## RADIOSONDE AND RAWINSONDE DATA

| Index No. iii | Station Name | 1000 mb. hhh | TTTTTddx | dd | ff | 850 mb. hhh | TTTTTddx | dd | ff | 700 mb. hhh | TTTTTddx | dd | ff | 500 mb. hhh | TTTTTddx | dd | ff | Hour GG | Code Type |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | BLOCK 01 | | | | | | | | | | | | | | | | | | |
| 001 | JAN MAYEN | 156 | 07042 | | | 470 | 04512 | | | 041 | 52613 | | | 640 | 67745 | | | 03 | 8 |
| 030 | TROMSO | 208 | 12085 | 00 | | 580 | 09011 | 20 | 8 | 152 | 52597 | 20 | 6 | 745 | 68741 | 14 | 8 | 03 | 5 |
| 384 | GARDERMOEN | 179 | 99999 | | | 534 | 07054 | | | 111 | 50509 | | | 732 | 66665 | | | 03 | 8 |
| 415 | SOLA | 212 | 09081 | | | 570 | 07524 | | | 127 | 52539 | | | 721 | 68699 | | | 03 | 8 |
| | BLOCK 02 | | | | | | | | | | | | | | | | | | |
| 057 | LULEA KALLAS | 210 | 15101 | | | 570 | 07019 | | | 143 | 00593 | | | 760 | 65752 | | | 03 | 8 |
| 077 | STOCKHOLM | 176 | 16134 | 03 | 5 | 570 | 11083 | 05 | 10 | 152 | 02001 | 05 | 5 | 791 | 63662 | 10 | 5 | 04 | 5 |
| 084 | GOTEBORG | 164 | 15447 | | | 538 | 10051 | | | 122 | 01554 | | | 744 | 66771 | | | 03 | 8 |
| | BLOCK 03 | | | | | | | | | | | | | | | | | | |
| 005 | LERWICK | 067 | 51480 | 27 | 18 | 353 | 43370 | 26 | 13 | 815 | 37330 | 26 | 17 | 00 | 29810 | 24 | 24 | 02 | |
| 026 | STORNOWAY | 077 | 51480 | 25 | 18 | 514 | 36300 | | | 022 | 24130 | 27 | 37 | *** | ***** | | | 02 | 2 |
| 171 | LEUCHARS | 078 | 53430 | | | 518 | 40360 | | | 034 | 32950 | | | 88 | 96810 | | | 02 | 7 |
| 743 | LARKHILL | 078 | 60530 | | | 527 | 50380 | 28 | 9 | 047 | 39700 | 31 | 18 | 916 | 08510 | 31 | 30 | 02 | 2 |
| 808 | CAMBORNE | 082 | 60610 | 01 | 9 | 530 | 51480 | 27 | 17 | 055 | 40880 | 30 | 10 | 925 | 09**0 | | | 02 | 2 |
| 917 | ALDERGROVE | 087 | 55420 | 29 | 12 | 524 | 36300 | 32 | 16 | 043 | 33820 | 27 | 20 | 901 | 04590 | 28 | 45 | 02 | 2 |
| 953 | VALENTIA | 089 | 56 0 | 04 | 8 | 531 | 51 0 | 25 | 10 | 055 | 41**0 | 28 | 14 | 927 | 10**0 | | | 03 | 2 |
| | BLOCK 04 | | | | | | | | | | | | | | | | | | |
| 018 | KEFLAVIK | 016 | 08063 | 17 | 30 | 549 | 00502 | 21 | 25 | 953 | 58303 | 22 | 32 | 784 | 73774 | 23 | 33 | 03 | 1 |
| 202 | THULE | 028 | 50512 | 25 | 4 | 457 | 52576 | 05 | 4 | 955 | 60649 | 31 | 2 | 777 | 77993 | | | 03 | 1 |
| 231 | SOR STROMFRD | 101 | 58 | | | | | | | *** | ***** | | | *** | ***** | | | 03 | 1 |
| 270 | NARSSARSSUAK | 025 | 05027 | 20 | 7 | 457 | 00528 | 07 | 3 | 960 | 59611 | 05 | 12 | 786 | 76990 | 04 | 18 | 03 | 1 |
| | BLOCK 06 | | | | | | | | | | | | | | | | | | |
| 011 | THORSHAVN | 169 | 09062 | | | 491 | 51351 | | | 018 | 57699 | | | 944 | 76834 | | | 03 | 8 |
| 260 | DE BILT | 214 | 11063 | | | 580 | 09058 | | | 160 | 52570 | | | 782 | 65917 | | | 03 | 8 |
| 447 | UCCLE | 220 | 12114 | | | 574 | 09042 | | | 152 | 01656 | | | 788 | 64874 | | | 03 | 8 |
| 610 | PAYERNE | 215 | | | | 575 | 08077 | 03 | 7 | 150 | 00653 | 01 | 25 | 785 | 62235 | 35 | 40 | 05 | 5 |
| | BLOCK 07 | | | | | | | | | | | | | | | | | | |
| 110 | BREST | 238 | 18159 | 04 | 4 | 630 | 12028 | 03 | | 722 | 30458 | 13 | 51 | 388 | 06175 | 33 | 2 | 02 | 5 |
| 145 | TRAPPES | 227 | 14122 | | | 600 | 12045 | | | 202 | 02522 | | | 870 | 59742 | | | 02 | 8 |
| 190 | STRASBOURG | 208 | 14112 | | | 560 | 04501 | | | 126 | 51602 | | | 734 | 65736 | | | 03 | 8 |
| 480 | LYON | 194 | | | | 560 | 08032 | | | 153 | 02656 | | | 817 | 61754 | | | 02 | 8 |
| 510 | BORDEAUX | 216 | 20184 | 02 | 4 | 610 | 14116 | 02 | 6 | 219 | 03022 | 33 | 6 | 886 | 60643 | 32 | 20 | 02 | 5 |
| 645 | NIMES | 165 | 21118 | 36 | 28 | 560 | 16052 | 33 | 62 | 184 | 07613 | 36 | 25 | 862 | 62824 | 32 | 30 | 02 | 5 |
| | BLOCK 08 | | | | | | | | | | | | | | | | | | |
| 509 | LAGENS | 086 | 19172 | 00 | | 544 | 12113 | 03 | 10 | 075 | 08534 | 10 | 5 | 969 | 60671 | 23 | 6 | 03 | 1 |
| 521 | FUNCHAL | 160 | 2409 | | | 572 | 1804 | | | 194 | 0500* | | | 876 | 57757 | | | 14 | 8 |
| 536 | PORTELA | 145 | 32098 | | | 577 | 19059 | | | 215 | 08593 | | | *** | ***** | | | 14 | 8 |
| | BLOCK 10 | | | | | | | | | | | | | | | | | | |
| 384 | TEMPELHOF | 148 | 14131 | 30 | 17 | 500 | 07065 | 35 | 13 | 086 | 00551 | 02 | 21 | 715 | 63745 | 04 | 18 | 03 | 5 |
| 419 | ISERLOHN | | | | | 511 | 47360 | 34 | 19 | 032 | 34060 | 34 | 20 | 892 | 05790 | 33 | 30 | 02 | 2 |
| 633 | WIESBADEN | 209 | 11101 | 34 | 5 | 552 | 07011 | 35 | 18 | 123 | 51614 | 34 | 18 | 737 | 66990 | 33 | 30 | 03 | 5 |
| 866 | MUNCHEN RIEM | 185 | 99999 | 99 | 99 | 549 | 07031 | 29 | 25 | 119 | 52702 | 32 | 23 | 728 | 64749 | 36 | 41 | 03 | 5 |
| | BLOCK 11 | | | | | | | | | | | | | | | | | | |
| 030 | TULLN | 139 | | | | 495 | 06042 | 32 | 44 | 062 | 52535 | 30 | 47 | 660 | 67769 | 34 | 20 | 03 | 5 |
| 567 | PRAHA KBELY | 147 | | | | 520 | 07064 | | | 080 | 50512 | | | 719 | 62734 | | | 05 | 5 |
| | BLOCK 16 | | | | | | | | | | | | | | | | | | |
| 240 | ROMA CIAMPNO | 127 | 18181 | | | 512 | 12042 | | | 109 | 01548 | | | 743 | 64713 | | | 02 | 8 |
| 596 | BRENDI | | | | | 497 | 61420 | 31 | 18 | 033 | 48960 | 30 | 33 | 920 | 21700 | 30 | 37 | 14 | 2 |
| | BLOCK 17 | | | | | | | | | | | | | | | | | | |
| 606 | NICOSIA | | | | | | 63430 | 26 | 9 | 012 | 50240 | 26 | 30 | 908 | 25630 | 25 | 30 | 14 | 2 |
| | BLOCK 40 | | | | | | | | | | | | | | | | | | |
| 648 | HABBANIYA | | | | | 483 | 81250 | 02 | 11 | 030 | 53130 | 26 | 18 | 923 | 27880 | 21 | 15 | 02 | 2 |
| | BLOCK 42 | | | | | | | | | | | | | | | | | | |
| 182 | NEW DELHI | 505 | | | | 141 | 26160 | | | 306 | 09*** | | | 573 | 61*** | | | 15 | 8 |
| 339 | JODHPUR | 505 | | | | 141 | 22180 | | | 306 | 11030 | | | 580 | ***** | | | 15 | 8 |
| 475 | BAMRAULI AL | 506 | | | | 140 | 27190 | | | 310 | 17110 | | | 590 | 01530 | | | 15 | 8 |
| 807 | CALCUTTA | 501 | | | | 143 | 25190 | | | 197 | 22160 | | | 741 | 18120 | | | 15 | 8 |
| 867 | NAGPUR | 000 | | | | 143 | 22180 | | | 309 | 11110 | | | 583 | 51*** | | | 14 | 8 |
| 909 | VERAVAL | 001 | 29260 | | | 146 | 24180 | | | 314 | 19060 | | | *** | ***** | | | 15 | 8 |
| | BLOCK 43 | | | | | | | | | | | | | | | | | | |
| 063 | POONA | 003 | | | | 145 | 19160 | | | 311 | 11040 | | | 584 | 54*** | | | 14 | 8 |
| 149 | VIZAGAPATAM | 000 | | | | 143 | 21180 | | | 302 | 11090 | | | 583 | 53*** | | | 14 | 8 |
| 279 | MADRAS | 003 | 30220 | | | 147 | 20150 | | | 311 | 09060 | | | 438 | 02010 | | | 14 | 8 |
| 371 | TRIVANDRUM | 007 | 25230 | | | 149 | 16150 | | | 312 | 08050 | | | 581 | 58*** | | | 15 | 8 |
| | BLOCK 45 | | | | | | | | | | | | | | | | | | |
| 007 | KAI TAK | 008 | 26240 | | | 150 | 18160 | | | 315 | 11050 | | | 587 | 56**0 | | | 22 | 8 |
| | BLOCK 47 | | | | | | | | | | | | | | | | | | |
| 580 | MISAWA | 510 | | | | 463 | 11115 | 13 | 16 | 990 | 05051 | 15 | 15 | *** | ***** | | | 03 | 1 |
| 635 | NAGOYA | 014 | 22176 | 29 | 15 | 473 | 15123 | 32 | 20 | 013 | 13029 | 32 | 31 | 919 | 50999 | 29 | 37 | 04 | 1 |
| 671 | TOKYO | 507 | | | | 459 | 20023 | 24 | 3 | 999 | 11581 | 29 | 30 | 892 | 54993 | 27 | 45 | 03 | 1 |
| 808 | ITAZUKE | 025 | 21169 | 36 | 5 | 484 | 16082 | 26 | 11 | 022 | 09547 | 27 | 23 | 918 | 55661 | 28 | 44 | 03 | 1 |
| | BLOCK 60 | | | | | | | | | | | | | | | | | | |
| 390 | M BLANCHE | 151 | 25211 | 00 | | 590 | 24035 | 24 | 2 | 235 | 13502 | 31 | 22 | 945 | 59804 | 28 | 27 | 02 | 5 |
| 570 | COLOMB | 084 | | | | 530 | 25059 | | | 197 | 10582 | | | 860 | 67818 | | | 02 | 8 |
| | BLOCK 61 | | | | | | | | | | | | | | | | | | |
| 642 | DAKAR OUAKAM | 121 | 24212 | 32 | 6 | 550 | 19511 | 09 | 3 | 179 | 09994 | 17 | 4 | 865 | 58991 | 09 | 5 | 07 | 5 |
| | BLOCK 62 | | | | | | | | | | | | | | | | | | |
| 011 | WHEELUS FLD | 138 | 24189 | | | 529 | 18035 | | | 169 | 16**0 | | | 871 | 58995 | | | 09 | 5 |
| 053 | BENINA | 030 | | | | 497 | 72440 | | | 038 | 53150 | | | 911 | 22709 | | | 02 | 7 |
| 366 | FAROUK | 096 | 21171 | 34 | 4 | 480 | 15556 | 33 | 21 | 110 | 11**0 | 33 | 20 | 832 | 56**7 | 24 | 17 | 03 | 5 |
| | BLOCK 70 | | | | | | | | | | | | | | | | | | |
| 026 | BARROW | 036 | 00536 | 10 | 6 | 458 | 55641 | 25 | 6 | 952 | 61765 | 23 | 7 | 773 | 77862 | 26 | 6 | 03 | 1 |
| 133 | KOTZEBUE | 028 | 04022 | 17 | 8 | 455 | 54556 | | | 950 | 60613 | | | 782 | 73777 | | | 03 | 1 |
| 200 | NOME | 029 | 03037 | 22 | 8 | 458 | 00004 | 30 | 13 | 965 | 52689 | 30 | 24 | 812 | 70775 | 30 | 53 | 03 | 1 |
| 204 | GAMBELL | 030 | 04001 | 02 | 8 | 465 | 05505 | 32 | 11 | 980 | 50998 | 31 | 16 | 834 | 68995 | | | 03 | 1 |
| 219 | BETHEL | 040 | 07507 | 19 | 4 | 472 | 02018 | | | 987 | 51547 | | | 838 | 69990 | | | 03 | 1 |
| 231 | MCGRATH | 034 | 11508 | 22 | 7 | 467 | 52563 | 21 | 7 | 966 | 57618 | 25 | 12 | 808 | 71744 | | | 03 | 1 |
| 261 | FRBNKS WEEKS | 033 | | | | 470 | 00583 | 24 | 4 | 968 | 62677 | 17 | 10 | 778 | 82911 | 14 | 10 | 03 | 1 |
| 273 | ANCH MERRILL | 030 | 13025 | 27 | 6 | 470 | 02563 | 04 | 8 | 974 | 59714 | 30 | 10 | 807 | 71759 | 31 | 44 | 03 | 1 |
| 291 | NORTHWAY | 023 | | | | 466 | 02537 | 36 | 4 | 969 | 59631 | 08 | 3 | 792 | 78833 | 18 | 15 | 03 | 1 |
| 350 | KODIAK | 034 | 12042 | | | 472 | 03591 | | | 986 | 50619 | | | 842 | 66822 | | | 04 | 1 |
| 361 | YAKUTAT | 028 | 11066 | 28 | 9 | 466 | 02543 | 01 | 8 | 969 | 59622 | 03 | 7 | 799 | 75814 | 15 | 6 | 03 | 1 |
| 381 | JUNEAU | 027 | 10074 | 11 | 9 | 463 | 00506 | | | 966 | 59602 | | | 797 | 74827 | | | 03 | 1 |
| 398 | ANNETTE IS | 033 | 08071 | 16 | 6 | 468 | 00511 | 25 | 9 | 968 | 61622 | 20 | 6 | 793 | 76891 | 18 | 26 | 03 | 1 |
| 409 | MASSACRE BAY | | | | 5 | | | | | | | | | | | | | | |
| 439 | AMCHITKA | 101 | 42 | | | | | | | *** | ***** | | | *** | ***** | | | 03 | 1 |
| 454 | LONGVIEW | | | | 0 | | | | | | | | | | | | | | |
| 485 | FORT GLENN | 101 | 59 | | | | | | | *** | ***** | | | *** | ***** | | | 03 | 1 |
| | BLOCK 72 | | | | | | | | | | | | | | | | | | |
| 202 | MIAMI | 047 | 26221 | 00 | | 511 | 17120 | 14 | 7 | 047 | 08518 | 13 | 4 | 934 | 57688 | 09 | 4 | 03 | 1 |
| 208 | CHARLESTON | 044 | 23212 | 05 | 9 | 505 | 16149 | 20 | 3 | 041 | 08042 | 23 | 4 | 930 | 55589 | 05 | 6 | 03 | 1 |
| 211 | TAMPA | 043 | 26231 | 19 | 3 | 506 | 16121 | | | 042 | 09033 | | | 930 | 57621 | | | 03 | 1 |
| 219 | ATLANTA | 050 | | | | 512 | 16149 | | | 047 | 07045 | | | 932 | 57593 | | | 03 | 1 |
| 231 | NEW ORLEANS | 047 | 27216 | 36 | 11 | 513 | 19145 | 01 | 20 | 051 | 09045 | 01 | 18 | 942 | 55657 | 36 | 18 | 03 | 1 |
| 240 | LAKE CHARLES | 049 | 30226 | | | 518 | 19151 | | | 057 | 10562 | | | 945 | 57722 | | | 03 | 1 |
| 250 | BROWNSVILLE | 045 | 26234 | 11 | 10 | 510 | 19121 | 10 | 6 | 050 | 10513 | 12 | 6 | 938 | 56669 | 11 | 12 | 03 | 1 |
| 253 | SAN ANTONIO | 047 | | | | 514 | 18138 | 15 | 16 | 054 | 10522 | 12 | 13 | 945 | 54999 | 10 | 14 | 03 | 1 |
| 259 | FT WORTH | | | | | | | | | | | | | | | | | | |
| 265 | BIG SPRING | 028 | | | | 504 | 23097 | 15 | 19 | 046 | 10567 | 12 | 11 | 942 | 05701 | 12 | 12 | 03 | 1 |
| 270 | EL PASO | 014 | | | | 497 | 29132 | 04 | 14 | 050 | 14051 | 05 | 8 | 946 | 56699 | 04 | 8 | 03 | 1 |
| 278 | PHOENIX | 026 | | | | 504 | 26082 | 33 | 6 | 051 | 12031 | 26 | 3 | 941 | 58622 | | | 03 | 1 |
| 304 | HATTERAS | 052 | 24220 | 09 | 16 | 514 | 15149 | 10 | 20 | 048 | 07055 | 10 | 4 | 940 | 55565 | 07 | 4 | 03 | 1 |
| 317 | GREENSBORO | 057 | | | | 515 | 14131 | 08 | 17 | 048 | 08046 | 08 | 11 | 936 | 55656 | 09 | 10 | 03 | 1 |
| 327 | NASHVILLE | 047 | | | | 515 | 19152 | | | 054 | 09012 | | | 101 | 58*** | | | 03 | 1 |
| 340 | LITTLE ROCK | 050 | 30233 | 32 | 4 | 519 | 20157 | 05 | 12 | 063 | 11532 | 04 | 28 | 955 | 55997 | 07 | 19 | 03 | 1 |
| 353 | OKLAHOMA CTY | 046 | | | | 516 | 21107 | 20 | 16 | 061 | 13000 | 10 | 7 | 957 | 55704 | 09 | 14 | 03 | 1 |
| 365 | ALBUQUERQUE | 015 | | | | 498 | | | | 052 | 16048 | 18 | 6 | 953 | 56585 | 10 | 11 | 03 | 1 |
| 386 | LAS VEGAS | 017 | | | | 501 | 28003 | 22 | 13 | 049 | 11567 | 17 | 12 | 940 | 56998 | 22 | 13 | 03 | 1 |
| 394 | SANTA MARIA | 045 | 12095 | 31 | 7 | 501 | 20022 | 06 | 9 | 040 | 10991 | 19 | 15 | 931 | 56999 | 21 | 30 | 03 | 1 |
| 405 | WASHINGTON | 065 | 21171 | 12 | 8 | 520 | 13061 | 07 | 10 | 052 | 07018 | 12 | 2 | 933 | 59644 | 35 | 9 | 03 | 1 |
| 445 | COLUMBIA | 048 | | | | 521 | 24047 | 25 | 11 | 068 | 12605 | 26 | 5 | 961 | 56692 | 36 | 18 | 03 | 1 |
| 451 | DODGE CITY | 034 | | | | 510 | 25136 | 19 | 5 | 060 | 14014 | 16 | 6 | 961 | 54704 | 24 | 7 | 03 | 1 |
| 476 | GRAND JUNC | 019 | | | | 501 | 29501 | 30 | 10 | 055 | 15539 | 25 | 12 | 952 | 56990 | 24 | 24 | 03 | 1 |
| 486 | ELY | 020 | | | | 494 | | | | 043 | 13603 | 21 | 19 | 929 | 59750 | 24 | 17 | 03 | 1 |
| 493 | OAKLAND | 043 | 14082 | 28 | 9 | 500 | 17991 | 18 | 6 | 034 | 07647 | 18 | 10 | 919 | 58751 | 22 | 20 | 03 | 1 |
| 506 | NANTUCKET | 071 | 16157 | 27 | 8 | 523 | 11098 | 27 | 8 | 054 | 08992 | 18 | 9 | 933 | 62702 | | | 04 | 1 |
| 518 | ALBANY | 062 | 21156 | 18 | 9 | 518 | 13093 | 09 | 12 | 050 | 07592 | 13 | 11 | 928 | 60691 | 09 | 31 | 03 | 1 |
| 520 | PITTSBURGH | 058 | | | | 520 | 16102 | 13 | 6 | 054 | 07022 | 03 | 7 | 935 | 58687 | 36 | 8 | 03 | 1 |
| 528 | BUFFALO | 058 | | | | 519 | 16103 | 16 | 10 | 050 | 05017 | 12 | 10 | 934 | 57742 | | | 03 | 1 |
| 534 | CHICAGO | 050 | | | | 518 | 21124 | 23 | 7 | 062 | 12552 | 35 | 13 | 950 | 56995 | 36 | 14 | 03 | 1 |
| 553 | OMAHA | 039 | | | | 513 | 23164 | 24 | 19 | 059 | 13023 | 26 | 6 | 952 | 56667 | 28 | 20 | 03 | 1 |
| 562 | N PLATTE | 038 | | | | 505 | 21110 | 07 | 9 | 056 | 14542 | 14 | 8 | 948 | 58623 | | | 03 | 1 |
| 576 | LANDER | 023 | | | | 497 | | | | 045 | 11597 | 24 | 12 | 929 | 61752 | 24 | 44 | 03 | 1 |
| 597 | MEDFORD | 039 | | | | 503 | 16003 | 31 | 10 | 031 | 02553 | 18 | 12 | 900 | 62990 | 23 | 12 | 03 | 1 |
| 600 | SABLE ISLAND | 074 | 13111 | | | 521 | 12511 | | | 046 | 04631 | | | 919 | 62761 | | | 03 | 1 |
| 606 | PORTLAND | 067 | 15122 | 20 | 7 | 520 | 15042 | 10 | 20 | 050 | 07623 | | | 928 | 60741 | | | 03 | 1 |
| 655 | ST CLOUD | 040 | | | | 504 | 19162 | 31 | 20 | 045 | 08064 | 24 | 25 | 933 | 57990 | | | 04 | 1 |
| 662 | RAPID CITY | 043 | | | | 506 | 20001 | 15 | 18 | 044 | 09506 | 24 | 15 | 930 | 57992 | 26 | 54 | 03 | 1 |
| 681 | BOISE | 034 | | | | 502 | 21567 | 04 | 8 | 039 | 07613 | 22 | 14 | 911 | 63991 | 25 | 15 | 03 | 1 |
| 712 | CARIBOU | 066 | 21182 | 13 | 5 | 527 | 15085 | 15 | 2 | 056 | 05627 | 34 | 10 | 933 | 61753 | 30 | 16 | 04 | 1 |
| 734 | SAULT MARIE | 054 | | | | 519 | 18097 | 26 | 18 | 055 | 08042 | 30 | 19 | 937 | 59993 | 32 | 11 | 03 | 1 |
| 747 | INTL FALLS | 041 | | | | 500 | 17595 | 28 | 21 | 032 | 07548 | 26 | 33 | 911 | 58999 | 25 | 66 | 03 | 1 |
| 764 | BISMARCK | 041 | | | | 507 | 18556 | 27 | 17 | 037 | 04993 | 27 | 40 | 911 | 63753 | 26 | 51 | 03 | 1 |
| 768 | GLASGOW | 038 | | | | 500 | 16583 | 27 | 24 | 025 | 00668 | 26 | 26 | 888 | 66992 | 26 | 41 | 03 | 1 |
| 775 | GREAT FALLS | 039 | | | | 499 | 16561 | | | 025 | 02650 | | | 884 | 67996 | | | 03 | 1 |
| 785 | SPOKANE | 042 | | | | 501 | 14531 | 20 | 9 | 024 | 01613 | 25 | 29 | 881 | 65778 | 25 | 47 | 03 | 1 |
| 798 | TATOOSH IS | 054 | 11051 | 25 | 7 | 494 | 06552 | 22 | 15 | 008 | 53552 | 23 | 23 | 864 | 66813 | 25 | 43 | 03 | 1 |
| 807 | ARGENTIA | 062 | 10075 | | | 504 | 10074 | | | 026 | 00586 | | | 879 | 68728 | | | 03 | 1 |
| 815 | STEPHENVILLE | 061 | 11074 | 00 | | 506 | 06527 | 32 | 18 | 017 | 56573 | 34 | 32 | 847 | 73993 | 34 | 37 | 03 | 1 |
| 816 | GOOSE | 061 | 11065 | 08 | 40 | 504 | 07844 | 32 | 18 | 019 | 53555 | 31 | 21 | 859 | 70818 | 34 | 34 | 03 | 1 |
| 826 | NITCHEQUON | 042 | | | | 499 | 17012 | | | 033 | 01589 | | | 901 | 63702 | | | 03 | 1 |
| 836 | MOOSONEE | 036 | 25149 | | | 502 | 19095 | | | 040 | 07509 | | | 919 | 58667 | | | 03 | 1 |
| 867 | THE PAS | 506 | | | | 443 | 07013 | | | 954 | 53571 | | | 806 | 67743 | | | 03 | 1 |
| 879 | EDMONTON | 018 | | | | 475 | 13004 | 28 | 18 | 030 | 51594 | 27 | 16 | 848 | 68991 | 28 | 12 | 03 | 1 |
| 896 | PRINCE GEORG | 024 | | | | 476 | 10502 | 18 | 25 | 993 | 53561 | 18 | 28 | 840 | 70733 | 21 | 35 | 03 | 1 |
| 906 | FT CHIMO | 048 | 13071 | 07 | 6 | 497 | 09014 | 25 | 2 | 016 | 00006 | | | 879 | 65632 | | | 03 | 1 |
| 909 | UP FROBISHER | 039 | 06009 | 00 | | 475 | 01629 | 00 | | 983 | 54660 | 14 | 3 | *** | ***** | | | 04 | 1 |
| 913 | CHURCHILL | 509 | | | | 443 | 12054 | 20 | 14 | 966 | 00583 | 19 | 15 | 818 | 65995 | 16 | 46 | 03 | 1 |
| 915 | CORAL HARBOR | 032 | 05044 | | | 470 | 07031 | | | 985 | 50998 | | | 846 | 66762 | | | 03 | 1 |
| 917 | EUREKA | 036 | 10634 | 33 | 10 | 470 | 51601 | 01 | 14 | 972 | 57666 | 05 | 7 | 808 | 73991 | 08 | 9 | 03 | 1 |
| 924 | RESOLUTE | 025 | 04017 | 22 | 4 | 470 | 00532 | 26 | 5 | 972 | 57595 | 30 | 15 | 808 | 73799 | 33 | 17 | 03 | 1 |
| 926 | BAKER LAKE | 005 | 03022 | | | 433 | 02017 | | | *** | ***** | | | *** | ***** | | | 03 | 1 |
| 934 | FT SMITH | 008 | | | | 461 | 08002 | | | 975 | 54533 | | | 819 | 71766 | | | 03 | 1 |
| 938 | COPPERMINE | 101 | 59 | | | | | | | *** | ***** | | | *** | ***** | | | 03 | 1 |
| 945 | FORT NELSON | 007 | | | | 464 | 13501 | | | 986 | 50589 | | | 842 | 67722 | | | 03 | 1 |
| 964 | WHITEHORSE | 022 | | | | 459 | 04021 | 33 | 4 | *** | ***** | | | *** | ***** | | | 03 | 1 |
| 968 | AKLAVIK | 042 | 04532 | | | 469 | 52574 | | | 971 | 54629 | | | 814 | 69781 | | | 02 | 1 |
| | BLOCK 74 | | | | | | | | | | | | | | | | | | |
| 043 | NORMAN WELLS | 033 | 13067 | | | 474 | 04015 | | | 986 | 52579 | | | 835 | 70751 | | | 03 | 1 |
| 072 | MOULD BAY | 042 | 02002 | | | 471 | 02562 | | | 980 | 54990 | | | 819 | 72829 | | | 03 | 1 |
| 074 | ISACHSEN | 047 | 05338 | | | 475 | 57659 | | | 979 | 66997 | | | 815 | 74994 | | | 03 | 1 |
| 109 | PORT HARDY | 043 | 10077 | | | 482 | 02009 | | | 989 | 55571 | | | 833 | 68794 | | | 03 | 1 |
| 188 | MINGAN L PT | 101 | 42 | | | | | | | *** | ***** | | | *** | ***** | | | 05 | 1 |
| | BLOCK 76 | | | | | | | | | | | | | | | | | | |
| 458 | MAZATLAN | 036 | 27225 | | | 504 | 19135 | | | 044 | 09026 | | | 932 | 57607 | | | 02 | 1 |
| 491 | C VICTORIA | 037 | | | | 509 | 99103 | | | 045 | 07002 | | | 931 | 57663 | | | 02 | 1 |
| 644 | MERIDA | 046 | 26310 | | | 510 | 18101 | | | 047 | 09001 | | | 935 | 56661 | | | 03 | 1 |
| 679 | TACUBAYA | 028 | | | | 498 | | | | 042 | 09077 | | | 935 | 56594 | | | 03 | 1 |
| | BLOCK 78 | | | | | | | | | | | | | | | | | | |
| 016 | KINDLEY FLD | 064 | 23203 | 16 | 14 | 520 | 13104 | 17 | 16 | 051 | 05008 | 15 | 13 | 932 | 59764 | 14 | 9 | 03 | 1 |
| 325 | HAVANA C B | 044 | 25211 | 12 | 6 | 508 | 17132 | 09 | 9 | 045 | 08522 | 07 | 4 | *** | ***** | | | 03 | 1 |
| 501 | SWAN ISLAND | 041 | 26221 | | | 505 | 17142 | | | 043 | 09018 | | | 932 | 56747 | | | 03 | 1 |
| 525 | SAN JUAN | 051 | 25211 | 09 | 10 | 512 | 15125 | 10 | 15 | 047 | 08517 | 08 | 12 | *** | ***** | | | 03 | 1 |
| 741 | MANAGUA | 034 | 24239 | 07 | 8 | 550 | 19183 | 08 | 29 | 041 | 09003 | 08 | 31 | 929 | 56116 | 08 | 17 | 03 | 1 |
| 806 | ALBROOK FLD | 009 | 25241 | 02 | 5 | 885 | 18177 | | | 804 | 15078 | | | 742 | 11048 | | | 03 | 1 |
| 862 | COOLIDGE FLD | 048 | 23224 | 09 | 15 | 504 | 12073 | 11 | 23 | 030 | 03552 | 13 | 18 | 896 | 61685 | 13 | 17 | 04 | 1 |
| 967 | CHAGUARAMAS | 045 | 23208 | | | 510 | 16116 | | | 041 | 08106 | | | 926 | 57637 | | | 03 | 1 |
| 972 | WALLER FIELD | 044 | 23232 | 08 | 17 | 502 | 15118 | 10 | 23 | 033 | 07521 | 07 | 17 | 913 | 60666 | 09 | 20 | 03 | 1 |
| | BLOCK 91 | | | | | | | | | | | | | | | | | | |
| 066 | MIDWAY ISL | 054 | 25191 | 14 | 10 | 514 | 14098 | 14 | 6 | 047 | 08538 | 07 | 10 | 938 | 55724 | 17 | 9 | 03 | 1 |
| 115 | IWO JIMA | 041 | 29257 | 27 | 14 | 508 | 19145 | 27 | 13 | 049 | 10008 | 28 | 12 | 945 | 52996 | 27 | 3 | 03 | 1 |

## RADIOSONDE AND RAWINSONDE DATA — Continued

| Index No. iii | 300 mb. hhh | TTTTTddx | dd | ff | 200 mb. hhh | TTTTTddx | dd | ff | 100 mb. hhh | TTTTTddx | dd | ff | Hour GG | Code Type |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 01 | | | | | | | | | | | | | | |
| 001 | 933 | 90984 | | | 200 | 00999 | | | | | | | 03 | 8 |
| 030 | 939 | 91969 | 08 | 44 | 203 | 06 8 | 08 | 35 | 654 | 97**0 | 09 | 8 | 03 | 5 |
| 384 | 937 | 94942 | | | 199 | 06996 | | | | | | | 03 | 8 |
| 415 | 934 | 93957 | | | 199 | 00993 | | | | | | | 03 | 8 |
| 02 | | | | | | | | | | | | | | |
| 057 | 938 | 94027 | | | | | | | | | | | 03 | 8 |
| 077 | 946 | 90941 | 25 | 19 | 209 | 10991 | 25 | 16 | 661 | 97994 | | | 04 | 5 |
| 084 | 941 | 91991 | | | 205 | 03999 | | | 658 | 97997 | | | 03 | 8 |
| 03 | | | | | | | | | | | | | | |
| 005 | 033 | 46 0 | 20 | 22 | | | | | | | | | 02 | |
| 026 | 048 | 53 0 | 29 | 91 | | | | | | | | | 02 | 2 |
| 171 | 071 | 45 0 | | | 937 | 40 0 | | | 419 | ***** | | | 02 | 7 |
| 743 | 123 | 58 0 | 30 | 79 | 993 | 35 0 | 20 | 88 | | | | | 02 | 2 |
| 808 | 143 | 61420 | 30 | 59 | 010 | 30 0 | 30 | 66 | | | | | 02 | 2 |
| 917 | 093 | 54 0 | | | 954 | 32 0 | | | | | | | 02 | 2 |
| 953 | 149 | 65 0 | | | 028 | 31 0 | | | 470 | 37**0 | | | 03 | 2 |
| 04 | | | | | | | | | | | | | | |
| 018 | 946 | 94998 | 25 | 45 | 842 | 91994 | | | | | | | 03 | 1 |
| 202 | 934 | 91990 | | | 840 | 90995 | | | | | | | 03 | 1 |
| 231 | 101 | 58 | | | | | | | | | | | 03 | 1 |
| 270 | 937 | | | | | | | | | | | | 03 | 1 |
| 06 | | | | | | | | | | | | | | |
| 011 | 168 | 93933 | | | 638 | 98995 | | | | | | | 03 | 8 |
| 260 | 940 | 98 | | | 203 | 02 | | | | | | | 03 | 8 |
| 447 | 430 | 93 0 | | | 098 | 97 5 | | | 586 | 01**8 | | | 03 | 8 |
| 610 | 570 | 88941 | 32 | 80 | 200 | 00 7 | 31 | 80 | | | | | 05 | 5 |
| 07 | | | | | | | | | | | | | | |
| 110 | 101 | 43 | | | | | | | | | | | 02 | 5 |
| 145 | 962 | 84004 | | | 231 | 03 4 | | | 673 | 05**4 | | | 02 | 8 |
| 190 | 940 | 93 0 | | | 204 | 07 7 | | | 641 | 06**7 | | | 03 | 8 |
| 480 | 952 | 90 4 | | | 247 | 08 4 | | | | | | | 02 | 8 |
| 510 | 963 | 86892 | 31 | 24 | | | | | | | | | 02 | 5 |
| 645 | 953 | 91 1 | 33 | 38 | | | | | | | | | 02 | 5 |
| 08 | | | | | | | | | | | | | | |
| 509 | 195 | 86891 | | | | 0869 | 29 | 90 | 202 | 8**** | | | 03 | 1 |
| 521 | 966 | 81955 | | | 236 | 06997 | | | 659 | 16996 | | | 14 | 8 |
| 536 | | | | | | | | | | | | | 14 | 8 |
| 10 | | | | | | | | | | | | | | |
| 384 | 101 | 43 | | | | | | | | | | | 03 | 5 |
| 419 | 096 | 58360 | 30 | 60 | | | | | | | | | 02 | 2 |
| 633 | 941 | 90999 | 31 | 59 | 209 | 01995 | 30 | 69 | 653 | 05994 | | | 03 | 5 |
| 866 | 939 | 89998 | 01 | 35 | | | | | | | | | 03 | 5 |
| 11 | | | | | | | | | | | | | | |
| 030 | 927 | 96 8 | 34 | 27 | 195 | 96 3 | 34 | 28 | | | | | 03 | 5 |
| 567 | | | | | | | | | | | | | 05 | 5 |
| 16 | | | | | | | | | | | | | | |
| 240 | 439 | 88999 | | | 211 | 05992 | | | | | | | 02 | 8 |
| 596 | 155 | 65400 | | | 035 | | | | 454 | 16**0 | | | 14 | 2 |
| 17 | | | | | | | | | | | | | | |
| 606 | 170 | 85440 | | | 101 | 53 0 | | | 517 | 06**0 | | | 14 | 2 |
| 40 | | | | | | | | | | | | | | |
| 648 | 184 | 82420 | 24 | 42 | 099 | 47 0 | 24 | 32 | 501 | 97**0 | 22 | 25 | 02 | 2 |
| 42 | | | | | | | | | | | | | | |
| 182 | 948 | 85 | | | 217 | 07 | | | | | | | 15 | 8 |
| 339 | 961 | 79 | | | 235 | 11 | | | | | | | 15 | 8 |
| 475 | 957 | 70 | | | 272 | 97 | | | | | | | 15 | 8 |
| 807 | 101 | 43 | | | | | | | | | | | 15 | 8 |
| 867 | 973 | 73 | | | 260 | 89 | | | | | | | 14 | 8 |
| 909 | 101 | 43 | | | | | | | | | | | 15 | 8 |
| 43 | | | | | | | | | | | | | | |
| 149 | | | | | | | | | | | | | 14 | 8 |
| 063 | 969 | 78 | | | 244 | 04 | | | | | | | 14 | 8 |
| 279 | 755 | 65 | | | 965 | 81 | | | 240 | 02*** | | | 14 | 8 |
| 371 | 951 | 82 | | | 256 | 00 | | | | | | | 15 | 8 |
| 45 | | | | | | | | | | | | | | |
| 007 | 101 | 50 | | | | | | | | | | | 22 | 8 |
| 47 | | | | | | | | | | | | | | |
| 580 | 101 | 50 | | | | | | | | | | | 03 | 1 |
| 635 | 101 | 43 | | | | | | | | | | | 04 | 1 |
| 671 | 144 | 78990 | 26 | 78 | 067 | 96992 | | | 511 | ***** | | | 03 | 1 |
| 808 | 193 | 75831 | 26 | 63 | 128 | 94996 | 27 | 80 | 576 | 09997 | 27 | 34 | 03 | 1 |
| 60 | | | | | | | | | | | | | | |
| 390 | 969 | 85013 | 02 | 20 | | | | | | | | | 02 | 5 |
| 570 | 101 | 43 | | | | | | | | | | | 02 | 8 |
| 61 | | | | | | | | | | | | | | |
| 642 | 965 | 83994 | 09 | 10 | 237 | 03 1 | 10 | 6 | | | | | 07 | 5 |
| 62 | | | | | | | | | | | | | | |
| 011 | 459 | 88996 | | | | | | | | | | | 09 | 5 |
| 053 | | | | | 092 | 47 0 | | | 499 | 02**0 | | | 02 | 7 |
| 366 | 686 | 77 4 | 22 | 35 | | | | | | | | | 03 | 5 |
| 70 | | | | | | | | | | | | | | |
| 026 | 916 | 96996 | 30 | 13 | 817 | 90992 | 31 | 11 | 368 | 89995 | 34 | 6 | 03 | 1 |
| 133 | 947 | 91996 | | | | 92999 | | | | | | | 03 | 1 |
| 200 | 986 | 98995 | 30 | 70 | 856 | 95 0 | | | 374 | ***** | | | 03 | 1 |
| 204 | 010 | 98994 | | | | 97995 | | | 372 | 95995 | | | 03 | 1 |
| 219 | 021 | 94996 | | | | | | | | | | | 03 | 1 |
| 231 | 978 | 98992 | | | 849 | 96998 | | | 365 | 94995 | | | 03 | 1 |
| 261 | 926 | 04995 | 30 | 12 | 824 | 91995 | 29 | 14 | | | | | 03 | 1 |
| 273 | 981 | 98996 | 30 | 47 | 860 | 94996 | | | 378 | 95995 | | | 03 | 1 |
| 291 | 939 | 97990 | | | | | | | | | | | 03 | 1 |
| 350 | 037 | 91999 | | | | | | | | | | | 04 | 1 |
| 361 | 951 | 96991 | | | 845 | 90991 | | | | | | | 03 | 1 |
| 381 | 948 | 98999 | | | 835 | 93998 | | | 366 | 93990 | | | 03 | 1 |
| 398 | 940 | 94991 | 16 | 17 | 838 | 92993 | 26 | 10 | 363 | 95991 | | | 03 | 1 |
| 409 | 024 | 93995 | | | 889 | 04993 | | | 360 | 00992 | | | 03 | 1 |
| 439 | 101 | 42 | | | | | | | | | | | 03 | 1 |
| 454 | 089 | 90990 | | | 970 | 00990 | | | | | | | 03 | 1 |
| 485 | 101 | 59 | | | | | | | | | | | 03 | 1 |
| 72 | | | | | | | | | | | | | | |
| 202 | 179 | 83942 | 05 | 15 | 071 | 05990 | 02 | 15 | 435 | ***** | | | 03 | 1 |
| 208 | 181 | 82863 | 04 | 10 | 074 | 04993 | 31 | 12 | 457 | 21990 | 06 | 45 | 03 | 1 |
| 211 | 171 | 83866 | | | 063 | 05992 | | | 425 | ***** | | | 03 | 1 |
| 219 | 178 | 82922 | | | 067 | 05996 | | | | | | | 03 | 1 |
| 231 | 198 | 80931 | 34 | 11 | 105 | 02991 | 18 | 1 | | | | | 03 | 1 |
| 240 | 191 | 82994 | | | 084 | 05994 | | | 447 | 22993 | | | 03 | 1 |
| 250 | 182 | 84990 | 16 | 16 | 070 | 06990 | | | | | | | 03 | 1 |
| 253 | 192 | 83945 | 12 | 15 | 086 | 03993 | 12 | 44 | 468 | ***** | | | 03 | 1 |
| 259 | 216 | 82993 | 09 | 21 | 140 | | | | | | | | 03 | 1 |
| 265 | 193 | 83953 | 12 | 11 | 087 | 04994 | 12 | 33 | | | | | 03 | 1 |
| 270 | 188 | 84991 | | | 078 | 05995 | | | 445 | 21995 | | | 03 | 1 |
| 278 | 181 | 84916 | | | 066 | 06999 | | | 436 | 18990 | | | 03 | 1 |
| 304 | 192 | 81919 | 30 | 14 | 090 | 02996 | 32 | 22 | 503 | ***** | | | 03 | 1 |
| 317 | 185 | 84992 | 36 | 23 | 079 | 03992 | 35 | 17 | 477 | 18997 | 07 | 30 | 03 | 1 |
| 327 | 101 | 50 | | | | | | | | | | | 03 | 1 |
| 340 | 204 | 82991 | 03 | 36 | 101 | 03997 | 17 | 15 | 478 | 20994 | 10 | 36 | 03 | 1 |
| 353 | 210 | 82931 | 09 | 22 | 102 | 03999 | 11 | 25 | | | | | 03 | 1 |
| 365 | 205 | 82991 | 16 | 32 | | | | | | | | | 03 | 1 |
| 386 | 176 | 84994 | 21 | 43 | 065 | 04998 | | | 461 | 16991 | | | 03 | 1 |
| 394 | 165 | 87991 | 21 | 39 | 050 | 05993 | 20 | 45 | 446 | 17991 | 21 | 27 | 03 | 1 |
| 405 | 171 | 82999 | | | 074 | 98999 | | | 489 | 17995 | | | 03 | 1 |
| 445 | 218 | 81937 | 36 | 22 | 116 | 03996 | 01 | 18 | 500 | 18998 | | | 03 | 1 |
| 451 | 215 | 81939 | | | 110 | 04996 | | | 485 | 19995 | | | 03 | 1 |
| 476 | 198 | 82921 | 23 | 46 | | | | | | | | | 03 | 1 |
| 486 | 154 | 87992 | | | 032 | 06990 | | | | | | | 03 | 1 |
| 493 | 143 | 88996 | 21 | 15 | 018 | 06994 | 23 | 32 | 426 | 13994 | 23 | 26 | 03 | 1 |
| 506 | 101 | 50 | | | | | | | | | | | 04 | 1 |
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| 520 | 178 | 82996 | | | 081 | 00991 | | | 481 | 19992 | | | 03 | 1 |
| 528 | 172 | 84996 | | | 068 | 02995 | | | 470 | 14999 | | | 03 | 1 |
| 534 | 202 | 82990 | | | 010 | 02995 | | | 494 | ***** | | | 03 | 1 |
| 553 | 201 | 83941 | | | 092 | 04999 | | | 468 | 17995 | | | 03 | 1 |
| 562 | 189 | 83993 | | | 079 | 06995 | | | 439 | 19990 | | | 03 | 1 |
| 576 | 151 | 87994 | | | 036 | 03999 | | | 453 | ***** | | | 03 | 1 |
| 597 | 109 | 91991 | 25 | 39 | 974 | 10990 | 26 | 42 | | | | | 03 | 1 |
| 600 | 124 | 92990 | | | 985 | 11993 | | | | | | | 03 | 1 |
| 606 | 153 | 87987 | | | 029 | 04993 | | | 448 | ***** | | | 03 | 1 |
| 655 | 175 | 82995 | 25 | 64 | 077 | 02996 | | | 465 | 15993 | | | 04 | 1 |
| 662 | 156 | 85998 | 25 | 85 | 048 | 03992 | | | 465 | ***** | | | 03 | 1 |
| 681 | 123 | 90998 | 26 | 37 | 992 | 07993 | | | 436 | 06991 | | | 03 | 1 |
| 712 | 146 | 89934 | 33 | 39 | 021 | 06990 | 36 | 60 | | | | | 04 | 1 |
| 734 | 101 | 50 | | | | | | | | | | | 03 | 1 |
| 747 | 136 | 84990 | | | 036 | 01995 | | | 451 | 10990 | | | 03 | 1 |
| 764 | 125 | 88990 | | | 014 | 01994 | | | | | | | 03 | 1 |
| 768 | 075 | 95997 | | | 943 | 00994 | | | | | | | 03 | 1 |
| 775 | 066 | 96996 | | | 926 | 02990 | | | 382 | 01992 | | | 03 | 1 |
| 785 | 081 | 92999 | 25 | 65 | 940 | 09992 | | | | | | | 03 | 1 |
| 798 | 050 | 96990 | 26 | 79 | 908 | | | | | | | | 03 | 1 |
| 807 | 111 | 91999 | | | 981 | 04999 | | | 455 | 03999 | | | 03 | 1 |
| 815 | 017 | 97992 | | | | | | | | | | | 03 | 1 |
| 816 | 256 | 01999 | | | 212 | 98990 | | | 101 | 55*** | | | 03 | 1 |
| 826 | | | | | | | | | | | | | | |
| 836 | 101 | 50 | | | | | | | | | | | 03 | 1 |
| 867 | 997 | 87998 | | | 907 | 90995 | | | 442 | 97997 | | | 03 | 1 |
| 879 | 031 | 95999 | 20 | 31 | 892 | 98999 | 26 | 25 | 400 | 96997 | | | 03 | 1 |
| 896 | 014 | 98990 | 21 | 34 | 871 | 00990 | 21 | 34 | | | | | 03 | 1 |
| 906 | 082 | 99999 | | | 948 | | | | | | | | 03 | 1 |
| 909 | 101 | 50 | | | | | | | | | | | 04 | 1 |
| 913 | | | | | | | | | | | | | | |
| 915 | 048 | 92992 | | | 924 | 95994 | | | 428 | 98990 | | | 03 | 1 |
| 917 | 974 | 98999 | 09 | 15 | 858 | 91992 | 27 | 5 | | | | | 03 | 1 |
| 924 | | | | | | | | | | | | | | |
| 926 | 101 | 50 | | | | | | | | | | | 03 | 1 |
| 934 | 101 | 50 | | | | | | | | | | | 03 | 1 |
| 938 | 101 | 59 | | | | | | | | | | | 03 | 1 |
| 945 | 041 | 90997 | | | 919 | 00990 | | | 446 | ***** | | | 03 | 1 |
| 964 | 101 | 50 | | | | | | | | | | | 03 | 1 |
| 968 | 996 | 94993 | | | 877 | 93994 | | | 428 | 87996 | | | 02 | 1 |
| 74 | | | | | | | | | | | | | | |
| 043 | | | | | | | | | | | | | | |
| 072 | 984 | 98998 | | | 853 | 94997 | | | | | | | 03 | 1 |
| 074 | 965 | 00991 | | | 846 | 92996 | | | 386 | 91990 | | | 03 | 1 |
| 109 | 029 | 93990 | | | 921 | 92993 | | | 459 | 90991 | | | 03 | 1 |
| 188 | 101 | 42 | | | | | | | | | | | 05 | 1 |
| 76 | | | | | | | | | | | | | | |
| 458 | 176 | 83938 | | | 070 | 04995 | | | 451 | 03992 | | | 02 | 1 |
| 491 | 175 | 84994 | | | 063 | 06994 | | | 432 | 20993 | | | 02 | 1 |
| 644 | 181 | 83998 | | | 071 | 05990 | | | | | | | 03 | 1 |
| 679 | 984 | | | | | | | | | | | | 03 | 1 |
| 78 | | | | | | | | | | | | | | |
| 016 | | | | | | | | | | | | | | |
| 325 | | | | | | | | | | | | | | |
| 501 | 183 | 81998 | | | 078 | 03999 | | | 450 | ***** | | | 03 | 1 |
| 525 | | | | | | | | | | | | | | |
| 741 | 176 | 82881 | 02 | 6 | 073 | 03991 | 06 | 21 | | | | | 03 | 1 |
| 806 | 154 | 87886 | 10 | 8 | 024 | 11992 | 36 | 6 | | | | | 03 | 1 |
| 862 | 101 | 50 | | | | | | | | | | | 04 | 1 |
| 967 | 169 | 83994 | | | 087 | 91991 | | | | | | | 03 | 1 |
| 972 | 137 | 87941 | 14 | 3 | | | | | | | | | 03 | 1 |
| 91 | | | | | | | | | | | | | | |
| 066 | 101 | 43 | | | | | | | | | | | 03 | 1 |
| 115 | 207 | 77997 | 25 | 4 | 124 | 99993 | 05 | 14 | | | | | 03 | 1 |

## RADIOSONDE AND RAWINSONDE DATA. SIGNIFICANT LEVELS

| Index No. iii | 1st. 5th. etc. Level PPP | TTTTTddx | 2nd. 6th. etc. Level PPP | TTTTTddx | 3rd. 7th. etc. Level PPP | TTTTTddx | 4th. 8th. etc. Level PPP | TTTTTddx | Hour GG | Code Type |
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| 030 | 024 | 09071 | 975 | 15086 | 950 | 16086 | 665 | 56611 | 03 | 5 |
| 384 | 997 | 13139 | 978 | 12113 | 929 | 11111 | 903 | 09091 | 03 | 8 |
| 415 | 023 | 10091 | 989 | 08081 | 973 | 11081 | 935 | 11042 | 03 | 8 |
| 02 | | | | | | | | | | |
| 057 | 025 | 13109 | 980 | 16091 | 751 | 01572 | 708 | 00586 | 03 | 8 |
| 077 | 018 | 14107 | 939 | 17149 | 790 | 06041 | 775 | 07051 | 04 | 5 |
| 084 | 019 | 15141 | 964 | 16137 | 734 | 01018 | 719 | 02524 | 03 | 8 |
| 03 | | | | | | | | | | |
| 005 | 015 | 52258 | | | | | | | 02 | |
| 026 | 026 | 53490 | | | | | | | 02 | 2 |
| 171 | 028 | 50450 | 830 | 37320 | 803 | 40280 | 675 | 29930 | 02 | 7 |
| 743 | 013 | 59540 | | | | | | | 02 | 2 |
| 808 | 019 | 58580 | | | | | | | 02 | 2 |
| 917 | 024 | 57440 | 858 | 33280 | 840 | | | | 02 | 2 |
| 953 | 031 | 51 0 | 901 | 42 0 | 864 | 51**0 | 838 | 51**0 | 03 | 2 |
| 04 | | | | | | | | | | |
| 018 | 000 | 08063 | 400 | 04889 | 370 | 00940 | 308 | 95990 | 03 | 1 |
| 202 | 006 | 01002 | 994 | 52533 | 961 | 02517 | 903 | 00556 | 03 | 1 |
| 231 | | | | | | | | | | |
| 270 | 008 | 06022 | 931 | 02511 | 901 | 04002 | 835 | 72753 | 03 | 1 |
| 06 | | | | | | | | | | |
| 011 | 018 | 10072 | 690 | | | | | | 03 | 8 |
| 260 | 026 | 11102 | 993 | 11053 | 966 | 14083 | 885 | 12066 | 03 | 8 |
| 447 | 014 | 11103 | 975 | 14115 | 920 | 11096 | 910 | 13101 | 03 | 8 |
| 610 | 967 | 11110 | 935 | 13118 | 856 | 09085 | 792 | 04563 | 05 | 5 |
| 07 | | | | | | | | | | |
| 110 | 101 | 13121 | 996 | 19163 | 940 | 18113 | 913 | 16101 | 02 | 5 |
| 145 | 007 | 13111 | 980 | 15157 | 912 | 14087 | 850 | 12045 | 02 | 8 |
| 190 | 007 | 10088 | 888 | 05029 | 815 | 03513 | 776 | 03531 | 03 | 8 |
| 480 | 000 | 17095 | 913 | 16072 | 850 | 08032 | 816 | 08003 | 02 | 8 |
| 510 | 020 | 20172 | 975 | 21184 | 915 | 20143 | 800 | 10091 | 02 | 5 |
| 645 | 012 | 22112 | 940 | 20113 | 845 | 16052 | 792 | 12011 | 02 | 5 |
| 08 | | | | | | | | | | |
| 509 | 018 | 20181 | 788 | 024 | 770 | 12036 | 755 | 12040 | 03 | 1 |
| 521 | 012 | 24195 | 934 | 2406 | 633 | 01677 | 400 | 66824 | 14 | 8 |
| 536 | 007 | 36123 | 726 | 09535 | 694 | 07629 | 582 | 54658 | 14 | 8 |
| 10 | | | | | | | | | | |
| 384 | 011 | 15133 | 985 | 12127 | 786 | 05035 | 653 | 53571 | 03 | 5 |
| 419 | 994 | 55510 | | | | | | | 02 | 2 |
| 633 | 009 | 11102 | 958 | 10100 | 899 | 05055 | 885 | 07066 | 03 | 5 |
| 866 | 960 | 12063 | 846 | 06033 | 794 | 03506 | 723 | 50704 | 03 | 5 |
| 11 | | | | | | | | | | |
| 030 | 996 | 13112 | 984 | 15096 | 896 | 08084 | 796 | 03504 | 03 | 5 |
| 567 | 984 | 13102 | 653 | 53541 | 600 | 53564 | | | 05 | 5 |
| 16 | | | | | | | | | | |
| 240 | 004 | 18170 | 908 | 16066 | 652 | 53620 | 638 | 53659 | 02 | 8 |
| 596 | 997 | 79660 | 990 | 75640 | 940 | 67560 | 913 | 67530 | 14 | 2 |
| 17 | | | | | | | | | | |
| 606 | 981 | 83540 | 881 | 67430 | 728 | 51860 | 365 | 96420 | 14 | 2 |
| 40 | | | | | | | | | | |
| 648 | 997 | 78340 | 975 | 95450 | 942 | 32950 | 557 | 36940 | 02 | 2 |
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| 182 | 971 | 34180 | 865 | 28170 | 809 | 19190 | 540 | 59*** | 15 | 8 |
| 339 | 971 | 35200 | 956 | 35210 | 775 | 14120 | 735 | 14020 | 15 | 8 |
| 475 | 983 | 35220 | 960 | 35210 | 788 | 22180 | 750 | 21140 | 15 | 8 |
| 807 | 998 | 28260 | | | | | | | 15 | 8 |
| 867 | 966 | 25230 | 634 | 05050 | 575 | 04040 | 250 | 81*** | 14 | 8 |
| 909 | 000 | 29260 | 928 | 29210 | 876 | 25210 | 740 | 19100 | 15 | 8 |
| 43 | | | | | | | | | | |
| 063 | 942 | 25200 | 716 | 11070 | 681 | 11010 | 652 | 08520 | 14 | 8 |
| 149 | 995 | 28240 | 660 | 08070 | 540 | 51510 | 160 | 08*** | 14 | 8 |
| 279 | 002 | 30230 | 740 | 12070 | 445 | 60*** | 185 | 04*** | 14 | 8 |
| 371 | 001 | 25230 | 637 | 07010 | 183 | 04*** | | | 15 | 8 |
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| 007 | 009 | 28250 | 950 | 25230 | 900 | 22190 | 800 | 16120 | 22 | 8 |
| 47 | | | | | | | | | | |
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| 635 | 003 | 22184 | 815 | 13118 | 790 | 16104 | 742 | 13078 | 04 | 1 |
| 671 | 997 | 24159 | 949 | 24116 | 880 | 21047 | 726 | 11581 | 03 | 1 |
| 808 | 008 | 22181 | 874 | 15124 | 830 | 17043 | 772 | 13525 | 03 | 1 |
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| 390 | 015 | 19164 | 005 | 24216 | 985 | 26205 | 940 | 25145 | 02 | 5 |
| 570 | 927 | 32122 | 921 | 34133 | 850 | 25059 | 822 | 23035 | 02 | 8 |
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| 642 | 009 | 24225 | 998 | 24221 | 978 | 25214 | 922 | 24203 | 07 | 5 |
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| 011 | 015 | 25206 | 765 | 15613 | 616 | 02**0 | | | 09 | 5 |
| 053 | 996 | 75520 | 918 | 84900 | 737 | 40100 | 617 | 42090 | 02 | 7 |
| 366 | 003 | 21188 | 948 | 15114 | 940 | 19054 | 870 | 15514 | 03 | 5 |
| 70 | | | | | | | | | | |
| 026 | 013 | 01529 | 892 | 55573 | 862 | 54624 | 716 | 60765 | 03 | 1 |
| 133 | 010 | 04034 | 926 | 50514 | 631 | 62645 | 400 | 85898 | 03 | 1 |
| 200 | 010 | 04035 | 925 | 50514 | 756 | 53544 | 735 | 51546 | 03 | 1 |
| 204 | 010 | 06033 | 980 | 05016 | 917 | 02510 | 894 | 04014 | 03 | 1 |
| 219 | 014 | 10021 | 881 | 51534 | 869 | 02017 | 796 | 03016 | 03 | 1 |
| 231 | 000 | 11508 | 810 | 55576 | 760 | 56669 | 729 | 56609 | 03 | 1 |
| 261 | 996 | 13017 | 978 | 10541 | 446 | 87984 | 416 | 87973 | 03 | 1 |
| 273 | 006 | 14035 | 966 | 11511 | 880 | 04547 | 724 | 57711 | 03 | 1 |
| 291 | 948 | 12021 | 644 | 64673 | 474 | 80905 | 431 | 84968 | 03 | 1 |
| 350 | 011 | 12059 | 836 | 02604 | 787 | 05541 | 756 | 03584 | 04 | 1 |
| 361 | 009 | 12084 | 528 | 72768 | 400 | 88913 | | | 03 | 1 |
| 381 | 009 | 11073 | 653 | 62641 | 616 | 63746 | 560 | 66802 | 03 | 1 |
| 398 | 008 | 09085 | 685 | 62644 | 636 | 64769 | 614 | 65805 | 03 | 1 |
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| 454 | | | | | | | | | | |
| 485 | | | | | | | | | | |
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| 208 | 014 | 24238 | 600 | 02543 | 569 | 51558 | 400 | 66717 | 03 | 1 |
| 211 | 014 | 26241 | 928 | 20181 | 794 | 14103 | 753 | 11037 | 03 | 1 |
| 219 | 983 | 23221 | 784 | 12102 | 632 | 02506 | 400 | 67731 | 03 | 1 |
| 231 | 016 | 28223 | 557 | 50564 | 516 | 54712 | 454 | 60741 | 03 | 1 |
| 240 | 016 | 29235 | 642 | 04554 | 608 | 02682 | 572 | 00990 | 03 | 1 |
| 250 | 015 | 27239 | 980 | 25221 | 572 | 51571 | 444 | 63706 | 03 | 1 |
| 253 | 989 | 26204 | 978 | 29173 | 830 | 17123 | 804 | 18025 | 03 | 1 |
| 259 | | | | | | | | | | |
| 265 | 926 | 28114 | 905 | 29103 | 792 | 18062 | 762 | 14026 | 03 | 1 |
| 270 | 881 | 31122 | 880 | 31147 | 635 | 07001 | 485 | 58727 | 03 | 1 |
| 278 | 972 | 33099 | 954 | 34106 | 546 | 53575 | 400 | 68759 | 03 | 1 |
| 304 | 018 | 24222 | 784 | 12127 | 400 | 67705 | 348 | 73883 | 03 | 1 |
| 317 | 989 | 21202 | 600 | 01584 | 416 | 63801 | 400 | 66992 | 03 | 1 |
| 327 | 996 | 25216 | 974 | 27209 | 863 | 19168 | 608 | 51576 | 03 | 1 |
| 340 | 008 | 30242 | 962 | 29206 | 786 | 19021 | 758 | 16041 | 03 | 1 |
| 353 | 972 | 27801 | 957 | 29193 | 807 | 20012 | 400 | 64797 | 03 | 1 |
| 365 | 840 | 27101 | 816 | 23094 | 808 | 24089 | 566 | 00519 | 03 | 1 |
| 386 | 936 | 34531 | 928 | 35037 | 711 | 12555 | 655 | 07657 | 03 | 1 |
| 394 | 008 | 13101 | 987 | 11088 | 956 | 18104 | 904 | 21001 | 03 | 1 |
| 405 | 020 | 22180 | 907 | 15126 | 825 | 12084 | 745 | 10554 | 03 | 1 |
| 445 | 990 | 27236 | 972 | 28211 | 917 | 26163 | 886 | 26052 | 03 | 1 |
| 451 | 926 | 27177 | 913 | 30172 | 400 | 64808 | 263 | 90001 | 03 | 1 |
| 476 | 855 | 27527 | 846 | 30002 | 592 | 03553 | 552 | 50695 | 03 | 1 |
| 486 | 812 | 20532 | 797 | 74551 | 548 | 55721 | 474 | 62783 | 03 | 1 |
| 493 | 015 | 15108 | 006 | 13087 | 988 | 14097 | 960 | 21574 | 03 | 1 |
| 506 | 024 | 14133 | 952 | 17145 | 860 | 11107 | 823 | 12072 | 04 | 1 |
| 518 | 012 | 21165 | 841 | 12094 | 819 | 12015 | 726 | 09612 | 03 | 1 |
| 520 | 977 | 21156 | 923 | 20156 | 793 | 12098 | 515 | 57630 | 03 | 1 |
| 528 | 995 | 22189 | 951 | 22174 | 792 | 12063 | 742 | 08528 | 03 | 1 |
| 534 | 997 | 25215 | 987 | 30231 | 856 | 20158 | 840 | 22013 | 03 | 1 |
| 553 | 979 | 31243 | 796 | 19143 | 764 | 18063 | 636 | 07556 | 03 | 1 |
| 562 | 920 | 22143 | 912 | 24126 | 830 | 23154 | 820 | 24126 | 03 | 1 |
| 576 | 833 | 21004 | 825 | 24541 | 572 | 53633 | 466 | 64755 | 03 | 1 |
| 597 | 969 | 26012 | 672 | 50572 | 632 | 50663 | 587 | 53731 | 03 | 1 |
| 600 | 027 | 12113 | 961 | 15612 | 929 | 14681 | 896 | 13688 | 03 | 1 |
| 606 | 022 | 13135 | 930 | 15115 | 913 | 16045 | 874 | 16534 | 03 | 1 |
| 655 | 978 | 25200 | 912 | 19165 | 725 | 11108 | 717 | 09084 | 04 | 1 |
| 662 | 907 | 18087 | 890 | 23009 | 755 | 11525 | 733 | 11034 | 03 | 1 |
| 681 | 917 | 25051 | 910 | 26534 | 592 | 54644 | 526 | 60774 | 03 | 1 |
| 712 | 001 | 20188 | 974 | 24184 | 764 | 08042 | 744 | 06014 | 04 | 1 |
| 734 | 994 | 20195 | 962 | 23182 | 926 | 21143 | 880 | 22102 | 03 | 1 |
| 747 | 973 | 17128 | 957 | 22081 | 900 | 18018 | 877 | 19586 | 03 | 1 |
| 764 | 958 | 21049 | 950 | 26027 | 705 | 04654 | 533 | 59754 | 03 | 1 |
| 768 | 941 | 21514 | 925 | 23562 | 690 | 50675 | 676 | 50703 | 03 | 1 |
| 775 | 890 | 18529 | 884 | 19546 | 735 | 04607 | 670 | 50704 | 03 | 1 |
| 785 | 934 | 21016 | 770 | 06574 | 727 | 03651 | 625 | 55625 | 03 | 1 |
| 798 | 016 | 12081 | 935 | 07502 | 906 | 08613 | 863 | 06636 | 03 | 1 |
| 807 | 021 | 09076 | 943 | 12086 | 930 | 14091 | 610 | 59999 | 03 | 1 |
| 815 | 022 | 11086 | 922 | 12553 | 750 | 51523 | 575 | 69706 | 03 | 1 |
| 816 | 017 | 12072 | 946 | 09035 | 907 | 11062 | 713 | 51526 | 03 | 1 |
| 826 | 956 | 19117 | 980 | 93096 | 936 | 24066 | 728 | 05532 | 03 | 1 |
| 836 | 012 | 24139 | 977 | 27162 | 559 | 54628 | 477 | 60662 | 03 | 1 |
| 867 | 966 | 13101 | 984 | 11073 | 905 | 11062 | 805 | 04515 | 03 | 1 |
| 879 | 932 | 20045 | 754 | 04544 | 651 | 56610 | 607 | 60642 | 03 | 1 |
| 896 | 932 | 16042 | 915 | 16035 | 660 | 56572 | 400 | 81864 | 03 | 1 |
| 906 | 014 | 10057 | 972 | 17106 | 890 | 11006 | 687 | 00001 | 03 | 1 |
| 909 | 013 | 06002 | 970 | 08511 | 780 | 52685 | 747 | 52685 | 04 | 1 |
| 913 | 995 | 06053 | 957 | 17163 | 919 | 17133 | 723 | 02554 | 03 | 1 |
| 915 | 005 | 05047 | 936 | 04038 | 922 | 09072 | 794 | 02507 | 03 | 1 |
| 917 | 013 | 11528 | 815 | 54620 | 775 | 53635 | 556 | 67736 | 03 | 1 |
| 924 | 012 | 04021 | 889 | 02545 | 770 | 54558 | 631 | 61674 | 03 | 1 |
| 926 | 003 | 03022 | 970 | 02007 | 896 | 02001 | 868 | 03006 | 03 | 1 |
| 934 | 980 | 20033 | 758 | 00534 | 400 | 84995 | 101 | 68*** | 03 | 1 |
| 938 | | | | | | | | | | |
| 945 | 960 | 21101 | 912 | 18030 | 782 | 08521 | 673 | 53607 | 03 | 1 |
| 964 | 927 | 09055 | 791 | 00005 | 101 | 52*** | | | 03 | 1 |
| 968 | 015 | 05513 | 941 | 50578 | 917 | 50577 | 881 | 52584 | 02 | 1 |
| 74 | | | | | | | | | | |
| 043 | 001 | 13068 | 956 | 09033 | 923 | 09045 | 803 | 01502 | 03 | 1 |
| 072 | 014 | 03017 | 944 | 51522 | 920 | 02001 | 810 | 01629 | 03 | 1 |
| 074 | 014 | 06524 | 911 | 50568 | 873 | 53641 | 852 | 51701 | 03 | 1 |
| 109 | 014 | 11091 | 677 | 56581 | 565 | 64749 | 488 | 68796 | 03 | 1 |
| 188 | | | | | | | | | | |
| 76 | | | | | | | | | | |
| 458 | 011 | 28226 | 973 | 25215 | 956 | 26149 | 942 | 25172 | 02 | 1 |
| 491 | 976 | 31156 | 768 | 12082 | 651 | 03509 | 633 | 01591 | 02 | 1 |
| 644 | 013 | 27232 | 896 | 33206 | 760 | 11089 | 890 | 01663 | 03 | 1 |
| 679 | 776 | 16906 | 674 | 07055 | 634 | 04018 | 516 | 54567 | 03 | 1 |
| 78 | | | | | | | | | | |
| 016 | 022 | 24229 | 880 | 13115 | 828 | 13095 | 686 | 04512 | 03 | 1 |
| 325 | 011 | 24806 | 983 | 25218 | 874 | 18155 | 761 | 11066 | 03 | 1 |
| 501 | 013 | 27223 | 860 | 17155 | 657 | 06577 | 484 | 58760 | 03 | 1 |
| 525 | 016 | 26284 | 931 | 20172 | 796 | 18091 | 754 | 12024 | 03 | 1 |
| 741 | 005 | 25235 | 757 | 14073 | 460 | 60652 | 400 | 68712 | 03 | 1 |
| 806 | 021 | 09076 | 943 | 12086 | 930 | 14091 | 610 | 59999 | 03 | 1 |
| 862 | 015 | 24237 | 938 | 16165 | 790 | 10563 | 712 | 03569 | 04 | 1 |
| 967 | 015 | 24314 | 750 | 11001 | 400 | 67728 | | | 03 | 1 |
| 972 | 011 | 24248 | 931 | 20206 | 842 | 14092 | 765 | 11664 | 03 | 1 |
| 91 | | | | | | | | | | |
| 066 | 017 | 26107 | 947 | 20175 | 860 | 14113 | 798 | 16603 | 03 | 1 |
| 115 | 002 | 30251 | 931 | 23202 | 798 | 17110 | 771 | 15025 | 03 | 1 |

Additional Significant Level Data Will Be Found In Next Section.

## RADIOSONDE AND RAWINSONDE DATA. SIGNIFICANT LEVELS

| Index No. iii | 1st. 5th. etc. Level PPP | TTTTTddx | 2nd. 6th. etc. Level PPP | TTTTTddx | 3rd. 7th. etc. Level PPP | TTTTTddx | 4th. 8th. etc. Level PPP | TTTTTddx | Hour GG | Code Type |
|---|---|---|---|---|---|---|---|---|---|---|
| 01 | | | | | | | | | | |
| 001 | 778 | 02563 | 753 | 00593 | 460 | 67747 | 423 | 70789 | 03 | 8 |
| 030 | 645 | 56611 | 440 | 74809 | 412 | 76820 | 400 | 77835 | 03 | 5 |
| 384 | 889 | 10105 | 790 | 05031 | 400 | 78785 | 227 | 07*** | 03 | 8 |
| 415 | 858 | 08512 | 806 | 03564 | 675 | 53531 | 400 | 80813 | 03 | 8 |
| 02 | | | | | | | | | | |
| 057 | 650 | 54632 | 635 | 54638 | 569 | 59697 | 549 | 60708 | 03 | 8 |
| 077 | 493 | 63678 | 368 | 81858 | 201 | 11991 | 180 | 02995 | 04 | 5 |
| 084 | 580 | 59656 | 563 | 59699 | 497 | 66776 | 459 | 68809 | 03 | 8 |
| 03 | | | | | | | | | | |
| 005 | | | | | | | | | | |
| 026 | | | | | | | | | | |
| 171 | 475 | 90750 | 457 | 40720 | 237 | 34**0 | 230 | 40720 | 02 | 7 |
| 743 | | | | | | | | | | |
| 808 | | | | | | | | | | |
| 917 | | | | | | | | | | |
| 953 | 489 | 08 0 | 479 | 09 0 | 250 | 47**0 | 180 | 28**0 | 03 | 2 |
| 04 | | | | | | | | | | |
| 018 | 390 | 94091 | | | | | | | 03 | 1 |
| 202 | 627 | 66696 | 585 | 69816 | 498 | 78922 | 432 | 84958 | 03 | 1 |
| 231 | | | | | | | | | | |
| 270 | 400 | 88995 | 322 | 98991 | 303 | 95993 | 101 | 58*** | 03 | 1 |
| 06 | | | | | | | | | | |
| 011 | | | | | | | | | | |
| 260 | 673 | 54602 | 652 | 52669 | 621 | 54763 | 550 | 60863 | 03 | 8 |
| 447 | 748 | 02581 | 690 | 01663 | 620 | 52750 | 330 | 89**8 | 03 | 8 |
| 610 | 669 | 51588 | 578 | 55638 | 506 | 63693 | 404 | 74725 | 05 | 5 |
| 07 | | | | | | | | | | |
| 110 | 808 | 10524 | 741 | 04534 | 725 | 05539 | 698 | 03594 | 02 | 5 |
| 145 | 775 | 07007 | 700 | 02582 | 600 | 02568 | 610 | 51605 | 02 | 8 |
| 190 | 605 | 58678 | 510 | 64738 | 450 | 69773 | 638 | 82911 | 03 | 8 |
| 480 | 599 | 53783 | 574 | 54744 | 440 | 68862 | 358 | 81973 | 02 | 8 |
| 510 | 750 | 06051 | 700 | 03022 | 620 | 51533 | 570 | 53574 | 02 | 5 |
| 645 | 777 | 10521 | 750 | 10543 | 703 | 07613 | 680 | 05637 | 02 | 5 |
| 08 | | | | | | | | | | |
| 509 | 661 | 05579 | 506 | 59653 | 478 | 61693 | 400 | 70766 | 03 | 1 |
| 521 | 147 | 16994 | 140 | 15995 | 116 | 19990 | 074 | 19991 | 14 | 8 |
| 536 | 570 | 56994 | | | | | | | 14 | 8 |
| 10 | | | | | | | | | | |
| 384 | 632 | 53681 | | | | | | | 03 | 5 |
| 419 | | | | | | | | | | |
| 633 | 809 | 04525 | 760 | 02684 | 641 | 54723 | 623 | 56700 | 03 | 5 |
| 866 | 650 | 55701 | 620 | 56748 | 595 | 57683 | 555 | 60667 | 03 | 5 |
| 11 | | | | | | | | | | |
| 030 | 710 | 53533 | 400 | 79914 | 334 | 90981 | 297 | 97**7 | 03 | 5 |
| 567 | | | | | | | | | | |
| 16 | | | | | | | | | | |
| 240 | 524 | 61751 | 394 | 74899 | 227 | 02990 | | | 02 | 8 |
| 596 | 724 | 52960 | 138 | 20 0 | 133 | 22**0 | 075 | 26**0 | 14 | 2 |
| 17 | | | | | | | | | | |
| 606 | 280 | 79460 | 220 | 64410 | 135 | 15**0 | 083 | 01**0 | 14 | 2 |
| 40 | | | | | | | | | | |
| 648 | 408 | 06570 | 228 | 56 0 | | | | | 02 | 2 |
| 42 | | | | | | | | | | |
| 182 | 518 | 59 | 347 | 76 | 120 | 32*** | | | 15 | 8 |
| 339 | 565 | 52630 | 545 | 54 | 526 | 54*** | 448 | 57*** | 15 | 8 |
| 475 | 575 | 06030 | 528 | 06500 | 441 | 51580 | 266 | 76*** | 15 | 8 |
| 807 | | | | | | | | | | |
| 867 | | | | | | | | | | |
| 909 | | | | | | | | | | |
| 43 | | | | | | | | | | |
| 063 | 375 | 66 | 235 | 93 | 220 | 00000 | 190 | 07*** | 14 | 8 |
| 149 | | | | | | | | | | |
| 279 | | | | | | | | | | |
| 371 | | | | | | | | | | |
| 45 | | | | | | | | | | |
| 007 | 750 | 13090 | 650 | 07020 | 600 | 03530 | 550 | 51**0 | 22 | 8 |
| 47 | | | | | | | | | | |
| 580 | 595 | 01011 | 528 | 56563 | 101 | 55*** | | | 03 | 1 |
| 635 | 698 | 13508 | 640 | 08521 | 597 | 08637 | 450 | 56990 | 04 | 1 |
| 671 | 695 | 11543 | 587 | 05996 | 515 | 52994 | 432 | 63995 | 03 | 1 |
| 808 | 665 | 08511 | 638 | 07646 | 594 | 03570 | 525 | 52651 | 03 | 1 |
| 60 | | | | | | | | | | |
| 390 | 917 | 23091 | 890 | 23070 | 875 | 24062 | 850 | 24035 | 02 | 5 |
| 570 | 797 | 19502 | 752 | 16530 | 660 | 04631 | 586 | 53692 | 02 | 8 |
| 61 | | | | | | | | | | |
| 642 | 832 | 18990 | 815 | 18990 | 768 | 13994 | 712 | 10997 | 07 | 5 |
| 62 | | | | | | | | | | |
| 011 | 572 | 00692 | 508 | 57758 | 400 | 71995 | 294 | 90990 | 09 | 5 |
| 053 | 336 | 82500 | 322 | 84506 | 082 | | 087 | 04**0 | 08 | 7 |
| 366 | 830 | 15626 | 778 | 15 1 | 654 | 08**4 | 472 | 60**1 | 03 | 5 |
| 70 | | | | | | | | | | |
| 026 | 585 | 70743 | 540 | 74783 | 400 | 88925 | 318 | 98998 | 03 | 1 |
| 133 | 368 | 90941 | 270 | 93997 | 030 | 87992 | | | 03 | 1 |
| 200 | 724 | 51622 | 400 | 81858 | 350 | 89929 | 268 | 04997 | 03 | 1 |
| 204 | 780 | 01557 | 766 | 02682 | 744 | 03990 | 566 | 60996 | 03 | 1 |
| 219 | 605 | 60624 | 570 | 61774 | 540 | 64793 | 400 | 80926 | 03 | 1 |
| 231 | 609 | 61635 | 525 | 69711 | 407 | 81866 | 352 | 90953 | 03 | 1 |
| 261 | 400 | 88998 | 134 | 91995 | | | | | 03 | 1 |
| 273 | 670 | 61718 | 635 | 62762 | 600 | 64995 | 570 | 66817 | 03 | 1 |
| 291 | 400 | 88990 | 314 | 98993 | 226 | 91990 | | | 03 | 1 |
| 350 | 692 | 51622 | 580 | 64803 | 465 | 70798 | 449 | 7*868 | 04 | 1 |
| 361 | | | | | | | | | | |
| 381 | 400 | 86894 | 370 | 90931 | 314 | 00990 | 030 | 90998 | 03 | 1 |
| 398 | 400 | 89984 | 340 | 97993 | 097 | 95992 | 101 | 65*** | 03 | 1 |
| 409 | | | | | | | 323 | 90990 | 03 | 1 |
| 439 | | | | | 218 | 00992 | 127 | 96999 | 03 | 1 |
| 454 | | | | | | | | | | |
| 485 | | | | | | | | | | |
| 72 | | | | | | | | | | |
| 202 | 470 | 59688 | 444 | 61784 | 400 | 66995 | 272 | 88933 | 03 | 1 |
| 208 | 262 | 90952 | 120 | 21992 | 098 | 21990 | | | 03 | 1 |
| 211 | 400 | 68711 | 273 | 88927 | 140 | 22997 | 120 | 24992 | 03 | 1 |
| 219 | 356 | 73867 | 275 | 88945 | 140 | 20995 | | | 03 | 1 |
| 231 | 412 | 64711 | 400 | 65768 | 377 | 68836 | 352 | 72794 | 03 | 1 |
| 240 | 526 | 54725 | 457 | 61736 | 417 | 65803 | 400 | 67994 | 03 | 1 |
| 250 | 400 | 67794 | 378 | 70842 | 150 | 16993 | | | 03 | 1 |
| 253 | 630 | 04553 | 532 | 52706 | 400 | 66997 | 350 | 74874 | 03 | 1 |
| 259 | | | 259 | 90990 | 207 | 00990 | 101 | 69*** | 03 | 1 |
| 265 | 654 | 09642 | 558 | 00621 | 400 | 66834 | 264 | 90012 | 03 | 1 |
| 270 | 454 | 62996 | 439 | 63799 | 400 | 68885 | 101 | 68*** | 03 | 1 |
| 278 | 366 | 73784 | 316 | 82871 | 280 | 87984 | 127 | 22994 | 03 | 1 |
| 304 | 260 | 89981 | 166 | 10991 | 132 | 14993 | 120 | 13990 | 03 | 1 |
| 317 | 144 | 15997 | 078 | 14997 | | | | | 03 | 1 |
| 327 | | | | | | | | | | |
| 340 | 596 | 02682 | 400 | 66997 | 259 | 89995 | 146 | 16991 | 03 | 1 |
| 353 | 282 | 86961 | 270 | 89990 | 115 | 22994 | | | 03 | 1 |
| 365 | 475 | 60656 | 470 | 59641 | 457 | 59699 | 434 | 61672 | 03 | 1 |
| 386 | 623 | 06994 | 400 | 69998 | 140 | 18993 | 060 | 07997 | 03 | 1 |
| 394 | 798 | 15008 | 730 | 12633 | 400 | 70994 | 123 | 17996 | 03 | 1 |
| 405 | 561 | 54573 | 418 | 67738 | 400 | 70803 | 343 | 77896 | 03 | 1 |
| 445 | 676 | 10624 | 623 | 03518 | 580 | 50554 | 557 | 50708 | 03 | 1 |
| 451 | 153 | 16997 | 121 | 22990 | 077 | 16993 | | | 03 | 1 |
| 476 | 400 | 68990 | 308 | 81922 | 259 | 90952 | 226 | 95999 | 03 | 1 |
| 486 | 400 | 72990 | 283 | 90990 | 130 | 18994 | | | 03 | 1 |
| 493 | 817 | 15614 | 523 | 55726 | 400 | 71999 | 113 | 14999 | 03 | 1 |
| 506 | 812 | 11518 | 755 | 10591 | 604 | 00663 | 494 | 62709 | 04 | 1 |
| 518 | 660 | 04581 | 574 | 54693 | 480 | 61694 | 466 | 61734 | 03 | 1 |
| 520 | 473 | 60689 | 456 | 62784 | 421 | 65801 | 400 | 68771 | 03 | 1 |
| 528 | 687 | 04014 | 658 | 04593 | 634 | 04632 | 609 | 01581 | 03 | 1 |
| 534 | 782 | 17068 | 575 | 52643 | 568 | 50673 | 400 | 67995 | 03 | 1 |
| 553 | 564 | 51614 | 546 | 52701 | 470 | 60651 | 400 | 66798 | 03 | 1 |
| 562 | 795 | 23035 | 742 | 18538 | 480 | 60633 | 446 | 63703 | 03 | 1 |
| 576 | 400 | 73852 | 374 | 77900 | 288 | 89995 | 144 | 14994 | 03 | 1 |
| 597 | 437 | 69858 | 400 | 75885 | 373 | 79937 | 305 | 90990 | 03 | 1 |
| 600 | 876 | 13609 | 835 | 11043 | 761 | 06544 | 737 | 04509 | 03 | 1 |
| 606 | 767 | 09569 | 754 | 08532 | 708 | 07624 | 400 | 71857 | 03 | 1 |
| 655 | 606 | 04551 | 550 | 53634 | 539 | 53714 | 400 | 69995 | 04 | 1 |
| 662 | 612 | 01587 | 546 | 53715 | 400 | 71992 | 270 | 88994 | 03 | 1 |
| 681 | 400 | 74990 | 206 | 08993 | 075 | 06994 | | | 03 | 1 |
| 712 | 732 | 07597 | 670 | 04642 | 552 | 55994 | 516 | 59742 | 04 | 1 |
| 734 | 790 | 15044 | 664 | 05002 | 618 | 01626 | 538 | 56738 | 03 | 1 |
| 747 | 808 | 14602 | 795 | 13531 | 782 | 13626 | 735 | 08638 | 03 | 1 |
| 764 | 400 | 74852 | 356 | 79902 | 286 | 90990 | 195 | 01995 | 03 | 1 |
| 768 | 636 | 51994 | 400 | 80992 | 335 | 90990 | 235 | 20991 | 03 | 1 |
| 775 | 630 | 54994 | 587 | 58759 | 533 | 63791 | 400 | 81935 | 03 | 1 |
| 785 | 530 | 64711 | 442 | 71833 | 413 | 75827 | 400 | 76864 | 03 | 1 |
| 798 | 835 | 06501 | 674 | 54569 | 630 | 55649 | 608 | 57623 | 03 | 1 |
| 807 | 574 | 61999 | 548 | 63696 | 482 | 70713 | 453 | 71765 | 03 | 1 |
| 815 | 538 | 69855 | 400 | 83998 | 356 | 87998 | 252 | 06995 | 03 | 1 |
| 816 | 660 | 59657 | 493 | 71815 | 400 | 83994 | 355 | 90990 | 03 | 1 |
| 826 | 708 | 03581 | 657 | 00683 | 928 | 50684 | 568 | 56737 | 03 | 1 |
| 836 | 440 | 63672 | 400 | 68723 | 101 | 58*** | | | 03 | 1 |
| 867 | 734 | 51557 | 679 | 53588 | 400 | 79877 | 333 | 90991 | 03 | 1 |
| 879 | 593 | 60682 | 557 | 62749 | 533 | 64773 | 400 | 80998 | 03 | 1 |
| 896 | 348 | 89955 | 263 | 05990 | 254 | 03999 | 238 | 06995 | 03 | 1 |
| 906 | 342 | 61761 | 486 | 66745 | 438 | 72822 | 420 | 72990 | 03 | 1 |
| 909 | 388 | 62665 | 543 | 63673 | 101 | 54*** | | | 04 | 1 |
| 913 | 663 | 53635 | 614 | 58603 | 528 | 66816 | 440 | 75998 | 03 | 1 |
| 915 | 740 | 50564 | 710 | 50666 | 638 | 53991 | 555 | 59996 | 03 | 1 |
| 917 | 400 | 83999 | 358 | 90990 | 280 | 03990 | 131 | 90994 | 03 | 1 |
| 924 | 400 | 86925 | 376 | 89964 | 340 | 93997 | | | 03 | 1 |
| 926 | 824 | 01505 | 719 | 50577 | 101 | 53*** | | | 03 | 1 |
| 934 | 050 | 40 | 55 | | | | | | | |
| 938 | | | | | | | | | | |
| 945 | 589 | 58631 | 400 | 77821 | 252 | 00990 | 163 | 95993 | 03 | 1 |
| 964 | | | | | | | | | | |
| 968 | 824 | 52578 | 801 | 52589 | 772 | 53607 | 752 | 52607 | 02 | 1 |
| 74 | | | | | | | | | | |
| 043 | 773 | 01545 | 660 | 54598 | 646 | 55727 | 625 | 57657 | 03 | 1 |
| 072 | 752 | 51703 | 564 | 66825 | 400 | 83879 | 361 | 90990 | 03 | 1 |
| 074 | 650 | 60991 | 400 | 87995 | 337 | 97992 | 280 | 01997 | 03 | 1 |
| 109 | 447 | 71802 | 400 | 76867 | 342 | 86954 | 275 | 97993 | 03 | 1 |
| 188 | | | | | | | | | | |
| 76 | | | | | | | | | | |
| 458 | 616 | 01509 | 435 | 64184 | 400 | 67753 | 167 | 90983 | 02 | 1 |
| 491 | 597 | 00632 | 591 | 50594 | 564 | 51665 | 545 | 53622 | 02 | 1 |
| 644 | 460 | 60636 | 400 | 67990 | 150 | 18898 | | | 03 | 1 |
| 679 | 400 | 67702 | 304 | 8290( | | | | | 03 | 1 |
| 78 | | | | | | | | | | |
| 016 | | 01614 | 605 | 01556 | 400 | 71990 | 342 | 78992 | 03 | 1 |
| 325 | | | | | | | | | | |
| 501 | 458 | 60997 | 445 | 60996 | 400 | 66991 | 189 | 28996 | 03 | 1 |
| 525 | | | | | | | | | | |
| 741 | 345 | 64803 | 260 | 90954 | 135 | 21990 | | | 03 | 1 |
| 806 | 574 | 61999 | 548 | 63696 | 488 | 70713 | 453 | 71765 | 03 | 1 |
| 862 | 638 | 51523 | 566 | 55586 | 458 | 66778 | 101 | 58*** | 04 | 1 |
| 967 | | | | | | | | | | |
| 972 | 616 | 02747 | 575 | 52701 | 400 | | 275 | 90990 | 03 | 1 |
| 91 | | | | | | | | | | |
| 066 | 677 | 06538 | 643 | 06532 | 568 | 00673 | 468 | 58751 | 03 | 1 |
| 115 | 735 | 13060 | 580 | 02647 | 453 | 56990 | 400 | 65993 | 03 | 1 |

JULY 1 1949

# RADIOSONDE AND RAWINSONDE DATA

| Index No. iii | Station Name | 1000 mb. hhh | TTTTT ddx | dd | ff | 850 mb. hhh | TTTTT ddx | dd | ff | 700 mb. hhh | TTTTT ddx | dd | ff | 500 mb. hhh | TTTTT ddx | dd | ff | Hour GG | Code Type |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 182 | HONOLULU | 044 | 24165 | 05 | 15 | 504 | 13095 | 09 | 20 | 039 | 11999 | 12 | 16 | 937 | 55990 | 10 | 8 | 03 | 1 |
| 215 | HARMON FLD | 027 | 28238 | 12 | 6 | 493 | 17099 | 12 | 12 | 035 | 11565 | 11 | 24 | 926 | 57653 | 08 | 18 | 03 | 1 |
| 275 | JOHNSON IS | 039 | 27226 | 09 | 13 | 505 | 19109 | 10 | 22 | 045 | 13992 | 08 | 16 | 955 | 53645 | 10 | 7 | 03 | 1 |
| | BLOCK 98 | | | | | | | | | | | | | | | | | | |
| 645 | CEBU | 032 | 29225 | | | 494 | 15134 | | | 032 | 07018 | | | 926 | 55693 | | | 03 | 8 |
| QLL | OCEAN STA | | | | | | | | | | | | | | | | | | |
| 034 | 0 355 400 | 087 | 21195 | 03 | 5 | 544 | 13092 | 11 | 5 | 071 | 04504 | 27 | 3 | 941 | 62705 | 04 | 12 | 03 | 9 |
| 035 | 0 340 520 | 084 | 21197 | 24 | 5 | 540 | 12039 | 13 | 7 | 066 | 04596 | 18 | 13 | 944 | 50759 | 19 | 11 | 03 | 9 |
| 041 | 0 450 160 | 253 | 15150 | | | 640 | 01536 | | | 340 | 06564 | | | 030 | 58742 | | | 02 | 8 |
| 044 | 0 450 450 | 076 | 14071 | 25 | 14 | 522 | 08016 | 27 | 15 | 040 | 00568 | 26 | 21 | 897 | 65803 | 27 | 28 | 03 | 9 |
| 051 | 0 538 187 | 082 | 53448 | 22 | 12 | 518 | 42310 | 22 | 19 | 035 | 35980 | 23 | 39 | 901 | 18020 | 25 | 54 | 02 | 2 |
| 053 | 0 527 355 | 033 | 09091 | | | 472 | 04009 | | | 988 | 51607 | | | 844 | 66699 | | | 03 | 9 |
| 055 | 0 565 510 | 044 | 04004 | 32 | 13 | 472 | 50563 | 32 | 21 | 975 | 56664 | 33 | 28 | 817 | 68848 | 32 | 44 | 03 | 9 |
| 062 | 0 600 200 | 045 | 49410 | 22 | 33 | 480 | 36350 | 23 | 36 | 988 | 21140 | 26 | 47 | 831 | 99900 | 27 | 66 | 02 | 2 |
| 063 | 0 620 330 | 015 | 06056 | 26 | 16 | 450 | 50513 | 26 | 19 | 953 | 56642 | 27 | 26 | 793 | 71854 | 23 | 44 | 03 | 9 |
| 127 | 1 252 743 | 049 | 26201 | | | 510 | 13083 | | | 039 | 08991 | | | 925 | 55994 | | | 03 | 9 |
| 134 | 1 300 400 | 070 | 18151 | 05 | 17 | 519 | 12031 | 05 | 18 | 047 | 06566 | 05 | 21 | 929 | 58724 | 02 | 10 | 03 | 9 |
| 144 | 1 490 480 | 080 | 08089 | 29 | 20 | 523 | 10572 | 30 | 24 | 046 | 01619 | 30 | 32 | 911 | 63728 | 30 | 40 | 03 | 9 |
| 223 | 2 290 350 | 031 | 23 | | | 495 | 21 | | | 039 | 16••• | | | 952 | 02••• | | | 02 | 9 |
| 235 | 2 390 530 | 014 | 16 | | | 459 | 09 | | | 999 | 04••• | | | 902 | 57••• | | | 02 | 9 |
| 246 | 2 440 650 | 035 | 06019 | | | 469 | 02545 | | | 978 | 53615 | | | 824 | 69757 | | | 03 | 9 |
| 360 | 3 660 020 | 167 | 08087 | 17 | 20 | 495 | 03035 | 18 | 19 | 052 | 54540 | 20 | 15 | 639 | 68699 | 16 | 23 | 03 | 5 |
| | **JULY 2** | | | | | | | | | | | | | | | | | | |
| | BLOCK 01 | | | | | | | | | | | | | | | | | | |
| 001 | JAN MAYEN | 117 | 04038 | | | 440 | 50533 | | | 967 | 57631 | | | 510 | 74787 | | | 03 | 8 |
| 030 | TROMSO | 167 | 15104 | 00 | | 520 | 09032 | 25 | 6 | 112 | 53561 | 22 | 9 | 694 | 67736 | 23 | 11 | 03 | 5 |
| 384 | GARDERMOEN | 167 | 99999 | | | 518 | 07071 | | | 091 | 51511 | | | 696 | 67675 | | | 03 | 8 |
| 415 | SOLA | 225 | 09083 | | | 560 | 02562 | | | 130 | 50645 | | | 743 | 65802 | | | 03 | 8 |
| | BLOCK 02 | | | | | | | | | | | | | | | | | | |
| 057 | LULEA KALLAS | 179 | 16113 | | | 580 | 07517 | | | 119 | 00591 | | | 739 | 66752 | | | 04 | 8 |
| 077 | STOCKHOLM | 162 | 13093 | 06 | 8 | 540 | 08517 | 10 | 2 | 108 | 50572 | 04 | 10 | 703 | 68774 | 06 | 5 | 03 | 5 |
| 084 | GOTEBORG | 150 | 14137 | | | 510 | 08001 | | | 085 | 51593 | | | 687 | 67717 | | | 03 | 8 |
| | BLOCK 03 | | | | | | | | | | | | | | | | | | |
| 005 | LERWICK | 074 | 52490 | 22 | 6 | 511 | 38340 | 25 | 21 | 024 | 29050 | 24 | 10 | 878 | 04950 | 28 | 29 | 02 | 2 |
| 026 | STORNOWAY | 071 | 53480 | 19 | 18 | 510 | 43330 | 21 | 22 | 026 | 31270 | 24 | 31 | 890 | 07970 | 25 | 48 | 02 | 2 |
| 171 | LEUCHARS | 077 | 54440 | | | 521 | 44380 | | | 039 | 37890 | | | 910 | 10000 | | | 02 | 7 |
| 476 | DOWNHAM MKT | 082 | 04380 | 14 | 10 | 513 | 45190 | 03 | 9 | ••• | ••••• | | | ••• | ••••• | | | 02 | 2 |
| 743 | LARKHILL | 079 | 53450 | | | 525 | 48420 | 20 | 3 | 048 | 98700 | 30 | 7 | 921 | 14970 | 32 | 18 | 02 | 2 |
| 917 | ALDERGROVE | 077 | 53480 | 21 | 7 | 520 | 49190 | 22 | 13 | 043 | 39320 | 24 | 20 | 916 | 00980 | 27 | 30 | 03 | 2 |
| 953 | VALENTIA | 073 | 59 0 | 18 | 8 | 517 | 49 0 | | | 044 | 42••0 | | | 920 | 12••0 | | | 03 | 2 |
| | BLOCK 04 | | | | | | | | | | | | | | | | | | |
| 018 | KEFLAVIK | 027 | 08070 | 12 | 6 | 462 | 01514 | 13 | 16 | 967 | 57620 | 16 | 22 | 812 | 69721 | 19 | 20 | 03 | 1 |
| 202 | THULE | 039 | 51521 | 28 | 3 | 464 | 52567 | 06 | 6 | 962 | 60681 | 02 | 9 | 783 | 77849 | 04 | 21 | 03 | 1 |
| 231 | SDR STROMFRD | 101 | 58 | | | | | | | ••• | ••••• | | | ••• | ••••• | | | 03 | 1 |
| 270 | NARSSARSSUAK | 032 | 06031 | 00 | | 469 | 04512 | 01 | 5 | 976 | 56634 | 36 | 8 | 180 | 73825 | 36 | 27 | 03 | 1 |
| 339 | SCORESBYSUND | 044 | 03 | | | 468 | 51 | 03 | 14 | 969 | 59••• | 06 | 4 | ••• | ••••• | | | 03 | 5 |
| 360 | ANGMAGSSALIK | 085 | 06040 | | | 403 | 01580 | 05 | 15 | 925 | 60650 | 06 | 25 | 435 | 67840 | 07 | 28 | 03 | 5 |
| | BLOCK 06 | | | | | | | | | | | | | | | | | | |
| 180 | KOBENHAVN | 158 | 62114 | 31 | 5 | 515 | 06036 | 32 | 9 | 088 | 51588 | 34 | 5 | 674 | 69762 | 16 | 31 | 03 | 5 |
| 260 | DE BILT | 239 | 11091 | | | 580 | 05542 | | | 162 | 03733 | | | 820 | 63773 | | | 03 | 8 |
| 447 | UCCLE | 239 | 10076 | | | 527 | 07527 | | | 156 | 01678 | | | 795 | 62754 | | | 03 | 8 |
| 610 | PAYERNE | 195 | | | | 560 | 07046 | 05 | 18 | 140 | 01700 | 03 | 30 | 780 | 64824 | 36 | 30 | 05 | 5 |
| | BLOCK 07 | | | | | | | | | | | | | | | | | | |
| 110 | BREST | 220 | 20131 | | | 610 | 12025 | | | 220 | 06596 | | | 908 | 53761 | | | 02 | 8 |
| 145 | TRAPPES | 228 | 15122 | | | 610 | 09070 | | | 188 | 02754 | | | 82 | 62828 | | | 02 | 8 |
| 190 | STRASBOURG | 211 | 12093 | | | 560 | 06031 | | | 138 | 01561 | | | 760 | 64747 | | | 02 | 8 |
| 480 | LYON | 185 | | | | 560 | 13044 | | | 175 | 06534 | | | 840 | 62738 | | | 02 | 8 |
| 510 | BORDEAUX | 196 | 20123 | 08 | 16 | 600 | 11005 | 05 | 10 | 195 | 06745 | 35 | 6 | 870 | 59871 | 35 | 20 | 02 | 5 |
| 645 | NIMES | 153 | 22092 | | | 560 | 13017 | | | 166 | 09575 | 02 | 23 | 838 | 63795 | 34 | 30 | 02 | 5 |
| | BLOCK 08 | | | | | | | | | | | | | | | | | | |
| 509 | LAGENS | 078 | 18187 | 02 | 9 | 526 | 08066 | 03 | 5 | 048 | 04608 | 04 | 7 | 921 | 58707 | 23 | 10 | 03 | 1 |
| 521 | FUNCHAL | 118 | 22181 | | | 517 | 20070 | | | 151 | 07532 | | | 844 | 58756 | | | 14 | 8 |
| 536 | PORTELA | 118 | 35995 | | | 556 | 20046 | | | 203 | 09593 | | | 880 | 61697 | | | 14 | 8 |
| | BLOCK 10 | | | | | | | | | | | | | | | | | | |
| 384 | TEMPELHOF | 165 | 13112 | 31 | 20 | 521 | 09021 | 33 | 13 | 109 | 00527 | 26 | 8 | 712 | 67999 | 24 | 12 | 03 | 5 |
| 419 | ISERLOHN | | | | | 516 | 43210 | 33 | 21 | 036 | 37050 | 32 | 24 | 904 | 08760 | 32 | 31 | 02 | 2 |
| 633 | WIESBADEN | 217 | 11094 | 04 | 7 | 571 | 08051 | 32 | 11 | 157 | 02993 | 32 | 23 | 795 | 63998 | 34 | 36 | 03 | 5 |
| 866 | MUNCHEN RIEM | 199 | 99999 | 99 | 99 | 561 | 07041 | 34 | 13 | 133 | 50598 | 34 | 17 | 755 | 64689 | 02 | 15 | 03 | 5 |
| | BLOCK 11 | | | | | | | | | | | | | | | | | | |
| 030 | TULLN | 138 | | | | 500 | 08082 | 02 | 31 | 082 | 50506 | 02 | 29 | 700 | 65709 | 02 | 39 | 03 | 5 |
| 567 | PRAHA KBELY | 163 | | | | 510 | 08053 | | | 102 | 01510 | | | 735 | 64698 | | | 05 | 5 |
| | BLOCK 16 | | | | | | | | | | | | | | | | | | |
| 240 | ROMA CIAMPNO | 119 | 16040 | | | 496 | 11522 | | | 080 | 52595 | | | 673 | 68774 | | | 02 | 8 |
| 596 | QHENDI | | | | | 490 | 58500 | 21 | 12 | 021 | 00240 | 32 | 19 | 900 | 17770 | 29 | 40 | 02 | 2 |
| | BLOCK 17 | | | | | | | | | | | | | | | | | | |
| 606 | NICOSIA | | | | | 474 | 60410 | | | 011 | 48080 | | | 900 | 22930 | | | 02 | 8 |
| | BLOCK 40 | | | | | | | | | | | | | | | | | | |
| 427 | BAHREIN | | | | | 472 | 86360 | 32 | 22 | 027 | 61250 | 27 | 18 | 928 | 29910 | 07 | 9 | 14 | 2 |
| 648 | HABBANIYA | | | | | 477 | 77230 | 30 | 12 | 019 | 57010 | 27 | 16 | 919 | 31680 | 25 | 15 | 15 | 1 |
| | BLOCK 42 | | | | | | | | | | | | | | | | | | |
| 182 | NEW DELHI | 505 | | | | 141 | 24190 | | | 307 | 10050 | | | 577 | 60••• | | | 15 | 8 |
| 339 | JODHPUR | 503 | | | | 143 | 25140 | | | 310 | 10050 | | | 579 | 60••• | | | 15 | 8 |
| 475 | BAMRAULI AL | 503 | | | | 140 | 25140 | | | 307 | 11070 | | | 578 | 57570 | | | 15 | 8 |
| 807 | CALCUTTA | 501 | | | | 142 | 20190 | | | 308 | 13100 | | | 584 | 51••• | | | 15 | 8 |
| 867 | NAGPUR | 000 | | | | 143 | 22190 | | | 309 | 10100 | | | 582 | 54••• | | | 14 | 8 |
| 909 | VERAVAL | 001 | 29250 | | | 143 | 18150 | | | 309 | 11030 | | | 580 | 56••• | | | 14 | 8 |
| | BLOCK 43 | | | | | | | | | | | | | | | | | | |
| 063 | POONA | 004 | | | | 146 | 20170 | | | 312 | 13050 | | | 586 | 54••• | | | 14 | 8 |
| 149 | VIZAGAPATAM | 002 | | | | 145 | 21190 | | | 311 | 12110 | | | 587 | 50540 | | | 14 | 8 |
| 279 | MADRAS | 004 | 29240 | | | 148 | 20170 | | | 313 | 09040 | | | 583 | 57••• | | | 14 | 8 |
| 371 | TRIVANDRUM | 008 | 24220 | | | 149 | 18120 | | | 314 | 10070 | | | 587 | 57••• | | | 15 | 8 |
| | BLOCK 45 | | | | | | | | | | | | | | | | | | |
| 007 | KAI TAK | 009 | 26250 | | | 151 | 20160 | | | 316 | 11520 | | | 590 | 54••0 | | | 22 | 8 |
| | BLOCK 47 | | | | | | | | | | | | | | | | | | |
| 401 | WAKKANAI | 025 | 13111 | | | 469 | 10070 | | | 991 | 01561 | | | 854 | 62661 | | | 03 | 1 |
| 412 | SAPPORO OCMO | 028 | 19136 | | | 476 | 09065 | | | 998 | 02534 | | | 871 | 60687 | | | 03 | 1 |
| 580 | MISAWA | 029 | 17111 | 10 | 14 | 476 | 09061 | 08 | 6 | 998 | 02583 | 03 | 6 | 872 | 59990 | 32 | 21 | 03 | 1 |
| 600 | WAJIMA | 025 | 18159 | | | 471 | 10081 | | | 996 | 04009 | | | 879 | 54647 | | | 03 | 1 |
| 635 | NAGOYA | 023 | 25162 | 00 | | 486 | 17121 | 13 | 6 | 025 | 12538 | 28 | 25 | 931 | 50634 | 27 | 38 | 03 | 1 |
| 671 | TOKYO | 024 | 21121 | 07 | 11 | 477 | 13053 | 09 | 6 | 006 | 04503 | 25 | 18 | 894 | 53992 | 27 | 32 | 04 | 1 |
| 744 | YONAGO | 027 | 19164 | | | 474 | 13086 | | | 990 | 07537 | | | 861 | 54619 | | | 03 | 1 |
| 778 | SHIONOMISAKI | 025 | 24177 | | | 485 | 17105 | | | 023 | 13513 | | | 922 | 53637 | | | 05 | 1 |
| 808 | ITAZUKE | 020 | 20174 | 05 | 6 | 479 | 16131 | 24 | 18 | 014 | 08052 | 26 | 36 | 906 | 52553 | 26 | 52 | 03 | 1 |
| 827 | KAGOSHIMA | 024 | 27247 | 25 | 12 | 487 | 18152 | 22 | 21 | 019 | 06022 | 20 | 18 | 910 | 53564 | 19 | 37 | 03 | 1 |
| | BLOCK 60 | | | | | | | | | | | | | | | | | | |
| 120 | PORT LYAUTEY | 027 | 20185 | | | 492 | 22111 | | | 048 | 12573 | | | 932 | 61115 | | | 03 | 6 |
| 390 | M BLANCHE | 146 | 21134 | | | 550 | 17035 | | | 194 | 11521 | | | 886 | 60715 | | | 02 | 8 |
| 715 | TUNIS | 122 | 19174 | | | 510 | 14105 | | | 123 | 04530 | | | 797 | 59786 | | | 02 | 8 |
| | BLOCK 61 | | | | | | | | | | | | | | | | | | |
| 642 | DAKAR OUAKAM | 111 | 23228 | 32 | 7 | 510 | 18124 | 06 | 5 | 161 | 07057 | 08 | 6 | 851 | 58583 | 10 | 3 | 07 | 5 |
| | BLOCK 62 | | | | | | | | | | | | | | | | | | |
| 053 | BENINA | | | | | 491 | 64490 | | | 029 | 50190 | | | 922 | 23900 | | | 02 | 7 |
| 366 | FAROUK | | | | | 460 | 18034 | 32 | 9 | 090 | 06026 | 31 | 29 | 788 | 06997 | 27 | 20 | 03 | 5 |
| | BLOCK 70 | | | | | | | | | | | | | | | | | | |
| 026 | BARROW | 043 | 06018 | 13 | 15 | 472 | 54581 | 23 | 10 | 965 | 62691 | 21 | 7 | 786 | 77••• | 30 | 20 | 03 | 1 |
| 133 | KOTZEBUE | 041 | 13001 | 24 | 10 | 479 | 53573 | 11 | 6 | 970 | 58714 | 33 | 18 | 808 | 69997 | 34 | 51 | 03 | 1 |
| 200 | NOME | 045 | 03015 | 26 | 16 | 476 | 05541 | 29 | 16 | 998 | 51597 | 31 | 32 | 844 | 67732 | 33 | 51 | 03 | 1 |
| 204 | GAMBELL | 043 | 03021 | | | 484 | 10560 | | | 006 | 01571 | | | 866 | 65803 | | | 03 | 1 |
| 219 | BETHEL | 052 | 11038 | 31 | 9 | 491 | 06028 | 30 | 14 | 008 | 50663 | 30 | 20 | 866 | 66740 | | | 03 | 1 |
| 231 | MCGRATH | 045 | 08043 | 27 | 5 | 478 | 51531 | | | 979 | 57696 | | | 817 | 72771 | | | 03 | 1 |
| 261 | FRBNKS WEEKS | 043 | 08060 | 19 | 9 | 475 | 52531 | 23 | 23 | 974 | 61631 | 24 | 24 | 792 | 77815 | 24 | 27 | 03 | 1 |
| 273 | ANCH MERRILL | 044 | 10078 | 09 | 3 | 481 | 01514 | 20 | 27 | 987 | 55563 | 21 | 32 | 825 | 71751 | | | 03 | 1 |
| 291 | NORTHWAY | 033 | | | | 478 | 05546 | 32 | 3 | 986 | 57619 | | | 820 | 74796 | | | 03 | 1 |
| 350 | KODIAK | 101 | 42 | | | | | | | ••• | ••••• | | | ••• | ••••• | | | 03 | 1 |
| 361 | YAKUTAT | 060 | 08057 | 24 | 7 | 495 | 01551 | 29 | 9 | 996 | 57747 | 28 | 12 | 836 | 71777 | 29 | 22 | 03 | 1 |
| 381 | JUNEAU | 056 | 11054 | 24 | 8 | 493 | 00524 | | | 996 | 56661 | | | 840 | 70864 | | | 03 | 1 |
| 398 | ANNETTE IS | 063 | 09068 | 20 | 8 | 498 | 00520 | 28 | 11 | 999 | 59645 | 31 | 13 | 832 | 74995 | 36 | 20 | 03 | 1 |
| 439 | AMCHITKA | 101 | 42 | | | | | | | ••• | ••••• | | | ••• | ••••• | | | 03 | 1 |
| 485 | FORT GLENN | 101 | 59 | | | | | | | ••• | ••••• | | | ••• | ••••• | | | 03 | 1 |
| | BLOCK 72 | | | | | | | | | | | | | | | | | | |
| 202 | MIAMI | 054 | 27222 | 15 | 8 | 516 | 16126 | 15 | 10 | 051 | 08512 | 14 | 5 | 939 | 55728 | 12 | 9 | 03 | 1 |
| 208 | CHARLESTON | 047 | 22205 | 36 | 10 | 505 | 14139 | 03 | 2 | 038 | 08046 | 34 | 3 | 923 | 57631 | 19 | 2 | 04 | 1 |
| 211 | TAMPA | 052 | 27225 | 20 | 8 | 518 | 18122 | 18 | 15 | 056 | 09514 | 18 | 8 | 947 | 55616 | | | 04 | 1 |
| 219 | ATLANTA | 054 | | | | 516 | 15124 | 08 | 21 | 049 | 07037 | 07 | 15 | 932 | 58682 | | | 03 | 1 |
| 231 | NEW ORLEANS | 041 | 26238 | 31 | 9 | 508 | 18168 | 08 | 20 | 047 | 09053 | 06 | 14 | 943 | 54617 | 10 | 21 | 03 | 1 |
| 240 | LAKE CHARLES | 042 | 26222 | | | 508 | 18147 | | | 047 | 09012 | | | 933 | 57626 | | | 03 | 1 |
| 250 | BROWNSVILLE | 042 | 25227 | 11 | 5 | 511 | 21018 | 03 | 12 | 050 | 09084 | 04 | 13 | 941 | 54999 | 01 | 11 | 03 | 1 |
| 253 | SAN ANTONIO | 044 | | | | 515 | 21141 | 06 | 16 | 055 | 09504 | 06 | 24 | 948 | 55993 | 02 | 19 | 03 | 1 |
| 265 | BIG SPRING | 041 | | | | 519 | 24101 | 12 | 17 | 064 | 11518 | 10 | 10 | 958 | 56731 | 07 | 10 | 03 | 1 |
| 270 | EL PASO | 023 | | | | 507 | 28061 | | | 056 | 12014 | | | 949 | 56995 | | | 03 | 1 |
| 278 | PHOENIX | 023 | | | | 503 | 26104 | 29 | 8 | 050 | 11028 | 11 | 6 | 936 | 58616 | | | 03 | 1 |
| 304 | HATTERAS | 055 | 23219 | 13 | 20 | 516 | 15121 | 13 | 24 | 048 | 06049 | | | 934 | 56608 | | | 03 | 1 |
| 317 | GREENSBORO | 058 | | | | 518 | 16111 | 08 | 25 | 052 | 08507 | 07 | 23 | 940 | 56701 | 04 | 8 | 03 | 1 |
| 327 | NASHVILLE | 055 | | | | 522 | 17125 | 07 | 17 | 057 | 07509 | 06 | 17 | 942 | 56990 | 05 | 23 | 04 | 1 |
| 340 | LITTLE ROCK | 049 | 29226 | 02 | 7 | 518 | 20131 | 05 | 17 | 059 | 10565 | 05 | 33 | 949 | 55993 | 06 | 32 | 03 | 1 |
| 353 | OKLAHOMA CTY | 048 | | | | 520 | 23067 | 12 | 4 | 063 | 11553 | 13 | 7 | 953 | 55993 | 08 | 26 | 03 | 1 |
| 365 | ALBUQUERQUE | 019 | | | | 506 | | | | 057 | 14519 | 12 | 13 | 953 | 57731 | 14 | 13 | 03 | 1 |
| 386 | LAS VEGAS | 027 | | | | 508 | 26068 | 12 | 9 | 058 | 11029 | 29 | 10 | 946 | 57629 | | | 03 | 1 |
| 394 | SANTA MARIA | 048 | 12101 | 29 | 7 | 508 | 22023 | 11 | 11 | 050 | 11533 | 16 | 16 | 938 | 58651 | 09 | 17 | 03 | 1 |
| 405 | WASHINGTON | 650 | 22202 | 10 | 17 | 523 | 15121 | | | 056 | 07005 | | | 941 | 56709 | | | 03 | 1 |
| 445 | COLUMBIA | 057 | | | | 527 | 21144 | 07 | 7 | 070 | 11002 | 07 | 8 | 965 | 55645 | 36 | 19 | 05 | 1 |
| 451 | DODGE CITY | 041 | | | | 519 | 25117 | 19 | 17 | 068 | 13517 | 13 | 11 | 965 | 55648 | 10 | 6 | 03 | 1 |
| 476 | GRAND JUNC | 017 | | | | 501 | 32030 | 00 | | 058 | 17501 | 00 | | 957 | 56597 | 22 | 10 | 03 | 1 |
| 486 | ELY | 021 | | | | 501 | | | | 052 | 14580 | 25 | 6 | 941 | 57997 | 24 | 8 | 03 | 1 |
| 493 | OAKLAND | 047 | 18099 | 28 | 10 | 509 | 19501 | 28 | 8 | 047 | 10998 | 22 | 11 | 938 | 57998 | 20 | 20 | 03 | 1 |
| 506 | NANTUCKET | 071 | 18131 | 14 | 9 | 530 | 15073 | 17 | 7 | 062 | 07513 | 23 | 9 | 944 | 58668 | 22 | 4 | 03 | 1 |
| 518 | ALBANY | 065 | 22166 | 17 | 13 | 525 | 15996 | 26 | 5 | 058 | 07554 | 21 | 6 | 943 | 56673 | 20 | 9 | 03 | 1 |
| 520 | PITTSBURGH | 063 | | | | 523 | 15078 | 08 | 15 | 057 | 08593 | 04 | 5 | 947 | 53996 | | | 03 | 1 |
| 528 | BUFFALO | 058 | | | | 520 | 16111 | 22 | 4 | 054 | 08992 | 15 | 29 | ••• | ••••• | | | 03 | 1 |
| 534 | CHICAGO | 058 | 25234 | 04 | 4 | 528 | 21154 | 30 | 8 | 070 | 09035 | 02 | 8 | 960 | 56631 | 12 | 3 | 03 | 1 |
| 536 | TOLEDO | 055 | | | | 526 | 19131 | 33 | 4 | 063 | 07507 | 01 | 15 | 950 | 55688 | | | 03 | 1 |
| 553 | OMAHA | 055 | | | | 526 | 22167 | 19 | 15 | 069 | 11031 | 29 | 5 | 962 | 55722 | 34 | 16 | 03 | 1 |
| 562 | N PLATTE | 046 | | | | 521 | 24161 | 17 | 11 | 070 | 12039 | 20 | 6 | 964 | 57641 | 24 | 16 | 03 | 1 |
| 576 | LANDER | 017 | | | | 498 | | | | 052 | 14575 | 26 | 7 | 946 | 56995 | | | 03 | 1 |
| 597 | MEDFORD | 045 | | | | 510 | 17030 | 30 | 6 | 040 | 06561 | 21 | 15 | 916 | 62761 | 23 | 26 | 03 | 1 |
| 600 | SABLE ISLAND | 077 | 16141 | | | 527 | 11509 | | | 054 | 03655 | | | 918 | 66800 | | | 03 | 1 |
| 606 | PORTLAND | 070 | 16131 | 21 | 16 | 527 | 15509 | 29 | 13 | 061 | 07514 | 26 | 14 | 942 | 58995 | | | 03 | 1 |
| 655 | ST CLOUD | 058 | | | | 523 | 20541 | 13 | 11 | 060 | 08522 | 22 | 24 | 943 | 57998 | 27 | 36 | 03 | 1 |
| 662 | RAPID CITY | 037 | | | | 511 | 26089 | 18 | 18 | 060 | 13522 | 22 | 14 | 951 | 56997 | 26 | 32 | 03 | 1 |
| 681 | BOISE | 023 | | | | 503 | 26522 | 35 | 9 | 048 | 11599 | 24 | 20 | 930 | 59766 | 24 | 34 | 03 | 1 |
| 712 | CARIBOU | 058 | | | | 519 | 17111 | 25 | 20 | 052 | 06001 | 26 | 14 | 937 | 58755 | 28 | 23 | 03 | 1 |
| 734 | SAULT MARIE | 060 | | | | 521 | 17542 | 28 | 25 | 054 | 09990 | 29 | 25 | 937 | 58994 | 29 | 33 | 03 | 1 |
| 747 | INTL FALLS | 060 | | | | 519 | 15545 | 29 | 17 | 052 | 05619 | 28 | 32 | 924 | 60995 | 28 | 41 | 03 | 1 |
| 764 | BISMARCK | 038 | | | | 507 | 22013 | | | 047 | 08501 | | | 930 | 58996 | | | 03 | 1 |
| 768 | GLASGOW | 027 | | | | 499 | 22996 | 19 | 13 | 039 | 08581 | 26 | 23 | 914 | 62995 | | | 03 | 1 |
| 775 | GREAT FALLS | 020 | | | | 492 | 24501 | | | 036 | 10571 | | | 913 | 62754 | | | 03 | 1 |
| 785 | SPOKANE | 036 | | | | 500 | 17522 | 24 | 23 | 030 | 05642 | 24 | 35 | 900 | 62788 | | | 03 | 1 |
| 798 | TATOOSH IS | 070 | 09062 | 28 | 15 | 507 | 05614 | 31 | 10 | 021 | 52693 | 28 | 22 | 877 | 65772 | 27 | 44 | 03 | 1 |
| 807 | ARGENTIA | 076 | 12090 | | | 518 | 10045 | | | 046 | 01608 | | | 902 | 65990 | | | 03 | 1 |
| 815 | STEPHENVILLE | 062 | 15122 | 13 | 9 | 515 | 15031 | 28 | 29 | 044 | 04514 | 29 | 22 | 914 | 62634 | 32 | 27 | 05 | 1 |
| 816 | GOOSE | 027 | 23125 | 22 | 5 | 490 | 17071 | 27 | 17 | 021 | 04548 | 27 | 16 | 901 | 57668 | | | 03 | 1 |
| 826 | NITCHEQUON | 022 | | | | 479 | 14117 | | | 008 | 03014 | | | 881 | 62771 | | | | |

# RADIOSONDE AND RAWINSONDE DATA—Continued

| Index No. iii | 300 mb. hhh | TTTTT ddx | dd | ff | 200 mb. hhh | TTTTT ddx | dd | ff | 100 mb. hhh | TTTTT ddx | dd | ff | Hour GG | Code Type |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
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| 215 | 169 | 84996 | 10 | 30 | | | | | | | | | 03 | 1 |
| 275 | 101 | 43 | | | | | | | | | | | 03 | 1 |
| 98 | | | | | | | | | | | | | | |
| 645 | 178 | 82992 | | | 073 | 04993 | | | 441 | 26990 | | | 03 | 8 |
| QLL | | OCEAN STA | | | | | | | | | | | | |
| 034 | 101 | 43 | | | | | | | | | | | 03 | 9 |
| 035 | 159 | 88938 | | | 025 | 12994 | | | | | | | 03 | 9 |
| 041 | 977 | 96011 | | | 247 | 15 0 | | | 664 | 14••0 | | | 02 | 8 |
| 044 | 096 | 93997 | 26 | 43 | 959 | 03990 | 26 | 56 | 481 | 06994 | | | 03 | 9 |
| 051 | 115 | 61560 | 26 | 74 | | | | | | | | | 02 | 2 |
| 053 | 036 | 94995 | | | 913 | 98992 | | | | | | | 03 | 9 |
| 055 | 000 | 93990 | 32 | 40 | 896 | 92990 | | | | | | | 03 | 9 |
| 062 | 014 | 52 0 | 26 | 98 | | | | | | | | | 02 | 2 |
| 063 | 963 | 97990 | 25 | 52 | 850 | 91998 | 24 | 46 | | | | | 03 | 9 |
| 127 | 101 | 50 | | | | | | | | | | | 03 | 9 |
| 134 | 101 | 50 | | | | | | | | | | | 03 | 9 |
| 144 | 123 | 90971 | 30 | 33 | 987 | 11995 | | | 415 | 03996 | | | 03 | 9 |
| 223 | 254 | 65 | | | 224 | 82 | | | 736 | 03••• | | | 02 | 9 |
| 235 | 197 | 72 | | | 166 | 87 | | | | | | | 02 | 9 |
| 246 | 101 | 43 | | | | | | | | | | | 03 | 9 |
| 360 | 927 | 90918 | 17 | 27 | 194 | 02997 | 17 | 28 | 648 | 99998 | 17 | 9 | 03 | 5 |
| 01 | | | | | | | | | | | | | | |
| 001 | 906 | 93994 | | | | | | | | | | | 03 | 8 |
| 030 | 924 | 95 2 | 26 | 24 | 188 | 99 7 | | | 646 | 98••0 | | | 03 | 5 |
| 384 | 929 | 97979 | | | 190 | 02999 | | | | | | | 03 | 8 |
| 415 | 942 | 91031 | | | 209 | 99990 | | | | | | | 03 | 8 |
| 02 | | | | | | | | | | | | | | |
| 057 | 101 | 43 | | | | | | | | | | | 04 | 8 |
| 077 | 938 | 98999 | 02 | 14 | 180 | 14995 | 36 | 13 | | | | | 03 | 5 |
| 084 | 932 | 92993 | | | 198 | 00990 | | | 653 | 98991 | | | 03 | 8 |
| 03 | | | | | | | | | | | | | | |
| 005 | 073 | 56 0 | 27 | 45 | 928 | 56 0 | 27 | 45 | | | | | 02 | 2 |
| 026 | 098 | 61420 | 23 | 35 | | | | | | | | | 02 | 2 |
| 171 | 134 | 69 | | | 024 | 38 0 | | | 478 | 32••0 | | | 02 | 7 |
| 476 | 124 | 60510 | 31 | 45 | | | | | | | | | 02 | 2 |
| 743 | 141 | 63520 | 31 | 32 | | | | | | | | | 02 | 2 |
| 917 | 123 | 58 0 | 26 | 44 | | | | | | | | | 03 | 2 |
| 953 | 139 | 63 0 | | | 014 | 31 0 | | | 451 | 24••0 | | | 03 | 2 |
| 04 | | | | | | | | | | | | | | |
| 018 | 993 | 96990 | 22 | 34 | 866 | 94997 | | | 384 | 95996 | | | 03 | 1 |
| 202 | 944 | 91992 | 04 | 31 | 852 | 89992 | 34 | 6 | | | | | 03 | 1 |
| 231 | 101 | 58 | | | | | | | | | | | 03 | 1 |
| 270 | 978 | 96993 | 36 | 46 | 851 | 90998 | 36 | 37 | | | | | 03 | 1 |
| 339 | 101 | 43 | | | | | | | | | | | 03 | 5 |
| 360 | 101 | 43 | | | | | | | | | | | 03 | 5 |
| 06 | | | | | | | | | | | | | | |
| 180 | 927 | 85991 | 17 | 51 | 090 | 03210 | | | | | | | 03 | 1 |
| 260 | 955 | 86 | | | 227 | 03 | | | | | | | 03 | 8 |
| 447 | 499 | 89977 | | | 148 | 08 1 | | | 553 | 06••1 | | | 03 | 8 |
| 610 | 460 | 90 7 | 36 | 75 | 120 | 01 4 | 36 | 50 | | | | | 05 | 5 |
| 07 | | | | | | | | | | | | | | |
| 110 | 964 | 88963 | | | 232 | 07 7 | | | 662 | ••••7 | | | 02 | 8 |
| 145 | 953 | 92 1 | | | 216 | 10 4 | | | 645 | 11••0 | | | 02 | 8 |
| 190 | 942 | 93 0 | | | 204 | 10 4 | | | 645 | 05••1 | | | 02 | 8 |
| 480 | 956 | 90 1 | | | | | | | | | | | 02 | 8 |
| 510 | 961 | 88115 | 33 | 40 | 226 | 10 4 | 33 | 40 | | | | | 02 | 5 |
| 645 | 952 | 88027 | 35 | 80 | 221 | 06 4 | 34 | 66 | 651 | 11••0 | 34 | 55 | 02 | 5 |
| 08 | | | | | | | | | | | | | | |
| 509 | 101 | 43 | | | | | | | | | | | 03 | 1 |
| 521 | 962 | 8395 | | | 236 | 01993 | | | 664 | 18991 | | | 14 | 8 |
| 536 | 959 | 90993 | | | 224 | 06993 | | | 655 | 13999 | | | 14 | 8 |
| 10 | | | | | | | | | | | | | | |
| 384 | 101 | 43 | | | | | | | | | | | 03 | 5 |
| 419 | 112 | 59350 | 34 | 75 | 982 | 31 0 | 34 | 50 | | | | | 02 | 2 |
| 633 | 948 | 90990 | 35 | 67 | 214 | 06990 | | | 359 | 02994 | | | 03 | 5 |
| 866 | 940 | 94992 | 35 | 11 | | | | | | | | | 03 | 5 |
| 11 | | | | | | | | | | | | | | |
| 030 | 936 | 92 8 | 04 | 35 | 197 | 06 8 | 04 | 61 | | | | | 03 | 5 |
| 567 | 944 | 88990 | | | 210 | 09994 | | | 653 | 01994 | | | 05 | 5 |
| 16 | | | | | | | | | | | | | | |
| 240 | 282 | 95996 | | | 189 | 02992 | | | 632 | 06597 | | | 02 | 8 |
| 596 | 101 | 43 | | | | | | | | | | | 02 | 2 |
| 17 | | | | | | | | | | | | | | |
| 606 | 155 | 86550 | | | 082 | 60 0 | | | 606 | 08••0 | | | 02 | 8 |
| 40 | | | | | | | | | | | | | | |
| 427 | 207 | 80470 | | | 133 | 51 0 | 06 | 21 | 651 | 02••0 | | | 14 | 2 |
| 648 | 193 | 95410 | 24 | 24 | 106 | 45 0 | 24 | 27 | 512 | 02••0 | 20 | 21 | 15 | 2 |
| 42 | | | | | | | | | | | | | | |
| 182 | 959 | 79 | | | 238 | 96 | | | | | | | 15 | 8 |
| 339 | 961 | 80 | | | 234 | 01 | | | | | | | 15 | 8 |
| 475 | 957 | 83 | | | 230 | 04 | | | | | | | 15 | 8 |
| 807 | 101 | 43 | | | | | | | | | | | 15 | 8 |
| 867 | 101 | 43 | | | | | | | | | | | 14 | 8 |
| 909 | 101 | 43 | | | | | | | | | | | 14 | 8 |
| 43 | | | | | | | | | | | | | | |
| 063 | 101 | 43 | | | | | | | | | | | 14 | 8 |
| 149 | 101 | 43 | | | | | | | | | | | 14 | 8 |
| 279 | 963 | 82 | | | 236 | 04 | | | | | | | 14 | 8 |
| 371 | 968 | 81 | | | | | | | | | | | 15 | 8 |
| 45 | | | | | | | | | | | | | | |
| 007 | 101 | 50 | | | | | | | | | | | 22 | 8 |
| 47 | | | | | | | | | | | | | | |
| 401 | 072 | 89951 | | | 952 | 00992 | | | 447 | 97996 | | | 03 | 1 |
| 412 | 100 | 85995 | | | 002 | 97997 | | | 487 | 00993 | | | 03 | 1 |
| 580 | 101 | 43 | | | | | | | | | | | 03 | 1 |
| 600 | 139 | 79870 | | | 054 | 96991 | | | 501 | 11990 | | | 03 | 1 |
| 635 | 101 | 43 | | | | | | | | | | | 03 | 1 |
| 671 | 152 | 79999 | 28 | 50 | 061 | 00990 | 26 | 77 | 501 | 08995 | | | 04 | 1 |
| 744 | 084 | 73788 | | | 981 | 95990 | | | 367 | 06995 | | | 03 | 1 |
| 778 | 188 | 76841 | | | 109 | 97997 | | | 538 | 12991 | | | 05 | 1 |
| 808 | 156 | 73993 | | | | | | | | | | | 03 | 1 |
| 827 | 187 | 75811 | | | 099 | 98997 | | | 519 | 16995 | | | 03 | 1 |
| 60 | | | | | | | | | | | | | | |
| 120 | 101 | 43 | | | | | | | | | | | 03 | 6 |
| 390 | 963 | 88991 | | | 232 | 03114 | | | | | | | 02 | 8 |
| 715 | 522 | 78 | | | | | | | | | | | 02 | 8 |
| 61 | | | | | | | | | | | | | | |
| 642 | 101 | 43 | | | | | | | | | | | 07 | 5 |
| 62 | | | | | | | | | | | | | | |
| 053 | 174 | 81470 | | | 089 | 45 | | | 495 | 07••0 | | | 02 | 7 |
| 366 | 101 | 43 | | | | | | | | | | | 03 | 5 |
| 70 | | | | | | | | | | | | | | |
| 026 | | | | | | | | | | | | | | |
| 133 | | | | | | | | | | | | | | |
| 200 | | | | | | | | | | | | | | |
| 204 | | | | | | | | | | | | | | |
| 219 | 062 | 93999 | | | 921 | 00998 | | | 416 | 96999 | | | 03 | 1 |
| 231 | | | | | | | | | | | | | | |
| 261 | | | | | | | | | | | | | | |
| 273 | 998 | 98993 | | | 875 | 94995 | | | | | | | 03 | 1 |
| 291 | | | | | | | | | | | | | | |
| 350 | 101 | 42 | | | | | | | | | | | 03 | 1 |
| 361 | | 98999 | 29 | 34 | | | | | | | | | 03 | 1 |
| 381 | 007 | 00991 | | | 876 | 96999 | | | 394 | 95991 | | | 03 | 1 |
| 398 | | | | | | | | | | | | | | |
| 439 | 101 | 42 | | | | | | | | | | | 03 | 1 |
| 485 | 101 | 59 | | | | | | | | | | | 03 | 1 |
| 72 | | | | | | | | | | | | | | |
| 202 | 189 | 82933 | 13 | 9 | 079 | 05995 | 13 | 20 | 452 | 18999 | 14 | 33 | 03 | 1 |
| 208 | 170 | 82948 | 26 | 15 | 066 | 03990 | 29 | 20 | | | | | 04 | 1 |
| 211 | 201 | 80906 | | | 101 | 03991 | | | 483 | 22996 | | | 04 | 1 |
| 219 | 179 | 82998 | | | 073 | 02999 | | | 451 | 23997 | | | 03 | 1 |
| 231 | 198 | 79899 | 12 | 10 | 102 | 02990 | 12 | 20 | 496 | ••••• | | | 03 | 1 |
| 240 | 182 | 81927 | | | 076 | 05997 | | | 433 | ••••• | | | 03 | 1 |
| 250 | 193 | 80993 | 16 | 9 | 097 | 02990 | 12 | 22 | | | | | 03 | 1 |
| 253 | 101 | 50 | | | | | | | | | | | 03 | 1 |
| 265 | 207 | 81994 | 08 | 16 | 107 | 03992 | 14 | 19 | 479 | 22993 | 12 | 18 | 03 | 1 |
| 270 | 189 | 85990 | | | | | | | | | | | 03 | 1 |
| 278 | 174 | 85925 | | | 053 | 08995 | | | 428 | ••••• | | | 03 | 1 |
| 304 | 177 | 84914 | | | 067 | 03995 | | | 465 | ••••• | | | 03 | 1 |
| 317 | 185 | 81995 | 03 | 23 | 093 | 98998 | 06 | 30 | 508 | ••••• | | | 03 | 1 |
| 327 | 191 | 82995 | 05 | 23 | 089 | 03992 | 06 | 30 | | | | | 04 | 1 |
| 340 | 204 | 82991 | 07 | 26 | 099 | 03994 | 08 | 54 | 490 | 21995 | 11 | 31 | 03 | 1 |
| 353 | 200 | 84996 | 09 | 31 | 090 | 04997 | 12 | 17 | | | | | 03 | 1 |
| 365 | 200 | 83998 | 12 | 16 | 087 | 05996 | 13 | 33 | | | | | 03 | 1 |
| 386 | 184 | 85911 | | | 066 | 09990 | | | | | | | 03 | 1 |
| 394 | 171 | 85990 | 16 | 32 | 057 | 05992 | 18 | 64 | 458 | 14993 | 17 | 28 | 03 | 1 |
| 405 | 187 | 82991 | | | 090 | 01990 | | | 496 | 19999 | | | 03 | 1 |
| 445 | 222 | 81998 | 03 | 5 | 121 | 03993 | 09 | 11 | | | | | 05 | 1 |
| 451 | 217 | 84942 | | | 107 | 04998 | | | 480 | 19999 | | | 03 | 1 |
| 476 | 205 | 81874 | 22 | 25 | 100 | 03998 | 19 | 38 | | | | | 03 | 1 |
| 486 | 166 | 87902 | | | 044 | 07999 | | | 413 | ••••• | | | 03 | 1 |
| 493 | 166 | 88954 | 20 | 31 | 044 | 05992 | | | 459 | 12998 | | | 03 | 1 |
| 506 | 101 | 50 | | | | | | | | | | | 03 | 1 |
| 518 | 196 | 82994 | 35 | 10 | 092 | 03993 | | | 488 | 17996 | | | 03 | 1 |
| 520 | 208 | 82990 | | | 110 | 02990 | | | 505 | 20991 | | | 03 | 1 |
| 528 | 101 | 50 | | | | | | | | | | | 03 | 1 |
| 534 | 215 | 80998 | | | 112 | 04993 | | | 492 | ••••• | | | 03 | 1 |
| 536 | 205 | 80919 | | | 104 | 03993 | | | 485 | 19997 | | | 03 | 1 |
| 553 | 213 | 83990 | | | | | | | | | | | 03 | 1 |
| 562 | 101 | 50 | | | | | | | | | | | 03 | 1 |
| 576 | 185 | 85939 | | | 071 | 06995 | | | 453 | 16993 | | | 03 | 1 |
| 597 | 127 | 91995 | 22 | 41 | | | | | | | | | 03 | 1 |
| 600 | 103 | 98991 | | | 951 | 10996 | | | | | | | 03 | 1 |
| 606 | 182 | 84924 | | | 070 | 04999 | | | 466 | ••••• | | | 03 | 1 |
| 655 | 184 | 82996 | 27 | 68 | 082 | 02990 | | | 481 | 14997 | | | 03 | 1 |
| 662 | 193 | 84941 | 25 | 53 | 081 | 03998 | | | 475 | ••••• | | | 03 | 1 |
| 681 | 154 | 88993 | 24 | 63 | 033 | 03999 | | | 452 | 09991 | | | 03 | 1 |
| 712 | 176 | 83884 | 31 | 43 | 074 | 02997 | 30 | 39 | | | | | 03 | 1 |
| 734 | 171 | 81999 | | | 069 | 02997 | | | | | | | 03 | 1 |
| 747 | 145 | 88992 | 26 | 50 | 027 | 03999 | | | 452 | ••••• | | | 03 | 1 |
| 764 | 158 | 86990 | | | 047 | 04993 | | | 460 | ••••• | | | 03 | 1 |
| 768 | 122 | 89997 | | | 991 | 06993 | | | 417 | 11992 | | | 03 | 1 |
| 775 | 122 | 91998 | | | 992 | 05992 | | | 428 | 05992 | | | 03 | 1 |
| 785 | 105 | 92996 | | | | | | | | | | | 03 | 1 |
| 798 | 074 | 93991 | 25 | 57 | | | | | | | | | 03 | 1 |
| 807 | 126 | 90990 | | | 999 | 06993 | | | | | | | 03 | 1 |
| 815 | 189 | 88995 | 35 | 73 | 011 | 03995 | 36 | 95 | 448 | 08995 | | | 05 | 1 |
| 816 | 147 | 87952 | 32 | 35 | | | | | | | | | 03 | 1 |
| 826 | 108 | 86991 | | | 989 | 03991 | | | | | | | 03 | 1 |

# RADIOSONDE AND RAWINSONDE DATA. SIGNIFICANT LEVELS

| Index No. iii | 1st. 5th. etc. Level PPP | TTTTT ddx | 2nd. 6th. etc. Level PPP | TTTTT ddx | 3rd. 7th. etc. Level PPP | TTTTT ddx | 4th. 8th. etc. Level PPP | TTTTT ddx | Hour GG | Code Type |
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| 215 | 003 | 29236 | 955 | 23204 | 797 | 17027 | 716 | 10561 | 03 | 1 |
| 275 | 013 | 28231 | 950 | 24212 | 810 | 16054 | 795 | 16052 | 03 | 1 |
| 98 | | | | | | | | | | |
| 645 | 006 | 30223 | 800 | 13127 | 681 | 06506 | 650 | 07545 | 03 | 8 |
| QLL | | OCEAN | STA | | | | | | | |
| 034 | 030 | 24203 | 618 | 52584 | 592 | 54673 | 550 | 57735 | 03 | 9 |
| 035 | 029 | 24213 | 952 | 18141 | 924 | 18124 | 827 | 12002 | 03 | 9 |
| 041 | 030 | 18154 | 030 | 18158 | 030 | 18158 | | 15150 | 02 | 8 |
| 044 | 027 | 15112 | 008 | 12072 | 995 | 14077 | 929 | 13013 | 03 | 9 |
| 051 | 030 | 56460 | | | | | | | 02 | 2 |
| 053 | 011 | 09098 | 908 | 06065 | 831 | 05007 | 737 | 01627 | 03 | 9 |
| 055 | 016 | 05015 | 889 | 53564 | 850 | 50563 | 400 | 80945 | 03 | 9 |
| 062 | 017 | 50490 | | | | | | | 02 | 2 |
| 063 | 005 | 06067 | 927 | 03026 | 896 | 03037 | 635 | 60755 | 03 | 9 |
| 127 | 017 | 27213 | 900 | 16134 | 816 | 10049 | 782 | 12579 | 03 | 9 |
| 134 | 024 | 20163 | 870 | 07056 | 860 | 11019 | 831 | 12067 | 03 | 9 |
| 144 | 029 | 10093 | 962 | 07071 | 887 | 10096 | 873 | 08524 | 03 | 9 |
| 223 | 011 | 23 | 940 | 23 | 757 | 18••• | 563 | 09••• | 02 | 9 |
| 235 | 005 | 16 | 589 | 55 | 420 | 62••• | 232 | 82••• | 02 | 9 |
| 246 | 012 | 03061 | 900 | 00522 | 880 | 03528 | 778 | 50573 | 03 | 9 |
| 360 | 020 | 09089 | 796 | 00000 | 434 | 75760 | 400 | 80810 | 03 | 5 |
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| 001 | 014 | 04032 | 970 | 05051 | 742 | 56603 | 565 | 67703 | 03 | 8 |
| 030 | 018 | 14093 | 971 | 17108 | 731 | 51536 | 680 | 54579 | 03 | 5 |
| 384 | 996 | 11114 | 947 | 08084 | 887 | 09091 | 722 | 50505 | 03 | 8 |
| 415 | 025 | 09089 | 976 | 08061 | 937 | 07011 | 820 | 03576 | 03 | 8 |
| 02 | | | | | | | | | | |
| 057 | 021 | 13108 | 995 | 17112 | 955 | 15076 | 837 | 06525 | 04 | 8 |
| 077 | 017 | 11098 | 978 | 15099 | 811 | 08543 | 597 | 60684 | 03 | 5 |
| 084 | 017 | 15136 | 868 | 09011 | 641 | 53626 | 583 | 61681 | 03 | 8 |
| 03 | | | | | | | | | | |
| 005 | 018 | 50980 | | | | | | | 02 | 2 |
| 026 | 024 | 30500 | | | | | | | 02 | 2 |
| 171 | 028 | 55490 | 981 | 54440 | 963 | 56500 | 791 | 35240 | 02 | 7 |
| 476 | 026 | 49480 | | | | | | | 02 | 2 |
| 743 | 013 | 50460 | 577 | 57430 | 940 | 56450 | | | 02 | 2 |
| 917 | 020 | 50440 | | | | | | | 03 | 2 |
| 953 | 025 | 58 0 | 900 | 46 0 | 798 | 53••0 | 205 | 31••0 | 03 | 2 |
| 04 | | | | | | | | | | |
| 018 | 004 | 08072 | 684 | 58634 | 667 | 57617 | 585 | 63520 | 03 | 1 |
| 202 | 010 | 50515 | 954 | 53544 | 946 | 50519 | 907 | 50513 | 03 | 1 |
| 231 | | | | | | | | | | |
| 270 | 011 | 06038 | 881 | 06010 | 400 | 85970 | 385 | 84891 | 03 | 1 |
| 339 | 010 | 42 | 960 | 04 | 760 | 55••• | 525 | 72••• | 03 | 5 |
| 360 | 004 | 06 | 950 | 04520 | 931 | 05520 | 771 | 56610 | 03 | 5 |
| 06 | | | | | | | | | | |
| 180 | 019 | 13119 | 978 | 10099 | 968 | 12117 | 613 | 58656 | 03 | 5 |
| 260 | 029 | 09086 | 020 | 11117 | 951 | 09031 | 897 | 06510 | 03 | 8 |
| 447 | 017 | 10097 | 875 | 06525 | 855 | 07519 | 583 | 55691 | 03 | 8 |
| 610 | 966 | 10091 | 925 | 13086 | 833 | 05049 | 795 | 02509 | 05 | 5 |
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| 145 | 007 | 16112 | 910 | 14111 | 817 | 07046 | 795 | 08561 | 02 | 8 |
| 190 | 007 | 11098 | 980 | 13110 | 940 | 13110 | 903 | 11082 | 02 | 8 |
| 480 | 999 | 17083 | 966 | 18106 | 931 | 18108 | 765 | 07520 | 02 | 8 |
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| 645 | 011 | 22114 | 990 | 21085 | 965 | 19071 | 930 | 19071 | 02 | 5 |
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| 509 | 015 | 19197 | 860 | 08085 | 847 | 08064 | 803 | 05538 | 03 | 1 |
| 521 | 007 | 23195 | 922 | 16151 | 884 | 1610• | 872 | 20097 | 14 | 8 |
| 536 | 004 | 37111 | 964 | 31056 | 768 | 16556 | 565 | 55623 | 14 | 8 |
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| 384 | 014 | 14121 | 942 | 09084 | 894 | 11091 | 842 | 08017 | 03 | 5 |
| 419 | 997 | 50460 | | | | | | | 02 | 2 |
| 633 | 010 | 11094 | 886 | 09034 | 858 | 08080 | 830 | 08641 | 03 | 5 |
| 866 | 962 | 13084 | 712 | 50611 | 638 | 54543 | 503 | 60685 | 03 | 5 |
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| 567 | 986 | 13118 | 895 | 08051 | 865 | 08056 | 640 | 52533 | 05 | 5 |
| 16 | | | | | | | | | | |
| 240 | 009 | 15086 | 978 | 18041 | 639 | 57611 | | | 02 | 8 |
| 596 | 993 | 68660 | | | | | | | 02 | 2 |
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| 606 | 981 | 65507 | 961 | 72540 | 836 | 59400 | 687 | 47080 | 02 | 5 |
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| 427 | 996 | 95750 | 981 | 91700 | 958 | 98490 | 946 | 99510 | 14 | 2 |
| 648 | 995 | 03360 | 730 | 57040 | 710 | 58030 | 687 | 56880 | 15 | 1 |
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| 339 | 973 | 35180 | 645 | 04560 | 546 | 56590 | 485 | 61••• | 15 | 8 |
| 475 | 983 | 36200 | 594 | 50500 | 455 | 58••• | 356 | 75••• | 15 | 8 |
| 807 | 998 | 28270 | 559 | 04021 | 330 | 69••• | | | 15 | 8 |
| 867 | 968 | 25230 | 908 | 25210 | 662 | 06060 | 561 | 53••• | 14 | 8 |
| 909 | 000 | 29250 | 978 | 28830 | 923 | 22200 | 789 | 15050 | 14 | 8 |
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| 063 | 943 | 25210 | 870 | 20170 | 365 | 66••• | 320 | 73••• | 14 | 8 |
| 149 | 997 | 25250 | 434 | 57 | | | | | 14 | 8 |
| 279 | 003 | 29250 | 745 | 11110 | 614 | 00000 | 386 | 68••• | 14 | 8 |
| 371 | 002 | 24220 | 530 | 53550 | 465 | 59••• | 210 | 97••• | 15 | 8 |
| 45 | | | | | | | | | | |
| 007 | 010 | 27250 | 950 | 26240 | 900 | 22180 | 800 | 16130 | 22 | 8 |
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| 412 | 008 | 20144 | 952 | 15112 | 901 | 12083 | 780 | 07012 | 03 | 1 |
| 580 | 006 | 17119 | 858 | 08068 | 844 | 09065 | 776 | 06661 | 03 | 1 |
| 600 | 008 | 19161 | 925 | 13103 | 840 | 06024 | 587 | 00588 | 03 | 1 |
| 635 | 006 | 25165 | 892 | 19153 | 818 | 15095 | 750 | 14061 | 03 | 1 |
| 671 | 008 | 21125 | 870 | 12066 | 730 | 07031 | 685 | 04502 | 04 | 1 |
| 744 | 009 | 20171 | 960 | 17147 | 893 | 16111 | 800 | 12058 | 03 | 1 |
| 778 | 000 | 24177 | 951 | 24161 | 791 | 16045 | 417 | 65743 | 05 | 1 |
| 808 | 006 | 20174 | 957 | 21181 | 873 | 16134 | 853 | 16147 | 03 | 1 |
| 827 | 008 | 27242 | 907 | 22182 | 745 | 08061 | 688 | 04018 | 03 | 1 |
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| 390 | 014 | 16114 | 986 | 25140 | 855 | 07047 | 768 | 13012 | 02 | 8 |
| 715 | 014 | 20179 | | | 849 | 14109 | 730 | 07007 | 02 | 8 |
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| 642 | 008 | 24225 | 925 | 21210 | 957 | 21148 | 829 | 17109 | 07 | 5 |
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| 053 | 999 | 96610 | 990 | 71660 | 923 | 65640 | 825 | 61420 | 02 | 7 |
| 366 | 998 | 23027 | 960 | 24559 | 660 | 03704 | 644 | 05230 | 03 | 5 |
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| 026 | 015 | 09022 | 875 | 52555 | 810 | 56628 | 731 | 61654 | 03 | 1 |
| 133 | 015 | 05023 | | 66815 | 400 | 82933 | | | 03 | 1 |
| 200 | 016 | 06041 | 866 | 00521 | 836 | 05650 | 822 | 04657 | 03 | 1 |
| 204 | 015 | 03038 | 976 | 01014 | 963 | 07062 | 907 | 12032 | 03 | 1 |
| 219 | 018 | 15073 | 900 | 04014 | 872 | 07046 | 828 | 06501 | 03 | 1 |
| 231 | 004 | 08046 | 884 | 00516 | 778 | 54564 | 636 | 61763 | 03 | 1 |
| 261 | 000 | 08060 | 869 | 51520 | 400 | 89935 | | | 03 | 1 |
| 273 | 011 | 11086 | 962 | 09022 | 562 | 67718 | 400 | 82861 | 03 | 1 |
| 291 | 951 | 14011 | 939 | 13523 | 670 | 60635 | 654 | 59626 | 03 | 1 |
| 350 | | | | | | | | | | |
| 361 | 021 | 10052 | 885 | 02506 | 758 | 55724 | 618 | 60178 | 03 | 1 |
| 381 | 028 | 12067 | 802 | 53542 | 594 | 61775 | 400 | 88867 | 03 | 1 |
| 398 | 019 | 11080 | 780 | 55561 | 628 | 60777 | 400 | 87985 | 03 | 1 |
| 439 | | | | | | | | | | |
| 485 | | | | | | | | | | |
| 72 | | | | | | | | | | |
| 202 | 018 | 28231 | 610 | 02603 | 558 | 53592 | 522 | 55686 | 03 | 1 |
| 208 | 015 | 23214 | 890 | 16158 | 550 | 54563 | 536 | 53589 | 04 | 1 |
| 211 | 017 | 27231 | 935 | 22197 | 654 | 06511 | 524 | 54693 | 04 | 1 |
| 219 | 985 | 24201 | 824 | 13106 | 797 | 13092 | 728 | 07039 | 03 | 1 |
| 231 | 014 | 27844 | 953 | 24286 | 640 | 07011 | 424 | 62731 | 03 | 1 |
| 240 | 400 | 65716 | 268 | 89000 | 124 | 24998 | 115 | 85991 | 03 | 1 |
| 250 | 014 | 26226 | 978 | 24203 | 942 | 25118 | 817 | 19535 | 03 | 1 |
| 253 | 988 | 28221 | 973 | 30217 | 767 | 14053 | 733 | 12519 | 03 | 1 |
| 265 | 931 | 29098 | 922 | 30118 | 807 | 20091 | 725 | 14551 | 03 | 1 |
| 270 | 884 | 31083 | 666 | 08505 | 540 | 52712 | 400 | 68999 | 03 | 1 |
| 278 | 971 | 36137 | 606 | 01525 | 546 | 54563 | 472 | 60668 | 03 | 1 |
| 304 | 019 | 23224 | 978 | 23817 | 560 | 51537 | 400 | 68749 | 03 | 1 |
| 317 | 989 | 22188 | 716 | 09035 | 674 | 07581 | 642 | 04511 | 03 | 1 |
| 327 | 999 | 26223 | 984 | 27205 | 525 | 55733 | 400 | 66998 | 04 | 1 |
| 340 | 008 | 29231 | 998 | 29226 | 762 | 14044 | 735 | 13547 | 03 | 1 |
| 353 | 973 | 27202 | 964 | 30184 | 892 | 25143 | 615 | 02582 | 03 | 1 |
| 365 | 842 | 29062 | 817 | 27012 | 553 | 52560 | 547 | 51626 | 03 | 1 |
| 386 | 939 | 33114 | 918 | 32054 | 586 | 50535 | 400 | 70755 | 03 | 1 |
| 394 | 009 | 12108 | 986 | 11099 | 964 | 21133 | 912 | 23545 | 03 | 1 |
| 405 | 020 | 23215 | 900 | 16155 | 745 | 10021 | 724 | 08048 | 03 | 1 |
| 445 | 993 | 26188 | 880 | 23174 | 638 | 06619 | 576 | 00601 | 05 | 1 |
| 451 | 929 | 27155 | 920 | 30157 | 400 | 65788 | 270 | 90002 | 03 | 1 |
| 476 | 855 | 30035 | 488 | 57595 | 400 | 67701 | 260 | 90961 | 03 | 1 |
| 486 | 814 | 23035 | 807 | 25536 | 544 | 55704 | 518 | 56748 | 03 | 1 |
| 493 | 016 | 18112 | 008 | 16109 | 992 | 20087 | 975 | 20032 | 03 | 1 |
| 506 | 024 | 15147 | 014 | 15127 | 009 | 18136 | 974 | 21141 | 03 | 1 |
| 518 | 013 | 22168 | 922 | 21132 | 885 | 17099 | 734 | 09519 | 03 | 1 |
| 520 | 978 | 22153 | 950 | 23143 | 906 | 20063 | 760 | 10048 | 03 | 1 |
| 528 | 995 | 24180 | 986 | 26182 | 946 | 23136 | 793 | 11094 | 03 | 1 |
| 534 | 000 | 25224 | 970 | 28205 | 744 | 13091 | 659 | 06603 | 03 | 1 |
| 536 | 998 | 26225 | 982 | 27207 | 925 | 25136 | 807 | 15124 | 03 | 1 |
| 553 | 985 | 27196 | 934 | 23171 | 924 | 25182 | 794 | 18131 | 03 | 1 |
| 562 | 924 | 25201 | 915 | 29225 | 790 | 21071 | 656 | 08011 | 03 | 1 |
| 576 | 833 | 25024 | 826 | 29531 | 635 | 06606 | 620 | 05692 | 03 | 1 |
| 597 | 971 | 26046 | 745 | 07519 | 677 | 06623 | 422 | 71868 | 03 | 1 |
| 600 | 088 | 12127 | 007 | 16161 | 990 | 11518 | 975 | 17141 | 03 | 1 |
| 606 | 023 | 16142 | 940 | 19136 | 865 | 15073 | 757 | 12593 | 03 | 1 |
| 655 | 984 | 21135 | 970 | 26096 | 736 | 11598 | 666 | 04504 | 03 | 1 |
| 662 | 907 | 23185 | 897 | 30116 | 556 | 53642 | 548 | 51681 | 03 | 1 |
| 681 | 916 | 31061 | 898 | 31018 | 590 | 51638 | 540 | 55741 | 03 | 1 |
| 712 | 998 | 20143 | 934 | 23094 | 838 | 16114 | 744 | 09015 | 03 | 1 |
| 734 | 996 | 15134 | 975 | 24503 | 930 | 23503 | 818 | 13587 | 03 | 1 |
| 747 | 980 | 16131 | 976 | 22122 | 960 | 22094 | 872 | 15044 | 03 | 1 |
| 764 | 957 | 25079 | 926 | 27029 | 621 | 50561 | 605 | 00691 | 03 | 1 |
| 768 | 939 | 26036 | 934 | 29999 | 838 | 21572 | 600 | 53631 | 03 | 1 |
| 775 | 887 | 25023 | 882 | 26017 | 530 | 59697 | 481 | 64791 | 03 | 1 |
| 785 | 933 | 23519 | 619 | 52661 | 400 | 75884 | 317 | 89007 | 03 | 1 |
| 798 | 022 | 11082 | 956 | 05025 | 686 | 53701 | 668 | 54632 | 03 | 1 |
| 807 | 026 | 11098 | 940 | 15118 | 618 | 56705 | 534 | 62999 | 03 | 1 |
| 815 | 022 | 14117 | 930 | 18142 | 540 | 58596 | 400 | 73754 | 05 | 1 |
| 816 | 004 | 22128 | 976 | 26117 | 738 | 07012 | 682 | 03579 | 03 | 1 |
| 826 | 949 | 17156 | 909 | 19152 | 721 | 05031 | 640 | 51543 | 03 | 1 |

# RADIOSONDE AND RAWINSONDE DATA. SIGNIFICANT LEVELS

| Index No. iii | 1st. 5th. etc. Level PPP | TTTTT ddx | 2nd. 6th. etc. Level PPP | TTTTT ddx | 3rd. 7th. etc. Level PPP | TTTTT ddx | 4th. 8th. etc. Level PPP | TTTTT ddx | Hour GG | Code Type |
|---|---|---|---|---|---|---|---|---|---|---|
| 182 | 720 | 11997 | 707 | 12993 | 595 | 05996 | 436 | 62797 | 03 | 1 |
| 215 | 699 | 08543 | | | 578 | 50614 | 554 | 52669 | 03 | 1 |
| 275 | 768 | 16535 | 745 | 16996 | 660 | 10587 | 550 | 01596 | 03 | 1 |
| 98 | | | | | | | | | | |
| 645 | 485 | 56737 | 132 | 21994 | 103 | 27990 | 048 | 01996 | 03 | 8 |
| QLL | | OCEAN | STA | | | | | | | |
| 034 | 435 | 70757 | 420 | 72861 | 400 | 74881 | 303 | 90983 | 03 | 9 |
| 035 | 782 | 08022 | 752 | 06564 | 727 | 05512 | 714 | 05583 | 03 | 9 |
| 041 | 855 | 11528 | 795 | 10552 | 742 | 06593 | 700 | 06504 | 02 | 8 |
| 044 | 765 | 02501 | 590 | 58683 | 542 | 63672 | 520 | 65724 | 03 | 9 |
| 051 | | | | | | | | | | |
| 053 | 657 | 52569 | 400 | 78821 | 336 | 88941 | 262 | 01996 | 03 | 9 |
| 055 | 316 | 92992 | 263 | 93992 | 142 | 93996 | | | 03 | 9 |
| 062 | | | | | | | | | | |
| 063 | 359 | 89986 | 294 | 97998 | 170 | 92995 | | | 03 | 9 |
| 127 | 765 | 12997 | 738 | 10995 | 614 | 02991 | 400 | 63992 | 03 | 9 |
| 134 | 752 | 08627 | 400 | 71802 | | | | | 03 | 9 |
| 144 | 843 | 10605 | 760 | 05021 | 735 | 03619 | 639 | 52579 | 03 | 9 |
| 223 | 452 | 50 | 245 | 74 | 129 | 02••• | 084 | 08••• | 02 | 9 |
| 235 | | | | | | | | | | |
| 246 | 764 | 00565 | 615 | 59689 | 560 | 63992 | 534 | 66714 | 03 | 9 |
| 360 | 382 | 80810 | 212 | 04 | 165 | 99••• | 141 | 01••• | 03 | 5 |
| 01 | | | | | | | | | | |
| 001 | 467 | 77801 | 400 | 85881 | 330 | 94987 | 297 | 93992 | 03 | 8 |
| 030 | 576 | 62664 | 529 | 64704 | 400 | 80867 | 371 | 85903 | 03 | 5 |
| 384 | 683 | 51519 | 650 | 54545 | 569 | 60609 | 400 | 80801 | 03 | 8 |
| 415 | 768 | 04591 | 550 | 62775 | 524 | 62781 | 428 | 74884 | 03 | 8 |
| 02 | | | | | | | | | | |
| 057 | 607 | 55654 | 446 | 71804 | 229 | 06992 | 123 | 97997 | 04 | 8 |
| 077 | 561 | 62701 | 217 | 19993 | 172 | 06994 | 075 | 01995 | 03 | 5 |
| 084 | 454 | 63673 | 262 | 98999 | 238 | 00999 | 189 | 97995 | 03 | 8 |
| 03 | | | | | | | | | | |
| 005 | | | | | | | | | | |
| 026 | | | | | | | | | | |
| 171 | | 40910 | 178 | 36 | 118 | 35••0 | | | 02 | 7 |
| 476 | | | | | | | | | | |
| 743 | | | | | | | | | | |
| 917 | | | | | | | | | | |
| 953 | 124 | 31 0 | 050 | 35 0 | 037 | 37••0 | | | 03 | 2 |
| 04 | | | | | | | | | | |
| 018 | 568 | 62646 | 400 | 80844 | 335 | 90942 | 265 | 02996 | 03 | 1 |
| 202 | 752 | 56687 | 740 | 57646 | 665 | 62717 | 600 | 68712 | 03 | 1 |
| 231 | | | | | | | | | | |
| 270 | 338 | 90990 | 274 | 00998 | 139 | 93998 | 101 | 58••• | 03 | 1 |
| 339 | 101 | 60 | 101 | 55 | | | | | 03 | 5 |
| 360 | 625 | 65670 | 571 | 71740 | 126 | 17670 | 476 | 78850 | 03 | 5 |
| 06 | | | | | | | | | | |
| 180 | | 65728 | 543 | 65723 | | 74779 | 378 | 79420 | 03 | 5 |
| 260 | 806 | 04581 | 769 | 05691 | 673 | 02753 | 564 | 56723 | 03 | 8 |
| 447 | 445 | 68797 | 435 | 68797 | 290 | 92••0 | 208 | 07••4 | 03 | 8 |
| 610 | 761 | 05655 | 724 | 04673 | 668 | 51722 | 636 | 51722 | 05 | 5 |
| 07 | | | | | | | | | | |
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| 145 | 721 | 02759 | 682 | 02764 | 620 | 08814 | 560 | 57822 | 02 | 8 |
| 190 | 780 | 02004 | 745 | 02526 | 732 | 03522 | 690 | 00573 | 02 | 8 |
| 480 | 694 | 05539 | 607 | 50614 | 454 | 68789 | 383 | 75877 | 02 | 8 |
| 510 | 828 | 09503 | 792 | 12019 | 700 | 06745 | 667 | 03774 | 02 | 5 |
| 645 | 863 | 12015 | 835 | 15012 | 806 | 15502 | 762 | 11560 | 02 | 5 |
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| 521 | 774 | 12039 | 757 | 1200 | 711 | 0800• | 676 | 05633 | 14 | 8 |
| 536 | 400 | 73868 | 357 | 78914 | 248 | 00996 | 090 | 14997 | 14 | 8 |
| 10 | | | | | | | | | | |
| 384 | 681 | 50534 | 657 | 53683 | 622 | 55791 | 400 | 78998 | 03 | 5 |
| 419 | | | | | | | | | | |
| 633 | 680 | 01994 | 606 | 54754 | 564 | 57727 | 513 | 62725 | 03 | 5 |
| 866 | 400 | 76867 | 321 | 90990 | 225 | 09991 | 216 | 09998 | 03 | 5 |
| 11 | | | | | | | | | | |
| 030 | 315 | 90 2 | 215 | 09 4 | 186 | 04••3 | 161 | 04••5 | 03 | 5 |
| 567 | 376 | 76996 | 276 | 91997 | 245 | 01994 | 194 | 10995 | 05 | 5 |
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| 240 | | | | | | | | | | |
| 596 | | | | | | | | | | |
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| 606 | 633 | 38010 | 591 | 36020 | 574 | 35990 | 327 | 93610 | 02 | 8 |
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| 427 | 517 | 23100 | 512 | 29990 | 505 | 30910 | 312 | 90480 | 14 | 2 |
| 648 | 596 | 40740 | 556 | 36710 | 525 | 30650 | 497 | 32680 | 15 | 1 |
| 42 | | | | | | | | | | |
| 182 | 551 | 52550 | 444 | 62 | 451 | 61••• | 119 | 07••• | 15 | 8 |
| 339 | 450 | 60 | 235 | 97 | 145 | 11••• | | | 15 | 8 |
| 475 | 096 | 27 | | | | | | | 15 | 8 |
| 807 | | | | | | | | | | |
| 867 | 489 | 57 | 400 | 63 | | | | | 14 | 8 |
| 909 | 750 | 16050 | 650 | 07530 | 480 | 57••• | 456 | 55••• | 14 | 8 |
| 43 | | | | | | | | | | |
| 063 | | | | | | | | | | |
| 149 | | | | | | | | | | |
| 279 | 200 | 04 | | | | | | | 14 | 8 |
| 371 | | | | | | | | | | |
| 45 | | | | | | | | | | |
| 007 | 750 | 15070 | 650 | 07010 | 600 | 04520 | 550 | 50••0 | 22 | 8 |
| 47 | | | | | | | | | | |
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| 412 | 732 | 03527 | 652 | 01546 | 540 | 58667 | 459 | 66732 | 03 | 1 |
| 580 | 734 | 04506 | 658 | 51713 | 632 | 50994 | 550 | 54995 | 03 | 1 |
| 600 | 417 | 63713 | 420 | 75835 | 231 | 89999 | 147 | 07991 | 03 | 1 |
| 635 | 680 | 12590 | 637 | 11602 | 558 | 03542 | 533 | 03591 | 03 | 1 |
| 671 | 645 | 50702 | 600 | 05990 | 400 | 65995 | 245 | 89990 | 04 | 1 |
| 744 | 733 | 09509 | 640 | 05529 | 533 | 51638 | 400 | 63704 | 03 | 1 |
| 778 | 375 | 66752 | 271 | 80897 | 131 | 12990 | 088 | 13991 | 05 | 1 |
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| 827 | 676 | 07032 | 606 | 04003 | 527 | 52559 | 437 | 58621 | 03 | 1 |
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| 390 | 718 | 13011 | 550 | 55668 | 467 | 63757 | 404 | 70813 | 02 | 8 |
| 715 | 647 | 00594 | 635 | 00602 | 545 | 53729 | 340 | 81972 | 02 | 8 |
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| 642 | 813 | 17117 | 662 | 04005 | 604 | 00649 | 549 | 52554 | 07 | 5 |
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| 053 | 793 | 61330 | 335 | 85510 | 328 | 86580 | 047 | 84••0 | 02 | 7 |
| 366 | 620 | 05 4 | 470 | 80 1 | 442 | 62••7 | 426 | 1•••4 | 03 | 5 |
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| 026 | 718 | 61691 | 650 | 64713 | 585 | 71752 | 573 | 69757 | 03 | 1 |
| 133 | | | | | | | | | | |
| 200 | 802 | 04518 | 782 | 04001 | 600 | 59638 | 567 | 61757 | 03 | 1 |
| 204 | 815 | 08653 | 750 | 04672 | 710 | 01549 | 565 | 60••• | 03 | 1 |
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| 231 | 560 | 65712 | 438 | 77857 | 427 | 77904 | 400 | 81993 | 03 | 1 |
| 261 | | | | | | | | | | |
| 273 | 348 | 90942 | 278 | 02993 | 180 | 94999 | | | 03 | 1 |
| 291 | 489 | 75826 | 400 | 85901 | | | | | 03 | 1 |
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| 361 | 602 | 61689 | 400 | 83881 | 998 | 89••• | 266 | 03999 | 03 | 1 |
| 381 | 358 | | | 03992 | 030 | 88992 | | | 03 | 1 |
| 398 | | | | | | | | | | |
| 439 | | | | | | | | | | |
| 485 | | | | | | | | | | |
| 72 | | | | | | | | | | |
| 202 | 506 | 55722 | 400 | 66817 | 267 | 89995 | 148 | 19999 | 03 | 1 |
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| 211 | 400 | 65738 | 255 | 89989 | 156 | 14997 | 093 | 18994 | 04 | 1 |
| 219 | 712 | 08047 | 572 | 52582 | 536 | 55681 | 471 | 59757 | 03 | 1 |
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| 250 | 684 | 08556 | 644 | 04567 | 541 | 51691 | 400 | 66992 | 03 | 1 |
| 253 | 691 | 08507 | 665 | 07652 | 475 | 58993 | | | 03 | 1 |
| 265 | 489 | 56748 | 400 | 67686 | 257 | 90990 | 136 | 20998 | 03 | 1 |
| 270 | 234 | 97991 | | | | | | | 03 | 1 |
| 278 | 436 | 64687 | 400 | 69785 | 374 | 71854 | 276 | 90971 | 03 | 1 |
| 304 | 277 | 88958 | 110 | 19997 | 105 | 16993 | | | 03 | 1 |
| 317 | 528 | 54638 | 478 | 59671 | 427 | 64799 | 400 | 68999 | 03 | 1 |
| 327 | 126 | 19994 | | | | | | | 04 | 1 |
| 340 | 605 | 01668 | 475 | 57738 | 400 | 66808 | 323 | 77994 | 03 | 1 |
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| 365 | 531 | 53724 | 431 | 61797 | 400 | 66991 | 134 | 21990 | 03 | 1 |
| 386 | 347 | 76813 | 279 | 89958 | 147 | 19998 | 148 | 17994 | 03 | 1 |
| 394 | 886 | 22045 | 736 | 14572 | 630 | 03507 | 578 | 00581 | 03 | 1 |
| 405 | 682 | 06534 | 657 | 04515 | 593 | 00564 | 541 | 53668 | 03 | 1 |
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| 476 | 176 | 10992 | 136 | 16999 | | | | | 03 | 1 |
| 486 | 400 | 72869 | 346 | 79845 | 290 | 88927 | 170 | 15993 | 03 | 1 |
| 493 | 960 | 25531 | 772 | 14607 | 400 | 71998 | 364 | 77907 | 03 | 1 |
| 506 | 762 | 09018 | 746 | 09049 | 632 | 04664 | 567 | 51707 | 03 | 1 |
| 518 | 626 | 01565 | 615 | 02665 | 505 | 56646 | 493 | 55745 | 03 | 1 |
| 520 | 736 | 09537 | 662 | 04597 | 607 | 01614 | 584 | 02645 | 03 | 1 |
| 528 | 770 | 13543 | 751 | 12582 | 600 | 01995 | 101 | 68••• | 03 | 1 |
| 534 | 516 | 56673 | 490 | 56615 | 469 | 56727 | 400 | 66861 | 03 | 1 |
| 536 | 623 | 03622 | 597 | 01581 | 571 | 00652 | 450 | 60703 | 03 | 1 |
| 553 | 526 | 53618 | 435 | 62732 | 400 | 66812 | 283 | 86991 | 03 | 1 |
| 562 | 623 | 06591 | 603 | 14551 | 481 | 59644 | 101 | 55••• | 03 | 1 |
| 576 | 400 | 68997 | 327 | 81943 | 308 | 84916 | 275 | 90002 | 03 | 1 |
| 597 | 400 | 74995 | 310 | 90990 | 282 | 94996 | 278 | 93998 | 03 | 1 |
| 600 | 924 | 16565 | 893 | 13585 | 871 | 12016 | 817 | 11543 | 03 | 1 |
| 606 | 640 | 03682 | 570 | 52706 | 536 | 56644 | 505 | 58752 | 03 | 1 |
| 655 | 640 | 04576 | 573 | 52616 | 520 | 56744 | 400 | 69998 | 03 | 1 |
| 662 | 400 | 69991 | 326 | 79908 | 274 | 89984 | 133 | 16998 | 03 | 1 |
| 681 | 422 | 69845 | 400 | 72990 | 125 | 13990 | 050 | 01997 | 03 | 1 |
| 712 | 688 | 05558 | 669 | 04565 | 641 | 04666 | 400 | 69812 | 03 | 1 |
| 734 | 740 | 12995 | 610 | 00994 | 400 | 71999 | 268 | 89996 | 03 | 1 |
| 747 | 820 | 15604 | 675 | 03641 | 632 | 51584 | 607 | 53691 | 03 | 1 |
| 764 | 400 | 72993 | 275 | 90990 | 144 | 14990 | 131 | 14995 | 03 | 1 |
| 768 | 537 | 59768 | 400 | 75991 | 203 | 89996 | 234 | 04990 | 03 | 1 |
| 775 | 400 | 75998 | 308 | 89998 | 234 | 08999 | 145 | 09997 | 03 | 1 |
| 785 | 264 | 98993 | | | | | | | 03 | 1 |
| 798 | 590 | 58741 | 400 | 77881 | 332 | 87917 | 295 | 93999 | 03 | 1 |
| 807 | 400 | 68996 | 232 | 03990 | 194 | 06997 | 178 | 01994 | 03 | 1 |
| 815 | 307 | 87938 | 210 | 02996 | 134 | 10995 | 090 | 07995 | 05 | 1 |
| 816 | 662 | 02535 | 400 | 65765 | 250 | 79791 | 101 | 58••• | 03 | 1 |
| 826 | 602 | 53666 | 580 | 54702 | 478 | 66722 | 458 | 65770 | 03 | 1 |

## JULY 2

# RADIOSONDE AND RAWINSONDE DATA

| Index No. iii | Station Name | 1000 mb. hhh | TTTTT ddx | dd | ff | 850 mb. hhh | TTTTT ddx | dd | ff | 700 mb. hhh | TTTTT ddx | dd | ff | 500 mb. hhh | TTTTT ddx | dd | ff | Hour GG | Code Type |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 836 | MOOSONEE | 037 | 23077 | | | 492 | 16002 | | | 026 | 02554 | | | 896 | 62788 | | | 03 | 1 |
| 867 | THE PAS | 023 | | | | 463 | 16053 | | | 009 | 01083 | | | 877 | 67242 | | | 03 | 1 |
| 879 | EDMONTON | 024 | | | | 473 | 06024 | | | 994 | 01536 | 21 | 18 | 849 | 68756 | 22 | 40 | 03 | 1 |
| 896 | PRINCE GEORG | 049 | | | | 492 | 04563 | 26 | 17 | 996 | 60664 | 26 | 19 | 816 | 78902 | 27 | 20 | 03 | 1 |
| 906 | FT CHIMO | 000 | | | | 548 | 18107 | | | 988 | 15017 | | | 862 | 60990 | | | 03 | 1 |
| 907 | PORT HARRISN | 003 | | | | 439 | 03016 | | | 946 | 55588 | | | 786 | 72811 | | | 03 | 1 |
| 913 | CHURCHILL | 007 | 14124 | 26 | 5 | 453 | 04049 | 26 | 31 | 963 | 54545 | 26 | 44 | 812 | 69710 | | | 03 | 1 |
| 915 | CORAL HARBOR | 518 | | | | 418 | 09099 | | | 939 | 00501 | | | 802 | 63659 | | | 03 | 1 |
| 917 | EUREKA | 033 | 06503 | 28 | 16 | 470 | 02581 | 03 | 7 | 976 | 54679 | 02 | 9 | 814 | 72817 | 01 | 11 | 03 | 1 |
| 918 | ARCTIC BAY | 035 | 06505 | | | 469 | 00623 | | | 971 | 58726 | | | 802 | 75864 | | | 03 | 1 |
| 924 | RESOLUTE | 045 | 05531 | 01 | 7 | 476 | 01647 | 36 | 18 | 983 | 55749 | 36 | 33 | 820 | 73852 | 36 | 37 | 03 | 1 |
| 926 | BAKER LAKE | 003 | 03038 | | | 430 | 01011 | | | *** | ***** | | | *** | ***** | | | 03 | 1 |
| 934 | FT SMITH | 233 | | | | 468 | 06511 | | | 983 | 52605 | | | 836 | 67744 | | | 03 | 1 |
| 938 | COPPERMINE | 101 | 59 | | | | | | | *** | ***** | | | *** | ***** | | | 03 | 1 |
| 945 | FORT NELSON | 019 | | | | 467 | 09026 | | | 983 | 53562 | | | 828 | 70772 | | | 03 | 1 |
| 964 | WHITEHORSE | 035 | | | | 484 | 07994 | 17 | 7 | 995 | 56991 | 21 | 5 | 837 | 72990 | 19 | 21 | 03 | 1 |
| 968 | AKLAVIK | 050 | 10002 | | | 486 | | | | 979 | 57643 | | | 813 | 72801 | | | 02 | 1 |
| | BLOCK 74 | | | | | | | | | | | | | | | | | | |
| 043 | NORMAN WELLS | 050 | 13074 | | | 490 | 03018 | | | 998 | 53575 | | | 844 | 70819 | | | 03 | 1 |
| 072 | MOULD BAY | 042 | 00501 | | | 472 | 01514 | | | 979 | 54644 | | | 822 | 71775 | | | 03 | 1 |
| 074 | ISACHSEN | 050 | 02513 | | | 474 | 00609 | | | 986 | 55997 | | | *** | ***** | | | 03 | 1 |
| 090 | CLYDE RIVER | 030 | 06010 | 11 | 1 | 365 | 00539 | 18 | 4 | 970 | 57592 | 25 | 11 | 806 | 71788 | 25 | 18 | 03 | 1 |
| 109 | PORT HARDY | 076 | 09061 | | | 510 | 50535 | | | 012 | [illegible] | | | 759 | 68752 | | | 03 | 1 |
| 188 | MINGAN L PT | 046 | 14139 | 13 | 7 | 500 | 16081 | 28 | 44 | 031 | 06536 | 28 | 49 | 911 | 59741 | | | 04 | 1 |
| | BLOCK 76 | | | | | | | | | | | | | | | | | | |
| 458 | MAZATLAN | 031 | 28234 | | | 503 | 23098 | | | 048 | 11035 | | | 944 | 56611 | | | 02 | 1 |
| 491 | C VICTORIA | 039 | | | | 510 | 18137 | | | 046 | 07017 | | | 933 | 57037 | | | 02 | 1 |
| 644 | MERIDA | 044 | 25227 | | | 508 | 18123 | | | 045 | 08044 | | | 935 | 55706 | | | 03 | 1 |
| 679 | TACUBAYA | 028 | | | | 498 | | | | 041 | 09068 | | | 228 | 58623 | | | 03 | 1 |
| | BLOCK 78 | | | | | | | | | | | | | | | | | | |
| 016 | KINDLEY FLD | | | | | | | | | 061 | 04501 | 15 | 11 | 938 | 60682 | 16 | 9 | 03 | 1 |
| 325 | HAVANA C B | 048 | 25217 | 09 | 3 | 512 | 16137 | 05 | 8 | 048 | 08531 | 16 | 10 | *** | ***** | | | 03 | 1 |
| 395 | VERNAM FIELD | 045 | 23193 | 05 | 6 | 505 | 14086 | 09 | 29 | 035 | 13015 | 10 | 26 | 911 | **732 | 13 | 7 | 03 | 1 |
| 501 | SWAN ISLAND | 044 | 26172 | | | 508 | 18122 | | | 047 | 09519 | | | 933 | 57717 | | | 03 | 1 |
| 525 | SAN JUAN | 054 | 25224 | 12 | 8 | 517 | 16106 | 12 | 21 | 053 | 08028 | 13 | 18 | *** | ***** | | | 03 | 1 |
| 806 | ALBROOK FLD | 031 | 25232 | 26 | 7 | 494 | 17 9 | 08 | 10 | 031 | 09027 | 08 | 13 | 919 | 57616 | 14 | 17 | 03 | 1 |
| 862 | COOLIDGE FLD | 052 | 25238 | 08 | 17 | 518 | 18164 | 11 | 30 | 059 | 11561 | 12 | 31 | 952 | 54568 | 10 | 9 | 03 | 1 |
| | BLOCK 91 | | | | | | | | | | | | | | | | | | |
| 066 | MIDWAY ISL | 061 | 24171 | 11 | 11 | 521 | 15045 | 07 | 8 | 058 | 10991 | 14 | 5 | 947 | 55734 | | | 04 | 1 |
| 115 | IWO JIMA | | | | | | | | | 049 | 11523 | 28 | 13 | 944 | 53990 | 29 | 13 | 03 | 1 |
| 182 | HONOLULU | 050 | 24162 | 06 | 19 | 508 | 13114 | 09 | 14 | 045 | 11990 | 07 | 12 | 938 | 57990 | 01 | 10 | 03 | 1 |
| 215 | HARMON FLD | 033 | 30233 | 12 | 7 | 498 | 17118 | 09 | 18 | 035 | 09569 | 09 | 17 | 922 | 55997 | 08 | 16 | 03 | 1 |
| 245 | WAKE ISLAND | 004 | 27193 | 10 | 5 | 508 | 18123 | 11 | 6 | 046 | 09921 | | | 938 | 55675 | 06 | 17 | 03 | 1 |
| 275 | JOHNSON IS | 045 | 25219 | 08 | 14 | 508 | 17067 | 10 | 21 | 047 | 11994 | 08 | 16 | 943 | 54998 | 12 | 20 | 03 | 1 |
| 366 | KWAJALEIN | 033 | 00716 | | | 502 | 19197 | | | 044 | 11011 | 10 | 17 | 942 | 51999 | 08 | 11 | 03 | 1 |
| | BLOCK 98 | | | | | | | | | | | | | | | | | | |
| 327 | CLARK FIELD | 034 | | | | 498 | 15109 | 12 | 8 | 032 | 08006 | 10 | 8 | 920 | 56663 | 10 | 10 | 03 | 1 |
| 645 | CEBU | 035 | 30237 | | | 502 | 18148 | | | 042 | 10031 | | | 935 | 55995 | | | 03 | 8 |
| QLL | OCEAN STA | | | | | | | | | | | | | | | | | | |
| 034 | 0 355 400 | 081 | 22192 | 36 | 4 | 538 | 12058 | 01 | 4 | 064 | 04624 | 31 | 12 | 936 | 62738 | 02 | 16 | 03 | 9 |
| 035 | 0 340 520 | 087 | 22191 | 26 | 4 | 543 | 13066 | 19 | 6 | 070 | 03005 | 03 | 11 | 952 | 61996 | 30 | 7 | 03 | 9 |
| 037 | 0 360 700 | 068 | 25211 | | | 532 | 15104 | 18 | 6 | 065 | 08591 | 19 | 8 | 950 | 58698 | 14 | 15 | 03 | 9 |
| 041 | 0 450 160 | 219 | 13130 | | | 600 | 11609 | | | 185 | 05582 | | | 850 | 59790 | | | 02 | 8 |
| 044 | 0 450 450 | 076 | 65045 | 31 | 12 | 516 | 08991 | 30 | 25 | 033 | 51548 | 29 | 27 | 884 | 68822 | 29 | 21 | 03 | 9 |
| 051 | 0 538 187 | 053 | 52490 | 25 | 25 | 495 | 48330 | 26 | 19 | 012 | 32130 | 25 | 36 | 880 | 09770 | 22 | 50 | 02 | 2 |
| 053 | 0 527 355 | 040 | 05017 | | | 470 | 52532 | 27 | 27 | 976 | 55998 | 27 | 32 | 814 | 72994 | | | 03 | 9 |
| 055 | 0 565 510 | 052 | 05001 | 11 | 5 | 450 | 50614 | 30 | 3 | 955 | 55769 | 31 | 21 | 799 | 67788 | 32 | 51 | 03 | 9 |
| 062 | 0 600 198 | 015 | 52520 | 18 | 18 | 450 | 44440 | 19 | 25 | 975 | 36320 | 20 | 23 | 838 | 06900 | 23 | 37 | 02 | 2 |
| 063 | 0 620 330 | 002 | 07075 | 14 | 2 | 435 | 00521 | 12 | 13 | 940 | 57686 | 14 | 16 | 778 | 73907 | 16 | 24 | 03 | 9 |
| 134 | 1 300 400 | 070 | 17155 | 06 | 13 | 520 | 10074 | 05 | 15 | 048 | 07648 | 04 | 11 | 930 | 59994 | 01 | 9 | 03 | 9 |
| 144 | 1 490 480 | 094 | 13121 | 28 | 22 | 541 | 08067 | 31 | 39 | 060 | 00569 | 30 | 38 | 924 | 64721 | 30 | 52 | 03 | 9 |
| 223 | 2 290 350 | 025 | 24 | | | 486 | 19 | | | 024 | 11*** | | | 924 | 51*** | | | 14 | 9 |
| 235 | 2 390 530 | | | | | 438 | 09 | | | 984 | 02*** | | | 887 | 57*** | | | 02 | 9 |
| 246 | 2 440 650 | 032 | 12083 | 07 | 7 | 472 | 06031 | 14 | 14 | 994 | 01579 | 16 | 27 | 853 | 62677 | 20 | 53 | 03 | 9 |
| 360 | 3 660 020 | 192 | 07068 | 23 | 24 | 505 | 50549 | 23 | 27 | 055 | 55614 | 24 | 17 | 633 | 69771 | 26 | 24 | 03 | 5 |
| | **JULY 3** | | | | | | | | | | | | | | | | | | |
| | BLOCK 01 | | | | | | | | | | | | | | | | | | |
| 001 | JAN MAYEN | 078 | 06057 | | | 390 | 01502 | | | 929 | 58581 | | | 350 | 71721 | | | 03 | 8 |
| 030 | THOMSO | 196 | 09056 | | | 410 | 50514 | | | 073 | 51604 | | | 668 | 68761 | | | 03 | 8 |
| 384 | GARDERMOEN | 190 | 99999 | | | 543 | 05037 | 03 | 10 | 121 | 51539 | 25 | 6 | 734 | 67720 | 33 | 15 | 03 | 5 |
| 415 | SOLA | 211 | 10067 | | | 560 | 06517 | | | 140 | 50609 | | | 752 | 65763 | | | 03 | 8 |
| | BLOCK 02 | | | | | | | | | | | | | | | | | | |
| 057 | LULEA KALLAS | 155 | 14108 | | | 520 | 09022 | | | 091 | 52536 | | | 676 | 69712 | | | 03 | 8 |
| 077 | STOCKHOLM | 180 | 15079 | 03 | 11 | 560 | 09003 | 11 | 4 | 122 | 50628 | 04 | 12 | 727 | 67797 | 02 | 15 | 03 | 5 |
| 084 | GOTEBORG | 169 | 16143 | | | 536 | 09073 | | | 122 | 50564 | | | 742 | 65758 | | | 03 | 8 |
| | BLOCK 03 | | | | | | | | | | | | | | | | | | |
| 005 | LERWICK | 057 | 53530 | 26 | 26 | 488 | 44390 | 23 | 21 | 016 | 33190 | 25 | 13 | 879 | 10850 | 24 | 26 | 02 | 2 |
| 026 | STORNOWAY | 059 | 34510 | 22 | 12 | 501 | 48400 | 24 | 17 | 018 | 32320 | 23 | 35 | 879 | 06750 | 22 | 40 | 02 | 2 |
| 476 | DOWNHAM MKT | 070 | 55430 | 20 | 10 | 516 | 49380 | 05 | 15 | 040 | 39900 | 28 | 13 | 910 | 08000 | 30 | 10 | 02 | 2 |
| 743 | LARKHILL | 070 | 52460 | | | 516 | 46420 | 10 | 6 | 039 | 42750 | 25 | 8 | 911 | 08000 | 39 | 16 | 02 | 2 |
| 808 | CAMBORNE | 066 | 61440 | 14 | 81 | 516 | 52400 | 32 | 6 | 040 | 41750 | 24 | 9 | 915 | 11940 | | | 02 | 2 |
| 917 | ALDERGROVE | 065 | 60510 | 18 | 4 | 510 | 45410 | 21 | 14 | *** | ***** | | | 892 | 10670 | 23 | 32 | 02 | 2 |
| 953 | VALENTIA | 062 | 57 0 | 03 | 1 | 508 | 53 0 | | | 034 | 38**0 | | | 902 | 09**0 | | | 03 | 2 |
| | BLOCK 04 | | | | | | | | | | | | | | | | | | |
| 018 | KEFLAVIK | 008 | | | | 441 | 51523 | 17 | 11 | 944 | 57709 | | | 778 | 73841 | 12 | 10 | 03 | 1 |
| 202 | THULE | 028 | 51511 | 00 | | 455 | 51581 | 18 | 8 | 956 | 58709 | 18 | 9 | 786 | 74867 | 06 | 14 | 03 | 1 |
| 231 | SDR STROMFRD | 023 | 09072 | 22 | 6 | 464 | 05535 | 16 | 3 | 875 | 54586 | 19 | 4 | 693 | 64002 | 29 | 13 | 04 | 1 |
| 270 | NARSSARSSUAK | 046 | 04019 | 00 | | 479 | 00533 | 00 | | 981 | 58672 | 30 | 5 | 826 | 67990 | 35 | 16 | 04 | 1 |
| | BLOCK 06 | | | | | | | | | | | | | | | | | | |
| 011 | THORSHAVN | 122 | 11081 | | | 458 | 03003 | | | 009 | 54574 | | | 598 | 68777 | | | 03 | 8 |
| 260 | DE BILT | 211 | 06060 | | | 541 | 04592 | | | 100 | 51627 | | | 718 | 65705 | | | 03 | 8 |
| 447 | UCCLE | 213 | 10082 | | | 560 | 09004 | | | 156 | 03597 | | | 804 | 62673 | | | 03 | 8 |
| | BLOCK 07 | | | | | | | | | | | | | | | | | | |
| 110 | BREST | 190 | 15145 | 05 | 3 | 575 | 13073 | 16 | 18 | 190 | 07522 | 25 | 22 | 866 | 62717 | 26 | 22 | 02 | 5 |
| 145 | TRAPPES | 200 | 18181 | | | 580 | 12027 | | | 179 | 05054 | | | 844 | 02817 | | | 02 | 8 |
| 190 | STRASBOURG | 197 | 10085 | | | 550 | 06025 | | | 124 | 00600 | | | 749 | 65776 | | | 02 | 8 |
| 480 | LYON | 164 | | | | 560 | 14049 | | | 171 | 07548 | | | 851 | 61744 | | | 02 | 8 |
| 510 | BORDEAUX | 163 | 16119 | 04 | 4 | 580 | 14072 | 05 | 4 | 170 | 05529 | 05 | 4 | 830 | 62737 | 03 | 4 | 02 | 5 |
| 645 | NIMES | 132 | 22094 | 35 | 22 | 500 | 17033 | 01 | 22 | 148 | 05635 | 35 | 20 | 822 | 60791 | 34 | 28 | 02 | 5 |
| | BLOCK 08 | | | | | | | | | | | | | | | | | | |
| 509 | LAGENS | 066 | 19181 | 00 | | 520 | 11053 | 04 | 9 | 052 | 08525 | 33 | 3 | 933 | 60623 | 18 | 16 | 03 | 1 |
| 521 | FUNCHAL | 118 | 21155 | | | 504 | 11072 | | | 134 | 09637 | | | 847 | 56744 | | | 14 | 8 |
| 536 | PORTELA | 127 | 37083 | | | 574 | 99999 | | | 228 | 99999 | | | 914 | 62684 | | | 14 | 8 |
| | BLOCK 10 | | | | | | | | | | | | | | | | | | |
| 034 | SCHLESWIG | 061 | 52470 | 01 | 9 | 490 | 46330 | 00 | | 021 | 32110 | 01 | 18 | 881 | 04820 | 35 | 24 | 02 | 2 |
| 384 | TEMPELHOF | 165 | 13127 | 35 | 9 | 525 | 07064 | 35 | 9 | 102 | 00532 | 03 | 11 | 735 | 65827 | 36 | 18 | 03 | 5 |
| 419 | ISERLOHN | | | | | 512 | 48260 | 01 | 14 | 035 | 36100 | 01 | 18 | 899 | 06810 | 35 | 31 | 02 | 2 |
| 633 | WIESBADEN | 209 | 10080 | 36 | 6 | 551 | 04555 | 01 | 9 | 119 | 50998 | 02 | 20 | 733 | 65990 | 36 | 46 | 03 | 5 |
| 866 | MUNCHEN RIEM | 200 | 99999 | 99 | 99 | 548 | 05542 | 30 | 11 | 109 | 00752 | 36 | 22 | 692 | 69752 | 36 | 39 | 03 | 5 |
| | BLOCK 11 | | | | | | | | | | | | | | | | | | |
| 030 | TULLN | 164 | | | | 518 | 06064 | 32 | 20 | 085 | 51589 | 35 | 20 | 686 | 68**4 | | | 03 | 5 |
| 567 | PRAHA KBELY | 164 | | | | 540 | 05044 | | | 077 | 52521 | | | 682 | 67697 | | | 05 | 5 |
| | BLOCK 16 | | | | | | | | | | | | | | | | | | |
| 240 | ROMA CIAMPNO | 128 | 20125 | | | 529 | 15095 | | | 138 | 02251 | | | 176 | 64992 | | | 02 | 8 |
| | BLOCK 17 | | | | | | | | | | | | | | | | | | |
| 606 | NICOSIA | | | | | 483 | 67540 | 21 | 9 | 109 | 72602 | 23 | 37 | 917 | 29660 | 23 | 57 | 14 | 2 |
| | BLOCK 40 | | | | | | | | | | | | | | | | | | |
| 427 | BAHREIN | 501 | | | | 479 | 74290 | 30 | 31 | 033 | 61110 | 30 | 30 | 930 | 29790 | 10 | 12 | 14 | 2 |
| 648 | HABBANIYA | | | | | 474 | 72390 | 28 | 22 | 020 | 58090 | 25 | 12 | 924 | 32840 | 24 | 13 | 02 | 2 |
| | BLOCK 42 | | | | | | | | | | | | | | | | | | |
| 182 | NEW DELHI | 504 | | | | 142 | 29220 | | | 313 | 16100 | | | 690 | 52*** | | | 15 | 8 |
| 339 | JODHPUR | 503 | | | | 143 | 25130 | | | 309 | 11520 | | | 579 | 57*** | | | 15 | 8 |
| 475 | BAMRAULI AL | 504 | | | | 142 | 27150 | | | 309 | 07040 | | | 578 | 56*** | | | 15 | 8 |
| 807 | CALCUTTA | 501 | | | | 141 | 22150 | | | 308 | 12070 | | | 584 | 52*** | | | 15 | 8 |
| 867 | NAGPUR | 001 | | | | 144 | 19160 | | | 309 | 13070 | | | 583 | 52*** | | | 15 | 8 |
| 909 | VERAVAL | 002 | 29250 | | | 144 | 18160 | | | 310 | 13590 | | | 583 | 56*** | | | 14 | 8 |
| | BLOCK 43 | | | | | | | | | | | | | | | | | | |
| 063 | POONA | 004 | | | | 146 | 19160 | | | 311 | 11090 | | | 585 | 50*** | | | 14 | 8 |
| 149 | VIZAGAPATAM | 000 | | | | 143 | 21180 | | | 309 | 12070 | | | 583 | 53*** | | | 14 | 8 |
| 279 | MADRAS | 006 | 26230 | | | 149 | 23170 | | | 314 | 08070 | | | *** | ***** | | | 14 | 8 |
| 371 | TRIVANDRUM | 008 | 26240 | | | 150 | 17130 | | | 314 | 11530 | | | 587 | 55*** | | | 15 | 8 |
| | BLOCK 45 | | | | | | | | | | | | | | | | | | |
| 007 | KAI TAK | 010 | 28260 | | | 152 | 19170 | | | 317 | 12050 | | | 592 | 51**0 | | | 22 | 8 |
| | BLOCK 47 | | | | | | | | | | | | | | | | | | |
| 212 | ZINSEN | | 25252 | | | 470 | 10026 | | | 025 | 03543 | | | 887 | 60651 | | | 03 | 1 |
| 412 | SAPPORO OCMO | 057 | 20129 | | | 488 | 17078 | | | 001 | 02532 | | | 880 | 62733 | | | 03 | 1 |
| 580 | MISAWA | 036 | 16129 | 10 | 11 | 486 | 11064 | 14 | 7 | 012 | 04620 | 06 | 6 | 882 | 60997 | 32 | 13 | 03 | 1 |
| 590 | SENDAI OCMO | 038 | 17136 | | | 473 | 08077 | | | 007 | 04028 | | | 878 | 60678 | | | 03 | 1 |
| 600 | WAJIMA | 036 | 18143 | | | 485 | 11079 | | | 010 | 04021 | | | 886 | 59691 | | | 03 | 1 |
| 635 | NAGOYA | 028 | 25200 | | | 490 | 14126 | | | 019 | 06021 | | | *** | ***** | | | 04 | 1 |
| 646 | TATENO | 033 | 18164 | | | 482 | 10115 | | | 005 | 03035 | | | 878 | 61645 | | | 03 | 1 |
| 671 | TOKYO | 032 | 20171 | 36 | 14 | 488 | 14119 | 07 | 10 | 021 | 08046 | 20 | 10 | 916 | 52996 | 27 | 30 | 03 | 1 |
| 744 | YONAGO | 031 | 19167 | | | 478 | 15094 | | | 002 | 08016 | | | 865 | 56653 | | | 03 | 1 |
| 778 | SHIONOMISAKI | 025 | 23196 | | | 491 | 15119 | | | 012 | 08067 | | | 905 | 54652 | | | 03 | 1 |
| 808 | ITAZUKE | 023 | 23185 | 32 | 8 | 486 | 18142 | 14 | 5 | 024 | 10569 | 30 | 17 | 924 | 54653 | 30 | 35 | 03 | 1 |
| 827 | KAGOSHIMA | 023 | 24221 | 27 | 9 | 479 | 14119 | 34 | 9 | 011 | 08069 | 35 | 28 | 900 | 53642 | 36 | 28 | 03 | 1 |
| | BLOCK 60 | | | | | | | | | | | | | | | | | | |
| 155 | CASABLANCA | 102 | 19190 | | | 530 | 13078 | | | 185 | 11580 | | | 968 | 62742 | | | 02 | 8 |
| 390 | M BLANCHE | 137 | 22104 | 09 | 10 | 570 | 19060 | | | 187 | 09551 | | | 873 | 60759 | | | 02 | 5 |
| 715 | TUNIS | 132 | 19187 | | | 530 | 15021 | | | 142 | 04598 | | | *** | 60802 | | | 02 | 8 |
| | BLOCK 61 | | | | | | | | | | | | | | | | | | |
| 642 | DAKAR OUAKAM | 113 | 24203 | 34 | 7 | 520 | 17097 | 18 | 2 | 152 | 05522 | 09 | 17 | 828 | 57991 | 09 | 25 | 07 | 5 |
| | BLOCK 62 | | | | | | | | | | | | | | | | | | |
| 053 | BENINA | 040 | | | | 492 | 54210 | | | 022 | 47920 | | | 902 | 14550 | | | 02 | 2 |
| | BLOCK 70 | | | | | | | | | | | | | | | | | | |
| 026 | BARROW | 032 | 08063 | 17 | 18 | 467 | 01004 | 20 | 23 | 978 | 52533 | 26 | 30 | 832 | 66718 | | | 03 | 1 |
| 133 | KOTZEBUE | 046 | 12062 | 14 | 21 | 490 | 10531 | 23 | 23 | 012 | 00555 | 26 | 22 | 868 | 67827 | | | 03 | 1 |
| 200 | NOME | 060 | 01018 | 20 | 9 | 494 | 07003 | 25 | 23 | 013 | 50647 | 25 | 21 | 867 | 68791 | 26 | 19 | 03 | 1 |
| 204 | GAMBELL | 056 | 03037 | | | 498 | 11531 | | | 020 | 01622 | | | 877 | 66993 | | | 03 | 1 |
| 219 | BETHEL | 071 | 12075 | 27 | 3 | 514 | 07034 | 27 | 9 | 034 | 01685 | 26 | 6 | 893 | 65997 | | | 03 | 1 |
| 231 | MCGRATH | 067 | 14064 | 21 | 5 | 508 | 06558 | 29 | 16 | 025 | 51542 | | | 881 | 67708 | | | 03 | 1 |
| 261 | FRBNKS WEEKS | 064 | 14054 | 21 | 14 | 503 | 01536 | 28 | 10 | 005 | 58702 | 30 | 14 | 846 | 68792 | 34 | 59 | 03 | 1 |
| 273 | ANCH MERRILL | 066 | 14035 | 32 | 5 | 507 | 02539 | 35 | 15 | 016 | 52717 | 34 | 15 | 871 | 85737 | 34 | 46 | 03 | 1 |
| 291 | NORTHWAY | 057 | | | | 500 | 03558 | 30 | 12 | 005 | 58649 | 31 | 6 | 832 | 76873 | 24 | 8 | 03 | 1 |
| 316 | FORT RANDALL | 101 | 42 | | | | | | | *** | ***** | | | *** | ***** | | | 03 | 1 |
| 350 | KODIAK | 101 | 42 | | | | | | | *** | ***** | | | *** | ***** | | | 03 | 1 |
| 361 | YAKUTAT | 068 | 08052 | 00 | | 499 | 52541 | 16 | 6 | 988 | 58627 | 06 | 20 | 833 | 73782 | 12 | 6 | 03 | 1 |
| 381 | JUNEAU | 065 | 11031 | 27 | 5 | 550 | 51539 | | | 001 | 56637 | | | 833 | 75773 | | | 03 | 1 |
| 398 | ANNETTE IS | | 09995 | 21 | 2 | 499 | 51555 | 31 | 4 | 005 | 54993 | 20 | 8 | 851 | 71790 | 20 | 10 | 03 | 1 |
| 409 | MASSACRE BAY | 053 | 06996 | | | 485 | 03993 | | | 002 | 01523 | | | *** | ***** | | | 03 | 1 |
| 439 | AMCHITKA | 101 | 42 | | | | | | | *** | ***** | | | *** | ***** | | | 03 | 1 |
| 485 | FORT GLENN | 067 | 10083 | 20 | 2 | 510 | 08077 | 07 | 5 | 034 | 04507 | 11 | 2 | 916 | 56998 | 06 | 25 | 03 | 1 |
| | BLOCK 72 | | | | | | | | | | | | | | | | | | |
| 202 | MIAMI | 050 | 26228 | 15 | 5 | 513 | 16137 | 06 | 5 | 048 | 07007 | 12 | 3 | 934 | 56724 | 20 | 4 | 03 | 1 |
| 208 | CHARLESTON | 044 | 24225 | 29 | 11 | 507 | 15146 | 30 | 11 | 041 | 08057 | 33 | 5 | 932 | 56613 | 08 | 11 | 03 | 1 |
| 211 | TAMPA | 052 | 26222 | 33 | 3 | 517 | 18121 | 18 | 5 | 054 | 09522 | 18 | 6 | 945 | 55688 | | | 03 | 1 |
| 219 | ATLANTA | 052 | | | | 515 | 16126 | 08 | 18 | 050 | 07038 | 08 | 7 | 936 | 57639 | 16 | 16 | 03 | 1 |
| 231 | NEW ORLEANS | 035 | 25237 | 10 | 10 | 499 | 18146 | 10 | 18 | 039 | 11033 | 10 | 6 | 932 | 55628 | 11 | 5 | 03 | 1 |

# RADIOSONDE AND RAWINSONDE DATA— Continued

| Index No. iii | 300 mb. hhh | TTTTT ddx | dd | ff | 200 mb. hhh | TTTTT ddx | dd | ff | 100 mb. hhh | TTTTT ddx | dd | ff | Hour GG | Code Type |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
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| 917 | 985 | 95998 | 20 | 16 | | | | | | | | | 03 | 1 |
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| 924 | 986 | 98997 | 36 | 45 | 862 | | 32 | 43 | | | | | 03 | 1 |
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| 945 | 012 | 94990 | | | 891 | 93992 | | | 487 | 93993 | | | 03 | 1 |
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| 043 | 011 | 99994 | | | 863 | 98995 | | | 377 | 94991 | | | 03 | 1 |
| 072 | 992 | 97998 | | | 857 | 95993 | | | 387 | 91995 | | | 03 | 1 |
| 074 | 101 | 50 | | | | | | | | | | | 03 | 1 |
| 090 | 991 | 94992 | 29 | 67 | 867 | 94997 | 32 | 21 | 494 | 93996 | 30 | 24 | 03 | 1 |
| 109 | 055 | 90998 | | | 935 | 98991 | | | | | | | 03 | 1 |
| 188 | 139 | 86997 | | | 036 | 97995 | | | | | | | 04 | 1 |
| 76 | | | | | | | | | | | | | | |
| 458 | | | | | | | | | | | | | | |
| 491 | 177 | 82998 | | | | | | | | | | | 02 | 1 |
| 644 | | | | | | | | | | | | | | |
| 679 | 177 | 83994 | | | 069 | 04998 | | | | | | | 03 | 1 |
| 78 | | | | | | | | | | | | | | |
| 016 | 172 | 83990 | 00 | | | | | | | | | | 03 | 1 |
| 325 | | | | | | | | | | | | | | |
| 395 | 137 | 86994 | 12 | 18 | 017 | 06997 | 07 | 11 | | | | | 03 | 1 |
| 501 | 180 | 81994 | | | 076 | 04991 | | | 447 | 21997 | | | 03 | 1 |
| 525 | | | | | | | | | | | | | | |
| 806 | 161 | 83923 | 11 | 15 | 051 | 06991 | 14 | 17 | | | | | 03 | 1 |
| 862 | 101 | 50 | | | | | | | | | | | 03 | 1 |
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| 066 | | | | | | | | | | | | | | |
| 115 | 208 | 77995 | 29 | 12 | 130 | 96998 | 09 | 2 | 505 | 24994 | 05 | 5 | 03 | 1 |
| 182 | 172 | 87971 | 32 | 6 | 050 | 07996 | 02 | 22 | 431 | 16993 | 08 | 11 | 03 | 1 |
| 215 | 171 | 82998 | 09 | 22 | 067 | 01999 | 21 | 16 | 453 | 27996 | 10 | 25 | 03 | 1 |
| 245 | 192 | 80858 | 02 | 19 | 090 | 05990 | 35 | 22 | | | | | 03 | 1 |
| 275 | | | | | | | | | | | | | | |
| 366 | 209 | 77996 | 03 | 6 | 127 | | | | | | | | 03 | 1 |
| 98 | | | | | | | | | | | | | | |
| 327 | 173 | 80991 | 16 | 8 | 079 | 00996 | 15 | 27 | | | | | 03 | 1 |
| 645 | 192 | 79887 | | | 094 | 83999 | | | 455 | 25990 | | | 03 | 8 |
| QLL | | OCEAN STA | | | | | | | | | | | | |
| 034 | 149 | 89990 | 33 | 10 | 020 | 07999 | | | 443 | 14998 | | | 03 | 9 |
| 035 | 160 | 89923 | | | 028 | 09991 | | | | | | | 03 | 9 |
| 037 | 178 | 87963 | 05 | 24 | 058 | 04997 | | | | | | | 03 | 9 |
| 041 | 960 | 01 4 | | | | | | | | | | | 02 | 8 |
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| 134 | 154 | 88900 | 27 | 26 | 032 | 07997 | 25 | 34 | 442 | ***** | | | 03 | 9 |
| 144 | 132 | 89998 | 30 | 60 | 999 | 11998 | | | 430 | 03999 | | | 03 | 9 |
| 223 | 204 | 73 | | | 143 | 92 | | | 569 | 19*** | | | 14 | 9 |
| 235 | 129 | 85 | | | | | | | | | | | 02 | 9 |
| 246 | 077 | 86991 | | | 961 | 03992 | | | | | | | 03 | 9 |
| 360 | 924 | 92995 | 29 | 51 | 193 | 95990 | 30 | 21 | | | | | 03 | 5 |
| 01 | | | | | | | | | | | | | | |
| 001 | 907 | 98991 | | | 174 | 94992 | | | | | | | 03 | 8 |
| 030 | 929 | 92963 | | | 197 | 97 5 | | | 660 | 92**8 | | | 03 | 8 |
| 384 | 937 | 93997 | 34 | 33 | | | | | | | | | 03 | 5 |
| 415 | 940 | 92997 | | | 204 | 05997 | | | | | | | 03 | 8 |
| 02 | | | | | | | | | | | | | | |
| 057 | 927 | 97991 | | | | | | | | | | | 03 | 8 |
| 077 | 934 | 95990 | 10 | 17 | | | | | | | | | 03 | 5 |
| 084 | 037 | 94996 | | | 202 | 02990 | | | 655 | 98999 | | | 03 | 8 |
| 03 | | | | | | | | | | | | | | |
| 005 | 082 | 55 0 | 85 | 35 | | | | | | | | | 02 | 2 |
| 026 | 077 | 54 0 | 23 | 60 | | | | | | | | | 02 | 2 |
| 476 | 119 | 58 0 | 30 | 23 | | | | | | | | | 02 | 2 |
| 743 | 118 | 57 0 | 29 | 18 | | | | | | | | | 02 | 2 |
| 808 | 121 | 60440 | 25 | 22 | | | | | | | | | 02 | 2 |
| 917 | 099 | 59 0 | 24 | 42 | | | | | | | | | 02 | 2 |
| 953 | 053 | 59 0 | | | 921 | 37 0 | | | 385 | 31**0 | | | 03 | 2 |
| 04 | | | | | | | | | | | | | | |
| 018 | 944 | 96999 | | | 042 | 09993 | 15 | 8 | 383 | 92999 | 18 | 18 | 03 | 1 |
| 202 | 939 | 95990 | 01 | 31 | 839 | 91992 | 33 | 7 | | | | | 03 | 1 |
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| 270 | 016 | 94994 | | | 869 | 06998 | | | | | | | 04 | 1 |
| 06 | | | | | | | | | | | | | | |
| 011 | 920 | 97993 | | | | | | | | | | | 03 | 8 |
| 260 | 938 | 93 | | | | | | | | | | | 03 | 8 |
| 447 | 499 | 90 4 | | | 147 | 04 8 | | | 591 | 03**9 | | | 03 | 8 |
| 07 | | | | | | | | | | | | | | |
| 110 | 353 | 93 4 | 89 | 13 | 215 | 06 1 | 26 | 31 | 643 | 12**0 | 33 | 15 | 02 | 5 |
| 145 | 955 | 87021 | | | 228 | 04 7 | | | 659 | 10**7 | | | 02 | 8 |
| 190 | 955 | 92 0 | | | 221 | 04 7 | | | 662 | 05**7 | | | 02 | 8 |
| 480 | 101 | 43 | | | | | | | | | | | 02 | 8 |
| 510 | 952 | 89982 | 29 | 12 | | | | | | | | | 02 | 5 |
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| 521 | 965 | 82947 | | | 226 | 05997 | | | | | | | 14 | 8 |
| 536 | 961 | 90993 | | | | | | | | | | | 14 | 8 |
| 10 | | | | | | | | | | | | | | |
| 034 | 077 | 55 0 | 35 | 48 | 940 | 33 0 | 35 | 40 | 403 | 39**0 | 02 | 10 | 02 | 2 |
| 384 | 936 | 93998 | 36 | 7 | | | | | | | | | 03 | 5 |
| 419 | 101 | 57 0 | 35 | 56 | 971 | 32 0 | 34 | 51 | 427 | 34**0 | 35 | 13 | 02 | 2 |
| 633 | 941 | 92990 | | | | | | | | | | | 03 | 5 |
| 866 | 927 | 93999 | 01 | 50 | 196 | 98997 | 01 | 37 | | | | | 03 | 5 |
| 11 | | | | | | | | | | | | | | |
| 030 | 932 | 93 0 | | | 203 | 98 4 | | | | | | | 03 | 5 |
| 567 | 929 | 93996 | | | 193 | 06990 | | | | | | | 05 | 5 |
| 16 | | | | | | | | | | | | | | |
| 240 | 101 | 43 | | | | | | | | | | | 02 | 8 |
| 17 | | | | | | | | | | | | | | |
| 606 | 197 | 91480 | 21 | 78 | 128 | 51 0 | 22 | 64 | 556 | 11**0 | | | 14 | 2 |
| 40 | | | | | | | | | | | | | | |
| 427 | 197 | 82420 | 06 | 26 | 114 | 47 0 | 09 | 25 | 519 | 97**0 | 10 | 43 | 14 | 2 |
| 648 | 202 | 84430 | 25 | 20 | 120 | 47 0 | 23 | 29 | 528 | 00**0 | 19 | 23 | 02 | 2 |
| 42 | | | | | | | | | | | | | | |
| 182 | 975 | 79 | | | 253 | 96 | | | | | | | 15 | 8 |
| 339 | 962 | 82 | | | 233 | 07 | | | | | | | 15 | 8 |
| 475 | 958 | 82 | | | | | | | | | | | 15 | 8 |
| 807 | 970 | 75 | | | | | | | | | | | 15 | 8 |
| 867 | 971 | 76 | | | 253 | 97 | | | | | | | 15 | 8 |
| 909 | 969 | 82 | | | | | | | | | | | 14 | 8 |
| 43 | | | | | | | | | | | | | | |
| 063 | 101 | 43 | | | | | | | | | | | 14 | 8 |
| 149 | 965 | 77 | | | | | | | | | | | 14 | 8 |
| 279 | 101 | 43 | | | | | | | | | | | 14 | 8 |
| 371 | 967 | 81 | | | | | | | | | | | 15 | 8 |
| 45 | | | | | | | | | | | | | | |
| 007 | 101 | 50 | | | | | | | | | | | 22 | 8 |
| 47 | | | | | | | | | | | | | | |
| 212 | 376 | 81911 | | | | | | | | | | | 03 | 1 |
| 412 | 103 | 87990 | | | 994 | 00998 | | | 427 | 01999 | | | 03 | 1 |
| 580 | 122 | 81999 | 28 | 30 | 032 | 97990 | 27 | 50 | 540 | 96992 | 28 | 64 | 03 | 1 |
| 590 | 116 | 81990 | | | 030 | 97990 | | | | | | | 03 | 1 |
| 600 | 123 | 81899 | | | 032 | 98994 | | | 525 | 00998 | | | 03 | 1 |
| 635 | 101 | 43 | | | | | | | | | | | 04 | 1 |
| 646 | 120 | 81992 | | | 039 | 93998 | | | 531 | 01992 | | | 03 | 1 |
| 671 | 186 | 77991 | 27 | 41 | 111 | 95993 | 73 | 5 | 576 | 06993 | | | 03 | 1 |
| 744 | 057 | 82990 | | | 913 | 07999 | | | 254 | 13994 | | | 03 | 1 |
| 778 | 167 | 78872 | | | 087 | 94990 | | | | | | | 03 | 1 |
| 808 | 191 | 78990 | 29 | 87 | 102 | 98997 | | | 548 | 05990 | | | 03 | 1 |
| 827 | 168 | 77894 | | | 082 | 02991 | | | 482 | 16990 | | | 03 | 1 |
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| 155 | 968 | 88988 | | | 237 | 03 0 | | | | | | | 02 | 8 |
| 390 | 957 | 90110 | | | | | | | | | | | 02 | 5 |
| 715 | 546 | 88 0 | | | | | | | | | | | 02 | 8 |
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| 642 | 101 | 43 | | | | | | | | | | | 07 | 5 |
| 62 | | | | | | | | | | | | | | |
| 053 | 141 | 16420 | | | 047 | 43 0 | | | 666 | 11**0 | | | 02 | 2 |
| 70 | | | | | | | | | | | | | | |
| 026 | | | | | | | | | | | | | | |
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| 200 | | | | | | | | | | | | | | |
| 204 | | | | | | | | | | | | | | |
| 219 | | | | | | | | | | | | | | |
| 231 | | | | | | | | | | | | | | |
| 261 | | | | | | | | | | | | | | |
| 273 | | | | | | | | | | | | | | |
| 291 | | | | | | | | | | | | | | |
| 316 | 101 | 42 | | | | | | | | | | | 03 | 1 |
| 350 | 101 | 42 | | | | | | | | | | | 03 | 1 |
| 361 | | | | | | | | | | | | | | |
| 381 | 980 | 03990 | | | 860 | 95997 | | | 379 | 94994 | | | 03 | 1 |
| 398 | | | | | | | | | | | | | | |
| 409 | | | | | | | | | | | | | | |
| 439 | 101 | 42 | | | | | | | | | | | 03 | 1 |
| 485 | | | | | | | | | | | | | | |
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| 231 | 188 | 80927 | 32 | 9 | 089 | 02996 | 33 | 14 | 475 | 23993 | 06 | 28 | 03 | 1 |

WB FORM 5282 B

# RADIOSONDE AND RAWINSONDE DATA.

## SIGNIFICANT LEVELS

| Index No. iii | 1st. 5th. etc. Level PPP | TTTTT ddx | 2nd. 6th. etc. Level PPP | TTTTT ddx | 3rd. 7th. etc. Level PPP | TTTTT ddx | 4th. 8th. etc. Level PPP | TTTTT ddx | Hour GG | Code Type |
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| 945 | 963 | 13104 | 920 | 13077 | 757 | 01541 | 652 | 57605 | 03 | 1 |
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| 072 | 014 | 01002 | 993 | 50502 | 930 | 04032 | 816 | 00535 | 03 | 1 |
| 074 | 016 | 03517 | 980 | 00523 | 940 | 02509 | 770 | 51692 | 03 | 1 |
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| 109 | 026 | 11092 | 800 | 53567 | 767 | 53595 | 616 | 59718 | 03 | 1 |
| 188 | 014 | 14125 | 971 | 20130 | 470 | 61797 | | 71993 | 04 | 1 |
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| 458 | 009 | 29244 | 976 | 27207 | 931 | 29181 | 808 | 21041 | 02 | 1 |
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| 644 | 012 | 26234 | 968 | 23207 | 955 | 24176 | 873 | 19165 | 03 | 1 |
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| 115 | 002 | 30234 | 956 | 24204 | 836 | 18153 | 752 | 10380 | 03 | 1 |
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| 275 | 015 | 26229 | 886 | 18155 | 862 | 10084 | 837 | 10067 | 03 | 1 |
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| 037 | 023 | 26231 | 909 | 21122 | 904 | 22185 | 810 | 13091 | 03 | 9 |
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| 235 | 000 | 17 | 761 | 04 | 568 | 52*** | 413 | 67*** | 02 | 9 |
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| 030 | 022 | 10084 | 915 | 05033 | 840 | 51531 | 815 | 01513 | 03 | 8 |
| 384 | 999 | 08073 | 972 | 10083 | 925 | 08069 | 862 | 04037 | 03 | 5 |
| 415 | 023 | 07066 | 982 | 13051 | 920 | 09006 | 866 | 08501 | 03 | 8 |
| 02 | | | | | | | | | | |
| 057 | 018 | 14101 | 978 | 13091 | 948 | 15107 | 749 | 51532 | 03 | 8 |
| 077 | 019 | 12098 | 998 | 16079 | 793 | 04522 | 553 | 61731 | 03 | 5 |
| 084 | 020 | 16155 | 952 | 15126 | 658 | 51609 | 162 | 71793 | 03 | 8 |
| 03 | | | | | | | | | | |
| 005 | 011 | 54540 | | | | | | | 02 | 2 |
| 026 | 020 | 55520 | | | | | | | 02 | 2 |
| 476 | 021 | 56470 | | | | | | | 02 | 2 |
| 743 | 010 | 50460 | | | | | | | 02 | 2 |
| 808 | 014 | 60460 | | | | | | | 02 | 2 |
| 917 | 015 | 59530 | | | | | | | 02 | 2 |
| 953 | 021 | 58 0 | 982 | 57 0 | 898 | 47**0 | 872 | 54**0 | 03 | 2 |
| 04 | | | | | | | | | | |
| 018 | 997 | 08020 | 789 | 54657 | 780 | 51639 | 632 | 61785 | 03 | 1 |
| 202 | 006 | 50509 | 978 | 52531 | 894 | 00529 | 634 | 63705 | 03 | 1 |
| 231 | 003 | 09085 | 956 | 08042 | 925 | 09021 | 854 | 05548 | 04 | 1 |
| 270 | 015 | 05013 | 900 | 02007 | 664 | 58703 | 600 | 61774 | 04 | 1 |
| 06 | | | | | | | | | | |
| 011 | | 097 | 870 | 03015 | 823 | 02501 | 679 | 56602 | 03 | 8 |
| 260 | 026 | 05054 | 975 | 06065 | 955 | 04049 | 911 | 06552 | 03 | 8 |
| 447 | 014 | 09084 | 980 | 10088 | 956 | 10084 | 941 | 10054 | 03 | 8 |
| 07 | | | | | | | | | | |
| 110 | 101 | 11117 | 988 | 13172 | 926 | 18142 | 897 | 15116 | 02 | 5 |
| 145 | 004 | 18091 | 975 | 14094 | 920 | 12088 | 862 | 12026 | 02 | 8 |
| 190 | 005 | 10081 | 970 | 12104 | 941 | 12096 | 865 | 06025 | 02 | 8 |
| 480 | 996 | 17081 | 920 | 18075 | 873 | 17022 | | | 02 | 8 |
| 510 | 014 | 15117 | 950 | 20142 | 850 | 14072 | 772 | 10029 | 02 | 5 |
| 645 | 009 | 23092 | 957 | 19084 | 935 | 13073 | 905 | 17065 | 02 | 5 |
| 08 | | | | | | | | | | |
| 509 | 011 | 19186 | 879 | 13130 | 840 | 10029 | 808 | 11008 | 03 | 1 |
| 521 | 007 | 23173 | 863 | 12129 | 835 | 12019 | 824 | 15990 | 14 | 8 |
| 536 | 005 | 38092 | 927 | 28067 | 887 | 26993 | 816 | 20506 | 14 | 8 |
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| 034 | 020 | 48470 | 959 | 60440 | 874 | 48370 | 722 | 33130 | 02 | 2 |
| 384 | 014 | 13124 | 976 | 14126 | 746 | 01506 | 738 | 01587 | 03 | 5 |
| 419 | 995 | 49440 | 940 | 47420 | 922 | 44330 | 889 | 49300 | 02 | 2 |
| 633 | 009 | 10080 | 970 | 10071 | 887 | 07051 | 836 | 03607 | 03 | 5 |
| 866 | 968 | 07032 | 945 | 12065 | 760 | 52575 | 740 | 01615 | 03 | 5 |
| 11 | | | | | | | | | | |
| 030 | 999 | 10089 | 978 | 13094 | 838 | 05059 | 730 | 52521 | 03 | 5 |
| 567 | 986 | 12102 | 550 | 61634 | 400 | 81828 | 343 | 86993 | 05 | 5 |
| 16 | | | | | | | | | | |
| 240 | 003 | 12122 | 974 | 23135 | 608 | 55007 | 580 | 56645 | 02 | 8 |
| 17 | | | | | | | | | | |
| 606 | 983 | 79640 | 915 | 70600 | 883 | 70580 | 683 | 45110 | 14 | 2 |
| 40 | | | | | | | | | | |
| 427 | 999 | 94740 | 976 | 93590 | | 95400 | 534 | 24060 | 14 | 2 |
| 648 | 997 | 75450 | 945 | 85500 | 844 | 81630 | 816 | 71290 | 02 | 2 |
| 42 | | | | | | | | | | |
| 182 | 972 | 31240 | 583 | 04520 | 569 | 04530 | 361 | 67*** | 15 | 8 |
| 339 | 973 | 37180 | 617 | 00 | 586 | 00000 | 524 | 57*** | 15 | 8 |
| 475 | 985 | 36210 | 877 | 30170 | 661 | 02020 | 628 | 03010 | 15 | 8 |
| 807 | 998 | 28260 | 745 | 16100 | 567 | 04540 | 626 | 61*** | 15 | 8 |
| 867 | 967 | 27840 | 935 | 27210 | 870 | 21180 | 662 | 08070 | 15 | 8 |
| 909 | 001 | 29250 | 979 | 26240 | 775 | 18000 | 750 | 17570 | 14 | 8 |
| 43 | | | | | | | | | | |
| 063 | 943 | 26200 | 627 | 07520 | 520 | 50*** | 452 | 53*** | 14 | 8 |
| 149 | 995 | 28220 | 957 | 24210 | 640 | 07050 | 517 | 52550 | 14 | 8 |
| 279 | 005 | 26230 | 834 | 22150 | 670 | 07070 | 625 | 03510 | 14 | 8 |
| 371 | 002 | 26240 | 623 | 06570 | 570 | 00560 | 525 | 52620 | 15 | 8 |
| 45 | | | | | | | | | | |
| 007 | 011 | 30260 | 950 | 25230 | 900 | 22200 | 800 | 17130 | 22 | 8 |
| 47 | | | | | | | | | | |
| 212 | 003 | 25155 | 965 | 24141 | 560 | 57583 | 400 | 69797 | 03 | 1 |
| 412 | 011 | 22131 | 967 | 18128 | 891 | 12085 | 820 | 09043 | 03 | 1 |
| 580 | 009 | 17138 | 958 | 14108 | 902 | 14082 | 970 | 08023 | 03 | 1 |
| 590 | 009 | 18142 | 879 | 09072 | 644 | 01560 | 600 | 53553 | 03 | 1 |
| 600 | 011 | 19151 | 900 | 13123 | 765 | 08041 | 612 | 00562 | 03 | 1 |
| 635 | 008 | 25191 | 922 | 19182 | 742 | 07036 | 658 | 00005 | 04 | 1 |
| 646 | 009 | 19165 | 923 | 12129 | 587 | 51523 | 753 | 63685 | 03 | 1 |
| 671 | 011 | 20185 | 896 | 15129 | 871 | 15129 | 624 | 05543 | 03 | 1 |
| 744 | 010 | 20163 | 931 | 16143 | 889 | 16093 | 821 | 13054 | 03 | 1 |
| 778 | 000 | 23196 | 976 | 20172 | 829 | 14200 | 601 | 04544 | 03 | 1 |
| 808 | 008 | 23188 | 710 | 11574 | 668 | 08555 | 595 | 03672 | 03 | 1 |
| 827 | 008 | 25231 | 879 | 15131 | 823 | 14124 | 645 | 04014 | 03 | 1 |
| 60 | | | | | | | | | | |
| 155 | 007 | 19192 | 984 | 17179 | 939 | 22151 | 895 | 25121 | 02 | 8 |
| 390 | 013 | 19087 | 985 | 25123 | 895 | 22081 | 810 | 16042 | 02 | 5 |
| 715 | 016 | 18179 | 990 | 20182 | 938 | 0*144 | 870 | 18071 | 02 | 8 |
| 61 | | | | | | | | | | |
| 642 | 009 | 24227 | 968 | 21208 | 950 | 23151 | 882 | 21131 | 07 | 5 |
| 62 | | | | | | | | | | |
| 053 | 999 | 65590 | 926 | 69612 | 917 | | 845 | 54280 | 02 | 2 |
| 70 | | | | | | | | | | |
| 026 | 011 | 08075 | 928 | 05016 | 400 | 78844 | | | 03 | 1 |
| 133 | 016 | 12069 | 900 | 08036 | 887 | 10037 | 800 | 07013 | 03 | 1 |
| 200 | 022 | 03021 | 974 | 00001 | 938 | 05044 | 900 | 05524 | 03 | 1 |
| 204 | 018 | 04044 | 945 | 01004 | 931 | 06065 | 899 | 64045 | 03 | 1 |
| 219 | 025 | 16091 | 941 | 09052 | 933 | 10065 | 887 | 09016 | 03 | 1 |
| 231 | 012 | 15065 | | | | | | | 03 | 1 |
| 261 | 007 | 15067 | 762 | 55594 | 597 | 63791 | 570 | 64995 | 03 | 1 |
| 273 | 019 | 17069 | 882 | 00554 | 798 | 50594 | 782 | 00641 | 03 | 1 |
| 291 | 959 | 14027 | 958 | 12529 | 781 | 52625 | 648 | 63684 | 03 | 1 |
| 316 | | | | | | | | | | |
| 350 | | | | | | | | | | |
| 361 | 022 | 41063 | 400 | 85903 | | | | | 03 | 1 |
| 381 | 023 | 13033 | 774 | 57582 | 738 | 54697 | 718 | 55604 | 03 | 1 |
| 398 | 020 | 11062 | 936 | 04007 | 843 | 00573 | 804 | 51691 | 03 | 1 |
| 409 | 018 | 07051 | 928 | 04990 | 780 | 04518 | 670 | 00532 | 03 | 1 |
| 439 | | | | | | | | | | |
| 485 | 022 | 12120 | 089 | 09076 | 966 | 10082 | 921 | 10091 | 03 | 1 |
| 72 | | | | | | | | | | |
| 202 | 017 | 28223 | 939 | 21195 | 658 | 04559 | 585 | 50589 | 03 | 1 |
| 208 | 014 | 24231 | 990 | 24216 | 925 | 20182 | 593 | 02542 | 03 | 1 |
| 211 | 017 | 26237 | 953 | 23206 | 797 | 15071 | 755 | 11055 | 03 | 1 |
| 219 | 984 | 24204 | 635 | 03538 | 560 | 52576 | 531 | 55651 | 03 | 1 |
| 231 | 012 | 26233 | 630 | 05004 | 414 | 64714 | 400 | 65774 | 03 | 1 |

WB FORM 5282 B

# RADIOSONDE AND RAWINSONDE DATA.

## SIGNIFICANT LEVELS

| Index No. iii | 1st. 5th. etc. Level PPP | TTTTT ddx | 2nd. 6th. etc. Level PPP | TTTTT ddx | 3rd. 7th. etc. Level PPP | TTTTT ddx | 4th. 8th. etc. Level PPP | TTTTT ddx | Hour GG | Code Type |
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| 836 | 594 | 53701 | 550 | 57778 | 400 | 74901 | 265 | 95081 | 03 | 1 |
| 867 | 710 | 02569 | 548 | 58702 | 400 | 75847 | 239 | 00990 | 03 | 1 |
| 879 | 400 | 81909 | 283 | 98994 | 175 | 92999 | 136 | 97993 | 03 | 1 |
| 896 | 400 | 90973 | 355 | 98990 | 237 | 90990 | 185 | 94993 | 03 | 1 |
| 906 | 695 | 05012 | 610 | 50612 | 580 | 52691 | 433 | 68828 | 03 | 1 |
| 907 | 904 | 05057 | 785 | 50526 | 756 | 63554 | 671 | 57602 | 03 | 1 |
| 913 | 654 | 56561 | 546 | 65668 | 490 | 70720 | 400 | 81840 | 03 | 1 |
| 915 | 585 | 56578 | 400 | 74778 | 247 | 00990 | 190 | 91997 | 03 | 1 |
| 917 | 590 | 64788 | 400 | 82875 | 339 | 80943 | 245 | 04994 | 03 | 1 |
| 918 | 664 | 60691 | 556 | 69779 | 524 | 71867 | 460 | 81861 | 03 | 1 |
| 924 | 356 | 90010 | 271 | 03990 | | | | | 03 | 1 |
| 926 | | | | | | | | | | |
| 934 | 565 | 61647 | 544 | 72782 | 400 | 79832 | 238 | 06995 | 03 | 1 |
| 938 | | | | | | | | | | |
| 945 | 599 | 60681 | 400 | 79877 | 333 | 89951 | 250 | 01997 | 03 | 1 |
| 964 | 619 | 61731 | 595 | 61788 | 400 | 83994 | 276 | 02991 | 03 | 1 |
| 968 | 800 | 53603 | 749 | 54619 | 734 | 54618 | 533 | 70775 | 02 | 1 |
| 74 | | | | | | | | | | |
| 043 | 650 | 56727 | 621 | 59662 | 591 | 61735 | 445 | 77846 | 03 | 1 |
| 072 | 802 | 01532 | 649 | 57705 | 400 | 82906 | 352 | 90990 | 03 | 1 |
| 074 | 600 | 62994 | 101 | 44 | | | | | 03 | 1 |
| 090 | 725 | 55588 | 713 | 55558 | 651 | 62640 | 550 | 67702 | 03 | 1 |
| 109 | 608 | 59707 | 416 | 75823 | | | 356 | 84921 | 03 | 1 |
| 188 | 280 | 90990 | 110 | 09990 | 101 | 58*** | | | 04 | 1 |
| 76 | | | | | | | | | | |
| 458 | 400 | 67762 | | | | | | | 02 | 1 |
| 491 | 606 | 02631 | 512 | 56743 | 504 | 55722 | 432 | 65758 | 02 | 1 |
| 644 | 817 | 15068 | 803 | 14098 | 607 | 02514 | 568 | 51597 | 03 | 1 |
| 679 | 492 | 59651 | 476 | 57617 | 400 | 67813 | 350 | 74884 | 03 | 1 |
| 78 | | | | | | | | | | |
| 016 | 756 | 08 | 586 | 601 | 510 | 59662 | 455 | 64797 | 03 | 1 |
| 325 | | | | | | | | | | |
| 395 | 806 | 13004 | 705 | 05544 | 684 | 05616 | 548 | 56665 | 03 | 1 |
| 501 | 677 | 07507 | 617 | 02575 | 586 | 51552 | 540 | 53692 | 03 | 1 |
| 525 | | | | | | | | | | |
| 806 | 316 | 80904 | 263 | 90981 | 142 | 24995 | | | 03 | 1 |
| 862 | 738 | 15533 | 598 | 00627 | 562 | 51643 | 550 | 00645 | 03 | 1 |
| 91 | | | | | | | | | | |
| 066 | 770 | 15586 | 720 | 11999 | 672 | 06643 | 632 | 04683 | 04 | 1 |
| 115 | 634 | 00612 | 566 | 00995 | 488 | 53996 | 400 | 64990 | 03 | 1 |
| 182 | 782 | 17585 | 707 | 11626 | 495 | 57755 | 486 | 57711 | 03 | 1 |
| 215 | 627 | 03609 | 595 | 03656 | 400 | 66993 | 264 | 90990 | 03 | 1 |
| 245 | 604 | 04633 | 548 | 50617 | 527 | 51671 | 491 | 55665 | 03 | 1 |
| 275 | 812 | 17545 | 536 | 50995 | 400 | 67998 | | | 03 | 1 |
| 366 | 735 | 13104 | 685 | 10541 | 655 | 07007 | 620 | 05567 | 03 | 1 |
| 98 | | | | | | | | | | |
| 327 | 595 | 02571 | 400 | 65776 | 380 | 67801 | 751 | 88998 | 03 | 1 |
| 645 | 630 | 05512 | 560 | 01663 | 492 | 56711 | 449 | 59684 | 03 | 8 |
| QLL | | OCEAN | STA | | | | | | | |
| 034 | 559 | 58653 | 510 | 61766 | 482 | 64709 | 306 | 87987 | 03 | 9 |
| 035 | 684 | 04581 | 670 | 03641 | 466 | 63711 | 440 | 69741 | 03 | 9 |
| 037 | 793 | 13002 | 723 | 10511 | 661 | 06642 | 624 | 03563 | 03 | 9 |
| 041 | | | | | | | | | | |
| 044 | 898 | 10642 | 795 | 05678 | 754 | 03553 | 553 | 62798 | 03 | 9 |
| 051 | 595 | 29850 | 475 | 03720 | 282 | 54**0 | 212 | 36**0 | 02 | 2 |
| 053 | 640 | 59993 | 436 | 80993 | 400 | 82990 | 324 | 89994 | 03 | 9 |
| 055 | 529 | 66777 | 400 | 76882 | 240 | 98999 | | | 03 | 9 |
| 062 | | | | | | | | | | |
| 063 | 745 | 55588 | 723 | 54674 | 235 | 91993 | 110 | 93993 | 03 | 9 |
| 134 | 649 | 03624 | 569 | 52713 | 400 | 71998 | 108 | 14990 | 03 | 9 |
| 144 | 553 | 59735 | 400 | 75794 | 302 | 89953 | 173 | 15993 | 03 | 9 |
| 223 | 613 | 07 | 552 | 01 | 367 | 64*** | 347 | 68*** | 14 | 9 |
| 235 | 243 | 98 | 209 | 93 | | | | | 02 | 9 |
| 246 | 811 | 07027 | 771 | 06568 | 630 | 53600 | 514 | 64673 | 03 | 9 |
| 360 | 673 | 55627 | 400 | 80873 | 246 | 00000 | 210 | 95*** | 03 | 5 |
| 01 | | | | | | | | | | |
| 001 | 650 | 60617 | 639 | 59596 | 438 | 76787 | 400 | 81838 | 03 | 8 |
| 030 | 780 | 01561 | 460 | 73805 | 400 | 78831 | 232 | 03**4 | 03 | 8 |
| 384 | 840 | 06034 | 775 | 03507 | 666 | 54571 | 650 | 54573 | 03 | 5 |
| 415 | 825 | 05623 | 803 | 06542 | 768 | 02589 | 737 | 02599 | 03 | 8 |
| 02 | | | | | | | | | | |
| 057 | 700 | 53536 | 585 | 61623 | 442 | 75773 | 249 | 06993 | 03 | 8 |
| 077 | 411 | 79893 | 258 | 02991 | | | | | 03 | 5 |
| 084 | 237 | 02998 | 187 | 00992 | 124 | 98997 | 095 | 98999 | 03 | 8 |
| 03 | | | | | | | | | | |
| 005 | | | | | | | | | | |
| 026 | | | | | | | | | | |
| 476 | | | | | | | | | | |
| 743 | | | | | | | | | | |
| 808 | | | | | | | | | | |
| 917 | | | | | | | | | | |
| 953 | 227 | 32 0 | 210 | 33 0 | 192 | 40**0 | 158 | 40**0 | 03 | 2 |
| 04 | | | | | | | | | | |
| 018 | 553 | 68782 | 400 | 84928 | 365 | 90972 | 293 | 97006 | 03 | 1 |
| 202 | 597 | 66793 | 400 | 87977 | 327 | 97990 | 129 | 91995 | 03 | 1 |
| 231 | 744 | 52551 | 704 | 54594 | | | | | 04 | 1 |
| 270 | 400 | 78999 | 323 | 90990 | 230 | 09995 | | 00090 | 03 | 1 |
| 06 | | | | | | | | | | |
| 011 | 628 | 57655 | 564 | 61708 | 465 | 70799 | 264 | 03998 | 03 | 8 |
| 260 | 880 | 05597 | 744 | 51611 | 707 | 51681 | 605 | 56686 | 03 | 8 |
| 447 | 932 | 10029 | 884 | 10514 | 756 | 07552 | 270 | 96**4 | 03 | 8 |
| 07 | | | | | | | | | | |
| 110 | 864 | 14086 | 808 | 09058 | 715 | 07518 | 633 | 02584 | 02 | 5 |
| 145 | 854 | 12027 | 820 | 12514 | 775 | 09622 | 768 | 09682 | 02 | 8 |
| 190 | 812 | 06005 | 793 | 04529 | 636 | 53642 | 363 | 82933 | 02 | 8 |
| 480 | 850 | 14049 | 815 | 14042 | 655 | 05584 | 610 | 01621 | 02 | 8 |
| 510 | 700 | 05529 | 667 | 04549 | 618 | 51627 | 353 | 82921 | 02 | 5 |
| 645 | 857 | 17035 | 782 | 13561 | 698 | 05632 | 654 | 03684 | 02 | 5 |
| 08 | | | | | | | | | | |
| 509 | 792 | 11503 | 712 | 09514 | 527 | 57723 | 400 | 70806 | 03 | 1 |
| 521 | 804 | 14023 | 790 | 14041 | 784 | 13516 | 728 | 1258* | 14 | 8 |
| 536 | 745 | 15560 | 664 | 06995 | 640 | 04997 | 505 | 61687 | 14 | 8 |
| 10 | | | | | | | | | | |
| 034 | 675 | 30090 | 622 | 22990 | 267 | 54**0 | 222 | 30**0 | 02 | 2 |
| 384 | 620 | 55727 | 585 | 58635 | 452 | 70854 | 400 | 78898 | 03 | 5 |
| 419 | 788 | 46190 | 338 | 68470 | 240 | 38**0 | 224 | 37**0 | 02 | 2 |
| 633 | 784 | 04995 | 400 | 76995 | 310 | 90990 | 270 | 97990 | 03 | 5 |
| 866 | 700 | 00752 | 540 | 67804 | 400 | 82901 | 353 | 90983 | 03 | 5 |
| 11 | | | | | | | | | | |
| 030 | 715 | 00517 | 643 | 55746 | 421 | 77**4 | 364 | 83**0 | 03 | 5 |
| 567 | 257 | 01997 | 192 | 06998 | 176 | 01990 | 135 | 00998 | 05 | 5 |
| 16 | | | | | | | | | | |
| 240 | 450 | 70742 | 417 | 73749 | 398 | 73776 | 358 | 81992 | 02 | 8 |
| 17 | | | | | | | | | | |
| 606 | 660 | 47040 | 526 | 34700 | 425 | 18580 | 240 | 70430 | 14 | 2 |
| 40 | | | | | | | | | | |
| 427 | 479 | 34690 | 434 | 18600 | 155 | 29**0 | 143 | 19**0 | 14 | 2 |
| 648 | | | 677 | 57070 | 510 | | | | 02 | 2 |
| 42 | | | | | | | | | | |
| 182 | 291 | 81 | 243 | 87 | 191 | 99*** | | | 15 | 8 |
| 339 | 470 | 56 | 420 | 61 | 155 | 21*** | | | 15 | 8 |
| 475 | 540 | 55550 | 512 | 55650 | 250 | 90*** | | | 15 | 8 |
| 807 | 364 | 68 | 207 | 88 | | | | | 15 | 8 |
| 867 | 458 | 54 | 180 | 02 | | | | | 15 | 8 |
| 909 | 427 | 58 | 230 | 94 | | | | | 14 | 8 |
| 43 | | | | | | | | | | |
| 063 | 350 | 65 | | | | | | | 14 | 8 |
| 149 | 350 | 71 | 300 | 76 | | | | | 14 | 8 |
| 279 | 546 | 54 | 525 | 54 | | | | | 14 | 8 |
| 371 | 435 | 64 | 240 | 98 | | | | | 15 | 8 |
| 45 | | | | | | | | | | |
| 007 | 750 | 15090 | 650 | 09060 | 600 | 04030 | 550 | 50**0 | 22 | 8 |
| 47 | | | | | | | | | | |
| 212 | 336 | 78872 | 233 | 94994 | | | | | 03 | 1 |
| 412 | | | | | | | | | | |
| 580 | 736 | 07537 | 680 | 00696 | 400 | 68998 | 247 | 89996 | 03 | 1 |
| 590 | 453 | 63683 | 400 | 68754 | 247 | 88990 | 172 | 00997 | 03 | 1 |
| 600 | 435 | 66767 | 353 | 75833 | 261 | 87950 | 200 | 98997 | 03 | 1 |
| 635 | 554 | 53566 | 101 | 42 | | | | | 04 | 1 |
| 646 | 435 | 65718 | 404 | 67736 | 344 | 75884 | 311 | 78998 | 03 | 1 |
| 671 | 575 | 02993 | 431 | 57995 | 400 | 63990 | 278 | 81997 | 03 | 1 |
| 744 | 773 | 13033 | 560 | 50597 | 393 | 69806 | 209 | 06997 | 03 | 1 |
| 778 | 568 | 00588 | 464 | 57696 | 424 | 63739 | 399 | 65754 | 03 | 1 |
| 808 | 557 | 01683 | 455 | 58667 | 400 | 63751 | 373 | 66768 | 03 | 1 |
| 827 | 613 | 04511 | 525 | 53657 | 459 | 58701 | 338 | 70829 | 03 | 1 |
| 60 | | | | | | | | | | |
| 155 | 865 | 25101 | 826 | 21038 | 798 | 19514 | 750 | 15553 | 02 | 8 |
| 390 | 753 | 13044 | 636 | 03672 | 592 | 00680 | 480 | 64783 | 02 | 8 |
| 715 | 840 | 14021 | 692 | 04604 | 660 | 04615 | 498 | 60817 | 02 | 8 |
| 61 | | | | | | | | | | |
| 642 | 824 | 16091 | 780 | 14054 | 695 | 04534 | 651 | 03560 | 07 | 5 |
| 62 | | | | | | | | | | |
| 053 | 814 | 54230 | 626 | 38810 | 480 | 10520 | 457 | 10520 | 02 | 2 |
| 70 | | | | | | | | | | |
| 026 | | | | | | | | | | |
| 133 | 591 | 60632 | 578 | 59671 | 564 | 60764 | 400 | 80931 | 03 | 1 |
| 200 | 866 | 07011 | 821 | 06001 | 795 | 07573 | 752 | 03534 | 03 | 1 |
| 204 | 810 | 08534 | 782 | 07627 | 684 | 00603 | 661 | 52701 | 03 | 1 |
| 219 | 867 | 08041 | 832 | 06024 | 818 | 06578 | 790 | 05599 | 03 | 1 |
| 231 | | | | | | | | | | |
| 261 | 545 | 65803 | 484 | 69753 | 425 | 75870 | 400 | 78859 | 03 | 1 |
| 273 | 523 | 64717 | 433 | 73801 | 400 | 77874 | | | 03 | 1 |
| 291 | 550 | 71822 | 488 | 77981 | 400 | 87993 | | | 03 | 1 |
| 316 | | | | | | | | | | |
| 350 | | | | | | | | | | |
| 361 | | | | | | | | | | |
| 381 | 688 | 57653 | 624 | 62659 | 592 | 65757 | 558 | 69731 | 03 | 1 |
| 398 | 765 | 52710 | 588 | 61776 | 485 | 73783 | 456 | 76886 | 03 | 1 |
| 409 | 560 | 57600 | 101 | 65 | 018 | 56*** | 101 | 58*** | 03 | 1 |
| 439 | | | | | | | | | | |
| 485 | 510 | 56723 | 431 | 83990 | 101 | 58*** | | | 03 | 1 |
| 72 | | | | | | | | | | |
| 202 | 560 | 51662 | 400 | 67833 | 264 | 88004 | 128 | 25995 | 03 | 1 |
| 208 | 474 | 58635 | 400 | 67798 | 368 | 71769 | 280 | 87933 | 03 | 1 |
| 211 | 643 | 06627 | 572 | 50584 | 558 | 50624 | 847 | 51587 | 03 | 1 |
| 219 | 486 | 58632 | 468 | 60663 | 400 | 68727 | 275 | 88925 | 03 | 1 |
| 231 | 384 | 67854 | 325 | 76847 | 258 | 88019 | 155 | 13995 | 03 | 1 |

## JULY 3

# RADIOSONDE AND RAWINSONDE DATA

| Index No. iii | Station Name | 1000 mb. hhh | TTTTT ddx | dd | ff | 850 mb. hhh | TTTTT ddx | dd | ff | 700 mb. hhh | TTTTT ddx | dd | ff | 500 mb. hhh | TTTTT ddx | dd | ff | Hour GG | Code Type |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 240 | LAKE CHARLES | 033 | 24228 | | | 499 | 18133 | | | 038 | 09051 | | | 927 | 56627 | | | 03 | 1 |
| 250 | BROWNSVILLE | 031 | 26213 | | | 497 | 19132 | | | 035 | 09032 | 02 | 9 | 927 | 54602 | 07 | 4 | 03 | 1 |
| 253 | SAN ANTONIO | 037 | | | | 505 | 19156 | 06 | 22 | 045 | 09055 | 07 | 15 | 935 | 55608 | 10 | 17 | 03 | 1 |
| 259 | FT WORTH | 101 | 42 | | | | | | | *** | ***** | | | *** | ***** | | | 03 | 1 |
| 265 | BIG SPRING | 034 | | | | 510 | 24106 | 09 | 22 | 054 | 10548 | 07 | 23 | 942 | 55717 | 06 | 22 | 03 | 1 |
| 270 | EL PASO | 020 | | | | 500 | 27023 | 10 | 24 | 049 | 12522 | 13 | 14 | 938 | 57994 | 08 | 11 | 03 | 1 |
| 278 | PHOENIX | 023 | | | | 502 | 25097 | 16 | 4 | 049 | 10044 | | | 932 | 60654 | | | 03 | 1 |
| 304 | HATTERAS | 055 | 24219 | 13 | 17 | 516 | 15106 | 14 | 21 | 049 | 07035 | 12 | 15 | 937 | 56990 | 08 | 9 | 03 | 1 |
| 317 | GREENSBORO | 055 | | | | 515 | 15148 | 08 | 22 | 050 | 08051 | 08 | 17 | 941 | 55673 | 09 | 14 | 03 | 1 |
| 327 | NASHVILLE | 048 | | | | 515 | 19135 | 11 | 16 | 054 | 09015 | 12 | 12 | 945 | 57694 | 09 | 29 | 03 | 1 |
| 340 | LITTLE ROCK | 044 | 27227 | 02 | 3 | 512 | 19143 | 06 | 20 | 051 | 08059 | 07 | 21 | 944 | 53994 | 05 | 23 | 03 | 1 |
| 353 | OKLAHOMA CTY | 042 | | | | 513 | 21103 | 08 | 15 | 055 | 10508 | 08 | 13 | 948 | 55661 | 07 | 23 | 03 | 1 |
| 365 | ALBUQUERQUE | 013 | | | | 497 | | | | 050 | 15011 | 16 | 19 | 944 | 58604 | 19 | 4 | 03 | 1 |
| 386 | LAS VEGAS | 017 | | | | 495 | 25069 | 09 | 4 | 040 | 10023 | 09 | 4 | 928 | 57618 | | | 03 | 1 |
| 394 | SANTA MARIA | 045 | 11107 | 28 | 8 | 504 | 20518 | 18 | 10 | 044 | 09006 | 16 | 7 | 930 | 57759 | 23 | 12 | 03 | 1 |
| 405 | WASHINGTON | 060 | 25192 | 18 | 6 | 522 | 16102 | 17 | 6 | 056 | 07012 | 13 | 6 | 946 | 55738 | 01 | 4 | 03 | 1 |
| 445 | COLUMBIA | 047 | | | | 522 | 20187 | 08 | 10 | 064 | 10025 | 10 | 17 | 962 | 53692 | 06 | 15 | 03 | 1 |
| 451 | DODGE CITY | 038 | | | | 515 | 24127 | 16 | 19 | 062 | 13533 | 15 | 7 | 960 | 53712 | 10 | 16 | 03 | 1 |
| 476 | GRAND JUNC | 019 | | | | 497 | 27142 | 12 | 11 | 050 | 14049 | 15 | 10 | 948 | 55595 | 22 | 14 | 03 | 1 |
| 486 | ELY | 030 | | | | 501 | | | | 041 | 09048 | 28 | 4 | 931 | 58593 | | | 03 | 1 |
| 493 | OAKLAND | 046 | 11083 | 29 | 13 | 501 | 20993 | 21 | 15 | 040 | 09996 | 20 | 12 | 925 | 59998 | 20 | 23 | 03 | 1 |
| 506 | NANTUCKET | 058 | 23223 | 22 | 14 | 519 | 16067 | 25 | 10 | 054 | 07503 | 27 | 11 | 936 | 58725 | 27 | 21 | 03 | 1 |
| 518 | ALBANY | 051 | 25207 | 27 | 3 | 515 | 16124 | 30 | 10 | 048 | 06027 | 32 | 13 | 930 | 59991 | | | 03 | 1 |
| 520 | PITTSBURGH | 058 | | | | 524 | 17138 | 28 | 6 | 062 | 08514 | 05 | 17 | 952 | 55990 | | | 03 | 1 |
| 528 | BUFFALO | 055 | | | | 522 | 19143 | 30 | 13 | 061 | 08588 | | | 946 | 56999 | | | 03 | 1 |
| 534 | CHICAGO | 054 | | | | 521 | 19143 | 17 | 4 | 060 | 09577 | 14 | 7 | 946 | 55998 | 02 | 14 | 03 | 1 |
| 536 | TOLEDO | 055 | | | | 522 | 20132 | 01 | 10 | 061 | 09559 | | | 950 | 56998 | | | 03 | 1 |
| 553 | OMAHA | 045 | | | | 517 | 21135 | | | 063 | 11008 | | | 959 | 56593 | | | 03 | 1 |
| 562 | N PLATTE | 028 | | | | 508 | 28108 | 18 | 26 | 061 | 14512 | 21 | 13 | 949 | 55995 | 26 | 10 | 03 | 1 |
| 576 | LANDER | 019 | | | | 496 | | | | 043 | 13017 | 20 | 18 | 937 | 56607 | | | 03 | 1 |
| 597 | MEDFORD | 030 | | | | 497 | 19062 | 28 | 8 | 031 | 07557 | 20 | 23 | 908 | 61781 | 23 | 30 | 03 | 1 |
| 600 | SABLE ISLAND | 052 | 15131 | | | 508 | 14097 | | | 038 | 05593 | | | 915 | 61682 | | | 03 | 1 |
| 606 | PORTLAND | 049 | 26201 | 24 | 10 | 515 | 17107 | 31 | 9 | 049 | 05024 | 31 | 7 | 924 | 60999 | | | 03 | 1 |
| 655 | ST CLOUD | 036 | | | | 510 | 24116 | 22 | 24 | 055 | 12552 | 21 | 19 | 945 | 55994 | 28 | 16 | 03 | 1 |
| 662 | RAPID CITY | 014 | | | | 497 | 31997 | 23 | 6 | 053 | 16531 | | | 949 | 54999 | 24 | 13 | 03 | 1 |
| 681 | BOISE | 017 | | | | 492 | 26534 | 13 | 8 | 038 | 11594 | 24 | 12 | 919 | 61728 | 24 | 12 | 03 | 1 |
| 712 | CARIBOU | 042 | | | | 505 | 16107 | 29 | 13 | 037 | 04516 | 29 | 19 | 912 | 61759 | 30 | 24 | 03 | 1 |
| 734 | SAULT MARIE | 052 | | | | 518 | 21991 | 24 | 21 | 056 | 07599 | 25 | 25 | 941 | 58994 | 30 | 22 | 03 | 1 |
| 747 | INTL FALLS | 030 | | | | 499 | 19172 | 24 | 16 | 039 | 08076 | 24 | 46 | 924 | 06098 | | | 03 | 1 |
| 764 | BISMARCK | 018 | | | | 497 | 26104 | 03 | 9 | 046 | 12537 | 24 | 42 | 937 | 57990 | 28 | 24 | 03 | 1 |
| 768 | GLASGOW | 015 | | | | 492 | 25505 | 08 | 10 | 037 | 11551 | 23 | 19 | 920 | 61782 | 25 | 59 | 03 | 1 |
| 775 | GREAT FALLS | 014 | | | | 489 | 23023 | 01 | 15 | 031 | 09524 | 24 | 10 | 914 | 62708 | 23 | 51 | 03 | 1 |
| 785 | SPOKANE | 032 | | | | 497 | 17531 | 26 | 3 | 024 | 03586 | 25 | 20 | 893 | 63741 | 24 | 42 | 03 | 1 |
| 798 | TATOOSH IS | 056 | 09066 | 29 | 12 | 498 | 07664 | 05 | 2 | 014 | 52573 | 26 | 12 | 873 | 66727 | 25 | 25 | 03 | 1 |
| 807 | ARGENTIA | 044 | 11119 | | | 489 | 10521 | | | 012 | 02584 | | | 879 | 63738 | | | 02 | 1 |
| 815 | STEPHENVILLE | 034 | 12119 | 00 | | 484 | 12100 | 32 | 29 | 007 | 02565 | 32 | 28 | 874 | 61998 | 29 | 57 | 03 | 1 |
| 816 | GOOSE | 021 | 17141 | 27 | 9 | 474 | 11042 | 34 | 18 | 993 | 51545 | 30 | 29 | 849 | 67990 | 29 | 19 | 03 | 1 |
| 826 | NITCHEQUON | 022 | | | | 476 | 22037 | | | 000 | 51591 | | | 858 | 66891 | | | 03 | 1 |
| 836 | MOOSONEE | 029 | 23119 | | | 489 | 16543 | | | 022 | 05631 | | | 890 | 64811 | | | 03 | 1 |
| 867 | THE PAS | 024 | | | | 476 | 14071 | | | 006 | 01537 | | | 866 | 64684 | | | 03 | 1 |
| 879 | EDMONTON | 043 | | | | 493 | 09514 | 33 | 7 | 007 | 55604 | 30 | 18 | 846 | 71818 | 26 | 48 | 03 | 1 |
| 896 | PRINCE GEORG | 056 | | | | 499 | 02007 | | | 004 | 57609 | 29 | 14 | 831 | 76827 | 02 | 17 | 03 | 1 |
| 907 | PORT HARRISN | 503 | | | | 436 | 05033 | | | 948 | 55644 | | | 793 | 70971 | | | 03 | 1 |
| 909 | UP FROBISHER | 008 | | | | 425 | 03035 | 17 | 27 | 938 | 51527 | 18 | 28 | 788 | 68753 | 10 | 44 | 09 | 1 |
| 913 | CHURCHILL | 020 | 09061 | 32 | 19 | 456 | 00502 | 32 | 28 | 959 | 56577 | 29 | 51 | 803 | 58808 | 29 | 55 | 03 | 1 |
| 915 | CORAL HARBOR | 525 | | | | 404 | 02002 | | | 915 | 53557 | | | 764 | 69737 | | | 03 | 1 |
| 917 | EUREKA | 025 | 04532 | 28 | 14 | 458 | 01632 | 02 | 3 | 968 | 52718 | 01 | 19 | 813 | 72841 | | | 03 | 1 |
| 918 | ARCTIC BAY | 030 | 06515 | | | 463 | 51592 | | | 966 | 57995 | | | 802 | 73992 | | | 03 | 1 |
| 924 | RESOLUTE | 040 | 04521 | 36 | 13 | 473 | 02581 | 35 | 19 | 982 | 54616 | 35 | 15 | 828 | 70815 | 34 | 23 | 03 | 1 |
| 926 | BAKER LAKE | 018 | 06021 | | | 453 | 01564 | | | 957 | 55662 | | | 801 | 67807 | | | 03 | 1 |
| 934 | FT SMITH | 041 | | | | 480 | 02003 | | | 986 | 56573 | | | 830 | 68727 | | | 03 | 1 |
| 938 | COPPERMINE | 101 | 59 | | | | | | | *** | ***** | | | *** | ***** | | | 03 | 1 |
| 945 | FORT NELSON | 047 | | | | 493 | 08517 | | | 009 | 52573 | | | 859 | 67739 | | | 03 | 1 |
| 964 | WHITEHORSE | 015 | | | | 492 | 04525 | 32 | 7 | 000 | 57607 | 12 | 6 | 837 | 72767 | 17 | 17 | 03 | 1 |
| 968 | AKLAVIK | 101 | 40 | | | | | | | *** | ***** | | | *** | ***** | | | 03 | 1 |
| | BLOCK 74 | | | | | | | | | | | | | | | | | | |
| 043 | NORMAN WELLS | 059 | 12091 | | | 500 | 04037 | | | 012 | 54552 | | | 856 | 71739 | | | 04 | 1 |
| 072 | MOULD BAY | 047 | 00523 | | | 470 | 52574 | | | 970 | 59698 | | | 795 | 73862 | | | 03 | 1 |
| 074 | ISACHSEN | 040 | 01003 | | | 468 | 00524 | | | 975 | 54639 | | | 817 | 72751 | | | 03 | 1 |
| 090 | CLYDE RIVER | 024 | 01002 | 01 | 6 | 451 | 55568 | 12 | 17 | 953 | 56597 | 20 | 24 | 800 | 66706 | 27 | 28 | 03 | 1 |
| 109 | PORT HARDY | 060 | 10057 | | | 498 | 04541 | | | 011 | 52658 | | | 866 | 67771 | | | 03 | 1 |
| 188 | MINGAN L PT | 033 | 17119 | | | 486 | 10032 | 30 | 15 | 006 | 51546 | 29 | 24 | 862 | 67993 | | | 10 | 1 |
| | BLOCK 76 | | | | | | | | | | | | | | | | | | |
| 458 | MAZATLAN | 028 | 29238 | | | 502 | 23116 | | | 047 | 30109 | | | 940 | 56617 | | | 02 | 1 |
| 491 | C VICTORIA | 026 | | | | 494 | 17117 | | | 029 | 07026 | | | 916 | 55990 | | | 02 | 1 |
| 644 | MERIDA | 044 | 25215 | | | 508 | 17149 | | | 045 | 07046 | | | 932 | 56565 | | | 03 | 1 |
| 679 | TACUBAYA | 014 | | | | 490 | | | | 037 | 11036 | | | 926 | 54996 | | | 03 | 1 |
| | BLOCK 78 | | | | | | | | | | | | | | | | | | |
| 016 | KINDLEY FLD | 067 | 23210 | 11 | 8 | 526 | 13105 | 11 | 9 | 054 | 03520 | 12 | 5 | *** | ***** | | | 03 | 1 |
| 325 | HAVANA C B | 048 | 26227 | | | 513 | 17114 | | | 049 | 08511 | | | 705 | 01810 | | | 03 | 1 |
| 367 | GUANTANAMO | 047 | 25216 | | | 512 | 17123 | | | 047 | 06531 | | | 930 | 57676 | | | 03 | 1 |
| 395 | VERNAM FIELD | 040 | 24319 | 10 | 6 | 502 | 17103 | 08 | 25 | 037 | 10503 | 09 | 21 | 928 | 56635 | 12 | 16 | 03 | 1 |
| 501 | SWAN ISLAND | 041 | 26222 | | | 505 | 18083 | | | 043 | 09026 | | | 930 | 57738 | | | 03 | 1 |
| 525 | SAN JUAN | 051 | 26222 | 11 | 14 | 515 | 17122 | 11 | 18 | 054 | 09584 | 13 | 15 | *** | ***** | | | 03 | 1 |
| 806 | ALBROOK FLD | 028 | 24237 | 33 | 7 | 503 | 17139 | 02 | 13 | 040 | 10042 | 06 | 15 | 928 | 56995 | 10 | 27 | 03 | 1 |
| 862 | COOLIDGE FLD | 046 | 25229 | 11 | 40 | 511 | 20096 | 07 | 26 | 052 | 09565 | 06 | 23 | *** | ***** | | | 03 | 1 |
| 967 | CHAGUARAMAS | 043 | 26193 | | | 505 | 15117 | | | 039 | 07524 | | | 921 | 55994 | | | 03 | 1 |
| 972 | WALLER FIELD | 042 | 23227 | 07 | 10 | 498 | 14094 | 07 | 29 | 030 | 06611 | 08 | 34 | 915 | 55715 | 05 | 25 | 03 | 1 |
| | BLOCK 91 | | | | | | | | | | | | | | | | | | |
| 066 | MIDWAY ISL | 067 | 24203 | 08 | 10 | 524 | 14072 | 09 | 12 | 058 | 09990 | 05 | 13 | 943 | 57627 | 07 | 12 | 03 | 1 |
| 115 | IWO JIMA | 041 | 29248 | 26 | 10 | 506 | 17083 | 26 | 12 | 041 | 11990 | 23 | 22 | 935 | 52995 | 31 | 23 | 03 | 1 |
| 182 | HONOLULU | 047 | 23159 | 06 | 19 | 504 | 13089 | 07 | 22 | 039 | 10637 | 04 | 7 | 930 | 56749 | 28 | 11 | 03 | 1 |
| 275 | JOHNSON IS | 045 | 26206 | 08 | 13 | 509 | 18093 | 07 | 24 | 050 | 11998 | 09 | 15 | 946 | 54992 | | | 03 | 1 |
| 366 | KWAJALEIN | 031 | 28234 | 05 | 10 | 500 | 20062 | 09 | 14 | 041 | 50587 | 09 | 19 | 919 | 54755 | 15 | 8 | 03 | 1 |
| | BLOCK 98 | | | | | | | | | | | | | | | | | | |
| 327 | CLARK FIELD | 036 | | | | 506 | 19143 | 11 | 7 | 044 | 10997 | 07 | 12 | 941 | 54991 | 12 | 17 | 03 | 1 |
| 645 | CEBU | 035 | 30252 | | | 505 | 19142 | | | 044 | 10055 | | | 939 | 54647 | | | 03 | 8 |
| QLL | OCEAN STA | | | | | | | | | | | | | | | | | | |
| 034 | 0 355 400 | 070 | 20177 | 36 | 7 | 535 | 13072 | 30 | 11 | 052 | 03512 | 34 | 12 | 921 | 62748 | 23 | 13 | 03 | 9 |
| 035 | 0 340 520 | 078 | 22172 | 00 | | 535 | 13076 | 21 | 2 | 064 | 04537 | 19 | 9 | 936 | 62757 | 28 | 5 | 03 | 9 |
| 037 | 0 360 700 | 068 | 23191 | 19 | 3 | 528 | 15106 | 19 | 13 | 062 | 07017 | 17 | 5 | 948 | 57768 | 09 | 13 | 03 | 9 |
| 041 | 0 450 160 | 194 | 13130 | | | 560 | 12500 | | | 175 | 06659 | | | 839 | 62800 | | | 02 | 8 |
| 044 | 0 450 452 | 065 | 14101 | 28 | 12 | 515 | 11511 | 28 | 14 | 038 | 01535 | 25 | 9 | 901 | 64671 | 32 | 17 | 03 | 9 |
| 051 | 00538 187 | 058 | 53490 | 22 | 18 | 489 | 41330 | 24 | 22 | 000 | 28160 | 23 | 42 | 856 | 03810 | 22 | 60 | 02 | 2 |
| 053 | 0 527 355 | 049 | 06015 | 23 | 13 | 478 | 01675 | | | 988 | 53996 | | | 835 | 69999 | | | 03 | 9 |
| 055 | 0 565 510 | 017 | 06053 | 11 | 25 | 459 | 09504 | 12 | 20 | 980 | 02548 | 24 | 10 | 848 | 61675 | 25 | 6 | 03 | 9 |
| 062 | 0 600 199 | 021 | 49380 | 19 | 21 | 450 | 30200 | 20 | 26 | 952 | 18010 | 21 | 37 | 784 | 88690 | 21 | 39 | 02 | 2 |
| 063 | 0 620 330 | 010 | 06067 | 35 | 24 | 444 | 01513 | 36 | 30 | 948 | 57593 | 36 | 19 | 786 | 71744 | 35 | 19 | 03 | 9 |
| 126 | 1 237 677 | 059 | 25210 | 08 | 22 | 518 | 15149 | 05 | 20 | 056 | 11002 | 02 | 18 | 051 | 54999 | 32 | 14 | 03 | 9 |
| 134 | 1 300 400 | 070 | 17155 | 06 | 16 | 519 | 10064 | 06 | 14 | 047 | 06575 | 06 | 12 | 925 | 58993 | 28 | 10 | 03 | 9 |
| 144 | 1 490 480 | 097 | 11099 | | | 543 | 09065 | | | 065 | 02616 | | | 932 | 63715 | | | 03 | 9 |
| 223 | 2 290 350 | 025 | 25 | | | 487 | 19 | | | 021 | 08*** | | | 908 | 53*** | | | 02 | 9 |
| 235 | 2 390 530 | 041 | 14 | | | 492 | 07 | | | 017 | 03*** | | | 922 | 58*** | | | 02 | 9 |
| 246 | 2 440 650 | 018 | 11082 | 36 | 18 | 459 | 04022 | 35 | 16 | 970 | 01531 | 25 | 35 | 837 | ***** | 23 | 33 | 03 | 9 |
| 360 | 3 660 020 | 152 | 08079 | 19 | 28 | 480 | 03027 | 19 | 31 | 019 | 54562 | 22 | 27 | 399 | 68754 | 24 | 24 | 03 | 5 |

## JULY 4

| Index No. iii | Station Name | 1000 mb. hhh | TTTTT ddx | dd | ff | 850 mb. hhh | TTTTT ddx | dd | ff | 700 mb. hhh | TTTTT ddx | dd | ff | 500 mb. hhh | TTTTT ddx | dd | ff | Hour GG | Code Type |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | BLOCK 01 | | | | | | | | | | | | | | | | | | |
| 001 | JAN MAYEN | 022 | 04039 | | | 350 | 50501 | | | 885 | 55562 | | | 443 | 72818 | | | 03 | 8 |
| 030 | TROMSO | 185 | 09074 | | | 505 | 01534 | | | 061 | 54597 | | | 646 | 68723 | | | 03 | 8 |
| 384 | GARDERMOEN | 173 | 99999 | | | 530 | 09031 | 17 | 9 | 108 | 51586 | 23 | 10 | 703 | 66749 | 21 | 8 | 03 | 5 |
| 415 | SOLA | 188 | 10104 | | | 550 | 07003 | | | 125 | 00587 | | | 748 | 63767 | | | 03 | 8 |
| | BLOCK 02 | | | | | | | | | | | | | | | | | | |
| 057 | LULEA KALLAS | 182 | 14088 | | | 560 | 07028 | | | 115 | 51579 | | | 719 | 67741 | | | 03 | 8 |
| 077 | STOCKHOLM | 193 | 16101 | 05 | 5 | 560 | 09037 | 05 | 8 | 149 | 00568 | 05 | 5 | 761 | 68752 | 00 | | 03 | 5 |
| 084 | GOTEBORG | 179 | 15122 | | | 546 | 08054 | | | 126 | 00571 | | | 739 | 65722 | | | 03 | 8 |
| | BLOCK 03 | | | | | | | | | | | | | | | | | | |
| 005 | LERWICK | 048 | 52510 | | | 491 | 45390 | 21 | 18 | 005 | 27190 | 22 | 23 | 858 | 03660 | 20 | 40 | 02 | 2 |
| 026 | STORNOWAY | 049 | 54510 | | | 489 | 37340 | 22 | 22 | 002 | 26140 | 22 | 24 | 847 | 98940 | 21 | 42 | 02 | 2 |
| 171 | LEUCHARS | 050 | 61580 | | | 498 | 48480 | | | 986 | 31150 | | | 847 | 06810 | | | 02 | 7 |
| 476 | DOWNHAM MKT | 062 | 520 | 21 | 18 | 511 | 51370 | 22 | 5 | 033 | 37040 | 23 | 15 | 901 | 08950 | 23 | 34 | 02 | 2 |
| 743 | LARKHILL | 060 | 55420 | | | 508 | 50390 | 28 | 10 | 030 | 37120 | 26 | 18 | 895 | 10850 | 24 | 35 | 02 | 2 |
| 808 | CAMBORNE | 061 | 58580 | | | 510 | 54300 | 23 | 16 | 036 | 38810 | 26 | 21 | 901 | 04930 | 25 | 33 | 02 | 2 |
| 917 | ALDERGROVE | 055 | 57530 | 31 | 10 | 488 | 44440 | 23 | 17 | 012 | 30980 | 21 | 21 | 865 | 03880 | 22 | 49 | 03 | 2 |
| 953 | VALENTIA | 061 | 54 0 | 28 | 6 | 503 | 41 0 | 29 | 17 | 019 | 33**0 | | | 882 | 05**0 | | | 03 | 2 |
| | BLOCK 04 | | | | | | | | | | | | | | | | | | |
| 018 | KEFLAVIK | 016 | 06056 | 34 | 2 | 551 | 00521 | 02 | 2 | 954 | 58631 | 33 | 5 | 787 | 73769 | 34 | 16 | 03 | 1 |
| 202 | THULE | 031 | 51521 | 32 | 3 | 455 | 53554 | 07 | 8 | 953 | 59672 | 02 | 2 | 783 | 74805 | 03 | 11 | 03 | 1 |
| 230 | HOLSTEINSBRG | | | | | | | | | | | | | | | | | | |
| 231 | SDR STROMFRD | 020 | 07518 | 04 | 9 | 458 | 03571 | 20 | 11 | *** | 54995 | 20 | 10 | 811 | 67724 | 18 | 8 | 03 | 1 |
| 270 | NARSSARSSUAK | 022 | 08049 | 22 | 4 | 461 | 05582 | 10 | 13 | 970 | 54995 | 14 | 18 | 821 | 65683 | 18 | 28 | 03 | 1 |
| 339 | SCORESBYSUND | 018 | 03 | | | 450 | 02 | | | 945 | 58*** | | | 795 | 71*** | | | 03 | 1 |
| 360 | ANGMAGSSALIK | 073 | 01010 | 00 | | 428 | 03520 | 00 | | 929 | 55630 | 30 | 2 | 518 | 66730 | 32 | 22 | 03 | 5 |
| | BLOCK 06 | | | | | | | | | | | | | | | | | | |
| 011 | THORSHAVN | 113 | 09077 | | | 441 | 50516 | | | 981 | 56642 | | | 522 | 73807 | | | 03 | 8 |
| 180 | KOBENHAVN | 181 | 15131 | 35 | 7 | 582 | 08017 | 34 | 10 | 129 | 00613 | 30 | 5 | 736 | 67789 | 32 | 12 | 03 | 5 |
| 260 | DE BILT | 197 | 14067 | | | 563 | 08016 | | | 156 | 04691 | | | 816 | 62763 | | | 03 | 8 |
| 447 | UCCLE | 215 | 15111 | | | 580 | 12071 | | | 186 | 05007 | | | 854 | 60653 | | | 03 | 8 |
| 610 | PAYERNE | 190 | | | | 550 | 11521 | 00 | | 150 | 04617 | 36 | 8 | 790 | 63747 | 34 | 30 | 05 | 5 |
| | BLOCK 07 | | | | | | | | | | | | | | | | | | |
| 110 | BREST | 185 | 16142 | 36 | 10 | 580 | 14050 | 32 | 12 | 188 | 04555 | 30 | 16 | 823 | 62762 | 26 | 25 | 02 | 5 |
| 145 | TRAPPES | 172 | 17076 | | | 540 | 12047 | | | 175 | 06601 | | | 840 | 61787 | | | 02 | 8 |
| 190 | STRASBOURG | 183 | 13100 | | | 550 | 08039 | | | 149 | 03579 | | | 787 | 63754 | | | 02 | 8 |
| 480 | LYON | 155 | | | | 550 | 16061 | | | 132 | 07577 | | | 854 | 61742 | | | 02 | 8 |
| 510 | BORDEAUX | 161 | 16125 | 03 | 2 | 500 | 16013 | 03 | 6 | 181 | 07608 | 33 | 12 | 848 | 63752 | 29 | 4 | 02 | 5 |
| 645 | NIMES | 169 | 22125 | 01 | 5 | 580 | 17115 | 01 | 8 | 100 | 07505 | 35 | 12 | 878 | 61686 | 34 | 18 | 02 | 5 |
| | BLOCK 08 | | | | | | | | | | | | | | | | | | |
| 509 | LAGENS | 066 | 18162 | 01 | 10 | 513 | 08567 | 03 | 6 | 037 | 02597 | 08 | 6 | 892 | 68751 | 15 | 16 | 03 | 1 |
| 521 | FUNCHAL | 143 | 20164 | | | 533 | 18072 | | | 169 | 10630 | | | 886 | 56733 | | | 14 | 8 |
| 536 | PORTELA | 144 | 28103 | | | 573 | 20525 | | | 211 | 07533 | | | 999 | 99999 | | | 14 | 8 |
| | BLOCK 10 | | | | | | | | | | | | | | | | | | |
| 034 | SCHLESWIG | 064 | 61550 | 24 | 7 | 510 | 46330 | 26 | 5 | 031 | 32130 | 29 | 6 | 891 | 08860 | 32 | 20 | 02 | 2 |
| 338 | HANNOVER | 066 | 54510 | 04 | 4 | | 49400 | 20 | 3 | 031 | 35130 | 35 | 10 | 895 | 08920 | 35 | 26 | 02 | 2 |
| 384 | TEMPELHOF | 183 | 15103 | 35 | 9 | 548 | 08578 | 34 | 10 | 130 | 52523 | 35 | 12 | 748 | 65990 | 36 | 27 | 03 | 5 |
| 419 | ISERLOHN | | | | | 512 | 51450 | 00 | | 037 | 36260 | 35 | 5 | 907 | 12950 | 34 | 23 | 02 | 2 |
| 633 | WIESBADEN | 193 | 12101 | 00 | | 551 | 07055 | 11 | 9 | 129 | 01572 | 35 | 16 | 767 | 64990 | 35 | 31 | 03 | 5 |
| 866 | MUNCHEN RIEM | 192 | 99999 | 99 | 99 | 551 | 09022 | 09 | 9 | 134 | 00594 | 32 | 5 | 252 | 65796 | 35 | 26 | 03 | 5 |
| | BLOCK 11 | | | | | | | | | | | | | | | | | | |
| 030 | TULLN | 181 | 00096 | 28 | 5 | 537 | 06056 | 33 | 17 | 104 | 51711 | 35 | 27 | 702 | 69726 | 36 | 13 | 03 | 5 |
| 567 | PRAHA KBELY | 184 | | | | 530 | 06023 | | | 087 | 00551 | | | 719 | 63692 | | | 06 | 5 |
| | BLOCK 16 | | | | | | | | | | | | | | | | | | |
| 240 | ROMA CIAMPINO | 144 | 14059 | | | 507 | 07056 | | | 082 | 00641 | | | 700 | 66900 | | | 02 | 8 |
| 596 | ORENDI | 049 | 71650 | | | 505 | 59430 | 31 | 5 | 337 | 42120 | 32 | 12 | 916 | 15920 | 30 | 34 | 02 | 2 |
| | BLOCK 17 | | | | | | | | | | | | | | | | | | |
| 130 | ANKARA | | | | | 486 | 10077 | | | 072 | 00541 | | | 715 | 64765 | | | 02 | 8 |
| 606 | NICOSIA | | | | | 484 | 60390 | | | 017 | 48090 | | | 905 | 18780 | | | 02 | 7 |
| | BLOCK 40 | | | | | | | | | | | | | | | | | | |
| 648 | HABBANIYA | 011 | | | | 387 | 76 0 | 33 | 33 | 030 | 57**0 | 31 | 12 | 933 | 32839 | 22 | 11 | 02 | 2 |
| | BLOCK 42 | | | | | | | | | | | | | | | | | | |
| 182 | NEW DELHI | 505 | | | | 141 | 28160 | | | 309 | 12120 | | | 679 | 58*** | | | 15 | 8 |
| 339 | JODHPUR | 503 | | | | 143 | 28180 | | | 312 | 15080 | | | 590 | 52*** | | | 15 | 8 |
| 475 | BAMHAULI AL | 504 | | | | 142 | 28180 | | | 311 | 15030 | | | 587 | 50*** | | | 15 | 8 |
| 807 | CALCUTTA | 501 | | | | 142 | 20200 | | | 309 | 15120 | | | 586 | 52*** | | | 15 | 8 |
| 867 | NAGPUR | 000 | | | | 143 | 23180 | | | 311 | 14*** | | | 700 | 14*** | | | 14 | 8 |
| 909 | VERAVAL | 000 | | | | 144 | 22140 | | | 312 | 17*** | | | *** | ***** | | | 14 | 8 |
| | BLOCK 43 | | | | | | | | | | | | | | | | | | |
| 063 | POONA | 003 | | | | 145 | 20150 | | | 311 | 12040 | | | 586 | 53*** | | | 14 | 8 |

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| Index No. iii | 300 mb. hhh | TTTTT ddx | dd | ff | 200 mb. hhh | TTTTT ddx | dd | ff | 100 mb. hhh | TTTTT ddx | dd | ff | Hour GG | Code Type |
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| 270 | 179 | 83991 | | | 075 | 04999 | | | 449 | ***** | | | 03 | 1 |
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| 317 | 194 | 80996 | 10 | 35 | 094 | 02998 | 10 | 26 | 480 | 21990 | 07 | 12 | 03 | 1 |
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| 386 | 170 | 84964 | | | 058 | 07998 | | | | | | | 03 | 1 |
| 394 | 161 | 86990 | 21 | 23 | 047 | 05997 | 20 | 27 | 441 | 17991 | 23 | 6 | 03 | 1 |
| 405 | 200 | 81910 | 10 | 20 | 199 | 8 | | | | | | | 03 | 1 |
| 445 | 219 | 80994 | 09 | 10 | 119 | 03993 | 17 | 9 | 508 | ***** | | | 03 | 1 |
| 451 | 212 | 83933 | | | 108 | 03994 | | | | | | | 03 | 1 |
| 476 | 201 | 81853 | 21 | 12 | 098 | 04994 | 27 | 16 | | | | | 03 | 1 |
| 486 | 170 | 84886 | | | 054 | 06999 | | | | | | | 03 | 1 |
| 493 | 149 | 88993 | 21 | 39 | 032 | 04998 | 20 | 37 | 451 | 11995 | | | 03 | 1 |
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| 520 | 202 | 82951 | | | 102 | 04991 | | | 485 | 19991 | | | 03 | 1 |
| 528 | 193 | 81992 | | | 095 | | | | | | | | 03 | 1 |
| 534 | 189 | 84990 | | | 083 | | | | | | | | 03 | 1 |
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| 600 | 137 | 86950 | | | | | | | | | | | 03 | 1 |
| 606 | 143 | 87999 | | | 030 | 03997 | | | 431 | 12997 | | | 03 | 1 |
| 655 | 191 | 83995 | 28 | 40 | 079 | 05994 | 27 | 36 | 465 | 15996 | 26 | 33 | 03 | 1 |
| 662 | 192 | 83885 | | | 082 | 04998 | | | 477 | ***** | | | 03 | 1 |
| 681 | 142 | 87914 | | | 018 | 06992 | | | | | | | 03 | 1 |
| 712 | 124 | 89994 | 28 | 56 | 001 | 02998 | 29 | 72 | | | | | 03 | 1 |
| 734 | 174 | 84993 | 30 | 73 | 070 | 03990 | | | | | | | 03 | 1 |
| 747 | 101 | 50 | | | | | | | | | | | 03 | 1 |
| 764 | 169 | 85915 | 26 | 53 | 053 | 07991 | 25 | 66 | | | | | 03 | 1 |
| 768 | 142 | 86925 | | | | | | | | | | | 03 | 1 |
| 775 | 127 | 88921 | | | 997 | 08994 | | | 420 | 10991 | | | 03 | 1 |
| 785 | 103 | 89999 | | | 975 | 06997 | | | | | | | 03 | 1 |
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| 909 | 987 | 89936 | | | 895 | 87996 | | | 493 | 87997 | | | 09 | 1 |
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| 917 | 977 | 98992 | 33 | 31 | 852 | 93996 | 31 | 9 | | | | | 03 | 1 |
| 918 | 962 | 96996 | | | 842 | 94995 | | | *** | 94990 | | | 03 | 1 |
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| 74 | | | | | | | | | | | | | | |
| 043 | 020 | 00991 | | | 877 | 98999 | | | 388 | 94992 | | | 04 | 1 |
| 072 | 957 | 98992 | | | | | | | | | | | 03 | 1 |
| 074 | 978 | 00992 | | | 853 | 93993 | | | 390 | 90993 | | | 03 | 1 |
| 090 | 001 | 92996 | 27 | 35 | 869 | 98996 | 28 | 13 | 386 | 96992 | | | 03 | 1 |
| 109 | 058 | 94994 | | | 945 | 95998 | | | 466 | 93998 | | | 03 | 1 |
| 188 | 048 | 96996 | | | | | | | | | | | 10 | 1 |
| 76 | | | | | | | | | | | | | | |
| 458 | 189 | 83991 | | | 085 | | | | | | | | 02 | 1 |
| 491 | 168 | 81995 | | | 064 | 03994 | | | 430 | 25994 | | | 02 | 1 |
| 644 | 178 | 82990 | | | 070 | 04993 | | | | | | | 03 | 1 |
| 679 | 180 | 81999 | | | 076 | 04990 | | | | | | | 03 | 1 |
| 78 | | | | | | | | | | | | | | |
| 016 | | | | | | | | | | | | | | |
| 325 | | | | | | | | | | | | | | |
| 367 | 101 | 43 | | | | | | | | | | | 03 | 1 |
| 395 | | | | | | | | | | | | | | |
| 501 | 174 | 83998 | | | 061 | 06990 | | | 421 | ***** | | | 03 | 1 |
| 525 | | | | | | | | | | | | | | |
| 806 | | | | | | | | | | | | | | |
| 862 | 101 | 50 | | | | | | | | | | | 03 | 1 |
| 967 | 232 | 83994 | | | | | | | | | | | 03 | 1 |
| 972 | 161 | 84991 | 12 | 11 | 051 | 04991 | 07 | 10 | | | | | 03 | 1 |
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| 066 | | | | | | | | | | | | | | |
| 115 | 191 | 81991 | 29 | 4 | | | | | | | | | 03 | 1 |
| 182 | 164 | 86956 | 32 | 13 | 045 | 07992 | 31 | 13 | 431 | 13999 | 20 | 2 | 03 | 1 |
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| 366 | 265 | 76996 | 06 | 8 | | | | | | | | | 03 | 1 |
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| 327 | 207 | 78991 | 09 | 26 | 124 | 98990 | 10 | 9 | | | | | 03 | 1 |
| 645 | 194 | 81916 | | | 092 | 06990 | | | 448 | 18992 | | | 03 | 8 |
| QLL | OCEAN STA | | | | | | | | | | | | | |
| 034 | 133 | 90991 | 26 | 27 | 002 | 06997 | | | 484 | 13995 | | | 03 | 9 |
| 035 | 140 | 92990 | 25 | 21 | 999 | 11990 | 34 | 19 | | | | | 03 | 9 |
| 037 | 194 | 83896 | 04 | 48 | 088 | 03992 | 02 | 41 | | | | | 03 | 9 |
| 041 | 956 | 88031 | | | 224 | 03 | 4 | | | | | | 02 | 8 |
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| 051 | 054 | 56 0 | 23 | 49 | | | | | | | | | 02 | 2 |
| 053 | 016 | 96993 | | | 888 | 98997 | | | | | | | 03 | 9 |
| 055 | 080 | 85924 | 24 | 34 | | | | | | | | | 03 | 9 |
| 062 | 930 | 55 0 | 21 | 54 | | | | | | | | | 02 | 2 |
| 063 | 951 | 00997 | 35 | 24 | 835 | 98993 | 35 | 14 | 366 | 94990 | | | 03 | 9 |
| 126 | 199 | 82993 | | | | | | | | | | | 03 | 9 |
| 134 | 153 | 88995 | | | | | | | | | | | 03 | 9 |
| 144 | 142 | 90931 | | | 007 | 11991 | | | 436 | 05998 | | | 03 | 9 |
| 223 | 204 | 67 | | | 176 | 88 | | | 703 | 02*** | | | 02 | 9 |
| 235 | 189 | 77 | | | 139 | 89 | | | 708 | 91*** | | | 02 | 9 |
| 246 | 035 | 41990 | | | 900 | 03998 | | | 384 | 99996 | | | 03 | 9 |
| 360 | 921 | 93994 | 23 | 43 | 186 | 01996 | 24 | 30 | 644 | 95993 | 24 | 30 | 03 | 5 |
| 01 | | | | | | | | | | | | | | |
| 001 | 101 | 43 | | | | | | | | | | | 03 | 8 |
| 030 | 923 | 98 9 | | | 478 | 14 7 | | | 620 | 00**3 | | | 03 | 8 |
| 384 | 933 | 94995 | 36 | 5 | 192 | 07993 | | | 636 | 06997 | 32 | 13 | 03 | 5 |
| 415 | 941 | 94041 | | | 999 | 99999 | | | | | | | 03 | 8 |
| 02 | | | | | | | | | | | | | | |
| 057 | 934 | 95994 | | | | | | | | | | | 03 | 8 |
| 077 | 937 | 95998 | 35 | 5 | 203 | 97999 | 36 | 5 | | | | | 03 | 5 |
| 084 | 940 | 92990 | | | 204 | 03993 | | | | | | | 03 | 8 |
| 03 | | | | | | | | | | | | | | |
| 005 | 050 | 54 0 | 21 | 48 | 915 | | 22 | 48 | | | | | 02 | 2 |
| 026 | 031 | 48 0 | 20 | 70 | 903 | 51 0 | 22 | 51 | 405 | 42**0 | | | 02 | 2 |
| 171 | 056 | 62520 | | | 935 | 42 0 | | | 433 | 41**0 | | | 02 | 7 |
| 476 | 111 | 58 0 | 26 | 35 | | | | | | | | | 02 | 2 |
| 743 | 103 | 54 0 | | | | | | | | | | | 02 | 2 |
| 808 | 117 | 53 0 | 23 | 54 | | | | | | | | | 02 | 2 |
| 917 | 101 | 50 | | | | | | | | | | | 03 | 2 |
| 953 | 079 | 58 0 | | | 964 | 50 0 | | | 456 | 36**0 | | | 03 | 2 |
| 04 | | | | | | | | | | | | | | |
| 018 | 948 | 00996 | | | | | | | 375 | 93997- | | | 03 | 1 |
| 202 | 942 | 97998 | 10 | 24 | | | | | | | | | 03 | 1 |
| 230 | 101 | 43 | | | | | | | | | | | 03 | 1 |
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| 270 | 023 | 92996 | 17 | 29 | 884 | 06997 | 21 | 5 | 161 | ***** | | | 03 | 1 |
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| 06 | | | | | | | | | | | | | | |
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| 180 | 932 | 98994 | 34 | 40 | 187 | 10994 | 34 | 32 | 623 | 08993 | 36 | | 03 | 5 |
| 260 | 954 | 89 | | | 221 | 04 | | | | | | | 03 | 8 |
| 447 | 594 | 84939 | | | 316 | 02 5 | | | 802 | 03**0 | | | 03 | 8 |
| 610 | 460 | 89959 | 35 | 30 | 140 | 00 7 | 35 | 50 | | | | | 05 | 5 |
| 07 | | | | | | | | | | | | | | |
| 110 | 948 | 94 0 | 24 | 30 | 212 | 04 0 | 25 | 33 | 648 | 11**7 | 00 | | 02 | 5 |
| 145 | 980 | 90 7 | | | 247 | 02 7 | | | 688 | 09**0 | | | 02 | 8 |
| 190 | 945 | 91 7 | | | 211 | 06 7 | | | 649 | 08**1 | | | 02 | 8 |
| 480 | 101 | 43 | | | | | | | | | | | 02 | 8 |
| 510 | 953 | 91025 | 32 | 26 | | | | | | | | | 02 | 5 |
| 08 | | | | | | | | | | | | | | |
| 509 | 087 | 89907 | 22 | 41 | 968 | 03998 | 22 | 44 | | | | | 03 | 1 |
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| 10 | | | | | | | | | | | | | | |
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| 338 | 101 | 57 0 | 34 | 37 | 964 | 33 0 | 34 | 38 | 435 | 37**0 | 01 | 14 | 02 | 2 |
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| 419 | 127 | 60470 | 33 | 33 | 994 | 33 0 | 34 | 42 | | | | | 02 | 2 |
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| 240 | 328 | 94991 | | | 196 | 04990 | | | | | | | 02 | 8 |
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| 17 | | | | | | | | | | | | | | |
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| 606 | 168 | 86470 | | | | | | | | | | | 02 | 7 |
| 40 | | | | | | | | | | | | | | |
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| 807 | 973 | 77 | | | | | | | | | | | 15 | 8 |
| 867 | | | | | | | | | | | | | | |
| 909 | 101 | 43 | | | | | | | | | | | 14 | 8 |
| 43 | | | | | | | | | | | | | | |
| 063 | 101 | 43 | | | | | | | | | | | 14 | 8 |

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| 270 | 882 | 30041 | 598 | 00577 | 515 | 55734 | 400 | 68996 | 03 | 1 |
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# RADIOSONDE AND RAWINSONDE DATA
## SIGNIFICANT LEVELS

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| 365 | 400 | 67815 | 144 | 16996 | 118 | 20993 | 110 | 16998 | 03 | 1 |
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| 521 | 772 | 1303 | 718 | 09597 | 400 | 65810 | 138 | 18998 | 14 | 8 |
| 536 | 400 | 73756 | 290 | 90931 | 226 | 04997 | 216 | 00990 | 14 | 8 |
| 10 | | | | | | | | | | |
| 034 | 806 | 44270 | 710 | 34170 | 627 | 20000 | 482 | 05830 | 02 | 2 |
| 338 | 547 | 17010 | 262 | 42 0 | | | | | 02 | 2 |
| 384 | 755 | 03016 | 669 | 53543 | 585 | 58751 | 400 | 76995 | 03 | 5 |
| 419 | 667 | 34240 | 510 | 14980 | 429 | 98820 | 420 | 94810 | 02 | 2 |
| 633 | 790 | 04534 | 720 | 03604 | 666 | 50549 | 585 | 57689 | 03 | 5 |
| 866 | 612 | 56722 | 592 | 56724 | 400 | 76882 | 367 | 81911 | 03 | 5 |
| 11 | | | | | | | | | | |
| 030 | 772 | 99995 | 758 | 01515 | 718 | 51643 | 646 | 54730 | 03 | 5 |
| 567 | | | | | | | | | | |
| 16 | | | | | | | | | | |
| 240 | 548 | 71750 | 230 | 05997 | 106 | 08990 | | | 02 | 8 |
| 596 | | | | | | | | | | |
| 17 | | | | | | | | | | |
| 130 | 704 | 51545 | 691 | 01547 | 668 | 02057 | 617 | 53623 | 02 | 8 |
| 606 | 778 | 54270 | 674 | 45040 | 540 | 27850 | 475 | 13730 | 02 | 7 |
| 40 | | | | | | | | | | |
| 648 | 870 | 78 0 | 716 | 57 0 | 688 | 57**0 | 638 | 47080 | 02 | 2 |
| 42 | | | | | | | | | | |
| 182 | 452 | 64 | 481 | 66 | 412 | 64*** | 162 | 19*** | 15 | 8 |
| 339 | 476 | 51 | 290 | 70 | 242 | 86*** | | | 15 | 8 |
| 475 | 577 | 06660 | 589 | 00660 | 488 | 50*** | 318 | 71*** | 15 | 8 |
| 807 | 331 | 70 | 236 | 96 | | | | | 15 | 8 |
| 867 | | | | | | | | | | |
| 909 | 700 | 17 | | | | | | | 14 | 8 |
| 43 | | | | | | | | | | |
| 063 | 452 | 56 | 437 | 59 | 416 | 60*** | 375 | 65*** | 14 | 8 |

## JULY 4

# RADIOSONDE AND RAWINSONDE DATA

| Index No. iii | Station Name | 1000 mb. hhh | TTTTT ddx | dd | ff | 850 mb. hhh | TTTTT ddx | dd | ff | 700 mb. hhh | TTTTT ddx | dd | ff | 500 mb. hhh | TTTTT ddx | dd | ff | Hour GG | Code Type |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 149 | VIZAGAPATAM | 000 | | | | 143 | 19190 | | | 309 | 11110 | | | 585 | 50510 | | | 14 | 8 |
| 279 | MADRAS | 003 | 29250 | | | 147 | 21150 | | | 312 | 09060 | | | 584 | 54*** | | | 14 | 8 |
| 371 | TRIVANDRUM | 006 | 26230 | | | 147 | 15150 | | | 310 | 08050 | | | 583 | 55*** | | | 15 | 8 |
| | BLOCK 45 | | | | | | | | | | | | | | | | | | |
| 007 | KAI TAK | 010 | 26250 | | | 152 | 19140 | | | 318 | 12120 | | | 589 | 53**0 | | | 22 | 8 |
| | BLOCK 47 | | | | | | | | | | | | | | | | | | |
| 401 | WAKKANAI | 026 | 17232 | | | 471 | 11114 | | | 997 | 02007 | | | 866 | 60678 | | | 04 | 1 |
| 580 | MISAWA | 035 | 19993 | 07 | 9 | 486 | 11997 | 31 | 6 | 010 | 04992 | 27 | 3 | 887 | 60990 | 03 | 9 | 03 | 1 |
| 600 | WAJIMA | 033 | 21175 | | | 485 | 13092 | | | 017 | 05514 | | | 893 | 58594 | | | 03 | 1 |
| 635 | NAGOYA | 101 | 42 | | | | | | | *** | ***** | | | *** | ***** | | | 03 | 1 |
| 646 | TATENO | 039 | 21172 | | | 492 | 12107 | | | 018 | 05013 | | | 894 | 60680 | | | 03 | 1 |
| 671 | TOKYO | 011 | 19177 | 06 | 5 | 491 | 13106 | 16 | 4 | 021 | 05007 | 28 | 11 | 899 | 60992 | 27 | 26 | 03 | 1 |
| 744 | YONAGO | 029 | 20175 | | | 475 | 14114 | | | 997 | 07569 | | | 858 | 58714 | | | 04 | 1 |
| 778 | SHIONOMISAKI | 036 | 21195 | | | 487 | 10101 | | | 014 | 07017 | | | 893 | 50768 | | | 05 | 1 |
| 808 | ITAZUKE | 025 | 24181 | 32 | 6 | 488 | 18142 | 29 | 9 | 030 | 10518 | 24 | 4 | 928 | 52574 | 30 | 29 | 03 | 1 |
| 827 | KAGOSHIMA | 023 | 22218 | | | 475 | 12085 | | | 000 | 05531 | | | 870 | 59648 | | | 03 | 1 |
| | BLOCK 60 | | | | | | | | | | | | | | | | | | |
| 155 | CASABLANCA | 135 | 20204 | | | 540 | 23062 | | | 201 | 09579 | | | 074 | 64221 | | | 02 | 8 |
| 390 | M BLANCHE | 131 | 22194 | 00 | | 550 | 17508 | 00 | | 179 | 09601 | 35 | 53 | 869 | 59807 | 34 | 22 | 02 | 5 |
| 570 | COLOMB | 111 | | | | 570 | 24571 | | | 196 | 05715 | | | 823 | 68912 | | | 02 | 5 |
| | BLOCK 61 | | | | | | | | | | | | | | | | | | |
| 642 | DAKAR OUAKAM | 115 | 24201 | | | 530 | 20118 | | | 128 | 10042 | | | 886 | 56581 | | | 07 | 8 |
| | BLOCK 62 | | | | | | | | | | | | | | | | | | |
| 053 | BENINA | 051 | 64560 | | | 672 | 54210 | | | 036 | 48110 | | | 923 | 20830 | | | 02 | 7 |
| 366 | FAROUK | 113 | 20172 | 34 | 1 | 503 | 16517 | 01 | 12 | 141 | 11991 | 29 | 5 | 868 | 54997 | 26 | 18 | 03 | 5 |
| | BLOCK 70 | | | | | | | | | | | | | | | | | | |
| 026 | BARROW | 021 | 01504 | 23 | 22 | 448 | 53572 | 27 | 38 | 948 | 55592 | 25 | 56 | 795 | 67769 | | | 04 | 1 |
| 133 | KOTZEBUE | 042 | 08056 | 20 | 8 | 480 | 05024 | 25 | 29 | 998 | 51552 | 26 | 36 | 857 | 64674 | | | 03 | 1 |
| 200 | NOME | 058 | 03035 | 25 | 10 | 495 | 09563 | 26 | 29 | 014 | 50671 | 28 | 37 | 871 | 65704 | 32 | 22 | 03 | 1 |
| 204 | GAMBELL | 054 | 04031 | | | 497 | 10542 | | | 022 | 03662 | | | 890 | 63701 | | | 03 | 1 |
| 219 | BETHEL | 067 | 16087 | 32 | 13 | 514 | 08009 | 32 | 6 | 032 | 50652 | 30 | 2 | 890 | 67786 | | | 03 | 1 |
| 231 | MCGRATH | 056 | 22077 | 27 | 10 | 510 | 10032 | 25 | 11 | 028 | 51641 | 31 | 15 | 882 | 67820 | 29 | 15 | 03 | 1 |
| 261 | FRBNKS WEEKS | 050 | 19085 | 23 | 10 | 499 | 07014 | 25 | 17 | 013 | 51608 | 26 | 24 | 864 | 68767 | 28 | 14 | 03 | 1 |
| 273 | ANCH MERRILL | 101 | 43 | | | | | | | *** | ***** | | | *** | ***** | | | 03 | 1 |
| 291 | NORTHWAY | 055 | | | | 503 | 07532 | | | 021 | 50547 | | | *** | ***** | | | 04 | 1 |
| 350 | KODIAK | 101 | 40 | | | | | | | *** | ***** | | | *** | ***** | | | 03 | 1 |
| 361 | YAKUTAT | 084 | 11061 | 31 | 11 | 528 | 0607 | | | *** | ***** | | | 875 | 69851 | 09 | 9 | 03 | 1 |
| 381 | JUNEAU | 047 | 17999 | 22 | 2 | 493 | 06013 | 01 | 7 | 007 | 51595 | 09 | 12 | 858 | 71811 | 08 | 14 | 03 | 1 |
| 398 | ANNETTE IS | 047 | 12025 | 27 | 4 | 486 | 02533 | 13 | 10 | 991 | 56718 | 11 | 17 | 822 | 74786 | 10 | 40 | 03 | 1 |
| 439 | AMCHITKA | 101 | 43 | | | | | | | *** | ***** | | | *** | ***** | | | 03 | 1 |
| 454 | LONGVIEW | 051 | 12103 | 14 | 12 | 501 | 15142 | '19 | 8 | 036 | 10662 | 18 | 8 | 922 | 58619 | 21 | 9 | 03 | 1 |
| 485 | FORT GLENN | 101 | 43 | | | | | | | *** | ***** | | | *** | ***** | | | 03 | 1 |
| | BLOCK 72 | | | | | | | | | | | | | | | | | | |
| 202 | MIAMI | 050 | 26211 | 00 | | 514 | 17117 | 06 | 6 | 050 | 09521 | 04 | 7 | 938 | 56659 | 03 | 9 | 03 | 1 |
| 208 | CHARLESTON | 039 | 23227 | 00 | | 503 | 17155 | 28 | 4 | 039 | 08067 | 15 | 4 | 936 | 53727 | 11 | 15 | 03 | 1 |
| 211 | TAMPA | 049 | 25225 | | | 514 | 18109 | | | 052 | 09512 | | | 940 | 55679 | | | 03 | 1 |
| 219 | ATLANTA | 049 | | | | 516 | 19149 | 09 | 8 | 056 | 10043 | 08 | 3 | 952 | 53998 | | | 03 | 1 |
| 231 | NEW ORLEANS | 041 | 25229 | 18 | 11 | 505 | 18076 | 20 | 22 | 044 | 10012 | 21 | 20 | 937 | 54684 | 19 | 22 | 03 | 1 |
| 240 | LAKE CHARLES | 030 | 25231 | | | 496 | 17143 | | | 036 | 10042 | | | 929 | 55601 | | | 03 | 1 |
| 250 | BROWNSVILLE | 031 | 27242 | 17 | 10 | 499 | 19152 | 11 | 13 | 039 | 09077 | 11 | 3 | 935 | 53625 | 19 | 3 | 03 | 1 |
| 253 | SAN ANTONIO | 030 | | | | 496 | 19167 | 11 | 10 | 038 | 10051 | 06 | 9 | 933 | 55592 | 34 | 4 | 03 | 1 |
| 259 | FT WORTH | 036 | | | | 504 | 21152 | 12 | 14 | 047 | 10993 | 08 | 6 | 941 | 52996 | 01 | 20 | 03 | 1 |
| 265 | BIG SPRING | 022 | | | | 496 | 14031 | 10 | 19 | 038 | 08047 | 05 | 13 | 928 | 54990 | 04 | 15 | 03 | 1 |
| 270 | EL PASO | 008 | | | | 490 | 27038 | 11 | 15 | 041 | 13000 | 11 | 8 | 932 | 56649 | 08 | 4 | 03 | 1 |
| 278 | PHOENIX | 015 | | | | 490 | 25091 | 21 | 6 | 033 | 10041 | 29 | 5 | 916 | 58627 | | | 03 | 1 |
| 304 | HATTERAS | 053 | 24218 | 14 | 15 | 515 | 17111 | 13 | 14 | 052 | 09502 | 12 | 7 | 943 | 55993 | 06 | 16 | 03 | 1 |
| 317 | GREENSBORO | 052 | | | | 515 | 17154 | 09 | 17 | 054 | 09067 | 07 | 6 | 949 | 54992 | 08 | 9 | 03 | 1 |
| 327 | NASHVILLE | 044 | | | | 512 | 18158 | 13 | 10 | 050 | 08058 | 13 | 11 | 944 | 55722 | 15 | 10 | 03 | 1 |
| 340 | LITTLE ROCK | 040 | 24224 | 14 | 7 | 504 | 17147 | 10 | 18 | 042 | 08054 | 11 | 21 | 933 | 55578 | 11 | 27 | 03 | 1 |
| 353 | OKLAHOMA CTY | 034 | | | | 501 | 19135 | 11 | 15 | 040 | 09505 | 11 | 8 | 931 | 54657 | 05 | 22 | 03 | 1 |
| 365 | ALBUQUERQUE | 002 | | | | 486 | | | | 041 | 14507 | 19 | 13 | 935 | 58654 | 03 | 2 | 03 | 1 |
| 386 | LAS VEGAS | 010 | | | | 488 | 24109 | 12 | 11 | 033 | 11031 | 25 | 18 | 919 | 59703 | 25 | 10 | 03 | 1 |
| 394 | SANTA MARIA | 040 | 12099 | 28 | 8 | 495 | 20997 | 20 | 3 | 036 | 10511 | 24 | 6 | 921 | 58992 | 22 | 20 | 03 | 1 |
| 405 | WASHINGTON | 054 | 25192 | | | 517 | 17094 | | | 053 | 08584 | | | 943 | 55990 | | | 03 | 1 |
| 445 | COLUMBIA | 004 | | | | 512 | 20148 | 15 | 11 | 053 | 11506 | 15 | 13 | 951 | 52998 | 11 | 17 | 03 | 1 |
| 451 | DODGE CITY | 027 | | | | 503 | 24122 | 15 | 21 | 049 | 12522 | 17 | 6 | 948 | 54696 | | | 03 | 1 |
| 476 | GRAND JUNC | 022 | | | | 494 | 21115 | 30 | 10 | 040 | 11057 | 25 | 9 | 933 | 56599 | 17 | 25 | 03 | 1 |
| 486 | ELY | 101 | 42 | | | | | | | *** | ***** | | | *** | ***** | | | 03 | 1 |
| 493 | OAKLAND | 040 | 10097 | 24 | 12 | 487 | 18591 | 27 | 11 | 022 | 08632 | 24 | 11 | 905 | 59997 | | | 04 | 1 |
| 506 | NANTUCKET | | | | | | | | | | | | | | | | | | |
| 518 | ALBANY | 040 | 27148 | 28 | 7 | 507 | 19062 | 29 | 16 | 042 | 06516 | 34 | 17 | 926 | 58733 | | | 03 | 1 |
| 520 | PITTSBURGH | 050 | | | | 521 | 20133 | 10 | 5 | 058 | 08536 | 06 | 14 | 947 | 54722 | | | 03 | 1 |
| 528 | BUFFALO | 045 | | | | 511 | 21063 | 29 | 17 | 049 | 07524 | 29 | 36 | *** | *9335 | 66 | 72 | 03 | 1 |
| 534 | CHICAGO | 043 | | | | 515 | 21114 | 17 | 14 | 057 | 10531 | 13 | 16 | 952 | 53996 | 34 | 7 | 03 | 1 |
| 536 | TOLEDO | 046 | | | | 517 | 22555 | 20 | 8 | 059 | 09559 | 36 | 6 | 950 | 56721 | | | 03 | 1 |
| 553 | OMAHA | 032 | | | | 506 | 22115 | 19 | 19 | 050 | 12549 | 16 | 7 | 948 | 53994 | | | 03 | 1 |
| 562 | N PLATTE | 020 | | | | 496 | 26112 | 17 | 32 | 045 | 13003 | 24 | 16 | 941 | 54684 | 16 | 17 | 03 | 1 |
| 576 | LANDER | 036 | | | | 493 | | | | 028 | 07031 | | | *** | ***** | | | 03 | 1 |
| 597 | MEDFORD | 032 | | | | 493 | 15045 | 30 | 10 | 022 | 05554 | 21 | 16 | 888 | 64778 | 22 | 25 | 03 | 1 |
| 600 | SABLE ISLAND | 041 | 15151 | | | 498 | 16132 | | | 030 | 04517 | | | 901 | 63744 | | | 03 | 1 |
| 606 | PORTLAND | 038 | 29198 | 27 | 6 | 507 | 20024 | 31 | 13 | 044 | 05568 | 31 | 18 | 926 | 58707 | | | 03 | 1 |
| 655 | ST CLOUD | 021 | | | | 498 | 23142 | 21 | 30 | 045 | 13521 | 25 | 18 | 938 | 56647 | 27 | 30 | 03 | 1 |
| 662 | RAPID CITY | 013 | | | | 493 | 24128 | 36 | 16 | 042 | 14016 | 33 | 22 | 941 | 55601 | | | 04 | 1 |
| 681 | BOISE | 006 | | | | 486 | 25008 | 07 | 5 | 030 | 10523 | 20 | 8 | 910 | 62683 | 23 | 26 | 03 | 1 |
| 712 | CARIBOU | 025 | | | | 491 | 19049 | 25 | 27 | 026 | 08605 | 24 | 19 | 903 | 61723 | 30 | 45 | 03 | 1 |
| 734 | SAULT MARIE | 040 | | | | 000 | 20079 | 27 | 18 | 040 | 10596 | 33 | 19 | 925 | 58737 | 31 | 20 | 03 | 1 |
| 747 | INTL FALLS | 037 | | | | 500 | 18055 | 08 | 4 | 034 | 05015 | 25 | 6 | 916 | 57625 | 30 | 40 | 03 | 1 |
| 764 | BISMARCK | 029 | | | | 488 | 19131 | 07 | 26 | 030 | 13054 | 25 | 21 | 928 | 56613 | 25 | 35 | 03 | 1 |
| 768 | GLASGOW | 092 | | | | 494 | 17504 | 12 | 36 | 032 | 09607 | 26 | 1 | 912 | 60741 | 25 | 16 | 03 | 1 |
| 775 | GREAT FALLS | 012 | | | | 486 | 22071 | 17 | 19 | 028 | 09527 | 13 | 2 | 911 | 61709 | 26 | 24 | 03 | 1 |
| 785 | SPOKANE | 017 | | | | 488 | 20504 | 23 | 9 | 023 | 05578 | 23 | 24 | 893 | 64741 | 23 | 39 | 03 | 1 |
| 798 | TATOOSH IS | 051 | 09084 | 23 | 10 | 491 | 08624 | 25 | 8 | 010 | 00655 | 24 | 11 | 872 | 64999 | 27 | 24 | 03 | 1 |
| 807 | ARGENTIA | 101 | 40 | | | | | | | *** | ***** | | | *** | ***** | | | 03 | 1 |
| 815 | STEPHENVILLE | 030 | 17137 | | | 488 | 13070 | | | 019 | 05523 | 32 | 20 | 897 | ***** | 37 | 32 | 03 | 1 |
| 816 | GOOSE | 001 | | | | 460 | 14044 | 29 | 14 | 988 | 03586 | 28 | 24 | 848 | 63762 | | | 03 | 1 |
| 836 | MOOSONEE | 034 | 10076 | | | 476 | 07015 | | | 995 | 01591 | | | 857 | 62729 | | | 03 | 1 |
| 867 | THE PAS | 053 | | | | 497 | 07517 | | | 017 | 02664 | | | 882 | 63754 | | | 03 | 1 |
| 879 | EDMONTON | 047 | | | | 494 | 08027 | 14 | 4 | 012 | 52572 | 28 | 13 | 864 | 68996 | 25 | 37 | 03 | 1 |
| 896 | PRINCE GEORG | 040 | | | | 492 | 09006 | 06 | 8 | 011 | 53581 | 16 | 10 | 853 | 66714 | | | 03 | 1 |
| 906 | FT CHIMO | 522 | | | | 411 | 00000 | | | 917 | 55550 | | | 757 | 70995 | | | 03 | 1 |
| 907 | PORT HARRISN | 512 | | | | 416 | 52523 | | | 919 | 57605 | | | 758 | 71824 | | | 03 | 1 |
| 913 | CHURCHILL | 040 | 11061 | 32 | 12 | 482 | 00557 | 32 | 22 | 986 | 53704 | 33 | 30 | 838 | 67998 | 35 | 30 | 03 | 1 |
| 915 | CORAL HARBOR | 502 | | | | 426 | 54522 | | | 940 | 55570 | | | 782 | 71751 | | | 03 | 1 |
| 917 | EUREKA | 017 | 04509 | 00 | | 449 | 51564 | 21 | 6 | 950 | 57608 | 19 | 9 | 785 | 73753 | 17 | 18 | 03 | 1 |
| 918 | ARCTIC BAY | 028 | 05513 | | | 459 | | | | 968 | 55691 | | | 808 | 72829 | | | 03 | 1 |
| 924 | RESOLUTE | 037 | 02001 | 33 | 12 | 461 | 58545 | 32 | 11 | 961 | 57722 | 29 | 15 | 792 | 74854 | 27 | 30 | 03 | 1 |
| 926 | BAKER LAKE | 041 | 07024 | | | 476 | 04593 | | | 997 | 54642 | | | 837 | 69793 | | | 03 | 1 |
| 934 | FT SMITH | 005 | | | | 491 | 04526 | | | 999 | 55990 | | | 838 | 71992 | | | 03 | 1 |
| 938 | COPPERMINE | 101 | 59 | | | | | | | *** | ***** | | | *** | ***** | | | 03 | 1 |
| 945 | FORT NELSON | 050 | | | | 495 | 06014 | | | 008 | 53572 | | | 858 | 67761 | | | 03 | 1 |
| 964 | WHITEHORSE | 047 | | | | 498 | 08521 | 36 | 11 | 011 | 55581 | 01 | 5 | 854 | 71867 | 20 | 7 | 03 | 1 |
| 968 | AKLAVIK | 101 | 40 | | | | | | | *** | ***** | | | *** | ***** | | | 03 | 1 |
| | BLOCK 74 | | | | | | | | | | | | | | | | | | |
| 043 | NORMAN WELLS | 058 | 18113 | | | 505 | 06031 | | | 017 | 53555 | | | 862 | 70804 | | | 03 | 1 |
| 072 | MOULD BAY | 024 | 01004 | | | 455 | 01517 | | | 956 | 50671 | | | 788 | 71775 | | | 03 | 1 |
| 074 | ISACHSEN | 031 | 00502 | | | 453 | 57597 | | | 948 | 61730 | | | 769 | 77998 | | | 03 | 1 |
| 090 | CLYDE RIVER | 023 | 50513 | 33 | 6 | 446 | 54990 | 07 | 16 | 946 | 56990 | 16 | 8 | 787 | 70998 | 22 | 9 | 03 | 1 |
| 109 | PORT HARDY | 046 | 11076 | | | 487 | 05011 | | | 998 | 99999 | | | 855 | 63737 | | | 03 | 1 |
| | BLOCK 76 | | | | | | | | | | | | | | | | | | |
| 458 | MAZATLAN | 028 | 28221 | | | 495 | 17171 | | | 033 | 09087 | | | 928 | 50563 | | | 02 | 1 |
| 491 | C VICTORIA | 030 | | | | 496 | 19139 | | | 035 | 09045 | | | 926 | 55575 | | | 02 | 1 |
| 644 | MERIDA | 038 | 28225 | | | 598 | 19116 | | | 944 | 99991 | | | 938 | 85532 | | | 03 | 1 |
| 679 | TACUBAYA | 006 | | | | 483 | | | | 034 | 12036 | | | 923 | 50694 | | | 03 | 1 |
| | BLOCK 78 | | | | | | | | | | | | | | | | | | |
| 016 | KINDLEY FLD | 057 | 23208 | 09 | 8 | 515 | 13086 | 10 | 10 | 042 | 03536 | 11 | 4 | 912 | 62652 | 14 | 4 | 03 | 1 |
| 501 | SWAN ISLAND | 038 | 26222 | | | 503 | 18154 | | | 043 | 10041 | | | 932 | 57632 | | | 03 | 1 |
| 862 | COOLIDGE FLD | | 25224 | 08 | 11 | 404 | 18141 | 07 | 22 | 038 | 10990 | 07 | 18 | 935 | 53998 | 12 | 9 | 03 | 1 |
| 967 | CHAGUARAMAS | 041 | 201 | | | | 16116 | | | *** | 07519 | | | *** | **991 | | | 03 | 1 |
| 972 | WALLER FIELD | 839 | 23 | | | 497 | 15 | 08 | 18 | 098 | 00566 | 09 | 16 | 918 | 55996 | 08 | 14 | 04 | 1 |
| | BLOCK 91 | | | | | | | | | | | | | | | | | | |
| 066 | MIDWAY ISL | 064 | 23187 | 04 | 19 | 518 | 13089 | | | 056 | 11093 | | | 949 | 55636 | | | 03 | 1 |
| 115 | IWO JIMA | 041 | 30233 | 23 | 14 | 511 | 19102 | 26 | 6 | 051 | 10546 | 26 | 16 | 946 | 54992 | 25 | 20 | 03 | 1 |
| 182 | HONOLULU | 044 | 25197 | 06 | 19 | 505 | 13119 | 07 | 13 | 037 | 08605 | 06 | 5 | 924 | 59677 | 21 | 11 | 03 | 1 |
| 215 | HARMON FLD | 033 | 30216 | 12 | 10 | 498 | 16102 | 09 | 19 | 031 | 09621 | 09 | 29 | 919 | 56995 | 09 | 15 | 03 | 1 |
| 366 | KWAJALEIN | 030 | 28257 | 07 | 15 | 498 | 21180 | 10 | 20 | 040 | 11071 | 08 | 20 | 936 | 53656 | 18 | 9 | 03 | 1 |
| 413 | YAP | 101 | 59 | | | | | | | *** | ***** | | | *** | ***** | | | 03 | 1 |
| 327 | CLARK FIELD | 029 | | | | 502 | 20135 | 08 | 6 | 044 | 11522 | 10 | 19 | 944 | 53992 | 08 | 20 | 05 | 1 |
| 645 | CEBU | 035 | 30252 | | | 508 | 20156 | | | 045 | 09504 | | | 936 | 54727 | | | 03 | 8 |
| | BLOCK 98 | | | | | | | | | | | | | | | | | | |
| QLL | OCEAN STA | | | | | | | | | | | | | | | | | | |
| 034 | 0 355 400 | 067 | 21164 | | | 522 | 14011 | 36 | 11 | 051 | 04523 | 30 | 12 | 918 | 64995 | 28 | 14 | 03 | 9 |
| 035 | 0 340 520 | 073 | 21396 | | | 531 | 13095 | 18 | 10 | 058 | 04547 | 18 | 17 | 932 | 62752 | 25 | 9 | 03 | 9 |
| 037 | 0 360 700 | 062 | 24207 | | | 523 | 15117 | 14 | 8 | 059 | 08503 | 30 | 4 | 944 | 57994 | 26 | 18 | 03 | 9 |
| 041 | 0 450 160 | 194 | 16142 | | | 560 | 11038 | | | 176 | 05572 | | | 828 | 64754 | | | 02 | 8 |
| 051 | 0 538 187 | 056 | 51410 | 26 | 18 | 491 | 32250 | 25 | 25 | 997 | 23080 | 24 | 27 | 835 | 95870 | 23 | 32 | 02 | 2 |
| 053 | 0 527 355 | 030 | 09 9 | 23 | 14 | 472 | 08079 | 25 | 22 | 995 | 01506 | 26 | 27 | 862 | 62995 | 25 | 25 | 03 | 9 |
| 055 | 0 565 510 | 500 | | | | 436 | 05028 | 30 | 28 | 951 | 00533 | 30 | 29 | 805 | 66722 | 28 | 19 | 03 | 9 |
| 062 | 0 600 196 | 019 | 49460 | | | 450 | 33270 | 27 | 21 | 957 | 21990 | 27 | 25 | 796 | 91770 | 27 | 46 | 02 | 2 |
| 063 | 0 620 330 | 034 | 75042 | 00 | | 466 | 01551 | 00 | | 970 | 56667 | 33 | 14 | 818 | 65792 | 34 | 39 | 03 | 9 |
| 123 | 1 297 354 | 026 | 24230 | | | 485 | 18141 | | | 020 | 11049 | | | 919 | 51591 | | | 03 | 1 |
| 127 | 1 247 721 | 058 | 25177 | 08 | 14 | 522 | 14046 | 05 | 17 | 034 | 05992 | 05 | 32 | 914 | 58164 | 03 | 25 | 03 | 9 |
| 134 | 1 300 400 | 070 | 17142 | 06 | 18 | 516 | 04548 | 04 | 14 | 045 | 07624 | 04 | 12 | 931 | 56991 | 30 | 5 | 03 | 9 |
| 144 | 1 490 480 | 076 | 11105 | 26 | 14 | 521 | 07062 | 25 | 21 | 038 | 00571 | 26 | 24 | 897 | 66703 | 28 | 28 | 03 | 9 |
| 223 | 2 292 350 | 025 | 24 | | | 484 | 18 | | | 019 | 11*** | | | 918 | 51*** | | | 02 | 9 |
| 235 | 2 390 530 | 044 | 14 | | | 492 | 06 | | | 021 | 50*** | | | 907 | 59*** | | | 02 | 9 |
| 360 | 3 660 020 | 143 | 10091 | | | 490 | 03031 | | | 038 | 54561 | | | 606 | 69717 | | | 03 | 8 |

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| Index No. iii | Station Name | 1000 mb. hhh | TTTTT ddx | dd | ff | 850 mb. hhh | TTTTT ddx | dd | ff | 700 mb. hhh | TTTTT ddx | dd | ff | 500 mb. hhh | TTTTT ddx | dd | ff | Hour GG | Code Type |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | BLOCK 01 | | | | | | | | | | | | | | | | | | |
| 001 | JAN MAYEN | 086 | 01006 | | | 400 | 52529 | | | 911 | 59632 | | | 447 | 74812 | | | 03 | 8 |
| 030 | TROMSO | 122 | 11073 | 00 | | 490 | 09041 | 23 | 16 | 058 | 52532 | 23 | 28 | 644 | 68730 | | | 03 | 5 |
| 384 | GARDERMOEN | 132 | 99999 | | | 470 | 09094 | | | 051 | 50523 | | | 671 | 67749 | | | 03 | 8 |
| 415 | SOLA | 134 | 14107 | | | 530 | 08019 | | | 071 | 52531 | | | 674 | 66678 | | | 03 | 8 |
| | BLOCK 02 | | | | | | | | | | | | | | | | | | |
| 057 | LULEA KALLAS | 151 | 17117 | | | 530 | 10005 | | | 109 | 00572 | | | 730 | 65748 | | | 03 | 8 |
| 077 | STOCKHOLM | 157 | 15100 | 18 | 10 | 520 | 08014 | 16 | 19 | 109 | 00587 | 19 | 4 | 729 | 66750 | 21 | 11 | 03 | 5 |
| 084 | GOTEBORG | 139 | 13115 | | | 504 | 08082 | | | 073 | 50567 | | | 681 | 68751 | | | 03 | 8 |
| | BLOCK 03 | | | | | | | | | | | | | | | | | | |
| 005 | LERWICK | 048 | 49480 | | | 847 | 83440 | | | *** | 24980 | | | 830 | 94*** | | | 02 | 6 |
| 026 | STORNOWAY | 054 | 52430 | | | 490 | 32260 | 30 | 21 | 995 | 22110 | 29 | 18 | 837 | 92720 | 32 | 10 | 02 | 2 |
| 171 | LEUCHARS | 046 | 52480 | | | 485 | 37340 | | | 991 | 22140 | | | *** | 92900 | | | 02 | 7 |
| 476 | DOWNHAM MKT | 046 | 57530 | 30 | 21 | 487 | 41370 | 28 | 21 | 998 | 25180 | 25 | 25 | 843 | 93680 | 25 | 19 | 03 | 2 |
| 743 | LARKHILL | 051 | 53510 | | | 492 | 40210 | 29 | 26 | 004 | 27100 | 28 | 30 | 850 | 96730 | 26 | 53 | 02 | 2 |
| 917 | ALDERGROVE | 059 | 50430 | 33 | 9 | 495 | 34840 | 32 | 24 | 003 | 24890 | 15 | 26 | 844 | 91770 | 32 | 31 | 02 | 2 |
| 953 | VALENTIA | 071 | 53 0 | 34 | 10 | 509 | 34 0 | 32 | 15 | 020 | 31**0 | 32 | 26 | 880 | 11**0 | | | 03 | 2 |
| | BLOCK 04 | | | | | | | | | | | | | | | | | | |
| 202 | THULE | 028 | 50509 | | | 455 | 51557 | 06 | 5 | 953 | 59692 | 24 | 2 | 784 | 73847 | 00 | | 03 | 1 |
| 231 | SDR STROMFRD | 503 | | | | 446 | 11656 | 03 | 4 | 952 | 56990 | 09 | 5 | 795 | 67998 | 16 | 30 | 03 | 1 |
| 270 | NARSSARSSUAK | 003 | 11028 | 05 | 16 | 445 | 05017 | 14 | 7 | 960 | 50517 | 20 | 28 | 786 | 05663 | 21 | 40 | 03 | 1 |
| 339 | SCORESBYSUND | 010 | 02 | 36 | 4 | 448 | 05 | 29 | 11 | 959 | 55*** | 28 | 14 | 804 | 70*** | 29 | 35 | 03 | 1 |
| | BLOCK 06 | | | | | | | | | | | | | | | | | | |
| 260 | DE BILT | 118 | 17102 | | | 504 | 12059 | | | 103 | 02521 | | | 738 | 65703 | | | 03 | 8 |
| 447 | UCCLE | 125 | 15142 | | | 493 | 11045 | | | 085 | 00527 | | | 705 | 66682 | | | 03 | 8 |
| 610 | PAYERNE | 160 | | | | 540 | 13027 | 25 | 12 | 140 | 03594 | 26 | 15 | 780 | 65768 | 29 | 26 | 05 | 5 |
| | BLOCK 07 | | | | | | | | | | | | | | | | | | |
| 110 | BREST | 196 | 13118 | 33 | 12 | 545 | 06033 | 29 | 25 | 130 | 02586 | 28 | 40 | 788 | 61749 | 29 | 45 | 02 | 5 |
| 145 | TRAPPES | 157 | | | | 540 | | | | 125 | 02549 | | | 765 | 66752 | | | 02 | 8 |

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# RADIOSONDE AND RAWINSONDE DATA—Continued

| Index No. iii | 300 mb. hhh | TTTTT ddx | dd | ff | 200 mb. hhh | TTTTT ddx | dd | ff | 100 mb. hhh | TTTTT ddx | dd | ff | Hour GG | Code Type |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 149 | 974 | 75 | | | | | | | | | | | 14 | 8 |
| 279 | 967 | 78 | | | | | | | | | | | 14 | 8 |
| 371 | 962 | 84 | | | | | | | | | | | 15 | 8 |
| 45 | | | | | | | | | | | | | | |
| 007 | 101 | 50 | | | | | | | | | | | 22 | 8 |
| 47 | | | | | | | | | | | | | | |
| 401 | 098 | 85928 | | | 990 | 04997 | | | | | | | 04 | 1 |
| 580 | 112 | 86990 | 06 | 40 | | | | | | | | | 03 | 1 |
| 600 | 120 | 86992 | | | 012 | 02999 | | | | | | | 03 | 1 |
| 635 | 101 | 43 | | | | | | | | | | | 03 | 1 |
| 646 | 130 | 81998 | | | 053 | 94995 | | | 551 | 00994 | | | 03 | 1 |
| 671 | 773 | 83996 | 27 | 48 | 035 | 01995 | 27 | 83 | 504 | 03990 | | | 03 | 1 |
| 744 | 051 | 84940 | | | 916 | 02896 | | | 272 | 04994 | | | 04 | 1 |
| 778 | 014 | 97786 | | | 066 | 99993 | | | | | | | 05 | 1 |
| 808 | 206 | 74828 | 30 | 54 | 129 | 97992 | | | 539 | 09999 | | | 03 | 1 |
| 827 | 009 | 82873 | | | 894 | 11995 | | | | | | | 03 | 1 |
| 60 | | | | | | | | | | | | | | |
| 155 | 955 | 91 4 | | | 222 | | | | | | | | 02 | 8 |
| 390 | 962 | 86029 | 32 | 59 | | | | | | | | | 02 | 5 |
| 570 | 939 | 02110 | | | | | | | | | | | 02 | 5 |
| 61 | | | | | | | | | | | | | | |
| 642 | 971 | 80972 | | | 247 | 01 1 | | | 672 | 20**1 | | | 07 | 8 |
| 62 | | | | | | | | | | | | | | |
| 053 | 165 | 77480 | | | 086 | 53 0 | | | 535 | 15**0 | | | 02 | 7 |
| 366 | 101 | 43 | | | | | | | | | | | 03 | 5 |
| 70 | | | | | | | | | | | | | | |
| 026 | 979 | 94991 | | | 870 | 91992 | | | 409 | 92991 | | | 03 | 1 |
| 133 | 059 | 92994 | | | 923 | 00992 | | | 421 | 95998 | | | 03 | 1 |
| 200 | 069 | 99970 | 31 | 49 | 922 | 05999 | 34 | 33 | | | | | 03 | 1 |
| 204 | 101 | 90996 | | | | | | | | | | | 03 | 1 |
| 219 | 081 | 93995 | | | 950 | 00990 | | | | | | | 03 | 1 |
| 231 | 070 | 95997 | 34 | 23 | 930 | 02990 | 34 | 21 | 420 | 03318 | | | 03 | 1 |
| 261 | 047 | 94996 | 26 | 6 | 912 | 00996 | 32 | 16 | 413 | 95994 | 33 | 19 | 03 | 1 |
| 273 | 056 | 98992 | 33 | 33 | 917 | 00991 | 34 | 23 | 414 | 97994 | 34 | 14 | 03 | 1 |
| 291 | 101 | 50 | | | | | | | | | | | 04 | 1 |
| 350 | 101 | 40 | | | | | | | | | | | 03 | 1 |
| 361 | | | | | | | | | | | | | | |
| 381 | 028 | 98991 | 11 | 29 | 898 | 95995 | | | 416 | 94996 | | | 03 | 1 |
| 398 | 977 | 00997 | 09 | 42 | 863 | 94999 | 01 | 5 | 378 | 96999 | | | 03 | 1 |
| 439 | 101 | 43 | | | | | | | | | | | 03 | 1 |
| 454 | 101 | 43 | | | | | | | | | | | 03 | 1 |
| 485 | 101 | 43 | | | | | | | | | | | 03 | 1 |
| 72 | | | | | | | | | | | | | | |
| 202 | 182 | 83852 | 04 | 15 | 077 | 04996 | 05 | 40 | 478 | 22993 | 05 | 24 | 03 | 1 |
| 208 | 194 | 80925 | 09 | 17 | 096 | 02998 | 02 | 11 | 449 | ***** | | | 03 | 1 |
| 211 | 191 | 82922 | | | 087 | 03999 | | | 493 | 22992 | | | 03 | 1 |
| 219 | 208 | 81995 | | | 108 | 02997 | | | | | | | 03 | 1 |
| 231 | 188 | 81877 | 17 | 13 | 082 | 06990 | 07 | 3 | 455 | 23996 | | | 03 | 1 |
| 240 | 181 | 80877 | | | 081 | 03994 | | | | | | | 03 | 1 |
| 250 | 195 | 79857 | 16 | 8 | 099 | 03990 | 06 | 12 | | | | | 03 | 1 |
| 253 | 188 | 80823 | 23 | 5 | 096 | 01997 | 22 | 6 | | | | | 03 | 1 |
| 259 | 207 | 79994 | | | 115 | 00994 | | | 169 | 04026 | | | 03 | 1 |
| 265 | 186 | 81995 | 24 | 3 | 088 | 02990 | 01 | 7 | 483 | 21998 | 09 | 16 | 03 | 1 |
| 270 | 183 | 82997 | | | 079 | 04993 | | | | | | | 03 | 1 |
| 278 | 151 | 84884 | | | 034 | 07991 | | | 101 | 90*** | | | 03 | 1 |
| 304 | 196 | 82998 | 35 | 15 | 088 | 04997 | 36 | 47 | | | | | 03 | 1 |
| 317 | 203 | 82992 | 05 | 10 | 101 | 03994 | 31 | 11 | 477 | 21990 | 08 | 12 | 03 | 1 |
| 327 | 191 | 82998 | 10 | 8 | 083 | 04998 | 10 | 10 | 461 | 21998 | 03 | 12 | 03 | 1 |
| 340 | 187 | 81865 | 12 | 27 | 087 | 01993 | 11 | 17 | 492 | ***** | | | 03 | 1 |
| 353 | 188 | 79916 | 04 | 27 | 094 | 00997 | 02 | 12 | | | | | 03 | 1 |
| 365 | 180 | 83990 | 23 | 7 | 071 | 04990 | 19 | 25 | 457 | ***** | | | 03 | 1 |
| 386 | 149 | 87994 | | | 030 | 05996 | | | 455 | ***** | | | 03 | 1 |
| 394 | 145 | 89992 | 23 | 28 | 021 | 04996 | 23 | 36 | 431 | 14992 | 20 | 7 | 03 | 1 |
| 405 | 191 | 83991 | | | 085 | 03999 | | | 466 | 19991 | | | 03 | 1 |
| 445 | 208 | 81991 | 10 | 21 | 110 | 03990 | 09 | 8 | 496 | 21990 | 04 | 4 | 03 | 1 |
| 451 | 206 | 80996 | | | 108 | 02992 | | | 506 | 20994 | | | 03 | 1 |
| 476 | 182 | 82877 | 19 | 9 | 076 | 04990 | 33 | 2 | 471 | ***** | | | 03 | 1 |
| 486 | | | | | | | | | | | | | | |
| 493 | 101 | 50 | | | | | | | | | | | 04 | 1 |
| 506 | | | | | | | | | | | | | | |
| 518 | 160 | 85922 | | | 044 | 07991 | | | 432 | 16992 | | | 03 | 1 |
| 520 | 195 | 82948 | | | 091 | 03992 | | | 474 | 19993 | | | 03 | 1 |
| 528 | 179 | 83992 | | | 070 | 04992 | | | 448 | ***** | | | 03 | 1 |
| 534 | 205 | 83991 | 30 | 17 | 097 | 04998 | | | 474 | 21998 | | | 03 | 1 |
| 536 | 198 | 83998 | | | 083 | 05997 | | | 456 | ***** | | | 03 | 1 |
| 553 | 201 | 82996 | | | | | | | | | | | 03 | 1 |
| 562 | 189 | 83997 | | | 083 | 03999 | | | 470 | 17998 | | | 03 | 1 |
| 576 | 101 | 50 | | | | | | | | | | | 03 | 1 |
| 597 | 096 | 92990 | 21 | 45 | | | | | | | | | 03 | 1 |
| 600 | 107 | 91983 | | | 978 | 04999 | | | 424 | 07992 | | | 03 | 1 |
| 606 | 157 | 86947 | | | 035 | 08996 | | | 429 | 15990 | | | 03 | 1 |
| 655 | 189 | 81997 | 25 | 34 | 090 | 02994 | 34 | 22 | | | | | 03 | 1 |
| 662 | 187 | 83871 | | | 081 | 03998 | | | 486 | 13992 | | | 04 | 1 |
| 681 | 911 | 30097 | 02 | 4 | 602 | 50584 | | | 457 | 67721 | | | 03 | 1 |
| 712 | 062 | 87959 | 34 | 55 | 942 | 05998 | 81 | | | | | | 03 | 1 |
| 734 | 167 | 83861 | 29 | 25 | 061 | 03998 | 29 | 44 | | | | | 03 | 1 |
| 747 | 161 | 81904 | 24 | 55 | 061 | 03997 | 25 | 56 | 438 | ***** | | | 03 | 1 |
| 764 | 166 | 86985 | 24 | 30 | 054 | 05992 | 23 | 23 | 451 | 15991 | 24 | 26 | 03 | 1 |
| 768 | 138 | 86921 | | | | | | | | | | | 03 | 1 |
| 775 | 127 | 87969 | 72 | 8 | 003 | 08997 | | | 430 | ***** | | | 03 | 1 |
| 785 | 100 | 90997 | | | 968 | 04992 | | | 428 | ***** | | | 03 | 1 |
| 798 | 063 | 95991 | 27 | 29 | 923 | 01993 | 23 | 26 | 402 | ***** | | | 03 | 1 |
| 807 | 101 | 40 | | | | | | | | | | | 03 | 1 |
| 815 | 093 | 92990 | 33 | 50 | | | | | | | | | 03 | 1 |
| 816 | 074 | 92992 | 28 | 83 | 945 | 01992 | | | 437 | 00997 | | | 03 | 1 |
| 836 | 081 | 85944 | | | 975 | 01991 | | | 431 | 05998 | | | 03 | 1 |
| 867 | 100 | 87990 | | | | | | | | | | | 03 | 1 |
| 879 | 043 | 95997 | 23 | 66 | 920 | 97991 | 24 | 62 | | | | | 03 | 1 |
| 896 | 023 | 97997 | 24 | 45 | 889 | 98996 | 22 | 21 | | | | | 03 | 1 |
| 906 | 942 | 92990 | | | 844 | | | | | | | | 03 | 1 |
| 907 | 928 | 94990 | | | 828 | 91994 | | | | | | | 03 | 1 |
| 913 | 033 | 90994 | 28 | 42 | 909 | 96998 | 28 | 37 | 426 | 96993 | 28 | 27 | 03 | 1 |
| 915 | 963 | 91998 | | | | | | | | | | | 03 | 1 |
| 917 | 947 | 98999 | 17 | 26 | | | | | | | | | 03 | 1 |
| 918 | 963 | 02994 | | | 829 | 64992 | | | 359 | 92995 | | | 03 | 1 |
| 924 | 944 | 01990 | 24 | 45 | 828 | 92999 | 27 | 16 | | | | | 03 | 1 |
| 926 | 013 | 97997 | | | 882 | 97994 | | | 406 | 93997 | | | 03 | 1 |
| 934 | 008 | 96995 | | | 875 | 97992 | | | | | | | 03 | 1 |
| 938 | 101 | 50 | | | | | | | | | | | 03 | 1 |
| 945 | 052 | 91999 | | | 931 | 96990 | | | 458 | 92998 | | | 03 | 1 |
| 964 | 020 | 98998 | 22 | 16 | 875 | 98995 | 05 | 20 | | | | | 03 | 1 |
| 968 | 101 | 40 | | | | | | | | | | | 03 | 1 |
| 74 | | | | | | | | | | | | | | |
| 043 | 029 | 98999 | | | 893 | 00990 | | | 401 | 94999 | | | 03 | 1 |
| 072 | 950 | 96995 | | | 816 | 92997 | | | | | | | 03 | 1 |
| 074 | 921 | 90 7 | | | 829 | 89991 | | | 387 | 88995 | | | 03 | 1 |
| 090 | 962 | 94995 | 17 | 6 | 839 | 94998 | 35 | 11 | 363 | 94996 | 20 | 4 | 03 | 1 |
| 109 | 066 | 91990 | | | | | | | | | | | 03 | 1 |
| 76 | | | | | | | | | | | | | | |
| 458 | 176 | 82863 | | | 076 | 04990 | | | | | | | 02 | 1 |
| 491 | | | | | | | | | | | | | | |
| 644 | 177 | 63995 | | | 068 | 05773 | | | | | | | 03 | 1 |
| 679 | 172 | 83999 | | | 064 | 05995 | | | | | | | 03 | 1 |
| 78 | | | | | | | | | | | | | | |
| 016 | 137 | 88999 | 04 | 13 | | | | | | | | | 03 | 1 |
| 501 | 179 | 81997 | | | 071 | 04997 | | | 431 | 21998 | | | 03 | 1 |
| 862 | 181 | 84995 | 26 | 14 | 088 | 94992 | 24 | 9 | | | | | 03 | 1 |
| 967 | 101 | 50 | | | | | | | | | | | 03 | 1 |
| 972 | 167 | 990 | 17 | 4 | 057 | 05992 | | | | | | | 04 | 1 |
| 91 | | | | | | | | | | | | | | |
| 066 | 101 | 43 | | | | | | | | | | | 03 | 1 |
| 115 | 200 | 80991 | 25 | 7 | 112 | 99990 | 04 | 13 | | | | | 03 | 1 |
| 182 | 158 | 86946 | 25 | 17 | 035 | 08999 | 24 | 27 | 433 | 13990 | 20 | 9 | 03 | 1 |
| 215 | 169 | | | | | | | | | | | | 03 | 1 |
| 366 | | | | | | | | | | | | | | |
| 413 | 101 | 59 | | | | | | | | | | | 03 | 1 |
| 98 | | | | | | | | | | | | | | |
| 327 | 169 | 78998 | 09 | 10 | | | | | | | | | 05 | 1 |
| 645 | 184 | 82905 | | | 081 | 05992 | | | | | | | 03 | 8 |
| QLL | | OCEAN STA | | | | | | | | | | | | |
| 034 | 122 | 92997 | 22 | 19 | 981 | 07991 | 23 | 30 | | | | | 03 | 9 |
| 035 | 147 | 89978 | 32 | 6 | 018 | 09992 | | | 423 | 14993 | | | 03 | 9 |
| 037 | 187 | 83997 | 12 | 9 | 078 | 04996 | | | | | | | 03 | 9 |
| 041 | 952 | 89003 | | | 220 | 02 7 | | | 657 | 11**4 | | | 02 | 8 |
| 051 | 007 | 60 | 22 | 76 | 884 | 50 0 | 23 | 45 | | | | | 02 | 2 |
| 053 | 077 | 88983 | 26 | 31 | 947 | 09996 | 26 | 37 | | | | | 03 | 9 |
| 055 | 101 | 50 | | | | | | | | | | | 03 | 9 |
| 062 | | | | | 853 | 58 0 | 27 | 21 | 386 | 52**0 | 22 | 6 | 02 | 2 |
| 063 | 017 | 93991 | 33 | 48 | 872 | 06991 | 33 | 54 | 393 | 98990 | | | 03 | 9 |
| 123 | 226 | 68783 | | | 180 | 91011 | | | | | | | 03 | 1 |
| 127 | 154 | 84990 | | | 045 | 05995 | | | | | | | 03 | 9 |
| 134 | 173 | 84992 | | | 059 | 05995 | | | | | | | 03 | 9 |
| 144 | 094 | 94990 | 27 | 33 | 954 | 04994 | | | 424 | 01994 | | | 03 | 9 |
| 223 | 226 | 68 | | | 180 | 91 | | | | | | | 02 | 9 |
| 235 | 183 | 77 | | | 106 | 95 | | | 640 | 98*** | | | 02 | 9 |
| 360 | 921 | 93969 | | | 186 | 97998 | | | | | | | 03 | 8 |
| 01 | | | | | | | | | | | | | | |
| 001 | 899 | 96991 | | | | | | | | | | | 03 | 8 |
| 030 | 925 | 95 7 | | | | | | | | | | | 03 | 5 |
| 384 | 931 | 93984 | | | | | | | | | | | 03 | 8 |
| 415 | 929 | 96998 | | | 193 | 95997 | | | | | | | 03 | 8 |
| 02 | | | | | | | | | | | | | | |
| 057 | 101 | 43 | | | | | | | | | | | 03 | 8 |
| 077 | 935 | 95990 | 20 | 15 | 198 | 02992 | 26 | 4 | | | | | 03 | 5 |
| 084 | 930 | 93986 | | | 195 | 97997 | | | 650 | 00990 | | | 03 | 8 |
| 03 | | | | | | | | | | | | | | |
| 005 | 001 | 45 0 | | | | | | | | | | | 02 | 6 |
| 026 | 995 | 43 0 | 28 | 22 | | | | | | | | | 02 | 2 |
| 171 | 101 | 43 | | | | | | | | | | | 02 | 7 |
| 476 | 009 | 57 0 | | | | | | | | | | | 02 | 2 |
| 743 | 028 | 58 0 | 77 | 1 | | | | | | | | | 02 | 2 |
| 917 | 010 | 45 0 | 33 | 35 | 901 | 55 0 | 30 | 38 | 413 | 44**0 | 26 | 18 | 02 | 2 |
| 953 | 095 | 67 0 | | | 974 | 35 0 | | | 444 | 38**0 | | | 03 | 2 |
| 04 | | | | | | | | | | | | | | |
| 202 | 943 | 98998 | 19 | 28 | 938 | 91993 | 26 | 7 | | | | | 03 | 1 |
| 231 | 978 | 93993 | 20 | 30 | 850 | 98996 | 21 | 16 | 338 | ***** | | | 03 | 1 |
| 270 | 011 | 95990 | | | 866 | 03990 | | | | | | | 03 | 1 |
| 339 | 990 | 93 | 30 | 70 | | | | | | | | | 03 | 1 |
| 06 | | | | | | | | | | | | | | |
| 260 | 942 | 91 | | | | | | | | | | | 03 | 8 |
| 447 | 377 | 90 3 | | | 027 | 02 0 | | | 592 | 01**7 | | | 03 | 8 |
| 610 | 450 | 90 1 | 30 | 45 | 110 | 00 1 | 28 | 35 | | | | | 05 | 5 |
| 07 | | | | | | | | | | | | | | |
| 110 | 948 | 90 7 | 29 | 72 | 211 | 10 4 | 29 | 44 | 649 | 08**0 | 29 | 34 | 02 | 5 |
| 145 | 941 | 98 1 | | | 208 | 11 7 | | | 645 | 05**4 | | | 02 | 8 |

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## SIGNIFICANT LEVELS

| Index No. iii | 1st. 5th. etc. Level PPP | TTTTT ddx | 2nd. 6th. etc. Level PPP | TTTTT ddx | 3rd. 7th. etc. Level PPP | TTTTT ddx | 4th. 8th. etc. Level PPP | TTTTT ddx | Hour GG | Code Type |
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| 635 | | | | | | | | | | |
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| 671 | 013 | 20180 | 895 | 14125 | 867 | 14116 | 800 | 10076 | 03 | 1 |
| 744 | 001 | 21181 | 959 | 15139 | 920 | | | | 04 | 1 |
| 778 | 004 | 21198 | 972 | 18262 | 824 | 12093 | 793 | 09099 | 05 | 1 |
| 808 | 008 | 24187 | 858 | 18154 | 780 | 14092 | 727 | 12516 | 03 | 1 |
| 827 | 008 | 23226 | 933 | 14140 | 897 | 15135 | 743 | 05545 | 03 | 1 |
| 60 | | | | | | | | | | |
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| 390 | 013 | 16103 | 000 | 22194 | 991 | 24182 | 960 | 24154 | 02 | 5 |
| 570 | 928 | 30518 | 881 | 29537 | 868 | 26555 | 788 | 18621 | 02 | 5 |
| 61 | | | | | | | | | | |
| 642 | 009 | 25231 | 973 | 22193 | 899 | 22126 | 774 | 17086 | 07 | 8 |
| 62 | | | | | | | | | | |
| 053 | 003 | 04500 | 982 | 67590 | 910 | 59490 | 873 | 59440 | 02 | 7 |
| 366 | 005 | 20171 | 960 | 18175 | 836 | 17602 | 756 | 14994 | 03 | 5 |
| 70 | | | | | | | | | | |
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| 133 | 015 | 08056 | 752 | 03004 | 675 | 53585 | 624 | 55571 | 03 | 1 |
| 200 | 021 | 04049 | 962 | 01003 | 925 | 06042 | 866 | 10551 | 03 | 1 |
| 204 | 019 | 04039 | 983 | 03022 | 957 | 06045 | 912 | 14501 | 03 | 1 |
| 219 | 023 | 20083 | 964 | 13074 | 810 | 06001 | 803 | 06531 | 03 | 1 |
| 231 | 008 | 23075 | 800 | 05014 | 748 | 02592 | 630 | 57622 | 03 | 1 |
| 261 | 002 | 19089 | 784 | 01526 | 768 | 03543 | 717 | 51555 | 03 | 1 |
| 273 | | | | | | | | | | |
| 291 | 959 | 15052 | 911 | 12015 | 800 | 04018 | 580 | 59644 | 04 | 1 |
| 350 | | | | | | | | | | |
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| 816 | 995 | 15128 | 934 | 20177 | 766 | 15044 | 816 | 12845 | 03 | 1 |
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| 037 | 021 | 26212 | 869 | 16126 | 612 | 01563 | 594 | 00653 | 03 | 9 |
| 041 | 023 | 18162 | 023 | 18152 | 985 | 14**9 | 950 | 18131 | 02 | 8 |
| 051 | 021 | 54 | | | | | | | 02 | 2 |
| 053 | 010 | 10100 | 936 | 07069 | 923 | 09073 | 805 | 08076 | 03 | 9 |
| 055 | 000 | 06054 | 954 | 02004 | 862 | 06034 | 813 | 03014 | 03 | 9 |
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| 123 | 009 | 24235 | 975 | 13080 | 739 | 15081 | 644 | 07503 | 03 | 1 |
| 127 | 020 | 27282 | 685 | 05995 | 640 | 04993 | 588 | 51512 | 03 | 9 |
| 134 | 024 | 18159 | 864 | 07068 | 842 | 04589 | 828 | 12616 | 03 | 9 |
| 144 | 027 | 11227 | 962 | 12116 | 813 | 05042 | 787 | 01522 | 03 | 9 |
| 223 | 009 | 24 | 795 | 13 | 739 | 15*** | 644 | 07*** | 02 | 9 |
| 235 | 016 | 16 | 920 | 09 | 595 | 53*** | 401 | 68*** | 02 | 9 |
| 360 | 017 | 10098 | 810 | 03012 | 738 | 51555 | 660 | 56577 | 03 | 8 |
| 01 | | | | | | | | | | |
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| 415 | 013 | 14117 | 982 | 14099 | 941 | 12063 | 921 | 13063 | 03 | 8 |
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| 026 | 018 | 53440 | | | | | | | 02 | 2 |
| 171 | 016 | 52500 | 012 | 53500 | 860 | 39380 | 757 | 27200 | 02 | 7 |
| 476 | 013 | 57530 | | | | | | | 03 | 2 |
| 743 | 003 | 52500 | | | | | | | 02 | 2 |
| 917 | 013 | 52470 | 820 | 02 | 625 | 12860 | 610 | 12880 | 02 | 2 |
| 953 | 025 | 55 0 | 826 | 32 0 | 807 | 38**0 | 563 | 14**0 | 03 | 2 |
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# RADIOSONDE AND RAWINSONDE DATA.

## SIGNIFICANT LEVELS

| Index No. iii | 1st. 5th. etc. Level PPP | TTTTT ddx | 2nd. 6th. etc. Level PPP | TTTTT ddx | 3rd. 7th. etc. Level PPP | TTTTT ddx | 4th. 8th. etc. Level PPP | TTTTT ddx | Hour GG | Code Type |
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| 279 | | | | | | | | | | |
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| 967 | 400 | 67997 | | | | | | | 03 | 1 |
| 972 | 558 | 53713 | 528 | 52737 | | 67991 | 268 | 90990 | 04 | 1 |
| 91 | | | | | | | | | | |
| 066 | 715 | 12025 | 687 | 09014 | 650 | 16567 | 620 | 04542 | 03 | 1 |
| 115 | 788 | 16007 | 716 | 10034 | 696 | 10534 | 638 | 05997 | 03 | 1 |
| 182 | 561 | 51991 | 524 | 55720 | 400 | 70778 | 318 | 83933 | 03 | 1 |
| 215 | 723 | 09592 | 691 | 09632 | 400 | 66995 | 257 | 90990 | 03 | 1 |
| 366 | 375 | 03581 | 534 | 51581 | 482 | 54709 | 400 | 63990 | 03 | 1 |
| 413 | | | | | | | | | | |
| 98 | | | | | | | | | | |
| 327 | 487 | 54997 | 400 | 63993 | 235 | 91991 | 101 | 55*** | 05 | 1 |
| 645 | 604 | 02624 | 566 | 50574 | 547 | 50676 | 417 | 64764 | 03 | 8 |
| QLL | | OCEAN STA | | | | | | | | |
| 034 | 559 | 58674 | 533 | 61662 | | | 320 | 88955 | 03 | 9 |
| 035 | 461 | 65815 | 427 | 70791 | 400 | 72867 | 340 | 83903 | 03 | 9 |
| 037 | 545 | 54687 | 528 | 55753 | 400 | 70990 | 472 | 71997 | 03 | 9 |
| 041 | 927 | 18111 | 820 | 10012 | | | | | 02 | 8 |
| 051 | | | | | | | | | 02 | 2 |
| 053 | 627 | 54591 | 598 | 55706 | 565 | 56679 | 557 | 57764 | 03 | 9 |
| 055 | 786 | 03005 | 747 | 03501 | 605 | 58637 | | 68761 | 03 | 9 |
| 062 | | 47 0 | 292 | 47 0 | 258 | 58**0 | 232 | 59**0 | 02 | 2 |
| 063 | 318 | 89989 | 228 | 07991 | 187 | 01990 | | | 03 | 9 |
| 123 | 587 | 04525 | 435 | 55634 | 413 | 58653 | 267 | 73883 | 03 | 1 |
| 127 | 518 | 56692 | 468 | 61711 | 400 | 69785 | 260 | 90998 | 03 | 9 |
| 134 | 815 | 13612 | 749 | 09577 | 668 | 06662 | 400 | 68998 | 03 | 9 |
| 144 | 765 | 03585 | 744 | 02675 | 730 | 02675 | 578 | 59624 | 03 | 9 |
| 223 | 587 | 04 | 435 | 55 | 413 | 58*** | 267 | 73*** | 02 | 9 |
| 235 | 241 | 87 | 164 | 50 | 083 | 98*** | 069 | 96*** | 02 | 9 |
| 360 | 576 | 63644 | 400 | 80837 | 240 | 04*** | 132 | 95*** | 03 | 8 |
| 01 | | | | | | | | | | |
| 001 | 750 | 54577 | 642 | 61674 | 400 | 859*6 | 370 | 89959 | 03 | 8 |
| 030 | 520 | 67737 | 400 | 80842 | 250 | 05**8 | | | 03 | 5 |
| 384 | 731 | 00521 | 712 | 00508 | 690 | 51551 | 666 | 51580 | 03 | 8 |
| 415 | 905 | 11045 | 880 | 10019 | 655 | 55559 | 400 | 79801 | 03 | 8 |
| 02 | | | | | | | | | | |
| 057 | 620 | 04635 | 319 | 89979 | | | | | 03 | 8 |
| 077 | 488 | 68771 | 358 | 85938 | 238 | 04994 | 135 | 98994 | 03 | 5 |
| 084 | 658 | 52582 | 380 | 52876 | 239 | 03999 | 220 | 04991 | 03 | 8 |
| 03 | | | | | | | | | | |
| 005 | 722 | 28040 | 515 | 56770 | 470 | 97740 | | | 02 | 6 |
| 026 | | | | | | | | | | |
| 171 | 747 | 28200 | 475 | 85830 | 408 | 74660 | | 42**0 | 02 | 7 |
| 476 | | | | | | | | | | |
| 743 | | | | | | | | | | |
| 917 | 303 | 45 0 | 272 | 52 0 | 127 | 48**0 | 055 | 42**0 | 02 | 2 |
| 953 | 517 | 14 0 | 230 | 41 0 | 190 | 33**0 | 119 | 41**0 | 03 | 2 |
| 04 | | | | | | | | | | |
| 202 | 723 | 57696 | 644 | 62761 | 400 | 85917 | 373 | 90952 | 03 | 1 |
| 231 | 483 | 70991 | 400 | 80919 | 332 | 90990 | 240 | 02991 | 03 | 1 |
| 270 | 835 | 04014 | 800 | 04034 | 745 | 02020 | 580 | 63642 | 03 | 1 |
| 339 | 516 | 68 | 478 | 73 | 450 | 72*** | 400 | 79*** | 03 | 1 |
| 06 | | | | | | | | | | |
| 260 | 732 | 04001 | 685 | 53581 | 534 | 61659 | 468 | 69753 | 03 | 8 |
| 447 | 680 | 01550 | 487 | 70734 | 420 | 72804 | 207 | 07**5 | 03 | 8 |
| 610 | 749 | 05528 | 716 | 04566 | 618 | 52668 | 532 | 61726 | 05 | 5 |
| 07 | | | | | | | | | | |
| 110 | 780 | 05512 | 740 | 03583 | 720 | 03574 | 680 | 01606 | 02 | 5 |
| 145 | | | | | | | | | | |

JULY 5

# RADIOSONDE AND RAWINSONDE DATA

| Index No. iii | Station Name | 1000 mb. hhh | TTTTT ddx | dd | ff | 850 mb. hhh | TTTTT ddx | dd | ff | 700 mb. hhh | TTTTT ddx | dd | ff | 500 mb. hhh | TTTTT ddx | dd | ff | Hour GG | Code Type |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 190 | STRASBOURG | 143 | | | | 590 | 13057 | | | 237 | 03545 | | | 868 | 63721 | | | 02 | 8 |
| 480 | LYON | 143 | | | | 550 | 16082 | | | 151 | 04535 | | | 804 | 63724 | | | 02 | 8 |
| 510 | BORDEAUX | 160 | 18138 | 33 | 4 | 570 | 16044 | 28 | 14 | 188 | 08565 | 23 | 29 | 858 | 62754 | 30 | 24 | 02 | 5 |
| 645 | NIMES | 162 | 18185 | 07 | 2 | 560 | 17102 | 29 | 12 | 178 | 07011 | 28 | 16 | 853 | 62703 | 30 | 23 | 02 | 5 |
| | BLOCK 08 | | | | | | | | | | | | | | | | | | |
| 521 | FUNCHAL | 151 | 20158 | | | 544 | 1955 | | | 182 | 10623 | | | 899 | 55735 | | | 14 | 8 |
| 536 | PORTELA | 152 | 28131 | | | 589 | 20037 | | | 223 | 07508 | | | *** | ***** | | | 14 | 8 |
| | BLOCK 10 | | | | | | | | | | | | | | | | | | |
| 338 | HANNOVER | 042 | 65550 | 19 | 15 | 495 | 53340 | 23 | 13 | 016 | 36110 | 25 | 10 | 876 | 01770 | 27 | 16 | 02 | 2 |
| 384 | TEMPELHOF | 141 | 16137 | 23 | 3 | 515 | 09056 | 26 | 9 | 099 | 50612 | 27 | 6 | 718 | 64712 | 28 | 18 | 03 | 5 |
| 419 | ISERLOHN | | | | | 500 | 58460 | 20 | 16 | 026 | 39240 | 26 | 11 | *** | ***** | | | 02 | 2 |
| 633 | WIESBADEN | 134 | 14126 | 00 | | 524 | 13075 | 24 | 6 | 127 | 04994 | 27 | 17 | 784 | 64734 | 28 | 17 | 03 | 5 |
| 866 | MUNCHEN RIEM | 157 | 99999 | 99 | 99 | 533 | 12041 | 09 | 6 | 132 | 03631 | 31 | 14 | 778 | 64729 | 31 | 20 | 03 | 5 |
| | BLOCK 11 | | | | | | | | | | | | | | | | | | |
| 030 | TULLN | 155 | | | | 517 | 08061 | 35 | 6 | 092 | 51578 | 01 | 11 | *** | ***** | | | 03 | 5 |
| 567 | PRAHA KBELY | 151 | | | | 520 | 11095 | | | 113 | 00518 | | | 771 | 62722 | | | 05 | 5 |
| | BLOCK 16 | | | | | | | | | | | | | | | | | | |
| 240 | ROMA CIAMPINO | 170 | 17227 | | | 530 | 21203 | | | 124 | 01570 | | | 608 | 63991 | | | 02 | 8 |
| | BLOCK 17 | | | | | | | | | | | | | | | | | | |
| 606 | NICOSIA | | | | | 492 | 65480 | 16 | 6 | 027 | 52070 | 25 | 13 | 927 | 19750 | 23 | 28 | 14 | 2 |
| | BLOCK 40 | | | | | | | | | | | | | | | | | | |
| 427 | BAHREIN | | | | | 272 | 90160 | 05 | 6 | 030 | 64210 | 10 | 8 | 933 | 23050 | 11 | 20 | 14 | 2 |
| 648 | HABBANIYA | 011 | 72390 | | | 477 | 75370 | 31 | 38 | 023 | 59050 | 32 | 13 | 929 | 32685 | 20 | 18 | 02 | 2 |
| | BLOCK 42 | | | | | | | | | | | | | | | | | | |
| 182 | NEW DELHI | 505 | | | | 143 | 24190 | | | 310 | 11*** | | | 582 | 54*** | | | 15 | 8 |
| 339 | JODHPUR | 501 | | | | 144 | 24180 | | | 311 | 13060 | | | 585 | 53620 | | | 15 | 8 |
| 475 | BAMRAULI AL | 502 | | | | 141 | 22210 | | | 308 | 15130 | | | 588 | 03510 | | | 15 | 8 |
| 867 | NAGPUR | 501 | | | | 143 | 20170 | | | 308 | 10080 | | | 580 | 55*** | | | 14 | 8 |
| 909 | VERAVAL | 002 | 29250 | | | 144 | 19160 | | | 311 | 14020 | | | 587 | 51620 | | | 14 | 8 |
| | BLOCK 43 | | | | | | | | | | | | | | | | | | |
| 063 | POONA | 003 | | | | 145 | 19160 | | | 310 | 12510 | | | 583 | 52*** | | | 14 | 8 |
| 149 | VIZAGAPATAM | 000 | | | | 143 | 22180 | | | 311 | 12110 | | | 588 | 50500 | | | 14 | 8 |
| 279 | MADRAS | 004 | 28250 | | | 147 | 20150 | | | 312 | 09070 | | | 585 | 55*** | | | 15 | 8 |
| 371 | TRIVANDRUM | 008 | 26240 | | | 150 | 18150 | | | 309 | ***** | | | 584 | 57*** | | | 15 | 8 |
| | BLOCK 45 | | | | | | | | | | | | | | | | | | |
| 007 | KAI TAK | 010 | 26260 | | | 152 | 20130 | | | 317 | 11530 | | | 591 | 51**0 | | | 22 | 8 |
| | BLOCK 47 | | | | | | | | | | | | | | | | | | |
| 212 | ZINSEN | 016 | 27131 | | | 476 | 15068 | | | 020 | 05531 | | | 903 | 62685 | | | 03 | 1 |
| 401 | WAKKANAI | 034 | 17145 | | | 483 | 13101 | | | 009 | 04022 | | | 885 | 58614 | | | 03 | 1 |
| 412 | SAPPORO DCMO | 002 | 24231 | | | 486 | 15155 | | | 017 | 06061 | | | 894 | 59595 | | | 05 | 1 |
| 580 | MISAWA | 035 | 23168 | 09 | 6 | 495 | 16071 | 24 | 6 | 027 | 07998 | 10 | 1 | 778 | 57753 | 32 | 8 | 03 | 1 |
| 590 | SENDAI DCMO | 038 | 18168 | | | 487 | 10035 | | | 007 | 00599 | | | 871 | 64784 | | | 03 | 1 |
| 600 | WAJIMA | 033 | 22182 | | | 489 | 14093 | | | 014 | 07523 | | | 903 | 56683 | | | 03 | 1 |
| 635 | NAGOYA | 034 | 23197 | 15 | 6 | 489 | 12119 | 14 | 14 | 016 | 07045 | | | 101 | 55*** | | | 03 | 1 |
| 671 | TOKYO | 041 | 22171 | 11 | 4 | 499 | 12097 | 18 | 9 | 028 | 07571 | 20 | 8 | 920 | ***** | | | 04 | 1 |
| 744 | YONAGO | 007 | 22200 | | | 459 | 18141 | | | 989 | 99999 | | | 864 | 00523 | | | 03 | 1 |
| 808 | ITAZUKE | 101 | 45 | | | | | | | *** | ***** | | | *** | ***** | | | 03 | 1 |
| 827 | KAGOSHIMA | 092 | 25223 | 22 | 20 | 462 | 14139 | 25 | 12 | 040 | 08070 | 22 | 32 | 884 | 52529 | | | 03 | 1 |
| | BLOCK 60 | | | | | | | | | | | | | | | | | | |
| 390 | M BLANCHE | 140 | 21187 | 00 | | 580 | 19072 | 02 | 10 | 202 | 07589 | 34 | 19 | 866 | 62765 | 32 | 23 | 02 | 5 |
| 715 | TUNIS | 147 | 21193 | | | 550 | 16519 | | | 163 | 06618 | | | 828 | 62810 | | | 02 | 8 |
| | BLOCK 61 | | | | | | | | | | | | | | | | | | |
| 642 | DAKAR OUAKAM | 117 | 26242 | | | 560 | 24176 | | | 242 | 18142 | | | 011 | 54585 | | | 07 | 8 |
| | BLOCK 62 | | | | | | | | | | | | | | | | | | |
| 011 | WHEELUS FLD | 136 | 22154 | 00 | | 547 | 17039 | 03 | 5 | 119 | 09992 | 03 | 12 | 805 | 03021 | | | 03 | 4 |
| 053 | BENINA | 048 | 65600 | | | 503 | 58430 | | | 034 | 40230 | | | 912 | 12830 | | | 02 | 7 |
| 366 | FAROUK | 104 | 19107 | 34 | 4 | 486 | 17553 | 01 | 24 | 140 | 11197 | 00 | | 857 | 54994 | 24 | 9 | 03 | 1 |
| | BLOCK 70 | | | | | | | | | | | | | | | | | | |
| 026 | BARROW | 016 | 00514 | 26 | 18 | 438 | 53546 | 30 | 24 | 936 | 59623 | 28 | 33 | 774 | 72871 | 28 | 71 | 03 | 1 |
| 133 | KOTZEBUE | 039 | 03031 | | | 474 | 06061 | | | 994 | 01003 | | | 860 | 63687 | | | 04 | 1 |
| 200 | NOME | 050 | 03028 | 26 | 14 | 489 | 12533 | 28 | 27 | 014 | 02626 | 30 | 26 | 880 | 64784 | 28 | 31 | 03 | 1 |
| 204 | GAMBELL | 046 | 03013 | | | 490 | 12621 | | | 014 | 03649 | | | 883 | 64750 | | | 04 | 1 |
| 219 | BETHEL | 055 | 16068 | 30 | 13 | 502 | 09577 | 29 | 13 | 023 | 01601 | 30 | 13 | 892 | 64720 | | | 03 | 1 |
| 231 | MCGRATH | 042 | 22064 | 31 | 11 | 495 | 10521 | 27 | 15 | 016 | 02997 | 30 | 26 | 885 | 62734 | 30 | 36 | 03 | 1 |
| 261 | FRBNKS WEEKS | 032 | | | | 473 | 04019 | | | 985 | 51539 | | | 846 | 64701 | | | 04 | 1 |
| 273 | ANCH MERRILL | 042 | 21081 | 28 | 4 | 496 | 10008 | 33 | 9 | 016 | 00593 | 35 | 29 | 885 | 64671 | 34 | 26 | 03 | 1 |
| 291 | NORTHWAY | 034 | | | | 480 | 05017 | 31 | 20 | 992 | 54561 | | | 850 | 64689 | | | 03 | 1 |
| 350 | KODIAK | 101 | 40 | | | | | | | *** | ***** | | | *** | ***** | | | 03 | 1 |
| 361 | YAKUTAT | 038 | 09077 | 25 | 8 | 485 | 08524 | 33 | 1 | 001 | 51648 | | | *** | ***** | | | 03 | 1 |
| 381 | JUNEAU | 030 | 22071 | 32 | 4 | 484 | 09025 | 34 | 5 | 001 | 52574 | 35 | 12 | 850 | 69991 | 36 | 12 | 03 | 1 |
| 398 | ANNETTE IS | 101 | 43 | | | | | | | *** | ***** | | | *** | ***** | | | 03 | 1 |
| 409 | MASSACRE BAY | 101 | 59 | | | | | | | *** | ***** | | | *** | ***** | | | 03 | 1 |
| 439 | AMCHITKA | 101 | 42 | | | | | | | *** | ***** | | | *** | ***** | | | 03 | 1 |
| 454 | LONGVIEW | 053 | 09094 | 10 | 6 | 499 | 13072 | 29 | 10 | 026 | 05994 | 29 | 13 | 906 | 57995 | 25 | 20 | 03 | 1 |
| 485 | FORT GLENN | 101 | 43 | | | | | | | | | | | *** | ***** | | | 03 | 1 |
| | BLOCK 72 | | | | | | | | | | | | | | | | | | |
| 202 | MIAMI | 045 | 27231 | 12 | 5 | 510 | 18092 | 03 | 10 | 046 | 08038 | 05 | 9 | 937 | 55613 | 03 | 22 | 03 | 1 |
| 208 | CHARLESTON | 048 | 25235 | 11 | 7 | 512 | 17151 | 13 | 16 | 051 | 09047 | 10 | 13 | 944 | 53999 | 06 | 10 | 03 | 1 |
| 211 | TAMPA | 046 | 26217 | 31 | 5 | 514 | 19125 | 02 | 6 | 053 | 09039 | | | 946 | 56603 | | | 03 | 1 |
| 219 | ATLANTA | 048 | | | | 517 | 19152 | 07 | 10 | 056 | 09065 | 04 | 11 | 951 | 54686 | 12 | 11 | 03 | 1 |
| 231 | NEW ORLEANS | 047 | 27234 | 19 | 9 | 511 | 19066 | 22 | 7 | 050 | 09507 | 22 | 5 | 943 | 54998 | 15 | 8 | 03 | 1 |
| 240 | LAKE CHARLES | 042 | 25239 | | | 508 | 18129 | | | 047 | 09040 | | | 942 | 54991 | | | 03 | 1 |
| 250 | BROWNSVILLE | 031 | 27244 | 14 | 17 | 499 | 20110 | 17 | 22 | 038 | 09027 | 18 | 18 | 931 | 54991 | 15 | 11 | 03 | 1 |
| 253 | SAN ANTONIO | 032 | | | | 499 | 19132 | 19 | 16 | 039 | 09043 | 19 | 16 | 931 | 54596 | 20 | 8 | 03 | 1 |
| 265 | BIG SPRING | 017 | | | | 492 | 22149 | 14 | 17 | 032 | 08052 | 19 | 3 | 923 | 54999 | 24 | 2 | 03 | 1 |
| 270 | EL PASO | 002 | | | | 487 | 27097 | 14 | 16 | 038 | 12037 | 19 | 9 | 930 | 58625 | 07 | 10 | 03 | 1 |
| 278 | PHOENIX | 012 | | | | 493 | 25081 | 01 | 6 | 041 | 10012 | 23 | 8 | 924 | 58997 | 24 | 14 | 03 | 1 |
| 304 | HATTERAS | 053 | 24215 | 18 | 9 | 515 | 17089 | 19 | 7 | 050 | 08536 | 36 | 4 | 942 | 54993 | 01 | 4 | 03 | 1 |
| 317 | GREENSBORO | 050 | | | | 518 | 18151 | 00 | | 058 | 09519 | 32 | 8 | 951 | 53992 | 07 | 13 | 03 | 1 |
| 327 | NASHVILLE | 046 | | | | 516 | 18166 | 18 | 9 | 054 | 09046 | 19 | 6 | 948 | 55661 | 18 | 8 | 03 | 1 |
| 340 | LITTLE ROCK | 037 | 25254 | 14 | 8 | 502 | 17153 | 15 | 15 | 041 | 11071 | 19 | 16 | 936 | 55591 | 16 | 16 | 03 | 1 |
| 353 | OKLAHOMA CTY | 032 | | | | 498 | 19147 | 18 | 11 | 037 | 09040 | 28 | 9 | 928 | 56603 | 34 | 12 | 03 | 1 |
| 365 | ALBUQUERQUE | 504 | | | | 483 | | | | 036 | 14018 | 24 | 3 | 930 | 57581 | 17 | 10 | 03 | 1 |
| 386 | LAS VEGAS | 010 | | | | 483 | 23592 | | | 026 | 10501 | | | 909 | 60713 | | | 03 | 1 |
| 394 | SANTA MARIA | 037 | 12092 | 28 | 11 | 489 | 19553 | 34 | 5 | 028 | 09647 | 28 | 5 | 914 | 58993 | 31 | 20 | 03 | 1 |
| 405 | WASHINGTON | 046 | 27211 | | | 513 | 20044 | | | 052 | 09564 | | | 942 | 55740 | | | 03 | 1 |
| 445 | COLUMBIA | 038 | | | | 504 | 18152 | 16 | 13 | 042 | 10052 | 14 | 14 | 938 | 55616 | 15 | 20 | 03 | 1 |
| 451 | DODGE CITY | 023 | | | | 494 | 22143 | 16 | 18 | 037 | 11512 | 03 | 4 | 935 | 53629 | 05 | 14 | 03 | 1 |
| 476 | GRAND JUNC | 024 | | | | 493 | 18158 | 09 | 4 | 034 | 09033 | 19 | 16 | 924 | 56602 | | | 03 | 1 |
| 486 | ELY | 013 | | | | 482 | | | | 026 | 10018 | 19 | 13 | 909 | 61690 | 21 | 23 | 03 | 1 |
| 493 | OAKLAND | 040 | 10078 | 25 | 14 | 488 | 15568 | 26 | 7 | 021 | 08990 | 29 | 7 | 899 | 61994 | 30 | 19 | 03 | 1 |
| 506 | NANTUCKET | 030 | 23207 | 25 | 19 | 498 | 20116 | 29 | 32 | 037 | 08040 | 28 | 22 | 922 | 55719 | 29 | 23 | 03 | 1 |
| 518 | ALBANY | 028 | 26197 | 27 | 12 | 494 | 18137 | 30 | 36 | 032 | 07067 | 29 | 50 | 916 | 56597 | | | 03 | 1 |
| 520 | PITTSBURGH | 044 | | | | 516 | 20124 | 33 | 7 | 055 | 08519 | 30 | 2 | 944 | 55991 | | | 03 | 1 |
| 528 | BUFFALO | 040 | | | | 506 | 18131 | 29 | 31 | 043 | 07538 | 29 | 42 | 926 | 55688 | | | 03 | 1 |
| 534 | CHICAGO | 039 | | | | 513 | 20147 | 21 | 4 | 052 | 09577 | 22 | 7 | 947 | 53994 | 08 | 4 | 03 | 1 |
| 536 | TOLEDO | 041 | | | | 514 | 20138 | 23 | 3 | 054 | 10583 | 04 | 4 | 948 | 54721 | | | 03 | 1 |
| 553 | OMAHA | 030 | | | | 500 | 20131 | 17 | 16 | 039 | 10527 | 16 | 10 | 932 | 56647 | 14 | 11 | 03 | 1 |
| 562 | N PLATTE | 015 | | | | 488 | 24142 | 19 | 26 | 035 | 13551 | 12 | 3 | 929 | 56705 | 24 | 4 | 03 | 1 |
| 576 | LANDER | 014 | | | | 482 | | | | 027 | 10044 | 24 | 4 | 916 | 57635 | 22 | 21 | 03 | 1 |
| 597 | MEDFORD | 026 | | | | 486 | 15052 | 30 | 14 | 014 | 05587 | 22 | 10 | 886 | 62993 | 25 | 11 | 03 | 1 |
| 600 | SABLE ISLAND | 020 | 15154 | | | 481 | 18025 | | | 018 | 06501 | | | 895 | 60691 | | | 03 | 1 |
| 606 | PORTLAND | 021 | 24202 | 28 | 3 | 486 | 18113 | 28 | 24 | 021 | 07036 | 27 | 27 | 906 | 56588 | | | 03 | 1 |
| 655 | ST CLOUD | 029 | | | | 498 | 21136 | 20 | 24 | 040 | 12517 | 20 | 18 | 935 | 55996 | 23 | 23 | 03 | 1 |
| 662 | RAPID CITY | 017 | | | | 485 | 22111 | 06 | 7 | 031 | 12056 | 24 | 20 | 926 | 56614 | 22 | 33 | 03 | 1 |
| 681 | BOISE | 501 | | | | 480 | 24008 | 15 | 39 | 022 | 09565 | 13 | 27 | 897 | 63687 | | | 03 | 1 |
| 712 | CARIBOU | 055 | | | | 472 | 11039 | 31 | 26 | 995 | 02503 | 26 | 56 | 862 | 63997 | 28 | 62 | 03 | 1 |
| 734 | SAULT MARIE | 047 | | | | 504 | 14084 | 36 | 8 | 036 | 07999 | 31 | 20 | 924 | 58678 | 30 | 30 | 03 | 1 |
| 747 | INTL FALLS | 050 | | | | 506 | 15061 | 10 | 10 | 038 | 07578 | 36 | 10 | 921 | 57585 | 25 | 39 | 03 | 1 |
| 764 | BISMARCK | 036 | | | | 493 | 16145 | 12 | 17 | 030 | 08061 | 24 | 14 | 917 | 58992 | 24 | 26 | 03 | 1 |
| 768 | GLASGOW | 042 | | | | 492 | 11087 | 12 | 41 | 024 | 07526 | 07 | 17 | 907 | 58686 | | | 03 | 1 |
| 775 | GREAT FALLS | 014 | | | | 481 | 18068 | 02 | 12 | 016 | 08513 | 16 | 6 | 892 | 61684 | 25 | 20 | 03 | 1 |
| 785 | SPOKANE | 014 | | | | 482 | 20010 | 22 | 12 | 016 | 06524 | 22 | 21 | 888 | 62775 | 22 | 43 | 03 | 1 |
| 798 | TATOOSH IS | 046 | 11096 | 25 | 9 | 485 | 05023 | 26 | 10 | 002 | 00691 | 23 | 19 | 866 | 64708 | 23 | 32 | 03 | 1 |
| 815 | STEPHENVILLE | 007 | 22095 | 00 | | 456 | 10516 | 28 | 30 | 974 | 51993 | 28 | 82 | 830 | 66996 | | | 03 | 1 |
| 816 | GOOSE | 514 | | | | 428 | 04001 | 30 | 17 | 942 | 45740 | | | 784 | 71688 | | | 03 | 1 |
| 826 | NITCHEQUON | 001 | | | | 433 | 00520 | | | 938 | 56584 | | | 779 | 72774 | | | 03 | 1 |
| 836 | MOOSONEE | 049 | 12067 | | | 492 | 05514 | | | 007 | 01695 | | | 869 | 65845 | | | 03 | 1 |
| 867 | THE PAS | 032 | | | | 476 | 09518 | | | 995 | 00579 | | | 862 | 62699 | | | 03 | 1 |
| 879 | EDMONTON | 015 | | | | 481 | 18061 | 13 | 17 | 013 | 06994 | 18 | 8 | 879 | 65801 | 24 | 15 | 03 | 1 |
| 896 | PRINCE GEORG | 028 | | | | 477 | 08019 | 33 | 10 | 994 | 52549 | 16 | 20 | 842 | 69714 | 19 | 37 | 03 | 1 |
| 906 | FT CHIMO | 528 | | | | 410 | 03026 | | | 919 | 55572 | | | 863 | 69476 | | | 03 | 1 |
| 907 | PORT HARRISN | 006 | 03021 | | | 434 | 01014 | | | 943 | 55553 | | | 784 | 72758 | | | 03 | 1 |
| 909 | UP FROBISHER | 003 | | | | 428 | 11513 | 10 | 35 | 937 | 52537 | 08 | 38 | 789 | 67686 | 09 | 16 | 03 | 1 |
| 913 | CHURCHILL | 056 | 12053 | 32 | 4 | 495 | 03006 | 30 | 17 | 004 | 55681 | 31 | 17 | 850 | 69999 | 30 | 16 | 03 | 1 |
| 915 | CORAL HARBOR | 028 | 07027 | | | 460 | 00563 | | | 966 | 56600 | | | 811 | 71990 | | | 03 | 1 |
| 917 | EUREKA | 022 | 05501 | 15 | 10 | 452 | 53566 | 17 | 5 | 948 | 60691 | 22 | 1 | 775 | 77881 | 18 | 5 | 03 | 1 |
| 918 | ARCTIC BAY | 032 | 04515 | | | 463 | 00600 | | | 965 | 60691 | | | 716 | 72776 | | | 03 | 1 |
| 924 | RESOLUTE | 029 | 00524 | 17 | 10 | 457 | 00583 | 23 | 14 | 960 | 58602 | 28 | 15 | 795 | 72752 | 30 | 34 | 03 | 1 |
| 926 | BAKER LAKE | 050 | 12053 | | | 492 | 02548 | | | 995 | 57636 | | | 827 | 75811 | | | 03 | 1 |
| 934 | FT SMITH | 041 | | | | 492 | 07034 | | | 006 | 54573 | | | 852 | 68995 | | | 03 | 1 |
| 938 | COPPERMINE | 101 | 59 | | | | | | | *** | ***** | | | *** | ***** | | | 03 | 1 |
| 945 | FORT NELSON | 032 | | | | 479 | 07035 | | | 996 | 51536 | | | 846 | 67759 | | | 03 | 1 |
| 964 | WHITEHORSE | 022 | | | | 482 | 11517 | 31 | 12 | 998 | 52574 | 32 | 13 | 849 | 69791 | 01 | 16 | 03 | 1 |
| 968 | AKLAVIK | 020 | 06028 | | | 453 | 00533 | | | 958 | 54584 | | | 808 | 67796 | | | 03 | 1 |
| | BLOCK 74 | | | | | | | | | | | | | | | | | | |
| 043 | NORMAN WELLS | 021 | | | | 475 | 11521 | | | 993 | 52573 | | | 843 | 68751 | | | 03 | 1 |
| 072 | MOULD BAY | 507 | | | | 417 | 01583 | | | 922 | 55581 | | | 760 | 73772 | | | 03 | 1 |
| 074 | ISACHSEN | 010 | 01014 | | | 438 | 50502 | | | 944 | 55577 | | | 782 | 71997 | | | 03 | 1 |
| 090 | CLYDE RIVER | 025 | 02513 | 33 | 2 | 451 | 53552 | 06 | 5 | 956 | 57602 | 31 | 3 | 794 | 71991 | 33 | 15 | 03 | 1 |
| 109 | PORT HARDY | 046 | 10084 | | | 486 | 04001 | | | 996 | 99999 | | | 844 | 68778 | | | 03 | 1 |
| 188 | MINGAN L PT | 080 | | | | 424 | 05545 | 29 | 43 | 036 | 54656 | | | 782 | 69996 | | | 04 | 1 |
| | BLOCK 76 | | | | | | | | | | | | | | | | | | |
| 458 | MAZATLAN | 288 | 28223 | | | 595 | 19551 | | | 034 | 09045 | | | 926 | 56635 | | | 02 | 1 |
| 491 | C VICTORIA | 018 | | | | 492 | 21105 | | | 034 | 08528 | | | 926 | 55995 | | | 02 | 1 |
| 644 | MERIDA | 021 | 27237 | | | 510 | 20154 | | | 051 | 08118 | | | 943 | 54673 | | | 03 | 1 |
| 679 | TACUBAYA | 094 | | | | 488 | | | | 036 | 10075 | | | 929 | 55593 | | | 03 | 1 |
| | BLOCK 78 | | | | | | | | | | | | | | | | | | |
| 016 | KINDLEY FLD | 054 | 22195 | 19 | 9 | 509 | 12086 | 18 | 9 | 036 | 03526 | 11 | 10 | 904 | 63722 | 11 | 7 | 03 | 1 |
| 325 | HAVANA C B | 045 | 26229 | 09 | 5 | 511 | 18131 | 08 | 5 | 050 | 09006 | 05 | 13 | *** | ***** | | | 03 | 1 |
| 395 | VERNAM FIELD | 043 | 25526 | 04 | 6 | 510 | 20112 | 09 | 18 | 049 | 09536 | 09 | 13 | 941 | 56626 | 09 | 3 | 03 | 1 |
| 501 | SWAN ISLAND | 038 | 26237 | | | 504 | 18158 | | | 045 | 10566 | | | 934 | 55697 | | | 03 | 1 |
| 525 | SAN JUAN | 048 | 25211 | 14 | 6 | 511 | 16126 | 13 | 17 | 046 | 08596 | 13 | 19 | *** | ***** | | | 03 | 1 |
| 741 | MANAGUA | 101 | 42 | | | | | | | *** | ***** | | | *** | ***** | | | 03 | 1 |
| 967 | CHAGUARAMAS | 041 | 22214 | | | 492 | 15132 | | | *** | 08045 | | | 924 | 56676 | | | 03 | 1 |
| 972 | WALLER FIELD | 042 | 23230 | 08 | 18 | 503 | 16148 | 09 | 20 | 039 | 00025 | 12 | 19 | 927 | 56611 | 10 | 19 | 03 | 1 |
| | BLOCK 91 | | | | | | | | | | | | | | | | | | |
| 066 | MIDWAY ISL | 060 | 24198 | 08 | 18 | 520 | 14121 | 10 | 15 | 050 | 06512 | 08 | 17 | 932 | 57722 | 05 | 34 | 03 | 1 |
| 115 | IWO JIMA | 043 | 29219 | | | 510 | 19143 | | | *** | 12533 | | | 950 | **995 | | | 03 | 1 |
| 182 | HONOLULU | 044 | 22199 | 07 | 11 | 501 | 12103 | 11 | 14 | 031 | 08599 | 15 | 12 | 919 | 58741 | 19 | 14 | 03 | 1 |
| 215 | HARMON FLD | 031 | 31213 | 10 | 10 | 487 | 18117 | 10 | 15 | 035 | 10002 | 10 | 19 | 924 | 55664 | 09 | 24 | 03 | 1 |
| 245 | WAKE ISLAND | 045 | 26218 | 07 | 17 | 508 | 16143 | 09 | 23 | 050 | 08054 | 07 | 17 | 933 | 59238 | 12 | 27 | 03 | 1 |
| 366 | KWAJALEIN | 101 | 43 | | | | | | | *** | ***** | | | *** | ***** | | | 03 | 1 |
| 413 | YAP | 030 | 30244 | 09 | 9 | 502 | 17111 | 12 | 15 | 033 | 08524 | | | 926 | 56993 | | | 03 | 1 |
| | BLOCK 98 | | | | | | | | | | | | | | | | | | |
| 327 | CLARK FIELD | 034 | | | | 503 | 18137 | 09 | 9 | 043 | 11521 | 09 | 21 | 939 | 52993 | 09 | 22 | 03 | 1 |
| 645 | CEBU | 034 | 29245 | | | 502 | 17145 | | | 036 | 09032 | | | 928 | 56582 | | | 03 | 8 |
| QLL | OCEAN STA | | | | | | | | | | | | | | | | | | |
| 034 | 0 355 400 | 072 | 22185 | 30 | 12 | 528 | 14094 | 30 | 12 | 056 | 03532 | 29 | 13 | 926 | 62700 | 31 | 13 | 03 | 9 |
| 035 | 0 340 520 | 070 | 23193 | 21 | 11 | 529 | 14102 | 24 | 11 | 058 | 04005 | 23 | 20 | *** | ***** | | | 03 | 9 |
| 037 | 0 360 700 | 059 | 24208 | | | 521 | 15108 | 23 | 10 | 055 | 08552 | 27 | 5 | 944 | 52999 | 29 | 9 | 03 | 9 |
| 044 | 0 450 450 | 047 | 17174 | 21 | 20 | 500 | 11114 | 23 | 16 | 024 | 93536 | 24 | 16 | 876 | 64990 | 28 | 23 | 03 | 9 |
| 051 | 0 538 187 | 065 | 54530 | 21 | 17 | 505 | 42420 | 26 | 17 | 021 | 32320 | 29 | 37 | 879 | 04820 | | | 02 | 2 |
| 053 | 0 527 355 | 052 | 13134 | 19 | 13 | 500 | 09099 | 24 | 26 | 021 | 50594 | 24 | 26 | 885 | 62995 | 24 | 16 | 03 | 9 |
| 055 | 0 565 510 | 514 | | | | 425 | 04517 | 25 | 30 | 940 | 00646 | 22 | 42 | 804 | 83803 | 22 | 42 | 03 | 9 |
| 062 | 0 598 196 | 053 | 48400 | 25 | 15 | 480 | 32300 | 24 | 19 | 996 | 30060 | 26 | 22 | 826 | 08790 | 28 | 30 | 02 | 2 |
| 063 | 0 620 330 | 029 | 07061 | 18 | 23 | 465 | 03036 | 18 | 13 | 977 | 53544 | 23 | 23 | 826 | 68721 | 25 | 37 | 03 | 9 |
| 134 | 1 300 400 | 070 | 17147 | 04 | 17 | 519 | 11031 | 06 | 13 | 048 | 07599 | 01 | 8 | 936 | 56994 | 32 | 6 | 03 | 9 |
| 144 | 1 490 480 | 059 | 09097 | | | 501 | 07074 | | | 020 | 50515 | | | 878 | 65687 | | | 03 | 9 |
| 223 | 2 290 345 | 030 | 23 | | | 488 | 19 | | | 034 | 14*** | | | 933 | 51*** | | | 02 | 1 |
| 235 | 2 390 530 | 041 | 16 | | | 492 | 08 | | | 017 | 04*** | | | 908 | 57*** | | | 03 | 9 |
| 246 | 2 440 650 | 055 | 14101 | 15 | 16 | 402 | 08034 | 19 | 25 | 023 | 01504 | 24 | 41 | 886 | 64733 | 23 | 45 | 03 | 9 |
| 360 | 3 660 020 | 109 | 08087 | 00 | | 435 | 02016 | 16 | 12 | 981 | 56570 | 18 | 18 | 531 | 73741 | 19 | 29 | 03 | 5 |

# RADIOSONDE AND RAWINSONDE DATA— Continued

| Index No. iii | 300 mb. hhh | TTTTT ddx | dd | ff | 200 mb. hhh | TTTTT ddx | dd | ff | 100 mb. hhh | TTTTT ddx | dd | ff | Hour GG | Code Type |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 190 | 954 | 92 1 | | | 218 | 05 7 | | | 659 | 08**1 | | | 02 | 8 |
| 480 | 947 | 91 7 | | | | | | | | | | | 02 | 8 |
| 510 | 951 | 93 1 | 29 | 38 | 214 | 07 7 | 29 | 50 | 649 | 11**1 | | | 02 | 5 |
| 645 | 956 | 89967 | 31 | 28 | 225 | 03 7 | 30 | 35 | 665 | 10**0 | | | 02 | 5 |
| 08 | | | | | | | | | | | | | | |
| 521 | 970 | 8395 | | | 242 | 05990 | | | 665 | 17995 | | | 14 | 8 |
| 536 | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | |
| 338 | 073 | 56 0 | 26 | 27 | 941 | 38 0 | 26 | 35 | 410 | 33**0 | 29 | 10 | 03 | 2 |
| 384 | 938 | 91998 | 28 | 31 | 202 | 03998 | 30 | 25 | 693 | 03995 | 33 | 11 | 03 | 5 |
| 419 | 106 | 62440 | 25 | 33 | | | | | | | | | 02 | 2 |
| 633 | 949 | 90993 | 28 | 48 | 214 | 97991 | | | 679 | 93992 | | | 03 | 5 |
| 866 | 944 | 92992 | 30 | 34 | 208 | 03997 | 32 | 57 | | | | | 03 | 5 |
| 11 | | | | | | | | | | | | | | |
| 030 | 101 | 43 | | | | | | | | | | | 03 | 5 |
| 567 | 945 | 92996 | | | 211 | 99994 | | | | | | | 05 | 5 |
| 16 | | | | | | | | | | | | | | |
| 240 | 441 | 90955 | | | | | | | | | | | 02 | 8 |
| 17 | | | | | | | | | | | | | | |
| 606 | 171 | 76430 | 22 | 60 | 081 | 43 0 | 23 | 60 | 493 | 06**0 | 08 | 86 | 14 | 2 |
| 40 | | | | | | | | | | | | | | |
| 427 | 204 | 87460 | 11 | 43 | 413 | 47 0 | 11 | 28 | 530 | 94**0 | 09 | 37 | 14 | 2 |
| 648 | 203 | 84440 | 26 | 21 | 122 | 47 0 | 25 | 30 | 327 | 01**0 | 10 | 29 | 02 | 2 |
| 42 | | | | | | | | | | | | | | |
| 182 | 980 | 74 | | | 250 | 97 | | | | | | | 15 | 8 |
| 339 | 975 | 76 | | | 252 | 02 | | | | | | | 15 | 8 |
| 475 | 984 | 71 | | | | | | | | | | | 15 | 8 |
| 867 | 965 | 78 | | | | | | | | | | | 14 | 8 |
| 909 | 101 | 43 | | | | | | | | | | | 14 | 8 |
| 43 | | | | | | | | | | | | | | |
| 063 | 960 | 77 | | | | | | | | | | | 14 | 8 |
| 149 | 980 | 74 | | | | | | | | | | | 14 | 8 |
| 279 | 971 | 76 | | | | | | | | | | | 15 | 8 |
| 371 | 962 | 81 | | | | | | | | | | | 15 | 8 |
| 45 | | | | | | | | | | | | | | |
| 007 | 101 | 50 | | | | | | | | | | | 22 | 8 |
| 47 | | | | | | | | | | | | | | |
| 212 | 101 | 47 | | | | | | | | | | | 03 | 1 |
| 401 | 127 | 82990 | | | 023 | 00997 | | | 488 | 98994 | | | 03 | 1 |
| 412 | 132 | 83992 | | | 043 | 93997 | | | 535 | 03990 | | | 05 | 1 |
| 580 | 156 | 82998 | 28 | 17 | | | | | | | | | 03 | 1 |
| 590 | 077 | 89992 | | | 962 | 01993 | | | 447 | 98992 | | | 03 | 1 |
| 600 | 143 | 79990 | | | 065 | 95990 | | | | | | | 03 | 1 |
| 635 | 101 | 43 | | | | | | | | | | | 03 | 1 |
| 671 | 101 | 50 | | | | | | | | | | | 04 | 1 |
| 744 | 104 | 68748 | | | 028 | 88993 | | | | | | | 03 | 1 |
| 808 | 101 | 45 | | | | | | | | | | | 03 | 1 |
| 827 | 159 | 73722 | | | 088 | 95993 | | | 475 | 13990 | | | 03 | 1 |
| 60 | | | | | | | | | | | | | | |
| 390 | 955 | 93110 | 34 | 26 | | | | | | | | | 02 | 5 |
| 715 | 528 | 88 | | | | | | | | | | | 02 | 8 |
| 61 | | | | | | | | | | | | | | |
| 642 | 983 | 81991 | | | 258 | 01 4 | | | | | | | 07 | 8 |
| 62 | | | | | | | | | | | | | | |
| 011 | 101 | 42 | | | | | | | | | | | 03 | 4 |
| 053 | 139 | 74440 | | | | | | | | | | | 02 | 7 |
| 366 | 101 | 43 | | | | | | | | | | | 03 | 5 |
| 70 | | | | | | | | | | | | | | |
| 026 | 948 | 90995 | | | | 996 | | | | | | | 03 | 1 |
| 133 | 070 | 90996 | | | 944 | 04999 | | | 444 | 96990 | | | 04 | 1 |
| 200 | 079 | 92990 | 28 | 42 | | 946 | | | | | | | 03 | 1 |
| 204 | 090 | 91996 | | | | | | | | | | | 04 | 1 |
| 219 | 100 | 92990 | | | 961 | 10998 | | | | | | | 03 | 1 |
| 231 | 097 | 90996 | 31 | 30 | | | | | | | | | 03 | 1 |
| 261 | 048 | 92990 | | | 906 | 06996 | | | | | | | 04 | 1 |
| 273 | | | | | | | | | | | | | 03 | 1 |
| 291 | 055 | 92990 | | | 911 | 07999 | | | 400 | 97992 | | | 03 | 1 |
| 350 | 101 | 40 | | | | | | | | | | | 03 | 1 |
| 361 | 041 | 04999 | 04 | 65 | 899 | | | | | | | | 03 | 1 |
| 381 | 027 | 97994 | 30 | 17 | 892 | 95995 | | | 407 | 95995 | | | 03 | 1 |
| 398 | 101 | 43 | | | | | | | | | | | 03 | 1 |
| 409 | 101 | 59 | | | | | | | | | | | 03 | 1 |
| 439 | 101 | 42 | | | | | | | | | | | 03 | 1 |
| 454 | 146 | 82905 | | | 044 | 98999 | | | 542 | 96994 | | | 03 | 1 |
| 485 | 101 | 43 | | | | | | | | | | | 03 | 1 |
| 72 | | | | | | | | | | | | | | |
| 202 | 191 | 82995 | 05 | 40 | 085 | 04995 | 04 | 35 | | | | | 03 | 1 |
| 208 | 196 | 82995 | 05 | 20 | 091 | 04997 | 01 | 20 | 454 | ***** | | | 03 | 1 |
| 211 | 198 | 82947 | | | 094 | 04992 | | | | | | | 03 | 1 |
| 219 | 202 | 82892 | | | 094 | 05992 | | | 461 | 19999 | | | 03 | 1 |
| 231 | 198 | 81997 | 09 | 5 | 095 | 04992 | 03 | 19 | | | | | 03 | 1 |
| 240 | 194 | 81897 | | | 088 | 05993 | | | 450 | ***** | | | 03 | 1 |
| 250 | 185 | 82990 | 15 | 28 | 081 | 04995 | 11 | 29 | 442 | 27990 | | | 03 | 1 |
| 253 | 190 | 80904 | 20 | 10 | 093 | 01998 | 16 | 8 | 469 | 24992 | 11 | 28 | 03 | 1 |
| 265 | 173 | 82990 | 31 | 11 | 068 | 04990 | 25 | 16 | | | | | 03 | 1 |
| 270 | 101 | 50 | | | | | | | | | | | 03 | 1 |
| 278 | 162 | 84952 | | | 047 | 06993 | | | | | | | 03 | 1 |
| 304 | 186 | 84997 | 32 | 13 | 074 | 05995 | | | 439 | ***** | | | 03 | 1 |
| 317 | 205 | 82992 | 35 | 22 | 101 | 03992 | 31 | 15 | 481 | ***** | | | 03 | 1 |
| 327 | 195 | 82929 | 28 | 3 | 089 | 04993 | 29 | 12 | 472 | ***** | | | 03 | 1 |
| 340 | 188 | 81861 | 20 | 22 | 088 | 02999 | 23 | 25 | 471 | 21998 | 29 | 12 | 03 | 1 |
| 353 | 181 | 82924 | 29 | 30 | 077 | 02990 | 31 | 19 | | | | | 03 | 1 |
| 365 | 175 | 81996 | 23 | 16 | 072 | 03998 | 20 | 24 | | | | | 03 | 1 |
| 386 | 135 | 87991 | | | 015 | 04992 | | | 421 | 15992 | | | 03 | 1 |
| 394 | 140 | 88992 | 31 | 32 | 017 | | | | | | | | 03 | 1 |
| 405 | 188 | 81944 | | | 088 | 03992 | | | | | | | 03 | 1 |
| 445 | 189 | 81851 | 17 | 23 | 090 | 01990 | 20 | 24 | 489 | 19998 | | | 03 | 1 |
| 451 | 191 | 81941 | | | | | | | | | | | 03 | 1 |
| 476 | 101 | 50 | | | | | | | | | | | 03 | 1 |
| 486 | 132 | 87994 | | | 015 | 04994 | | | | | | | 03 | 1 |
| 493 | 115 | 89995 | 31 | 35 | 987 | 08990 | 29 | 25 | 425 | 10994 | 18 | 4 | 03 | 1 |
| 506 | 171 | 81928 | | | 411 | | | | | | | | 03 | 1 |
| 518 | 804 | 81916 | | | 064 | 04993 | | | 452 | ***** | | | 03 | 1 |
| 520 | 187 | 84903 | | | 081 | 04990 | | | 456 | 15999 | | | 03 | 1 |
| 528 | 175 | 82869 | | | 067 | 04995 | | | 441 | ***** | | | 03 | 1 |
| 534 | 195 | 83997 | | | 089 | 04993 | | | 471 | 18997 | | | 03 | 1 |
| 536 | 198 | 83996 | | | 090 | 04990 | | | | | | | 03 | 1 |
| 553 | 177 | 82996 | | | 069 | 05997 | | | | | | | 03 | 1 |
| 562 | 177 | 82990 | | | 072 | 03995 | | | 462 | 19993 | | | 03 | 1 |
| 576 | 158 | 85951 | | | 044 | 05990 | | | 444 | ***** | | | 03 | 1 |
| 597 | 099 | 89991 | 28 | 19 | 972 | 07995 | 25 | 20 | 419 | 06992 | 21 | 16 | 03 | 1 |
| 600 | 128 | 85937 | | | 017 | 03990 | | | 449 | ***** | | | 03 | 1 |
| 606 | 150 | 84872 | | | 038 | 06992 | | | 431 | ***** | | | 03 | 1 |
| 655 | 184 | 81995 | 25 | 35 | 085 | 02994 | 29 | 27 | 478 | ***** | | | 03 | 1 |
| 662 | 174 | 82853 | 24 | 33 | 068 | 05996 | 24 | 42 | | | | | 03 | 1 |
| 681 | 111 | 89932 | | | 982 | 05992 | | | 410 | 10998 | | | 03 | 1 |
| 712 | 083 | 87996 | | | 970 | 03998 | | | 410 | ***** | | | 03 | 1 |
| 734 | 168 | 82997 | 29 | 80 | 068 | 01993 | | | | | | | 03 | 1 |
| 747 | 164 | 83877 | 26 | 47 | 056 | 05993 | 25 | 76 | 458 | ***** | | | 03 | 1 |
| 764 | 158 | 83946 | 24 | 23 | 046 | 04999 | 27 | 58 | 455 | ***** | | | 03 | 1 |
| 768 | 139 | 86971 | | | 021 | 05990 | | | | | | | 03 | 1 |
| 775 | 114 | 88936 | 21 | 45 | 989 | 07997 | | | 406 | 11990 | | | 03 | 1 |
| 785 | 101 | 90991 | | | | | | | | | | | 03 | 1 |
| 798 | 071 | 89995 | 22 | 65 | 950 | 04995 | 22 | 58 | | | | | 03 | 1 |
| 815 | | | | | | | | | | | | | 03 | 1 |
| 816 | 101 | 43 | | | | | | | | | | | 03 | 1 |
| 826 | 949 | 93990 | | | 853 | 90997 | | | | | | | 03 | 1 |
| 836 | 089 | 83989 | | | 990 | 95991 | | | | | | | 03 | 1 |
| 867 | 078 | 86999 | | | 967 | 01995 | | | | | | | 03 | 1 |
| 879 | 079 | 92998 | 22 | 33 | 942 | 04991 | 23 | 56 | 422 | 02998 | 22 | 48 | 03 | 1 |
| 896 | 023 | 93997 | 20 | 60 | 891 | 04990 | | | 399 | 96993 | | | 03 | 1 |
| 906 | 954 | 88933 | | | 882 | 88998 | | | | | | | 03 | 1 |
| 907 | 944 | 00900 | | | 833 | 93997 | | | 340 | 00990 | | | 03 | 1 |
| 909 | 980 | 93999 | 12 | 32 | 830 | | | | | | | | 03 | 1 |
| 913 | 022 | 97992 | 26 | 20 | 891 | 96996 | 20 | 38 | 391 | 98999 | 28 | 20 | 03 | 1 |
| 915 | 977 | 00990 | | | 850 | 94993 | | | 373 | 95997 | | | 03 | 1 |
| 917 | 934 | 93998 | 32 | 10 | 828 | 91996 | 31 | 5 | 351 | 93993 | | | 03 | 1 |
| 918 | 956 | 00995 | | | 826 | 95991 | | | | | | | 03 | 1 |
| 924 | 969 | 95999 | 30 | 37 | 839 | 96990 | 30 | 21 | | | | | 03 | 1 |
| 926 | 990 | 94995 | | | | | | | | | | | 03 | 1 |
| 934 | 043 | 96996 | | | | | | | | | | | 03 | 1 |
| 938 | 101 | 59 | | | | | | | 477 | 89990 | | | 03 | 1 |
| 945 | 035 | 93993 | | | 928 | 90995 | | | | | | | 03 | 1 |
| 964 | 033 | 96991 | 03 | 47 | 879 | 99999 | | | | | | | 03 | 1 |
| 968 | 003 | 92990 | | | 901 | 90992 | | | | | | | 03 | 1 |
| 74 | | | | | | | | | | | | | | |
| 043 | 031 | 95997 | | | 897 | 97991 | | | 418 | 93993 | | | 03 | 1 |
| 072 | 928 | 94998 | | | 822 | 90995 | | | 376 | ***** | | | 03 | 1 |
| 074 | 953 | 95992 | | | 941 | 91990 | | | 391 | 89993 | | | 03 | 1 |
| 090 | 962 | 98991 | 28 | 27 | 837 | 98996 | 27 | 17 | 398 | 94995 | 27 | 10 | 03 | 1 |
| 109 | 049 | 86944 | | | 952 | 91991 | | | 482 | 96991 | | | 03 | 1 |
| 188 | 101 | 50 | | | | | | | | | | | 04 | 1 |
| 76 | | | | | | | | | | | | | | |
| 458 | 170 | 82919 | | | 062 | 07992 | | | | | | | 02 | 1 |
| 491 | 174 | 84990 | | | 068 | 04996 | | | | | | | 02 | 1 |
| 644 | 194 | 82893 | | | 092 | 03994 | | | | | | | 03 | 1 |
| 679 | 180 | 82869 | | | 076 | 05990 | | | | | | | 03 | 1 |
| 78 | | | | | | | | | | | | | | |
| 016 | 116 | 89991 | 05 | 28 | 992 | 06997 | 04 | 42 | | | | | 03 | 1 |
| 325 | | | | | | | | | | | | | | |
| 395 | 191 | 81997 | 24 | 6 | 092 | 01994 | 26 | 8 | | | | | 03 | 1 |
| 501 | 190 | 80925 | | | 093 | 02992 | | | 467 | ***** | | | 03 | 1 |
| 525 | | | | | | | | | | | | | | |
| 741 | 101 | 42 | | | | | | | | | | | 03 | 1 |
| 967 | 163 | 85874 | | | | | | | | | | | 03 | 1 |
| 972 | 171 | 83840 | 11 | 11 | 065 | 995 | 23 | 10 | 435 | 16995 | 13 | 14 | 03 | 1 |
| 91 | | | | | | | | | | | | | | |
| 066 | | | | | | | | | 526 | 21996 | | | 03 | 1 |
| 115 | 216 | 597 | | | 135 | 99992 | | | 425 | 14993 | 16 | 22 | 03 | 1 |
| 182 | | 87953 | 20 | 22 | 028 | 08995 | 24 | 32 | 433 | ***** | | | 03 | 1 |
| 215 | 158 | 81994 | 05 | 17 | 057 | 02996 | 36 | 23 | | | | | | |
| 245 | | | | | | | | | | | | | 03 | 1 |
| 366 | 101 | 43 | | | | | | | | | | | 03 | 1 |
| 413 | 169 | 83998 | | | 052 | 77994 | | | | | | | | |
| 98 | | | | | | | | | | | | | | |
| 327 | 206 | 77993 | 07 | 7 | 126 | 95997 | 09 | 7 | 462 | 25997 | | | 03 | 1 |
| 645 | 187 | 79836 | | | 094 | 50990 | | | | | | | 03 | 8 |
| QLL | | OCEAN STA | | | | | | | | | | | | |
| 034 | 144 | 88979 | 33 | 39 | 019 | 08997 | 34 | 16 | 437 | 13994 | | | 03 | 9 |
| 035 | 101 | 50 | | | | | | | | | | | 03 | 9 |
| 037 | 194 | 82998 | 01 | 15 | 088 | 05996 | | | | | | | 03 | 9 |
| 044 | 070 | 98990 | 25 | 23 | 933 | 07990 | 34 | 60 | 380 | ***** | | | 05 | 9 |
| 051 | 080 | 59 0 | 38 | 63 | | | | | | | | | 02 | 2 |
| 053 | 092 | 91992 | 26 | 35 | 955 | 09993 | 24 | 49 | | | | | 03 | 9 |
| 055 | 016 | 91990 | 22 | 58 | 897 | 00991 | | | | | | | 03 | 9 |
| 062 | 068 | 63530 | 27 | 34 | | | | | | | | | 02 | 2 |
| 063 | 008 | 95998 | 27 | 34 | 881 | 98999 | 25 | 16 | 369 | 00990 | 23 | 9 | 03 | 9 |
| 134 | 175 | 85990 | 24 | 38 | 059 | 07992 | | | 437 | ***** | | | 03 | 9 |
| 144 | 078 | 91999 | | | 939 | 06994 | | | 403 | 01995 | | | 03 | 9 |
| 223 | 322 | 67 | | | 216 | 80 | | | | | | | 02 | 1 |
| 235 | 188 | 79 | | | | | | | | | | | 03 | 9 |
| 246 | 087 | 92990 | | | | | | | | | | | 03 | 9 |
| 360 | 910 | 96996 | 18 | 57 | 178 | 93990 | 19 | 27 | | | | | 03 | 5 |

# RADIOSONDE AND RAWINSONDE DATA
## SIGNIFICANT LEVELS

| Index No. iii | 1st. 5th. etc. Level PPP | TTTTT ddx | 2nd. 6th. etc. Level PPP | TTTTT ddx | 3rd. 7th. etc. Level PPP | TTTTT ddx | 4th. 8th. etc. Level PPP | TTTTT ddx | Hour GG | Code Type |
|---|---|---|---|---|---|---|---|---|---|---|
| 190 | 999 | 13111 | 980 | 19141 | 960 | 19145 | 824 | 11021 | 02 | 8 |
| 480 | 994 | 16118 | 965 | 19131 | 920 | 20131 | 878 | 48115 | 02 | 8 |
| 510 | 014 | 14101 | 975 | 23167 | 895 | 19053 | 817 | 14005 | 02 | 5 |
| 645 | 012 | 19194 | 965 | 17161 | 940 | 20171 | 915 | 19157 | 02 | 5 |
| 08 | | | | | | | | | | |
| 521 | 011 | 2418 | 905 | 14134 | 882 | 13112 | 866 | 19557 | 14 | 8 |
| 536 | 008 | 28133 | 925 | 28044 | 616 | 50521 | 574 | 52545 | 14 | 8 |
| 10 | | | | | | | | | | |
| 338 | 090 | 59540 | 987 | 71530 | 741 | 36170 | 703 | 36110 | 02 | 2 |
| 384 | 011 | 17133 | 930 | 15074 | 825 | 07046 | 772 | 04642 | 03 | 5 |
| 419 | 986 | 63500 | | | | | | | 02 | 2 |
| 633 | 000 | 14126 | 971 | 19111 | 951 | 17109 | 928 | 19094 | 03 | 5 |
| 866 | 957 | 11081 | 936 | 18136 | 832 | 10034 | 775 | 09590 | 03 | 5 |
| 11 | | | | | | | | | | |
| 030 | 998 | 09084 | 950 | 14104 | 759 | 01014 | 664 | 53644 | 03 | 5 |
| 567 | 984 | 12109 | 930 | 17139 | 675 | 00528 | 552 | 55691 | 05 | 5 |
| 16 | | | | | | | | | | |
| 240 | 008 | 18100 | 928 | 16093 | 896 | 10584 | 776 | 60996 | 02 | 8 |
| 17 | | | | | | | | | | |
| 606 | 985 | 84600 | 965 | 76560 | 760 | 60220 | 740 | 44170 | 14 | 2 |
| 40 | | | | | | | | | | |
| 427 | 996 | 90730 | 972 | 89640 | 944 | 99510 | 919 | 99160 | 14 | 2 |
| 648 | 999 | 72390 | | | | | | | 02 | 2 |
| 42 | | | | | | | | | | |
| 182 | 972 | 36190 | 963 | 36190 | 730 | 13100 | 585 | 01*** | 15 | 8 |
| 339 | 975 | 35210 | 875 | 25190 | 665 | 09070 | 614 | 07020 | 15 | 8 |
| 475 | | | | | | | | | | |
| 867 | 965 | 27250 | 250 | 87 | | | | | 14 | 8 |
| 909 | 001 | 29250 | 979 | 28240 | 917 | 20200 | 768 | 15110 | 14 | 8 |
| 43 | | | | | | | | | | |
| 063 | 942 | 26200 | 750 | 14030 | 715 | 14500 | 590 | 01*** | 14 | 8 |
| 149 | 995 | 27240 | 950 | 25220 | 825 | 21170 | 262 | 81*** | 14 | 8 |
| 279 | 003 | 28250 | 931 | 26180 | 725 | 12080 | 556 | 01560 | 15 | 8 |
| 371 | 002 | 26240 | 825 | 15140 | 585 | 00000 | 350 | 76*** | 15 | 8 |
| 45 | | | | | | | | | | |
| 007 | 011 | 27250 | 950 | 24230 | 900 | 22180 | 800 | 17050 | 22 | 8 |
| 47 | | | | | | | | | | |
| 212 | 001 | 27316 | 635 | 03540 | 218 | 88899 | 101 | 48*** | 03 | 1 |
| 401 | 012 | 17157 | 935 | 13116 | 621 | 00507 | 391 | 68713 | 03 | 1 |
| 412 | 009 | 24231 | 944 | 21203 | 923 | 18182 | 764 | 09096 | 05 | 1 |
| 580 | 008 | 23177 | 950 | 22151 | 790 | 11613 | 754 | 11990 | 03 | 1 |
| 590 | 009 | 07079 | 976 | 15133 | 667 | 00624 | 635 | 53674 | 03 | 1 |
| 600 | 007 | 23194 | 888 | 16113 | 711 | 07626 | 568 | 00618 | 03 | 1 |
| 635 | 010 | 24209 | | | | | | | 03 | 1 |
| 671 | 014 | 23172 | 942 | 18147 | 925 | 18137 | 841 | 12081 | 04 | 1 |
| 744 | 002 | 22200 | 933 | 21181 | 760 | 14096 | | | 03 | 1 |
| 808 | | | | | | | | | | |
| 827 | 003 | 25236 | 909 | 18187 | 824 | 14139 | 600 | 18008 | 03 | 1 |
| 60 | | | | | | | | | | |
| 390 | 014 | 16148 | 980 | 28201 | 954 | 28172 | 870 | 20101 | 02 | 5 |
| 715 | 017 | 19185 | 000 | 21193 | 935 | 11169 | 905 | 19173 | 02 | 8 |
| 61 | | | | | | | | | | |
| 642 | 009 | 26247 | 984 | 25217 | 839 | 24171 | 744 | 21133 | 07 | 8 |
| 62 | | | | | | | | | | |
| 011 | 015 | 20159 | 960 | 26115 | 819 | 14009 | 788 | 13561 | 03 | 4 |
| 053 | 002 | 65610 | 985 | 67610 | 862 | 60410 | 819 | 53400 | 02 | 7 |
| 366 | 004 | 19171 | 914 | 12117 | 894 | 15081 | 880 | 13045 | 03 | 5 |
| 70 | | | | | | | | | | |
| 026 | 005 | 00508 | 916 | 54559 | 856 | 53545 | 718 | 58601 | 03 | 1 |
| 133 | 014 | 04033 | 976 | 05058 | 400 | 74786 | 304 | 90950 | 04 | 1 |
| 200 | 018 | 05033 | 943 | 02019 | 936 | 06051 | 865 | 12565 | 03 | 1 |
| 204 | 016 | 04034 | 993 | 02011 | 953 | 09062 | 939 | 12501 | 04 | 1 |
| 219 | 019 | 21083 | 932 | 11043 | 892 | 11031 | 868 | 10582 | 03 | 1 |
| 231 | 003 | 22061 | 993 | 22064 | 906 | 14031 | 770 | 04594 | 03 | 1 |
| 261 | 996 | 11276 | 769 | 00513 | 560 | 58634 | 400 | 69771 | 04 | 1 |
| 273 | 010 | 21118 | 940 | 17016 | 684 | 51589 | 673 | 01551 | 03 | 1 |
| 291 | 952 | 12099 | 604 | 56586 | 400 | 75808 | 314 | 89954 | 03 | 1 |
| 350 | | | | | | | | | | |
| 361 | 013 | 11097 | 994 | | 980 | 0*807 | 870 | 14065 | 03 | 1 |
| 381 | 010 | 23072 | 640 | 57624 | 614 | 58706 | 528 | 66813 | 03 | 1 |
| 398 | | | | | | | | | | |
| 409 | | | | | | | | | | |
| 439 | | | | | | | | | | |
| 454 | 019 | 10083 | 966 | 18 0 | 926 | 13123 | 822 | 10036 | 03 | 1 |
| 485 | | | | | | | | | | |
| 72 | | | | | | | | | | |
| 202 | 015 | 28231 | 938 | 23206 | 867 | 19142 | 837 | 17043 | 03 | 1 |
| 208 | 015 | 25244 | 765 | 13106 | 732 | 12052 | 643 | 05002 | 03 | 1 |
| 211 | 015 | 27216 | 936 | 25139 | 666 | 07014 | 620 | 04588 | 03 | 1 |
| 219 | 983 | 25288 | 965 | 27217 | 687 | 06501 | 614 | 05555 | 03 | 1 |
| 231 | 016 | 26233 | 914 | 21176 | 748 | 14520 | 680 | 08579 | 03 | 1 |
| 240 | 014 | 25241 | 827 | 18074 | 811 | 17093 | 620 | 04529 | 03 | 1 |
| 250 | 010 | 28251 | 948 | 23217 | 898 | 23121 | 825 | 18105 | 03 | 1 |
| 253 | 984 | 25239 | 812 | 17067 | 573 | 00527 | 400 | 64748 | 03 | 1 |
| 265 | 923 | 29154 | 570 | 00643 | 506 | 54682 | 400 | 67992 | 03 | 1 |
| 270 | 878 | 30114 | 612 | 03514 | 530 | 54615 | 502 | 58621 | 03 | 1 |
| 278 | 968 | 33127 | 636 | 03513 | 556 | 55665 | 540 | 56658 | 03 | 1 |
| 304 | 018 | 25229 | 946 | 20188 | 746 | 11022 | 608 | 03683 | 03 | 1 |
| 317 | 987 | 25221 | 964 | 25216 | 610 | 04669 | 400 | 66992 | 03 | 1 |
| 327 | 996 | 28243 | 980 | 28991 | 906 | 22194 | 821 | 16155 | 03 | 1 |
| 340 | 004 | 25248 | 733 | 11094 | 722 | 12094 | 400 | 66744 | 03 | 1 |
| 353 | 967 | 24221 | 950 | 25214 | 444 | 60707 | 419 | 64692 | 03 | 1 |
| 365 | 836 | 28069 | 563 | 51547 | 487 | 58591 | 433 | 64653 | 03 | 1 |
| 386 | 932 | 28151 | 626 | 02541 | 507 | 61661 | 497 | 59757 | 03 | 1 |
| 394 | 005 | 12099 | 977 | 10088 | 931 | 15112 | 912 | 19044 | 03 | 1 |
| 405 | 013 | 27283 | 990 | 28218 | 840 | 20511 | 822 | 18074 | 03 | 1 |
| 445 | 986 | 26222 | 974 | 26217 | 803 | 14137 | 685 | 09004 | 03 | 1 |
| 451 | 922 | 26172 | 914 | 26177 | 775 | 15089 | 635 | 06514 | 03 | 1 |
| 476 | 853 | 18156 | 848 | 19151 | 720 | 11048 | 616 | 02002 | 03 | 1 |
| 486 | 808 | 16106 | 798 | 18064 | 785 | 18034 | 737 | 14086 | 03 | 1 |
| 493 | 014 | 13101 | 953 | 07069 | 940 | 09072 | 910 | 15027 | 03 | 1 |
| 506 | 009 | 21191 | 987 | 27205 | 954 | 26154 | 526 | 56586 | 03 | 1 |
| 518 | 000 | 26197 | 685 | 06051 | 400 | 65707 | | | 03 | 1 |
| 520 | 973 | 28163 | 960 | 29156 | 863 | 21139 | 801 | 16062 | 03 | 1 |
| 528 | 989 | 25204 | 880 | 19127 | 728 | 09047 | 662 | 04503 | 03 | 1 |
| 534 | 994 | 27228 | 049 | 75312 | 775 | 14091 | 745 | 12014 | 03 | 1 |
| 536 | 993 | 27198 | 980 | 30207 | 797 | 16111 | 782 | 15086 | 03 | 1 |
| 553 | 976 | 29228 | 952 | 28175 | 750 | 12069 | 736 | 12008 | 03 | 1 |
| 562 | 914 | 26181 | 905 | 27179 | 783 | 19105 | 444 | 61785 | 03 | 1 |
| 576 | 888 | 19121 | 824 | 21121 | 750 | 15046 | 610 | 02521 | 03 | 1 |
| 597 | 964 | 24066 | 772 | 08023 | 733 | 06024 | 720 | 07514 | 03 | 1 |
| 600 | 007 | 14141 | 978 | 20192 | 957 | 24181 | 925 | 23149 | 03 | 1 |
| 606 | 005 | 24203 | 936 | 24160 | 556 | 52548 | 423 | 64661 | 03 | 1 |
| 655 | 975 | 25203 | 926 | 23191 | 890 | 24136 | 765 | 15113 | 03 | 1 |
| 662 | 900 | 20141 | 889 | 23137 | 746 | 17074 | 674 | 10002 | 03 | 1 |
| 681 | 909 | 30057 | 470 | 67704 | 400 | 74809 | 295 | 90942 | 03 | 1 |
| 712 | 984 | 17132 | 980 | 19109 | 785 | 08032 | 755 | 05028 | 03 | 1 |
| 734 | 991 | 15151 | 964 | 16169 | 950 | 20207 | 830 | 15506 | 03 | 1 |
| 747 | 975 | 20138 | 953 | 23111 | 831 | 14546 | 817 | 14502 | 03 | 1 |
| 764 | 956 | 18112 | 890 | 14089 | 686 | 09061 | 613 | 03529 | 03 | 1 |
| 768 | 941 | 14118 | 893 | 11081 | 747 | 08038 | 545 | 54664 | 03 | 1 |
| 775 | 884 | 21088 | 731 | 10023 | 645 | 03542 | 558 | 56684 | 03 | 1 |
| 785 | 926 | 27041 | 650 | 01552 | 615 | 51644 | 521 | 61785 | 03 | 1 |
| 798 | 013 | 12103 | 899 | 05045 | 803 | 40003 | 664 | 51692 | 03 | 1 |
| 815 | 002 | 12095 | 932 | 16064 | 730 | 00664 | 652 | 54994 | 03 | 1 |
| 816 | 989 | 11064 | 664 | 57592 | 485 | 73741 | 400 | 82722 | 03 | 1 |
| 826 | 940 | 05039 | 920 | 53515 | 807 | 52548 | 785 | 52544 | 03 | 1 |
| 836 | 017 | 13073 | 928 | 11031 | 794 | 00538 | 754 | 02633 | 03 | 1 |
| 867 | 988 | 18088 | 970 | 19072 | 815 | 08539 | 547 | 58653 | 03 | 1 |
| 879 | 932 | 24088 | 797 | 13051 | 633 | 52613 | 584 | 55719 | 03 | 1 |
| 896 | 933 | 14074 | 603 | 60603 | 400 | 81833 | 329 | 89951 | 03 | 1 |
| 906 | 987 | 07069 | 945 | 16043 | 828 | 02028 | 605 | 62659 | 03 | 1 |
| 907 | 000 | 03021 | 964 | 00503 | 939 | 01017 | 884 | 00501 | 03 | 1 |
| 909 | 996 | 06034 | 885 | 02008 | 786 | 52525 | 640 | 00006 | 03 | 1 |
| 913 | 019 | 12077 | 967 | 11032 | 834 | 02512 | 815 | 02551 | 03 | 1 |
| 915 | 003 | 07028 | 950 | 04534 | 930 | 04554 | 865 | 00534 | 03 | 1 |
| 917 | 008 | 04501 | 997 | 06508 | 800 | 57593 | 774 | 56623 | 03 | 1 |
| 918 | 011 | 04502 | 975 | 05532 | 918 | 01587 | 890 | 02614 | 03 | 1 |
| 924 | 009 | 01503 | 973 | 02014 | 925 | 50564 | 895 | 01603 | 03 | 1 |
| 926 | 017 | 13073 | 918 | 06515 | 758 | 53585 | 724 | 56617 | 03 | 1 |
| 934 | 991 | 99077 | 600 | 61766 | 475 | 70990 | 400 | 80995 | 03 | 1 |
| 938 | | | | | | | | | | |
| 945 | 968 | 13129 | 882 | 11066 | 737 | 01509 | 673 | 55571 | 03 | 1 |
| 964 | 930 | 20026 | 910 | 17003 | 720 | 51552 | 442 | 74860 | 03 | 1 |
| 968 | 006 | 07032 | 010 | 00542 | 868 | 00536 | 795 | 51554 | 03 | 1 |
| 74 | | | | | | | | | | |
| 043 | 997 | 22075 | 682 | 54581 | 659 | 55723 | 541 | 64692 | 03 | 1 |
| 072 | 995 | 02513 | 925 | 52567 | 780 | 53584 | 768 | 52565 | 03 | 1 |
| 074 | 001 | 01014 | 952 | 50514 | 927 | 01018 | 751 | 52535 | 03 | 1 |
| 090 | 009 | 02518 | 908 | 52550 | 775 | 52550 | 668 | 59638 | 03 | 1 |
| 109 | 015 | 11107 | 967 | 08067 | 917 | 08042 | 739 | 52558 | 03 | 1 |
| 188 | 000 | 14058 | 517 | 68808 | 400 | 80992 | 101 | 65*** | 04 | 1 |
| 76 | | | | | | | | | | |
| 458 | 008 | 29838 | 964 | 24204 | 948 | 25144 | 534 | 53621 | 02 | 1 |
| 491 | 970 | 32183 | 877 | 23133 | 827 | 20081 | 764 | 15063 | 02 | 1 |
| 644 | 011 | 28833 | 933 | 26182 | 740 | 11079 | 615 | 03543 | 03 | 1 |
| 679 | 774 | 17103 | 662 | 06057 | 498 | 55596 | 460 | 59662 | 03 | 1 |
| 78 | | | | | | | | | | |
| 016 | 019 | 24196 | 971 | 19173 | 728 | 05518 | 400 | 73871 | 03 | 1 |
| 325 | 010 | 26231 | | | | | | | 03 | 1 |
| 395 | 011 | 27241 | 880 | 20167 | 836 | 20091 | 688 | 08543 | 03 | 1 |
| 501 | 012 | 27231 | 950 | 24213 | 812 | 16129 | 786 | 16534 | 03 | 1 |
| 525 | 015 | 25219 | 762 | 10068 | 735 | 10546 | | | 03 | 1 |
| 741 | | | | | | | | | | |
| 967 | 014 | 23212 | 821 | 13116 | 168 | 13103 | 600 | 02528 | 03 | 1 |
| 972 | 010 | 24238 | 907 | 14110 | 755 | 12060 | 482 | 58628 | 03 | 1 |
| 91 | | | | | | | | | | |
| 066 | 020 | 26209 | 912 | 17136 | 650 | 02601 | 600 | 01665 | 03 | 1 |
| 115 | 003 | 30225 | 898 | 20175 | 870 | 20176 | 778 | 14016 | 03 | 1 |
| 182 | | 24211 | 843 | 11107 | 747 | 08042 | 729 | 09571 | 03 | 1 |
| 215 | 004 | 31219 | 952 | 24195 | 820 | 17081 | 740 | 11057 | 03 | 1 |
| 245 | 105 | 27223 | 628 | 03531 | 615 | 02576 | 603 | 00557 | 03 | 1 |
| 366 | | | | | | | | | | |
| 413 | 008 | 31845 | 643 | 04895 | 448 | 62990 | | 63990 | 03 | 1 |
| 98 | | | | | | | | | | |
| 327 | 993 | 32221 | 890 | 21174 | 826 | 11102 | 830 | 17083 | 03 | 1 |
| 645 | 006 | 30231 | 886 | 19168 | 800 | 14110 | 541 | 50587 | 03 | 8 |
| QLL | | OCEAN | STA | | | | | | | |
| 034 | 025 | 24800 | 910 | 16132 | 864 | 14075 | 611 | 53585 | 03 | 9 |
| 035 | 024 | 25813 | 773 | 08046 | 746 | 08035 | 631 | 51551 | 03 | 9 |
| 037 | 020 | 26218 | 955 | 21186 | 796 | 13059 | 766 | 12525 | 03 | 9 |
| 044 | 016 | 17178 | 948 | 16164 | 807 | 08053 | 803 | 09071 | 03 | 9 |
| 051 | 000 | 65545 | | | | | | | 02 | 2 |
| 053 | 018 | 11102 | 986 | 15145 | 720 | 00543 | 678 | 50664 | 03 | 9 |
| 055 | 996 | 07047 | 922 | 08011 | 809 | 02529 | 726 | 02640 | 03 | 9 |
| 062 | | 440 | | | | | | | 02 | 2 |
| 063 | 010 | 07077 | 963 | 05047 | 906 | 06060 | 798 | 03022 | 03 | 9 |
| 134 | 024 | 19172 | 887 | 10091 | 869 | 11057 | 813 | 10507 | 03 | 9 |
| 144 | 011 | 10108 | 968 | 08063 | 995 | 08088 | 648 | 54588 | 03 | 9 |
| 223 | 011 | 24 | 909 | 20 | 740 | 16*** | 596 | 06*** | 02 | 1 |
| 235 | 015 | 18 | 963 | 13 | 777 | 07*** | 601 | 50*** | 03 | 9 |
| 246 | 020 | 15111 | 900 | 08065 | 840 | 08065 | 750 | 05041 | 03 | 9 |
| 360 | 013 | 09086 | 911 | 03019 | 889 | 04035 | 722 | 55553 | 03 | 5 |

# RADIOSONDE AND RAWINSONDE DATA
## SIGNIFICANT LEVELS

| Index No. iii | 1st. 5th. etc. Level PPP | TTTTT ddx | 2nd. 6th. etc. Level PPP | TTTTT ddx | 3rd. 7th. etc. Level PPP | TTTTT ddx | 4th. 8th. etc. Level PPP | TTTTT ddx | Hour GG | Code Type |
|---|---|---|---|---|---|---|---|---|---|---|
| 190 | 792 | 09001 | 745 | 05522 | 652 | 01592 | 613 | 53636 | 02 | 8 |
| 480 | 740 | 06542 | 675 | 03542 | 628 | 50582 | 579 | 55648 | 02 | 8 |
| 510 | 724 | 10548 | 560 | 56704 | 500 | 62754 | 440 | 71830 | 04 | 5 |
| 645 | 904 | 18144 | 890 | 18134 | 820 | 15089 | 797 | 12058 | 02 | 5 |
| 08 | | | | | | | | | | |
| 521 | 778 | 1459 | 470 | 57743 | 400 | 67823 | 175 | 10999 | 14 | 8 |
| 536 | | | | | | | | | | |
| 10 | | | | | | | | | | |
| 338 | 481 | 97730 | 222 | 32 0 | 181 | 44**0 | 078 | 40**0 | 02 | 2 |
| 384 | 754 | 03581 | 678 | 51664 | 657 | 53635 | 608 | 55747 | 03 | 5 |
| 419 | | | | | | | | | | |
| 633 | 768 | 06044 | 742 | 05620 | 728 | 05995 | 675 | 03634 | 03 | 5 |
| 866 | 574 | 56703 | 476 | 68786 | 400 | 76841 | 314 | 90971 | 03 | 5 |
| 11 | | | | | | | | | | |
| 030 | 625 | 56654 | 542 | 62764 | | | | | 03 | 5 |
| 567 | 258 | 01990 | 150 | 97996 | | | | | 05 | 5 |
| 16 | | | | | | | | | | |
| 240 | | 06665 | 660 | 51688 | 640 | 53838 | 636 | 54993 | 02 | 8 |
| 17 | | | | | | | | | | |
| 606 | 677 | 51960 | 453 | 10670 | 437 | 10670 | 370 | 00560 | 14 | 2 |
| 40 | | | | | | | | | | |
| 427 | 521 | 24070 | 503 | 32030 | 488 | 25820 | 420 | 12710 | 14 | 2 |
| 648 | | | | | | | | | | |
| 42 | | | | | | | | | | |
| 182 | 563 | 01 | 352 | 66 | 235 | 90*** | 166 | | 15 | 8 |
| 339 | 591 | 03500 | 491 | 54640 | 454 | 55*** | 132 | 12*** | 15 | 8 |
| 475 | | | | | | | | | | |
| 867 | | | | | | | | | | |
| 909 | 731 | 17500 | 500 | 51620 | | | | | 14 | 8 |
| 43 | | | | | | | | | | |
| 063 | 300 | 77 | | | | | | | 14 | 8 |
| 149 | | | | | | | | | | |
| 279 | 419 | 59 | 212 | 99 | | | | | 15 | 8 |
| 371 | 230 | 97 | | | | | | | 15 | 8 |
| 45 | | | | | | | | | | |
| 007 | 750 | 16500 | 650 | 07600 | 600 | 06570 | 550 | 01560 | 22 | 8 |
| 47 | | | | | | | | | | |
| 212 | | | | | | | | | | |
| 401 | 149 | 07992 | 129 | 02991 | 063 | 94997 | 101 | 58*** | 03 | 1 |
| 412 | 728 | 08073 | 603 | 51515 | 553 | 53539 | 481 | 59599 | 05 | 1 |
| 580 | 660 | 04685 | 618 | 01556 | 400 | 66998 | 260 | 90990 | 03 | 1 |
| 590 | 389 | 77893 | 176 | | | | | | 03 | 1 |
| 600 | 455 | 60738 | 341 | 77888 | 304 | 78993 | 259 | 83993 | 03 | 1 |
| 635 | | | | | | | | | | |
| 671 | 762 | 10013 | 670 | 05625 | 657 | 06674 | 626 | 02999 | 04 | 1 |
| 744 | 528 | 00527 | 440 | 54584 | 400 | 58626 | 333 | 05711 | 03 | 1 |
| 808 | | | | | | | | | | |
| 827 | 479 | 00501 | 400 | 62629 | 365 | 65653 | 230 | 02023 | 03 | 1 |
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| 390 | 820 | 17047 | 576 | 15010 | 675 | 05612 | 580 | 55701 | 02 | 5 |
| 715 | 890 | 19141 | 758 | 08554 | 723 | 08574 | 395 | 75925 | 02 | 8 |
| 61 | | | | | | | | | | |
| 642 | 668 | 16133 | 526 | 51539 | 400 | 66991 | 217 | 97**2 | 07 | 8 |
| 62 | | | | | | | | | | |
| 011 | 757 | 13990 | 515 | 58990 | 101 | 42*** | | | 03 | 4 |
| 053 | 778 | 53260 | 735 | 46800 | 712 | 48180 | 345 | 79500 | 02 | 7 |
| 366 | 862 | 17511 | 840 | 17604 | 803 | 18**4 | 480 | 54**7 | 03 | 5 |
| 70 | | | | | | | | | | |
| 026 | 663 | 59764 | 623 | 61782 | 583 | 64748 | 555 | 66811 | 03 | 1 |
| 133 | 202 | 05996 | 180 | 98991 | 020 | 91991 | | | 04 | 1 |
| 200 | 400 | 77886 | 311 | 90983 | 232 | 04995 | 210 | 04998 | 03 | 1 |
| 204 | 872 | 13621 | 654 | 00 5 | 588 | 55624 | 400 | 75894 | 04 | 1 |
| 219 | 830 | 08565 | 818 | 08643 | 769 | 06634 | 690 | 01661 | 03 | 1 |
| 231 | 730 | 04655 | 530 | 59751 | 410 | 72858 | 304 | 90990 | 03 | 1 |
| 261 | 325 | 87944 | 214 | 09997 | 185 | 03990 | | | 04 | 1 |
| 273 | 464 | 67709 | 400 | 75999 | 375 | 79996 | 101 | 68*** | 03 | 1 |
| 291 | 206 | 11990 | 184 | 00990 | 072 | 95999 | | | 03 | 1 |
| 350 | | | | | | | | | | |
| 361 | 941 | 14 2 | 935 | 13 7 | | 0*530 | | **260 | 03 | 1 |
| 381 | 400 | 82942 | 346 | 89009 | 260 | 04998 | 026 | 91995 | 03 | 1 |
| 398 | 385 | 87990 | 101 | 68 | 040 | 38*** | | | 03 | 1 |
| 409 | | | | | | | | | | |
| 439 | | | | | | | | | | |
| 454 | 792 | 10954 | 400 | 70864 | 360 | 72783 | 270 | 88923 | 03 | 1 |
| 485 | | | | | | | | | | |
| 72 | | | | | | | | | | |
| 202 | 823 | 16096 | 729 | 09068 | 663 | 07505 | 630 | 04508 | 03 | 1 |
| 208 | 625 | 04574 | 606 | 02584 | 587 | 03641 | 400 | 66993 | 03 | 1 |
| 211 | 605 | 03527 | 546 | 50605 | 490 | 57612 | 400 | 64744 | 03 | 1 |
| 219 | 560 | 00592 | 535 | 51695 | 480 | 56731 | 400 | 66990 | 03 | 1 |
| 231 | 570 | 02665 | 400 | 65995 | 173 | 12996 | | | 03 | 1 |
| 240 | 605 | 04641 | 546 | 50705 | 400 | 65999 | 376 | 68845 | 03 | 1 |
| 250 | 812 | 18048 | 744 | 18064 | 664 | 07514 | 635 | 06601 | 03 | 1 |
| 253 | 378 | 68761 | 344 | 71848 | 250 | 90963 | 110 | 24999 | 03 | 1 |
| 265 | 353 | 74859 | 313 | 79895 | 260 | 90990 | 130 | 20993 | 03 | 1 |
| 270 | 448 | 62679 | | | | | | | 03 | 1 |
| 278 | 510 | 57765 | 400 | 69998 | 306 | 83961 | 275 | 89943 | 03 | 1 |
| 304 | 400 | 68990 | 272 | 90990 | 143 | 21995 | 115 | 22999 | 03 | 1 |
| 317 | 115 | 23990 | 112 | 22995 | | | | | 03 | 1 |
| 327 | 605 | 01509 | 540 | 51665 | 776 | 66485 | 435 | 62765 | 03 | 1 |
| 340 | 376 | 69843 | 255 | 90952 | 158 | 14998 | 098 | 22991 | 03 | 1 |
| 353 | 400 | 66733 | 367 | 70841 | 266 | 89983 | 165 | 09997 | 03 | 1 |
| 365 | 417 | 67703 | 400 | 69766 | 101 | 67*** | 043 | 42*** | 03 | 1 |
| 386 | 433 | 67838 | 400 | 72998 | 248 | 97994 | 125 | 15999 | 03 | 1 |
| 394 | 890 | 19551 | 617 | 03698 | 400 | 72995 | 205 | 06993 | 03 | 1 |
| 405 | 808 | 17527 | 628 | 03568 | 604 | 01694 | 450 | 59997 | 03 | 1 |
| 445 | 570 | 01533 | 534 | 51609 | 459 | 60631 | 418 | 63738 | 03 | 1 |
| 451 | 544 | 50574 | 447 | 59678 | 400 | 65764 | 384 | 67796 | 03 | 1 |
| 476 | 434 | 62685 | 101 | 51 | | | | | 03 | 1 |
| 486 | 729 | 13027 | 681 | 05501 | 443 | 67813 | 400 | 72996 | 03 | 1 |
| 493 | 892 | 16518 | 838 | 16585 | 400 | 74993 | 196 | 09990 | 03 | 1 |
| 506 | 511 | 54639 | 426 | 63707 | 400 | 66731 | 286 | 83957 | 03 | 1 |
| 518 | 285 | 84954 | 258 | 90990 | 137 | 19995 | 102 | 15994 | 03 | 1 |
| 520 | 788 | 15014 | 675 | 06531 | 628 | 02652 | 616 | 03681 | 03 | 1 |
| 528 | 555 | 54578 | 543 | 53564 | 525 | 54712 | 415 | 64815 | 03 | 1 |
| 534 | 680 | 08614 | 564 | 00995 | 550 | 01998 | 400 | 67995 | 03 | 1 |
| 536 | 767 | 15506 | 684 | 09581 | 673 | 08517 | 549 | 51581 | 03 | 1 |
| 553 | 722 | 11031 | 613 | 04636 | 590 | 03571 | 432 | 63791 | 03 | 1 |
| 562 | 400 | 67990 | 263 | 89995 | 113 | 21998 | 093 | 17997 | 03 | 1 |
| 576 | 437 | 63726 | 400 | 68763 | 368 | 73863 | 284 | 88978 | 03 | 1 |
| 597 | 637 | 50621 | 612 | 52721 | 454 | 67847 | 400 | 74864 | 03 | 1 |
| 600 | 772 | 13512 | 474 | 63714 | 459 | 63695 | 400 | 69759 | 03 | 1 |
| 606 | 400 | 67728 | 372 | 71817 | 332 | 77819 | 275 | 89921 | 03 | 1 |
| 655 | 665 | 10501 | 533 | 54643 | 509 | 54708 | 400 | 67996 | 03 | 1 |
| 662 | 554 | 51567 | 434 | 62687 | 425 | 63724 | 400 | 67721 | 03 | 1 |
| 681 | 228 | 04996 | 110 | 12992 | | | | | 03 | 1 |
| 712 | 634 | 52546 | 606 | 54594 | 593 | 54694 | 524 | 62891 | 03 | 1 |
| 734 | 804 | 14591 | 597 | 02999 | 510 | 56722 | 488 | 57639 | 03 | 1 |
| 747 | 790 | 12588 | 580 | 51536 | 527 | 55561 | 400 | 68717 | 03 | 1 |
| 764 | 494 | 58609 | 400 | 68727 | 340 | 76881 | 270 | 89004 | 03 | 1 |
| 768 | 532 | 54708 | 464 | 62688 | 400 | 69798 | 295 | 87981 | 03 | 1 |
| 775 | 472 | 64691 | 400 | 72793 | 115 | 12997 | 075 | 08996 | 03 | 1 |
| 785 | 498 | 62784 | 450 | 66999 | 435 | 68837 | 400 | 74852 | 03 | 1 |
| 798 | 641 | 52622 | 610 | 54639 | 550 | 59755 | 419 | 73829 | 03 | 1 |
| 815 | 628 | 54992 | 101 | 48 | 101 | 40*** | | | 03 | 1 |
| 816 | 375 | 84995 | 101 | 55 | | | | | 03 | 1 |
| 826 | 735 | 55573 | 715 | 55571 | 670 | 59606 | 653 | 59608 | 03 | 1 |
| 836 | 722 | 01661 | 711 | 02691 | 634 | 52726 | 400 | 73927 | 03 | 1 |
| 867 | 400 | 73809 | 191 | 02993 | 169 | 01995 | 153 | 03929 | 03 | 1 |
| 879 | 556 | 59665 | 530 | 61721 | 478 | 66995 | 400 | 77994 | 03 | 1 |
| 896 | 244 | 03992 | 101 | 47 | | | | | 03 | 1 |
| 906 | 570 | 62661 | 400 | 81866 | 376 | 84891 | 331 | 84896 | 03 | 1 |
| 907 | 859 | 00007 | 839 | 02024 | 664 | 57581 | 525 | 69711 | 03 | 1 |
| 909 | 526 | 64664 | 400 | 78808 | 322 | 99912 | 234 | 06990 | 03 | 1 |
| 913 | 737 | 54613 | 710 | 54653 | 690 | 55708 | 642 | 50738 | 03 | 1 |
| 915 | | 50606 | 800 | 51563 | 748 | 54576 | 638 | 59736 | 03 | 1 |
| 917 | 593 | 66809 | 400 | 87989 | 280 | 95992 | 187 | 90998 | 03 | 1 |
| 918 | 621 | 65656 | 581 | 66727 | 557 | 66721 | 400 | 85892 | 03 | 1 |
| 924 | 862 | 00629 | 832 | 50542 | 466 | 75788 | 400 | 82895 | 03 | 1 |
| 926 | | | 254 | 97990 | | | | | 03 | 1 |
| 934 | 277 | 00995 | 101 | 42 | | | | | 03 | 1 |
| 938 | | | | | | | | | | |
| 945 | 535 | 63698 | 400 | 79851 | 268 | 97993 | 064 | 89997 | 03 | 1 |
| 964 | 400 | 80937 | 238 | 08990 | 220 | 04994 | 101 | 58*** | 03 | 1 |
| 968 | 776 | 50544 | 667 | 56606 | 654 | 56611 | 646 | 57676 | 03 | 1 |
| 74 | | | | | | | | | | |
| 043 | 400 | 79914 | 324 | 90963 | 249 | 05990 | 051 | 91993 | 03 | 1 |
| 072 | 400 | 84895 | 345 | 90990 | 282 | 96997 | 102 | 89992 | 03 | 1 |
| 074 | 606 | 63668 | 587 | 69732 | 400 | 82996 | 276 | 98997 | 03 | 1 |
| 090 | 662 | 59631 | 620 | 63726 | 597 | 62771 | 400 | 83999 | 03 | 1 |
| 109 | | | 649 | 58679 | 596 | 59652 | 400 | 78882 | 03 | 1 |
| 188 | 101 | 58 | | | | | | | 04 | 1 |
| 76 | | | | | | | | | | |
| 458 | 400 | 67738 | 384 | 78905 | 266 | 89923 | 313 | 24990 | 02 | 1 |
| 491 | 682 | 07525 | 614 | 03549 | 617 | 04571 | 600 | 03661 | 02 | 1 |
| 644 | 590 | 00581 | 538 | 50688 | 433 | 62674 | 400 | 66758 | 03 | 1 |
| 679 | 400 | 66706 | 267 | 88939 | 152 | 11999 | | | 03 | 1 |
| 78 | | | | | | | | | | |
| 016 | 295 | 90990 | 130 | 20990 | | | | | 03 | 1 |
| 325 | | | | | | | | | | |
| 395 | 636 | 05501 | 588 | 02606 | 442 | 63653 | 400 | 67773 | 03 | 1 |
| 501 | 670 | 07579 | 658 | 06904 | 596 | 01556 | 588 | 00617 | 03 | 1 |
| 525 | | | | | | | | | | |
| 741 | | | | | | | | | | |
| 967 | 400 | 68734 | | | | | | | 03 | 1 |
| 972 | 400 | 68708 | 369 | 71784 | 313 | 81817 | 259 | 90920 | 03 | 1 |
| 91 | | | | | | | | | | |
| 066 | 550 | 53991 | 472 | 718 | 400 | 67781 | | | 03 | 1 |
| 115 | 731 | 13022 | 690 | 11554 | 632 | 07511 | 596 | 05616 | 03 | 1 |
| 182 | 719 | 10573 | 637 | 04657 | 570 | 50997 | | 54713 | 03 | 1 |
| 215 | 632 | 05002 | | 66756 | | 65990 | 255 | 90990 | 03 | 1 |
| 245 | 563 | 53666 | 555 | 54678 | 539 | 55645 | 491 | 60750 | 03 | 1 |
| 366 | | | | | | | | | | |
| 413 | 400 | 66998 | 150 | 20993 | | | | | 03 | 1 |
| 98 | | | | | | | | | | |
| 327 | 720 | 11018 | 603 | 08607 | 586 | 03995 | 566 | 03995 | 03 | 1 |
| 645 | 470 | 56658 | 444 | 60653 | 274 | 84894 | 112 | 29995 | 03 | 8 |
| QLL | | OCEAN | STA | | | | | | | |
| 034 | 598 | 53603 | 544 | 57745 | 478 | 64696 | 421 | 70832 | 03 | 9 |
| 035 | 101 | 58 | | | | | | | 03 | 9 |
| 037 | 687 | 07571 | 658 | 04622 | 582 | 00996 | 445 | 62992 | 03 | 9 |
| 044 | 776 | 06022 | 762 | 05557 | 585 | 55636 | 577 | 54619 | 03 | 9 |
| 051 | | | | | | | | | 02 | 2 |
| 053 | 612 | 54719 | 400 | 75995 | 313 | 88999 | 194 | 10993 | 03 | 9 |
| 055 | 604 | 53674 | 508 | 63802 | 494 | 63802 | 400 | 72887 | 03 | 9 |
| 062 | | | | | | | | | 02 | 2 |
| 063 | 682 | 84557 | 675 | 51528 | 662 | 56579 | 345 | 88931 | 03 | 9 |
| 134 | 800 | 11565 | 627 | 04665 | 400 | 68995 | 288 | 87973 | 03 | 9 |
| 144 | 400 | 76783 | 310 | 90932 | 217 | 07990 | 046 | 96992 | 03 | 9 |
| 223 | 396 | 59 | 225 | 75 | 160 | 94*** | | | 02 | 1 |
| 235 | 395 | 66 | 264 | 88 | 205 | 05*** | | | 03 | 9 |
| 246 | 642 | 54558 | 575 | 58653 | 510 | 64732 | 425 | 72785 | 03 | 9 |
| 360 | 642 | 61621 | 632 | 61625 | 467 | 75769 | 400 | 82839 | 03 | 5 |

JULY 6

# RADIOSONDE AND RAWINSONDE DATA

| Index No. iii | Station Name | 1000 mb. hhh | 1000 mb. TTTTT ddx | 1000 mb. dd | 1000 mb. ff | 850 mb. hhh | 850 mb. TTTTT ddx | 850 mb. dd | 850 mb. ff | 700 mb. hhh | 700 mb. TTTTT ddx | 700 mb. dd | 700 mb. ff | 500 mb. hhh | 500 mb. TTTTT ddx | 500 mb. dd | 500 mb. ff | Hour GG | Code Type |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | BLOCK 01 | | | | | | | | | | | | | | | | | | |
| 001 | JAN MAYEN | 098 | 03013 | | | 420 | 00547 | | | 936 | 60653 | | | 469 | 72809 | | | 03 | 8 |
| 030 | TROMSO | 107 | 13108 | | | 460 | 06053 | | | 027 | 54603 | | | 596 | 71758 | | | 03 | 8 |
| 384 | GARDERMOEN | 115 | 99999 | | | 480 | 08037 | 09 | 12 | 059 | 51582 | 17 | 11 | 666 | 68733 | 11 | 12 | 03 | 5 |
| 415 | SOLA | 120 | 12118 | | | 490 | 08031 | | | 051 | 52531 | | | 999 | 99999 | | | 03 | 8 |
| | BLOCK 02 | | | | | | | | | | | | | | | | | | |
| 057 | LULEA KALLAS | 129 | 16144 | | | 520 | 10997 | | | 088 | 50571 | | | 700 | 67752 | | | 03 | 8 |
| 077 | STOCKHOLM | 131 | 17122 | 13 | 4 | 500 | 08004 | 14 | 6 | 076 | 50625 | 14 | 10 | 669 | 69791 | 13 | 11 | 03 | 5 |
| 084 | GOTEBORG | 084 | 13099 | | | 446 | 07018 | | | 030 | 00582 | | | 643 | 67743 | | | 03 | 8 |
| 974 | HELSINKI MAL | 133 | 18102 | | | 510 | 10045 | | | 098 | 51556 | | | 698 | 66716 | | | 03 | 2 |
| | BLOCK 03 | | | | | | | | | | | | | | | | | | |
| 005 | LERWICK | 058 | 48180 | | | 492 | 37330 | 34 | 20 | 000 | 26090 | 34 | 16 | 851 | 01730 | 01 | 4 | 02 | 2 |
| 026 | STORNOWAY | 080 | 44203 | 36 | 11 | 505 | 32209 | 30 | 17 | 010 | 24060 | 35 | 12 | 850 | 01730 | 01 | 25 | 02 | 2 |
| 476 | DOWNHAM MKT | 061 | 55470 | 27 | 15 | 497 | 26310 | 31 | 15 | 004 | 26090 | 26 | 90 | 855 | 00870 | 30 | 38 | 02 | 5 |
| 743 | LARKHILL | 066 | 49440 | | | 506 | 36280 | 33 | 14 | 017 | 30010 | 29 | 22 | 875 | 04860 | 30 | 27 | 02 | 2 |
| 808 | CAMBORNE | 073 | 55480 | 32 | 12 | 511 | 37280 | 01 | 17 | 024 | 30850 | 31 | 14 | 885 | 07730 | 30 | 27 | 02 | 2 |
| 917 | ALDERGROVE | 072 | 51470 | 34 | 7 | 508 | 35580 | 35 | 14 | 018 | **950 | 32 | 17 | 869 | 99750 | 31 | 21 | 02 | 2 |
| 953 | VALENTIA | 074 | 53 0 | 34 | 2 | 515 | 41 0 | | | 029 | 29**0 | | | 887 | 01**0 | | | 03 | 2 |
| | BLOCK 04 | | | | | | | | | | | | | | | | | | |
| 018 | KEFLAVIK | 048 | 08085 | 20 | 16 | 489 | 08702 | 25 | 31 | 008 | 58525 | 26 | 49 | 864 | 64684 | 28 | 63 | 03 | 1 |
| 202 | THULE | 015 | 03018 | 28 | 4 | 448 | 51581 | 29 | 1 | 950 | 55706 | 32 | 13 | 785 | 74851 | 33 | 20 | 03 | 1 |
| 231 | SDR STROMFRD | 002 | | | | 437 | 04541 | 04 | 7 | 948 | 53581 | 17 | 8 | 800 | 68112 | | | 09 | 1 |
| 270 | NARSSARSSUAK | 003 | 10091 | 05 | 8 | 450 | 00002 | 12 | 13 | 970 | 56650 | | | 829 | 67702 | 17 | 43 | 03 | 1 |
| 339 | SCORESBYSUND | 206 | 03 | 14 | 3 | 563 | 05 | 19 | 9 | 973 | 53*** | 26 | 19 | 823 | 66*** | 27 | 31 | 03 | 5 |
| 360 | ANGMAGSSALIK | 097 | 50040 | 04 | 1 | 422 | 04010 | 17 | 18 | 866 | 51510 | 23 | 28 | 607 | 64990 | 24 | 44 | 03 | 5 |
| | BLOCK 06 | | | | | | | | | | | | | | | | | | |
| 260 | DE BILT | 156 | 10068 | | | 488 | 00541 | | | 039 | 53646 | | | 616 | 70821 | | | 03 | 8 |
| 447 | UCCLE | 179 | 11093 | | | 514 | 03002 | | | 063 | 52571 | | | 667 | 66765 | | | 03 | 8 |
| 610 | PAYERNE | 180 | | | | 540 | 08064 | 36 | 3 | 115 | 00684 | 28 | 10 | 740 | 64844 | 29 | 28 | 05 | 5 |
| | BLOCK 07 | | | | | | | | | | | | | | | | | | |
| 110 | BREST | 216 | 13112 | 36 | 7 | 570 | 05016 | 36 | 13 | 130 | 51592 | 33 | 16 | 754 | 64722 | 31 | 25 | 02 | 5 |
| 145 | TRAPPES | 195 | 10062 | | | 520 | 04512 | | | 110 | 52726 | | | 724 | 65825 | | | 02 | 8 |
| 190 | STRASBOURG | 176 | 13094 | | | 530 | 04510 | | | 079 | 53583 | | | 664 | 68764 | | | 02 | 8 |
| 480 | LYON | 157 | | | | 540 | 10040 | | | 124 | 03525 | | | 786 | 62702 | | | 02 | 8 |
| 510 | BORDEAUX | 180 | 15081 | 30 | 4 | 550 | 08543 | 34 | 10 | 137 | 02675 | 29 | 20 | 781 | 64824 | 28 | 34 | 02 | 5 |
| 645 | NIMES | 141 | 28134 | 35 | 10 | 560 | 14065 | 30 | 20 | 158 | 06554 | 29 | 29 | 827 | 61795 | 29 | 25 | 02 | 5 |
| | BLOCK 08 | | | | | | | | | | | | | | | | | | |
| 509 | LAGENS | 075 | 18164 | 05 | 8 | 529 | 16002 | 05 | 7 | 059 | 05513 | 23 | 11 | 927 | 62992 | 24 | 4 | 03 | 1 |
| 521 | FUNCHAL | 151 | 20143 | | | 544 | 18046 | | | 176 | 0756* | | | 863 | 57743 | | | 14 | 8 |
| 536 | PORTELA | 116 | 26166 | | | 528 | 17036 | | | 158 | 07513 | | | 824 | 61692 | | | 14 | 8 |
| | BLOCK 10 | | | | | | | | | | | | | | | | | | |
| 034 | SCHLESWIG | 025 | 52510 | | | 467 | 49340 | | | 980 | 24120 | | | 815 | 82690 | | | 02 | 7 |
| 338 | HANNOVER | 037 | 52490 | 25 | 24 | 475 | 40390 | 27 | 30 | 985 | 26120 | 28 | 25 | 832 | 95880 | 27 | 30 | 02 | 2 |
| 384 | TEMPELHOF | 107 | 13110 | 27 | 11 | 453 | 05035 | 14 | 26 | 023 | 51619 | 24 | 23 | 616 | 70981 | 19 | 16 | 03 | 5 |
| 419 | ISERLOHN | | | | | 488 | 35310 | 29 | 27 | 997 | 24210 | 29 | 29 | 841 | 94770 | 29 | 39 | 02 | 2 |
| 633 | WIESBADEN | 167 | 10068 | 30 | 8 | 502 | 03512 | 31 | 30 | 064 | 51674 | 29 | 41 | 657 | 65807 | 29 | 60 | 03 | 5 |
| 866 | MUNCHEN RIEM | 159 | 99999 | 99 | 99 | 523 | 07032 | 28 | 11 | 089 | 53564 | 28 | 37 | 680 | 67993 | 27 | 41 | 03 | 5 |
| | BLOCK 11 | | | | | | | | | | | | | | | | | | |
| 030 | TULLN | 138 | | | | 500 | 07027 | 30 | 31 | 078 | 01692 | 30 | 36 | 721 | 64690 | 25 | 50 | 03 | 5 |
| 567 | PRAHA KBELY | 134 | | | | 490 | 05013 | | | 034 | 54543 | | | 636 | 60804 | | | 05 | 5 |
| | BLOCK 16 | | | | | | | | | | | | | | | | | | |
| 596 | GRENDI | 053 | 65630 | | | 539 | 58470 | 04 | 4 | 040 | 47890 | 35 | 12 | 921 | ***** | 32 | 18 | 02 | 2 |
| | BLOCK 17 | | | | | | | | | | | | | | | | | | |
| 606 | NICOSIA | | | | | 485 | 63220 | | | 022 | 50890 | | | 914 | 22610 | | | 02 | 7 |
| | BLOCK 40 | | | | | | | | | | | | | | | | | | |
| 648 | HABBANIYA | | | | | 478 | 81380 | | | 032 | 65480 | 18 | 28 | 930 | 31860 | 10 | 5 | 02 | 2 |
| | BLOCK 42 | | | | | | | | | | | | | | | | | | |
| 339 | JODHPUR | 001 | | | | 145 | 25140 | | | 313 | 14070 | | | 587 | 53*** | | | 15 | 8 |
| 475 | BAMRAULI AL | 502 | | | | 143 | 24200 | | | 311 | 16130 | | | 591 | 01*** | | | 15 | 8 |
| 867 | NAGPUR | 000 | | | | 143 | 20180 | | | 309 | 12110 | | | 586 | 50520 | | | 14 | 8 |
| 909 | VERAVAL | 002 | 29260 | | | 144 | 18140 | | | 309 | 14520 | | | 585 | 53*** | | | 14 | 8 |
| | BLOCK 43 | | | | | | | | | | | | | | | | | | |
| 063 | POONA | 004 | | | | 146 | 19160 | | | 312 | 12510 | | | 585 | 53*** | | | 14 | 8 |
| 149 | VIZAGAPATAM | 002 | | | | 145 | 18180 | | | 310 | 11060 | | | 583 | 55550 | | | 14 | 8 |
| 279 | MADRAS | 006 | 28230 | | | 150 | 23160 | | | 316 | 11090 | | | 590 | 53590 | | | 14 | 8 |
| 371 | TRIVANDRUM | 008 | 24230 | | | 149 | 17150 | | | 314 | 10010 | | | 585 | 59*** | | | 15 | 8 |
| | BLOCK 45 | | | | | | | | | | | | | | | | | | |
| 007 | KAI TAK | 008 | 27270 | | | 150 | 19130 | | | *** | 13**0 | | | *** | 53**0 | | | 22 | 8 |
| | BLOCK 47 | | | | | | | | | | | | | | | | | | |
| 212 | ZINSEN | 018 | 14128 | | | 469 | 10015 | | | 001 | 06115 | | | 870 | 58697 | | | 03 | 1 |
| 412 | SAPPORO UCMO | 029 | 20140 | | | 500 | 11089 | | | 060 | 06011 | | | 884 | 58602 | | | 03 | 1 |
| 580 | MISAWA | 023 | 21187 | 13 | 25 | 483 | 16115 | 18 | 26 | 016 | 07645 | 13 | 21 | 906 | 55997 | 14 | 17 | 03 | 1 |
| 590 | SENDAI UCMO | 022 | 19199 | | | 473 | 13115 | | | 002 | 06033 | | | 888 | 52556 | | | 03 | 1 |
| 600 | WAJIMA | | | | | 452 | 15159 | | | 983 | 08085 | | | 872 | 53539 | | | 03 | 1 |
| 635 | NAGOYA | 101 | 42 | | | | | | | *** | ***** | | | *** | ***** | | | 03 | 1 |
| 671 | TOKYO | 516 | | | | 444 | 17167 | 30 | 9 | 986 | 13027 | 24 | 41 | 895 | 51992 | | | 05 | 1 |
| 744 | YONAGO | 004 | 19187 | | | 440 | 13129 | | | 971 | 07061 | | | 835 | 54648 | | | 03 | 1 |
| 808 | ITAZUKE | 016 | 19177 | 34 | 8 | 474 | 16135 | 03 | 21 | 012 | 10009 | 36 | 33 | 916 | 00993 | 29 | 46 | 03 | 1 |
| 827 | KAGOSHIMA | 010 | 27210 | 30 | 4 | 467 | 16091 | 34 | 16 | 005 | 12021 | 29 | 30 | 907 | 00582 | 28 | 26 | 03 | 1 |
| | BLOCK 60 | | | | | | | | | | | | | | | | | | |
| 120 | PORT LYAUTEY | 052 | 15105 | | | 508 | 13993 | | | 032 | 03504 | | | 967 | 65990 | | | 03 | 6 |
| 155 | CASABLANCA | 132 | 19172 | | | 512 | 26057 | | | 142 | 19564 | | | 823 | ***** | | | 02 | 8 |
| 390 | M BLANCHE | 123 | 22175 | 00 | | 550 | 21062 | 00 | | 179 | 08573 | | | 847 | 63763 | | | 02 | 5 |
| 570 | COLOMB | 083 | | | | 530 | 25549 | | | 185 | 10623 | | | 855 | 63776 | | | 02 | 5 |
| 715 | TUNIS | 139 | 18169 | 21 | 5 | 540 | 13541 | 10 | 3 | 143 | 03670 | 34 | 17 | 755 | 64822 | | | 02 | 5 |
| | BLOCK 61 | | | | | | | | | | | | | | | | | | |
| 648 | DAKAR OUAKAM | 341 | 00992 | 42 | 21 | | 5302 | 50 | 11 | *** | *1281 | 25 | 65 | *** | *8756 | 16 | 91 | 07 | 8 |
| | BLOCK 62 | | | | | | | | | | | | | | | | | | |
| 011 | WHEELUS FLD | 162 | 19147 | 01 | 4 | 538 | 14542 | 05 | 4 | 199 | 06990 | 33 | 8 | 826 | 61990 | 32 | 13 | 03 | 5 |
| 053 | BENINA | 047 | | | | 504 | 60270 | | | 035 | 43080 | | | 916 | 16560 | | | 02 | 7 |
| 366 | FAROUK | 104 | 21131 | 34 | 4 | 501 | 17597 | 01 | 26 | 158 | 14**1 | 00 | | 899 | 52**7 | 25 | 12 | 03 | 5 |
| | BLOCK 70 | | | | | | | | | | | | | | | | | | |
| 026 | BARROW | 310 | 50522 | 28 | 19 | 452 | 55577 | 30 | 23 | 952 | 56688 | 30 | 31 | 790 | 71829 | 30 | 57 | 03 | 1 |
| 133 | KOTZEBUE | 042 | 06007 | 28 | 12 | 479 | 05004 | 28 | 14 | 997 | 00539 | 28 | 24 | 860 | 63789 | | | 03 | 1 |
| 200 | NOME | 047 | 01008 | 24 | 7 | 485 | 09585 | 25 | 12 | 006 | 01652 | 26 | 16 | 865 | 65794 | 24 | 24 | 03 | 1 |
| 204 | GAMBELL | 038 | 05046 | | | 476 | 07066 | | | 997 | 00544 | | | 859 | 65994 | | | 03 | 1 |
| 219 | BETHEL | 048 | 18081 | 30 | 12 | 496 | 10539 | 27 | 10 | 020 | 02679 | 27 | 10 | 890 | 62741 | | | 03 | 1 |
| 231 | MCGRATH | 037 | 21067 | 28 | 6 | 489 | 10573 | 30 | 10 | 012 | 01648 | 31 | 17 | 874 | 64997 | 31 | 33 | 03 | 1 |
| 261 | FRBNKS WEEKS | 032 | | | | 475 | 02508 | 29 | 10 | 985 | 52993 | 31 | 29 | *** | ***** | | | 03 | 1 |
| 273 | ANCH MERRILL | 028 | 24100 | 29 | 4 | 484 | 11013 | 31 | 2 | 006 | **641 | 32 | 17 | 873 | 63725 | 32 | 32 | 03 | 1 |
| 316 | FORT RANDALL | 101 | 42 | | | | | | | *** | ***** | | | *** | ***** | | | 03 | 1 |
| 350 | KODIAK | 101 | 42 | | | | | | | *** | ***** | | | *** | ***** | | | 03 | 1 |
| 361 | YAKUTAT | 041 | 10075 | 15 | 12 | 478 | 03027 | 24 | 7 | 993 | 51533 | 30 | 10 | 860 | 65942 | 32 | 23 | 03 | 1 |
| 381 | JUNEAU | 040 | 09083 | 09 | 5 | 477 | 02012 | | | 987 | 52587 | | | 846 | 64*** | | | 03 | 1 |
| 398 | ANNETTE IS | 049 | 10073 | | | 487 | 03027 | | | 003 | 00527 | | | *** | ***** | | | 03 | 1 |
| 409 | MASSACRE BAY | 101 | 42 | | | | | | | *** | ***** | | | *** | ***** | | | 03 | 1 |
| 439 | AMCHITKA | 101 | 42 | | | | | | | *** | ***** | | | *** | ***** | | | 03 | 1 |
| 454 | LONGVIEW | 055 | 07050 | 00 | | 496 | 11991 | 23 | 10 | 019 | 03993 | 23 | 12 | 894 | 60994 | 24 | 17 | 03 | 1 |
| 485 | FORT GLENN | 101 | 43 | | | | | | | *** | ***** | | | *** | ***** | | | 03 | 1 |
| | BLOCK 72 | | | | | | | | | | | | | | | | | | |
| 202 | MIAMI | 044 | 24202 | 20 | 5 | 507 | 17135 | 16 | 2 | 043 | 07047 | 31 | 1 | 928 | 54648 | 06 | 12 | 03 | 1 |
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| 211 | TAMPA | 040 | 24237 | 13 | 7 | 505 | 18143 | | | 045 | 10045 | | | 938 | 55720 | | | 03 | 1 |
| 219 | ATLANTA | 046 | | | | 514 | 18154 | 15 | 11 | 054 | 09030 | 05 | 6 | 942 | 54995 | 07 | 5 | 03 | 1 |
| 231 | NEW ORLEANS | 044 | 27247 | 28 | 8 | 511 | 17153 | 02 | 6 | 047 | 08051 | 03 | 15 | 940 | ***** | | | 03 | 1 |
| 240 | LAKE CHARLES | 042 | 26244 | | | 508 | 19091 | | | 047 | 08518 | | | 937 | 05993 | | | 03 | 1 |
| 250 | BROWNSVILLE | 036 | 27236 | 14 | 17 | 503 | 20131 | 17 | 21 | 045 | 11513 | 13 | 17 | 938 | 53992 | 07 | 5 | 03 | 1 |
| 253 | SAN ANTONIO | 034 | | | | 503 | 19174 | 19 | 4 | 045 | 12503 | 21 | 7 | 940 | 54990 | 21 | 3 | 03 | 1 |
| 259 | FT WORTH | 036 | | | | 503 | 19122 | 22 | 19 | 040 | 08035 | 24 | 8 | 928 | 56990 | 24 | 4 | 03 | 1 |
| 265 | BIG SPRING | 017 | | | | 492 | 22157 | 17 | 21 | 036 | 11054 | 14 | 9 | 933 | 54993 | 08 | 6 | 03 | 1 |
| 270 | EL PASO | 006 | | | | 486 | 26109 | 20 | 5 | 036 | 15050 | 18 | 9 | 930 | 57590 | | | 03 | 1 |
| 278 | PHOENIX | 016 | | | | 496 | 24061 | 11 | 9 | 040 | 09036 | 21 | 4 | 924 | 59643 | 19 | 8 | 03 | 1 |
| 304 | HATTERAS | 050 | 26232 | 19 | 10 | 513 | 18081 | 21 | 5 | 050 | 09992 | 33 | 1 | 941 | 56992 | 05 | 10 | 04 | 1 |
| 317 | GREENSBORO | 045 | | | | 514 | 18167 | 22 | 11 | 051 | 09037 | 03 | 13 | 946 | 54991 | 08 | 7 | 03 | 1 |
| 327 | NASHVILLE | 040 | | | | 510 | 18155 | 20 | 10 | 050 | 10519 | 18 | 5 | 943 | 56682 | 21 | 7 | 03 | 1 |
| 340 | LITTLE ROCK | 040 | 26242 | 15 | 4 | 508 | 19159 | 25 | 13 | 049 | 10052 | 25 | 16 | 944 | 54656 | 24 | 15 | 04 | 1 |
| 353 | OKLAHOMA CTY | 026 | | | | 495 | 21164 | 20 | 21 | 037 | 10066 | 34 | 9 | 932 | 54626 | 33 | 8 | 03 | 1 |
| 365 | ALBUQUERQUE | 003 | | | | 486 | | | | 035 | 11041 | 25 | 9 | 927 | 57618 | 18 | 6 | 03 | 1 |
| 386 | LAS VEGAS | 004 | | | | 484 | 27027 | 21 | 14 | 031 | 11527 | 19 | 13 | 917 | 59990 | 25 | 6 | 03 | 1 |
| 394 | SANTA MARIA | 037 | 13092 | 28 | 11 | 490 | 18031 | 04 | 5 | 027 | 09999 | 32 | 5 | 913 | 57995 | 23 | 18 | 03 | 1 |
| 405 | WASHINGTON | 043 | 29248 | | | 513 | 20115 | | | 052 | 08509 | | | 942 | 55675 | | | 03 | 1 |
| 445 | COLUMBIA | 032 | | | | 498 | 19134 | 21 | 8 | 037 | 08039 | 22 | 5 | 926 | 56594 | 22 | 13 | 03 | 1 |
| 451 | DODGE CITY | 012 | | | | 492 | 27144 | 17 | 21 | 045 | 15080 | 24 | 16 | *** | ***** | | | 03 | 1 |
| 476 | GRAND JUNC | 011 | | | | 187 | 24147 | 22 | 3 | 038 | 13021 | 27 | 7 | 928 | 57657 | 21 | 17 | 03 | 1 |
| 486 | ELY | 005 | | | | 478 | | | | 027 | 13567 | 22 | 19 | 914 | 58993 | 23 | 24 | 03 | 1 |
| 493 | OAKLAND | 040 | 12091 | 25 | 13 | 490 | 14597 | 30 | 10 | 021 | 06651 | 25 | 14 | 898 | 60991 | 25 | 24 | 03 | 1 |
| 506 | NANTUCKET | 041 | 21172 | 19 | 7 | 499 | 14095 | 30 | 13 | 030 | 08993 | 29 | 26 | 915 | 58639 | 30 | 40 | 03 | 1 |
| 518 | ALBANY | 045 | 21101 | 01 | 13 | 502 | 13038 | 29 | 6 | 033 | 07575 | 28 | 23 | 914 | 58627 | 31 | 44 | 03 | 1 |
| 520 | PITTSBURGH | 041 | | | | 513 | 20132 | 22 | 6 | 052 | 10609 | 23 | 4 | 940 | 56990 | | | 03 | 1 |
| 528 | BUFFALO | 044 | | | | 503 | 15114 | 23 | 3 | 038 | 07031 | | | 920 | ***** | | | 03 | 1 |
| 534 | CHICAGO | 036 | | | | 502 | 19142 | 20 | 13 | 040 | 08054 | | | 927 | 57592 | | | 03 | 1 |
| 536 | TOLEDO | 038 | | | | 509 | 21136 | 25 | 8 | 052 | 10051 | | | 941 | 57602 | | | 03 | 1 |
| 553 | OMAHA | 023 | | | | 495 | 20158 | 20 | 4 | 037 | 10047 | 07 | 10 | 930 | 56998 | 01 | 6 | 03 | 1 |
| 562 | N PLATTE | 010 | | | | 486 | 25164 | 15 | 22 | 036 | 13044 | 22 | 10 | 931 | 56637 | | | 03 | 1 |
| 576 | LANDER | 009 | | | | 483 | | | | 028 | 10508 | 27 | 15 | 914 | 57997 | 25 | 27 | 03 | 1 |
| 597 | MEDFORD | 034 | | | | 491 | 11033 | 29 | 10 | 012 | 02682 | 22 | 16 | 876 | 66803 | 25 | 23 | 03 | 1 |
| 606 | PORTLAND | 037 | 19083 | 33 | 10 | 492 | 14997 | 30 | 24 | 020 | 04997 | 29 | 25 | 893 | 60651 | | | 03 | 1 |
| 655 | ST CLOUD | 034 | | | | 496 | 16144 | 12 | 14 | 030 | 07048 | 18 | 3 | *** | ***** | | | 03 | 1 |
| 662 | RAPID CITY | 017 | | | | 483 | 23137 | 16 | 9 | 029 | 12041 | 30 | 7 | 924 | 56582 | 27 | 27 | 03 | 1 |
| 681 | BOISE | 504 | | | | 473 | 25546 | 22 | 17 | 017 | 09659 | 20 | 18 | 892 | 64998 | 21 | 31 | 03 | 1 |
| 712 | CARIBOU | 030 | | | | 477 | 08998 | 31 | 30 | 991 | 51991 | 30 | 36 | 848 | 66990 | 30 | 54 | 03 | 1 |
| 734 | SAULT MARIE | 052 | | | | 504 | 12091 | 24 | 4 | 034 | 06059 | 20 | 15 | 916 | 58596 | 30 | 36 | 04 | 1 |
| 747 | INTL FALLS | 045 | | | | 497 | 12109 | 11 | 15 | 028 | 09063 | 27 | 6 | 916 | 58601 | 28 | 23 | 03 | 1 |
| 764 | BISMARCK | 022 | | | | 485 | 16146 | 14 | 12 | 024 | 09047 | 23 | 12 | 915 | 55629 | 24 | 26 | 03 | 1 |
| 768 | GLASGOW | 017 | | | | 478 | 17124 | 16 | 9 | 014 | 09992 | | | 895 | 59654 | | | 03 | 1 |
| 775 | GREAT FALLS | 024 | | | | 483 | 15086 | 36 | 11 | 014 | 05000 | 26 | 23 | 889 | 60723 | 22 | 22 | 03 | 1 |
| 785 | SPOKANE | 013 | | | | 479 | 18003 | 20 | 18 | 010 | 05541 | 22 | 12 | 875 | 64788 | 21 | 38 | 03 | 1 |
| 798 | TATOOSH IS | 045 | 11083 | 23 | 5 | 484 | 05543 | 20 | 8 | 999 | 50662 | 30 | 5 | 858 | 66999 | 26 | 6 | 03 | 1 |
| 816 | GOOSE | 515 | | | | 422 | 01516 | 29 | 10 | 926 | 57596 | 22 | 26 | 762 | 71748 | 28 | 17 | 03 | 1 |
| 836 | MOOSONEE | 059 | 09067 | | | 495 | 04525 | | | 010 | 52673 | | | 868 | 65822 | | | 03 | 1 |
| 867 | THE PAS | 043 | | | | 495 | 14524 | | | 029 | 05548 | | | 908 | 58711 | | | 03 | 1 |
| 879 | EDMONTON | 004 | | | | 466 | 16059 | 05 | 5 | 995 | 03523 | 27 | 16 | 859 | 63777 | 21 | 31 | 03 | 1 |
| 906 | FT CHIMO | 567 | | | | 444 | 00552 | 36 | 8 | 948 | 56589 | | | 793 | 69832 | | | 03 | 1 |
| 907 | PORT HARRISN | 038 | 04025 | | | 470 | 00506 | | | 979 | 53557 | | | 826 | 69728 | | | 03 | 1 |
| 909 | UP FROBISHER | 014 | 08003 | 00 | | 452 | 02513 | 35 | 12 | 958 | 54657 | 02 | 26 | 806 | 69791 | 02 | 17 | 04 | 1 |
| 913 | CHURCHILL | 057 | 17062 | 14 | 8 | 501 | 08007 | 25 | 6 | 021 | 51998 | 30 | 9 | 873 | 67814 | 31 | 25 | 03 | 1 |
| 915 | CORAL HARBOR | 044 | 09044 | | | 481 | 03566 | | | 988 | 55675 | | | 826 | 69783 | | | 03 | 1 |
| 917 | EUREKA | 009 | 09017 | 09 | 7 | 446 | 01556 | 16 | 19 | 953 | 54599 | 25 | 7 | 796 | 71743 | 26 | 11 | 03 | 1 |
| 918 | ARCTIC BAY | 030 | 05037 | | | 463 | 03004 | | | 972 | 55790 | | | 807 | 71757 | | | 03 | 1 |
| 924 | RESOLUTE | 008 | 06038 | 16 | 4 | 448 | 07520 | 23 | 29 | 960 | 56601 | 22 | 26 | 780 | 72992 | 25 | 21 | 03 | 1 |
| 926 | BAKER LAKE | 048 | 16063 | | | 489 | 07624 | | | 008 | 52831 | | | 859 | 68877 | | | 03 | 1 |
| 934 | FT SMITH | 005 | | | | 464 | 12091 | | | 990 | 03598 | | | 852 | 66724 | | | 03 | 1 |
| 938 | COPPERMINE | 101 | 59 | | | | | | | *** | ***** | | | *** | ***** | | | 03 | 1 |
| 945 | FORT NELSON | 006 | | | | 448 | 06007 | | | 962 | 51569 | | | 812 | 68752 | | | 03 | 1 |
| 964 | WHITEHORSE | 022 | | | | 469 | 06036 | 31 | 23 | 983 | 53554 | | | 832 | 66714 | | | 03 | 1 |
| 968 | AKLAVIK | 032 | 05013 | | | 459 | 53555 | | | 955 | 61654 | | | 780 | 73804 | | | 02 | 1 |
| | BLOCK 74 | | | | | | | | | | | | | | | | | | |
| 043 | NORMAN WELLS | 024 | | | | 461 | 01501 | | | 967 | 55584 | | | 808 | 71756 | | | 03 | 1 |
| 072 | MOULD BAY | 516 | | | | 402 | 56581 | | | 894 | 60642 | | | 725 | 74831 | | | 03 | 1 |
| 074 | ISACHSEN | 508 | | | | 424 | 02028 | | | 934 | 64652 | | | 777 | 71776 | | | 03 | 1 |
| 090 | CLYDE RIVER | 029 | 51532 | 31 | 2 | 456 | 51605 | 34 | 21 | 956 | 58993 | 34 | 18 | 789 | 72990 | 32 | 25 | 03 | 1 |
| 109 | PORT HARDY | 044 | 13071 | | | 486 | 05501 | | | 998 | 52583 | | | 850 | 67765 | | | 03 | 1 |
| 188 | MINGAN L PT | | | | | 436 | 02527 | 33 | 35 | 941 | 54595 | 32 | 39 | 784 | 70743 | | | 03 | 1 |
| | BLOCK 76 | | | | | | | | | | | | | | | | | | |
| 458 | MAZATLAN | 028 | 28233 | | | 495 | 19156 | | | 036 | 10040 | | | 929 | 56603 | | | 02 | 1 |
| 491 | C VICTORIA | 023 | | | | 498 | 21161 | | | 042 | 11041 | | | 939 | 53992 | | | 02 | 1 |
| 644 | MERIDA | 041 | 26227 | | | 506 | 17133 | | | 041 | 08033 | | | 931 | 55696 | | | 03 | 1 |
| 679 | TACUBAYA | 026 | | | | 494 | | | | 025 | 10055 | | | 936 | 56599 | | | 03 | 1 |
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| 325 | HAVANA C B | 045 | 25217 | 17 | 4 | 510 | 17137 | 15 | 2 | 048 | 09041 | 10 | 6 | *** | ***** | | | 04 | 1 |
| 395 | VERNAM FIELD | 045 | 22212 | 03 | 6 | 503 | 15140 | 09 | 23 | 034 | 06564 | 11 | 25 | 921 | 58694 | 18 | 13 | 03 | 1 |
| 501 | SWAN ISLAND | 044 | 25225 | | | 508 | 18081 | | | 046 | 09533 | | | 934 | 57649 | | | 03 | 1 |

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| Index No. iii | 300 mb. hhh | 300 mb. TTTTT ddx | 300 mb. dd | 300 mb. ff | 200 mb. hhh | 200 mb. TTTTT ddx | 200 mb. dd | 200 mb. ff | 100 mb. hhh | 100 mb. TTTTT ddx | 100 mb. dd | 100 mb. ff | Hour GG | Code Type |
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| 01 | | | | | | | | | | | | | | |
| 001 | 905 | 97996 | | | 172 | 95997 | | | | | | | 03 | 8 |
| 030 | 905 | 99 7 | | | | | | | | | | | 03 | 8 |
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| 743 | 073 | 55 0 | 30 | 58 | | | | | | | | | 02 | 2 |
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| 917 | 062 | 51 0 | 31 | 18 | 927 | 44 0 | 30 | 32 | | | | | 02 | 2 |
| 953 | 080 | 58 0 | | | 956 | 41 0 | | | 430 | 37**0 | | | 03 | 2 |
| 04 | | | | | | | | | | | | | | |
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| 202 | 939 | 98999 | 36 | 26 | 822 | 92993 | 21 | 8 | 464 | 95995 | | | 03 | 1 |
| 231 | 997 | 95992 | 18 | 22 | 853 | 98990 | 18 | 30 | | | | | 09 | 1 |
| 270 | 024 | 93995 | | | 892 | 00900 | | | | | | | 03 | 1 |
| 339 | 025 | 90 | 27 | 50 | 913 | 93 | | | | | | | 03 | 5 |
| 360 | 926 | 94990 | 23 | 60 | 186 | 07990 | 63 | 99 | 699 | 0**** | | | 03 | 5 |
| 06 | | | | | | | | | | | | | | |
| 260 | 922 | 96 | | | | | | | | | | | 03 | 8 |
| 447 | 305 | 94 0 | | | 969 | 97 0 | | | | | | | 03 | 8 |
| 610 | 440 | 87026 | 29 | 75 | 130 | 05 7 | 29 | 75 | | | | | 05 | 5 |
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| 110 | 944 | 90 1 | 24 | 20 | 211 | 07 0 | 27 | 39 | 652 | 05**1 | 28 | 17 | 02 | 5 |
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| 190 | 927 | 95 0 | | | 190 | 03 4 | | | 637 | 03**7 | | | 02 | 8 |
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| 567 | 927 | 92996 | | | 198 | 95992 | | | | | | | 05 | 5 |
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| 606 | 176 | 74430 | | | 099 | 50 0 | | | 518 | 11**0 | | | 02 | 7 |
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| 149 | 101 | 43 | | | | | | | | | | | 14 | 8 |
| 279 | 977 | 76 | | | 255 | 01 | | | | | | | 15 | 8 |
| 371 | 962 | 84 | | | | | | | | | | | 15 | 8 |
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| 007 | 101 | 50 | | | | | | | | | | | 22 | 8 |
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| 212 | 182 | 70817 | | | 167 | 80914 | | | | | | | 03 | 1 |
| 412 | 132 | 80852 | | | 049 | 94999 | | | | | | | 03 | 1 |
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| 590 | 101 | 43 | | | | | | | | | | | 03 | 1 |
| 600 | 142 | 71711 | | | 067 | 95996 | | | 547 | 02998 | | | 03 | 1 |
| 635 | 101 | 42 | | | | | | | | | | | 03 | 1 |
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| 808 | 204 | 73823 | 30 | 91 | 143 | 92990 | | | | | | | 03 | 1 |
| 827 | 199 | 70776 | | | 153 | 88992 | | | 645 | 08991 | | | 03 | 1 |
| 60 | | | | | | | | | | | | | | |
| 120 | 101 | 50 | | | | | | | | | | | 03 | 6 |
| 155 | 956 | 85052 | | | 228 | 03 0 | | | | | | | 02 | 8 |
| 390 | 952 | 89011 | | | 222 | 03110 | | | | | | | 02 | 5 |
| 570 | 955 | 88003 | | | 218 | 10110 | | | | | | | 02 | 5 |
| 715 | 473 | 88035 | | | | | | | | | | | 02 | 5 |
| 61 | | | | | | | | | | | | | | |
| 642 | 965 | 81990 | | | 240 | 1 7 | | 6 | 582 | 5**4* | | | 07 | 8 |
| 62 | | | | | | | | | | | | | | |
| 011 | 101 | 50 | | | | | | | | | | | 03 | 5 |
| 053 | 115 | 76 0 | | | 059 | 42 0 | | | 471 | 07**0 | | | 02 | 7 |
| 366 | 101 | 43 | | | | | | | | | | | 03 | 5 |
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| 200 | 065 | 93990 | 27 | 23 | 922 | 08995 | 27 | 19 | | | | | 03 | 1 |
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| 231 | 101 | 50 | | | | | | | | | | | 03 | 1 |
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| 381 | 049 | 92993 | | | 911 | 05990 | | | 398 | 97994 | | | 03 | 1 |
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| 409 | 101 | 42 | | | | | | | | | | | 03 | 1 |
| 439 | 101 | 42 | | | | | | | | | | | 03 | 1 |
| 454 | | | | | | | | | | | | | 03 | 1 |
| 485 | 101 | 43 | | | | | | | | | | | 03 | 1 |
| 72 | | | | | | | | | | | | | | |
| 202 | 173 | 82866 | 04 | 39 | 071 | 03999 | 07 | 39 | | | | | 03 | 1 |
| 208 | 189 | 82994 | 04 | 21 | 089 | | | | | | | | 03 | 1 |
| 211 | 184 | 83993 | | | 076 | 05997 | | | | | | | 03 | 1 |
| 219 | 186 | 84895 | 04 | 11 | 074 | 06993 | | | 436 | 17995 | | | 03 | 1 |
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| 240 | 187 | 83957 | | | 077 | 06990 | | | | | | | 03 | 1 |
| 250 | 192 | 81995 | 11 | 14 | 092 | 03996 | 11 | 21 | | | | | 03 | 1 |
| 253 | 101 | 58 | | | | | | | | | | | 03 | 1 |
| 259 | 181 | 81991 | 25 | 14 | | | | | | | | | 03 | 1 |
| 265 | 187 | 81992 | 19 | 6 | 085 | 04991 | 18 | 11 | 456 | 22991 | 14 | 10 | 03 | 1 |
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| 317 | 192 | 84998 | 02 | 17 | 081 | 03998 | 35 | 19 | 460 | ***** | | | 03 | 1 |
| 327 | 194 | 82896 | 31 | 8 | 092 | 03998 | 32 | 16 | | | | | 03 | 1 |
| 340 | 200 | 80889 | 26 | 18 | 101 | 03992 | 27 | 13 | 482 | 21992 | 07 | 19 | 04 | 1 |
| 353 | 186 | 81997 | 30 | 23 | 088 | 01998 | 29 | 11 | | | | | 03 | 1 |
| 365 | 173 | 83922 | 21 | 24 | 067 | 03993 | 19 | 29 | | | | | 03 | 1 |
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| 394 | 138 | 88999 | 25 | 27 | 016 | 04998 | 27 | 28 | 445 | ***** | | | 03 | 1 |
| 405 | 190 | 83932 | | | 084 | 03991 | | | 470 | 19992 | | | 03 | 1 |
| 445 | 181 | 79887 | 23 | 18 | | | | | | | | | 03 | 1 |
| 451 | | | | | | | | | | | | | 03 | 1 |
| 476 | 174 | 82895 | 21 | 49 | 072 | 03991 | 20 | 50 | 472 | ***** | | | 03 | 1 |
| 486 | 146 | 86999 | | | 028 | 04994 | | | 451 | 14990 | | | 03 | 1 |
| 493 | 112 | 90990 | 25 | 34 | 983 | 03991 | | | 419 | 12990 | | | 03 | 1 |
| 506 | 156 | 83941 | | | 046 | 05997 | | | | | | | 03 | 1 |
| 518 | 152 | 83937 | | | 040 | 06993 | | | | | | | 03 | 1 |
| 520 | 185 | 83996 | | | 075 | 05991 | | | 461 | 15996 | | | 03 | 1 |
| 528 | 101 | 50 | | | | | | | | | | | 03 | 1 |
| 534 | 126 | 82851 | | | 074 | 04990 | | | 457 | 20990 | | | 03 | 1 |
| 536 | 187 | 82882 | | | 082 | 04991 | | | 460 | ***** | | | 03 | 1 |
| 553 | 181 | 81929 | | | 079 | 02997 | | | | | | | 03 | 1 |
| 562 | 176 | 81993 | | | 074 | 04994 | | | 444 | ***** | | | 03 | 1 |
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| 606 | 131 | 84903 | | | 019 | | | | | | | | 03 | 1 |
| 655 | 101 | 50 | | | | | | | | | | | 03 | 1 |
| 662 | 178 | 81851 | 23 | 28 | 079 | 01996 | 24 | 31 | | | | | 03 | 1 |
| 681 | 092 | 92999 | 22 | 55 | 963 | 01993 | | | 416 | 09992 | | | 03 | 1 |
| 712 | 101 | 50 | | | | | | | | | | | 03 | 1 |
| 734 | 157 | | | | | | | | | | | | 04 | 1 |
| 747 | 156 | 85934 | 28 | 50 | 044 | 04993 | 28 | 54 | | | | | 03 | 1 |
| 764 | 161 | 83888 | 25 | 43 | 055 | 03994 | 24 | 60 | 461 | 13996 | 19 | 35 | 03 | 1 |
| 768 | 120 | 87990 | | | 005 | 01995 | | | | | | | 03 | 1 |
| 775 | 110 | 89998 | | | 984 | 06992 | | | 425 | 08998 | | | 03 | 1 |
| 785 | 080 | 91997 | 19 | 61 | 949 | 03993 | | | | | | | 03 | 1 |
| 798 | 050 | 93993 | 21 | 22 | 930 | 95998 | 22 | 24 | 451 | 95992 | 17 | 17 | 03 | 1 |
| 816 | 936 | 90998 | 28 | 13 | 846 | 88997 | 27 | 16 | | | | | 03 | 1 |
| 836 | 083 | 88022 | | | 973 | 96997 | | | | | | | 03 | 1 |
| 867 | 151 | 82998 | | | 054 | 97995 | | | | | | | 03 | 1 |
| 879 | 067 | 91993 | 21 | 62 | 933 | 05991 | 21 | 47 | 415 | 02994 | 21 | 33 | 03 | 1 |
| 906 | 979 | 95990 | | | 854 | 95992 | | | 338 | 97994 | | | 03 | 1 |
| 907 | 101 | 50 | | | | | | | | | | | 03 | 1 |
| 909 | 101 | 50 | | | | | | | | | | | 04 | 1 |
| 913 | 070 | 91994 | 31 | 56 | 945 | 00994 | 30 | 48 | 436 | 00997 | 29 | 12 | 03 | 1 |
| 915 | 998 | 97995 | | | 876 | 95997 | | | 390 | 95997 | | | 03 | 1 |
| 917 | 966 | 97999 | 32 | 36 | 842 | 93992 | 30 | 11 | | | | | 03 | 1 |
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| 926 | 046 | 94990 | | | 908 | 02994 | | | | | | | 03 | 1 |
| 934 | 053 | 92990 | | | 933 | 00990 | | | 428 | 98995 | | | 03 | 1 |
| 938 | 101 | 59 | | | | | | | | | | | 03 | 1 |
| 945 | 007 | 91994 | | | 910 | 91994 | | | 443 | 93998 | | | 03 | 1 |
| 964 | | | | | | | | | | | | | 03 | 1 |
| 968 | 950 | 93993 | | | | | | | | | | | 02 | 1 |
| 74 | | | | | | | | | | | | | | |
| 043 | 977 | 98993 | | | 869 | 92996 | | | | | | | 03 | 1 |
| 072 | 884 | 92992 | | | 798 | 88996 | | | | | | | 03 | 1 |
| 074 | 948 | 99995 | | | 337 | 91995 | | | 375 | 99995 | | | 03 | 1 |
| 090 | 960 | 97997 | 33 | 34 | 946 | 92994 | 33 | 4 | 378 | 93995 | 32 | 21 | 03 | 1 |
| 109 | 036 | 92994 | | | 932 | 91997 | | | 464 | 93990 | | | 03 | 1 |
| 188 | 964 | 95993 | | | 844 | 47990 | | | | | | | 03 | 1 |
| 76 | | | | | | | | | | | | | | |
| 458 | 178 | 81927 | | | 064 | 04992 | | | 423 | ***** | | | 02 | 1 |
| 491 | 198 | 81991 | | | 095 | 04986 | | | 426 | 26979 | | | 02 | 1 |
| 644 | 180 | 82991 | | | 074 | 04999 | | | | | | | 03 | 1 |
| 679 | 181 | 79858 | | | 085 | 02993 | | | | | | | 03 | 1 |
| 78 | | | | | | | | | | | | | | |
| 016 | 121 | 87992 | 60 | 13 | 017 | 07991 | | | | | | | 03 | 1 |
| 325 | | | | | | | | | | | | | | |
| 395 | 159 | 84990 | 25 | 10 | 053 | 03998 | 26 | 26 | | | | | 03 | 1 |
| 501 | 177 | 83991 | | | 069 | 05990 | | | 443 | 18995 | | | 03 | 1 |

# RADIOSONDE AND RAWINSONDE DATA
## SIGNIFICANT LEVELS

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| 030 | 011 | 14113 | 940 | 09069 | 788 | 01006 | 750 | 00513 | 03 | 8 |
| 384 | 990 | 09088 | 964 | 16102 | 946 | 16099 | 641 | 56604 | 03 | 5 |
| 415 | 012 | 13122 | 987 | 12108 | 970 | 13098 | 935 | 12072 | 03 | 8 |
| 02 | | | | | | | | | | |
| 057 | 015 | 16149 | 888 | 14991 | 759 | 03532 | 679 | 51592 | 03 | 8 |
| 077 | 013 | 12101 | 985 | 17101 | 856 | 07009 | 685 | 51623 | 03 | 5 |
| 084 | 010 | 13093 | 970 | 15085 | 857 | 07027 | 826 | 08011 | 03 | 8 |
| 974 | 010 | 16106 | 005 | 18106 | 932 | 14051 | 914 | 15074 | 03 | 2 |
| 03 | | | | | | | | | | |
| 005 | 012 | 49490 | | | | | | | 02 | 2 |
| 026 | 024 | 51470 | | | | | | | 02 | 2 |
| 476 | 017 | 64017 | | | | | | | 02 | 5 |
| 743 | 008 | 48420 | | | | | | | 02 | 2 |
| 808 | 017 | 49460 | | | | | | | 02 | 2 |
| 917 | 018 | 52470 | 790 | 25180 | 765 | 33220 | 230 | 33**0 | 02 | 2 |
| 953 | 086 | 56 0 | 973 | 50 0 | 832 | 43**0 | 725 | 29**0 | 03 | 2 |
| 04 | | | | | | | | | | |
| 018 | 012 | 09090 | 953 | 06064 | 910 | 10104 | 400 | 77814 | 03 | 1 |
| 202 | 001 | 04021 | 996 | 02005 | 947 | 05524 | 792 | 55622 | 03 | 1 |
| 231 | 995 | 07008 | 920 | 05006 | 895 | 04542 | 840 | 04541 | 09 | 1 |
| 270 | 000 | 10091 | 935 | 14007 | | 10565 | 632 | 53557 | 03 | 1 |
| 339 | 009 | 03 | 902 | 08 | 660 | 61*** | 534 | 67*** | 03 | 5 |
| 360 | 006 | 05 | 916 | 05660 | 872 | 03530 | 828 | 02020 | 03 | 5 |
| 06 | | | | | | | | | | |
| 260 | 019 | 11077 | 966 | 09043 | 840 | 50557 | 820 | 01531 | 03 | 8 |
| 447 | 009 | 10080 | 995 | 12111 | 778 | 52564 | 742 | 51554 | 03 | 8 |
| 610 | 962 | 12113 | 938 | 13099 | 898 | 12083 | 792 | 04033 | 05 | 5 |
| 07 | | | | | | | | | | |
| 110 | | | | | | | | | | |
| 145 | 008 | 09065 | 985 | 12071 | 972 | 12058 | 820 | 01558 | 02 | 8 |
| 190 | 003 | 14082 | 980 | 12084 | 940 | 10042 | 884 | 07032 | 02 | 8 |
| 480 | 996 | 16108 | 974 | 15084 | 805 | 07021 | 778 | 06012 | 02 | 8 |
| 510 | 016 | 12128 | 000 | 15081 | 955 | 15041 | 893 | 11015 | 02 | 5 |
| 645 | 009 | 23134 | 995 | 22135 | 958 | 20119 | 936 | 20127 | 02 | 5 |
| 08 | | | | | | | | | | |
| 509 | 014 | 19171 | 920 | 13113 | 897 | 17105 | 833 | 15529 | 03 | 1 |
| 521 | 011 | 24194 | 927 | 15132 | 913 | 15144 | 906 | 19993 | 14 | 8 |
| 536 | 004 | 27174 | 983 | 24153 | 962 | 25123 | 634 | 00539 | 14 | 8 |
| 10 | | | | | | | | | | |
| 034 | 007 | 53520 | 893 | 51400 | 789 | 35240 | 657 | 18050 | 02 | 7 |
| 338 | 007 | 53500 | 932 | 46430 | 912 | 46430 | 812 | 37340 | 02 | 2 |
| 384 | 007 | 13114 | 807 | 03015 | 585 | 60721 | 700 | 80992 | 03 | 5 |
| 419 | 988 | 51470 | 930 | 43430 | 912 | 43430 | 882 | 27340 | 02 | 2 |
| 633 | 004 | 10068 | 908 | 06041 | 824 | 01544 | 755 | 01673 | 03 | 5 |
| 866 | 958 | 14114 | 778 | 01007 | 754 | 01501 | 673 | 35598 | 03 | 5 |
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| 030 | 996 | 16147 | 905 | 10062 | 750 | 01589 | 715 | 00706 | 03 | 5 |
| 567 | 982 | 13111 | 942 | 11085 | 877 | 06021 | 625 | 59622 | 05 | 5 |
| 16 | | | | | | | | | | |
| 596 | 003 | 65630 | 936 | | | | | | 02 | 2 |
| 17 | | | | | | | | | | |
| 606 | 984 | 62430 | 958 | 71510 | 944 | 72**0 | 540 | 44317 | 02 | 7 |
| 40 | | | | | | | | | | |
| 648 | 996 | 88310 | | | | | | | 02 | 2 |
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| 339 | 977 | 27240 | 985 | 27220 | 832 | 25120 | 621 | 05500 | 15 | 8 |
| 475 | 987 | 28240 | 924 | 28220 | 758 | 19170 | 747 | 16160 | 15 | 8 |
| 867 | 966 | 26230 | 178 | 91 | | | | | 14 | 8 |
| 909 | 001 | 29260 | 951 | 24220 | 918 | 24150 | 740 | 14040 | 14 | 8 |
| 43 | | | | | | | | | | |
| 063 | 943 | 25200 | 841 | 18160 | 445 | 57*** | 260 | 88*** | 14 | 8 |
| 149 | 997 | 28250 | 748 | 15090 | 572 | 02500 | 535 | 53530 | 14 | 8 |
| 279 | 004 | 28230 | 675 | 08080 | 165 | 10*** | | | 14 | 8 |
| 371 | 002 | 24230 | 740 | 14040 | 540 | 55550 | 250 | 93*** | 15 | 8 |
| 45 | | | | | | | | | | |
| 007 | 009 | 28260 | 950 | 26220 | 900 | 21190 | 800 | 16090 | 22 | 8 |
| 47 | | | | | | | | | | |
| 212 | 002 | 14138 | 897 | 11051 | 575 | 34654 | 549 | 57663 | 03 | 1 |
| 412 | 008 | 23166 | 995 | 19124 | 912 | 13102 | 784 | 10062 | 03 | 1 |
| 580 | 004 | 22182 | 946 | 21151 | 820 | 13104 | 752 | 12064 | 03 | 1 |
| 590 | 003 | 19199 | 770 | 10058 | 641 | 01031 | 471 | 50521 | 03 | 1 |
| 600 | 997 | 21196 | 811 | 14148 | 639 | 05055 | 453 | 56569 | 03 | 1 |
| 635 | | | | | | | | | | |
| 671 | 994 | 21201 | 903 | 17169 | 841 | 17189 | 820 | 18154 | 05 | 1 |
| 744 | 001 | 19087 | 960 | 17174 | 893 | 15136 | 800 | 12112 | 03 | 1 |
| 808 | 005 | 19177 | 936 | 17159 | 594 | 06644 | 526 | 03990 | 03 | 1 |
| 827 | 003 | 27211 | 924 | 19143 | 849 | 16091 | 785 | 15062 | 03 | 1 |
| 60 | | | | | | | | | | |
| 120 | 018 | 18144 | 966 | 13104 | 940 | 14075 | 885 | 15545 | 03 | 6 |
| 155 | 010 | 20192 | 985 | 17165 | 953 | 15143 | 920 | 14145 | 02 | 8 |
| 390 | 012 | 19171 | 972 | 26185 | 948 | 25176 | 926 | 27143 | 02 | 5 |
| 570 | 927 | 31006 | 898 | 29005 | 710 | 11638 | 692 | 08653 | 02 | 5 |
| 715 | 016 | 18161 | 925 | 20092 | 815 | 13525 | 700 | 04608 | 02 | 5 |
| 61 | | | | | | | | | | |
| 642 | 006 | 24228 | 937 | 18178 | 885 | 25014 | 845 | 25012 | 07 | 8 |
| 62 | | | | | | | | | | |
| 011 | 017 | 19174 | 995 | 20022 | 805 | 12582 | 670 | 04996 | 03 | 5 |
| 053 | 002 | 67630 | 908 | 69450 | 805 | 53270 | 780 | 53250 | 02 | 7 |
| 366 | 004 | 21172 | 945 | 18165 | 840 | 17664 | 772 | 20**4 | 03 | 5 |
| 70 | | | | | | | | | | |
| 026 | 011 | 00519 | 855 | 56575 | 832 | 54561 | 720 | 56711 | 03 | 1 |
| 133 | 015 | 06024 | 970 | 07572 | 874 | 06572 | 788 | 05037 | 03 | 1 |
| 200 | 017 | 04033 | 980 | 01010 | 966 | 04044 | 836 | 09617 | 03 | 1 |
| 204 | 013 | 05045 | 883 | 08087 | 657 | 53574 | 649 | 51554 | 03 | 1 |
| 219 | 016 | 19086 | 925 | 11054 | 908 | 12022 | 825 | 09599 | 03 | 1 |
| 231 | 001 | 22062 | 886 | 11508 | 652 | 51637 | 630 | 53585 | 03 | 1 |
| 261 | 996 | 15098 | 971 | 11055 | 825 | 01513 | 803 | 50544 | 03 | 1 |
| 273 | 005 | 24106 | 813 | 07004 | 755 | 04637 | 732 | 06642 | 03 | 1 |
| 316 | | | | | | | | | | |
| 350 | | | | | | | | | | |
| 361 | 014 | 11085 | 904 | 03029 | 827 | 03004 | 788 | 03501 | 03 | 1 |
| 381 | 014 | 11092 | | | | | | | 03 | 1 |
| 398 | 014 | 10088 | 629 | 51586 | 604 | 53732 | | | 03 | 1 |
| 409 | | | | | | | | | | |
| 439 | | | | | | | | | | |
| 454 | 020 | 07058 | 945 | 05033 | 917 | 12018 | 900 | 12677 | 03 | 1 |
| 485 | | | | | | | | | | |
| 72 | | | | | | | | | | |
| 202 | 015 | 24215 | 637 | 03517 | 624 | 02603 | 570 | 52565 | 03 | 1 |
| 208 | 015 | 24237 | 911 | 19176 | 822 | 17048 | 626 | 03570 | 03 | 1 |
| 211 | 013 | 24239 | 980 | 25213 | 806 | 15125 | 656 | 08001 | 03 | 1 |
| 219 | 982 | 26229 | 966 | 28218 | 746 | 13046 | 555 | 52556 | 03 | 1 |
| 231 | 015 | 26237 | 618 | 03009 | 594 | 08601 | 516 | 54992 | 03 | 1 |
| 240 | 014 | 26241 | 962 | 23215 | 950 | 26173 | 930 | 24094 | 03 | 1 |
| 250 | 012 | 28242 | 813 | 18101 | 778 | 17001 | 638 | 05545 | 03 | 1 |
| 253 | 985 | 27231 | 965 | 27231 | 896 | 21207 | 563 | 50554 | 03 | 1 |
| 259 | 990 | 29195 | 967 | 28156 | 792 | 14100 | 600 | 01548 | 03 | 1 |
| 265 | 923 | 29163 | 795 | 10182 | 632 | 07531 | 609 | 04535 | 03 | 1 |
| 270 | 878 | 29122 | 540 | 52549 | 465 | 60625 | 400 | 67743 | 03 | 1 |
| 278 | 969 | 33167 | 494 | 59657 | 480 | 61763 | 467 | 62698 | 03 | 1 |
| 304 | 017 | 26229 | 977 | 24234 | 948 | 22203 | 788 | 14082 | 04 | 1 |
| 317 | 985 | 25208 | 965 | 27212 | 762 | 11088 | 754 | 12031 | 03 | 1 |
| 327 | 994 | 23311 | 985 | 28235 | 944 | 26194 | 561 | 50601 | 03 | 1 |
| 340 | 005 | 25248 | 972 | 26247 | 556 | 51561 | 519 | 52702 | 04 | 1 |
| 353 | 965 | 28239 | 944 | 27214 | 798 | 18114 | 537 | 52574 | 03 | 1 |
| 365 | 837 | 26087 | 605 | 03534 | 552 | 52555 | 474 | 59612 | 03 | 1 |
| 386 | 931 | 33022 | 924 | 34067 | 591 | 52581 | 574 | 53653 | 03 | 1 |
| 394 | 005 | 13099 | 986 | 11088 | 946 | 12084 | 902 | 18525 | 03 | 1 |
| 405 | 012 | 29252 | 990 | 30232 | 812 | 17114 | 671 | 06514 | 03 | 1 |
| 445 | 984 | 25213 | 545 | 53543 | 448 | 60664 | 400 | 66701 | 03 | 1 |
| 451 | 920 | 29171 | 908 | 31159 | 594 | 03527 | 562 | 00658 | 03 | 1 |
| 476 | 851 | 24157 | 841 | 26111 | 638 | 05514 | 465 | 59756 | 03 | 1 |
| 486 | 807 | 20027 | 793 | 23049 | 566 | 52637 | 519 | 56731 | 03 | 1 |
| 493 | 014 | 13101 | 968 | 09078 | 953 | 13082 | 907 | 16546 | 03 | 1 |
| 506 | 013 | 18165 | 994 | 22178 | 795 | 10038 | 755 | 09658 | 03 | 1 |
| 518 | 006 | 21105 | 944 | 20053 | 824 | 12022 | 803 | 12612 | 03 | 1 |
| 520 | 972 | 27205 | 952 | 28187 | 812 | 16127 | 738 | 12591 | 03 | 1 |
| 528 | 990 | 22144 | 964 | 22091 | 918 | 19078 | 890 | 18135 | 03 | 1 |
| 534 | 992 | 23228 | 954 | 25204 | 400 | 66682 | 256 | 90933 | 03 | 1 |
| 536 | 992 | 25212 | 975 | 28203 | 400 | 67724 | 259 | 89969 | 03 | 1 |
| 553 | 974 | 30231 | 864 | 21165 | 566 | 00577 | 400 | 67990 | 03 | 1 |
| 562 | 913 | 25193 | 904 | 28200 | 624 | 05503 | 548 | 52623 | 03 | 1 |
| 576 | 829 | 20070 | 788 | 19033 | 608 | 00541 | 570 | 50579 | 03 | 1 |
| 597 | 967 | 20059 | 780 | 05011 | 753 | 05502 | 742 | 05603 | 03 | 1 |
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| 655 | 976 | 18180 | 942 | 21196 | 678 | 06023 | 101 | 58*** | 03 | 1 |
| 662 | 899 | 19184 | 880 | 24171 | 836 | 23102 | 400 | 65685 | 03 | 1 |
| 681 | 907 | 31021 | 616 | 00703 | 400 | 77991 | 240 | 01995 | 03 | 1 |
| 712 | 988 | 11073 | 970 | 16055 | 874 | 10017 | 726 | 53990 | 03 | 1 |
| 734 | 993 | 15121 | 967 | 16107 | 934 | 14068 | 547 | 54547 | 04 | 1 |
| 747 | 974 | 17148 | 757 | 08087 | 400 | 67809 | 332 | 80863 | 03 | 1 |
| 764 | 951 | 22199 | 400 | 67748 | 350 | 75796 | 265 | 89989 | 03 | 1 |
| 768 | 934 | 19151 | 880 | 16122 | 779 | 12054 | 646 | 04588 | 03 | 1 |
| 775 | 885 | 15124 | 865 | 16096 | 590 | 53578 | 520 | 57719 | 03 | 1 |
| 785 | 926 | 24014 | 677 | 03572 | 543 | 61631 | 530 | 64703 | 03 | 1 |
| 798 | 013 | 11107 | 975 | 09074 | 933 | 07990 | 892 | 05044 | 03 | 1 |
| 816 | 989 | 09039 | 804 | 51544 | 400 | 82844 | 360 | 90912 | 03 | 1 |
| 836 | 021 | 07055 | 011 | 10071 | 961 | 09032 | 939 | 07034 | 03 | 1 |
| 867 | 984 | 19081 | 966 | 20061 | 951 | 20061 | 829 | 13544 | 03 | 1 |
| 879 | 928 | 18123 | 918 | 21104 | 570 | 59605 | 496 | 63787 | 03 | 1 |
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| 913 | 019 | 17111 | 956 | 15063 | 899 | 12016 | 816 | 05517 | 03 | 1 |
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| 74 | | | | | | | | | | |
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| 072 | 990 | 01502 | 749 | 62642 | 730 | 59612 | 616 | 62787 | 03 | 1 |
| 074 | 994 | 01019 | 958 | 00008 | 930 | 03031 | 580 | 63667 | 03 | 1 |
| 090 | 010 | 51547 | 950 | 02505 | 777 | 55572 | 737 | 58683 | 03 | 1 |
| 109 | 014 | 14086 | 943 | 10087 | 763 | 01571 | 475 | 69807 | 03 | 1 |
| 188 | 000 | 11057 | 733 | 56596 | 715 | 53585 | | 65667 | 03 | 1 |
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| 458 | 008 | 28248 | 973 | 21209 | 930 | 24181 | 800 | 16133 | 02 | 1 |
| 491 | 972 | 30195 | 833 | 21141 | 019 | 21093 | 807 | 21091 | 02 | 1 |
| 644 | 011 | 27234 | 723 | 09054 | 688 | 06026 | 682 | 07031 | 03 | 1 |
| 679 | 774 | 15115 | 692 | 10043 | 555 | 52544 | 510 | 56586 | 03 | 1 |
| 78 | | | | | | | | | | |
| 016 | 021 | 25232 | 951 | 16150 | 756 | 02517 | 447 | 66788 | 03 | 1 |
| 325 | 010 | 26212 | | | | | | | 04 | 1 |
| 395 | 012 | 22228 | 705 | 06155 | 635 | 02575 | 605 | 02616 | 03 | 1 |
| 501 | 014 | 26234 | 960 | 23201 | 861 | 19093 | 660 | 05508 | 03 | 1 |

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| 030 | 654 | 56622 | 400 | 83869 | 270 | 05**3 | 250 | 06**0 | 03 | 8 |
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| 02 | | | | | | | | | | |
| 057 | 248 | 01998 | 199 | 93991 | | | | | 03 | 8 |
| 077 | 331 | 92994 | 258 | 00997 | 162 | 94996 | | | 03 | 5 |
| 084 | 570 | 59688 | 544 | 61704 | 487 | 68767 | 469 | 68767 | 03 | 8 |
| 974 | 604 | 59621 | 595 | 59621 | 535 | 64685 | | | 03 | 2 |
| 03 | | | | | | | | | | |
| 005 | | | | | | | | | | |
| 026 | | | | | | | | | | |
| 476 | | | | | | | | | | |
| 743 | | | | | | | | | | |
| 808 | | | | | | | | | | |
| 917 | 120 | 39 0 | | | | | | | 02 | 2 |
| 953 | 590 | 19 0 | 432 | 85 0 | 271 | 49**0 | 210 | 37**0 | 03 | 2 |
| 04 | | | | | | | | | | |
| 018 | 320 | 90951 | 214 | | 180 | 02994 | | | 03 | 1 |
| 202 | 765 | 54651 | 400 | 86966 | 379 | 89989 | 277 | 01993 | 03 | 1 |
| 231 | 670 | 55603 | 650 | 55595 | 550 | 63666 | 450 | 74991 | 09 | 1 |
| 270 | 506 | 66724 | 463 | 69731 | 400 | 77805 | 318 | 90933 | 03 | 1 |
| 339 | 524 | 65 | 400 | 77 | 336 | 85*** | 300 | 80*** | 03 | 5 |
| 360 | 800 | 30300 | 748 | 02020 | 634 | 54050 | 222 | 00990 | 03 | 5 |
| 06 | | | | | | | | | | |
| 260 | 704 | 53643 | 586 | 62737 | 436 | 76899 | 397 | 82*** | 03 | 8 |
| 447 | 665 | 53602 | 560 | 61792 | 267 | 00**2 | 230 | 99**2 | 03 | 8 |
| 610 | 258 | 03571 | 586 | 56274 | 561 | 58804 | 435 | 72881 | 05 | 5 |
| 07 | | | | | | | | | | |
| 110 | 905 | 06048 | 889 | 06040 | 870 | 06035 | 820 | 04603 | 02 | 5 |
| 145 | 808 | 08575 | 762 | 02671 | 650 | 55742 | 640 | 57760 | 02 | 8 |
| 190 | 865 | 05001 | 885 | 03511 | 762 | 50536 | 730 | 51554 | 02 | 8 |
| 480 | 753 | 06011 | 617 | 00581 | 427 | 74794 | 348 | 77864 | 02 | 8 |
| 510 | 864 | 08514 | 814 | 08626 | 748 | 06645 | 693 | 02673 | 02 | 5 |
| 645 | 850 | 14065 | 775 | 11040 | 754 | 10012 | 735 | 08503 | 02 | 5 |
| 08 | | | | | | | | | | |
| 509 | 632 | 51598 | 593 | 56618 | 524 | 59715 | 400 | 74991 | 03 | 1 |
| 521 | 878 | 20071 | 785 | 13032 | 727 | 09574 | 678 | 04568 | 14 | 8 |
| 536 | 568 | 55614 | 548 | 56737 | 493 | 61674 | | | 14 | 8 |
| 10 | | | | | | | | | | |
| 034 | 474 | 77640 | 437 | 66540 | 382 | 52500 | 356 | 55**0 | 02 | 7 |
| 338 | 795 | 37330 | 727 | 27245 | 643 | 31904 | | | 02 | 2 |
| 384 | 332 | 89990 | 677 | 97998 | 266 | 93970 | 225 | 92995 | 03 | 5 |
| 419 | 810 | 32270 | 805 | 34210 | 794 | 34280 | 695 | 23210 | 02 | 2 |
| 633 | 690 | 52681 | 529 | 64802 | 400 | 76863 | 246 | 98992 | 03 | 5 |
| 866 | 650 | 55739 | 473 | 69997 | 400 | 78997 | 327 | 90982 | 03 | 5 |
| 11 | | | | | | | | | | |
| 030 | 650 | 51 0 | 600 | 53731 | 442 | 70753 | 400 | 76881 | 03 | 5 |
| 567 | 600 | 59762 | 512 | 64797 | 423 | 77871 | 350 | 84991 | 05 | 5 |
| 16 | | | | | | | | | | |
| 596 | | | | | | | | | | |
| 17 | | | | | | | | | | |
| 606 | | | 470 | 25109 | | | | | 02 | 7 |
| 40 | | | | | | | | | | |
| 648 | | | | | | | | | | |
| 42 | | | | | | | | | | |
| 339 | 610 | 06530 | 578 | 02550 | 540 | 00590 | 171 | 09*** | 15 | 8 |
| 475 | 689 | 15100 | 643 | 11110 | 616 | 11090 | 533 | 05020 | 15 | 8 |
| 867 | | | | | | | | | | |
| 909 | 719 | 15500 | 661 | 13550 | 500 | 53*** | | | 14 | 8 |
| 43 | | | | | | | | | | |
| 063 | | | | | | | | | | |
| 149 | 415 | 60 | 340 | 71 | | | | | 14 | 8 |
| 279 | | | | | | | | | | |
| 371 | | | | | | | | | | |
| 45 | | | | | | | | | | |
| 007 | 750 | 14 0 | 650 | 10 0 | 600 | 07**0 | 550 | 02**0 | 22 | 8 |
| 47 | | | | | | | | | | |
| 212 | 400 | 64749 | 375 | 66753 | 355 | 66763 | 171 | 84939 | 03 | 1 |
| 412 | 720 | 06004 | 643 | 01507 | 556 | 54567 | 455 | 62652 | 03 | 1 |
| 580 | 668 | 07995 | 620 | 03994 | 598 | 03994 | 400 | 66783 | 03 | 1 |
| 590 | 545 | 00515 | 414 | 59639 | 379 | 59667 | 101 | 52*** | 03 | 1 |
| 600 | 356 | 67675 | 279 | 79801 | 219 | 90997 | 169 | 02997 | 03 | 1 |
| 635 | | | | | | | | | | |
| 671 | 791 | 16120 | 763 | 14099 | 715 | 14057 | 571 | 05684 | 05 | 1 |
| 744 | 733 | 08087 | 627 | 03019 | 533 | 52592 | 400 | 64761 | 03 | 1 |
| 808 | 486 | 51690 | 460 | 53664 | 400 | 59758 | 360 | 65993 | 03 | 1 |
| 827 | 653 | 10513 | 404 | 57645 | 304 | 70772 | 228 | 80999 | 03 | 1 |
| 60 | | | | | | | | | | |
| 120 | 835 | 12014 | 798 | 08046 | 683 | 02585 | 627 | 52704 | 03 | 6 |
| 155 | 912 | 13111 | 875 | 17083 | 850 | 16057 | 795 | 13046 | 02 | 8 |
| 390 | 810 | 17021 | 723 | 10564 | 684 | 05610 | 652 | 03646 | 02 | 5 |
| 570 | 636 | 01686 | 606 | 50685 | 515 | 62771 | 464 | 67811 | 02 | 5 |
| 715 | 568 | 59984 | 452 | 68861 | 257 | 92**0 | | | 02 | 5 |
| 61 | | | | | | | | | | |
| 648 | 467 | 65714 | 462 | 65777 | 447 | 64991 | 290 | 82**4 | 07 | 8 |
| 62 | | | | | | | | | | |
| 011 | 590 | 54990 | 550 | 99993 | 454 | 64995 | 101 | 48*** | 03 | 5 |
| 053 | 693 | 42040 | 670 | 42030 | 386 | 91**0 | 372 | 91**0 | 02 | 7 |
| 366 | 435 | 57 4 | 400 | 63 1 | | | | | 03 | 5 |
| 70 | | | | | | | | | | |
| 026 | 683 | 56669 | 662 | 59758 | 448 | 77893 | 400 | 83995 | 03 | 1 |
| 133 | 622 | 54608 | 580 | 58619 | 571 | 58631 | 531 | 60777 | 03 | 1 |
| 200 | 608 | 56688 | 480 | 67805 | 456 | 70767 | 427 | 73855 | 03 | 1 |
| 204 | 635 | 51715 | 476 | 68833 | 400 | 77893 | 318 | 90000 | 03 | 1 |
| 219 | 758 | 07643 | 680 | 01698 | 655 | 00996 | 603 | 52716 | 03 | 1 |
| 231 | 590 | 56744 | 530 | 68683 | 504 | 64805 | 417 | 72999 | 03 | 1 |
| 261 | 789 | 00374 | 741 | 50667 | 675 | 53992 | 101 | 58*** | 03 | 1 |
| 273 | 690 | 03601 | 665 | 01681 | 602 | 55726 | 400 | 76802 | 03 | 1 |
| 316 | | | | | | | | | | |
| 350 | | | | | | | | | | |
| 361 | 767 | 02546 | 746 | 00534 | 687 | 00525 | 620 | 53591 | 03 | 1 |
| 381 | | | 400 | 76792 | 324 | 88932 | 218 | 07994 | 03 | 1 |
| 398 | | | | | | | | | | |
| 409 | | | | | | | | | | |
| 439 | | | | | | | | | | |
| 454 | 684 | 02702 | 657 | 00661 | 600 | 52604 | 552 | 55753 | 03 | 1 |
| 485 | | | | | | | | | | |
| 72 | | | | | | | | | | |
| 202 | 558 | 53654 | 521 | 54617 | 493 | 54658 | 400 | 67809 | 03 | 1 |
| 208 | 594 | 00633 | 572 | 01662 | 456 | 59993 | 400 | 66991 | 03 | 1 |
| 211 | 534 | 53572 | 518 | 53693 | 475 | 57754 | 400 | 67996 | 03 | 1 |
| 219 | 543 | 52613 | 514 | 53721 | 453 | 60774 | 425 | 65721 | 03 | 1 |
| 231 | 101 | 68 | 059 | 52 | 101 | 45*** | | | 03 | 1 |
| 240 | 632 | 04644 | 566 | 50695 | 400 | 66995 | 314 | 80926 | 03 | 1 |
| 250 | 613 | 03633 | 552 | 50704 | 400 | 65994 | 175 | 09999 | 03 | 1 |
| 253 | 534 | 53594 | 510 | 53703 | 400 | 64999 | 358 | 70994 | 03 | 1 |
| 259 | 572 | 00711 | 400 | 65997 | 256 | 90990 | 101 | 55*** | 03 | 1 |
| 265 | 568 | 01689 | 448 | 61784 | 416 | 64728 | 400 | 67761 | 03 | 1 |
| 270 | 356 | 72783 | 262 | 90983 | 158 | 17992 | 124 | 22995 | 03 | 1 |
| 278 | 440 | 65718 | 413 | 69808 | 400 | 71784 | 378 | 74784 | 03 | 1 |
| 304 | 745 | 10054 | 718 | 10573 | 600 | 03997 | 400 | 68811 | 04 | 1 |
| 317 | 662 | 07010 | 641 | 07637 | 400 | 68990 | 125 | 22995 | 03 | 1 |
| 327 | 400 | 67826 | 365 | 71994 | 347 | 73878 | 260 | 90972 | 03 | 1 |
| 340 | 485 | 56645 | 467 | 57734 | 438 | 61695 | 400 | 65776 | 04 | 1 |
| 353 | 484 | 56688 | 468 | 58671 | 400 | 65808 | 354 | 72866 | 03 | 1 |
| 365 | 481 | 65663 | 400 | 68715 | 345 | 74841 | 292 | 84916 | 03 | 1 |
| 386 | 565 | 51695 | 555 | 51996 | 400 | 71996 | 128 | 14996 | 03 | 1 |
| 394 | 863 | 19031 | 768 | 12006 | 755 | 12612 | 400 | 71993 | 03 | 1 |
| 405 | 659 | 06562 | 588 | 50533 | 573 | 00569 | 477 | 57731 | 03 | 1 |
| 445 | 293 | 80898 | | | | | | | 03 | 1 |
| 451 | 538 | 50674 | | | | | | | 03 | 1 |
| 476 | 400 | 67772 | 353 | 73798 | 262 | 89983 | 164 | 12991 | 03 | 1 |
| 486 | 400 | 70997 | 292 | 88993 | 082 | 15996 | 066 | 12994 | 03 | 1 |
| 493 | 878 | 16568 | 835 | 13607 | 817 | 11508 | 765 | 11595 | 03 | 1 |
| 506 | 602 | 01711 | 594 | 00569 | 414 | 66726 | 400 | 67779 | 03 | 1 |
| 518 | 773 | 12605 | 705 | 08592 | 675 | 04505 | 570 | 52551 | 03 | 1 |
| 520 | 710 | 12601 | 678 | 08507 | 612 | 01526 | 588 | 50564 | 03 | 1 |
| 528 | 833 | 14105 | 807 | 16073 | 504 | 58595 | 101 | 55*** | 03 | 1 |
| 534 | 158 | 14992 | 105 | 20995 | 080 | 11998 | | | 03 | 1 |
| 536 | 167 | 13998 | 138 | 20990 | 121 | 18993 | | | 03 | 1 |
| 553 | 310 | 79898 | 268 | 88986 | 180 | 05991 | 101 | 68*** | 03 | 1 |
| 562 | 472 | 61673 | 448 | 62761 | 400 | 68813 | 386 | 68847 | 03 | 1 |
| 576 | 554 | 51667 | 514 | 56741 | 400 | 70994 | 334 | 80921 | 03 | 1 |
| 597 | 733 | 04569 | 729 | 04625 | 635 | 53625 | 580 | 57755 | 03 | 1 |
| 606 | 883 | 17561 | 677 | 03661 | 652 | 01573 | 618 | 50668 | 03 | 1 |
| 655 | | | | | | | | | | |
| 662 | 255 | 89935 | 170 | 09991 | | | | | 03 | 1 |
| 681 | 178 | 01991 | 103 | 09993 | 075 | 07994 | | | 03 | 1 |
| 712 | 698 | 51681 | 674 | 51724 | 400 | 78992 | 168 | 08769 | 03 | 1 |
| 734 | 400 | 69732 | 313 | 80905 | | | | | 04 | 1 |
| 747 | 276 | 89988 | 150 | 13997 | 132 | 12996 | | | 03 | 1 |
| 764 | 162 | 11998 | 125 | 14999 | | | | | 03 | 1 |
| 768 | 487 | 69721 | 400 | 73791 | 356 | 77911 | 319 | 83956 | 03 | 1 |
| 775 | 400 | 72836 | 318 | 88981 | 093 | 11990 | 040 | 01991 | 03 | 1 |
| 785 | 517 | 62747 | 400 | 75886 | 705 | 452** | | | 03 | 1 |
| 798 | 835 | 05603 | 568 | 59747 | 466 | 71781 | 400 | 78829 | 03 | 1 |
| 816 | 330 | 91994 | 208 | 88990 | 135 | 95997 | 101 | 58*** | 03 | 1 |
| 836 | 917 | 08031 | 807 | 02581 | 762 | 01653 | 586 | 57765 | 03 | 1 |
| 867 | 776 | 10508 | 547 | 55633 | 440 | 64792 | 400 | 67805 | 03 | 1 |
| 879 | 415 | 72991 | 400 | 75994 | 212 | 08991 | 173 | 97998 | 03 | 1 |
| 906 | 727 | 55555 | 664 | 60632 | 590 | 62792 | 553 | 64792 | 03 | 1 |
| 907 | 541 | 65684 | 437 | 76799 | 101 | 65*** | 054 | 44*** | 03 | 1 |
| 909 | | | | | | | | | | |
| 913 | 764 | 02659 | 591 | 59715 | 555 | 62726 | 461 | 70996 | 03 | 1 |
| 915 | 790 | 00570 | 557 | 67817 | 400 | 84891 | 285 | 00990 | 03 | 1 |
| 917 | 672 | 56595 | 400 | 82864 | 254 | 89935 | 266 | 87726 | 03 | 1 |
| 918 | 612 | 63648 | 538 | 68713 | 423 | 81830 | 400 | 83887 | 03 | 1 |
| 924 | 584 | 64683 | 555 | 66994 | | | 512 | 71990 | 03 | 1 |
| 926 | 822 | 05676 | 687 | 53851 | 585 | 59837 | 400 | 79963 | 03 | 1 |
| 934 | 560 | 61636 | 400 | 76819 | 222 | 05995 | 083 | 98996 | 03 | 1 |
| 938 | | | | | | | | | | |
| 945 | 632 | 57651 | 589 | 60661 | 545 | 65716 | 442 | 72802 | 03 | 1 |
| 964 | | | | | | | | | | |
| 968 | 531 | 70777 | 524 | 70779 | 400 | 83914 | | | 02 | 1 |
| 74 | | | | | | | | | | |
| 043 | 147 | 92993 | | | | | | | 03 | 1 |
| 072 | 400 | 85997 | 332 | 90990 | 278 | 94990 | 265 | 90992 | 03 | 1 |
| 074 | 400 | 82928 | | 87997 | 266 | 03998 | 100 | 89995 | 03 | 1 |
| 090 | 715 | 57744 | 400 | 82998 | 270 | 98999 | 226 | 92992 | 03 | 1 |
| 109 | 400 | 81894 | 535 | 87946 | 250 | 94991 | 054 | 90999 | 03 | 1 |
| 188 | 400 | 80914 | 340 | 90990 | 280 | 98992 | 136 | 95998 | 03 | 1 |
| 76 | | | | | | | | | | |
| 458 | 606 | 04550 | 400 | 66739 | 393 | 68771 | 364 | 71787 | 02 | 1 |
| 491 | 679 | 09085 | 632 | 05549 | 594 | 02557 | 573 | 50586 | 02 | 1 |
| 644 | 590 | 02561 | 485 | 57662 | | 60684 | 420 | 64795 | 03 | 1 |
| 679 | 482 | 56628 | 413 | 64711 | 400 | 65709 | 350 | 72755 | 03 | 1 |
| 78 | | | | | | | | | | |
| 016 | 400 | 71992 | | 90990 | 175 | 13993 | | | 03 | 1 |
| 325 | | | | | | | | | | |
| 395 | 567 | 51592 | 525 | 54663 | 400 | 68706 | 350 | 76823 | 03 | 1 |
| 501 | 607 | 03591 | 530 | 54605 | 400 | 68804 | 348 | 74687 | 03 | 1 |

## JULY 6

# RADIOSONDE AND RAWINSONDE DATA

| Index No. iii | Station Name | 1000 mb. hhh | TTTTT ddx | dd | ff | 850 mb. hhh | TTTTT ddx | dd | ff | 700 mb. hhh | TTTTT ddx | dd | ff | 500 mb. hhh | TTTTT ddx | dd | ff | Hour GG | Code Type |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 525 | SAN JUAN | 051 | 26226 | 09 | 23 | 514 | 16116 | 11 | 16 | 052 | 08538 | 33 | 3 | *** | ***** | | | 03 | 1 |
| 806 | ALBROOK FLD | 036 | 233 | 31 | 2 | 499 | 07154 | 17 | 4 | 036 | 09056 | 14 | 19 | 929 | 05558 | 14 | 13 | 03 | 1 |
| 862 | COOLIDGE FLD | 049 | 25232 | 09 | 17 | 512 | 16153 | 09 | 23 | 049 | 08021 | 07 | 16 | *** | ***** | | | 03 | 1 |
| 967 | CHAGUARAMAS | 045 | 24219 | | | 502 | 17154 | | | 048 | 11025 | | | 943 | 54629 | | | 03 | 1 |
| 972 | WALLER FIELD | 035 | 23837 | 06 | 13 | 507 | 16131 | 05 | 19 | 043 | 09591 | 08 | 27 | 931 | 57721 | 07 | 18 | 03 | 1 |
| | BLOCK 91 | | | | | | | | | | | | | | | | | | |
| 066 | MIDWAY ISL | 058 | 24174 | 05 | 20 | 516 | 13092 | 07 | 21 | 049 | 08995 | 05 | 30 | 929 | 59997 | 06 | 31 | 03 | 1 |
| 115 | IWO JIMA | 039 | 28239 | 17 | 10 | 506 | 18158 | 18 | 11 | 046 | 11993 | 17 | 11 | 943 | 53997 | 25 | 12 | 03 | 1 |
| 182 | HONOLULU | 047 | 24173 | 06 | 15 | 507 | 14106 | 09 | 15 | 040 | 08617 | 11 | 29 | 933 | 57737 | 27 | 2 | 03 | 1 |
| 215 | HARMON FLD | 031 | 31201 | 12 | 9 | 497 | 17069 | 10 | 13 | 031 | 09554 | 08 | 10 | 919 | 56761 | 07 | 15 | 03 | 1 |
| 245 | WAKE ISLAND | 036 | 26208 | 07 | 12 | 501 | 18141 | 09 | 13 | 039 | 11522 | 09 | 23 | 935 | 55721 | 15 | 12 | 04 | 1 |
| 275 | JOHNSON IS | 036 | 27225 | 14 | 9 | 502 | 17128 | 14 | 8 | 040 | 11991 | 21 | 11 | 935 | 55998 | 24 | 29 | 03 | 1 |
| 366 | KWAJALEIN | 027 | 29234 | 09 | 11 | 493 | 19068 | 10 | 11 | 034 | **103 | 09 | 8 | 925 | 54549 | 03 | 9 | 03 | 1 |
| | BLOCK 98 | | | | | | | | | | | | | | | | | | |
| 327 | CLARK FIELD | | | | | 503 | 20127 | 08 | 11 | 045 | 12011 | 12 | 11 | 946 | 52993 | 09 | 21 | 03 | 1 |
| 645 | CEBU | 025 | 28222 | | | 492 | 18145 | | | 027 | 08058 | | | 918 | 55587 | | | 03 | 8 |
| QLL | OCEAN STA | | | | | | | | | | | | | | | | | | |
| 034 | 0 355 400 | 078 | 23191 | 24 | 6 | 538 | 14114 | 25 | 12 | 069 | 04505 | 26 | 9 | 944 | 60736 | 25 | 10 | 03 | 9 |
| 035 | 0 340 520 | 071 | 24203 | 22 | 12 | 532 | 14098 | 24 | 17 | 062 | 04517 | 25 | 17 | 938 | 60688 | 22 | 3 | 03 | 9 |
| 037 | 0 360 700 | 056 | 24215 | 23 | 11 | 518 | 18066 | 23 | 10 | 056 | 08000 | 32 | 5 | 944 | 56746 | 28 | 5 | 03 | 9 |
| 044 | 0 450 450 | 028 | 19183 | 19 | 25 | 485 | 13122 | 21 | 48 | 013 | 05532 | 22 | 34 | 890 | 60646 | 25 | 37 | 03 | 9 |
| 051 | 0 592 187 | 011 | 50490 | 30 | 15 | 525 | 50360 | 32 | 12 | 046 | 32030 | | | 850 | 40371 | 32 | 26 | 03 | 2 |
| 053 | 0 527 355 | 050 | 13122 | 19 | 24 | 498 | 09069 | 19 | 28 | 021 | 04662 | 19 | 32 | 891 | 62993 | 21 | 14 | 03 | 9 |
| 062 | 0 598 195 | 067 | 48460 | 24 | 18 | 510 | 45450 | 25 | 21 | 027 | 31310 | 29 | 15 | 887 | 05020 | 33 | 18 | 03 | 2 |
| 063 | 0 620 330 | 034 | 08089 | 19 | 18 | 481 | 11084 | 24 | 35 | 005 | 01601 | 22 | 27 | 869 | 64785 | 23 | 27 | 03 | 9 |
| 121 | 1 297 198 | 042 | 15121 | | | 495 | 17996 | | | 031 | 11998 | | | 927 | 55992 | | | 03 | 9 |
| 134 | 1 300 400 | 067 | 17113 | 04 | 13 | 516 | 14542 | 05 | 18 | 047 | 06646 | 06 | 19 | 932 | 57999 | 01 | 11 | 03 | 9 |
| 144 | 1 490 480 | 014 | 10094 | 05 | 32 | 465 | 06042 | 06 | 33 | 981 | 51548 | 07 | 29 | 837 | 66724 | | | 03 | 9 |
| 223 | 2 293 350 | 015 | 24 | | | 477 | 20 | | | 023 | 13*** | | | 924 | 00*** | | | 04 | 1 |
| 235 | 2 390 530 | 047 | 18 | | | 492 | 15 | | | 049 | 05*** | | | 952 | 55*** | | | 02 | 9 |
| 246 | 2 440 650 | 062 | 09097 | 01 | 1 | 392 | 10051 | 23 | 16 | 025 | 01001 | 22 | 30 | *** | ***** | | | 03 | 9 |
| 360 | 3 660 020 | 173 | 08052 | 29 | 12 | 500 | 01512 | 26 | 12 | 033 | 55614 | 27 | 14 | 602 | 69769 | 28 | 10 | 03 | 5 |

## JULY 7

| Index No. iii | Station Name | 1000 mb. hhh | TTTTT ddx | dd | ff | 850 mb. hhh | TTTTT ddx | dd | ff | 700 mb. hhh | TTTTT ddx | dd | ff | 500 mb. hhh | TTTTT ddx | dd | ff | Hour GG | Code Type |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | BLOCK 01 | | | | | | | | | | | | | | | | | | |
| 001 | JAN MAYEN | 134 | 04033 | | | 460 | 02001 | | | 012 | 52635 | | | 618 | 66781 | | | 03 | 8 |
| 030 | TROMSO | 175 | 08043 | 27 | 2 | 490 | 51547 | 26 | 18 | 021 | 57621 | 26 | 22 | 568 | 71778 | | | 03 | 5 |
| 384 | GARDERMOEN | 142 | 99999 | | | 500 | 10048 | 04 | 8 | 091 | 51561 | 04 | 8 | 707 | 07696 | | | 03 | 5 |
| 415 | SOLA | 164 | 11101 | | | 540 | 10022 | | | 127 | 52555 | | | 712 | 69723 | | | 03 | 8 |
| | BLOCK 02 | | | | | | | | | | | | | | | | | | |
| 057 | LULEA KALLAS | 156 | 14066 | | | 510 | 08059 | | | 096 | 50528 | | | 704 | 66705 | | | 03 | 8 |
| 077 | STOCKHOLM | 124 | 17131 | 02 | 13 | 510 | 11044 | 05 | 20 | 090 | 51551 | 06 | 20 | 691 | 67735 | 07 | 13 | 03 | 5 |
| 084 | GOTEBORG | 111 | 17139 | | | 493 | 10048 | | | 071 | 52552 | | | 667 | 67737 | | | 03 | 8 |
| | BLOCK 03 | | | | | | | | | | | | | | | | | | |
| 026 | STORNOWAY | 079 | 52440 | | | 517 | 41400 | 34 | 12 | 033 | 32210 | 01 | 18 | 891 | 01950 | 01 | 25 | 02 | 2 |
| 171 | LEUCHARS | 070 | 49410 | | | 508 | 37240 | | | 025 | 33230 | | | 885 | 04980 | | | 02 | 7 |
| 476 | DOWNHAM MKT | 062 | 51450 | 33 | 27 | 499 | 38340 | 34 | 24 | 011 | 27270 | 02 | 16 | *** | ***** | | | 02 | 2 |
| 743 | LARKHILL | 066 | 53460 | | | 506 | 38330 | 02 | 9 | 013 | 24110 | 02 | 9 | 861 | 99570 | 34 | 9 | 02 | 2 |
| 808 | CAMBORNE | 068 | 43490 | 01 | 12 | 506 | 36280 | 09 | 5 | 015 | 27830 | 01 | 10 | 865 | 99670 | 33 | 15 | 02 | 2 |
| 917 | ALDERGROVE | 076 | 47470 | 02 | 5 | 514 | 38350 | 04 | 10 | 026 | 28060 | 04 | 24 | 880 | 02950 | 05 | 24 | 02 | 2 |
| 953 | VALENTIA | 077 | 53 0 | 04 | 9 | 515 | 34 0 | 01 | 11 | 027 | 29**0 | | | 883 | 02**0 | | | 03 | 2 |
| | BLOCK 04 | | | | | | | | | | | | | | | | | | |
| 018 | KEFLAVIK | 067 | 09083 | 18 | 17 | 512 | 09017 | 20 | 20 | 033 | 02571 | 21 | 17 | 902 | 62772 | 20 | 15 | 03 | 1 |
| 202 | THULE | 018 | 06012 | 27 | 3 | 454 | 05623 | 01 | 15 | 968 | 53601 | 35 | 20 | 812 | 70814 | 35 | 35 | 03 | 1 |
| 231 | SUR STROMFRD | 003 | | | | 436 | 02012 | 33 | 9 | 946 | 52538 | 02 | 22 | 799 | 67714 | 33 | 14 | 09 | 1 |
| 270 | NARSSARSSUAK | 022 | 07063 | 00 | | 459 | 04021 | 14 | 4 | 967 | 55990 | 12 | 5 | 812 | 70803 | 18 | 21 | 09 | 1 |
| | BLOCK 06 | | | | | | | | | | | | | | | | | | |
| 180 | KOBENHAVN | 011 | 14112 | 00 | | 469 | 80644 | 00 | | 041 | 52532 | 08 | 22 | 635 | 68714 | 06 | 33 | 03 | 5 |
| 260 | DE BILT | 139 | 11093 | | | 482 | 04039 | | | 053 | 51528 | | | 660 | 67816 | | | 03 | 8 |
| 447 | UCCLE | 170 | 08065 | | | 502 | 03517 | | | 055 | 54632 | | | 638 | 68791 | | | 03 | 8 |
| 610 | PAYERNE | 180 | | | | 530 | 08036 | 05 | 5 | 100 | 51694 | 23 | 15 | 720 | 63285 | 26 | 32 | 05 | 5 |
| | BLOCK 07 | | | | | | | | | | | | | | | | | | |
| 110 | BREST | 189 | 12117 | 03 | 6 | 530 | 04020 | 02 | 8 | 088 | 52597 | 35 | 9 | 690 | 68771 | 32 | 23 | 02 | 5 |
| 145 | TRAPPES | 172 | 14077 | | | 500 | 06060 | | | 110 | 00007 | | | 708 | 65690 | | | 02 | 8 |
| 190 | STRASBOURG | 169 | 09062 | | | 530 | 04015 | | | 059 | 54572 | | | 660 | 65714 | | | 02 | 8 |
| 480 | LYON | 142 | | | | 530 | 11032 | | | 107 | 00544 | | | 733 | 65745 | | | 02 | 8 |
| 510 | BORDEAUX | 146 | 16147 | 34 | 2 | 530 | 10048 | 26 | 6 | 115 | 02522 | 26 | 8 | 757 | 63706 | 25 | 30 | 02 | 5 |
| 645 | NIMES | 129 | 20142 | 36 | 7 | 520 | 13072 | 28 | 10 | 120 | 01527 | 25 | 36 | 760 | 63633 | 25 | 41 | 02 | 5 |
| | BLOCK 08 | | | | | | | | | | | | | | | | | | |
| 509 | LAGENS | 080 | 18161 | 04 | 12 | 530 | 15503 | 35 | 6 | 058 | 03522 | 25 | 10 | 925 | 63727 | 32 | 17 | 03 | 1 |
| 521 | FUNCHAL | 168 | 20146 | | | 558 | 19559 | | | 197 | 0858* | | | 874 | 59761 | | | 14 | 8 |
| 536 | PORTELA | 125 | 24142 | | | 526 | 17054 | | | 148 | 06641 | | | 800 | 65996 | | | 14 | 8 |
| | BLOCK 10 | | | | | | | | | | | | | | | | | | |
| 034 | SCHLESWIG | 041 | 53430 | | | 482 | 43360 | | | 996 | 27140 | | | 342 | 97800 | | | 02 | 2 |
| 384 | TEMPELHOF | 150 | 12082 | 27 | 9 | 488 | 02077 | 26 | 17 | 036 | 56562 | 25 | 13 | 615 | 69848 | 25 | 23 | 03 | 5 |
| 633 | WIESBADEN | 167 | 07064 | 00 | | 499 | 03021 | 28 | 18 | 043 | 56667 | 27 | 23 | 631 | 68992 | 26 | 40 | 03 | 5 |
| 866 | MUNCHEN RIEM | 173 | 99999 | 99 | 99 | 522 | 06003 | 25 | 11 | 032 | 51651 | 26 | 22 | 708 | 65779 | 25 | 43 | 03 | 5 |
| | BLOCK 11 | | | | | | | | | | | | | | | | | | |
| 030 | TULLN | 172 | 13129 | | | 527 | 06069 | 09 | 10 | 096 | 54546 | 25 | 21 | 650 | 71763 | 25 | 46 | 03 | 5 |
| 567 | PRAHA KBELY | 166 | | | | 520 | 02004 | | | 045 | 53584 | | | 629 | 67761 | | | 05 | 5 |
| | BLOCK 17 | | | | | | | | | | | | | | | | | | |
| 606 | NICOSIA | | | | | 499 | 71440 | 33 | 15 | 040 | 56100 | 35 | 16 | 941 | 29710 | 28 | 18 | 14 | 2 |
| | BLOCK 40 | | | | | | | | | | | | | | | | | | |
| 427 | BAHREIN | 509 | | | | 474 | 98110 | 21 | 12 | 035 | 66100 | 01 | 10 | 938 | 19080 | 10 | 15 | 14 | 2 |
| 648 | HABBANIYA | 010 | | | | 479 | 80190 | 33 | 16 | 027 | 58110 | 19 | 12 | 928 | 32930 | 18 | 22 | 02 | 2 |
| | BLOCK 42 | | | | | | | | | | | | | | | | | | |
| 182 | NEW DELHI | 501 | | | | 143 | 20200 | | | 307 | 09*** | | | 579 | 56*** | | | 15 | 8 |
| 339 | JODHPUR | 000 | | | | 144 | 20180 | | | 310 | 12080 | | | 586 | 51*** | | | 15 | 8 |
| 475 | BAMRAULI AL | 501 | | | | 143 | 24190 | | | 312 | 14110 | | | 590 | 50*** | | | 15 | 8 |
| 807 | CALCUTTA | 003 | 26250 | | | 145 | 18160 | | | 210 | 12080 | | | 585 | 54540 | | | 15 | 8 |
| 867 | NAGPUR | 000 | | | | 143 | 19170 | | | 307 | 11090 | | | 583 | ***** | | | 14 | 8 |
| 909 | VERAVAL | 001 | 28240 | | | 143 | 18150 | | | 308 | 13010 | | | 585 | 00550 | | | 14 | 8 |
| | BLOCK 43 | | | | | | | | | | | | | | | | | | |
| 063 | POONA | 003 | | | | 145 | 18160 | | | 310 | 10030 | | | 584 | 53*** | | | 14 | 8 |
| 149 | VIZAGAPATAM | 002 | | | | 144 | 17140 | | | 309 | 09050 | | | 584 | 51580 | | | 14 | 8 |
| 279 | MADRAS | 006 | 28040 | | | 149 | 21160 | | | 315 | 10080 | | | 589 | 54*** | | | 15 | 8 |
| 371 | TRIVANDRUM | 009 | 25240 | | | 151 | 17130 | | | 315 | 14030 | | | 587 | 57*** | | | 15 | 8 |
| | BLOCK 45 | | | | | | | | | | | | | | | | | | |
| 007 | KAI TAK | 005 | 27260 | | | 147 | 21040 | | | 313 | 14560 | | | 589 | 52**0 | | | 22 | 8 |
| | BLOCK 47 | | | | | | | | | | | | | | | | | | |
| 401 | WAKKANAI | 020 | 17123 | | | 365 | 08538 | | | 984 | 00641 | | | 850 | 62755 | | | 03 | 1 |
| 412 | SAPPORO OCMO | | | | | 380 | 13103 | | | 911 | 08062 | | | 807 | 52550 | | | 03 | 1 |
| 580 | MISAWA | 519 | | | | 445 | 09086 | 07 | 16 | 970 | 04026 | 06 | 11 | 851 | 56996 | 09 | 5 | 03 | 1 |
| 590 | SENDAI OCMO | | | | | 443 | 10054 | | | 960 | 50564 | | | 826 | 60693 | | | 04 | 1 |
| 600 | WAJIMA | 007 | 21171 | | | 459 | 12072 | | | 984 | 04660 | | | 827 | 56698 | | | 03 | 1 |
| 635 | NAGOYA | 525 | 218 | | 46 | 614 | 110 | | 99 | 405 | 018** | | 89 | 055 | 704** | | | 10 | 1 |
| 646 | TATENO | | | | | 461 | 18131 | | | 006 | 09086 | | | 902 | 50517 | | | 05 | 1 |
| 671 | TOKYO | 515 | | | | 454 | 19137 | 27 | 8 | 993 | 09041 | 27 | 15 | 886 | 53671 | 25 | 30 | 03 | 1 |
| 744 | YONAGO | 014 | 20176 | | | 466 | 14123 | | | 999 | 10041 | | | 888 | 56653 | | | 03 | 1 |
| 778 | SHIONOMISAKI | 004 | | | | 460 | 15091 | | | 990 | 07008 | | | 880 | 56701 | | | 04 | 1 |
| 808 | ITAZUKE | 101 | 59 | | | | | | | *** | ***** | | | *** | ***** | | | 03 | 1 |
| 827 | KAGOSHIMA | 007 | 20201 | 05 | 11 | 455 | 10109 | 16 | 13 | 979 | 04512 | 36 | 17 | 857 | 56575 | | | 03 | 1 |
| 931 | KADENA OKINW | 035 | 29249 | 21 | 19 | 505 | 25096 | 23 | 22 | 047 | 12513 | 23 | 20 | 947 | 54691 | 26 | 61 | 03 | 1 |
| | BLOCK 60 | | | | | | | | | | | | | | | | | | |
| 120 | PORT LYAUTEY | 038 | 18103 | | | 492 | 14997 | | | 009 | 09995 | | | *** | ***** | | | 03 | 6 |
| 390 | M BLANCHE | 067 | 29226 | 03 | 10 | 530 | 23018 | 22 | 13 | 187 | 08598 | 26 | 4 | 860 | 63778 | 30 | 5 | 02 | 5 |
| | BLOCK 61 | | | | | | | | | | | | | | | | | | |
| 642 | DAKAR OUAKAM | 079 | 25222 | 27 | 5 | 530 | 22207 | 14 | 11 | 153 | 11647 | 07 | 20 | 851 | 58718 | 08 | 20 | 07 | 5 |
| | BLOCK 62 | | | | | | | | | | | | | | | | | | |
| 053 | BENINA | 054 | 66610 | | | 511 | 61480 | | | 045 | 52180 | | | 936 | 18690 | | | 02 | 7 |
| 366 | FAROUK | 113 | 21170 | 33 | 4 | 500 | 12 1 | 36 | 17 | 149 | 12**4 | 04 | 4 | 896 | 00**0 | 29 | 10 | 03 | 5 |
| | BLOCK 70 | | | | | | | | | | | | | | | | | | |
| 026 | BARROW | 032 | 03511 | 06 | 5 | 463 | 02992 | 23 | 8 | 972 | 53996 | 28 | 13 | 824 | 66694 | 27 | 19 | 03 | 1 |
| 133 | KOTZEBUE | 029 | 09046 | 26 | 5 | 470 | 07061 | | | 987 | 51561 | | | 847 | 65766 | | | 03 | 1 |
| 200 | NOME | 034 | 05026 | 15 | 8 | 470 | 07651 | 23 | 16 | 987 | 00990 | 21 | 15 | 846 | 66792 | 20 | 11 | 03 | 1 |
| 204 | GAMBELL | 025 | 05023 | | | 462 | 08551 | | | 982 | 01574 | | | 844 | 63999 | | | 03 | 1 |
| 219 | BETHEL | 031 | 22093 | 21 | 9 | 484 | 10047 | 19 | 8 | 007 | 03673 | 17 | 11 | 876 | 63781 | 18 | 20 | 03 | 1 |
| 231 | MCGRATH | 025 | | | | 485 | 13021 | 26 | 10 | 008 | 02992 | 25 | 12 | 873 | 64796 | 26 | 25 | 03 | 1 |
| 261 | FRBNKS WEEKS | 028 | | | | 476 | 08020 | 27 | 24 | 995 | 00582 | 29 | 30 | 851 | 65698 | 30 | 34 | 03 | 1 |
| 273 | ANCH MERRILL | 036 | 13088 | 28 | 9 | 486 | 11516 | 21 | 9 | 008 | 02598 | 32 | 11 | 875 | 61807 | 32 | 26 | 03 | 1 |
| 291 | NORTHWAY | 026 | | | | 484 | 12037 | 30 | 23 | 004 | 50659 | 32 | 46 | 862 | 65794 | 32 | 46 | 03 | 1 |
| 350 | KODIAK | 101 | 42 | | | | | | | *** | ***** | | | *** | ***** | | | 03 | 1 |
| 361 | YAKUTAT | 052 | 09075 | 15 | 9 | 488 | 01017 | 24 | 6 | 000 | 99999 | 33 | 20 | 861 | ***** | 33 | 31 | 03 | 1 |
| 381 | JUNEAU | 051 | 10077 | 34 | 2 | 489 | 01008 | | | 998 | 52539 | | | 849 | 66721 | | | 03 | 1 |
| 398 | ANNETTE IS | 058 | 09077 | 16 | 4 | 494 | 01501 | 27 | 6 | 002 | 52661 | 28 | 16 | 858 | 65751 | 31 | 21 | 03 | 1 |
| 409 | MASSACRE BAY | | | | | | | | | | | | | | | | | | |
| 439 | AMCHITKA | 101 | 42 | | | | | | | *** | ***** | | | *** | ***** | | | 03 | 1 |
| 454 | LONGVIEW | 042 | 07055 | 23 | 12 | 474 | 02513 | 26 | 26 | 986 | 51734 | 25 | 38 | 856 | 64998 | 25 | 55 | 03 | 1 |
| 485 | FORT GLENN | 037 | 10109 | 21 | 15 | 479 | 08084 | 13 | 23 | 001 | 03563 | 21 | 14 | 875 | 61675 | 22 | 40 | 03 | 1 |
| | BLOCK 72 | | | | | | | | | | | | | | | | | | |
| 202 | MIAMI | 047 | 22208 | 15 | 8 | 507 | 16131 | 21 | 13 | 041 | 07025 | 18 | 9 | 924 | 58647 | 19 | 11 | 03 | 1 |
| 208 | CHARLESTON | 048 | 25237 | 00 | | 513 | 19075 | 12 | 2 | 052 | 09571 | 26 | 3 | 945 | 55990 | 11 | 8 | 03 | 1 |
| 211 | TAMPA | 043 | 25231 | 13 | 5 | 507 | 18133 | | | 045 | 09036 | | | 938 | 57601 | | | 03 | 1 |
| 219 | ATLANTA | 045 | | | | 513 | 18133 | 14 | 4 | 051 | 08049 | 06 | 3 | 941 | 54994 | 16 | 9 | 03 | 1 |
| 231 | NEW ORLEANS | 038 | 26244 | 09 | 5 | 506 | 20151 | 03 | 15 | 048 | 11043 | 09 | 15 | 944 | 55585 | 08 | 13 | 03 | 1 |
| 240 | LAKE CHARLES | 039 | 26236 | | | 508 | 21031 | | | 049 | 09522 | | | 939 | 55992 | | | 03 | 1 |
| 250 | BROWNSVILLE | 036 | 26234 | 14 | 14 | 502 | 21511 | 13 | 16 | 042 | 11600 | 15 | 8 | 937 | 54992 | 02 | 9 | 03 | 1 |
| 253 | SAN ANTONIO | 030 | | | | 500 | 21161 | 19 | 13 | 045 | 12568 | 13 | 7 | 943 | 54991 | 02 | 10 | 03 | 1 |
| 259 | FT WORTH | 032 | | | | 504 | 20144 | 22 | 18 | 048 | 11001 | 28 | 16 | 945 | ***** | | | 03 | 1 |
| 265 | BIG SPRING | 018 | | | | 497 | 24152 | 20 | 20 | 043 | 12032 | 35 | 5 | *** | ***** | | | 04 | 1 |
| 270 | EL PASO | 012 | | | | 493 | 26109 | 30 | 4 | 041 | 12041 | 18 | 8 | 934 | 56583 | | | 03 | 1 |
| 278 | PHOENIX | 018 | | | | 501 | 25058 | 31 | 7 | 048 | 09018 | 26 | 10 | 933 | 59991 | 23 | 10 | 03 | 1 |
| 304 | HATTERAS | 050 | 26223 | 21 | 10 | 513 | 18102 | 23 | 11 | 050 | 08544 | 24 | 7 | 943 | 54708 | 05 | 4 | 03 | 1 |
| 317 | GREENSBORO | 042 | | | | 512 | 19151 | 26 | 23 | 049 | 09056 | 08 | 4 | 942 | 55994 | 26 | 5 | 03 | 1 |
| 327 | NASHVILLE | 041 | | | | 508 | 18164 | | | 047 | 09043 | 21 | 15 | *** | ***** | | | 03 | 1 |
| 340 | LITTLE ROCK | 034 | 28242 | 16 | 4 | 504 | 20151 | 27 | 2 | 045 | 10055 | 32 | 6 | 941 | 54637 | 35 | 4 | 03 | 1 |
| 353 | OKLAHOMA CTY | 023 | | | | 498 | 22167 | 21 | 18 | 044 | 12058 | 06 | 15 | 940 | 55692 | 33 | 3 | 03 | 1 |
| 365 | ALBUQUERQUE | 023 | | | | 497 | | | | 039 | 12032 | 22 | 11 | 937 | 55575 | 17 | 14 | 03 | 1 |
| 386 | LAS VEGAS | 007 | | | | 490 | 27993 | 21 | 15 | 035 | 10563 | 19 | 15 | 918 | 59992 | 23 | 13 | 03 | 1 |
| 394 | SANTA MARIA | 040 | 12107 | 27 | 8 | 495 | 18508 | 35 | 6 | 030 | 08990 | 20 | 1 | 919 | 57994 | 23 | 18 | 03 | 1 |
| 405 | WASHINGTON | 040 | 25215 | | | 505 | 19112 | | | 041 | 09021 | | | 930 | 56598 | | | 03 | 1 |
| 445 | COLUMBIA | 030 | | | | 496 | 20138 | 31 | 2 | 038 | 10049 | 33 | 16 | 934 | 55592 | 36 | 16 | 03 | 1 |
| 451 | DODGE CITY | 017 | | | | 495 | 28167 | 20 | 16 | 050 | 14099 | 23 | 6 | 950 | 54571 | 28 | 12 | 03 | 1 |
| 476 | GRAND JUNC | 033 | | | | 504 | 20122 | 12 | 7 | 043 | 09024 | 32 | 2 | 929 | 57596 | 22 | 18 | 03 | 1 |
| 486 | ELY | 012 | | | | 485 | | | | 032 | 12618 | | | 918 | 59994 | | | 03 | 1 |
| 493 | OAKLAND | 043 | 12098 | 26 | 12 | 496 | 16990 | 28 | 6 | 028 | 07995 | 16 | 3 | 912 | 58999 | 26 | 7 | 03 | 1 |
| 506 | NANTUCKET | 041 | 19161 | 15 | 2 | 497 | 13051 | 29 | 2 | 028 | 06030 | 28 | 31 | 909 | 58602 | 27 | 47 | 03 | 1 |
| 518 | ALBANY | 045 | 17136 | 36 | 3 | 496 | 11097 | 30 | 8 | 023 | 06064 | | | 904 | 58618 | | | 03 | 1 |
| 520 | PITTSBURGH | 101 | 42 | | | | | | | *** | ***** | | | *** | ***** | | | 03 | 1 |
| 528 | BUFFALO | 046 | | | | 502 | 15113 | 35 | 8 | 036 | 07032 | | | 925 | 56625 | | | 03 | 1 |
| 534 | CHICAGO | 033 | | | | 498 | 18999 | 22 | 3 | 033 | 08052 | 22 | 5 | 926 | 54597 | | | 03 | 1 |
| 536 | TOLEDO | 037 | | | | 501 | 18138 | | | 039 | 08047 | | | 930 | 55608 | | | 03 | 1 |
| 553 | OMAHA | 024 | | | | 495 | 22121 | 19 | 5 | 037 | 10071 | 29 | 12 | 932 | 55603 | 34 | 18 | 03 | 1 |
| 562 | N PLATTE | 016 | | | | 491 | 23155 | 16 | 3 | 037 | 12532 | 30 | 2 | 933 | 56661 | | | 03 | 1 |
| 576 | LANDER | 009 | | | | 486 | | | | 036 | 12517 | 25 | 13 | 924 | 59791 | 27 | 18 | 04 | 1 |
| 597 | MEDFORD | 044 | | | | 500 | 14501 | 30 | 9 | 027 | 03514 | 19 | 14 | 901 | 60695 | 23 | 31 | 03 | 1 |
| 600 | SABLE ISLAND | 036 | 11099 | | | 483 | 08588 | | | 001 | 50921 | | | 861 | 63038 | | | 03 | 1 |
| 606 | PORTLAND | 040 | 20085 | 35 | 12 | 493 | 11031 | 33 | 15 | 014 | 01661 | 28 | 21 | 886 | 60744 | | | 03 | 1 |
| 655 | ST CLOUD | 034 | | | | 497 | 19156 | 24 | 6 | 038 | 09045 | 21 | 6 | 928 | 54617 | 28 | 9 | 03 | 1 |
| 662 | RAPID CITY | 020 | | | | 494 | 26035 | 01 | 2 | 040 | 12998 | 33 | 5 | 945 | 56706 | 23 | 15 | 03 | 1 |
| 681 | BOISE | 017 | | | | 487 | 21529 | 34 | 12 | 025 | 07553 | 27 | 15 | 900 | 61996 | 23 | 31 | 03 | 1 |
| 712 | CARIBOU | 043 | | | | 486 | 04502 | 35 | 17 | 994 | 55656 | 30 | 21 | 834 | 72994 | 27 | 35 | 03 | 1 |
| 734 | SAULT MARIE | 054 | | | | 505 | 11036 | 10 | 18 | 032 | 06998 | 35 | 5 | 914 | 58636 | 32 | 21 | 03 | 1 |

# RADIOSONDE AND RAWINSONDE DATA—Continued

| Index No. iii | 300 mb. hhh | TTTTT ddx | dd | ff | 200 mb. hhh | TTTTT ddx | dd | ff | 100 mb. hhh | TTTTT ddx | dd | ff | Hour GG | Code Type |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
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| 862 | 101 | 50 | | | | | | | | | | | 03 | 1 |
| 967 | 101 | 54 | | | | | | | | | | | 03 | 1 |
| 972 | 177 | 83846 | 16 | 4 | | | | | | | | | 03 | 1 |
| 91 | | | | | | | | | | | | | | |
| 066 | 163 | 83995 | | | 050 | 03590 | | | 473 | 11991 | | | 03 | 1 |
| 115 | 210 | 76997 | 30 | 3 | 133 | 96994 | 34 | 16 | 543 | 20991 | 06 | 26 | 03 | 1 |
| 182 | 170 | 86992 | 21 | 20 | 048 | 08991 | 22 | 40 | 438 | 13994 | 13 | 16 | 03 | 1 |
| 215 | 165 | 82999 | 04 | 22 | 059 | 03996 | 06 | 42 | | | | | 03 | 1 |
| 245 | 180 | 82998 | 21 | 33 | 076 | 04997 | 22 | 52 | | | | | 04 | 1 |
| 275 | | | | | | | | | | | | | 03 | 1 |
| 366 | 208 | 75867 | 24 | 16 | 135 | 94990 | 14 | 27 | | | | | 03 | 1 |
| 98 | | | | | | | | | | | | | | |
| 327 | 229 | 75991 | 09 | 10 | | | | | | | | | 03 | 1 |
| 645 | 175 | 80993 | | | 079 | 03990 | | | 438 | 28992 | | | 03 | 8 |
| QLL | | OCEAN | STA | | | | | | | | | | | |
| 034 | 163 | 89005 | 25 | 13 | 032 | 07996 | 25 | 10 | 451 | 12999 | 00 | | 03 | 9 |
| 035 | 160 | 87997 | 02 | 18 | 035 | 08996 | | | | | | | 03 | 9 |
| 037 | 194 | 82990 | 31 | 30 | 094 | 04990 | | | | | | | 03 | 9 |
| 044 | 122 | 86895 | 24 | 29 | 996 | 09999 | 26 | 60 | 414 | 07997 | | | 03 | 9 |
| 051 | 099 | 55 0 | 33 | 45 | | | | | | | | | 03 | 2 |
| 053 | 108 | 88998 | 10 | 12 | 974 | 11996 | 13 | 25 | | | | | 03 | 9 |
| 062 | 088 | 56 0 | 34 | 30 | | | | | | | | | 03 | 2 |
| 063 | | 93992 | 22 | 24 | 929 | 07992 | 22 | 27 | 400 | 00994 | | | 03 | 9 |
| 121 | 172 | 84998 | | | | | | | | | | | 03 | 9 |
| 134 | 164 | 86991 | 29 | 31 | 044 | 06996 | | | 437 | ***** | | | 03 | 9 |
| 144 | 030 | 95996 | | | 912 | 96991 | | | 399 | 01999 | | | 03 | 9 |
| 223 | 232 | 65 | | | 213 | 84 | | | | | | | 04 | 1 |
| 235 | 241 | 77 | | | 166 | 95 | | 300 | | | | | 02 | 9 |
| 246 | 101 | 51 | | | | | | | | | | | 03 | 9 |
| 360 | 921 | 93991 | 35 | 34 | 184 | 97992 | 33 | 9 | 651 | 90997 | 22 | 15 | 03 | 5 |
| 01 | | | | | | | | | | | | | | |
| 001 | 986 | 93992 | | | 191 | 96999 | | | | | | | 03 | 8 |
| 030 | 915 | 96 8 | | | | | | | | | | | 03 | 5 |
| 384 | 932 | 96991 | | | 198 | 98994 | | | | | | | 03 | 5 |
| 415 | 931 | 99034 | | | 191 | 99996 | | | 642 | 03995 | | | 03 | 8 |
| 02 | | | | | | | | | | | | | | |
| 057 | 101 | 43 | | | | | | | | | | | 03 | 8 |
| 077 | 931 | 95992 | 06 | 24 | 194 | 00990 | 06 | 8 | | | | | 03 | 5 |
| 084 | 929 | 92999 | | | | | | | | | | | 03 | 8 |
| 03 | | | | | | | | | | | | | | |
| 026 | 085 | 56 0 | 02 | 54 | 948 | 32 0 | 02 | 36 | | | | | 02 | 2 |
| 171 | 083 | 55 0 | | | 947 | 38 0 | | | 435 | 43**0 | | | 02 | 7 |
| 476 | 038 | 43 0 | | | 904 | | 30 | 7 | | | | | 02 | 2 |
| 743 | 039 | 48 0 | 30 | 26 | 911 | 46 0 | 29 | 16 | 402 | 39**0 | 30 | 4 | 02 | 2 |
| 808 | | 51 0 | 33 | 21 | 918 | 46 0 | 29 | 18 | | | | | 02 | 2 |
| 917 | 061 | 44 0 | 05 | 36 | 922 | 44 0 | 02 | 21 | | | | | 02 | 2 |
| 953 | 073 | 53 0 | | | 945 | 43 0 | | | 435 | 42**0 | | | 03 | 2 |
| 04 | | | | | | | | | | | | | | |
| 018 | 120 | 89992 | 09 | 11 | 986 | 11998 | 09 | 10 | 440 | ***** | | | 03 | 1 |
| 202 | 983 | 98999 | 34 | 32 | 862 | 93993 | 30 | 9 | | | | | 03 | 1 |
| 231 | 101 | 43 | | | | | | | | | | | 09 | 1 |
| 270 | 992 | 96995 | 17 | 30 | 880 | | | | | | | | 09 | 1 |
| 06 | | | | | | | | | | | | | | |
| 180 | 924 | 96991 | 07 | 65 | 191 | 94990 | | | | | | | 03 | 5 |
| 260 | 930 | 92 | | | 203 | 94 | | | | | | | 03 | 8 |
| 447 | 246 | 93 9 | | | 941 | 95 9 | | | 483 | 01**3 | | | 03 | 8 |
| 610 | 410 | 88933 | 25 | 65 | | | | | | | | | 05 | 5 |
| 07 | | | | | | | | | | | | | | |
| 110 | 931 | 93 4 | 24 | 21 | 200 | 97 0 | 25 | 30 | 651 | 05**0 | 28 | 20 | 02 | 5 |
| 145 | 980 | 91 7 | | | 208 | 98 4 | | | 661 | 98**1 | | | 02 | 8 |
| 190 | 931 | 90 7 | | | 197 | 03 4 | | | 648 | 04**7 | | | 02 | 8 |
| 480 | 939 | 96 7 | | | 203 | 07 4 | | | 644 | 07**4 | | | 02 | 8 |
| 510 | 942 | 91 1 | 25 | 50 | 208 | 01 1 | 26 | 50 | 654 | 08**4 | 27 | 20 | 02 | 5 |
| 645 | 948 | 89893 | 25 | 40 | 215 | 03 7 | 26 | 40 | 658 | 07**4 | | | 02 | 5 |
| 08 | | | | | | | | | | | | | | |
| 509 | 135 | 92993 | 35 | 22 | 988 | 06990 | 32 | 25 | | | | | 03 | 1 |
| 521 | 965 | 83957 | | | 238 | 02993 | | | 667 | 13990 | | | 14 | 8 |
| 536 | 948 | 88998 | | | 219 | 02992 | | | 657 | 07994 | | | 14 | 8 |
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| 034 | 101 | 50 | | | | | | | | | | | 02 | 2 |
| 384 | 922 | 92998 | 25 | 69 | 194 | 94992 | 25 | 16 | | | | | 03 | 5 |
| 633 | 927 | 91994 | | | 196 | 97996 | | | 653 | 98992 | | | 03 | 5 |
| 866 | 936 | 92999 | 27 | 59 | 200 | 02440 | 27 | 48 | | | | | 03 | 5 |
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| 030 | 929 | 91 1 | 26 | 71 | 194 | 01 1 | 26 | 67 | 642 | 98**8 | 25 | 11 | 03 | 5 |
| 567 | 928 | 92995 | | | 193 | 04993 | | | | | | | 05 | 5 |
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| 606 | 227 | 88470 | 24 | 43 | 157 | 56 0 | 22 | 50 | 589 | 06**0 | 21 | 40 | 14 | 2 |
| 40 | | | | | | | | | | | | | | |
| 427 | 204 | 86450 | 08 | 26 | 126 | 48 0 | 08 | 22 | 535 | 98**0 | 05 | 34 | 14 | 2 |
| 648 | 207 | 86450 | 17 | 8 | 132 | | 19 | 16 | 552 | 02**0 | 17 | 16 | 02 | 2 |
| 42 | | | | | | | | | | | | | | |
| 182 | 957 | | | | 230 | 95 | | | | | | | 15 | 8 |
| 339 | 975 | 78 | | | | | | | | | | | 15 | 8 |
| 475 | 978 | 78 | | | | | | | | | | | 15 | 8 |
| 807 | 003 | 26260 | | | 980 | 26230 | | | 425 | 61*** | | | 15 | 8 |
| 867 | 978 | 71 | | | 255 | 99 | | | | | | | 14 | 8 |
| 909 | 980 | 71 | | | | | | | | | | | 14 | 8 |
| 43 | | | | | | | | | | | | | | |
| 063 | 101 | 43 | | | | | | | | | | | 14 | 8 |
| 149 | 971 | 78 | | | | | | | | | | | 14 | 8 |
| 279 | 101 | 43 | | | | | | | | | | | 15 | 8 |
| 371 | 966 | 81 | | | 241 | 02 | | | | | | | 15 | 8 |
| 45 | | | | | | | | | | | | | | |
| 007 | 101 | 50 | | | | | | | | | | | 22 | 8 |
| 47 | | | | | | | | | | | | | | |
| 401 | 084 | 82991 | | | 990 | 98995 | | | 462 | 01991 | | | 03 | 1 |
| 412 | 738 | 74861 | | | 038 | 93993 | | | | | | | 03 | 1 |
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| 590 | 067 | 80962 | | | 983 | 94992 | | | 489 | 05995 | | | 04 | 1 |
| 600 | 081 | 79902 | | | 992 | 95993 | | | 489 | 01991 | | | 03 | 1 |
| 635 | 141 | 79999 | | | | | | | | | | | 10 | 1 |
| 646 | 197 | 74823 | | | 126 | 90982 | | | | | | | 05 | 1 |
| 671 | 155 | 77999 | 26 | 70 | 078 | 94990 | 26 | 50 | 547 | 07991 | | | 03 | 1 |
| 744 | 152 | 76847 | | | 079 | 93994 | | | 608 | 00995 | | | 03 | 1 |
| 778 | 155 | 74803 | | | 090 | 94995 | | | 553 | 08994 | | | 04 | 1 |
| 808 | 101 | 59 | | | | | | | | | | | 03 | 1 |
| 827 | 120 | 76787 | | | 047 | 94996 | | | | | | | 03 | 1 |
| 931 | | | | | | | | | | | | | | |
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| 120 | 101 | 50 | | | | | | | | | | | 03 | 7 |
| 390 | 954 | 89002 | 25 | 9 | 222 | 21114 | | | | | | | 02 | 5 |
| 61 | | | | | | | | | | | | | | |
| 642 | 965 | 81991 | 12 | 10 | 240 | 02 1 | 13 | 23 | | | | | 07 | 5 |
| 62 | | | | | | | | | | | | | | |
| 053 | 178 | 75420 | | | 078 | 39 0 | | | 471 | 07**0 | | | 02 | 7 |
| 366 | 101 | 43 | | | | | | | | | | | 03 | 5 |
| 70 | | | | | | | | | | | | | | |
| 026 | 021 | 94993 | 26 | 19 | | | | | | | | | 03 | 1 |
| 133 | 048 | 92993 | | | 913 | 00996 | | | 428 | 93991 | | | 03 | 1 |
| 200 | 040 | 93994 | 23 | 20 | 899 | 05990 | 23 | 16 | | | | | 03 | 1 |
| 204 | 045 | 92996 | | | 910 | 04999 | | | 406 | 97997 | | | 03 | 1 |
| 219 | 080 | 92991 | | | 945 | 06999 | | | 428 | 98995 | | | 03 | 1 |
| 231 | 076 | 93994 | 25 | 31 | 933 | 09991 | 25 | 23 | | | | | 03 | 1 |
| 261 | 049 | 93991 | | | 908 | 07990 | | | 392 | ***** | | | 03 | 1 |
| 273 | 078 | 93991 | 31 | 15 | 935 | 11995 | 30 | 19 | | | | | 03 | 1 |
| 291 | 062 | 92992 | | | 923 | 08993 | | | 403 | ***** | | | 03 | 1 |
| 350 | 101 | 42 | | | | | | | | | | | 03 | 1 |
| 361 | 058 | 93990 | 33 | 40 | 917 | | | | | | | | 03 | 1 |
| 381 | | | | | | | | | | | | | | |
| 398 | 052 | 93992 | 34 | 28 | | | | | | | | | 03 | 1 |
| 409 | 101 | 50 | | | | | | | | | | | 03 | |
| 439 | 101 | 42 | | | | | | | | | | | 03 | 1 |
| 454 | 074 | 88943 | | | 870 | | | | | | | | 03 | 1 |
| 485 | 092 | 90990 | 24 | 79 | 967 | 02992 | | | 466 | 96990 | | | 03 | 1 |
| 72 | | | | | | | | | | | | | | |
| 202 | 168 | 82928 | 16 | 19 | 062 | 05993 | 13 | 9 | | | | | 03 | 1 |
| 208 | 192 | 82996 | 11 | 10 | 086 | 03993 | 10 | 16 | | | | | 03 | 1 |
| 211 | 176 | 83885 | | | 066 | 04992 | | | 446 | 19993 | | | 03 | 1 |
| 219 | 189 | 82893 | 04 | 17 | 085 | 04992 | | | | | | | 03 | 1 |
| 231 | 198 | 79825 | 04 | 11 | 103 | 02997 | 34 | 17 | 473 | ***** | | | 03 | 1 |
| 240 | 192 | 82991 | | | 087 | 04993 | | | 445 | 24996 | | | 03 | 1 |
| 250 | 185 | 83992 | 05 | 20 | 077 | 04996 | 14 | 15 | | | | | 03 | 1 |
| 253 | 202 | 80997 | 07 | 9 | 101 | 04991 | 05 | 16 | | | | | 03 | 1 |
| 259 | 200 | 81994 | 34 | 13 | 101 | 02991 | 02 | 18 | | | | | 03 | 1 |
| 265 | 101 | 50 | | | | | | | | | | | 04 | 1 |
| 270 | 183 | 82898 | | | 076 | 05999 | | | 439 | ***** | | | 03 | 1 |
| 278 | 167 | 86990 | | | 055 | 04998 | | | | | | | 03 | 1 |
| 304 | 188 | 82997 | | | 084 | 04994 | | | 450 | 17995 | | | 03 | 1 |
| 317 | 190 | 81928 | 07 | 8 | 089 | 03997 | 05 | 35 | 466 | ***** | | | 03 | 1 |
| 327 | 101 | 50 | | | | | | | | | | | 03 | 1 |
| 340 | 198 | 80904 | 31 | 9 | 099 | 03991 | 10 | 17 | 472 | 22998 | 06 | 34 | 03 | 1 |
| 353 | 194 | 81999 | 31 | 17 | 092 | 03990 | 32 | 20 | 470 | 24993 | 10 | 15 | 03 | 1 |
| 365 | 191 | 81874 | 22 | 22 | 090 | 03996 | 19 | 23 | 476 | ***** | | | 03 | 1 |
| 386 | 141 | 87998 | | | 018 | 05993 | | | | | | | 03 | 1 |
| 394 | 145 | 87998 | 24 | 41 | 023 | 05998 | 24 | 37 | 450 | ***** | | | 03 | 1 |
| 405 | 178 | 81878 | | | 074 | 04991 | | | 446 | ***** | | | 03 | 1 |
| 445 | 192 | 80902 | 30 | 16 | 095 | 01991 | 28 | 12 | 490 | ***** | | | 03 | 1 |
| 451 | 209 | 80842 | | | 115 | 01999 | | | 503 | ***** | | | 03 | 1 |
| 476 | 173 | 83925 | 20 | 57 | 067 | 04998 | | | | | | | 03 | 1 |
| 486 | 139 | 88994 | | | 019 | 04996 | | | 439 | 12990 | | | 03 | 1 |
| 493 | 132 | 90995 | 32 | 6 | 001 | 08992 | 22 | 20 | 437 | 10995 | | | 03 | 1 |
| 506 | | | | | | | | | | | | | | |
| 518 | 143 | 83923 | | | | | | | | | | | 03 | 1 |
| 520 | | | | | | | | | | | | | | |
| 528 | 175 | 81932 | | | | | | | | | | | 03 | 1 |
| 534 | 185 | 81900 | | | 089 | 02994 | | | 475 | 18999 | | | 03 | 1 |
| 536 | 183 | 82922 | | | 079 | 05990 | | | 452 | ***** | | | 03 | 1 |
| 553 | 189 | 80833 | | | 094 | 02999 | | | 484 | 21994 | | | 03 | 1 |
| 562 | 185 | 81993 | | | 085 | 03993 | | | 468 | ***** | | | 03 | 1 |
| 576 | 154 | 86903 | | | 037 | 05993 | | | 441 | 13990 | | | 03 | 1 |
| 597 | 119 | | | | | | | | | | | | 04 | 1 |
| 600 | 071 | 88991 | | | 952 | 02998 | | | 409 | 07994 | | | 03 | 9 |
| 606 | 117 | 84897 | | | 005 | 02994 | | | 441 | 09994 | | | 03 | 1 |
| 655 | 180 | 81864 | 27 | 25 | 080 | 03996 | 25 | 47 | 470 | 16991 | 23 | 10 | 03 | 1 |
| 662 | 189 | 83923 | 23 | 44 | 081 | 04999 | 22 | 62 | 480 | ***** | | | 03 | 1 |
| 681 | 110 | 91993 | | | 970 | 06990 | | | 411 | 07997 | | | 03 | 1 |
| 712 | 006 | 92991 | 27 | 71 | 899 | 94998 | | | 386 | ***** | | | 03 | 1 |
| 734 | 160 | 82908 | | | | | | | | | | | 03 | 1 |

# RADIOSONDE AND RAWINSONDE DATA.

## SIGNIFICANT LEVELS

| Index No. iii | 1st. 5th. etc. Level PPP | TTTTT ddx | 2nd. 6th. etc. Level PPP | TTTTT ddx | 3rd. 7th. etc. Level PPP | TTTTT ddx | 4th. 8th. etc. Level PPP | TTTTT ddx | Hour GG | Code Type |
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| 525 | 016 | 26239 | 937 | 21191 | 814 | 15031 | 802 | 14084 | 03 | 1 |
| 806 | 012 | 24239 | 740 | 11058 | 400 | 67722 | 260 | 90990 | 03 | 1 |
| 862 | 015 | 26141 | 808 | 14132 | 634 | 11076 | 665 | 04047 | 03 | 1 |
| 967 | 015 | 25225 | 810 | 15135 | 798 | 16116 | 615 | 04505 | 03 | 1 |
| 972 | 011 | 24235 | 942 | 20209 | 677 | 07667 | 610 | 02561 | 03 | 1 |
| 91 | | | | | | | | | | |
| 066 | 019 | 26183 | 946 | 19154 | 882 | 16110 | 826 | 11084 | 03 | 1 |
| 115 | 001 | 29233 | 960 | 24212 | 824 | 17136 | 716 | 12562 | 03 | 1 |
| 182 | 016 | 26191 | 803 | 11082 | 786 | 13048 | 754 | 11578 | 03 | 1 |
| 215 | 004 | 31208 | 875 | 18133 | 740 | 12573 | 650 | 05*** | 03 | 1 |
| 245 | 012 | 29247 | 992 | 26193 | 974 | 26205 | 774 | 12099 | 04 | 1 |
| 275 | 012 | 28231 | 941 | 02301 | 820 | 15098 | 763 | 13538 | 03 | 1 |
| 366 | 009 | 30240 | 942 | 24214 | 833 | 18027 | 640 | 07505 | 03 | 1 |
| 98 | | | | | | | | | | |
| 327 | 991 | 33212 | 898 | 23177 | 741 | 14001 | 666 | 10005 | 03 | 1 |
| 645 | 004 | 28226 | 920 | 20176 | 657 | 07023 | 315 | 77848 | 03 | 8 |
| QLL | | OCEAN | STA | | | | | | | |
| 034 | 027 | 22204 | 526 | 58676 | 207 | 07993 | 077 | 14994 | 03 | 9 |
| 035 | 024 | 25224 | 936 | 20186 | 797 | 12033 | 756 | 08044 | 03 | 9 |
| 037 | 019 | 26234 | 982 | 22196 | 882 | 18136 | 832 | 18015 | 03 | 9 |
| 044 | 009 | 19182 | 959 | 19186 | 874 | 14144 | 673 | 03591 | 03 | 9 |
| 051 | 050 | 54520 | | | | | | | 03 | 2 |
| 053 | 017 | 11110 | 987 | 14135 | 796 | 07022 | 754 | 06629 | 03 | 9 |
| 062 | 025 | 51500 | | | | | | | 03 | 2 |
| 063 | 012 | 08081 | 938 | 13131 | 774 | 07559 | 660 | 52707 | 03 | 9 |
| 121 | 015 | 16135 | 026 | 09026 | 916 | 17025 | 890 | 19553 | 03 | 9 |
| 134 | 023 | 19123 | 912 | 08078 | 902 | 13054 | 690 | 06653 | 03 | 9 |
| 144 | 008 | 10108 | 966 | 08078 | 940 | 10096 | 400 | 77848 | 03 | 9 |
| 223 | 005 | 24 | 953 | 23 | 773 | 16*** | 741 | 16*** | 04 | 1 |
| 235 | 017 | 17 | 933 | 16 | 724 | 08*** | 360 | 67*** | 02 | 9 |
| 246 | 002 | 12101 | 986 | 08063 | 834 | 10033 | 698 | 00007 | 03 | 9 |
| 360 | 021 | 09066 | 890 | 01505 | 878 | 01504 | 800 | 50533 | 03 | 5 |
| 01 | | | | | | | | | | |
| 001 | 016 | 05033 | 990 | 03035 | 957 | 04044 | 921 | 02029 | 03 | 8 |
| 030 | 020 | 09055 | 800 | 52564 | 750 | 55624 | 528 | 69767 | 03 | 5 |
| 384 | 993 | 16121 | 957 | 15104 | 754 | 02511 | 555 | 61634 | 03 | 5 |
| 415 | 017 | 11105 | 991 | 11101 | 973 | 17109 | 896 | 13049 | 03 | 8 |
| 02 | | | | | | | | | | |
| 057 | 019 | 15081 | 908 | 11053 | 881 | 09046 | 871 | 10051 | 03 | 8 |
| 077 | 012 | 15113 | 980 | 19126 | 629 | 57605 | 541 | 62687 | 03 | 5 |
| 084 | 013 | 14139 | 991 | 20133 | 932 | 17101 | 783 | 04012 | 03 | 8 |
| 03 | | | | | | | | | | |
| 026 | 027 | 54490 | | | | | | | 02 | 2 |
| 171 | 027 | 47400 | 010 | 50420 | 880 | 36270 | 810 | 40180 | 02 | 7 |
| 476 | 019 | 51450 | | | | | | | 02 | 2 |
| 743 | 088 | 470 | 995 | 54480 | 720 | 19130 | 697 | 25110 | 02 | 2 |
| 808 | 015 | 54500 | | | | | | | 02 | 2 |
| 917 | 020 | 47460 | | | | | | | 02 | 2 |
| 953 | 027 | 56 0 | 822 | 39 0 | 271 | 44**0 | 248 | 40**0 | 03 | 2 |
| 04 | | | | | | | | | | |
| 018 | 019 | 10092 | 957 | 09086 | 945 | 12107 | 905 | 12516 | 03 | 1 |
| 202 | 002 | 06016 | 981 | 05504 | 965 | 08501 | 883 | 03562 | 03 | 1 |
| 231 | 995 | 07049 | 882 | 02016 | 774 | 51513 | 759 | 00504 | 09 | 1 |
| 270 | 007 | 07062 | 730 | 53555 | 656 | 56998 | | | 09 | 1 |
| 06 | | | | | | | | | | |
| 180 | 011 | 14138 | 784 | 04013 | 680 | 52542 | 272 | 01996 | 03 | 5 |
| 260 | 017 | 11109 | 934 | 08071 | 860 | 05040 | 797 | 03029 | 03 | 8 |
| 447 | 009 | 08060 | 874 | 06032 | 846 | 06057 | 810 | 06021 | 03 | 8 |
| 610 | 962 | 10082 | 934 | 11053 | 896 | 09057 | 822 | 06037 | 05 | 5 |
| 07 | | | | | | | | | | |
| 110 | 101 | 09098 | 100 | 12117 | 956 | 11083 | 925 | 08059 | 02 | 5 |
| 145 | 001 | 12072 | 926 | 11101 | 910 | 11101 | 888 | 08085 | 02 | 8 |
| 190 | 002 | 09064 | 973 | 10071 | 960 | 12093 | 770 | 53551 | 02 | 8 |
| 480 | 994 | 17082 | 977 | 16102 | 953 | 17115 | 925 | 16094 | 02 | 8 |
| 510 | 012 | 13122 | 000 | 16147 | 975 | 18123 | 954 | 18113 | 02 | 5 |
| 645 | 008 | 20154 | 975 | 19112 | 905 | 15081 | 845 | 13072 | 02 | 5 |
| 08 | | | | | | | | | | |
| 509 | 016 | 19171 | 907 | 11114 | 883 | | 860 | 15515 | 03 | 1 |
| 521 | 013 | 24194 | 900 | 13128 | 880 | 1611* | 864 | 1953* | 14 | 8 |
| 536 | 005 | 25158 | 922 | 17113 | 906 | 20086 | 886 | 19514 | 14 | 8 |
| 10 | | | | | | | | | | |
| 034 | 013 | 51410 | 942 | 46400 | 881 | 39300 | 763 | 34850 | 02 | 2 |
| 384 | 011 | 12094 | 949 | 09046 | 780 | 57581 | 690 | 57571 | 03 | 5 |
| 633 | 004 | 07065 | 920 | 06054 | 810 | 02507 | 732 | 58556 | 03 | 5 |
| 866 | 959 | 08058 | 940 | 11067 | 843 | 07008 | 821 | 05018 | 03 | 5 |
| 11 | | | | | | | | | | |
| 030 | 000 | 13129 | 795 | 04040 | 586 | 66661 | 443 | 74867 | 03 | 5 |
| 567 | 986 | 10081 | 738 | 55597 | 655 | 54637 | 600 | 61706 | 05 | 5 |
| 17 | | | | | | | | | | |
| 606 | 985 | 92580 | 964 | 57590 | 767 | 57350 | 735 | 54270 | 14 | 2 |
| 40 | | | | | | | | | | |
| 427 | 997 | 91770 | 957 | 02670 | 935 | 02300 | 528 | 26110 | 14 | 2 |
| 648 | 958 | 76370 | 908 | 86210 | 913 | 86360 | 728 | 64150 | 02 | 2 |
| 42 | | | | | | | | | | |
| 182 | 975 | 31870 | 831 | 18180 | 731 | 10*** | 719 | 10*** | 15 | 8 |
| 339 | 976 | 26240 | 911 | 87190 | 880 | 22190 | 770 | 17140 | 15 | 8 |
| 475 | 988 | 28260 | 745 | 19130 | 690 | 13100 | 567 | 07010 | 15 | 8 |
| 807 | | | | | | | | | | |
| 867 | 966 | 26230 | 650 | 62 | 250 | 86*** | 162 | 09*** | 14 | 8 |
| 909 | 000 | 28249 | 993 | 27250 | 775 | 14130 | 657 | 12010 | 14 | 8 |
| 43 | | | | | | | | | | |
| 063 | 943 | 25200 | 880 | 19180 | 675 | 10500 | 350 | 69*** | 14 | 8 |
| 149 | 997 | 25250 | 357 | 68 | 750 | 71*** | 264 | 84*** | 14 | 8 |
| 279 | 005 | 28240 | 555 | 50550 | 350 | 728** | | | 15 | 8 |
| 371 | 003 | 25240 | 729 | 13080 | 531 | 54570 | 260 | 02*** | 15 | 8 |
| 45 | | | | | | | | | | |
| 007 | 006 | 28250 | 950 | 25220 | 900 | 21170 | 800 | 20520 | 22 | 8 |
| 47 | | | | | | | | | | |
| 401 | 007 | 17123 | 937 | 10048 | 777 | 05571 | 540 | 57719 | 03 | 1 |
| 412 | 999 | 22143 | 869 | 14113 | 588 | 04012 | 400 | 60663 | 03 | 1 |
| 580 | 993 | 16138 | 864 | 10091 | 620 | 01506 | 565 | 51726 | 03 | 1 |
| 590 | 989 | 24161 | 663 | 51571 | 600 | 54621 | 442 | 64746 | 04 | 1 |
| 600 | 003 | 21173 | 936 | 15123 | 765 | 08031 | 619 | 00622 | 03 | 1 |
| 635 | 000 | 25218 | 962 | 23181 | 886 | 17136 | 725 | 06057 | 04 | 1 |
| 646 | 994 | 23286 | 788 | 05118 | 651 | 04049 | 557 | 02028 | 05 | 1 |
| 671 | 996 | 25805 | 904 | 22128 | 653 | 05016 | 572 | 00553 | 03 | 1 |
| 744 | 004 | 20179 | 906 | 15131 | 800 | 12089 | 715 | 11063 | 03 | 1 |
| 778 | 993 | 23173 | 953 | 19147 | 765 | 10053 | 660 | 05541 | 04 | 1 |
| 808 | | | | | | | | | | |
| 827 | 001 | 20208 | 947 | 12128 | 886 | 12129 | 787 | 06069 | 03 | 1 |
| 931 | 007 | 30661 | 963 | 26231 | 908 | 23165 | 876 | 26016 | 03 | 1 |
| 60 | | | | | | | | | | |
| 120 | 013 | 19154 | 958 | 15121 | 892 | 16083 | 616 | 50990 | 03 | 7 |
| 390 | 007 | 21194 | 986 | 32207 | 951 | 31145 | 886 | 27045 | 02 | 5 |
| 61 | | | | | | | | | | |
| 642 | 004 | 25231 | 971 | 22228 | 965 | 23223 | 918 | 22152 | 07 | 5 |
| 62 | | | | | | | | | | |
| 053 | | 600 | 981 | 67610 | 924 | 62550 | 777 | 57346 | 02 | 7 |
| 366 | 005 | 21174 | 922 | 15147 | 878 | 16033 | 856 | 19552 | 03 | 5 |
| 70 | | | | | | | | | | |
| 026 | 011 | 01506 | 991 | 05511 | 958 | 04545 | 898 | 01545 | 03 | 1 |
| 133 | 010 | 11081 | 964 | 09034 | 873 | 05045 | 675 | 50654 | 03 | 1 |
| 200 | 012 | 08062 | 905 | 02007 | 886 | 06034 | 880 | 05535 | 03 | 1 |
| 204 | 008 | 05038 | 943 | 02003 | 923 | 07053 | 901 | 07064 | 03 | 1 |
| 219 | 010 | 24115 | 924 | 15074 | 830 | 10606 | 789 | 07584 | 03 | 1 |
| 231 | 997 | 26077 | 771 | 05524 | 742 | 05652 | 563 | 56747 | 03 | 1 |
| 261 | 994 | 19057 | 806 | 05597 | 790 | 05509 | 721 | 01574 | 03 | 1 |
| 273 | 008 | 16114 | 969 | 13089 | 955 | 14027 | 951 | 15060 | 03 | 1 |
| 291 | 950 | 19077 | 904 | 18054 | 724 | 50541 | 664 | 53711 | 03 | 1 |
| 350 | | | | | | | | | | |
| 361 | 018 | 10088 | 792 | 02 | 712 | 52541 | | | 03 | 1 |
| 381 | 018 | 12082 | | | 932 | 06036 | 746 | 00510 | 03 | 1 |
| 398 | 017 | 11081 | 824 | 50519 | 799 | 51586 | 763 | 51705 | 03 | 1 |
| 409 | | | | | | | | | | |
| 439 | | | | | | | | | | |
| 454 | 015 | 08061 | 880 | 00000 | 860 | 02503 | 800 | 02590 | 03 | 1 |
| 485 | 011 | 11111 | 944 | 08080 | 840 | 09095 | 783 | 04028 | 03 | 1 |
| 72 | | | | | | | | | | |
| 202 | 016 | 23212 | 400 | 67767 | 271 | 89982 | 158 | 17998 | 03 | 1 |
| 208 | 015 | 24234 | 952 | 22205 | 867 | 20079 | 615 | 03647 | 03 | 1 |
| 211 | 014 | 25247 | 722 | 09068 | 714 | 10053 | 434 | 63707 | 03 | 1 |
| 219 | 982 | 27211 | 960 | 27191 | 810 | 15115 | 797 | 16097 | 03 | 1 |
| 231 | 013 | 25245 | 984 | 27235 | 400 | 65679 | 260 | 87905 | 03 | 1 |
| 240 | 013 | 26244 | 964 | 27213 | 644 | 04546 | 625 | 03594 | 03 | 1 |
| 250 | 012 | 27242 | 939 | 22174 | 795 | 17012 | 672 | 09641 | 03 | 1 |
| 253 | 983 | 28206 | 826 | 19145 | 816 | 20057 | 616 | 04566 | 03 | 1 |
| 259 | 989 | 30203 | | | 815 | 17124 | 790 | 15033 | 03 | 1 |
| 265 | 924 | 29179 | 730 | 14101 | 682 | 11503 | 672 | 10016 | 04 | 1 |
| 270 | 880 | 30120 | 587 | 00516 | 563 | 51526 | 400 | 67713 | 03 | 1 |
| 278 | 970 | 33109 | 967 | 36098 | 643 | 03513 | 587 | 52608 | 03 | 1 |
| 304 | 017 | 26235 | 725 | 10581 | 696 | 08533 | 658 | 08619 | 03 | 1 |
| 317 | 984 | 26213 | 974 | 27210 | 777 | 13112 | 595 | 03512 | 03 | 1 |
| 327 | 994 | 25225 | 975 | 26223 | 641 | 05515 | | | 03 | 1 |
| 340 | 003 | 27249 | 982 | 29234 | 667 | 08032 | 638 | 07017 | 03 | 1 |
| 353 | 965 | 29222 | 951 | 30213 | 792 | 18129 | 727 | 16003 | 03 | 1 |
| 365 | 840 | 18163 | 753 | 15074 | 620 | 06524 | 400 | 65687 | 03 | 1 |
| 386 | 933 | 33526 | 930 | 34990 | 831 | 25524 | 587 | 53610 | 03 | 1 |
| 394 | 006 | 13103 | 984 | 11097 | 955 | 12094 | 937 | 18112 | 03 | 1 |
| 405 | 011 | 24225 | 783 | 13088 | 738 | 11038 | 400 | 66706 | 03 | 1 |
| 445 | 983 | 25216 | 430 | 62665 | 400 | 65721 | 258 | 88004 | 03 | 1 |
| 451 | 921 | 28175 | 898 | 31189 | 592 | 03518 | 430 | 61635 | 03 | 1 |
| 476 | 856 | 20174 | 525 | 55574 | 400 | 67703 | 336 | 77815 | 03 | 1 |
| 486 | 809 | 19006 | 801 | 23514 | 550 | 55722 | 537 | 55742 | 03 | 1 |
| 493 | 015 | 14107 | 982 | 10088 | 955 | 12071 | 946 | 19061 | 03 | 1 |
| 506 | 013 | 18162 | 984 | 20152 | 975 | 20084 | 934 | 17127 | 03 | 1 |
| 518 | 006 | 17152 | 997 | 17128 | 896 | 12074 | 868 | 12095 | 03 | 1 |
| 520 | | | | | | | | | | |
| 528 | 991 | 18147 | 956 | 17059 | 644 | 02514 | 624 | 02563 | 03 | 1 |
| 534 | 991 | 24238 | 950 | 22193 | 932 | 23999 | 900 | 20174 | 03 | 1 |
| 536 | 991 | 24231 | 903 | 21168 | 400 | 65702 | 357 | 71769 | 03 | 1 |
| 553 | 974 | 27224 | 964 | 24187 | 920 | 27186 | 693 | 09069 | 03 | 1 |
| 562 | 915 | 26223 | 897 | 26204 | 471 | 59661 | 400 | 66817 | 03 | 1 |
| 576 | 830 | 22059 | 812 | 24045 | 540 | 55668 | 479 | 60996 | 03 | 1 |
| 597 | 970 | 18054 | 772 | 07501 | 744 | 07001 | 690 | 02515 | 04 | 1 |
| 600 | 013 | 10096 | 966 | 15103 | 940 | 15513 | 775 | 02688 | 03 | 1 |
| 606 | 012 | 17101 | 943 | 17027 | 808 | 07024 | 777 | 05529 | 03 | 1 |
| 655 | 976 | 18163 | 950 | 16158 | 930 | 22227 | 791 | 16098 | 03 | 1 |
| 662 | 902 | 21125 | 900 | 29068 | 725 | 13014 | 710 | 13607 | 03 | 1 |
| 681 | 912 | 25078 | 905 | 26522 | 610 | 52641 | 568 | 53749 | 03 | 1 |
| 712 | 993 | 11078 | 975 | 13061 | 798 | 00541 | 594 | 61788 | 03 | 1 |
| 734 | 993 | 14129 | 980 | 18146 | 786 | 07501 | 756 | 10647 | 03 | 1 |

# RADIOSONDE AND RAWINSONDE DATA.

## SIGNIFICANT LEVELS

| Index No. iii | 1st. 5th. etc. Level PPP | TTTTT ddx | 2nd. 6th. etc. Level PPP | TTTTT ddx | 3rd. 7th. etc. Level PPP | TTTTT ddx | 4th. 8th. etc. Level PPP | TTTTT ddx | Hour GG | Code Type |
|---|---|---|---|---|---|---|---|---|---|---|
| 525 | 759 | 13527 | | | | | | | 03 | 1 |
| 806 | 157 | 19990 | | | | | | | 03 | 1 |
| 862 | 634 | 05591 | 600 | 02099 | 101 | 58*** | | | 03 | 1 |
| 967 | 400 | 65747 | | | | | | | 03 | 1 |
| 972 | 471 | 60783 | 400 | 70992 | 351 | 75861 | 332 | 77814 | 03 | 1 |
| 91 | | | | | | | | | | |
| 066 | 800 | 11057 | 772 | 11523 | 739 | 11595 | 707 | 09612 | 03 | 1 |
| 115 | 638 | 06583 | 625 | 05615 | 455 | 59731 | 400 | 64713 | 03 | 1 |
| 182 | 680 | 07625 | 648 | 08612 | 400 | 70831 | 287 | 88999 | 03 | 1 |
| 215 | 585 | 51741 | 525 | 54990 | 400 | 63747 | 400 | 67808 | 03 | 1 |
| 245 | 744 | 13104 | 622 | 05611 | 610 | 03525 | 597 | 04613 | 04 | 1 |
| 275 | 735 | 10579 | 615 | 05994 | 600 | 05994 | 490 | 57710 | 03 | 1 |
| 366 | 572 | 02575 | 550 | 50564 | 473 | 56685 | 400 | 63794 | 03 | 1 |
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| 645 | 146 | 21990 | | | | | | | 03 | 8 |
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| 035 | 604 | 51635 | 554 | 55606 | 488 | 61719 | 436 | 68745 | 03 | 9 |
| 037 | 768 | 12004 | 742 | 11638 | 633 | 03518 | 608 | 02593 | 03 | 9 |
| 044 | | | 618 | 50666 | 603 | 50704 | 586 | 50657 | 03 | 9 |
| 051 | | | | | | | | | | |
| 053 | 642 | 00612 | 562 | 58701 | 554 | 58684 | 543 | 58723 | 03 | 9 |
| 062 | | | | | | | | | | |
| 063 | 630 | 52996 | 516 | 62786 | 428 | 73824 | 322 | 89004 | 03 | 9 |
| 121 | 400 | 66992 | 276 | 86998 | 220 | 98990 | | | 03 | 9 |
| 134 | 585 | 01993 | 400 | 70996 | 148 | 16997 | 116 | 15990 | 03 | 9 |
| 144 | 327 | 90972 | 274 | 97995 | 110 | 02994 | 148 | 98996 | 03 | 9 |
| 223 | 604 | 06 | 545 | 03 | 417 | 51*** | 413 | 54*** | 04 | 1 |
| 235 | 188 | 98 | | | | | | | 02 | 9 |
| 246 | | | | | | | | | | |
| 360 | 735 | 54607 | 653 | 59660 | 400 | 80863 | 235 | 04*** | 03 | 5 |
| 01 | | | | | | | | | | |
| 001 | 906 | 04049 | 800 | 01562 | 647 | 54666 | 518 | 65772 | 03 | 8 |
| 030 | 400 | 81852 | 275 | 01 7 | | | | | 03 | 5 |
| 384 | 400 | 80830 | 262 | 02 | 224 | 03*** | 186 | 96*** | 03 | 5 |
| 415 | 687 | 53566 | 666 | 53577 | 610 | 59616 | 524 | 67703 | 03 | 8 |
| 02 | | | | | | | | | | |
| 057 | 616 | 57598 | 600 | 56586 | 540 | 64672 | 519 | 64688 | 03 | 8 |
| 077 | 238 | 07995 | 188 | 96999 | 141 | 97991 | | | 03 | 5 |
| 084 | 342 | 87944 | 318 | 89953 | 266 | 00991 | 234 | 96990 | 03 | 8 |
| 03 | | | | | | | | | | |
| 026 | | | | | | | | | 02 | 2 |
| 171 | 585 | 18110 | 572 | 18100 | 224 | 31**0 | 178 | 43**0 | 02 | 7 |
| 476 | | | | | | | | | | |
| 743 | 615 | 17610 | 485 | 96530 | 312 | 51**0 | | | 02 | 2 |
| 808 | | | | | | | | | | |
| 917 | | | | | | | | | | |
| 953 | 089 | 42 0 | | | | | | | 03 | 2 |
| 04 | | | | | | | | | | |
| 018 | 671 | 00578 | 605 | 53713 | 548 | 58693 | 448 | 68844 | 03 | 1 |
| 202 | 868 | 04627 | 817 | 05661 | 568 | 64720 | 544 | 66802 | 03 | 1 |
| 231 | 736 | 51511 | 595 | 58604 | 479 | 69739 | 400 | 81854 | 09 | 1 |
| 270 | 542 | 66741 | 435 | 76836 | 400 | 79926 | | | 09 | 1 |
| 06 | | | | | | | | | | |
| 180 | 190 | 92998 | 154 | 94998 | | | | | 03 | 5 |
| 260 | 754 | 01017 | 727 | 00505 | 659 | 55556 | 647 | 55573 | 03 | 8 |
| 447 | 397 | 81891 | 317 | 92 4 | 253 | 97**5 | 215 | 95**2 | 03 | 8 |
| 610 | 789 | 04034 | 758 | 00009 | 731 | 50605 | 645 | 54753 | 05 | 5 |
| 07 | | | | | | | | | | |
| 110 | 871 | 05023 | 826 | 03002 | 785 | 51532 | 764 | 51533 | 02 | 5 |
| 145 | 820 | 04041 | 789 | 04049 | 720 | 02038 | 075 | 52544 | 02 | 8 |
| 190 | 725 | 55574 | 680 | 54580 | 570 | 61644 | 558 | 61644 | 02 | 8 |
| 480 | 850 | 11032 | 712 | 02518 | 685 | 00553 | 635 | 53572 | 02 | 8 |
| 510 | 867 | 12043 | 776 | 04006 | 745 | 03007 | 675 | 01541 | 02 | 5 |
| 645 | 805 | 11061 | 768 | 08044 | 730 | 04002 | 650 | 52555 | 02 | 5 |
| 08 | | | | | | | | | | |
| 509 | 800 | 12031 | 708 | 10535 | 710 | 04511 | 670 | 00565 | 03 | 1 |
| 521 | 816 | 19565 | 624 | 5063 | 580 | 54719 | 565 | 53727 | 14 | 8 |
| 536 | 790 | 13581 | 610 | 53704 | 594 | 52995 | 474 | 69993 | 14 | 8 |
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| 384 | 667 | 56584 | 604 | 60775 | 550 | 64797 | 400 | 81867 | 03 | 5 |
| 633 | 710 | 56578 | 672 | 55995 | 620 | 58690 | 557 | 63676 | 03 | 5 |
| 866 | 758 | 01581 | 735 | 01622 | 585 | 58737 | 490 | 66781 | 03 | 5 |
| 11 | | | | | | | | | | |
| 030 | 400 | 77 4 | 228 | 06 1 | 137 | 07**4 | 122 | 00**4 | 03 | 5 |
| 567 | 462 | 69784 | 238 | 03998 | | | | | 05 | 5 |
| 17 | | | | | | | | | | |
| 606 | 725 | 56250 | 692 | 56100 | 673 | 53060 | 662 | 54050 | 14 | 2 |
| 40 | | | | | | | | | | |
| 427 | 427 | 17850 | 360 | 02610 | 341 | 97570 | 328 | 97540 | 14 | 2 |
| 648 | 680 | 53070 | | | 530 | 27940 | 504 | 33950 | 02 | 2 |
| 42 | | | | | | | | | | |
| 182 | 676 | 08 | 664 | 08 | 378 | 70*** | 275 | 90*** | 15 | 8 |
| 339 | 634 | 09060 | 490 | 51 | 364 | 66*** | 358 | 66*** | 15 | 8 |
| 475 | 515 | 01530 | 205 | 01 | | | | | 15 | 8 |
| 807 | | | | | | | | | | |
| 867 | | | | | | | | | | |
| 909 | 537 | 03740 | 482 | 00550 | 350 | 61*** | 264 | 84*** | 14 | 8 |
| 43 | | | | | | | | | | |
| 063 | 325 | 75 | | | | | | | 14 | 8 |
| 149 | | | | | | | | | | |
| 279 | | | | | | | | | | |
| 371 | | | | | | | | | | |
| 45 | | | | | | | | | | |
| 007 | 750 | 17520 | 650 | 10060 | 600 | 06050 | 550 | | 22 | 8 |
| 47 | | | | | | | | | | |
| 401 | 363 | 73889 | 240 | 21999 | 159 | 05999 | 143 | 01993 | 03 | 1 |
| 412 | 363 | 64753 | 228 | 87995 | 157 | 96994 | 101 | 58*** | 03 | 1 |
| 580 | 400 | 67993 | 272 | 87998 | 101 | 55*** | | | 03 | 1 |
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| 600 | 576 | 53665 | 437 | 63757 | 383 | 66787 | 276 | 82999 | 03 | 1 |
| 635 | 706 | 05026 | 688 | 06511 | 509 | 55676 | 490 | 55726 | 04 | 1 |
| 646 | 376 | 62714 | 320 | 70798 | 235 | 83919 | 220 | 87964 | 05 | 1 |
| 671 | 550 | 01572 | 465 | 56751 | 400 | 62993 | 360 | 67999 | 03 | 1 |
| 744 | 600 | 02504 | 549 | 52611 | 453 | 59097 | 419 | 59097 | 03 | 1 |
| 778 | 597 | 04591 | 485 | 58713 | 461 | 58693 | 373 | 64715 | 04 | 1 |
| 808 | | | | | | | | | | |
| 827 | 757 | 07071 | 655 | 03022 | 601 | 51521 | 435 | 60612 | 03 | 1 |
| 931 | 736 | 17532 | 710 | 12508 | 618 | 07621 | 420 | 62764 | 03 | 1 |
| 60 | | | | | | | | | | |
| 120 | 540 | 56990 | | | | | | | 03 | 7 |
| 390 | 850 | 23018 | 810 | 21005 | 750 | 14564 | 732 | 13565 | 02 | 5 |
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| 642 | 887 | 22108 | 846 | 22041 | 777 | 18007 | 521 | 58717 | 07 | 5 |
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| 053 | | 55270 | 713 | 55200 | 588 | 38860 | 166 | 05**0 | 02 | 7 |
| 366 | 590 | 04 0 | 578 | 05 0 | 478 | 51**4 | 400 | 60**4 | 03 | 5 |
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| 026 | 875 | | 864 | 02606 | 690 | 54691 | 638 | 58662 | 03 | 1 |
| 133 | 557 | 60751 | 400 | 76874 | 312 | 90990 | 231 | 06994 | 03 | 1 |
| 200 | 863 | 07639 | 780 | 04706 | 658 | 52756 | 630 | 53726 | 03 | 1 |
| 204 | 877 | 10003 | 794 | 07646 | 746 | 03525 | 726 | 03565 | 03 | 1 |
| 219 | 751 | 05658 | 645 | 50806 | 608 | 54616 | | 56681 | 03 | 1 |
| 231 | 548 | 59708 | 400 | 76992 | 318 | 90990 | 236 | 06994 | 03 | 1 |
| 261 | 683 | 51671 | 592 | 58736 | 528 | 66469 | 435 | 72759 | 03 | 1 |
| 273 | 908 | 14081 | 760 | 05596 | 726 | 03559 | 630 | 53721 | 03 | 1 |
| 291 | 560 | 60998 | 520 | 62787 | 438 | 72762 | 400 | 75797 | 03 | 1 |
| 350 | | | | | | | | | | |
| 361 | 663 | 52599 | 584 | 57 4 | 400 | 76846 | 328 | 88965 | 03 | 1 |
| 381 | 400 | 77851 | | | | | | | 03 | 1 |
| 398 | 673 | 54693 | 621 | 55594 | 400 | 78832 | 333 | 87953 | 03 | 1 |
| 409 | | | | | | | | | | |
| 439 | | | | | | | | | | |
| 454 | 770 | 10585 | 738 | 00728 | 664 | 53655 | 556 | 60795 | 03 | 1 |
| 485 | | 06596 | 620 | 53563 | 597 | 51751 | 525 | 58773 | 03 | 1 |
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| 202 | | | | | | | | | | |
| 208 | 575 | 03990 | 494 | 55705 | 400 | 68785 | 376 | 71808 | 03 | 1 |
| 211 | 400 | 68728 | 375 | 70737 | 270 | 90972 | 132 | 21994 | 03 | 1 |
| 219 | 668 | 06030 | 637 | 04512 | 619 | 04551 | 598 | 01564 | 03 | 1 |
| 231 | 140 | 21995 | 120 | 22998 | | | | | 03 | 1 |
| 240 | 602 | 01565 | 572 | 00701 | 492 | 55739 | 432 | 63788 | 03 | 1 |
| 250 | 400 | 67994 | 132 | 23996 | | | | | 03 | 1 |
| 253 | 588 | 04651 | 400 | 65990 | | | | | 03 | 1 |
| 259 | 770 | 17005 | 634 | | | | | | 03 | 1 |
| 265 | 594 | 02539 | 579 | 00996 | 520 | 54997 | | | 04 | 1 |
| 270 | 264 | 89977 | 168 | 15991 | 121 | 24990 | 108 | 21995 | 03 | 1 |
| 278 | 550 | 54733 | 428 | 66998 | 400 | 70995 | 101 | 69*** | 03 | 1 |
| 304 | 564 | 00622 | 400 | 68799 | 366 | 74851 | 270 | 88991 | 03 | 1 |
| 317 | 570 | 01622 | 545 | 50666 | 400 | 67997 | 338 | 76876 | 03 | 1 |
| 327 | | | | | | | | | | |
| 340 | 526 | 52574 | 485 | 56671 | 473 | 58642 | 400 | 65764 | 03 | 1 |
| 353 | 610 | 04506 | 558 | 50628 | 546 | 52584 | 400 | 67818 | 03 | 1 |
| 365 | 254 | 90952 | 150 | 16993 | 123 | 19990 | | | 03 | 1 |
| 386 | 580 | 52705 | 560 | 52994 | 400 | 73990 | 246 | 98999 | 03 | 1 |
| 394 | 895 | 21536 | 811 | 16006 | 718 | 09624 | 652 | 06651 | 03 | 1 |
| 405 | 258 | 89954 | 128 | 22994 | 108 | 20990 | | | 03 | 1 |
| 445 | 110 | 22997 | | | | | | | 03 | 1 |
| 451 | 400 | 65685 | 364 | 69764 | 250 | 89946 | 148 | 16992 | 03 | 1 |
| 476 | 285 | 85974 | 260 | 90990 | 160 | 12994 | 154 | 11994 | 03 | 1 |
| 486 | 400 | 72997 | 294 | 89993 | 119 | 16990 | 067 | 13996 | 03 | 1 |
| 493 | 932 | 18534 | 915 | 19544 | 894 | 18585 | 828 | 14612 | 03 | 1 |
| 506 | 830 | 11018 | 814 | 12098 | 400 | 68734 | 274 | 90961 | 03 | 1 |
| 518 | 745 | 06069 | 718 | 07075 | 400 | 69771 | 289 | 84949 | 03 | 1 |
| 520 | | | | | | | | | | |
| 528 | 606 | 02531 | 466 | 60683 | 400 | 66735 | 387 | 68745 | 03 | 1 |
| 534 | 880 | 21172 | 802 | 13106 | 400 | 64771 | 101 | 67095 | 03 | 1 |
| 536 | 332 | 75865 | 258 | 90000 | 143 | 22993 | 108 | 19999 | 03 | 1 |
| 553 | 470 | 58671 | 400 | 65706 | 250 | 89937 | 116 | 20995 | 03 | 1 |
| 562 | 255 | 90990 | 150 | 16995 | 125 | 20992 | 120 | 19993 | 03 | 1 |
| 576 | 400 | 71872 | 372 | 75813 | 342 | 78839 | 278 | 90943 | 03 | 1 |
| 597 | 620 | 51676 | 556 | 55638 | 400 | 72818 | 350 | 81906 | 04 | 1 |
| 600 | 743 | 02858 | 400 | 76140 | 205 | 04992 | 189 | 00990 | 03 | 1 |
| 606 | 753 | 03514 | 714 | 00664 | 690 | 01665 | 621 | 51993 | 03 | 1 |
| 655 | 748 | 13091 | 546 | 53553 | 464 | 58729 | 400 | 66802 | 03 | 1 |
| 662 | 658 | 09633 | 613 | 03618 | 439 | 63695 | 400 | 67767 | 03 | 1 |
| 681 | 400 | 74994 | 370 | 78929 | 306 | 90010 | 250 | 04990 | 03 | 1 |
| 712 | 468 | 75886 | 400 | 84953 | 355 | 89991 | 123 | 01995 | 03 | 1 |
| 734 | 550 | 53729 | 400 | 68742 | 380 | 70764 | 357 | 74842 | 03 | 1 |

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# RADIOSONDE AND RAWINSONDE DATA

| Index No. iii | Station Name | 1000 mb. hhh | TTTTT ddx | dd | ff | 850 mb. hhh | TTTTT ddx | dd | ff | 700 mb. hhh | TTTTT ddx | dd | ff | 500 mb. hhh | TTTTT ddx | dd | ff | Hour GG | Code Type |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 747 | INTL FALLS | 041 | | | | 495 | 16152 | 23 | 10 | 032 | 08062 | 25 | 13 | 920 | 56659 | 28 | 20 | 03 | 1 |
| 764 | BISMARCK | 018 | | | | 490 | 21172 | 32 | 3 | 031 | 11593 | 23 | 11 | 922 | 56999 | 25 | 21 | 03 | 1 |
| 768 | GLASGOW | 025 | | | | 487 | 17063 | | | 022 | 06506 | | | 896 | 61647 | | | 04 | 1 |
| 775 | GREAT FALLS | 017 | | | | 484 | 19052 | 27 | 3 | 019 | 05541 | 29 | 22 | 891 | 64766 | 23 | 60 | 03 | 1 |
| 785 | SPOKANE | 035 | | | | 494 | 13511 | 21 | 13 | 016 | 02661 | 23 | 21 | 878 | 65999 | 23 | 33 | 03 | 1 |
| 798 | TATOOSH IS | 062 | 11082 | 28 | 6 | 501 | 05501 | 21 | 5 | 015 | 52621 | 30 | 9 | 868 | 68997 | 27 | 22 | 03 | 1 |
| 815 | STEPHENVILLE | 023 | 09042 | 29 | 6 | 462 | 04540 | 33 | 18 | 972 | 54674 | 33 | 24 | 816 | 70997 | 31 | 27 | 03 | 1 |
| 816 | GOOSE | 023 | 07066 | 27 | 2 | 457 | 00005 | 34 | 13 | 959 | 58589 | 32 | 11 | 794 | 72725 | 35 | 25 | 03 | 1 |
| 826 | NITCHEQUON | 041 | | | | 472 | 01534 | | | *** | ***** | | | *** | ***** | | | 03 | 1 |
| 867 | THE PAS | 025 | | | | | 13127 | | | 009 | 06032 | | | 922 | 59683 | | | 03 | 1 |
| 879 | EDMONTON | 020 | | | | 474 | 12013 | 28 | 21 | 997 | 01541 | 17 | 6 | 856 | 65699 | 23 | 11 | 03 | 1 |
| 896 | PRINCE GEORG | 030 | | | | 482 | 10014 | 22 | 8 | 000 | 53551 | 20 | 38 | 845 | 70831 | 24 | 9 | 03 | 1 |
| 906 | FT CHIMO | 034 | 09046 | | | 472 | 54049 | | | 977 | 57701 | | | 818 | 68999 | | | 03 | 1 |
| 907 | PORT HARRISN | 058 | 07024 | | | | 05551 | | | 006 | 53698 | | | 853 | 69997 | | | 03 | 1 |
| 909 | UP FROBISHER | 034 | 07532 | 33 | 15 | 473 | 04606 | 36 | 29 | 982 | 54679 | 35 | 37 | 824 | 70812 | | | 09 | 1 |
| 913 | CHURCHILL | 043 | 19100 | 16 | 19 | 500 | 11037 | 17 | 19 | 020 | 01602 | 18 | 10 | 888 | 63993 | 20 | 22 | 03 | 1 |
| 915 | CORAL HARBOR | 049 | 13081 | | | 494 | 06549 | | | 010 | 51990 | | | 863 | 67993 | | | 03 | 1 |
| 917 | EUREKA | 009 | 05037 | 14 | 11 | 445 | 04016 | 19 | 18 | 951 | 55581 | 21 | 14 | 790 | 77746 | 22 | 18 | 03 | 1 |
| 918 | ARCTIC BAY | 023 | 10058 | | | 466 | 06516 | | | 975 | 57591 | | | 818 | 69995 | | | 03 | 1 |
| 924 | RESOLUTE | 004 | | | | 446 | 07520 | 19 | 21 | 959 | 54601 | 19 | 28 | 804 | 70733 | 21 | 37 | 03 | 1 |
| 926 | BAKER LAKE | 018 | 13107 | | | 472 | 15096 | | | 005 | 05521 | | | *** | ***** | | | 03 | 1 |
| 934 | FT SMITH | 017 | | | | 452 | 08031 | | | 972 | 50557 | | | 826 | 67823 | | | 03 | 1 |
| 938 | COPPERMINE | 101 | 59 | | | | | | | *** | ***** | | | *** | ***** | | | 03 | 1 |
| 945 | FORT NELSON | 030 | | | | 473 | 05541 | | | 984 | 54626 | | | 826 | 71838 | | | 03 | 1 |
| 964 | WHITEHORSE | 026 | | | | 481 | 09514 | 30 | 18 | 995 | 54605 | 32 | 24 | 837 | 70995 | 33 | 43 | 04 | 1 |
| 968 | AKLAVIK | 035 | 04535 | | | 459 | 50555 | | | 963 | 99999 | | | 800 | 70883 | | | 03 | 1 |
| | BLOCK 74 | | | | | | | | | | | | | | | | | | |
| 043 | NORMAN WELLS | 036 | 11077 | | | 472 | 00534 | | | 974 | 59623 | | | 800 | 75869 | | | 03 | 1 |
| 072 | MOULD BAY | 513 | | | | 410 | 56598 | | | 899 | 64674 | | | 713 | 80833 | | | 03 | 1 |
| 074 | ISACHSEN | 001 | | | | 428 | 51522 | | | 934 | 55609 | | | 775 | 72821 | | | 03 | 1 |
| 090 | CLYDE RIVER | 023 | 09505 | 00 | | 463 | 03544 | 34 | 21 | 974 | 56621 | 34 | 25 | 912 | 71814 | 33 | 22 | 03 | 1 |
| 109 | PORT HARDY | 057 | 11068 | | | 498 | 02061 | | | 012 | 51587 | | | 869 | 67782 | | | 03 | 1 |
| 188 | MINGAN L PT | 031 | 11002 | 33 | 12 | 469 | 01541 | 35 | 23 | 971 | 55676 | 33 | 30 | 815 | 70761 | | | 04 | 1 |
| | BLOCK 76 | | | | | | | | | | | | | | | | | | |
| 491 | C VICTORIA | 024 | | | | 499 | 21115 | | | 039 | 09526 | | | 932 | 54949 | | | 02 | 1 |
| 644 | MERIDA | 049 | 27206 | | | 508 | 18138 | | | 046 | 07019 | | | 934 | 56652 | | | 03 | 1 |
| 679 | TACUBAYA | 012 | | | | 487 | | | | 037 | 11053 | | | 926 | 56662 | | | 03 | 1 |
| | BLOCK 78 | | | | | | | | | | | | | | | | | | |
| 016 | KINDLEY FLD | 060 | 21209 | | | 514 | 12093 | | | 041 | 04024 | | | 916 | 59777 | | | 03 | 1 |
| 325 | HAVANA C B | 048 | 25229 | 29 | 10 | 514 | 18132 | 19 | 4 | 052 | 08035 | 18 | 10 | *** | ***** | | | 04 | 1 |
| 395 | VERNAM FIELD | 044 | 23229 | 02 | 5 | 503 | 17146 | 06 | 15 | 040 | 09046 | 08 | 13 | 930 | 57603 | 07 | 17 | 03 | 1 |
| 501 | SWAN ISLAND | 041 | 26222 | | | 505 | 17105 | | | 042 | 09506 | | | 933 | 56701 | | | 03 | 1 |
| 525 | SAN JUAN | 054 | 25224 | 11 | 14 | 517 | 16132 | 10 | 21 | 052 | 07052 | 10 | 15 | *** | ***** | | | 03 | 1 |
| 806 | ALBROOK FLD | 034 | 23211 | 31 | 3 | 493 | 16122 | | | 996 | 08023 | 15 | 10 | 917 | 56638 | 15 | 10 | 03 | 1 |
| 972 | WALLER FIELD | 042 | 23227 | 07 | 22 | 503 | 17161 | 07 | 23 | 039 | 07**8 | 07 | 20 | 922 | 57594 | 08 | 23 | 03 | 1 |
| | BLOCK 91 | | | | | | | | | | | | | | | | | | |
| 115 | IWO JIMA | 035 | 29254 | 18 | 17 | 503 | 17147 | 21 | 16 | 042 | 09062 | 18 | 13 | 937 | 57635 | 29 | 8 | 03 | 1 |
| 182 | HONOLULU | 047 | 23178 | 07 | 19 | 504 | 15132 | 08 | 16 | 039 | 08593 | 08 | 26 | 930 | 55991 | 01 | 10 | 03 | 1 |
| 215 | HARMON FLD | 026 | 31237 | 07 | 9 | 495 | 18147 | 07 | 12 | 034 | 10564 | 10 | 17 | 927 | 55708 | 01 | 11 | 03 | 1 |
| 245 | WAKE ISLAND | 034 | 27219 | 08 | 10 | 499 | 17148 | 08 | 12 | 037 | 10052 | 07 | 11 | 931 | 55701 | 04 | 10 | 03 | 1 |
| 366 | KWAJALEIN | 030 | 29251 | 13 | 3 | 494 | 18169 | 17 | 8 | 030 | 10043 | 14 | 7 | 933 | 53604 | 10 | 12 | 03 | 1 |
| | BLOCK 98 | | | | | | | | | | | | | | | | | | |
| 645 | CEBU | 025 | 25222 | | | 492 | 17151 | | | 025 | 09054 | | | 915 | 55570 | | | 03 | 8 |
| QLL | OCEAN STA | | | | | | | | | | | | | | | | | | |
| 034 | 0 355 400 | 078 | 22182 | 00 | | 535 | 13061 | 26 | 6 | 062 | 04588 | 30 | 5 | 937 | 60601 | 31 | 10 | 03 | 9 |
| 035 | 0 340 520 | 070 | 23202 | 23 | 14 | 529 | 14086 | 23 | 10 | 059 | 05544 | 24 | 11 | 938 | 60694 | 22 | 14 | 03 | 9 |
| 037 | 0 340 700 | 055 | 24229 | | | 517 | 16086 | | | 052 | 08593 | | | 940 | 55714 | | | 03 | 9 |
| 041 | 0 450 169 | 228 | 15141 | | | 590 | 06065 | | | 158 | 02542 | | | 779 | 66821 | | | 02 | 8 |
| 044 | 0 450 450 | 024 | 08064 | 22 | 21 | 465 | 05002 | 22 | 35 | 975 | 52565 | 25 | 46 | 828 | 68772 | 23 | 50 | 03 | 9 |
| 053 | 0 527 355 | 033 | 14137 | 19 | 15 | 485 | 12115 | 21 | 16 | 012 | 03999 | 19 | 22 | 881 | 62991 | 20 | 24 | 03 | 9 |
| 055 | 0 565 510 | | | | | 443 | 50544 | 00 | | 940 | 58612 | 00 | | 771 | 73778 | 00 | | 03 | 9 |
| 062 | 0 598 199 | 081 | 48460 | 21 | 12 | 525 | 48380 | 22 | 18 | 046 | 35160 | 26 | 14 | 912 | 09920 | 23 | 9 | 02 | 2 |
| 063 | 0 620 330 | 032 | 09083 | | | 477 | 10105 | | | 001 | 01004 | | | 868 | 63671 | | | 03 | 9 |
| 131 | 1 311 174 | 042 | 17113 | | | 495 | 18998 | | | 033 | 10993 | | | 921 | 56990 | | | 03 | 9 |
| 134 | 1 300 400 | 967 | 18143 | 05 | 10 | 515 | 11023 | 07 | 7 | 043 | 06998 | 09 | 14 | 928 | 58726 | 01 | 6 | 03 | 9 |
| 144 | 1 490 480 | 022 | 10104 | 04 | 28 | 464 | 07061 | 06 | 33 | 981 | 51522 | 07 | 32 | 835 | 68818 | 05 | 33 | 03 | 9 |
| 215 | 2 110 560 | 026 | 30230 | | | 476 | 14111 | | | 014 | 07**0 | | | 893 | 58995 | | | 03 | 9 |
| 223 | 2 292 350 | 019 | 24 | | | 474 | 24 | | | 030 | 18*** | | | 951 | 03*** | | | 02 | 1 |
| 235 | 2 390 530 | 044 | 18 | | | 492 | 16 | | | 049 | 06*** | | | 272 | 56*** | | | 02 | 9 |
| 246 | 2 440 650 | 059 | 10065 | 35 | 12 | 487 | 14022 | 32 | 21 | 022 | 09991 | 27 | 34 | 907 | 56992 | 26 | 60 | 03 | 9 |
| 360 | 3 660 020 | 207 | 06031 | 24 | 5 | 520 | 01541 | 23 | 6 | 071 | 53633 | 29 | 16 | 666 | 66768 | 32 | 31 | 03 | 5 |

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| Index No. iii | Station Name | 1000 mb. hhh | TTTTT ddx | dd | ff | 850 mb. hhh | TTTTT ddx | dd | ff | 700 mb. hhh | TTTTT ddx | dd | ff | 500 mb. hhh | TTTTT ddx | dd | ff | Hour GG | Code Type |
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| | BLOCK 01 | | | | | | | | | | | | | | | | | | |
| 001 | JAN MAYEN | 114 | 09071 | | | 480 | 08085 | | | 057 | 04523 | | | 713 | 64772 | | | 03 | 8 |
| 030 | TROMSO | 151 | 08061 | | | 470 | 51511 | | | 992 | 57588 | | | 547 | 71783 | | | 03 | 8 |
| 384 | GARDERMOEN | 162 | 99999 | | | 522 | 08021 | 06 | 10 | 099 | 51558 | 32 | 13 | 705 | 66728 | 02 | 29 | 03 | 5 |
| 415 | SOLA | 175 | 09089 | | | 550 | 12508 | | | 139 | 02603 | | | 778 | 63746 | | | 03 | 8 |
| | BLOCK 02 | | | | | | | | | | | | | | | | | | |
| 057 | LULEA KALLAS | 143 | 11051 | | | 480 | 04522 | | | 038 | 54614 | | | 618 | 69782 | | | 03 | 8 |
| 077 | STOCKHOLM | 117 | 12099 | 01 | 26 | 490 | 10053 | 02 | 25 | 064 | 50555 | 01 | 18 | 673 | 67732 | 36 | 12 | 03 | 5 |
| 084 | GOTEBORG | 123 | 15125 | | | 502 | 11057 | | | 090 | 51541 | | | 687 | 67706 | | | 03 | 8 |
| | BLOCK 03 | | | | | | | | | | | | | | | | | | |
| 005 | LERWICK | 071 | 48470 | | | 509 | 45370 | 03 | 14 | *** | ***** | | | 906 | 11980 | 02 | 27 | 02 | 2 |
| 026 | STORNOWAY | 083 | 52490 | 04 | 9 | 514 | 48420 | 02 | 22 | 043 | 32930 | 05 | 23 | 929 | 10020 | 05 | 25 | 08 | 2 |
| 743 | LARKHILL | 073 | 50470 | | | 513 | 47340 | 05 | 17 | 030 | 28240 | 05 | 16 | 886 | 02820 | 07 | 9 | 02 | 2 |
| 808 | CAMBORNE | 085 | 60480 | 05 | 12 | 518 | 46310 | 06 | 18 | 036 | 29220 | 08 | 20 | 396 | 05830 | 09 | 18 | 08 | 2 |
| 917 | ALDERGROVE | 080 | 54530 | 35 | 12 | 522 | 46360 | 01 | 13 | 042 | 32810 | 01 | 21 | 896 | 99840 | 03 | 30 | 02 | 2 |
| 953 | VALENTIA | 081 | 56 0 | 05 | 8 | 525 | 39 0 | 01 | 11 | 041 | 32**0 | | | 898 | 03**0 | | | 03 | 2 |
| | BLOCK 04 | | | | | | | | | | | | | | | | | | |
| 018 | KEFLAVIK | 059 | 09088 | 16 | 34 | 550 | 08077 | 02 | 50 | 261 | 3**** | 89 | 46 | 283 | 1**** | | | 03 | 1 |
| 202 | THULE | 013 | 04019 | 32 | 8 | 448 | 04545 | 15 | 2 | 961 | 52594 | 19 | 13 | 810 | 68991 | 20 | 5 | 03 | 1 |
| 231 | SOR STROMFRD | 026 | 07019 | 00 | | 461 | 01004 | 19 | 2 | 965 | 56718 | 36 | 10 | 806 | 70998 | 35 | 18 | 03 | 1 |
| 270 | NARSSARSSUAK | 030 | 06057 | 00 | | 463 | 01003 | 00 | | 967 | 55582 | 11 | 5 | 799 | 74768 | 11 | 11 | 04 | 1 |
| 339 | SCORESBYSUND | 013 | 09 | 37 | 7 | 461 | 15 | 23 | 31 | 991 | 07*** | 24 | 36 | 868 | 60*** | 18 | 30 | 03 | 1 |
| 360 | ANGMAGSSALIK | 088 | 07050 | 11 | 3 | 546 | 02020 | 14 | 10 | 873 | 54620 | 20 | 12 | 549 | 70800 | 22 | 20 | 02 | 5 |
| | BLOCK 06 | | | | | | | | | | | | | | | | | | |
| 180 | KOBENHAVN | 121 | 16155 | 31 | 10 | 495 | 10070 | 02 | 19 | 073 | 52523 | 01 | 10 | 666 | 68749 | 36 | 21 | 03 | 5 |
| 260 | DE BILT | 196 | 11111 | | | 546 | 08071 | | | 127 | 50542 | | | 760 | 64769 | | | 03 | 8 |
| 447 | UCCLE | 200 | 12125 | | | 540 | 06038 | | | 120 | 01533 | | | 744 | 65763 | | | 03 | 8 |
| 610 | PAYERNE | 125 | | | | 535 | 09056 | 06 | 10 | 120 | 03030 | 23 | 10 | 775 | 62662 | 27 | 24 | 05 | 5 |
| | BLOCK 07 | | | | | | | | | | | | | | | | | | |
| 110 | BREST | 198 | 11097 | 05 | 15 | 540 | 05015 | 07 | 18 | 105 | 51584 | 13 | 14 | 710 | 68755 | 19 | 10 | 02 | 5 |
| 145 | TRAPPES | 197 | 11108 | | | 540 | 04545 | | | 100 | 52742 | | | 705 | 05902 | | | 02 | 8 |
| 190 | STRASBOURG | 183 | 12107 | | | 550 | 06035 | | | 119 | 01565 | | | 749 | 65744 | | | 02 | 8 |
| 480 | LYON | 150 | | | | 530 | 11075 | | | 115 | 01006 | | | 739 | 65666 | | | 02 | 8 |
| 510 | BORDEAUX | 153 | 16141 | 07 | 2 | 500 | 10089 | 08 | 10 | 069 | 02019 | 22 | 20 | 701 | 65695 | 25 | 4 | 02 | 5 |
| 645 | NIMES | 131 | 20169 | 03 | 9 | 530 | 13112 | | | 142 | 03037 | | | 796 | 63633 | | | 02 | 5 |
| | BLOCK 08 | | | | | | | | | | | | | | | | | | |
| 509 | LAGENS | 088 | 17159 | 04 | 10 | 537 | 08081 | 03 | 12 | *** | 03**9 | 10 | 15 | 933 | 61715 | 01 | 23 | 03 | 1 |
| 521 | FUNCHAL | 185 | 20132 | | | 570 | 17514 | | | 200 | 06537 | | | 873 | 60758 | | | 14 | 8 |
| 536 | PORTELA | 150 | 19135 | | | 529 | 13010 | | | 138 | 05997 | | | 816 | 60990 | | | 14 | 8 |
| | BLOCK 10 | | | | | | | | | | | | | | | | | | |
| 034 | SCHLESWIG | 050 | 55554 | 34 | 24 | 501 | 52340 | 35 | 27 | 023 | 32180 | 01 | 19 | 882 | 05880 | 01 | 14 | 02 | 2 |
| 338 | HANNOVER | 053 | 54530 | 29 | 15 | 499 | 47390 | 01 | 20 | 009 | 28220 | 01 | 25 | *** | ***** | | | 02 | 2 |
| 384 | TEMPELHOF | 139 | 11117 | 27 | 11 | 485 | 06024 | 30 | 15 | 052 | 51527 | 35 | 20 | 661 | 67723 | 36 | 30 | 03 | 5 |
| 419 | ISERLOHN | | | | | 503 | 48430 | | | 020 | 32240 | | | 880 | 05860 | | | 02 | 2 |
| 633 | WIESBADEN | 184 | 11102 | 07 | 2 | 529 | 06501 | 02 | 14 | 104 | 50562 | 35 | 12 | 727 | 64788 | 33 | 14 | 03 | 5 |
| 866 | MUNCHEN RIEM | 179 | 99999 | 99 | 99 | 532 | 09011 | 29 | 11 | 109 | 00602 | 29 | 23 | 735 | 64798 | 31 | 28 | 03 | 5 |
| | BLOCK 11 | | | | | | | | | | | | | | | | | | |
| 030 | TULLN | 155 | | | | 521 | 09527 | 29 | 12 | 102 | 53570 | 29 | 32 | 706 | 66725 | 25 | 65 | 03 | 5 |
| 567 | PRAHA KBELY | 162 | | | | 520 | 05036 | | | 080 | 51537 | | | 690 | 67757 | | | 05 | 5 |
| | BLOCK 16 | | | | | | | | | | | | | | | | | | |
| 596 | QRENDI | 056 | 70650 | | | 516 | 67200 | 08 | 8 | 055 | 51960 | 01 | 16 | 944 | 17760 | 33 | 14 | 02 | 2 |
| | BLOCK 17 | | | | | | | | | | | | | | | | | | |
| 130 | ANKARA | | | | | 550 | 10033 | | | 148 | 04622 | | | 830 | 59994 | | | 02 | 8 |
| 606 | NICOSIA | | | | | 489 | 69420 | | | 030 | 55100 | | | 931 | 29710 | | | 02 | 7 |
| | BLOCK 40 | | | | | | | | | | | | | | | | | | |
| 427 | BAHREIN | 512 | | | | 470 | 91170 | 33 | 27 | 031 | 68190 | 02 | 7 | 939 | 22100 | 19 | 82 | 14 | 2 |
| 648 | HABBANIYA | | | | | 475 | 77330 | 33 | 20 | 023 | 59030 | 28 | 27 | 928 | 35730 | 35 | 16 | 02 | 2 |
| | BLOCK 42 | | | | | | | | | | | | | | | | | | |
| 182 | NEW DELHI | 503 | | | | 141 | 22180 | | | 308 | 14120 | | | 585 | 00*** | | | 15 | 8 |
| 339 | JODHPUR | 501 | | | | 142 | 21190 | | | 309 | 14080 | | | 584 | 52550 | | | 15 | 8 |
| 475 | BAMRAULI AL | 501 | | | | 143 | 21190 | | | 309 | 13090 | | | 585 | 51520 | | | 15 | 8 |
| 807 | CALCUTTA | 002 | 27260 | | | 144 | 19180 | | | 309 | 11110 | | | 585 | 50*** | | | 15 | 8 |
| 867 | NAGPUR | 001 | | | | 144 | 20150 | | | 309 | 14030 | | | 584 | 54*** | | | 14 | 8 |
| 909 | VERAVAL | 002 | 28250 | | | 145 | 15140 | | | 308 | 09540 | | | 581 | 52*** | | | 15 | 8 |
| | BLOCK 43 | | | | | | | | | | | | | | | | | | |
| 063 | POONA | 004 | | | | 146 | 18160 | | | 311 | 13030 | | | 586 | 52*** | | | 14 | 8 |
| 149 | VIZAGAPATAM | 002 | | | | 146 | 22180 | | | 313 | 11080 | | | 587 | 53*** | | | 14 | 8 |
| 279 | MADRAS | 004 | 28230 | | | 148 | 21170 | | | 313 | 09080 | | | 584 | 58*** | | | 14 | 8 |
| 371 | TRIVANDRUM | 009 | 26230 | | | 151 | 19120 | | | 792 | 15070 | | | *** | ***** | | | 15 | 8 |
| | BLOCK 45 | | | | | | | | | | | | | | | | | | |
| 007 | KAI TAK | 005 | 26250 | | | 147 | 21130 | | | 313 | 16120 | | | 589 | 52**0 | | | 22 | 8 |
| | BLOCK 47 | | | | | | | | | | | | | | | | | | |
| 401 | WAKKANAI | | | | | 470 | 12042 | | | 001 | 10513 | | | 895 | 54711 | | | 03 | 1 |
| 412 | SAPPORO OCMO | | 21141 | | | 458 | 11076 | | | 986 | 00851 | | | 877 | 04005 | | | 04 | 1 |
| 580 | MISAWA | | | | | 458 | 10105 | 23 | 5 | 989 | 07045 | 30 | 5 | 875 | 57731 | 09 | 9 | 03 | 1 |
| 590 | SENDAI OCMO | 013 | | | | 469 | 15093 | | | 998 | 07602 | | | 884 | 55711 | | | 03 | 1 |
| 600 | WAJIMA | 020 | 20165 | | | 469 | 14062 | | | 997 | 07515 | | | 886 | 55698 | | | 03 | 1 |
| 635 | NAGOYA | 006 | 26218 | 27 | 8 | 465 | 15998 | 34 | 4 | 995 | 07993 | 35 | 8 | 880 | 58992 | 24 | 17 | 05 | 1 |
| 744 | YONAGO | 016 | 20175 | | | 460 | 04089 | | | 007 | 09429 | | | 895 | 54698 | | | 03 | 1 |
| 778 | SHIONOMISAKI | | | | | 403 | 13107 | | | 992 | 08052 | | | 884 | 53658 | | | 03 | 1 |
| 808 | ITAZUKE | 014 | 21187 | 31 | 8 | 466 | 14078 | 10 | 17 | 999 | 69628 | 24 | 2 | 888 | 56703 | 27 | 21 | 03 | 1 |
| 827 | KAGOSHIMA | 013 | 19166 | 16 | 6 | 455 | 09060 | 15 | 5 | 000 | 05522 | 24 | 11 | 860 | 57681 | 28 | 16 | 03 | 1 |
| | BLOCK 60 | | | | | | | | | | | | | | | | | | |
| 120 | PORT LYAUTEY | 019 | 16138 | | | 492 | 18997 | | | 034 | 09997 | | | 911 | 60994 | | | 03 | 6 |
| 390 | M BLANCHE | 107 | 21202 | | | 540 | 23157 | | | 190 | 12002 | | | 880 | 63718 | | | 02 | 8 |
| | BLOCK 61 | | | | | | | | | | | | | | | | | | |
| 642 | DAKAR OUAKAM | 115 | 26233 | 22 | 5 | 540 | 19132 | 18 | 11 | 173 | 08034 | 09 | 16 | 820 | 54997 | 09 | 16 | 07 | 5 |
| | BLOCK 62 | | | | | | | | | | | | | | | | | | |
| 053 | BENINA | 051 | | | | 509 | 62180 | | | 047 | 50920 | | | 938 | 19580 | | | 02 | 7 |
| 366 | FAROUK | 088 | 20196 | 34 | 3 | 501 | 23 1 | 06 | 14 | 152 | 12**0 | 11 | 3 | 920 | 06**0 | 36 | 5 | 03 | 5 |
| | BLOCK 70 | | | | | | | | | | | | | | | | | | |
| 026 | BARROW | 027 | 01517 | 24 | 12 | 462 | 05006 | 25 | 26 | 977 | 50667 | 25 | 27 | 835 | 66771 | 27 | 30 | 03 | 1 |
| 133 | KOTZEBUE | 027 | 11041 | | | 476 | 08023 | 19 | 26 | 992 | 53580 | 19 | 26 | 844 | 66702 | 19 | 33 | 04 | 1 |
| 200 | NOME | 032 | 05057 | 17 | 8 | 467 | 03030 | 18 | 16 | 978 | 53557 | 18 | 32 | 827 | 68703 | 17 | 35 | 03 | 1 |
| 204 | GAMBELL | 022 | 05048 | | | 454 | 50528 | | | 961 | 53995 | | | 807 | 69843 | | | 03 | 1 |
| 219 | BETHEL | 033 | 12089 | 22 | 9 | 475 | 07042 | | | 990 | 92581 | | | 846 | 65673 | | | 03 | 1 |
| 231 | MCGRATH | 034 | 24092 | 27 | 8 | 489 | 10007 | 20 | 26 | 010 | 00665 | 20 | 27 | 870 | 64985 | 20 | 27 | 03 | 1 |
| 261 | FRBNKS WEEKS | 034 | | | | 494 | 13047 | 24 | 10 | 016 | 01996 | 27 | 17 | 879 | 65734 | 27 | 28 | 03 | 1 |
| 273 | ANCH MERRILL | 061 | 15082 | 03 | 3 | 505 | 06034 | 20 | 9 | 023 | 02583 | 21 | 17 | 889 | 64758 | 21 | 17 | 03 | 1 |
| 291 | NORTHWAY | 034 | | | | 498 | 14076 | 29 | 12 | 022 | 00629 | 30 | 14 | 881 | 66793 | 31 | 24 | 03 | 1 |
| 316 | FORT RANDALL | 101 | 42 | | | | | | | *** | ***** | | | *** | ***** | | | 03 | 1 |
| 350 | KODIAK | 101 | 42 | | | | | | | *** | ***** | | | *** | ***** | | | 03 | 1 |
| 361 | YAKUTAT | 074 | 09068 | 15 | 8 | 510 | 02014 | | | 025 | 01637 | 23 | 2 | 888 | 63995 | 33 | 14 | 03 | 1 |
| 381 | JUNEAU | 072 | 12082 | 10 | 4 | 512 | 02015 | 21 | 4 | 025 | 00585 | | | 887 | 64766 | | | 03 | 1 |
| 398 | ANNETTE IS | 074 | 12046 | 13 | 4 | 514 | 06001 | 26 | 2 | 029 | 50578 | 26 | 5 | 891 | 64724 | 32 | 10 | 03 | 1 |
| 409 | MASSACHE BAY | 101 | 42 | | | | | | | *** | ***** | | | *** | ***** | | | 03 | 1 |
| 439 | AMCHITKA | 101 | 42 | | | | | | | *** | ***** | | | *** | ***** | | | 03 | 1 |
| 454 | LONGVIEW | 039 | 09052 | 27 | 15 | 473 | 50517 | 29 | 15 | 980 | 52650 | 28 | 17 | 835 | 67990 | 29 | 29 | 03 | 1 |



# RADIOSONDE AND RAWINSONDE DATA— Continued

| Index No. iii | 300 mb. hhh | TTTTT ddx | dd | ff | 200 mb. hhh | TTTTT ddx | dd | ff | 100 mb. hhh | TTTTT ddx | dd | ff | Hour GG | Code Type |
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| 764 | | | | | | | | | | | | | | |
| 768 | | | | | | | | | | | | | | |
| 775 | | | | | | | | | | | | | | |
| 785 | | | | | | | | | | | | | | |
| 798 | | | | | | | | | | | | | | |
| 815 | | | | | | | | | | | | | | |
| 816 | | | | | | | | | | | | | | |
| 826 | | | | | | | | | | | | | | |
| 867 | | | | | | | | | | | | | | |
| 879 | | | | | | | | | | | | | | |
| 896 | | | | | | | | | | | | | | |
| 906 | 995 | 97991 | | | 858 | 95994 | | | 476 | 95998 | | | 03 | 1 |
| 907 | 034 | 96991 | | | 896 | 00997 | | | 377 | 00994 | | | 03 | 1 |
| 909 | 000 | 95993 | 36 | 68 | 879 | 93998 | 36 | 41 | 415 | 91999 | | | 09 | 1 |
| 913 | 102 | 89932 | 23 | 25 | | | | | | | | | 03 | 1 |
| 915 | 059 | 93990 | | | 921 | 06996 | | | 402 | 98990 | | | 03 | 1 |
| 917 | 958 | 97992 | 21 | 29 | 830 | 94993 | 23 | 15 | 376 | 90991 | 22 | 11 | 03 | 1 |
| 918 | 994 | 98993 | | | 851 | 00990 | | | 364 | 94990 | | | 03 | 1 |
| 924 | 981 | 96996 | 23 | 62 | 484 | 00990 | | | 371 | 93992 | | | 03 | 1 |
| 926 | | | | | | | | | | | | | | |
| 934 | 101 | 50 | | | | | | | | | | | 03 | 1 |
| 938 | 101 | 59 | | | | | | | | | | | 03 | 1 |
| 945 | 002 | 95996 | | | 886 | 93997 | | | 416 | 94990 | | | 03 | 1 |
| 964 | 023 | 94990 | | | 889 | 01990 | | | | | | | 04 | 1 |
| 968 | 982 | 92991 | | | 882 | 89998 | | | 442 | 87995 | | | 02 | 1 |
| 74 | | | | | | | | | | | | | | |
| 043 | 960 | 93994 | | | 862 | 89990 | | | 413 | 92990 | | | 03 | 1 |
| 072 | 874 | 86999 | | | 797 | 85998 | | | 369 | 88992 | | | 03 | 1 |
| 074 | 940 | 97991 | | | | | | | | | | | 03 | 1 |
| 090 | 984 | 97996 | 35 | 41 | 859 | 93999 | 35 | 42 | 374 | 94999 | | | 03 | 1 |
| 109 | 072 | 89953 | | | 961 | 95993 | | | 472 | 95990 | | | 03 | 1 |
| 188 | 101 | 50 | | | | | | | | | | | 04 | 1 |
| 76 | | | | | | | | | | | | | | |
| 491 | 188 | 81995 | | | 089 | 03990 | | | 459 | 26297 | | | 02 | 1 |
| 644 | 183 | 83833 | | | 073 | 06995 | | | | | | | 03 | 1 |
| 679 | 142 | 83991 | | | 067 | 05999 | | | | | | | 03 | 1 |
| 78 | | | | | | | | | | | | | | |
| 016 | 147 | 85990 | | | 035 | 06996 | | | | | | | 03 | 1 |
| 325 | | | | | | | | | | | | | | |
| 395 | | | | | | | | | | | | | | |
| 501 | 180 | 83883 | | | 072 | 05990 | | | 450 | 21993 | | | 03 | 1 |
| 525 | | | | | | | | | | | | | | |
| 806 | 101 | 50 | | | | | | | | | | | 03 | 1 |
| 972 | 164 | 83897 | 11 | 7 | 056 | 992 | 04 | 14 | | | | | 03 | 1 |
| 91 | | | | | | | | | | | | | | |
| 115 | 189 | 81861 | 34 | 15 | | | | | | | | | 03 | 1 |
| 182 | 181 | 84994 | 26 | 14 | 073 | 03999 | 26 | 81 | 471 | 20999 | 19 | 20 | 03 | 1 |
| 215 | 181 | 81957 | 04 | 21 | 082 | 01993 | 05 | 18 | 474 | ***** | | | 03 | 1 |
| 245 | 184 | 91993 | 28 | 17 | | 03997 | 26 | 48 | 433 | 99999 | | | 03 | 1 |
| 366 | 192 | 80872 | 01 | 9 | 093 | 03991 | 24 | 7 | 472 | 21992 | 26 | 3 | 03 | 1 |
| 98 | | | | | | | | | | | | | | |
| 645 | 183 | 77822 | | | 098 | 98992 | | | 482 | 26991 | | | 03 | 8 |
| QLL | | OCEAN | STA | | | | | | | | | | | |
| 034 | 159 | 86998 | 10 | 21 | 040 | 06999 | 07 | 50 | 440 | 15994 | 09 | 3 | 03 | 9 |
| 035 | 167 | 87994 | | | 043 | 08999 | | | 426 | 17991 | | | 03 | 9 |
| 037 | 187 | 82995 | | | 083 | 04995 | | | | | | | 03 | 9 |
| 041 | 940 | 95 4 | | | 203 | 05111 | | | 648 | 06**4 | | | 02 | 8 |
| 044 | 116 | 85889 | 23 | 46 | 000 | 06990 | 23 | 84 | 430 | 07995 | | | 03 | 9 |
| 053 | 098 | 89980 | | | | | | | | | | | 03 | 9 |
| 055 | 937 | 94990 | 19 | 18 | 835 | 91991 | 18 | 17 | | | | | 03 | 9 |
| 062 | 123 | 59 | 22 | 12 | 991 | 26 0 | 18 | 16 | 441 | 36**0 | 03 | 4 | 02 | 2 |
| 063 | 084 | 89986 | | | 954 | 10996 | | | 419 | 98999 | | | 03 | 9 |
| 131 | 153 | 87991 | | | 032 | 05998 | | | | | | | 03 | 9 |
| 134 | 157 | 86995 | | | 039 | 05996 | | | 436 | 17997 | | | 03 | 9 |
| 144 | 016 | 94996 | 07 | 41 | 894 | 97995 | | | 382 | 00998 | | | 03 | 9 |
| 215 | 101 | 50 | | | | | | | | | | | 03 | 9 |
| 223 | 267 | 65 | | | 218 | 89 | | | 698 | 05*** | | | 02 | 1 |
| 235 | 235 | 77 | | | | | | | | | | | 02 | 9 |
| 246 | 144 | 84992 | | | 041 | 80993 | | | 430 | 09993 | | | 03 | 9 |
| 360 | 988 | 94021 | 33 | 50 | 193 | 99991 | 34 | 38 | | | | | 03 | 5 |
| 01 | | | | | | | | | | | | | | |
| 001 | 936 | 91996 | | | 203 | 01995 | | | | | | | 03 | 8 |
| 030 | 913 | 92 4 | | | | | | | | | | | 03 | 8 |
| 384 | 932 | 97028 | 04 | 71 | 196 | 98993 | 03 | 37 | | | | | 03 | 5 |
| 415 | 945 | 92011 | | | 210 | 01997 | | | 665 | 00998 | | | 03 | 8 |
| 02 | | | | | | | | | | | | | | |
| 057 | 101 | 43 | | | | | | | | | | | 03 | 8 |
| 077 | 930 | 93008 | 00 | | 197 | 94991 | 36 | 12 | 659 | 67991 | | | 03 | 5 |
| 084 | 930 | 95993 | | | 194 | 98994 | | | 649 | 01996 | | | 03 | 8 |
| 03 | | | | | | | | | | | | | | |
| 005 | 115 | 60510 | 03 | 46 | | | | | | | | | 02 | 2 |
| 026 | 141 | 65530 | 06 | 40 | | | | | | | | | 08 | 2 |
| 743 | 072 | 50 0 | 11 | 12 | | | | | | | | | 02 | 2 |
| 808 | 096 | 56 0 | 08 | 22 | 966 | 44 0 | 11 | 12 | | | | | 08 | 2 |
| 917 | 084 | 50 0 | 05 | 34 | | | | | | | | | 02 | 2 |
| 953 | 086 | 51 0 | | | 948 | 39 0 | | | 428 | 39**0 | | | 03 | 2 |
| 04 | | | | | | | | | | | | | | |
| 018 | 115 | 88956 | | | 989 | 09953 | | | | | | | 03 | 1 |
| 202 | 992 | 96993 | 32 | 13 | 857 | 96990 | 26 | 10 | | | | | 03 | 1 |
| 231 | 988 | 95988 | 36 | 26 | | 62999 | 00 | | 408 | 94991 | 00 | | 03 | 1 |
| 270 | 101 | 50 | | | | | | | | | | | 04 | 1 |
| 339 | 101 | 42 | | | | | | | | | | | 03 | 1 |
| 360 | 101 | 43 | | | | | | | | | | | 02 | 5 |
| 06 | | | | | | | | | | | | | | |
| 180 | 926 | 97994 | 35 | 19 | 188 | 96994 | | | | | | | 03 | 5 |
| 260 | 943 | 92 | | | | | | | | | | | 03 | 8 |
| 447 | 400 | 93 0 | | | 052 | 00 0 | | | 585 | 01**0 | | | 03 | 8 |
| 610 | 500 | 82942 | 29 | 55 | 200 | 95 7 | | | | | | | 05 | 5 |
| 07 | | | | | | | | | | | | | | |
| 110 | 931 | 94 1 | 17 | 32 | 199 | 97 4 | 23 | 21 | | | | | 02 | 5 |
| 145 | 101 | 43 | | | | | | | | | | | 02 | 8 |
| 190 | 949 | 90 4 | | | 207 | 97 4 | | | 658 | 01**4 | | | 02 | 8 |
| 480 | 940 | 92 1 | | | 205 | 00 7 | | | | | | | 02 | 8 |
| 510 | 937 | 90 1 | 22 | 44 | 204 | 00 1 | 23 | 50 | | | | | 02 | 5 |
| 645 | 952 | 87895 | | | 220 | 00 4 | | | 660 | 08**0 | | | 02 | 5 |
| 08 | | | | | | | | | | | | | | |
| 509 | 156 | 86881 | 01 | 61 | 032 | 09993 | 01 | 53 | | | | | 03 | 1 |
| 521 | 960 | 87973 | | | | | | | | | | | 14 | 8 |
| 536 | 953 | 87990 | | | 226 | 97992 | | | 674 | 03994 | | | 14 | 8 |
| 10 | | | | | | | | | | | | | | |
| 034 | 082 | 54 0 | 02 | 14 | 990 | 46 0 | 01 | 18 | 446 | 41**0 | 33 | 3 | 02 | 2 |
| 338 | 051 | 48 0 | 02 | 27 | 958 | 47 0 | 21 | 14 | 409 | 38**0 | 29 | 9 | 02 | 2 |
| 384 | 931 | 91098 | 03 | 50 | 202 | 94990 | 29 | 24 | 664 | 07995 | 29 | 13 | 03 | 5 |
| 419 | | | | | | | | | 432 | 39**0 | | | 02 | 2 |
| 633 | 938 | 92999 | 28 | 20 | 206 | 94999 | | | 667 | 97994 | | | 03 | 5 |
| 866 | 938 | 92995 | 27 | 55 | 208 | 36995 | 27 | 33 | | | | | 03 | 5 |
| 11 | | | | | | | | | | | | | | |
| 030 | 937 | 91 8 | 25 | 63 | 207 | 95 6 | | | | | | | 03 | 5 |
| 567 | 933 | 89993 | | | 208 | 93992 | | | | | | | 05 | 5 |
| 16 | | | | | | | | | | | | | | |
| 596 | 175 | 65420 | 30 | 18 | | | | | | | | | 02 | 2 |
| 17 | | | | | | | | | | | | | | |
| 130 | 101 | 43 | | | | | | | | | | | 02 | 8 |
| 606 | 209 | 83430 | | | 122 | 43 0 | | | 503 | 89**0 | | | 02 | 7 |
| 40 | | | | | | | | | | | | | | |
| 427 | 205 | 91510 | 01 | 5 | 139 | 55 | 08 | 15 | 558 | 96**0 | 08 | 35 | 14 | 2 |
| 648 | | 88470 | 18 | 3 | 139 | 49 0 | 17 | 6 | | | | | 02 | 2 |
| 42 | | | | | | | | | | | | | | |
| 182 | 980 | 69 | | | 270 | 87 | | | 723 | 11*** | | | 15 | 8 |
| 339 | 971 | 77 | | | | | | | | | | | 15 | 8 |
| 475 | 975 | 75 | | | 258 | 95 | | | | | | | 15 | 8 |
| 807 | 101 | 43 | | | | | | | | | | | 15 | 8 |
| 867 | 972 | 78 | | | 251 | 98 | | | | | | | 14 | 8 |
| 909 | 968 | 78 | | | 241 | 02 | | | | | | | 15 | 8 |
| 43 | | | | | | | | | | | | | | |
| 063 | 101 | 43 | | | | | | | | | | | 14 | 8 |
| 149 | 760 | 64 | | | | | | | | | | | 14 | 8 |
| 279 | 963 | 83 | | | | | | | | | | | 14 | 8 |
| 371 | 101 | 43 | | | | | | | | | | | 15 | 8 |
| 45 | | | | | | | | | | | | | | |
| 007 | 101 | 50 | | | | | | | | | | | 22 | 8 |
| 47 | | | | | | | | | | | | | | |
| 401 | 181 | 69844 | | | 108 | 97999 | | | 614 | 90991 | | | 03 | 1 |
| 412 | 137 | 79843 | | | 057 | 96990 | | | 561 | 98999 | | | 04 | 1 |
| 580 | 089 | 33990 | 15 | 4 | 987 | 00990 | 24 | 34 | 518 | 16990 | 24 | 32 | 03 | 1 |
| 590 | 034 | 79915 | | | 950 | 95990 | | | 432 | 02996 | | | 03 | 1 |
| 600 | 130 | 81995 | | | 052 | 58990 | | | | | | | 03 | 1 |
| 635 | 116 | 84990 | 26 | 31 | 006 | 02993 | | | | | | | 05 | 1 |
| 744 | 039 | 75875 | | | 068 | 90992 | | | | | | | 03 | 1 |
| 778 | 750 | 77875 | | | 085 | 93990 | | | 568 | 07990 | | | 03 | 1 |
| 808 | 142 | 80990 | 29 | 71 | 054 | 97999 | 79 | 10 | | | | | 03 | 1 |
| 827 | 121 | 75865 | 30 | 42 | 052 | 92998 | | | 533 | 11992 | | | 03 | 1 |
| 60 | | | | | | | | | | | | | | |
| 120 | 101 | 43 | | | | | | | | | | | 03 | 6 |
| 390 | 957 | 87943 | | | | | | | | | | | 02 | 8 |
| 61 | | | | | | | | | | | | | | |
| 642 | 971 | 79879 | 11 | 17 | 247 | 01 4 | 09 | 18 | | | | | 07 | 5 |
| 62 | | | | | | | | | | | | | | |
| 053 | 197 | 77440 | | | 094 | 43 0 | | | 500 | 04**0 | | | 02 | 7 |
| 366 | 101 | 43 | | | | | | | | | | | 03 | 5 |
| 70 | | | | | | | | | | | | | | |
| 026 | 027 | 94994 | 27 | 34 | 890 | 01990 | 26 | 22 | | | | | 03 | 1 |
| 133 | 040 | 94991 | | | 898 | 03992 | | | 396 | 95992 | | | 04 | 1 |
| 200 | 019 | | 18 | 57 | 879 | 02990 | | | | | | | 03 | 1 |
| 204 | | | | | | | | | | | | | 03 | 1 |
| 219 | 046 | 91998 | | | 911 | 07995 | | | 405 | 96997 | | | 03 | 1 |
| 231 | 071 | 92990 | 22 | 31 | 924 | 14990 | | | 377 | 98999 | | | 03 | 1 |
| 261 | 076 | 93993 | 29 | 29 | 933 | 09997 | 29 | 56 | 411 | 98995 | | | 03 | 1 |
| 273 | 089 | 93990 | 25 | 13 | 946 | 11991 | 24 | 19 | 412 | 98999 | 22 | 9 | 03 | 1 |
| 291 | 074 | 94991 | 30 | 32 | | | | | | | | | 03 | 1 |
| 316 | 101 | 42 | | | | | | | | | | | 03 | 1 |
| 350 | 101 | 42 | | | | | | | | | | | 03 | 1 |
| 361 | 089 | 93990 | 31 | 17 | 950 | 04993 | 31 | 17 | 419 | 00998 | 32 | 3 | 03 | 1 |
| 381 | 084 | 92992 | | | 943 | 06992 | | | | | | | 03 | 1 |
| 398 | 093 | 92993 | 28 | 23 | 954 | 10999 | 28 | 21 | 409 | ***** | | | 03 | 1 |
| 409 | 101 | 42 | | | | | | | | | | | 03 | 1 |
| 439 | 101 | 42 | | | | | | | | | | | 03 | 1 |
| 454 | 038 | 90995 | | | 925 | 93998 | | | 457 | 93997 | | | 03 | 1 |

# RADIOSONDE AND RAWINSONDE DATA
## SIGNIFICANT LEVELS

| Index No. iii | 1st. 5th. etc. Level PPP | TTTTT ddx | 2nd. 6th. etc. Level PPP | TTTTT ddx | 3rd. 7th. etc. Level PPP | TTTTT ddx | 4th. 8th. etc. Level PPP | TTTTT ddx | Hour GG | Code Type |
|---|---|---|---|---|---|---|---|---|---|---|
| 747 | | | | | | | | | | |
| 764 | | | | | | | | | | |
| 768 | | | | | | | | | | |
| 775 | | | | | | | | | | |
| 785 | | | | | | | | | | |
| 798 | | | | | | | | | | |
| 815 | | | | | | | | | | |
| 816 | | | | | | | | | | |
| 826 | | | | | | | | | | |
| 867 | 978 | 18162 | 962 | 18153 | 878 | 13127 | 776 | 11098 | 03 | 1 |
| 879 | | | | | | | | | | |
| 896 | | | | | | | | | | |
| 906 | 009 | 09056 | 957 | | 930 | 07516 | 810 | 51561 | 03 | 1 |
| 907 | 020 | 07037 | 964 | 07004 | 916 | 04544 | 885 | 06562 | 03 | 1 |
| 909 | 010 | 07537 | 984 | 05548 | 964 | 10571 | 917 | 09582 | 09 | 1 |
| 913 | 014 | 18109 | 965 | 19084 | 937 | 18092 | 837 | 10026 | 03 | 1 |
| 915 | 011 | 12091 | 980 | 14066 | 946 | 12028 | 915 | 10015 | 03 | 1 |
| 917 | 003 | 05023 | 986 | 07049 | 956 | 07045 | 890 | 03019 | 03 | 1 |
| 918 | 007 | 09042 | 986 | 14070 | 648 | 60655 | 620 | 57734 | 03 | 1 |
| 924 | 999 | 06033 | 947 | 09042 | 912 | 11012 | 883 | | 03 | 1 |
| 926 | 006 | 11084 | 992 | 16134 | 942 | 19137 | 818 | 12065 | 03 | 1 |
| 934 | 982 | 12085 | 895 | 07064 | 879 | 08031 | 789 | 05015 | 03 | 1 |
| 938 | | | | | | | | | | |
| 945 | 967 | 15092 | 945 | 13003 | 830 | 03555 | 582 | 62744 | 03 | 1 |
| 964 | 931 | 16043 | 910 | 63025 | 612 | 64690 | 572 | 63794 | 04 | 1 |
| 968 | 013 | 05003 | 892 | 52567 | 864 | 50531 | 880 | 52591 | 03 | 1 |
| 74 | | | | | | | | | | |
| 043 | 002 | 12072 | 622 | 65805 | 570 | 69787 | 400 | 87938 | 03 | 1 |
| 072 | 993 | 01514 | 640 | 68718 | 410 | 90990 | 400 | 90997 | 03 | 1 |
| 074 | 997 | 02029 | 890 | 51537 | 868 | 51537 | 758 | 51536 | 03 | 1 |
| 090 | 008 | 07509 | 983 | 01250 | 629 | 72684 | 615 | 60739 | 03 | 1 |
| 109 | 019 | 13094 | 939 | 10052 | 892 | 06031 | 719 | 51569 | 03 | 1 |
| 188 | 009 | 10031 | 993 | 11008 | 804 | 52564 | 788 | 50569 | 04 | 1 |
| 76 | | | | | | | | | | |
| 491 | 972 | 32171 | 884 | 25111 | 785 | 15100 | 720 | 10051 | 02 | 1 |
| 644 | 011 | 28217 | 958 | 24179 | 904 | 24184 | 768 | 12078 | 03 | 1 |
| 679 | 774 | 19091 | 675 | 08041 | 636 | 05511 | 546 | 53555 | 03 | 1 |
| 78 | | | | | | | | | | |
| 016 | 021 | 24231 | 967 | 18171 | 400 | 70990 | 270 | 90990 | 03 | 1 |
| 325 | 011 | 26231 | | | | | | | 04 | 1 |
| 395 | 011 | 22423 | 868 | 18152 | 755 | 11086 | 726 | 11075 | 03 | 1 |
| 501 | 013 | 26229 | 950 | 23201 | 750 | 12073 | 682 | 08617 | 03 | 1 |
| 525 | 017 | 25211 | | | | | | | 03 | 1 |
| 806 | 011 | 23227 | 655 | 05504 | 428 | 63632 | | | 03 | 1 |
| 972 | 010 | 24222 | | 15158 | 694 | 07032 | 552 | 53543 | 03 | 1 |
| 91 | | | | | | | | | | |
| 115 | 000 | 29250 | 948 | 23225 | 858 | 18142 | 823 | 16*** | 03 | 1 |
| 182 | 016 | 26204 | 798 | 11105 | 790 | 08058 | 780 | 14036 | 03 | 1 |
| 215 | 002 | 32231 | 936 | 25216 | 638 | 17137 | 674 | 09586 | 03 | 1 |
| 245 | 011 | 30244 | 934 | 22199 | 896 | 20162 | 606 | 04514 | 03 | 1 |
| 366 | 010 | 30252 | 949 | 24229 | 805 | 16132 | 714 | 11065 | 03 | 1 |
| 98 | | | | | | | | | | |
| 645 | 004 | 25223 | 950 | 20162 | 529 | 53546 | 458 | 57605 | 03 | 8 |
| QLL | | OCEAN | STA | | | | | | | |
| 034 | 027 | 24193 | 965 | 19166 | 898 | 16064 | 658 | 02543 | 03 | 9 |
| 035 | 024 | 25221 | 958 | 20173 | 674 | 04614 | 580 | 52719 | 03 | 9 |
| 037 | 018 | 28241 | 943 | 20188 | 677 | 06647 | 653 | 05555 | 03 | 9 |
| 041 | 027 | 18151 | 027 | 18151 | 965 | 11115 | 930 | 11115 | 02 | 8 |
| 044 | 013 | 17124 | 817 | 08013 | 784 | 08567 | 776 | 08654 | 03 | 9 |
| 053 | 011 | 11115 | 006 | 14137 | 760 | 07052 | 740 | 06025 | 03 | 9 |
| 055 | | | 977 | 02014 | 955 | 04018 | 400 | 84884 | 03 | 9 |
| 062 | 030 | 51510 | 006 | 48470 | 975 | 48400 | 937 | 55370 | 02 | 2 |
| 063 | 011 | 08089 | 965 | 09081 | 925 | 13134 | 472 | 66704 | 03 | 9 |
| 131 | 015 | 15129 | 950 | 09098 | 942 | 18567 | 914 | 21990 | 03 | 9 |
| 134 | 023 | 19167 | 879 | 08062 | 844 | 12016 | 718 | 07635 | 03 | 9 |
| 144 | 007 | 11103 | 931 | 10091 | 614 | 57595 | 595 | 59655 | 03 | 9 |
| 215 | 008 | 31240 | 909 | 17151 | 884 | 16130 | 773 | 10072 | 03 | 9 |
| 223 | 007 | 24 | 959 | 20 | 897 | 21*** | 835 | 23*** | 02 | 1 |
| 235 | 016 | 10 | 944 | 16 | 799 | 13*** | 616 | 01*** | 02 | 9 |
| 246 | 021 | 12098 | 972 | 07038 | 948 | 09034 | 846 | 14024 | 03 | 9 |
| 360 | 025 | 08057 | 930 | 01001 | 905 | 03001 | 763 | 51621 | 03 | 5 |
| 01 | | | | | | | | | | |
| 001 | 013 | 09074 | 940 | 06069 | 929 | 10105 | 813 | 07071 | 03 | 8 |
| 030 | 017 | 09066 | 918 | 01017 | 735 | 57579 | 625 | 61635 | 03 | 8 |
| 384 | 995 | 14071 | 947 | 11066 | 930 | 13058 | 780 | 04001 | 03 | 5 |
| 415 | 018 | 10092 | 978 | 08081 | 945 | 15083 | 887 | 15031 | 03 | 8 |
| 02 | | | | | | | | | | |
| 057 | 017 | 11053 | 943 | 10028 | 786 | 51551 | 728 | 58598 | 03 | 8 |
| 077 | 011 | 13101 | 977 | 11089 | 935 | 14109 | 418 | 76828 | 03 | 5 |
| 084 | 014 | 15123 | 955 | 17124 | 938 | 16092 | 920 | 16099 | 03 | 8 |
| 03 | | | | | | | | | | |
| 005 | 017 | 49480 | | | | | | | 02 | 2 |
| 026 | 029 | 57520 | | | | | | | 08 | 2 |
| 743 | 011 | 47460 | | | | | | | 02 | 2 |
| 808 | 017 | 63500 | | | | | | | 08 | 2 |
| 917 | 021 | 56540 | | | | | | | 02 | 2 |
| 953 | 028 | 59 0 | 791 | 41 0 | 621 | 18**0 | 181 | 42**0 | 03 | 2 |
| 04 | | | | | | | | | | |
| 018 | 016 | 10083 | 968 | 09084 | 920 | | 800 | 07050 | 03 | 1 |
| 202 | 000 | 04019 | 986 | 06006 | 867 | 02584 | 815 | 03516 | 03 | 1 |
| 231 | 004 | 07018 | 890 | 04035 | 808 | 51524 | 740 | 55581 | 03 | 1 |
| 270 | 010 | 07056 | 941 | 03035 | 892 | 03035 | 602 | 64665 | 04 | 1 |
| 339 | 004 | 09 | | | 882 | 16*** | 400 | 71*** | 03 | 1 |
| 360 | 000 | 07 | 992 | 07060 | 839 | 03010 | 788 | 03550 | 02 | 5 |
| 06 | | | | | | | | | | |
| 180 | 014 | 16153 | 969 | 18131 | 887 | 13081 | 785 | 03034 | 03 | 5 |
| 260 | 024 | 12124 | 960 | 08089 | 908 | 09095 | 860 | 08084 | 03 | 8 |
| 447 | 011 | 13130 | 985 | 10073 | 711 | 53629 | 675 | 54655 | 03 | 8 |
| 610 | 962 | 12102 | 940 | 12025 | 744 | 05051 | 706 | 03035 | 05 | 5 |
| 07 | | | | | | | | | | |
| 110 | 101 | 11108 | 100 | 11097 | 953 | 08063 | 925 | 10052 | 02 | 5 |
| 145 | 002 | 12078 | 965 | 07062 | 925 | 02011 | 885 | 06577 | 02 | 8 |
| 190 | 004 | 12092 | 982 | 14112 | 917 | 10071 | 865 | 07046 | 02 | 8 |
| 480 | 995 | 17150 | 955 | 16117 | 910 | 14091 | 840 | 11071 | 02 | 8 |
| 510 | 013 | 15123 | 980 | 18142 | 925 | 15132 | 900 | 13110 | 02 | 5 |
| 645 | 008 | 20165 | 980 | 21174 | 955 | 21163 | 914 | 18143 | 02 | 5 |
| 08 | | | | | | | | | | |
| 509 | 019 | 18169 | 844 | 07079 | 830 | 11011 | | 11021 | 03 | 1 |
| 521 | 015 | 23165 | 896 | 13113 | 874 | 13087 | 864 | 17001 | 14 | 8 |
| 536 | 008 | 20133 | 860 | 08053 | 846 | 14532 | 804 | 13612 | 14 | 8 |
| 10 | | | | | | | | | | |
| 034 | 016 | 56530 | | | | | | | 02 | 2 |
| 338 | 013 | 55540 | 997 | 50490 | 870 | 50420 | 661 | 22150 | 02 | 2 |
| 384 | 011 | 12111 | 863 | 07003 | 545 | 06706 | 972 | 70757 | 03 | 5 |
| 419 | 991 | 50500 | 967 | 53530 | 947 | 53530 | 868 | 48430 | 02 | 2 |
| 633 | 006 | 11106 | 944 | 08089 | 885 | 05054 | 870 | 06037 | 03 | 5 |
| 866 | 960 | 12056 | 870 | 10016 | 725 | 50557 | 710 | 00598 | 03 | 5 |
| 11 | | | | | | | | | | |
| 030 | 998 | 11102 | 645 | 15100 | 668 | 55647 | 684 | 54662 | 03 | 5 |
| 567 | 985 | 12095 | 590 | 57667 | 400 | 78853 | 355 | 86992 | 05 | 5 |
| 16 | | | | | | | | | | |
| 596 | 004 | 69640 | | | | | | | 02 | 2 |
| 17 | | | | | | | | | | |
| 130 | 919 | 14089 | 880 | 12068 | 832 | 10030 | 796 | 07005 | 02 | 8 |
| 606 | 984 | 71510 | 973 | 79580 | 764 | 57350 | 720 | 58170 | 02 | 7 |
| 40 | | | | | | | | | | |
| 427 | 995 | 92740 | 977 | 92600 | 821 | 87320 | 474 | 15060 | 14 | 2 |
| 648 | 995 | 81420 | 965 | 90470 | 945 | 92480 | 785 | 66240 | 02 | 2 |
| 42 | | | | | | | | | | |
| 182 | 973 | 27260 | 915 | 24200 | 876 | 24190 | 327 | 67*** | 15 | 8 |
| 339 | 974 | 26240 | 820 | 19190 | 745 | 17110 | 480 | 53580 | 15 | 8 |
| 475 | 998 | 29260 | 752 | 15130 | 718 | 14090 | 575 | 03030 | 15 | 8 |
| 807 | 001 | 27260 | 985 | 24240 | 530 | 02540 | 458 | 57*** | 15 | 8 |
| 867 | 967 | 27250 | 933 | 26210 | 555 | 02540 | 200 | 97*** | 14 | 8 |
| 909 | 001 | 29260 | 981 | 28230 | 885 | 21130 | 807 | 12110 | 15 | 8 |
| 43 | | | | | | | | | | |
| 063 | 943 | 25210 | 740 | 13080 | 716 | 14050 | 562 | 08520 | 14 | 8 |
| 149 | 997 | 27260 | 970 | 27250 | 532 | 00520 | 356 | 70*** | 14 | 8 |
| 279 | 003 | 29220 | 960 | 25290 | 983 | 26190 | 623 | 03030 | 14 | 8 |
| 371 | | | | | | | | | | |
| 45 | | | | | | | | | | |
| 007 | 004 | 26250 | 950 | 25230 | 900 | 23190 | 800 | 19140 | 22 | 8 |
| 47 | | | | | | | | | | |
| 401 | 008 | 15151 | 949 | 13117 | 875 | 11115 | 772 | 13016 | 03 | 1 |
| 412 | 001 | 21145 | 980 | 18116 | 952 | 17111 | 820 | 12082 | 04 | 1 |
| 580 | 005 | 05030 | 898 | 12121 | 765 | 10076 | 561 | 52546 | 03 | 1 |
| 590 | 000 | 23169 | 787 | 12565 | 600 | 01648 | 400 | 67812 | 03 | 1 |
| 600 | 005 | 21162 | 939 | 16114 | 779 | 11040 | 667 | 06526 | 03 | 1 |
| 635 | 000 | 26218 | 775 | 09998 | 743 | 09997 | 610 | 02991 | 05 | 1 |
| 744 | 004 | 30152 | 885 | 07027 | 787 | 04010 | 600 | 04607 | 03 | 1 |
| 778 | 995 | 24185 | 944 | 16112 | 824 | 11094 | 757 | 10107 | 03 | 1 |
| 808 | 004 | 22181 | 864 | 11099 | 847 | 15052 | 692 | 09635 | 03 | 1 |
| 827 | 004 | 22201 | 829 | 07040 | 807 | 12026 | 765 | 06002 | 03 | 1 |
| 60 | | | | | | | | | | |
| 120 | 016 | 17144 | 911 | 10991 | 665 | 07593 | 965 | 55659 | 03 | 6 |
| 390 | 010 | 22203 | 965 | 18189 | 898 | 24201 | 826 | 23134 | 02 | 8 |
| 61 | | | | | | | | | | |
| 642 | 009 | 27242 | 961 | 21217 | 885 | 14133 | 845 | 19131 | 07 | 5 |
| 62 | | | | | | | | | | |
| 053 | 003 | 67650 | 633 | 46790 | 405 | 01460 | 392 | 02460 | 02 | 7 |
| 366 | 002 | 20196 | 950 | 16129 | 926 | 27043 | 834 | 21**4 | 03 | 5 |
| 70 | | | | | | | | | | |
| 026 | 009 | 03006 | 996 | 01513 | 913 | 06027 | 785 | 01524 | 03 | 1 |
| 133 | 009 | 16096 | 946 | 14049 | 832 | 06027 | 788 | 04614 | 04 | 1 |
| 200 | 011 | 08076 | 456 | 70739 | 400 | 78824 | 330 | 88927 | 03 | 1 |
| 204 | 007 | 06043 | 817 | 52582 | 773 | 50651 | 723 | 52780 | 03 | 1 |
| 219 | 011 | 15102 | 956 | 09066 | 927 | 10072 | 792 | 03502 | 03 | 1 |
| 231 | 000 | 24092 | 637 | 54711 | 603 | 57623 | 587 | 57745 | 03 | 1 |
| 261 | 996 | 27108 | 743 | 03539 | 710 | 02664 | 615 | 94708 | 03 | 1 |
| 273 | 017 | 18103 | 872 | 06045 | 770 | 04532 | 737 | 04613 | 03 | 1 |
| 291 | 954 | 25052 | 830 | 12084 | 800 | 09517 | 780 | 02577 | 03 | 1 |
| 316 | | | | | | | | | | |
| 350 | | | | | | | | | | |
| 361 | 026 | 11084 | 855 | 01001 | 608 | 66671 | 596 | 56756 | 03 | 1 |
| 381 | 026 | 13104 | 823 | 00008 | 754 | 02584 | 662 | 51695 | 03 | 1 |
| 398 | 023 | 14053 | 902 | 04014 | 864 | 07021 | 749 | 00537 | 03 | 1 |
| 409 | | | | | | | | | | |
| 439 | | | | | | | | | | |
| 454 | 014 | 10051 | 825 | 00513 | 790 | 92543 | 770 | 51552 | 03 | 1 |

# RADIOSONDE AND RAWINSONDE DATA
## SIGNIFICANT LEVELS

| Index No. iii | 1st. 5th. etc. Level PPP | TTTTT ddx | 2nd. 6th. etc. Level PPP | TTTTT ddx | 3rd. 7th. etc. Level PPP | TTTTT ddx | 4th. 8th. etc. Level PPP | TTTTT ddx | Hour GG | Code Type |
|---|---|---|---|---|---|---|---|---|---|---|
| 747 | | | | | | | | | | |
| 764 | | | | | | | | | | |
| 768 | | | | | | | | | | |
| 775 | | | | | | | | | | |
| 785 | | | | | | | | | | |
| 798 | | | | | | | | | | |
| 815 | | | | | | | | | | |
| 816 | | | | | | | | | | |
| 826 | | | | | | | | | | |
| 867 | 646 | 03543 | 400 | 72801 | 210 | 00990 | 193 | 98990 | 03 | 1 |
| 879 | | | | | | | | | | |
| 896 | | | | | | | | | | |
| 906 | 730 | 56683 | 676 | | | | 518 | 66995 | 03 | 1 |
| 907 | 802 | 03646 | 744 | | | | | | 03 | 1 |
| 909 | 802 | 01631 | 606 | 60726 | 467 | 73845 | | | 09 | 1 |
| 913 | 813 | 10538 | 755 | 05543 | 672 | 01653 | 635 | 50673 | 03 | 1 |
| 915 | 750 | 01595 | 725 | 00658 | 637 | 56990 | 480 | 69812 | 03 | 1 |
| 917 | 840 | 04015 | 400 | 88871 | 358 | 90933 | 260 | 03990 | 03 | 1 |
| 918 | 400 | 89992 | 252 | 05994 | 166 | 95998 | 073 | 93990 | 03 | 1 |
| 924 | | | | | | | | | | |
| 926 | 739 | 07033 | 666 | 02544 | 101 | 58*** | | | 03 | 1 |
| 934 | 769 | 05504 | 101 | 58 | | | | | 03 | 1 |
| 938 | | | | | | | | | | |
| 945 | 400 | 81914 | 278 | 98998 | 184 | 93990 | 084 | 94993 | 03 | 1 |
| 964 | 400 | 80992 | 356 | 84991 | 268 | 00990 | 228 | 05995 | 04 | 1 |
| 968 | 711 | 59621 | | | 626 | 64579 | 600 | 62697 | 03 | 1 |
| 74 | | | | | | | | | | |
| 043 | 331 | 94998 | 043 | 89993 | | | | | 03 | 1 |
| 072 | | | 366 | 87997 | 070 | 89993 | | | 03 | 1 |
| 074 | 713 | 55576 | 671 | 56676 | 643 | 59681 | 528 | 68833 | 03 | 1 |
| 090 | 460 | 75853 | 400 | 89995 | 274 | 01995 | 170 | 92999 | 03 | 1 |
| 109 | 575 | 58687 | 483 | 67794 | 417 | 75847 | 400 | 75847 | 03 | 1 |
| 188 | 666 | 57736 | 101 | 58 | | | | | 04 | 1 |
| 76 | | | | | | | | | | |
| 491 | 670 | 08612 | 634 | 04001 | 613 | 02654 | 595 | 13696 | 02 | 1 |
| 644 | 755 | 13521 | 570 | 50561 | 533 | 54609 | 470 | 59666 | 03 | 1 |
| 679 | 529 | 55584 | 504 | 55656 | 475 | 58726 | 453 | 59705 | 03 | 1 |
| 78 | | | | | | | | | | |
| 016 | 164 | 17990 | | | | | | | 03 | 1 |
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| 501 | 435 | 63706 | 400 | 68793 | 371 | 70844 | 270 | 89943 | 03 | 1 |
| 525 | | | | | | | | | | |
| 806 | | | | | | | | | | |
| 972 | 400 | 68712 | 263 | 90965 | 101 | 58*** | | | 03 | 1 |
| 91 | | | | | | | | | | |
| 115 | 750 | 12081 | 717 | 10091 | | 08033 | 440 | 04531 | 03 | 1 |
| 182 | 765 | 14556 | 653 | 02598 | 630 | 02663 | 616 | 01998 | 03 | 1 |
| 215 | 613 | 04573 | 448 | 60749 | 400 | 64996 | 258 | 90990 | 03 | 1 |
| 245 | 594 | 03565 | 560 | 00545 | 550 | 50613 | 528 | 53681 | 03 | 1 |
| 366 | 685 | 11043 | 608 | 05001 | 551 | 01576 | 410 | 63737 | 03 | 1 |
| 98 | | | | | | | | | | |
| 645 | 249 | 87936 | 144 | 16998 | 061 | 05995 | | | 03 | 8 |
| QLL | | OCEAN | STA | | | | | | | |
| 034 | 566 | 55612 | 485 | 65765 | 287 | 88997 | 174 | 11995 | 03 | 9 |
| 035 | 571 | 52687 | 450 | 64805 | 400 | 70775 | 392 | 70834 | 03 | 9 |
| 037 | 563 | 50685 | 537 | 53645 | 497 | 55724 | 400 | 68992 | 03 | 9 |
| 041 | 900 | 08080 | 870 | 08085 | 840 | 06061 | 760 | 01015 | 02 | 8 |
| 044 | 674 | 02688 | 646 | 01594 | 525 | 60648 | 514 | 59622 | 03 | 9 |
| 053 | 715 | 05672 | 408 | 71862 | 296 | 89989 | 256 | 97999 | 03 | 9 |
| 055 | 341 | 91951 | 279 | 95995 | 227 | 90997 | 132 | **997 | 03 | 9 |
| 062 | 862 | 48400 | 835 | 48330 | 267 | 47**0 | 193 | 23**0 | 02 | 2 |
| 063 | 450 | 68773 | 296 | 89007 | 188 | 13994 | 163 | 02994 | 03 | 9 |
| 131 | 400 | 69998 | 184 | 08997 | 160 | 10998 | | | 03 | 9 |
| 134 | 589 | 01681 | 445 | 65801 | 400 | 71993 | 174 | 11993 | 03 | 9 |
| 144 | 479 | 71852 | 400 | 80996 | 338 | 90990 | 248 | 98994 | 03 | 9 |
| 215 | 676 | 05577 | 661 | 04 5 | 588 | 51645 | 545 | 54683 | 03 | 9 |
| 223 | 732 | 20 | 660 | 16 | 561 | 09*** | 412 | 55*** | 02 | 1 |
| 235 | 389 | 63 | 225 | 95 | | | | | 02 | 9 |
| 246 | 812 | 15996 | 536 | 50992 | 400 | 68995 | 160 | 11994 | 03 | 9 |
| 360 | 719 | 51637 | 648 | 56641 | 511 | 64733 | 400 | 79897 | 03 | 5 |
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| 001 | 756 | 06042 | 731 | 03007 | 723 | 05004 | 400 | 80990 | 03 | 8 |
| 030 | 572 | 68692 | 562 | 64687 | 400 | 81908 | 327 | 91**9 | 03 | 8 |
| 384 | 679 | 53578 | 668 | 53579 | 576 | 60656 | 540 | 61668 | 03 | 5 |
| 415 | 570 | 57707 | 550 | 58703 | 400 | 76861 | 255 | 00097 | 03 | 8 |
| 02 | | | | | | | | | | |
| 057 | 687 | 55624 | 657 | 55622 | 624 | 58669 | 618 | 58669 | 03 | 8 |
| 077 | 278 | 02998 | 186 | 92992 | 079 | 96994 | | | 03 | 5 |
| 084 | 627 | 58581 | 611 | 58594 | 580 | 61628 | 561 | 62632 | 03 | 8 |
| 03 | | | | | | | | | | |
| 005 | | | | | | | | | | |
| 026 | | | | | | | | | | |
| 743 | | | | | | | | | | |
| 808 | | | | | | | | | | |
| 917 | | | | | | | | | | |
| 953 | 091 | 38 0 | | | | | | | 03 | 2 |
| 04 | | | | | | | | | | |
| 018 | 400 | 73891 | 280 | 90982 | 190 | 00998 | | | 03 | 1 |
| 202 | 598 | 60724 | 526 | 65793 | 400 | 81990 | 340 | 89993 | 03 | 1 |
| 231 | 694 | 56738 | 600 | 62784 | 530 | 67995 | 400 | 82998 | 03 | 1 |
| 270 | 452 | 80821 | 403 | 84862 | 101 | 58*** | | | 04 | 1 |
| 339 | 346 | 78 | 101 | 42 | | | | | 03 | 1 |
| 360 | 644 | 59650 | 617 | 58680 | 455 | 75860 | 434 | 76880 | 02 | 5 |
| 06 | | | | | | | | | | |
| 180 | 620 | 58607 | 608 | 58628 | 529 | 65712 | 248 | 08997 | 03 | 5 |
| 260 | 674 | 51569 | 647 | 52583 | 610 | 55654 | 535 | 60725 | 03 | 8 |
| 447 | 258 | 01 2 | 245 | 00 7 | 217 | 01**5 | 184 | 98**7 | 03 | 8 |
| 610 | 582 | 55578 | 408 | 71783 | 248 | 96**1 | 232 | 00**7 | 05 | 5 |
| 07 | | | | | | | | | | |
| 110 | 905 | 09049 | 875 | 07025 | 821 | 03505 | 761 | 50556 | 02 | 5 |
| 145 | 860 | 05587 | 812 | 00585 | 775 | 52677 | 751 | 50725 | 02 | 8 |
| 190 | 855 | 06032 | 843 | 06035 | 757 | 04522 | 670 | 00591 | 02 | 8 |
| 480 | 775 | 05034 | 685 | 01010 | 605 | 56565 | 500 | 65666 | 02 | 8 |
| 510 | 860 | 11103 | 800 | 07062 | 720 | 03022 | 655 | 50513 | 02 | 5 |
| 645 | 890 | 17142 | 875 | 15134 | 845 | 12114 | 810 | 11096 | 02 | 5 |
| 08 | | | | | | | | | | |
| 509 | 584 | 54664 | 400 | 72798 | 350 | 77859 | 283 | 90903 | 03 | 1 |
| 521 | 786 | 13557 | 736 | 10518 | 658 | 0255* | 616 | 50679 | 14 | 8 |
| 536 | 566 | 52995 | 400 | 73992 | 286 | 87992 | 254 | 95992 | 14 | 8 |
| 10 | | | | | | | | | | |
| 034 | | | | | | | | | | |
| 338 | | 22130 | 274 | 37 0 | 259 | 35**0 | 220 | 47**0 | 02 | 2 |
| 384 | 447 | 71778 | 400 | 77836 | 312 | 90963 | 267 | 97997 | 03 | 5 |
| 419 | 609 | 83080 | 287 | 52460 | 240 | 36**0 | 205 | 46**0 | 02 | 2 |
| 633 | 827 | 05532 | 795 | 03508 | 766 | 02566 | 576 | 57726 | 03 | 5 |
| 866 | 585 | 56747 | 577 | 56731 | 400 | 78896 | 318 | 90982 | 03 | 5 |
| 11 | | | | | | | | | | |
| 030 | 573 | 59781 | 554 | 59758 | 498 | 67725 | 473 | 67824 | 03 | 5 |
| 567 | 250 | 92993 | 230 | 90997 | | | | | 05 | 5 |
| 16 | | | | | | | | | | |
| 596 | | | | | | | | | | |
| 17 | | | | | | | | | | |
| 130 | 776 | 07527 | 740 | 06166 | 671 | 02676 | 658 | 04994 | 02 | 8 |
| 606 | 681 | 52020 | 663 | 52980 | 568 | 36790 | 484 | 27700 | 02 | 7 |
| 40 | | | | | | | | | | |
| 427 | 425 | 06970 | 353 | 97420 | 345 | 06620 | 215 | 58**0 | 14 | 2 |
| 648 | 760 | 70200 | 624 | 45870 | 558 | 0*876 | 545 | 41770 | 02 | 2 |
| 42 | | | | | | | | | | |
| 182 | 808 | 67 | 073 | 11 | | | | | 15 | 8 |
| 339 | 280 | 78 | 205 | 03 | | | | | 15 | 8 |
| 475 | 565 | 02020 | 430 | 57590 | 135 | 11*** | | | 15 | 8 |
| 807 | | | | | | | | | | |
| 867 | | | | | | | | | | |
| 909 | 770 | 12500 | 660 | 07530 | 639 | 07550 | 563 | 00620 | 15 | 8 |
| 43 | | | | | | | | | | |
| 063 | 435 | 60 | 365 | 68 | | | | | 14 | 8 |
| 149 | | | | | | | | | | |
| 279 | | | | | | | | | | |
| 371 | | | | | | | | | | |
| 45 | | | | | | | | | | |
| 007 | 750 | 21150 | 680 | 10090 | 600 | 06050 | 550 | 08010 | 22 | 8 |
| 47 | | | | | | | | | | |
| 401 | 596 | 03638 | 427 | 61774 | 259 | 87011 | 167 | 98990 | 03 | 1 |
| 412 | 797 | 11087 | 665 | 05034 | 627 | 04027 | 453 | 59633 | 04 | 1 |
| 580 | 537 | 53598 | 468 | 60653 | 435 | 63786 | 400 | 66998 | 03 | 1 |
| 590 | 360 | 77877 | 273 | 84994 | 184 | 98999 | 144 | 03995 | 03 | 1 |
| 600 | 563 | 50648 | 467 | 58718 | 411 | 66787 | 339 | 75871 | 03 | 1 |
| 635 | 400 | 69992 | 311 | 81998 | 270 | 90990 | 235 | 98995 | 05 | 1 |
| 744 | 400 | 63766 | 270 | 77998 | 240 | 88999 | 065 | 95920 | 03 | 1 |
| 778 | 585 | 03557 | 372 | 63743 | 748 | 02993 | 1*5 | 06993 | 03 | 1 |
| 808 | 600 | 02999 | 543 | 52714 | 400 | 65744 | 380 | 68823 | 03 | 1 |
| 827 | 745 | 08024 | 607 | 01873 | 400 | 64753 | 137 | 06992 | 03 | 1 |
| 60 | | | | | | | | | | |
| 120 | | | | | | | | | | |
| 390 | 650 | 07540 | 605 | 02595 | 480 | 66749 | 382 | 77867 | 02 | 8 |
| 61 | | | | | | | | | | |
| 642 | 691 | 06037 | 589 | 51513 | 537 | 55582 | 512 | 54994 | 07 | 5 |
| 62 | | | | | | | | | | |
| 053 | 058 | 24 0 | | | | | | | 02 | 7 |
| 366 | 810 | 21 7 | 746 | 14 4 | 524 | 05**7 | 484 | 01**0 | 03 | 5 |
| 70 | | | | | | | | | | |
| 026 | 764 | 02527 | 738 | 01944 | 720 | 00635 | 657 | 93703 | 03 | 1 |
| 133 | 760 | 02552 | 654 | 56646 | 614 | 58645 | 592 | 59748 | 04 | 1 |
| 200 | 239 | | 145 | 98998 | | | | | 03 | 1 |
| 204 | 535 | 65827 | 400 | 80926 | | | | | 03 | 1 |
| 219 | 680 | 53602 | 669 | 53702 | 640 | 54731 | 605 | 58741 | 03 | 1 |
| 231 | 568 | 59713 | 552 | 59756 | 400 | 77992 | | | 03 | 1 |
| | | | | | | | 331 | 87991 | 03 | 1 |
| 261 | 557 | 60651 | 400 | 77869 | 318 | 90951 | 205 | 11990 | 03 | 1 |
| 273 | 657 | 51611 | 650 | 54727 | 535 | 60717 | 400 | 76883 | 03 | 1 |
| 291 | 683 | 50682 | 611 | 56731 | 574 | 60714 | 400 | 78901 | 03 | 1 |
| 316 | | | | | | | | | | |
| 350 | | | | | | | | | | |
| 361 | 400 | 77995 | 324 | 88997 | 231 | 06993 | 080 | 97991 | 03 | 1 |
| 381 | 607 | 54667 | 560 | 59672 | 400 | 77899 | 324 | 88995 | 03 | 1 |
| 398 | 722 | 00573 | 692 | 51572 | 668 | 51990 | 600 | 55738 | 03 | 1 |
| 409 | | | | | | | | | | |
| 439 | | | | | | | | | | |
| 454 | 734 | 53592 | 709 | 51634 | 480 | 59730 | 400 | 76999 | 03 | 1 |

JULY 8

PRINTING OFFICE 1949 826480

## RADIOSONDE AND RAWINSONDE DATA

| Index No. | Station Name | 1000 mb. | | | | 850 mb. | | | | 700 mb. | | | | 500 mb. | | | | Hour | Code Type |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| iii | | hhh | TTTTT ddx | dd | ff | hhh | TTTTT ddx | dd | ff | hhh | TTTTT ddx | dd | ff | hhh | TTTTT ddx | dd | ff | GG | |
| 485 | FORT GLENN | 032 | 10057 | 04 | 8 | 468 | 02507 | 23 | 14 | 979 | 53655 | 22 | 31 | 830 | 67990 | 22 | 63 | 03 | 1 |
| | BLOCK 72 | | | | | | | | | | | | | | | | | | |
| 202 | MIAMI | 054 | 26216 | 32 | 3 | 519 | 18143 | 22 | 9 | 057 | 09031 | 22 | 10 | 946 | 56715 | 18 | 10 | 03 | 1 |
| 208 | CHARLESTON | 048 | 26245 | 18 | 9 | 514 | 19082 | 09 | 3 | 052 | 08588 | 30 | 11 | 943 | 55993 | 10 | 11 | 03 | 1 |
| 211 | TAMPA | 052 | 25238 | 20 | 6 | 517 | 18131 | 21 | 13 | 054 | 08017 | 21 | 7 | 940 | 56609 | | | 03 | 1 |
| 219 | ATLANTA | 045 | | | | 514 | 19142 | 18 | 7 | 052 | 08063 | | | 944 | 56743 | | | 03 | 1 |
| 231 | NEW ORLEANS | 036 | 27246 | 17 | 4 | 504 | 20139 | 08 | 17 | 045 | 12513 | 08 | 10 | 939 | 56683 | 11 | 10 | 03 | 1 |
| 240 | LAKE CHARLES | 034 | 26224 | | | 501 | 19115 | | | 041 | 11010 | | | 509 | 33556 | 89 | | 03 | 1 |
| 250 | BROWNSVILLE | 036 | 27227 | 12 | 8 | 502 | 20023 | 12 | 10 | 043 | 10534 | 07 | 7 | 937 | 54679 | 06 | 15 | 03 | 1 |
| 253 | SAN ANTONIO | 030 | | | | 502 | 21123 | 18 | 8 | 044 | 11007 | 13 | 10 | 937 | 53992 | 05 | 8 | 03 | 1 |
| 259 | FT WORTH | 031 | | | | 502 | 23090 | | | 045 | ***** | 33 | 5 | 934 | 56695 | 03 | 6 | 03 | 1 |
| 265 | BIG SPRING | 025 | | | | 502 | 24133 | 24 | 18 | 049 | 11066 | 23 | 26 | 943 | 56582 | 18 | 14 | 03 | 1 |
| 270 | EL PASO | 006 | | | | 491 | 30115 | 07 | 6 | 046 | 14047 | 14 | 6 | 945 | 56596 | | | 03 | 1 |
| 278 | PHOENIX | 020 | | | | 501 | 26027 | 03 | 1 | 050 | 11518 | 06 | 10 | 943 | 56997 | 22 | 13 | 03 | 1 |
| 304 | HATTERAS | 047 | 26231 | 24 | 4 | 512 | 17157 | 33 | 4 | 050 | 08052 | 35 | 8 | 943 | 55667 | 24 | 18 | 03 | 1 |
| 317 | GREENSBORO | 048 | | | | 513 | 20141 | 10 | 8 | 054 | 09061 | 07 | 8 | 947 | 55581 | 28 | 13 | 03 | 1 |
| 327 | NASHVILLE | 040 | | | | 507 | 20123 | 22 | 12 | 048 | 10032 | 20 | 13 | 941 | ***** | | | 03 | 1 |
| 340 | LITTLE ROCK | 034 | 23229 | 11 | 3 | 504 | 21154 | 24 | 11 | 047 | 11046 | 27 | 8 | 941 | 54601 | 35 | 2 | 03 | 1 |
| 353 | OKLAHOMA CTY | 021 | | | | 496 | 23158 | 21 | 15 | 042 | 12024 | 05 | 9 | 936 | 55656 | 33 | 4 | 03 | 1 |
| 365 | ALBUQUERQUE | 007 | | | | 490 | | | | 045 | 15034 | 33 | 16 | 942 | 55644 | 25 | 6 | 03 | 1 |
| 386 | LAS VEGAS | 014 | | | | 495 | 26994 | 19 | 14 | 039 | 10572 | 20 | 4 | 920 | 60990 | 22 | 12 | 03 | 1 |
| 394 | SANTA MARIA | 043 | 11107 | 32 | 6 | 499 | 19520 | 14 | 3 | 037 | 10652 | 13 | 4 | 923 | 59993 | 24 | 2 | 04 | 1 |
| 405 | WASHINGTON | 056 | 19187 | 07 | 12 | 514 | 15144 | 04 | 4 | 048 | 08052 | | | 936 | 56625 | | | 03 | 1 |
| 445 | COLUMBIA | 032 | | | | 499 | 19166 | 08 | 10 | 041 | 10069 | 06 | 11 | 937 | 54574 | 05 | 12 | 03 | 1 |
| 451 | DODGE CITY | 020 | | | | 497 | 26175 | 13 | 13 | 047 | 12104 | 25 | 5 | 944 | 55592 | | | 03 | 1 |
| 476 | GRAND JUNC | 021 | | | | 497 | 25105 | 00 | | 045. | 11047 | 36 | 4 | 931 | 60643 | 28 | 9 | 03 | 1 |
| 486 | ELY | 019 | | | | 493 | | | | 041 | 13609 | 22 | 8 | 930 | 60746 | 21 | 8 | 03 | 1 |
| 493 | OAKLAND | 038 | 17093 | 30 | 9 | 498 | 18562 | 16 | 12 | 034 | 09991 | 14 | 12 | 918 | 59998 | 36 | 5 | 03 | 1 |
| 506 | NANTUCKET | 060 | 17102 | 08 | 6 | 509 | 09036 | 01 | 24 | 030 | 03668 | 31 | 23 | 906 | 58998 | 31 | 50 | 03 | 1 |
| 518 | ALBANY | 059 | 18864 | 03 | 13 | 512 | 11028 | 05 | 3 | 034 | 02994 | 35 | 10 | 910 | 59995 | | | 03 | 1 |
| 520 | PITTSBURGH | 101 | 42 | | | | | | | *** | ***** | | | *** | ***** | | | 03 | 1 |
| 528 | BUFFALO | 060 | | | | 514 | 13583 | 12 | 10 | 044 | 07999 | 36 | 13 | 927 | 58628 | | | 03 | 1 |
| 534 | CHICAGO | 040 | | | | 505 | 17153 | | | 042 | 08077 | | | 930 | 56613 | | | 03 | 1 |
| 536 | TOLEDO | 047 | | | | 510 | 17126 | 11 | 12 | 049 | 09045 | 29 | 8 | 942 | 55639 | | | 03 | 1 |
| 553 | OMAHA | 033 | | | | 502 | 19159 | 11 | 10 | 044 | 11042 | 09 | 10 | 940 | 55601 | 11 | 10 | 03 | 1 |
| 562 | N PLATTE | 021 | | | | 497 | 24177 | 15 | 15 | 044 | 11054 | 30 | 13 | 937 | 55623 | | | 03 | 1 |
| 576 | LANDER | 010 | | | | 491 | | | | 043 | 14511 | 34 | 10 | 935 | 60645 | 31 | 10 | 03 | 1 |
| 597 | MEDFORD | 101 | 42 | | | | | | | *** | ***** | | | *** | ***** | | | 03 | 1 |
| 600 | SABLE ISLAND | 048 | 13092 | | | 492 | 06029 | | | 006 | 53569 | | | 863 | 65748 | | | 03 | 1 |
| 606 | PORTLAND | 059 | 16107 | 03 | 4 | 505 | 06512 | 01 | 16 | 017 | 50663 | 35 | 23 | 873 | 67992 | 33 | 50 | 03 | 1 |
| 655 | ST CLOUD | 042 | | | | 508 | 19157 | 13 | 10 | 050 | 09044 | 08 | 4 | 944 | 55602 | 20 | 12 | 03 | 1 |
| 662 | RAPID CITY | 025 | | | | 500 | 25092 | 09 | 7 | 047 | 12021 | 24 | 7 | 940 | 55607 | 25 | 16 | 03 | 1 |
| 681 | BOISE | 034 | | | | 503 | 22545 | 34 | 13 | 042 | 08649 | 29 | 14 | 919 | 62791 | 26 | 19 | 03 | 1 |
| 712 | CARIBOU | 059. | | | | 504 | 05504 | 01 | 16 | 015 | 52690 | 35 | 21 | 866 | 68831 | 34 | 30 | 03 | 1 |
| 734 | SAULT MARIE | 063 | | | | 517 | 13994 | 15 | 8 | 047 | 06552 | 28 | 2 | 933 | 56991 | 31 | 13 | 03 | 1 |
| 747 | INTL FALLS | 047 | | | | 506 | 19141 | 14 | 2 | 046 | 10532 | 03 | 6 | 932 | 58721 | | | 04 | 1 |
| 764 | BISMARCK | 034 | | | | 501 | 19089 | 13 | 24 | 042 | 09007 | 30 | 7 | 926 | 57595 | 25 | 34 | 03 | 1 |
| 768 | GLASGOW | 030 | | | | 494 | 19071 | 30 | 20 | 030 | 06004 | | | 904 | 62731 | | | 03 | 1 |
| 775 | GREAT FALLS | 038 | | | | 503 | 17017 | 24 | 1 | 032 | 03611 | 28 | 22 | 902 | 61996 | 27 | 39 | 03 | 1 |
| 785 | SPOKANE | 047 | | | | 512 | 15527 | 27 | 9 | 038 | 02602 | 28 | 11 | 908 | 61994 | 26 | 22 | 03 | 1 |
| 798 | TATOOSH IS | 070 | 11083 | 27 | 7 | 515 | 09022 | 08 | 8 | 037 | 03623 | 29 | 5 | 909 | 62751 | 25 | 14 | 03 | 1 |
| 807 | ARGENTIA | 043 | 10087 | | | 489 | 04004 | | | 993 | 55613 | | | 841 | 69780 | | | 02 | 1 |
| 815 | STEPHENVILLE | 042 | 10047 | 33 | 8 | 482 | 04553 | 30 | 6 | 990 | 54621 | 34 | 23 | 840 | 68994 | 29 | 27 | 03 | 1 |
| 816 | GOOSE | 045 | 07041 | 01 | 4 | 447 | 00521 | 35 | 20 | 981 | 57571 | 34 | 36 | 814 | 74746 | 01 | 21 | 03 | 1 |
| 826 | NITCHEQUON | 050 | | | | 492 | 06521 | | | 009 | 51626 | | | 864 | 67823 | | | 03 | 1 |
| 867 | THE PAS | 030 | | | | 456 | 12071 | | | 982 | 04551 | | | 856 | 58698 | | | 03 | 1 |
| 879 | EDMONTON | 047 | | | | 493 | 05018 | 31 | 19 | 006 | 53561 | 28 | 26 | 854 | 70723 | 25 | 18 | 03 | 1 |
| 896 | PRINCE GEORG | 055 | | | | 507 | 10042 | 32 | 5 | 024 | 53551 | 27 | 20 | 872 | 69990 | 31 | 36 | 03 | 1 |
| 906 | FT CHIMO | 049 | 10990 | 31 | 4 | 490 | 04991 | 02 | 22 | 998 | 54991 | | | 813 | 65994 | | | 03 | 1 |
| 907 | PORT HARRISN | 065 | 08503 | | | 504 | 06632 | | | 019 | 01990 | | | 881 | 64997 | | | 04 | 1 |
| 909 | UP FROBISHER | 048 | 11089 | 30 | 6 | 490 | 05036 | 32 | 30 | 005 | 51524 | 34 | 20 | 862 | 66674 | | | 03 | 1 |
| 913 | CHURCHILL | 018 | 17174 | 26 | 5 | 463 | 08085 | 25 | 12 | 987 | 00004 | 23 | 23 | 852 | 64681 | 22 | 21 | 03 | 1 |
| 915 | CORAL HARBOR | 038 | 04017 | | | 476 | 08009 | | | 995 | 50587 | | | 856 | 63665 | | | 03 | 1 |
| 917 | EUREKA | 515 | | | | 428 | 05527 | 16 | 15 | 939 | 53688 | 14 | 23 | 790 | 69753 | 17 | 29 | 03 | 1 |
| 918 | ARCTIC BAY | 001 | | | | | 50567 | | | 939 | 53583 | | | 784 | 69996 | | | 03 | 1 |
| 924 | RESOLUTE | 525 | | | | 402 | 50519 | 24 | 24 | 907 | 55561 | 25 | 31 | 749 | 70749 | 21 | 21 | 03 | 1 |
| 926 | BAKER LAKE | 021 | 05991 | | | 450 | 02991 | | | 964 | 52990 | | | 820 | 65994 | | | 03 | 1 |
| 934 | FT SMITH | 049 | | | | 493 | 03526 | | | 001 | 56681 | | | 840 | 72825 | | | 03 | 1 |
| 938 | COPPERMINE | 101 | 59 | | | | | | | *** | ***** | | | *** | ***** | | | 03 | 1 |
| 945 | FORT NELSON | 053 | | | | 500 | 08028 | | | 017 | 52562 | | | 868 | 65713 | | | 03 | 1 |
| 964 | WHITEHORSE | 041 | | | | 500 | 13014 | 27 | 12 | 024 | 50536 | 31 | 10 | 878 | 67823 | 23 | 38 | 03 | 1 |
| 968 | AKLAVIK | 038 | 13011 | | | 479 | 05557 | | | 990 | 52608 | | | 840 | 66758 | | | 02 | 1 |
| | BLOCK 74 | | | | | | | | | | | | | | | | | | |
| 043 | NORMAN WELLS | 044 | 16058 | | | 489 | 06002 | | | 999 | 56598 | | | 836 | 70747 | | | 03 | 1 |
| 072 | MOULD BAY | 512 | | | | 412 | 54572 | | | 909 | 50967 | | | *** | 27174 | | | 03 | 1 |
| 074 | ISACHSEN | 528 | | | | 395 | 03024 | | | 905 | 54559 | | | 781 | 69744 | | | 03 | 1 |
| 090 | CLYDE RIVER | 008 | 13056 | 15 | 10 | 454 | 07011 | 22 | 6 | 973 | 51573 | 31 | 26 | 828 | 67990 | 31 | 31 | 03 | 1 |
| 109 | PORT HARDY | 069 | 14094 | | | 515 | 09022 | | | 035 | 01622 | | | *** | ***** | | | 03 | 1 |
| 188 | MINGAN L PT | 048 | 12061 | 33 | 13 | 493 | 00512 | 01 | 31 | 002 | 56617 | 01 | 46 | 838 | 72997 | | | 04 | 1 |
| | BLOCK 76 ● | | | | | | | | | | | | | | | | | | |
| 491 | C VICTORIA | 020 | | | | 494 | 22123 | | | 034 | 11996 | | | 927 | 55995 | | | 02 | 1 |
| 644 | MERIDA | 041 | 26211 | | | 505 | 17134 | | | 042 | 08043 | | | 930 | 57632 | | | 03 | 1 |
| 679 | TACUBAYA | 016 | | | | 488 | | | | 036 | 11064 | | | 927 | 58604 | | | 03 | 1 |
| | BLOCK 78 | | | | | | | | | | | | | | | | | | |
| 016 | KINDLEY FLD | 058 | 24230 | 24 | 12 | 519 | 15110 | 24 | 17 | 048 | 04527 | 24 | 13 | 917 | 99999 | 35 | 3 | 09 | 1 |
| 355 | CAMAGUEY | 049 | 24231 | | | 514 | 19056 | | | 052 | 08022 | | | 939 | 57684 | | | 03 | 1 |
| 367 | GUANTANAMO | 049 | 26204 | | | 506 | 13024 | | | 034 | 07990 | | | 913 | 59733 | | | 03 | 1 |
| 395 | VERNAM FIELD | 042 | 25237 | 10 | 9 | 506 | 17152 | 07 | 18 | 044 | 08026 | 05 | 28 | 929 | 55995 | 10 | 17 | 03 | 1 |
| 501 | SWAN ISLAND | 044 | 25239 | | | 508 | 17149 | | | 045 | 08019 | | | 932 | 56588 | | | 03 | 1 |
| 525 | SAN JUAN | 051 | 25214 | 09 | 19 | 512 | 17022 | 10 | 24 | 046 | 06595 | .09 | 17 | 930 | 58753 | 06 | 10 | 03 | 1 |
| 806 | ALBROOK FLD | 031 | 25227 | 32 | 6 | 494 | 18132 | 04 | 11 | 033 | 07028 | 08 | 27 | 919 | 55682 | 01 | 29 | 03 | 1 |
| 862 | COOLIDGE FLD | 052 | 26221 | 07 | 17 | 525 | 17140 | 08 | 18 | 052 | 08587 | 03 | 4 | 942 | 55691 | 06 | 7 | 03 | 1 |
| 967 | CHAGUARAMAS | 040 | 26212 | | | 505 | 17159 | | | 041 | 09003 | | | 934 | 54994 | | | 03 | 1 |
| 972 | WALLER FIELD | 039 | 25226 | 05 | 16 | 504 | 17147 | 07 | 26 | 042 | 09013 | 09 | 23 | 942 | 56990 | 08 | 21 | 03 | 1 |
| | BLOCK 91 | | | | | | | | | | | | | | | | | | |
| 182 | HONOLULU | 044 | 24174 | 05 | 16 | 502 | 16111 | 07 | 16 | 040 | 08548 | 14 | 13 | 934 | 54990 | 11 | 3 | 03 | 1 |
| 245 | WAKE ISLAND | 037 | 27219 | 08 | 12 | 502 | 17081 | 08 | 12 | 038 | 09027 | | | 931 | 55711 | | | 03 | 1 |
| 366 | KWAJALEIN | 028 | 30259 | 09 | 2 | 492 | 18148 | 07 | 3 | 032 | 10680 | 11 | 3 | 926 | 54686 | 07 | 5 | 03 | 1 |
| | BLOCK 98 | | | | | | | | | | | | | | | | | | |
| 645 | CEBU | 026 | 28234 | | | 492 | 17140 | | | 028 | 09066 | | | 923 | 54597 | | | 03 | 8 |
| QLL | OCEAN STA | | | | | | | | | | | | | | | | | | |
| 034 | 0 355 400 | 085 | 22182 | 11 | 5 | 541 | 13072 | 08 | 3 | 070 | 05562 | 20 | 11 | 948 | 60751 | 17 | 9 | 03 | 9 |
| 035 | 0 340 520 | 073 | 23193 | 22 | 15 | 538 | 14101 | 23 | 19 | 063 | 06583 | 23 | 21 | 940 | 61729 | 20 | 10 | 03 | 9 |
| 037 | 0 360 700 | 049 | 25231 | 10 | 16 | 512 | 17142 | 24 | 27 | 049 | 08014 | 27 | 19 | 937 | 57611 | 26 | 24 | 03 | 9 |
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| 051 | 0 538 187 | 091 | 52520 | 20 | 12 | 536 | 48390 | 28 | 6 | 056 | 35210 | 26 | 4 | 922 | 08750 | 31 | 3 | 09 | 2 |
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| 055 | 0 565 510 | 025 | 06033 | 32 | 9 | 459 | 50534 | 25 | 11 | 962 | 56617 | 17 | 8 | 800 | 72775 | 20 | 10 | 03 | 9 |
| 062 | 0 600 203 | 075 | 52490 | 18 | 27 | 582 | 54340 | 20 | 33 | 049 | 38140 | 20 | 33 | 921 | 13670 | 19 | 27 | 03 | 2 |
| 063 | 0 611 329 | 037 | 08072 | 22 | 19 | 477 | 07002 | 21 | 23 | 992 | 52648 | 17 | 25 | 844 | 67999 | 19 | 39 | 03 | 9 |
| 121 | 1 290 168 | 039 | 05139 | | | 495 | 19995 | | | 035 | 12992 | | | 933 | 53991 | | | 03 | 9 |
| 134 | 1 300 400 | 064 | 17159 | 07 | 12 | 512 | 11048 | 09 | 16 | 044 | 09622 | 11 | 6 | 930 | 58996 | 20 | 4 | 03 | 9 |
| 143 | 1 486 315 | 068 | 13112 | 18 | 16 | 514 | 08047 | 27 | 16 | 034 | 00543 | 29 | 26 | 895 | 63662 | 32 | 21 | 03 | 9 |
| 144 | 1 490 480 | 035 | 10083 | 04 | 13 | 475 | 06032 | 05 | 20 | 990 | 52549 | 05 | 20 | 844 | 65688 | 02 | 33 | 03 | 9 |
| 223 | 2 292 352 | 019 | 24 | | | 474 | 17 | | | 013 | 11*** | | | 903 | 54*** | | | 02 | 1 |
| 235 | 2 390 530 | 030 | 18 | | | 465 | 13 | | | 017 | 08*** | | | 928 | 51*** | | | 02 | 9 |
| 237 | 2 346 763 | 072 | 21191 | 10 | 8 | 525 | 16032 | 05 | 5 | 066 | 09998 | 03 | 6 | 959 | 56990 | 02 | 13 | 03 | 9 |
| 360 | 3 660 020 | 203 | 11110 | 28 | 21 | 565 | 07028 | 29 | 18 | 141 | 01581 | 31 | 23 | 789 | 61712 | 32 | 24 | 03 | 5 |

JULY 9

| Index No. | Station Name | 1000 mb. | | | | 850 mb. | | | | 700 mb. | | | | 500 mb. | | | | Hour | Code Type |
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| 030 | TROMSO | 152 | 11090 | | | 490 | 04036 | | | 061 | 01572 | | | 656 | 71751 | | | 03 | 8 |
| 384 | GARDERMOEN | 201 | 13082 | 35 | 4 | 559 | 06014 | 02 | 15 | 147 | 01579 | 03 | 22 | 777 | 63738 | 04 | 33 | 03 | 5 |
| 415 | SOLA | 206 | 15123 | | | 570 | 12053 | | | 179 | 02561 | | | 827 | 63724 | | | 03 | 8 |
| | BLOCK 02 | | | | | | | | | | | | | | | | | | |
| 057 | LULEA KALLAS | 157 | 12087 | | | 510 | 05009 | | | 096 | 01545 | | | 736 | 62709 | | | 03 | 8 |
| 077 | STOCKHOLM | 164 | 14082 | 36 | 12 | 545 | 07008 | 01 | 16 | 098 | 00527 | 01 | 13 | 734 | 63704 | 04 | 32 | 03 | 5 |
| 084 | GOTEBORG | 166 | 17121 | | | 545 | 10502 | | | 122 | 00553 | | | 753 | 63675 | | | 03 | 8 |
| 974 | HELSINKI MAL | 109 | 13111 | | | 468 | 08051 | | | 046 | 50537 | | | 661 | 66763 | | | 03 | 8 |
| | BLOCK 03 | | | | | | | | | | | | | | | | | | |
| 005 | LERWICK | 073 | 56480 | 33 | 9 | 520 | 51410 | 03 | 7 | 046 | 38150 | 01 | 3 | 924 | 13950 | 09 | 3 | 02 | 2 |
| 026 | STORNOWAY | 077 | 52480 | 18 | 3 | 522 | 52420 | 10 | 11 | 050 | 40260 | 13 | 6 | 926 | 14930 | 14 | 11 | 02 | 2 |
| 476 | DOWNHAM MKT | 066 | 53490 | 03 | 7 | 504 | 43400 | 01 | 12 | 025 | 37140 | 30 | 6 | 888 | 04910 | 02 | 13 | 02 | 2 |
| 743 | LARKHILL | 071 | 52480 | | | 514 | 46350 | 03 | 7 | 033 | 32170 | 03 | 5 | 891 | 01810 | 10 | 11 | 02 | 2 |
| 808 | CAMBORNE | 071 | 58540 | | | 517 | 47330 | 05 | 7 | 037 | 34120 | 06 | 9 | 897 | 03740 | 09 | 10 | 02 | 2 |
| 917 | ALDERGROVE | 076 | 55520 | 17 | 6 | 519 | 46170 | 13 | 8 | 040 | 38130 | 08 | 5 | 911 | 08890 | 08 | 33 | 02 | 2 |
| 953 | VALENTIA | 077 | 57 0 | 04 | 8 | 523 | 48 0 | | | 043 | 36**0 | | | 906 | 08**0 | | | 03 | 2 |
| | BLOCK 04 | | | | | | | | | | | | | | | | | | |
| 018 | KEFLAVIK | 032 | 08084 | 20 | 20 | 470 | 03011 | 22 | 15 | 978 | 55579 | 22 | 14 | 821 | 69747 | 20 | 43 | 03 | 1 |
| 202 | THULE | 034 | 09014 | 10 | 7 | 470 | 00534 | 18 | 13 | 974 | 58602 | 17 | 28 | 805 | 75781 | 18 | 16 | 03 | 1 |
| | BLOCK 06 | | | | | | | | | | | | | | | | | | |
| 180 | KOBENHAVN | 163 | 18142 | 33 | 5 | 593 | 09067 | 35 | 13 | 115 | 51548 | 33 | 17 | 723 | 65717 | 03 | 34 | 03 | 5 |
| 260 | DE BILT | 209 | 10105 | | | 562 | 09023 | | | 151 | 01599 | | | 790 | 64774 | | | 03 | 8 |
| 447 | UCCLE | 200 | 11105 | | | 554 | 10060 | | | 133 | 00563 | | | 754 | 65761 | | | 03 | 8 |
| 610 | PAYERNE | 160 | | | | 540 | 09069 | 06 | 10 | 110 | 00001 | 03 | 10 | 720 | 67719 | | | 05 | 5 |
| | BLOCK 07 | | | | | | | | | | | | | | | | | | |
| 110 | BREST | 197 | 12103 | 05 | 9 | 550 | 09038 | 06 | 12 | 135 | 00617 | 05 | 8 | 764 | 65775 | 08 | 7 | 02 | 5 |
| 145 | TRAPPES | 189 | 12114 | | | 500 | 08062 | | | 080 | 01522 | | | 095 | 08743 | | | 02 | 8 |
| 190 | STRASBOURG | 169 | 15135 | | | 540 | 08013 | | | 115 | 00590 | | | 727 | 67872 | | | 02 | 8 |
| 480 | LYON | 167 | | | | 550 | 11032 | | | 119 | 01513 | | | 754 | 62685 | | | 02 | 8 |
| 510 | BORDEAUX | 161 | 16118 | 08 | 2 | 560 | 11014 | 13 | 10 | 129 | 02561 | 26 | 10 | 763 | 67771 | 24 | 24 | 02 | 5 |
| 645 | NIMES | 148 | 19145 | 34 | 8 | 530 | 11072 | 29 | 13 | 135 | 04514 | 28 | 40 | 797 | 61671 | 25 | 33 | 02 | 5 |
| | BLOCK 08 | | | | | | | | | | | | | | | | | | |
| 509 | LAGENS | 094 | 17161 | 03 | 10 | 541 | 11501 | 01 | 10 | 040 | 03593 | 03 | 17 | 941 | 59693 | 08 | 20 | 03 | 1 |
| 521 | FUNCHAL | 194 | 2013 | | | 566 | 09082 | | | 150 | 50558 | | | 773 | 63688 | | | 14 | 8 |
| 536 | PORTELA | 150 | 20138 | | | 524 | 08076 | | | 101 | 51991 | | | 726 | 64998 | | | 14 | 8 |
| | BLOCK 10 | | | | | | | | | | | | | | | | | | |
| 384 | TEMPELHOF | 166 | 15144 | 34 | 11 | 531 | 09587 | 34 | 9 | 112 | 51553 | 36 | 13 | 716 | 62787 | 30 | 19 | 03 | 5 |
| 419 | ISERLOHN | | | | | 511 | 52300 | 02 | 5 | 031 | 31070 | 01 | 6 | 890 | 01700 | 33 | 9 | 02 | 2 |
| 633 | WIESBADEN | 185 | 12115 | 04 | 5 | 548 | 09052 | 07 | 10 | 132 | 50551 | 05 | 8 | 755 | 64999 | 29 | 12 | 03 | 5 |
| 866 | MUNCHEN RIEM | 168 | 99999 | 99 | 99 | 528 | 08042 | 12 | 6 | 113 | 05623 | 34 | 2 | 737 | 99999 | 29 | 3 | 03 | 5 |
| | BLOCK 11 | | | | | | | | | | | | | | | | | | |
| 030 | TULLN | 163 | | | | 517 | 07045 | 35 | 9 | 094 | 50568 | 33 | 10 | 713 | 65814 | 29 | 17 | 03 | 5 |
| 567 | PRAHA KBELY | 168 | | | | 550 | 09099 | | | 125 | 00007 | | | 742 | 66701 | | | 05 | 5 |
| | BLOCK 16 | | | | | | | | | | | | | | | | | | |
| 597 | LUQA | 501 | | | | 476 | 78570 | 00 | | 025 | 58290 | 06 | 13 | 918 | 20980 | 15 | 4 | 14 | 5 |
| | BLOCK 17 | | | | | | | | | | | | | | | | | | |
| 130 | ANKARA | | | | | | | | | 103 | 05662 | | | 792 | 60994 | | | 02 | 8 |
| | BLOCK 40 | | | | | | | | | | | | | | | | | | |
| 427 | BAHREIN | 511 | | | | 472 | 88350 | 32 | 33 | 027 | 62210 | 32 | 30 | 927 | 22080 | 22 | 33 | 14 | 2 |
| 648 | HABBANIYA | 515 | | | | 467 | 82160 | 27 | 13 | 012 | 52860 | 27 | 16 | 910 | 29660 | 27 | 15 | 14 | 2 |
| | BLOCK 42 | | | | | | | | | | | | | | | | | | |
| 182 | NEW DELHI | 501 | | | | 142 | 18160 | | | 307 | 10100 | | | 588 | 53*** | | | 15 | 8 |
| 339 | JODHPUR | 501 | | | | 144 | 22190 | | | 310 | 15130 | | | 585 | 02550 | | | 15 | 8 |
| 475 | BAMRAULI AL | 000 | | | | 144 | 23150 | | | 311 | 13070 | | | 586 | 53570 | | | 14 | 8 |
| 807 | CALCUTTA | 001 | 26260 | | | 144 | 24180 | | | 312 | 16090 | | | 593 | 02610 | | | 15 | 8 |
| 867 | NAGPUR | 002 | | | | 145 | 21140 | | | 310 | 11500 | | | 583 | 54*** | | | 14 | 8 |
| 909 | VERAVAL | 002 | 29260 | | | 144 | 19160 | | | 309 | 11010 | | | 585 | 52*** | | | 14 | 8 |
| | BLOCK 43 | | | | | | | | | | | | | | | | | | |
| 063 | POONA | 005 | | | | 147 | 17140 | | | 310 | 10500 | | | 583 | 55*** | | | 14 | 8 |
| 149 | VIZAGAPATAM | 002 | | | | 145 | 21160 | | | 311 | 10090 | | | 584 | 55550 | | | 15 | 8 |
| 279 | MADRAS | 005 | 29230 | | | 148 | 21140 | | | 313 | 09010 | | | 585 | 55*** | | | 14 | 8 |
| 371 | TRIVANDRUM | 007 | 26230 | | | 149 | 19130 | | | 315 | 12050 | | | 587 | 56*** | | | 15 | 8 |

## RADIOSONDE AND RAWINSONDE DATA— Continued

U.S. GOVERNMENT PRINTING OFFICE 1949 826481

| Index No. | 300 mb. | | | | 200 mb. | | | | 100 mb. | | | | Hour | Code Type |
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| 202 | 193 | 82993 | 13 | 20 | | | | | | | | | 03 | 1 |
| 208 | 197 | 80998 | 33 | 6 | 099 | 02994 | 09 | 26 | 478 | ***** | | | 03 | 1 |
| 211 | 186 | 83919 | | | 072 | 06998 | | | | | | | 03 | 1 |
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| 253 | 184 | 63998 | 03 | 15 | 074 | 04995 | 06 | 11 | | | | | 03 | 1 |
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| 265 | 199 | 80859 | 29 | 16 | 096 | 04991 | 02 | 15 | | | | | 03 | 1 |
| 270 | 198 | 81998 | | | 095 | 04995 | | | | | | | 03 | 1 |
| 278 | 181 | 85994 | | | 070 | 04999 | | | 451 | 17996 | | | 03 | 1 |
| 304 | 198 | 79847 | 36 | 10 | 100 | 03999 | 36 | 18 | 474 | ***** | | | 03 | 1 |
| 317 | 211 | 78859 | 33 | 14 | 119 | 02990 | 35 | 10 | | | | | 03 | 1 |
| 327 | | | | | | | | | | | | | | |
| 340 | 205 | 78863 | 05 | 9 | | | | | | | | | 03 | 1 |
| 353 | 193 | 80921 | 01 | 13 | 101 | 01990 | 16 | 3 | 474 | 24994 | 07 | 35 | 03 | 1 |
| 365 | 200 | 79990 | 22 | 45 | 108 | 00990 | | | 494 | 22990 | | | 03 | 1 |
| 386 | 139 | 89999 | | | 010 | 07999 | | | 410 | 15990 | | | 03 | 1 |
| 394 | 141 | 89995 | 24 | 19 | 016 | 04992 | 23 | 29 | | | | | 04 | 1 |
| 405 | 187 | 81994 | | | 087 | 02998 | | | 477 | 15994 | | | 03 | 1 |
| 445 | 200 | 79871 | 02 | 8 | 105 | 02992 | 04 | 10 | 484 | ***** | | | 03 | 1 |
| 451 | 203 | 78899 | | | 112 | 02992 | | | 486 | 19990 | | | 03 | 1 |
| 476 | 163 | 85942 | 21 | 30 | 049 | 04990 | 26 | 46 | 448 | 14999 | 20 | 20 | 03 | 1 |
| 486 | 151 | 88993 | | | 027 | 05993 | | | 457 | 11994 | | | 03 | 1 |
| 493 | 139 | 89993 | 36 | 9 | 007 | 09995 | 33 | 9 | 444 | 10996 | | | 03 | 1 |
| 506 | 138 | 84917 | | | 034 | 00993 | | | | | | | 03 | 1 |
| 518 | 134 | 87929 | | | 019 | 02998 | | | | | | | 03 | 1 |
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| 528 | 159 | 83991 | | | 055 | 04993 | | | | | | | 03 | 1 |
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| 536 | 101 | 50 | | | | | | | | | | | 03 | 1 |
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| 576 | 161 | 87992 | | | 043 | 03996 | | | 458 | ***** | | | 03 | 1 |
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| 655 | 199 | 79839 | 24 | 35 | 107 | 01996 | 23 | 36 | 509 | 19997 | 25 | 53 | 03 | 1 |
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| 681 | 134 | 90995 | | | 001 | 09994 | | | 439 | 09992 | | | 03 | 1 |
| 712 | 101 | 50 | | | | | | | | | | | 03 | 1 |
| 734 | 177 | 83998 | 32 | 59 | | | | | | | | | 03 | 1 |
| 747 | 173 | 82868 | 26 | 53 | 071 | 02995 | 26 | 62 | 485 | 13991 | 23 | 34 | 04 | 1 |
| 764 | 170 | 83877 | 20 | 37 | 060 | 06990 | 21 | 57 | 462 | 11993 | 21 | 26 | 03 | 1 |
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| 785 | 116 | 92994 | 28 | 33 | 977 | 06997 | 27 | 37 | | | | | 03 | 1 |
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| 815 | 101 | 43 | | | | | | | | | | | 03 | 1 |
| 816 | 970 | 96994 | | | 864 | 91992 | | | | | | | 03 | 1 |
| 826 | | | | | | | | | | | | | 03 | 1 |
| 867 | 084 | 86991 | | | 970 | 02994 | | | | | | | 03 | 1 |
| 879 | 026 | 98999 | 19 | 33 | 905 | 94996 | 24 | 29 | 411 | 98993 | 23 | 20 | 03 | 1 |
| 896 | 058 | 93996 | 30 | 52 | 922 | 03992 | | | 402 | 98999 | | | 03 | 1 |
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| 907 | 085 | 91997 | | | 944 | 08990 | | | *** | 02991 | | | 04 | 1 |
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| 913 | 063 | 89983 | 21 | 26 | 934 | 98991 | 23 | 25 | | | | | 03 | 1 |
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| 917 | 975 | 95990 | 16 | 27 | | | | | | | | | 03 | 1 |
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| 964 | 070 | 93996 | 31 | 38 | 924 | 06992 | 33 | 48 | | | | | 03 | 1 |
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| 043 | 011 | 97994 | | | 877 | 98992 | | | 392 | 94994 | | | 03 | 1 |
| 072 | 920 | 95997 | | | | | | | | | | | 03 | 1 |
| 074 | 930 | 93998 | | | | | | | | | | | 03 | 1 |
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| 188 | 000 | 98999 | | | 878 | 95994 | | | 377 | 98999 | | | 04 | 1 |
| 76 | | | | | | | | | | | | | | |
| 491 | 178 | 82993 | | | 076 | 04990 | | | | | | | 02 | 1 |
| 644 | 173 | 82907 | | | 063 | 05997 | | | | | | | 03 | 1 |
| 679 | 174 | 81868 | | | 065 | 06993 | | | | | | | 03 | 1 |
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| 016 | 150 | 83998 | 02 | 19 | 045 | 06991 | | | | | | | 09 | 1 |
| 355 | 101 | 43 | | | | | | | | | | | 03 | 1 |
| 367 | 101 | 43 | | | | | | | | | | | 03 | 1 |
| 395 | 191 | 81886 | 02 | 25 | 101 | 03992 | 33 | 42 | | | | | 03 | 1 |
| 501 | 181 | 82884 | | | 076 | 05990 | | | | | | | 03 | 1 |
| 525 | 101 | 43 | | | | | | | | | | | 03 | 1 |
| 806 | 134 | 82998 | 11 | 27 | | | | | | | | | 03 | 1 |
| 862 | 188 | 83990 | 23 | 14 | | | | | | | | | 03 | 1 |
| 967 | 182 | 81841 | | | 092 | 97994 | | | | | | | 03 | 1 |
| 972 | 186 | 83868 | 11 | 13 | 074 | 06995 | 13 | 13 | | | | | 03 | 1 |
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| QLL | | OCEAN | STA | | | | | | | | | | | |
| 034 | 175 | 87989 | 11 | 34 | 047 | 10990 | 12 | 19 | 441 | 16999 | 12 | 16 | 03 | 9 |
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| 062 | 141 | 430 | 19 | 9 | | | | | | | | | 03 | 2 |
| 063 | 032 | 94999 | 18 | 88 | 908 | 96992 | | | 411 | 98993 | | | 03 | 9 |
| 121 | 101 | 50 | | | | | | | | | | | 03 | 9 |
| 134 | 164 | 87990 | 25 | 20 | | | | | | | | | 03 | 9 |
| 143 | 114 | 88991 | 31 | 30 | | | | | | | | | 03 | 9 |
| 144 | 040 | 95990 | 05 | 37 | 906 | 00990 | 03 | 31 | 391 | 01994 | | | 03 | 9 |
| 223 | 202 | 69 | | | 163 | 86 | | | 678 | 07*** | | | 02 | 1 |
| 235 | 241 | 70 | | | 199 | 88 | | | 695 | 05*** | | | 02 | 9 |
| 237 | 226 | 81992 | | | | | | | | | | | 03 | 9 |
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| 01 | | | | | | | | | | | | | | |
| 001 | 924 | 90998 | | | | | | | | | | | 03 | 8 |
| 030 | 918 | 01 2 | | | | | | | | | | | 03 | 8 |
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| 02 | | | | | | | | | | | | | | |
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| 077 | 943 | 91990 | 04 | 40 | | | | | | | | | 03 | 5 |
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| 974 | 303 | 93993 | | 9 | 709 | 9997 | | | | | | | 03 | 8 |
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| 026 | 145 | 59 0 | 07 | 10 | | | | | | | | | 02 | 2 |
| 476 | 080 | 56 0 | 07 | 57 | | | | | | | | | 02 | 2 |
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| 808 | 086 | 51 0 | 13 | 11 | | | | | | | | | 02 | 2 |
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| 953 | 107 | 55 0 | | | 980 | 42 0 | | | | | | | 03 | 2 |
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| 018 | 008 | 89977 | 20 | 73 | 903 | 94996 | 04 | 17 | | | | | 03 | 1 |
| 202 | 964 | 00990 | 19 | 23 | 928 | 98992 | 19 | 43 | | | | | 03 | 1 |
| 06 | | | | | | | | | | | | | | |
| 180 | 937 | 92992 | 04 | 53 | 204 | 98993 | | | | | | | 03 | 5 |
| 260 | 947 | 90 | | | 217 | 99 | | | | | | | 03 | 8 |
| 447 | 415 | 92 0 | | | 089 | 97 0 | | | 605 | 03**8 | | | 03 | 8 |
| 610 | 320 | 90 7 | | | 070 | 96 1 | | | | | | | 05 | 5 |
| 07 | | | | | | | | | | | | | | |
| 110 | 940 | 95 1 | 11 | 21 | 205 | 97 0 | 17 | 14 | 658 | 03**7 | 24 | 3 | 02 | 5 |
| 145 | 928 | 94 0 | | | 184 | 02 4 | | | 627 | 07**4 | | | 02 | 8 |
| 190 | 937 | 97 1 | | | 203 | 98 7 | | | 652 | 05**0 | | | 02 | 8 |
| 480 | 942 | 92 1 | | | 240 | 50 0 | | | 658 | 07**0 | | | 02 | 8 |
| 510 | 941 | 92 1 | 25 | 32 | | | | | | | | | 02 | 5 |
| 645 | 948 | 91 0 | | | 217 | 01 4 | | | | | | | 02 | 5 |
| 08 | | | | | | | | | | | | | | |
| 509 | 169 | 88898 | 02 | 44 | | | | | | | | | 03 | 1 |
| 521 | 943 | 92998 | | | 213 | 98993 | | | 655 | 12994 | | | 14 | 8 |
| 536 | 938 | 91993 | | | 208 | 95994 | | | 656 | 06991 | | | 14 | 8 |
| 10 | | | | | | | | | | | | | | |
| 384 | 933 | 94990 | 30 | 21 | 204 | 94998 | 31 | 12 | 662 | 98999 | 32 | 10 | 03 | 5 |
| 419 | 085 | 55 0 | 28 | 28 | | | | | | | | | 02 | 2 |
| 633 | 942 | 90992 | 27 | 38 | 211 | 95998 | | | 666 | 98999 | | | 03 | 5 |
| 866 | 940 | 92993 | 26 | 32 | | | | | | | | | 03 | 5 |
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| 030 | 936 | 92 5 | 28 | 48 | 200 | 98 7 | 27 | 49 | 658 | 00995 | | | 03 | 5 |
| 567 | 938 | 94992 | | | 204 | 98993 | | | | | | | 05 | 5 |
| 16 | | | | | | | | | | | | | | |
| 597 | 162 | 75610 | 09 | 14 | 058 | 35 0 | 09 | 31 | 424 | 91**0 | 09 | 70 | 14 | 5 |
| 17 | | | | | | | | | | | | | | |
| 130 | 101 | 50 | | | | | | | | | | | 02 | 8 |
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| 427 | 201 | 91610 | 18 | 3 | 132 | 51 0 | 13 | 12 | 541 | 97**0 | 10 | 25 | 14 | 2 |
| 648 | 177 | 82420 | 25 | 12 | 091 | 45 0 | 28 | 18 | 484 | 93**0 | 23 | 15 | 14 | 2 |
| 42 | | | | | | | | | | | | | | |
| 182 | 973 | 78 | | | 251 | 99 | | | 687 | 12*** | | | 15 | 8 |
| 339 | 976 | 75 | | | 254 | 03 | | | | | | | 15 | 8 |
| 475 | 971 | 76 | | | 248 | 03 | | | | | | | 15 | 8 |
| 807 | 985 | 73 | | | | | | | | | | | 15 | 8 |
| 867 | 969 | 78 | | | | | | | | | | | 14 | 8 |
| 909 | 971 | 77 | | | 248 | 01 | | | | | | | 14 | 8 |
| 43 | | | | | | | | | | | | | | |
| 063 | 101 | 43 | | | | | | | | | | | 14 | 8 |
| 149 | 101 | 43 | | | | | | | | | | | 15 | 8 |
| 279 | 969 | 79 | | | 246 | 99 | | | | | | | 14 | 8 |
| 371 | 101 | 43 | | | | | | | | | | | 15 | 8 |

## RADIOSONDE AND RAWINSONDE DATA.
### SIGNIFICANT LEVELS

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| 208 | 015 | 24234 | 960 | 23206 | 924 | 24149 | 882 | 21074 | 03 | 1 |
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| 259 | 989 | 30174 | 978 | 30138 | 793 | 18997 | 674 | 08006 | 03 | 1 |
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| 365 | 838 | 28072 | 819 | 28074 | 530 | 54565 | 493 | 55669 | 03 | 1 |
| 386 | 935 | 32521 | 933 | 34990 | 849 | 26512 | 628 | 01618 | 03 | 1 |
| 394 | 007 | 12106 | 976 | 10080 | 957 | 11085 | 945 | 18052 | 04 | 1 |
| 405 | 017 | 20197 | 876 | 17153 | 453 | 61712 | 432 | 63719 | 03 | 1 |
| 445 | 984 | 24244 | 950 | 25223 | 400 | 64682 | 250 | 89007 | 03 | 1 |
| 451 | 922 | 28189 | 894 | 26177 | 854 | 27173 | 638 | 08512 | 03 | 1 |
| 476 | 854 | 25105 | 792 | 21511 | 658 | 06019 | 585 | 50588 | 03 | 1 |
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| 553 | 977 | 28236 | 821 | 17148 | 616 | 05532 | 564 | 00533 | 03 | 1 |
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| 576 | 831 | 24061 | 800 | 24038 | 482 | 62713 | 450 | 65792 | 03 | 1 |
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| 606 | 019 | 12109 | 013 | 17116 | 914 | 11002 | 748 | 51556 | 03 | 1 |
| 655 | 979 | 25221 | 650 | 05001 | 605 | 03614 | 598 | 02554 | 03 | 1 |
| 662 | 904 | 23154 | 898 | 28145 | 807 | 22043 | 545 | 52541 | 03 | 1 |
| 681 | 917 | 26111 | 895 | 26515 | 562 | 55755 | 543 | 57993 | 03 | 1 |
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| 734 | 997 | 14114 | 980 | 18106 | 864 | 14603 | 734 | 08647 | 03 | 1 |
| 747 | 975 | 20183 | 917 | 17174 | 801 | 17004 | 757 | 14006 | 04 | 1 |
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| 775 | 891 | 20071 | 674 | 02693 | 400 | 75991 | 318 | 87999 | 03 | 1 |
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| 807 | 014 | 11091 | 690 | 56622 | 662 | 56671 | 600 | 60712 | 02 | 1 |
| 815 | 015 | 11052 | 935 | 09543 | 730 | 54600 | 695 | 54680 | 03 | 1 |
| 816 | 011 | 07059 | 928 | 02005 | 750 | 53548 | 650 | 60609 | 03 | 1 |
| 826 | 958 | 11022 | 950 | 13026 | 922 | 13014 | 794 | 01535 | 03 | 1 |
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| 896 | 942 | 16118 | 660 | 57573 | 565 | 62755 | 400 | 78998 | 03 | 1 |
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| 907 | 022 | 07041 | 964 | 09585 | 874 | 06632 | 841 | 06632 | 03 | 1 |
| 909 | 013 | 12094 | 400 | 77950 | 314 | 90951 | 818 | 08990 | 04 | 1 |
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| 918 | 999 | 05027 | 876 | 51583 | 793 | 00501 | 742 | 52582 | 03 | 1 |
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| 934 | 994 | 16021 | 836 | 03573 | 623 | 62754 | 608 | 61729 | 03 | 1 |
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| 964 | 936 | 21045 | 952 | 59725 | 400 | 79882 | 211 | 10999 | 03 | 1 |
| 968 | 013 | 14042 | 890 | 07502 | 876 | 07506 | 787 | 02592 | 02 | 1 |
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| 043 | 005 | 17061 | 911 | 09508 | 684 | 58614 | 632 | 60777 | 03 | 1 |
| 072 | 993 | 02502 | 602 | 65726 | 586 | 65713 | 400 | 81865 | 03 | 1 |
| 074 | 986 | 06051 | 970 | 05049 | 954 | 02052 | 912 | 04034 | 03 | 1 |
| 090 | 002 | 13056 | 954 | 13051 | 797 | 05008 | 675 | 53601 | 03 | 1 |
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| 188 | 015 | 10081 | 983 | 14024 | 847 | 05513 | 777 | 90999 | 04 | 1 |
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| 644 | 011 | 26211 | 973 | 24192 | 946 | 24183 | 676 | 07027 | 03 | 1 |
| 679 | 774 | 17105 | 696 | 11053 | 600 | 03031 | 480 | 60636 | 03 | 1 |
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| 016 | 020 | 25241 | 667 | 02552 | 566 | 55595 | 543 | 57630 | 09 | 1 |
| 355 | 003 | 24231 | 960 | 23215 | 931 | 23148 | 828 | 18011 | 03 | 1 |
| 367 | 014 | 27218 | 900 | 16108 | 754 | 08997 | 732 | 09946 | 03 | 1 |
| 395 | 011 | 25243 | 943 | 22218 | 826 | 16133 | 793 | 16046 | 03 | 1 |
| 501 | 014 | 25239 | 763 | 12094 | 583 | 51554 | 479 | 58598 | 03 | 1 |
| 525 | 016 | 26228 | 904 | 16146 | 641 | 01617 | 614 | 02668 | 03 | 1 |
| 806 | 010 | 25244 | 775 | 12078 | 570 | 51512 | 465 | 59683 | 03 | 1 |
| 862 | 106 | 27221 | 868 | 18172 | 848 | 16124 | 819 | 17051 | 03 | 1 |
| 967 | 014 | 26219 | 805 | 15122 | 775 | 15063 | 637 | 05862 | 03 | 1 |
| 972 | 009 | 26233 | 722 | 10061 | 658 | 08639 | 463 | 59995 | 03 | 1 |
| 91 | | | | | | | | | | |
| 182 | 015 | 27188 | 900 | 16144 | 887 | 17133 | 862 | 16113 | 03 | 1 |
| 245 | 012 | 30231 | 512 | 20171 | 830 | 15077 | 810 | 14114 | 03 | 1 |
| 366 | 009 | 30254 | 915 | 20192 | 822 | 17129 | 795 | 16116 | 03 | 1 |
| 98 | | | | | | | | | | |
| 645 | 004 | 28238 | 888 | 18177 | 546 | 50537 | 463 | 59645 | 03 | 8 |
| QLL | | OCEAN | STA | | | | | | | |
| 034 | 029 | 24208 | 908 | 16086 | 800 | 10061 | 635 | 00575 | 03 | 9 |
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| 044 | 016 | 13134 | 996 | 13106 | 773 | 51535 | 739 | 52541 | 03 | 9 |
| 051 | 033 | 58550 | | | | | | | 09 | 2 |
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| 055 | 009 | 06047 | 958 | 03005 | 909 | 03001 | 845 | 50538 | 03 | 9 |
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| 121 | 014 | 16047 | 963 | 13138 | 950 | 21518 | 400 | 67991 | 03 | 9 |
| 134 | 022 | 19175 | 865 | 09071 | 902 | 12542 | 757 | 10534 | 03 | 9 |
| 143 | 024 | 12124 | 990 | 14121 | 868 | 09071 | 814 | 07557 | 03 | 9 |
| 144 | 012 | 10107 | 910 | 08062 | 890 | 08056 | 400 | 77811 | 03 | 9 |
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| 235 | 011 | 19 | 976 | 17 | 923 | 17*** | 612 | 04*** | 02 | 9 |
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| 384 | 000 | 13082 | 986 | 14098 | 829 | 04507 | 786 | 02014 | 03 | 5 |
| 415 | 022 | 12116 | 983 | 17133 | 922 | 15101 | 898 | 15093 | 03 | 8 |
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| 077 | 017 | 15091 | 970 | 12076 | 952 | 14081 | 800 | 02509 | 03 | 5 |
| 084 | 019 | 13121 | 981 | 20097 | 749 | 01551 | 730 | 01547 | 03 | 8 |
| 974 | 007 | 13111 | 898 | 11062 | 20 | 3012* | 785 | 1554* | 03 | 8 |
| 03 | | | | | | | | | | |
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| 026 | 027 | 50480 | | | | | | | 02 | 2 |
| 476 | 020 | 53490 | | | | | | | 02 | 2 |
| 743 | 010 | 48450 | 004 | 52490 | 860 | 44350 | 848 | 48350 | 02 | 2 |
| 808 | 016 | 54530 | | | | | | | 02 | 2 |
| 917 | 020 | 53500 | | | | | | | 02 | 2 |
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| 06 | | | | | | | | | | |
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| 260 | 025 | 07074 | 998 | 1010 | 933 | 08080 | 895 | 12542 | 03 | 8 |
| 447 | 012 | 12108 | 940 | 10082 | 930 | 15124 | 740 | 01525 | 03 | 8 |
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| 480 | 994 | 18132 | 969 | 13131 | 930 | 17086 | 839 | 10081 | 02 | 8 |
| 510 | 014 | 15123 | 987 | 17119 | 950 | 15077 | 850 | 11014 | 02 | 5 |
| 645 | 010 | 19141 | 995 | 19148 | 965 | 18126 | 885 | 13084 | 02 | 5 |
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| 867 | 968 | 28240 | 565 | 50500 | 427 | 61*** | 410 | 61*** | 14 | 8 |
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| 149 | 997 | 28270 | 350 | 71 | | | | | 15 | 8 |
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## RADIOSONDE AND RAWINSONDE DATA.
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| 493 | 400 | 72999 | 205 | 10990 | 158 | 04994 | 090 | 11999 | 03 | 1 |
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| 518 | 731 | 04677 | 651 | 00998 | 611 | 52992 | 570 | 54693 | 03 | 1 |
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| 534 | 328 | 76888 | | | | | | | 03 | 1 |
| 536 | | | | | | | | | | |
| 553 | 473 | 58636 | 456 | 60704 | 428 | 62663 | 400 | 65708 | 03 | 1 |
| 562 | 342 | 74875 | 253 | 90990 | 154 | 14999 | 125 | 20994 | 03 | 1 |
| 576 | 400 | 72990 | 366 | 76885 | 350 | 79884 | 324 | 82935 | 03 | 1 |
| 597 | | | | | | | | | | |
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| 606 | 723 | 51618 | 585 | 58758 | 400 | 76991 | 305 | 89990 | 03 | 1 |
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| 662 | 413 | 65705 | 400 | 66744 | 390 | 68771 | 343 | 75795 | 03 | 1 |
| 681 | 503 | 62791 | 400 | 73829 | 370 | 77907 | 304 | 89009 | 03 | 1 |
| 712 | 715 | 52692 | 458 | 71868 | 101 | 55*** | | | 03 | 1 |
| 734 | 678 | 04003 | 666 | 05015 | 605 | 02551 | 566 | 51682 | 03 | 1 |
| 747 | 731 | 13583 | 618 | 02624 | 556 | 54619 | 517 | 55727 | 04 | 1 |
| 764 | 546 | 56591 | 400 | 57707 | 266 | 90940 | 152 | 15999 | 03 | 1 |
| 768 | 496 | 61779 | 452 | 66772 | 426 | 68834 | 400 | 72993 | 03 | 1 |
| 775 | 184 | 02990 | 110 | 08999 | 094 | 07994 | | | 03 | 1 |
| 785 | 621 | 51709 | 506 | 60766 | 400 | 75995 | 315 | 89995 | 03 | 1 |
| 798 | 882 | 11033 | 800 | 06589 | 473 | 65721 | 400 | 73781 | 03 | 1 |
| 807 | 515 | 67757 | 486 | 70802 | 400 | 81991 | | | 02 | 1 |
| 815 | 630 | 57990 | 509 | 67991 | 400 | 82994 | | | 03 | 1 |
| 816 | 400 | 86897 | 373 | 90923 | 325 | 97995 | 200 | 91992 | 03 | 1 |
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| 867 | 400 | 70795 | 210 | 02997 | 175 | 01995 | | | 03 | 1 |
| 879 | 284 | 01995 | 230 | 95991 | 192 | 94993 | 083 | 00992 | 03 | 1 |
| 896 | 267 | 00990 | 214 | 06994 | 191 | 01991 | 077 | 98995 | 03 | 1 |
| 906 | 573 | 63997 | 455 | 66994 | 400 | 73994 | 101 | 58*** | 03 | 1 |
| 907 | 790 | 03582 | 750 | 01646 | 705 | 01674 | 577 | 56994 | 04 | 1 |
| 909 | 171 | 98992 | 125 | 97990 | 101 | 58*** | | | 03 | 1 |
| 913 | 714 | 01015 | 675 | 51515 | 650 | 51527 | 558 | 59612 | 03 | 1 |
| 915 | 660 | 52636 | 550 | 59624 | 474 | 65684 | 400 | 73*** | 03 | 1 |
| 917 | 546 | 64793 | 480 | 70733 | 400 | 79826 | 332 | 89947 | 03 | 1 |
| 918 | 677 | 54633 | 575 | 63782 | 400 | 80996 | 279 | 98999 | 03 | 1 |
| 924 | 400 | 82864 | 350 | 90943 | 308 | 98993 | 250 | 90990 | 03 | 1 |
| 926 | 438 | 82991 | | | | | | | 03 | 1 |
| 934 | 475 | 75823 | | | 369 | 89994 | 293 | 00995 | 03 | 1 |
| 938 | | | | | | | | | | |
| 945 | 508 | 64712 | 489 | 71794 | 400 | 78850 | 313 | 89952 | 03 | 1 |
| 964 | 192 | 02999 | 101 | 58 | | | | | 03 | 1 |
| 968 | 758 | 00673 | 572 | 62665 | 554 | 62716 | 400 | 78776 | 02 | 1 |
| 74 | | | | | | | | | | |
| 043 | 612 | 62990 | 576 | 65817 | 537 | 69735 | 524 | 68721 | 03 | 1 |
| 072 | 338 | 90990 | 232 | 87997 | | | | | 03 | 1 |
| 074 | 902 | 05036 | 676 | 54556 | 620 | 60624 | 578 | 63734 | 03 | 1 |
| 090 | 656 | 53704 | 581 | 60994 | 525 | 63995 | 400 | 76998 | 03 | 1 |
| 109 | | | | | | | | | | |
| 188 | 656 | 60637 | 516 | 70848 | 400 | 85990 | 366 | 90990 | 04 | 1 |
| 76 | | | | | | | | | | |
| 491 | 618 | 03996 | 591 | 02994 | 512 | 54990 | 400 | 66994 | 02 | 1 |
| 644 | 400 | 68711 | 269 | 89962 | 175 | 12998 | 127 | 11998 | 03 | 1 |
| 679 | 468 | 62722 | 435 | 64801 | 420 | 64713 | 400 | 66757 | 03 | 1 |
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| 016 | 470 | 62725 | 424 | 69815 | 414 | 69995 | 400 | 71992 | 09 | 1 |
| 355 | 802 | 16014 | 761 | 11084 | 625 | 03609 | 612 | 02563 | 03 | 1 |
| 367 | 456 | 53768 | 400 | 78995 | | | | | 03 | 1 |
| 395 | 753 | 13002 | 694 | 08028 | 636 | 06657 | 619 | 06993 | 03 | 1 |
| 501 | 400 | 66685 | 267 | 88956 | 140 | 22993 | 126 | 20999 | 03 | 1 |
| 525 | 425 | 67772 | 400 | 70831 | | | | | 03 | 1 |
| 806 | 400 | 67765 | 347 | 73817 | 272 | 89993 | | | 03 | 1 |
| 862 | 654 | 04571 | 630 | 03648 | 608 | 04605 | 582 | 02*** | 03 | 1 |
| 967 | 578 | 03990 | 400 | 67734 | | | | | 03 | 1 |
| 972 | 400 | 68741 | 379 | 70735 | 269 | 90919 | 139 | 19990 | 03 | 1 |
| 91 | | | | | | | | | | |
| 182 | 846 | 16111 | 828 | 18025 | 667 | 05554 | 620 | 03658 | 03 | 1 |
| 245 | 758 | 11049 | 745 | 12551 | 689 | 08028 | 634 | 05664 | 03 | 1 |
| 366 | 400 | 63731 | 360 | 66785 | 274 | 83996 | 107 | 16991 | 03 | 1 |
| 98 | | | | | | | | | | |
| 645 | 450 | 58642 | 330 | 73872 | 110 | 26997 | | | 03 | 8 |
| QLL | | OCEAN | STA | | | | | | | |
| 034 | 626 | 00663 | 602 | 50673 | 292 | 89001 | 214 | 08994 | 03 | 9 |
| 035 | 752 | 09036 | 731 | 08558 | 596 | 51619 | 465 | 64804 | 03 | 9 |
| 037 | 400 | 65681 | 256 | 90941 | 127 | 20993 | | | 03 | 9 |
| 044 | 661 | 02506 | | | 616 | 00541 | 585 | 50558 | 03 | 9 |
| 051 | | | | | | | | | | |
| 053 | 724 | 01567 | 694 | 00685 | 617 | 54999 | 604 | 56725 | 03 | 9 |
| 055 | 816 | 50532 | 583 | 63681 | 400 | 82887 | 368 | 89954 | 03 | 9 |
| 062 | | | | | | | | | | |
| 063 | 694 | 53702 | 681 | 53728 | 326 | 89999 | 256 | 00993 | 03 | 9 |
| 121 | | | | | | | | | | |
| 134 | 525 | 56748 | 400 | 70998 | 256 | 94998 | | | 03 | 9 |
| 143 | 800 | 07017 | 603 | 57595 | 400 | 72777 | 353 | 79840 | 03 | 9 |
| 144 | 324 | 90943 | 239 | 04994 | 027 | 94994 | | | 03 | 9 |
| 223 | 596 | 03 | 435 | 58 | 372 | 62*** | 268 | 73*** | 02 | 1 |
| 235 | 445 | 55 | 249 | 77 | 149 | 02*** | 117 | 05*** | 02 | 9 |
| 237 | 525 | 53993 | 400 | 65995 | 250 | 90996 | | | 03 | 9 |
| 360 | 760 | 05534 | 588 | 53657 | 400 | 72821 | 220 | 04996 | 03 | 5 |
| 01 | | | | | | | | | | |
| 001 | 890 | 05051 | 820 | 02020 | 750 | 51513 | 722 | 50524 | 03 | 8 |
| 030 | 400 | 85901 | 312 | 01 5 | 290 | 01**0 | 268 | 90**5 | 03 | 8 |
| 384 | 581 | 58673 | 525 | 60705 | 400 | 78871 | 210 | 08*** | 03 | 5 |
| 415 | 800 | 09011 | 750 | 03534 | 677 | 01576 | 400 | 74844 | 03 | 8 |
| 02 | | | | | | | | | | |
| 057 | 718 | 02535 | 520 | 60697 | 287 | 90959 | | | 03 | 8 |
| 077 | 622 | 53581 | 396 | 74814 | 289 | 93995 | 263 | 95997 | 03 | 5 |
| 084 | 255 | 95997 | 207 | 00990 | 196 | 98991 | 175 | 98999 | 03 | 8 |
| 974 | 403 | 77992 | 315 | 91995 | 261 | 98993 | 247 | 98990 | 03 | 8 |
| 03 | | | | | | | | | | |
| 005 | | | | | | | | | | |
| 026 | | | | | | | | | | |
| 476 | | | | | | | | | | |
| 743 | 815 | 46360 | 652 | 32110 | 382 | 76560 | 260 | 41**0 | 02 | 2 |
| 808 | | | | | | | | | | |
| 917 | | | | | | | | | | |
| 953 | 184 | 43 0 | 116 | 36 0 | | | | | 03 | 2 |
| 04 | | | | | | | | | | |
| 018 | 066 | 96992 | | | | | | | 03 | 1 |
| 202 | 822 | 04521 | 739 | 50528 | 570 | 61636 | 434 | 73774 | 03 | 1 |
| 06 | | | | | | | | | | |
| 180 | 113 | 98999 | | | | | | | 03 | 5 |
| 260 | 823 | 07075 | 739 | 03542 | 662 | 00655 | 552 | 59712 | 03 | 8 |
| 447 | 625 | 53634 | 212 | 97 0 | 178 | 97**0 | 084 | 05**0 | 03 | 8 |
| 610 | 635 | 54557 | 600 | 57594 | 540 | 64641 | 432 | 73811 | 05 | 5 |
| 07 | | | | | | | | | | |
| 110 | 890 | 10043 | 840 | 09034 | 770 | 04525 | 740 | 04562 | 02 | 5 |
| 145 | 790 | 08024 | 750 | 08015 | 720 | 02506 | 618 | 56610 | 02 | 8 |
| 190 | 755 | 03545 | 626 | 55664 | 600 | 56696 | 532 | 64780 | 02 | 8 |
| 480 | 700 | 01513 | 635 | 54565 | 584 | 55595 | 533 | 60659 | 02 | 8 |
| 510 | 772 | 08512 | 700 | 02561 | 671 | 02582 | 600 | 55652 | 02 | 5 |
| 645 | 850 | 11072 | 839 | 10074 | 815 | 10074 | 775 | 07048 | 02 | 5 |
| 08 | | | | | | | | | | |
| 509 | 762 | 06595 | 750 | 06576 | 733 | 04544 | 552 | 53650 | 03 | 1 |
| 521 | 725 | 00544 | 400 | 76848 | 324 | 89976 | 162 | 03991 | 14 | 8 |
| 536 | 722 | 00681 | 575 | 55997 | 400 | 78993 | 228 | 96994 | 14 | 8 |
| 10 | | | | | | | | | | |
| 384 | 757 | 03003 | 667 | 54565 | 558 | 62676 | 472 | 71841 | 03 | 5 |
| 419 | | | | | | | | | | |
| 633 | 644 | 00667 | 614 | 54695 | 484 | 66996 | 400 | 77990 | 03 | 5 |
| 866 | 595 | 56712 | 497 | 65784 | 400 | 76814 | 381 | 79835 | 03 | 5 |
| 11 | | | | | | | | | | |
| 030 | 354 | 83875 | 314 | 90931 | 230 | 05**7 | 194 | 97**0 | 03 | 5 |
| 567 | 205 | 98993 | 167 | 98990 | 120 | 01992 | 080 | 99997 | 06 | 5 |
| 16 | | | | | | | | | | |
| 597 | 095 | 91 0 | | | | | | | 14 | 5 |
| 17 | | | | | | | | | | |
| 130 | 798 | 11540 | 751 | 06581 | 687 | 04643 | 672 | 04686 | 02 | 8 |
| 40 | | | | | | | | | | |
| 427 | 576 | 36070 | 556 | 34060 | 523 | 26110 | 458 | 14970 | 14 | 2 |
| 648 | 527 | 31680 | 430 | 16570 | 118 | 01**0 | 096 | 91**0 | 14 | 2 |
| 42 | | | | | | | | | | |
| 182 | 100 | 12 | | | | | | | 15 | 8 |
| 339 | 516 | 52520 | 465 | 53600 | 330 | 69*** | 267 | 83*** | 15 | 8 |
| 475 | | | | | | | | | | |
| 807 | | | | | | | | | | |
| 867 | 300 | 78 | | | | | | | 14 | 8 |
| 909 | 676 | 11520 | 640 | 07010 | 567 | 04592 | 195 | 03*** | 14 | 8 |
| 43 | | | | | | | | | | |
| 063 | 490 | 56 | 355 | 71 | | | | | 14 | 8 |
| 149 | | | | | | | | | | |
| 279 | | | | | | | | | | |
| 371 | | | | | | | | | | |

## JULY 9

# RADIOSONDE AND RAWINSONDE DATA

U.S. GOVERNMENT PRINTING OFFICE 1949 826480

| Index No. iii | Station Name | 1000 mb. hhh | TTTTT ddx | dd | ff | 850 mb. hhh | TTTTT ddx | dd | ff | 700 mb. hhh | TTTTT ddx | dd | ff | 500 mb. hhh | TTTTT ddx | dd | ff | Hour GG | Code Type |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | BLOCK 45 | | | | | | | | | | | | | | | | | | |
| 007 | KAI TAK | 002 | 28240 | | | 145 | 21200 | | | 311 | 13110 | | | 587 | 51**0 | | | 22 | 8 |
| | BLOCK 47 | | | | | | | | | | | | | | | | | | |
| 401 | WAKKANAI | 034 | 14102 | | | 477 | 12115 | | | 005 | 07012 | | | 896 | 53625 | | | 03 | 1 |
| 412 | SAPPORO DCMO | 017 | 21137 | | | 470 | 15098 | | | 003 | 10046 | | | 896 | 42647 | | | 03 | 1 |
| 580 | MISAWA | 023 | 18662 | 09 | 3 | 476 | 11102 | 30 | 5 | 006 | 07037 | 31 | 6 | 894 | 56744 | 27 | 6 | 03 | 1 |
| 590 | SENDAI DCMO | 022 | 23156 | | | 476 | 12101 | | | 004 | 07524 | | | 889 | 57673 | | | 03 | 1 |
| 600 | WAJIMA | 033 | 20141 | | | 482 | 14098 | | | 017 | 08037 | | | 913 | 53609 | | | 03 | 1 |
| 635 | NAGOYA | 023 | 26163 | 00 | | 484 | 15092 | 19 | 8 | 015 | 06602 | 21 | 5 | 898 | 58992 | 27 | 21 | 03 | 1 |
| 646 | TATENO | 009 | 26223 | | | 466 | 16157 | | | 005 | 08006 | | | 917 | 55689 | | | 03 | 1 |
| 671 | TOKYO | 101 | 59 | | | | | | | *** | ***** | | | *** | ***** | | | 03 | 1 |
| 744 | YONAGO | 026 | 21162 | | | 485 | 18090 | | | 022 | 10525 | | | 916 | 53656 | | | 04 | 1 |
| 778 | SHIONOMISAKI | 025 | 25193 | | | 482 | 16100 | | | 018 | 11532 | | | 912 | 52655 | | | 03 | 1 |
| 808 | ITAZUKE | 023 | 22183 | 26 | 6 | 481 | 14117 | 19 | 7 | 016 | 09081 | 25 | 14 | 914 | 52543 | 28 | 15 | 03 | 1 |
| 827 | KAGOSHIMA | 023 | 22212 | | | 472 | 10081 | | | 995 | 03518 | | | 870 | 58654 | | | 05 | 1 |
| 931 | KADENA OKINW | 040 | 30242 | 21 | 17 | 507 | 19141 | 22 | 22 | 047 | 10029 | 22 | 17 | 612 | 55714 | 25 | 7 | 03 | 1 |
| | BLOCK 60 | | | | | | | | | | | | | | | | | | |
| 155 | CASABLANCA | 169 | 19144 | | | 550 | 19061 | | | 161 | 11622 | | | 892 | 61765 | | | 02 | 8 |
| 390 | M BLANCHE | 124 | 22217 | | | 560 | 25077 | | | 200 | 12574 | | | 911 | 62703 | | | 02 | 8 |
| 570 | COLOMB | 091 | | | | 560 | 28594 | | | 221 | 10696 | | | 887 | 64815 | | | 02 | 5 |
| | BLOCK 61 | | | | | | | | | | | | | | | | | | |
| 642 | DAKAR OUAKAM | 121 | 23229 | 32 | 5 | 540 | 18112 | 19 | 8 | 125 | 09064 | 15 | 23 | 893 | 57600 | 13 | 20 | 07 | 5 |
| | BLOCK 62 | | | | | | | | | | | | | | | | | | |
| 011 | WHEELUS FLD | 155 | 25165 | 05 | 4 | 578 | 23994 | 08 | 22 | 226 | 12991 | 04 | 27 | 922 | 56990 | 04 | 14 | 09 | 5 |
| | BLOCK 70 | | | | | | | | | | | | | | | | | | |
| 026 | BARROW | 003 | 13073 | 27 | 3 | 448 | 06518 | 23 | 23 | 966 | 00665 | 24 | 21 | 824 | 67721 | 23 | 21 | 03 | 1 |
| 133 | KOTZEBUE | 018 | 16107 | 18 | 15 | 464 | 06041 | 21 | 18 | 979 | 51557 | 21 | 14 | 835 | 67795 | 17 | 7 | 03 | 1 |
| 200 | NOME | 029 | 07061 | 21 | 10 | 463 | 02511 | 22 | 13 | 972 | 54582 | 16 | 4 | 818 | 70811 | 15 | 12 | 03 | 1 |
| 204 | GAMBELL | 019 | 06043 | | | 450 | 52533 | | | 948 | 60621 | | | 770 | 77811 | | | 03 | 1 |
| 219 | BETHEL | 030 | 11066 | 18 | 11 | 467 | 01505 | 16 | 16 | 972 | 57601 | | | 808 | 74884 | | | 03 | 1 |
| 231 | MCGRATH | 006 | 20088 | 20 | 9 | 765 | 01513 | | | 733 | 51552 | | | 640 | 56723 | | | 03 | 1 |
| 261 | FRBNKS WEEKS | 050 | 24093 | 22 | 9 | 507 | 12025 | 23 | 15 | 029 | 00608 | 18 | 10 | 891 | 65768 | 19 | 13 | 03 | 1 |
| 273 | ANCH MERRILL | 064 | 15064 | 29 | 9 | 510 | 07027 | 14 | 10 | 029 | 00592 | 20 | 20 | 888 | 65777 | 17 | 18 | 03 | 1 |
| 291 | NORTHWAY | 042 | | | | 504 | 15021 | 34 | 6 | 030 | 03646 | 22 | 2 | 894 | 66801 | 16 | 8 | 03 | 1 |
| 316 | FORT RANDALL | 101 | 42 | | | | | | | *** | ***** | | | *** | ***** | | | 03 | 1 |
| 350 | KODIAK | 037 | 11051 | | | 456 | 02002 | | | 983 | 53585 | | | 827 | 71773 | | | 03 | 1 |
| 361 | YAKUTAT | 070 | 09048 | 33 | 4 | 508 | 08022 | 14 | 5 | 029 | 01643 | 10 | 10 | 891 | 64994 | 11 | 11 | 03 | 1 |
| 381 | JUNEAU | 068 | 14077 | 26 | 2 | 512 | 09522 | 15 | 8 | 035 | 02603 | 13 | 14 | 898 | 64898 | 05 | 6 | 03 | 1 |
| 398 | ANNETTE IS | 067 | 16057 | 16 | 4 | 515 | 08534 | 14 | 7 | 033 | 50627 | 18 | 9 | 893 | 64686 | 19 | 7 | 03 | 1 |
| 409 | MASSACRE BAY | 101 | 50 | | | | | | | *** | ***** | | | *** | ***** | | | 03 | 1 |
| 439 | AMCHITKA | 060 | 06050 | 23 | 15 | 495 | 04031 | 27 | 14 | 006 | 54541 | 27 | 19 | 860 | 64671 | 28 | 19 | 03 | 1 |
| 454 | LONGVIEW | 034 | 08077 | 18 | 11 | 470 | 01019 | 19 | 16 | 982 | 00501 | 21 | 8 | 843 | 63687 | 25 | 20 | 03 | 1 |
| 485 | FORT GLENN | 042 | 08038 | 05 | 3 | 476 | 04522 | 06 | 7 | 988 | 52657 | 07 | 4 | 839 | 70999 | 24 | 7 | 03 | 1 |
| | BLOCK 72 | | | | | | | | | | | | | | | | | | |
| 202 | MIAMI | 054 | 26234 | 15 | 4 | 517 | 17132 | 09 | 9 | 052 | 07048 | 02 | 14 | 937 | 56674 | 02 | 9 | 03 | 1 |
| 208 | CHARLESTON | 056 | 24237 | 09 | 9 | 519 | 17141 | 03 | 8 | 055 | 07048 | 03 | 13 | 945 | 55617 | 03 | 16 | 03 | 1 |
| 211 | TAMPA | 058 | 26229 | 35 | 6 | 522 | 17132 | 22 | 3 | 059 | 09022 | 36 | 9 | 950 | 56692 | 03 | 8 | 03 | 1 |
| 219 | ATLANTA | 052 | | | | 522 | 20162 | 13 | 7 | 062 | 09058 | 08 | 5 | 959 | 54993 | | | 03 | 1 |
| 231 | NEW ORLEANS | 053 | 25238 | 19 | 11 | 518 | 18148 | 17 | 10 | 058 | 10047 | 15 | 8 | *** | ***** | | | 03 | 1 |
| 240 | LAKE CHARLES | 042 | 27208 | | | 508 | 18145 | | | 047 | 09014 | | | 933 | 58673 | | | 03 | 1 |
| 250 | BROWNSVILLE | 040 | 28232 | 14 | 13 | 507 | 20083 | 15 | 18 | 046 | 09579 | 17 | 8 | 938 | 55607 | 06 | 9 | 03 | 1 |
| 253 | SAN ANTONIO | 039 | | | | 506 | 20161 | 12 | 6 | 046 | 11030 | 10 | 20 | 937 | 56682 | 09 | 13 | C3 | 1 |
| 259 | FT WORTH | 044 | | | | 516 | 24072 | 21 | 20 | 060 | 11007 | 26 | 6 | 955 | 55991 | 08 | 5 | 03 | 1 |
| 265 | BIG SPRING | 034 | | | | 508 | 23102 | 16 | 11 | 051 | 10005 | 20 | 10 | 944 | 56672 | 08 | 13 | 03 | 1 |
| 270 | EL PASO | 028 | | | | 501 | 23123 | 15 | 19 | 050 | 14023 | 07 | 10 | 947 | 55657 | 04 | 17 | 04 | 1 |
| 278 | PHOENIX | 015 | | | | 497 | 29017 | 30 | 11 | 051 | 15505 | 13 | 8 | 950 | 54990 | 16 | 19 | 03 | 1 |
| 304 | HATTERAS | 063 | 23159 | 08 | 19 | 520 | 16003 | 05 | 16 | 055 | 09013 | 01 | 17 | 942 | 56990 | 36 | 26 | 03 | 1 |
| 317 | GREENSBORO | 069 | | | | 523 | 15151 | 09 | 8 | 057 | 08061 | 02 | 9 | 948 | 55621 | 02 | 22 | 03 | 1 |
| 327 | NASHVILLE | 049 | | | | 520 | 21143 | 19 | 11 | 061 | 09042 | 28 | 5 | 954 | 55994 | 20 | 10 | 03 | 1 |
| 340 | LITTLE ROCK | 047 | 28227 | 18 | 5 | 517 | 21123 | 20 | 10 | 058 | 10046 | 00 | | 951 | 55662 | 21 | 5 | 04 | 1 |
| 353 | OKLAHOMA CTY | 035 | | | | 509 | 23158 | | | 055 | 11074 | 23 | 20 | 950 | 55671 | 29 | 9 | 03 | 1 |
| 365 | ALBUQUERQUE | 008 | | | | 495 | | | | 052 | 16521 | 16 | 4 | 950 | 57671 | 36 | 7 | 03 | 1 |
| 386 | LAS VEGAS | 013 | | | | 497 | 28012 | 19 | 4 | 045 | 11549 | 20 | 8 | 928 | 60991 | 15 | 12 | 03 | 1 |
| 394 | SANTA MARIA | 040 | 12095 | 28 | 7 | 500 | 22504 | 15 | 10 | 041 | 10635 | 09 | 3 | 927 | 58990 | 35 | 9 | 03 | 1 |
| 405 | WASHINGTON | 070 | 22142 | 16 | 14 | 526 | 11047 | 11 | 7 | 057 | 07506 | 35 | 8 | 943 | 56743 | | | 03 | 1 |
| 445 | COLUMBIA | 040 | | | | 507 | 18174 | 27 | 9 | 046 | 09073 | 29 | 13 | 939 | 54587 | 22 | 11 | 03 | 1 |
| 451 | DODGE CITY | 040 | | | | 508 | 20153 | 02 | 6 | 049 | 09046 | 01 | 22 | 940 | 56582 | | | 03 | 1 |
| 476 | GRAND JUNC | 015 | | | | 498 | 29038 | 04 | 9 | 054 | 16003 | 04 | 10 | 951 | 55993 | 19 | 14 | 03 | 1 |
| 486 | ELY | 015 | | | | 497 | | | | 048 | 14533 | 13 | 7 | 937 | 60664 | 20 | 10 | 03 | 1 |
| 493 | OAKLAND | 038 | 19094 | 29 | 11 | 504 | 22545 | 18 | 13 | 047 | 11992 | 14 | 6 | 934 | 59990 | 25 | 4 | 03 | 1 |
| 506 | NANTUCKET | 076 | 16077 | | | 526 | 09017 | | | 049 | 04993 | | | 922 | 62995 | | | 03 | 1 |
| 518 | ALBANY | 064 | 22113 | 00 | | 522 | 13501 | 25 | 4 | 047 | 06995 | 02 | 10 | 927 | 60784 | 35 | 23 | 03 | 1 |
| 520 | PITTSBURGH | 101 | 42 | | | | | | | *** | ***** | | | *** | ***** | | | 03 | 1 |
| 528 | BUFFALO | 060 | | | | 523 | 15105 | 22 | 10 | 055 | 08004 | 32 | 10 | 946 | 55995 | | | 03 | 1 |
| 534 | CHICAGO | 041 | | | | 507 | 19156 | 19 | 13 | 048 | 09069 | 19 | 17 | 942 | 55586 | | | 03 | 1 |
| 536 | TOLEDO | 048 | | | | 515 | 19163 | 19 | 9 | 054 | 09054 | | | 946 | 55591 | | | 03 | 1 |
| 553 | OMAHA | 040 | | | | 506 | 19148 | 07 | 10 | 047 | 09061 | 36 | 11 | 940 | 55563 | 31 | 17 | 03 | 1 |
| 562 | N PLATTE | 048 | | | | 515 | 16138 | 04 | 20 | 051 | 07027 | 04 | 33 | 936 | 56628 | | | 03 | 1 |
| 576 | LANDER | 038 | | | | 514 | | | | 059 | 10008 | 08 | 10 | 944 | 59647 | | | 03 | 1 |
| 597 | MEDFORD | 039 | | | | 508 | 20041 | 31 | 8 | 047 | 09523 | 16 | 8 | 926 | 61779 | 20 | 16 | 03 | 1 |
| 600 | SABLE ISLAND | 062 | 13095 | | | 504 | 04519 | | | 014 | 55647 | | | 853 | 72811 | | | 03 | 1 |
| 606 | PORTLAND | 070 | 17121 | 21 | 14 | 521 | 09037 | 32 | 6 | 042 | 02645 | 35 | 20 | 910 | 63785 | | | 03 | 1 |
| 655 | ST CLOUD | 043 | | | | 506 | 18141 | 29 | 4 | 043 | 10530 | 32 | 7 | 931 | 57623 | 23 | 9 | 03 | 1 |
| 662 | RAPID CITY | 052 | | | | 520 | 21038 | 05 | 9 | 060 | 08011 | 30 | 10 | 948 | 58993 | 31 | 21 | 03 | 1 |
| 679 | BUTTE | | 4 | | | | | | | | | | | | | | | | |
| 681 | BOISE | 034 | | | | 508 | 26512 | 35 | 11 | 054 | 11606 | 27 | 11 | 935 | 61775 | 17 | 7 | 03 | 1 |
| 712 | CARIBOU | 066 | 17074 | 02 | 4 | 517 | 09008 | 36 | 6 | 035 | 00688 | 35 | 18 | 900 | 65750 | 35 | 39 | 03 | 1 |
| 734 | SAULT MARIE | 054 | | | | 512 | 16009 | 22 | 9 | 047 | 09505 | 25 | 13 | 942 | 54673 | 27 | 15 | 03 | 1 |
| 747 | INTL FALLS | 038 | | | | 500 | 17142 | 28 | 21 | 036 | 08026 | 25 | 19 | 923 | 59703 | 24 | 20 | 03 | 1 |
| 764 | BISMARCK | 053 | | | | 515 | 14049 | 31 | 19 | 046 | 07539 | 29 | 31 | 924 | 62705 | 27 | 33 | 03 | 1 |
| 768 | GLASGOW | 063 | | | | 524 | 15013 | 33 | 10 | 048 | 00562 | 28 | 25 | 920 | 61999 | 29 | 39 | 03 | 1 |
| 775 | GREAT FALLS | 057 | | | | 518 | 16052 | 11 | 10 | 049 | 06571 | 27 | 11 | 922 | 62763 | 28 | 28 | 03 | 1 |
| 785 | SPOKANE | 046 | | | | 514 | 18027 | 03 | 10 | 048 | 07644 | 23 | 3 | 928 | 60698 | 25 | 11 | 03 | 1 |
| 798 | TATOOSH IS | 062 | 11107 | 26 | 13 | 514 | 13019 | 09 | 5 | 041 | 04632 | 24 | 9 | 911 | 63703 | 23 | 20 | 03 | 1 |
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| 815 | STEPHENVILLE | 059 | 12026 | 03 | 6 | 502 | 05510 | 03 | 17 | 013 | 54620 | 35 | 20 | 855 | 70817 | 36 | 22 | 03 | 1 |
| 816 | GOOSE | 053 | 12042 | 27 | 5 | 494 | 06512 | 35 | 16 | 005 | 54594 | 36 | 17 | 853 | 67995 | 36 | 31 | 03 | 1 |
| 826 | NITCHEQUON | 047 | | | | 499 | 12521 | | | 024 | 13990 | | | 895 | 61990 | | | 03 | 1 |
| 836 | MOOSONEE | 028 | 15127 | | | 479 | 10065 | | | 002 | 03509 | | | 879 | 59631 | | | 03 | 1 |
| 867 | THE PAS | 055 | | | | 492 | 04515 | | | 010 | 51717 | | | 865 | 66711 | | | 03 | 1 |
| 879 | EDMONTON | 061 | | | | 516 | 10017 | 29 | 6 | 035 | 51646 | 30 | 23 | 891 | 65789 | 29 | 29 | 03 | 1 |
| 896 | PRINCE GEORG | 055 | | | | 510 | 14023 | 19 | 6 | 035 | 50541 | | | 895 | 65735 | 24 | 10 | 03 | 1 |
| 906 | FT CHIMO | | | | | 437 | | | | 997 | 52998 | 27 | 20 | 847 | 67692 | | | 03 | 1 |
| 907 | PORT HARRISN | 028 | 07062 | | | 469 | 10093 | | | 991 | 00510 | | | 852 | 64673 | | | 03 | 1 |
| 909 | UP FROBISHER | 021 | 13034 | 12 | 9 | 465 | 06511 | 21 | 25 | 979 | 51587 | 22 | 25 | 837 | 66672 | 25 | 26 | 03 | 1 |
| 913 | CHURCHILL | 047 | 13061 | 23 | 6 | 486 | 03007 | 32 | 10 | 998 | 54651 | 31 | 14 | 846 | 68772 | 27 | 19 | 03 | 1 |
| 915 | CORAL HARBOR | 030 | 09058 | | | 472 | 05003 | | | 982 | 55589 | | | 825 | 71773 | | | 03 | 1 |
| 917 | EUREKA | 007 | 06027 | 10 | 3 | 440 | 01503 | 17 | 12 | 980 | 54565 | 16 | 19 | 790 | 70767 | 17 | 32 | 03 | 1 |
| 918 | ARCTIC BAY | 510 | | | | 420 | 54540 | | | 917 | 57572 | | | 751 | 72744 | | | 03 | 1 |
| 924 | RESOLUTE | 502 | | | | 424 | 54576 | 05 | 6 | 921 | 59654 | 09 | 13 | 754 | 74821 | 09 | 11 | 03 | 1 |
| 926 | BAKER LAKE | 022 | 09031 | | | 459 | 50551 | | | 961 | 57619 | | | 794 | 72772 | | | 03 | 1 |
| 934 | FT SMITH | 044 | | | | 497 | 09507 | | | 012 | 54581 | | | 855 | 70776 | | | 03 | 1 |
| 938 | COPPERMINE | 101 | 50 | | | | | | | *** | ***** | | | *** | ***** | | | 03 | 1 |
| 945 | FORT NELSON | 048 | | | | 508 | 13558 | | | 031 | 51615 | | | 884 | 67732 | | | 03 | 1 |
| 964 | WHITEHORSE | 052 | | | | 510 | 15001 | 19 | 2 | 034 | 00562 | 00 | | 890 | 67781 | 02 | 9 | 03 | 1 |
| 968 | AKLAVIK | 017 | 17107 | | | 466 | 11514 | | | 986 | 52595 | | | 837 | 67764 | | | 03 | 1 |
| | BLOCK 74 | | | | | | | | | | | | | | | | | | |
| 043 | NORMAN WELLS | 052 | 22063 | | | 504 | 10003 | | | 022 | 52583 | | | 872 | 67807 | | | 03 | 1 |
| 072 | MOULD BAY | 006 | 04013 | | | 431 | 54553 | | | 926 | 61634 | | | 744 | 78825 | | | 03 | 1 |
| 074 | ISACHSEN | 007 | | | | 333 | 52571 | | | 927 | 57666 | | | 778 | 72771 | | | 03 | 1 |
| 090 | CLYDE RIVER | 003 | 23411 | 16 | 23 | 347 | 05635 | 20 | 19 | 959 | 53696 | 20 | 24 | 813 | 65718 | 20 | 24 | 03 | 1 |
| 109 | PORT HARDY | 064 | 18083 | | | 517 | 12067 | | | 043 | 03521 | | | 919 | 58695 | | | 03 | 1 |
| | BLOCK 76 | | | | | | | | | | | | | | | | | | |
| 458 | MAZATLAN | 033 | 28201 | | | 505 | 29125 | | | 052 | 14042 | | | 948 | 55694 | | | 02 | 1 |
| 491 | C VICTORIA | 017 | | | | 498 | 21133 | | | 037 | 08547 | | | 924 | 56608 | | | 02 | 1 |
| 644 | MERIDA | 049 | 23217 | | | 514 | 18126 | | | 052 | 10014 | | | 941 | 56575 | | | 02 | 1 |
| 679 | TACUBAYA | 019 | | | | 492 | | | | 391 | 10051 | | | 929 | 57581 | | | 03 | 1 |
| | BLOCK 78 | | | | | | | | | | | | | | | | | | |
| 016 | KINDLEY FLD | 052 | 23218 | 22 | 8 | 507 | 09049 | 22 | 21 | 028 | 01617 | 23 | 15 | 890 | 64998 | 25 | 17 | 03 | 1 |
| 325 | HAVANA C B | 050 | 26239 | 04 | 10 | 517 | 18118 | 07 | 15 | 056 | 09035 | 06 | 12 | *** | ***** | | | 04 | 1 |
| 395 | VERNAM FIELD | 045 | 24213 | 07 | 7 | 508 | 14134 | 01 | 10 | 039 | 08002 | 02 | 9 | 921 | 59994 | 02 | 15 | 03 | 1 |
| 501 | SWAN ISLAND | 044 | 25238 | | | 508 | 17121 | | | 046 | 10593 | | | 936 | 57738 | | | 03 | 1 |
| 525 | SAN JUAN | 051 | 24198 | 08 | 9 | 512 | 15096 | 09 | 16 | 044 | 07526 | 10 | 10 | *** | ***** | | | 03 | 1 |
| 806 | ALBROOK FLD | 031 | 25233 | 05 | 3 | 494 | 17132 | 36 | 8 | 031 | 09017 | 11 | 11 | 928 | 56655 | 12 | 16 | 03 | 1 |
| 862 | COOLIDGE FLD | 048 | 14228 | 07 | 16 | 508 | 15951 | 09 | 21 | 040 | 06015 | 12 | 15 | 921 | 58998 | 17 | 16 | 03 | 1 |
| 967 | CHAGUARAMAS | 042 | 23217 | | | 508 | 15 | | | 040 | ***** | | | 926 | 58651 | | | 03 | 1 |
| | BLOCK 91 | | | | | | | | | | | | | | | | | | |
| 066 | MIDWAY ISL | 063 | 26202 | 11 | 12 | 527 | 19133 | 12 | 13 | 067 | 11557 | | | 959 | 57671 | | | 03 | 1 |
| 115 | IWO JIMA | 101 | 59 | | | | | | | *** | ***** | | | *** | ***** | | | 03 | 1 |
| 182 | HONOLULU | 047 | 23175 | 05 | 16 | 505 | 15117 | 06 | 18 | 041 | 08526 | 09 | 6 | 931 | 54998 | 03 | 8 | 03 | 1 |
| 215 | HARMON FLD | 027 | 30117 | 10 | 9 | 494 | 18131 | 10 | 10 | 033 | 09506 | 14 | 11 | 923 | 56993 | 15 | 14 | 03 | 1 |
| 334 | TRUK | 101 | 59 | | | | | | | *** | ***** | | | *** | ***** | | | 03 | 1 |
| 366 | KWAJALEIN | 025 | 30251 | 11 | 3 | 295 | 22186 | 11 | 9 | 040 | 12086 | 04 | 3 | 930 | **627 | 01 | 8 | 03 | 1 |
| 413 | YAP | 101 | 58 | | | | | | | *** | ***** | | | *** | ***** | | | 03 | 1 |
| | BLOCK 98 | | | | | | | | | | | | | | | | | | |
| 645 | CEBU | 028 | 29244 | | | 500 | 19145 | | | 037 | 09057 | | | 932 | 54996 | | | 03 | 8 |
| QLL | OCEAN STA | | | | | | | | | | | | | | | | | | |
| 034 | 0 355 400 | 087 | 21384 | 14 | 13 | 546 | 12082 | 11 | 17 | 076 | 06586 | 06 | 7 | 954 | 60773 | 12 | 6 | 03 | 9 |
| 035 | 0 340 520 | 070 | 23195 | 21 | 16 | 528 | 13076 | 24 | 18 | 058 | 05624 | 22 | 19 | 934 | 61782 | 20 | 22 | 03 | 9 |
| 037 | 0 360 700 | 060 | 22158 | 08 | 9 | 515 | 10998 | 07 | 24 | 045 | 08994 | 02 | 11 | 828 | 60990 | 04 | 12 | 04 | 9 |
| 044 | 0 450 450 | 043 | 11118 | 03 | 30 | 490 | 11094 | 22 | 44 | 016 | 04504 | 22 | 43 | *** | ***** | | | 03 | 9 |
| 051 | 0 538 170 | 075 | 57520 | 02 | 19 | 824 | 53470 | 22 | 23 | 051 | 41290 | 25 | 24 | 929 | 16060 | 28 | 5 | 02 | 2 |
| 053 | 0 527 355 | 054 | 09081 | 26 | 3 | 492 | 05009 | 20 | 14 | 009 | 00568 | 22 | 27 | 875 | 60637 | 23 | 57 | 03 | 9 |
| 055 | 0 562 511 | 045 | 04034 | | | 474 | 51521 | 26 | 19 | 977 | 57606 | 32 | 16 | 809 | 74827 | 02 | 25 | 04 | 9 |
| 062 | 0 599 159 | 039 | 53220 | 21 | 40 | 475 | 50500 | 21 | 44 | 005 | 37340 | 21 | 54 | 775 | 12120 | 22 | 63 | 02 | 2 |
| 063 | 0 606 341 | 029 | 07055 | 22 | 29 | 463 | 50516 | 23 | 25 | 966 | 56626 | 24 | 28 | 800 | 73831 | 22 | 33 | 03 | 9 |
| 121 | 1 275 195 | 045 | 15137 | | | 499 | 21991 | | | 039 | 12990 | | | 935 | 54992 | | | 03 | 9 |
| 133 | 1 341 310 | 071 | 14135 | | | 524 | 16551 | | | 056 | 07618 | | | 942 | 58997 | 32 | 13 | 03 | 9 |
| 134 | 1 300 400 | 070 | 17154 | 08 | 15 | 518 | 10046 | 10 | 10 | 051 | 11992 | 13 | 9 | 944 | ***** | | | 03 | 9 |
| 143 | 1 488 381 | 046 | 11103 | 20 | 17 | 486 | 04047 | 19 | 24 | 999 | 53599 | 20 | 29 | 850 | 68827 | 22 | 36 | 03 | 9 |
| 144 | 1 490 480 | 041 | 12081 | 24 | 4 | 481 | 05024 | 25 | 7 | 998 | 00583 | 00 | | 854 | 66993 | 21 | 19 | 03 | 9 |
| 223 | 2 285 352 | 026 | 25 | | | 488 | 21 | | | 032 | 13*** | | | 940 | 51*** | | | 02 | 1 |
| 235 | 2 390 530 | 044 | 19 | | | 507 | 16 | | | 056 | 08*** | | | 951 | 54*** | | | 02 | 9 |
| 237 | 2 382 717 | 073 | 21162 | 26 | 15 | 525 | 14084 | 23 | 21 | 059 | 06514 | 26 | 15 | 945 | 55995 | 32 | 14 | 03 | 9 |
| 246 | 2 440 650 | 101 | 59 | | | | | | | *** | ***** | | | *** | ***** | | | 03 | 9 |
| 360 | 3 660 020 | 183 | 11088 | 25 | 20 | 540 | 12033 | 27 | 26 | 149 | 01587 | 27 | 32 | 798 | 63732 | 26 | 27 | 03 | 5 |

## JULY 10

| Index No. iii | Station Name | 1000 mb. hhh | TTTTT ddx | dd | ff | 850 mb. hhh | TTTTT ddx | dd | ff | 700 mb. hhh | TTTTT ddx | dd | ff | 500 mb. hhh | TTTTT ddx | dd | ff | Hour GG | Code Type |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | BLOCK 01 | | | | | | | | | | | | | | | | | | |
| 001 | JAN MAYEN | 054 | 01015 | | | 400 | 00518 | | | 897 | 57662 | | | 467 | 70776 | | | 03 | 8 |
| 030 | TROMSO | 101 | 14087 | | | 440 | 06001 | | | 042 | 01601 | | | 677 | 64740 | | | 03 | 8 |
| 384 | GARDERMOEN | 187 | 99999 | | | 563 | 11038 | 06 | 19 | 156 | 03574 | 05 | 14 | 815 | 62733 | 01 | 21 | 03 | 5 |
| 415 | SOLA | 209 | 14109 | | | 610 | 13017 | | | 202 | 05589 | | | 865 | 63763 | | | 03 | 8 |
| | BLOCK 02 | | | | | | | | | | | | | | | | | | |
| 057 | LULEA KALLAS | 147 | 17121 | | | 540 | 12507 | | | 129 | 02617 | | | 780 | 62758 | | | 03 | 8 |
| 077 | STOCKHOLM | 187 | 16072 | 35 | 11 | 575 | 08003 | 05 | 4 | 147 | 04571 | 04 | 21 | 806 | 61701 | 03 | 24 | 03 | 5 |
| 084 | GOTEBORG | 191 | 18134 | | | 564 | 09052 | | | 162 | 03523 | | | 833 | 60682 | | | 03 | 8 |
| 974 | HELSINKI MAL | 157 | 12072 | | | 510 | 07533 | | | 093 | 02553 | | | 737 | 62714 | | | 03 | 2 |
| | BLOCK 03 | | | | | | | | | | | | | | | | | | |
| 005 | LERWICK | | | | | 513 | 48420 | 23 | 19 | 039 | 41240 | 22 | 29 | 922 | 18970 | 25 | 31 | 02 | 2 |
| 026 | STORNOWAY | 069 | 54520 | | | 514 | 56290 | 23 | 23 | 046 | 45170 | 22 | 19 | 930 | 20660 | 24 | 38 | 02 | 2 |
| 171 | LEUCHARS | 070 | 55510 | | | 520 | 54260 | | | 044 | 43160 | | | 924 | 16740 | | | 02 | 7 |
| 476 | DOWNHAM MKT | 071 | 51490 | 06 | 5 | 514 | 53360 | 05 | 7 | 039 | 37130 | 08 | 10 | 909 | 10850 | 08 | 18 | 02 | 2 |
| 743 | LARKHILL | 072 | 55510 | | | 518 | 47 | 06 | 12 | 042 | 40010 | 06 | 6 | 910 | 08900 | 08 | 19 | 02 | 2 |
| 808 | CAMBORNE | 072 | 60390 | | | 518 | 41360 | 07 | 8 | *** | ***** | | | 903 | 04720 | 06 | 17 | 02 | 2 |
| 917 | ALDERGROVE | 075 | 56 0 | 27 | 3 | 520 | 51 0 | 16 | 9 | 050 | 45**0 | 10 | 5 | 929 | 14**0 | 05 | 21 | 02 | 2 |
| 953 | VALENTIA | 076 | 53 0 | 03 | 2 | 522 | 48 0 | 01 | 5 | 045 | 42**0 | 33 | 5 | 921 | 12**0 | | | 03 | 2 |
| | BLOCK 04 | | | | | | | | | | | | | | | | | | |
| 018 | KEFLAVIK | 037 | 06056 | 21 | 16 | 469 | 52522 | 24 | 18 | 972 | 56627 | 24 | 26 | 807 | 74812 | 25 | 30 | 03 | 1 |
| 202 | THULE | 013 | 11004 | 07 | 9 | 452 | 03547 | 13 | 4 | 964 | 53701 | 12 | 21 | 604 | 68823 | 12 | 24 | 03 | 1 |

# RADIOSONDE AND RAWINSONDE DATA—Continued

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| Index No. iii | 300 mb. hhh | TTTTT ddx | dd | ff | 200 mb. hhh | TTTTT ddx | dd | ff | 100 mb. hhh | TTTTT ddx | dd | ff | Hour GG | Code Type |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
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| 47 | | | | | | | | | | | | | | |
| 401 | 157 | 80901 | | | 066 | 98990 | | | | | | | 03 | 1 |
| 412 | | | | | | | | | | | | | | |
| 580 | 138 | 88998 | 21 | 11 | | | | | | | | | 03 | 1 |
| 590 | 126 | 83995 | | | 026 | 00990 | | | | | | | 03 | 1 |
| 600 | 169 | 77995 | | | 024 | 90990 | | | 613 | 98998 | | | 03 | 1 |
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| 808 | 192 | 72796 | 28 | 53 | 136 | 90998 | 28 | 88 | | | | | 03 | 1 |
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| 155 | 962 | 84969 | | | 239 | 97 7 | | | | | | | 02 | 8 |
| 390 | 976 | 83903 | | | 975 | 20209 | | | | | | | 02 | 8 |
| 570 | 960 | 85056 | | | 232 | 04111 | | | | | | | 02 | 5 |
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| 642 | 971 | 81825 | 11 | 9 | 246 | 02 0 | 09 | 5 | 670 | 12**4 | 10 | 50 | 07 | 5 |
| 62 | | | | | | | | | | | | | | |
| 011 | 971 | 83990 | 32 | 10 | | | | | | | | | 09 | 5 |
| 70 | | | | | | | | | | | | | | |
| 026 | 027 | 89934 | 25 | 27 | 897 | 08996 | 27 | 27 | | | | | 03 | 1 |
| 133 | 028 | 91990 | 11 | 34 | 899 | 04991 | 10 | 32 | 399 | 95990 | 00 | | 03 | 1 |
| 200 | 948 | 87999 | | | 820 | 95994 | | | | | | | 03 | 1 |
| 204 | 921 | 89953 | | | 837 | 89983 | | | | | | | 03 | 1 |
| 219 | 964 | 98992 | | | 853 | 92992 | | | | | | | 03 | 1 |
| 231 | 069 | 92992 | | | 930 | 07998 | | | | | | | 03 | 1 |
| 261 | 002 | 98992 | 10 | 6 | 857 | 01993 | 10 | 9 | 354 | 97992 | | | 03 | 1 |
| 273 | 085 | 93996 | 18 | 24 | 944 | 08995 | 18 | 24 | 416 | ***** | | | 03 | 1 |
| 291 | 999 | 98991 | | | 862 | 96999 | | | 367 | ***** | | | 03 | 1 |
| 316 | 101 | 42 | | | | | | | | | | | 03 | 1 |
| 350 | 010 | 96991 | | | 887 | 95994 | | | 426 | 91993 | | | 03 | 1 |
| 361 | 980 | 05995 | | | | | | | | | | | 03 | 1 |
| 381 | 096 | 93990 | 04 | 7 | 956 | 07991 | 30 | 4 | 436 | 00990 | | | 03 | 1 |
| 398 | 050 | 95990 | | | 919 | 00990 | | | | | | | 03 | 1 |
| 409 | 101 | 50 | | | | | | | | | | | 03 | 1 |
| 439 | 101 | 42 | | | | | | | | | | | 03 | 1 |
| 454 | 077 | 81881 | | | 981 | 98995 | | | 515 | 89991 | | | 03 | 1 |
| 485 | 028 | 92994 | 17 | 13 | 906 | 97995 | 17 | 30 | | | | | 03 | 1 |
| 72 | | | | | | | | | | | | | | |
| 202 | 185 | 82928 | 05 | 15 | 079 | 05991 | 08 | 25 | | | | | 03 | 1 |
| 208 | 199 | 82912 | 08 | 9 | 095 | 04992 | 03 | 21 | 461 | 22990 | 05 | 26 | 03 | 1 |
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| 231 | 101 | 50 | | | | | | | | | | | 03 | 1 |
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| 250 | 190 | 82911 | 04 | 12 | 082 | 05992 | 05 | 18 | | | | | 03 | 1 |
| 253 | 191 | 82882 | 06 | 12 | | | | | | | | | 03 | 1 |
| 259 | 101 | 50 | | | | | | | | | | | 03 | 1 |
| 265 | 196 | 81912 | 06 | 16 | 097 | 03999 | 08 | 22 | 464 | ***** | | | 03 | 1 |
| 270 | 197 | 81843 | | | 094 | 04991 | | | | | | | 04 | 1 |
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| 365 | 198 | 81991 | 23 | 28 | 096 | 03996 | 17 | 32 | | | | | 03 | 1 |
| 386 | 147 | 89995 | 21 | 44 | 026 | 04999 | | | | | | | 03 | 1 |
| 394 | 150 | 89997 | 32 | 16 | 020 | 04998 | 26 | 30 | 446 | 16991 | 28 | 8 | 03 | 1 |
| 405 | 189 | 82915 | | | 085 | 04994 | | | 475 | 17996 | | | 03 | 1 |
| 445 | 199 | 78875 | 27 | 8 | 108 | 01990 | 07 | 8 | | | | | 03 | 1 |
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| 493 | 161 | 89994 | 33 | 18 | 033 | 08998 | 33 | 18 | 468 | 11997 | 27 | 8 | 03 | 1 |
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| 520 | | | | | | | | | | | | | | |
| 528 | 194 | | | | | | | | | | | | 03 | 1 |
| 534 | 200 | 80832 | | | 097 | 04996 | | | 470 | 21992 | | | 03 | 1 |
| 536 | | | | | | | | | | | | | | |
| 553 | 198 | 79836 | | | 104 | 02997 | | | | | | | 03 | 1 |
| 562 | 184 | 80991 | | | 081 | 04990 | | | 436 | ***** | | | 03 | 1 |
| 576 | 167 | 88967 | | | 047 | 03995 | | | 457 | ***** | | | 03 | 1 |
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| 679 | 178 | 82924 | | | 071 | 05991 | | | | | | | 03 | 1 |
| 681 | 152 | 90990 | 10 | 17 | 019 | 08999 | | | 456 | 10996 | | | 03 | 1 |
| 712 | | | | | | | | | | | | | | |
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| 775 | 136 | 91993 | | | 999 | 10993 | | | 423 | 11990 | | | 03 | 1 |
| 785 | 143 | 91990 | 24 | 33 | 006 | 10991 | 23 | 23 | | | | | 03 | 1 |
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| 816 | 042 | 94994 | | | 918 | 95996 | | | 423 | 98991 | | | 03 | 1 |
| 826 | 101 | 53 | | | | | | | | | | | 03 | 1 |
| 836 | 117 | 84947 | | | 014 | 00990 | | | 466 | 06992 | | | 03 | 1 |
| 867 | 065 | 92991 | | | 940 | 97997 | | | 435 | 00990 | | | 03 | 1 |
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# RADIOSONDE AND RAWINSONDE DATA
## SIGNIFICANT LEVELS

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| 953 | 026 | 50 0 | 948 | 54 0 | 800 | 47**0 | 748 | 42**0 | 03 | 2 |
| 04 | | | | | | | | | | |
| 018 | 008 | 07052 | 837 | 50518 | 665 | 58675 | 598 | 63707 | 03 | 1 |
| 202 | 000 | 11004 | 820 | 04584 | 643 | 56724 | 625 | 55727 | 03 | 1 |

# RADIOSONDE AND RAWINSONDE DATA
## SIGNIFICANT LEVELS

U.S. GOVERNMENT PRINTING OFFICE 1949 826476

| Index No. iii | 1st. 5th. etc. Level PPP | TTTTT ddx | 2nd. 6th. etc. Level PPP | TTTTT ddx | 3rd. 7th. etc. Level PPP | TTTTT ddx | 4th. 8th. etc. Level PPP | TTTTT ddx | Hour GG | Code Type |
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| 47 | | | | | | | | | | |
| 401 | 613 | 04541 | 411 | 63748 | 221 | 93990 | 080 | 00957 | 03 | 1 |
| 412 | 795 | 14087 | 645 | 08012 | 448 | 56688 | 400 | 63747 | 03 | 1 |
| 580 | 682 | 07027 | 443 | 54708 | 400 | 66799 | 267 | 90990 | 03 | 1 |
| 590 | 600 | 01598 | 400 | 69765 | 333 | 78884 | 143 | 01998 | 03 | 1 |
| 600 | 592 | 03534 | 473 | 57645 | 409 | 62697 | 333 | 75817 | 03 | 1 |
| 635 | 482 | 60753 | 455 | 62748 | 400 | 68792 | 350 | 75864 | 03 | 1 |
| 646 | 568 | 02607 | 400 | 66760 | 264 | 88990 | 240 | 90998 | 03 | 1 |
| 671 | | | | | | | | | | |
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| 778 | 440 | 57686 | 412 | 65765 | 275 | 79882 | 176 | 01994 | 03 | 1 |
| 808 | 562 | 02003 | 400 | 60654 | 253 | 79877 | 177 | 96997 | 03 | 1 |
| 827 | 577 | 53571 | 537 | 56596 | 524 | 56593 | 435 | 64701 | 05 | 1 |
| 931 | 728 | 12095 | 586 | 02662 | 444 | 71651 | 420 | 61688 | 03 | 1 |
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| 155 | 850 | 19061 | 810 | 17028 | 790 | 16004 | 778 | 16004 | 02 | 8 |
| 390 | 815 | 24023 | 730 | 16540 | 620 | 03645 | 582 | 52672 | 02 | 8 |
| 570 | 734 | 15691 | 630 | 01745 | 613 | 50761 | 514 | 63863 | 02 | 5 |
| 61 | | | | | | | | | | |
| 642 | 769 | 14081 | 669 | 08025 | 583 | 02558 | 500 | 52600 | 07 | 5 |
| 62 | | | | | | | | | | |
| 011 | 563 | 53990 | 525 | 53991 | 450 | 61995 | 430 | 62997 | 09 | 5 |
| 70 | | | | | | | | | | |
| 026 | 665 | 55644 | 607 | 59754 | 583 | 60678 | 560 | 62686 | 03 | 1 |
| 133 | 326 | 90950 | 256 | 02996 | 229 | 04995 | 028 | 89990 | 03 | 1 |
| 200 | 260 | 02992 | 168 | 91992 | 128 | 97999 | | | 03 | 1 |
| 204 | | | | | | | | | | |
| 219 | 535 | 66773 | 523 | 66781 | 425 | 76891 | 400 | 78875 | 03 | 1 |
| 231 | 362 | 58984 | 242 | 05997 | 226 | 02996 | | | 03 | 1 |
| 261 | 570 | 57689 | 432 | 73877 | 400 | 77996 | 320 | 90990 | 03 | 1 |
| 273 | 654 | 53596 | 460 | 70798 | 400 | 77882 | 336 | 87973 | 03 | 1 |
| 291 | 670 | 01703 | 582 | 57675 | 463 | 69859 | 400 | 77992 | 03 | 1 |
| 316 | | | | | | | | | | |
| 350 | 400 | 76857 | 358 | 81918 | 308 | 89996 | 147 | 00998 | 04 | 1 |
| 361 | 723 | 02603 | 680 | 00673 | 613 | 54657 | 567 | 58684 | 03 | 1 |
| 381 | 795 | 06526 | 746 | 06594 | 657 | 51638 | 633 | 51559 | 03 | 1 |
| 398 | 101 | 55 | | | | | | | 03 | 1 |
| 409 | | | | | | | | | | |
| 439 | | | | | | | | | | |
| 454 | 204 | 00994 | 075 | 86994 | 101 | 55*** | | | 03 | 1 |
| 485 | | | | | | | | | | |
| 72 | | | | | | | | | | |
| 202 | 436 | 62729 | 400 | 67736 | 274 | 87987 | 170 | 14991 | 03 | 1 |
| 208 | 358 | 71792 | 268 | 88941 | 146 | 19997 | 120 | 24990 | 03 | 1 |
| 211 | 265 | 89934 | 158 | 17991 | 125 | 23993 | 108 | 22993 | 03 | 1 |
| 219 | 560 | 01707 | 400 | 65997 | 343 | 74881 | 326 | 76871 | 03 | 1 |
| 231 | | | | | | | | | | |
| 240 | 542 | 54626 | 400 | 69793 | 328 | 78917 | 160 | 17992 | 03 | 1 |
| 250 | 834 | 19092 | 795 | 16518 | 767 | 14026 | 660 | 07592 | 03 | 1 |
| 253 | 465 | 60673 | 425 | 62744 | 400 | 65726 | 338 | 74869 | 03 | 1 |
| 259 | 430 | 62994 | 101 | 55 | | | | | 03 | 1 |
| 265 | 592 | 03523 | 532 | 52577 | 493 | 57702 | 479 | 58645 | 03 | 1 |
| 270 | 550 | 51574 | 504 | 56646 | 495 | 55652 | 470 | 58698 | 04 | 1 |
| 278 | 400 | 67993 | 150 | 14998 | | | | | 03 | 1 |
| 304 | 775 | 12060 | 576 | 50595 | 538 | 55619 | 525 | 54635 | 03 | 1 |
| 317 | 140 | 20992 | 118 | 20995 | 080 | 17992 | | | 03 | 1 |
| 327 | 557 | 00701 | 436 | 62791 | 400 | 67835 | 150 | 18998 | 03 | 1 |
| 340 | 792 | 17102 | 529 | 53579 | 478 | 57641 | 440 | 60761 | 04 | 1 |
| 353 | 160 | 14990 | 136 | 18996 | | | | | 03 | 1 |
| 365 | 342 | 74884 | 388 | 77864 | 314 | 79928 | 148 | 20990 | 03 | 1 |
| 386 | 400 | 73995 | 203 | 05994 | | | | | 03 | 1 |
| 394 | 874 | 84534 | 780 | 10515 | 400 | 72992 | 248 | 01995 | 03 | 1 |
| 405 | 718 | 08064 | 690 | 07628 | 665 | 07671 | 637 | 04540 | 03 | 1 |
| 445 | 246 | 89007 | 154 | 13993 | | | | | 03 | 1 |
| 451 | 392 | 66723 | 367 | 70833 | 258 | 89979 | 128 | 24997 | 03 | 1 |
| 476 | 534 | 53672 | 505 | 54737 | 400 | 68997 | 334 | 80997 | 03 | 1 |
| 486 | 312 | 88994 | 138 | 08995 | | | | | 03 | 1 |
| 493 | 400 | 71999 | 198 | 09992 | 163 | 04992 | 090 | 13991 | 03 | 1 |
| 506 | 816 | 08606 | 781 | 07668 | 616 | 00993 | 520 | 60996 | 03 | 1 |
| 518 | 553 | 53998 | 508 | 60771 | 433 | 69831 | 400 | 72887 | 03 | 1 |
| 520 | | | | | | | | | | |
| 528 | 768 | 11616 | 729 | 10577 | 664 | 06544 | 635 | 05664 | 03 | 1 |
| 534 | 257 | 90933 | 139 | 20993 | 116 | 23991 | 070 | 12993 | 03 | 1 |
| 536 | 594 | 01537 | 480 | 57612 | 440 | 60774 | 400 | 66997 | 03 | 1 |
| 553 | 400 | 65681 | 248 | 90942 | 145 | 16997 | | | 03 | 1 |
| 562 | 450 | 63662 | 421 | 64722 | 400 | 66739 | 358 | 72775 | 03 | 1 |
| 576 | 226 | 01995 | 130 | 15991 | 116 | 12999 | | | 03 | 1 |
| 597 | 538 | 57748 | 432 | 69844 | 400 | 73815 | 308 | 88989 | 03 | 1 |
| 600 | 400 | 65813 | 157 | 14998 | 101 | 58*** | | | 03 | 1 |
| 606 | 782 | 06605 | 586 | 54703 | 444 | 70844 | 427 | 72811 | 03 | 1 |
| 655 | 525 | 55732 | 462 | 60621 | 400 | 66695 | 359 | 71778 | 03 | 1 |
| 662 | 555 | 54707 | 516 | 56736 | 400 | 70997 | 270 | 89995 | 03 | 1 |
| 679 | | | | | | | | | | |
| 681 | 164 | 03996 | 098 | 11990 | 068 | 08990 | | | 03 | 1 |
| 712 | 592 | 55672 | 447 | 71836 | 400 | 76837 | 382 | 78849 | 03 | 1 |
| 734 | 800 | 13086 | 746 | 11061 | 727 | 11031 | 680 | 08532 | 03 | 1 |
| 747 | 596 | 02990 | 538 | 54725 | 464 | 63773 | 425 | 67752 | 03 | 1 |
| 764 | 736 | 08647 | 612 | 00631 | 512 | 62672 | 486 | 62755 | 03 | 1 |
| 768 | 400 | 74992 | 308 | 89998 | 184 | 04992 | | | 03 | 1 |
| 775 | 604 | 52724 | 568 | 53996 | 505 | 61785 | 479 | 63744 | 03 | 1 |
| 785 | 546 | 55655 | 400 | 73862 | 311 | 88007 | 208 | 10997 | 03 | 1 |
| 798 | 878 | 15048 | 800 | 11624 | 796 | 10537 | 679 | 02674 | 03 | 1 |
| 807 | 568 | 00998 | 458 | 63785 | 436 | 63668 | 400 | 67697 | 02 | 1 |
| 815 | 400 | 69810 | 350 | 74995 | 265 | 90990 | 101 | 58*** | 03 | 1 |
| 816 | 615 | 58738 | 400 | 80995 | 334 | 90990 | 250 | 01994 | 03 | 1 |
| 826 | 733 | 04662 | 704 | 01673 | 591 | 53991 | 563 | 56994 | 03 | 1 |
| 836 | 741 | 04001 | 731 | 04537 | 686 | 03501 | 618 | 50544 | 03 | 1 |
| 867 | 670 | 53628 | 597 | 59671 | 584 | 59653 | 480 | 69732 | 03 | 1 |
| 879 | 621 | 56582 | 580 | 58693 | 400 | 79882 | 240 | 04993 | 03 | 1 |
| 896 | 572 | 58745 | 400 | 75776 | 305 | 89926 | 100 | 01993 | 03 | 1 |
| 906 | 726 | 51696 | 668 | 54990 | 628 | 57741 | 480 | 63653 | 03 | 1 |
| 907 | 646 | 54543 | 575 | 68601 | 426 | 73811 | 400 | 75838 | 03 | 1 |
| 909 | 665 | 53555 | 636 | 53565 | 400 | 77771 | 310 | 90910 | 03 | 1 |
| 913 | 842 | 03001 | 750 | 52594 | 727 | 52616 | 652 | 57705 | 03 | 1 |
| 915 | 790 | 00505 | 738 | 53556 | 598 | 61747 | 553 | 66683 | 03 | 1 |
| 917 | 334 | 90943 | 274 | 00992 | 240 | 91992 | 144 | 90994 | 03 | 1 |
| 918 | 560 | 72795 | 400 | 90984 | 310 | 02994 | 233 | 93991 | 03 | 1 |
| 924 | 400 | 86996 | 367 | 90990 | 188 | 88998 | | | 03 | 1 |
| 926 | 400 | 81854 | 320 | 93990 | 088 | 88996 | | | 03 | 1 |
| 934 | 400 | 78814 | 227 | 08993 | 188 | 00990 | 090 | 97996 | 03 | 1 |
| 938 | | | | | | | | | | |
| 945 | 815 | 07017 | 669 | 53551 | 654 | 53587 | 630 | 54584 | 03 | 1 |
| 964 | 541 | 62743 | 400 | 80900 | 350 | 87961 | 101 | 58*** | 03 | 1 |
| 968 | 560 | 62777 | 546 | 62747 | 400 | 77844 | 224 | 03992 | 03 | 1 |
| 74 | | | | | | | | | | |
| 043 | 681 | 54604 | 644 | 56703 | 536 | 64744 | 514 | 66816 | 03 | 1 |
| 072 | 340 | 96992 | 226 | 88997 | 110 | 91995 | | | 03 | 1 |
| 074 | 645 | 54652 | 642 | 62620 | 603 | 63704 | 579 | 65704 | 03 | 1 |
| 090 | | | | | | | | | | |
| 109 | 779 | 08512 | 622 | 51571 | 610 | 52614 | 559 | 55602 | 03 | 1 |
| 76 | | | | | | | | | | |
| 458 | 768 | 19906 | 736 | 17055 | 656 | 09039 | 533 | 53611 | 02 | 1 |
| 491 | 718 | 10015 | 684 | 07604 | 659 | 05553 | 586 | 50664 | 02 | 1 |
| 644 | 723 | 11035 | 622 | 02558 | 570 | 51541 | 400 | 66705 | 02 | 1 |
| 679 | 421 | 65851 | 409 | 65696 | 400 | 67731 | 376 | 71843 | 03 | 1 |
| 78 | | | | | | | | | | |
| 016 | 580 | 58 5 | 470 | 66994 | 424 | 69823 | 400 | 73758 | 03 | 1 |
| 325 | | | | | | | | | | |
| 395 | 400 | 72990 | 250 | 96993 | | | | | 03 | 1 |
| 501 | 140 | 24993 | | | | | | | 03 | 1 |
| 525 | | | | | | | | | | |
| 806 | 345 | 75824 | 269 | 90990 | 235 | 95992 | | | 03 | 1 |
| 862 | 787 | 05011 | 590 | 50634 | 400 | 70996 | 270 | 90990 | 03 | 1 |
| 967 | 219 | 00994 | | | | | | | 03 | 1 |
| 91 | | | | | | | | | | |
| 066 | 722 | 13520 | 648 | 09624 | 556 | 51586 | 526 | 54644 | 03 | 1 |
| 115 | | | | | | | | | | |
| 182 | 669 | 05539 | 609 | 01658 | 596 | 02656 | 588 | 02996 | 03 | 1 |
| 215 | 434 | 63747 | 400 | 66786 | 262 | 90990 | 140 | 17991 | 03 | 1 |
| 334 | | | | | | | | | | |
| 366 | 400 | 64998 | 272 | 84996 | 136 | 20995 | 095 | 22995 | 03 | 1 |
| 413 | | | | | | | | | | |
| 98 | | | | | | | | | | |
| 645 | 447 | 59995 | 258 | 88996 | 107 | 27999 | 096 | 20990 | 03 | 8 |
| QLL | | OCEAN | STA | | | | | | | |
| 034 | 427 | 68761 | 290 | 89005 | 184 | 08998 | 102 | 17992 | 03 | 9 |
| 035 | | | | | | | | | | |
| 037 | 746 | 10897 | 598 | 01995 | 400 | 73996 | 294 | 90990 | 04 | 9 |
| 044 | 783 | 10062 | 613 | 50641 | 559 | 52656 | 534 | 55730 | 03 | 9 |
| 051 | 330 | 97807 | 397 | 97870 | 085 | 32**0 | | | 02 | 2 |
| 053 | 634 | 53627 | 616 | 53625 | 556 | 61671 | 544 | 58612 | 03 | 9 |
| 055 | 370 | 89975 | 283 | 00998 | 112 | 96998 | | | 04 | 9 |
| 062 | | | | | | | | | | |
| 063 | 420 | 81941 | 255 | 91996 | 074 | 98994 | | | 03 | 9 |
| 121 | 576 | 05998 | 400 | 64996 | | | | | 03 | 9 |
| 133 | 901 | 18529 | 614 | 92656 | 400 | 72995 | 170 | 04997 | 03 | 9 |
| 134 | 766 | 11617 | 518 | 55995 | | | | | 03 | 9 |
| 143 | 472 | 71857 | 400 | 81996 | 368 | 85935 | 340 | 90962 | 03 | 9 |
| 144 | 594 | 58679 | 505 | 65829 | 500 | 78994 | 313 | 90990 | 03 | 9 |
| 223 | 371 | 59 | 284 | 70 | 237 | 77*** | 121 | 07*** | 02 | 1 |
| 235 | 255 | 80 | 153 | 06 | 105 | 12*** | | | 02 | 9 |
| 237 | 650 | 02534 | 556 | 52995 | 101 | 58*** | | | 03 | 9 |
| 246 | | | | | | | | | | |
| 360 | 893 | 12031 | 810 | 11020 | 682 | 00594 | 665 | 00592 | 03 | 5 |
| 01 | | | | | | | | | | |
| 001 | | | | | | | | | | |
| 030 | 400 | 74815 | 205 | 11 0 | 190 | 10**8 | 170 | 03**0 | 03 | 8 |
| 384 | 400 | 75856 | 265 | 99 | 240 | 04*** | | | 03 | 5 |
| 415 | 840 | 12514 | 743 | 07571 | 720 | 07572 | 400 | 76896 | 03 | 8 |
| 02 | | | | | | | | | | |
| 057 | 535 | 57718 | 458 | 67793 | | | | | 03 | 8 |
| 077 | 419 | 68787 | 209 | 05999 | 172 | 10991 | 150 | 03991 | 03 | 5 |
| 084 | 755 | 08012 | 700 | 03523 | 672 | 03551 | 258 | 96998 | 03 | 8 |
| 974 | 795 | 06535 | 690 | 00571 | 603 | 53607 | 568 | 57635 | 03 | 2 |
| 03 | | | | | | | | | | |
| 005 | | | | | | | | | | |
| 026 | | | | | | | | | | |
| 171 | 817 | 50250 | 770 | 50250 | 533 | 23810 | 175 | 18**0 | 02 | 7 |
| 476 | 862 | 54430 | 681 | 30120 | 222 | 32**0 | 203 | 35**0 | 02 | 2 |
| 743 | | | | | | | | | | |
| 808 | | | | | | | | | | |
| 917 | | | | | | | | | | |
| 953 | 718 | 44 0 | 196 | 21 0 | 185 | 25**0 | 170 | 24**0 | 03 | 2 |
| 04 | | | | | | | | | | |
| 018 | 468 | 76874 | 400 | 84994 | 360 | 89998 | 324 | 93999 | 03 | 1 |
| 202 | 400 | 79929 | 341 | 88999 | 133 | 07996 | 133 | 92995 | 03 | 1 |

## RADIOSONDE AND RAWINSONDE DATA

| Index No. iii | Station Name | 1000 mb. hhh | TTTTT ddx | dd | ff | 850 mb. hhh | TTTTT ddx | dd | ff | 700 mb. hhh | TTTTT ddx | dd | ff | 500 mb. hhh | TTTTT ddx | dd | ff | Hour GG | Code Type |
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| 231 | SDR STROMFRD | 015 | 07512 | 04 | 15 | 452 | 02641 | 21 | 14 | 957 | 54616 | 26 | 13 | 802 | 69764 | 29 | 25 | 03 | 1 |
| 270 | NARSSARSSUAK | 034 | 06045 | 00 | | 460 | 01518 | 00 | | 983 | 51674 | 28 | 20 | 823 | 37720 | 29 | 25 | 03 | 1 |
| 360 | ANGMAGSSALIK | 040 | | | | 352 | 51510 | 08 | 2 | 884 | 59620 | 32 | 14 | 462 | 71800 | 32 | 30 | 03 | 5 |
| | BLOCK 06 | | | | | | | | | | | | | | | | | | |
| 180 | KOBENHAVN | 183 | 17124 | 15 | 13 | 553 | 08044 | 09 | 7 | 137 | 04531 | 05 | 18 | 790 | 62706 | 05 | 32 | 03 | 5 |
| 260 | DE BILT | 214 | 11091 | | | 568 | 12552 | | | 169 | 03549 | | | 832 | 62731 | | | 03 | 8 |
| 447 | UCCLE | 199 | 10091 | | | 553 | 12543 | | | 150 | 03590 | | | 792 | 62735 | | | 03 | 8 |
| | BLOCK 07 | | | | | | | | | | | | | | | | | | |
| 110 | BREST | 195 | 14123 | 04 | 12 | 570 | 10052 | 08 | 15 | 170 | 03574 | 06 | 15 | 810 | 64778 | 08 | 12 | 02 | 5 |
| 145 | TRAPPES | 188 | 12108 | | | 500 | 09022 | | | 128 | 50699 | | | 747 | 64822 | | | 02 | 8 |
| 190 | STRASBOURG | 181 | 15121 | | | 570 | 10061 | | | 144 | 50555 | | | 767 | 65745 | | | 02 | 8 |
| 480 | LYON | 150 | | | | 550 | 15088 | | | 169 | 06531 | | | 833 | 62702 | | | 02 | 8 |
| 510 | BORDEAUX | 151 | 19145 | 05 | 4 | 560 | 15033 | 22 | 9 | 160 | 04539 | 27 | 4 | 805 | 64742 | 22 | 16 | 02 | 5 |
| 645 | NIMES | 147 | 21168 | 01 | 3 | 560 | 16111 | 31 | 9 | 182 | 05005 | 29 | 16 | 854 | 60658 | 27 | 51 | 02 | 5 |
| | BLOCK 08 | | | | | | | | | | | | | | | | | | |
| 509 | LAGENS | 089 | 18163 | 36 | 16 | 541 | 11108 | 03 | 16 | 068 | 04601 | 02 | 25 | 943 | 59726 | 02 | 38 | 03 | 1 |
| 521 | FUNCHAL | 159 | 18117 | | | 531 | 08067 | | | 110 | 51542 | | | 738 | 64809 | | | 14 | 8 |
| 536 | PORTELA | 125 | 23106 | | | 511 | 11066 | | | 118 | 05657 | | | 775 | 63785 | | | 14 | 8 |
| | BLOCK 10 | | | | | | | | | | | | | | | | | | |
| 034 | SCHLESWIG | 063 | 54530 | 31 | 6 | 512 | 48400 | 30 | 6 | 032 | 38210 | 03 | 25 | 902 | 09850 | 04 | 39 | 02 | 2 |
| 338 | HANNOVER | 064 | 51480 | 30 | 10 | 508 | 50370 | 37 | 5 | 026 | 30180 | 01 | 11 | 888 | 05880 | 03 | 35 | 02 | 2 |
| 384 | TEMPELHOF | 145 | 15131 | 34 | 10 | 540 | 08011 | 01 | 10 | 111 | 53549 | 36 | 12 | 710 | 65999 | 06 | 22 | 03 | 5 |
| 419 | ISERLOHN | | | | | 513 | 50170 | 29 | 4 | 033 | 32770 | 01 | 9 | 892 | 03730 | 03 | 30 | 02 | 2 |
| 633 | WIESBADEN | 193 | 14112 | 01 | 4 | 559 | 08058 | 32 | 3 | 141 | 50612 | 35 | 8 | 755 | 65993 | 03 | 27 | 03 | 5 |
| 866 | MUNCHEN RIEM | 184 | 99999 | 99 | 99 | 546 | 08036 | 36 | 3 | 120 | 52566 | 86 | 14 | 708 | 67798 | 31 | 24 | 03 | 5 |
| | BLOCK 11 | | | | | | | | | | | | | | | | | | |
| 030 | TULLN | 172 | 11118 | 30 | 4 | 510 | 06047 | 35 | 12 | 077 | 53546 | 32 | 17 | 661 | 68742 | 30 | 16 | 03 | 5 |
| 567 | PRAHA KBELY | 174 | | | | 560 | 11093 | | | 135 | 50524 | | | 766 | 64693 | | | 05 | 5 |
| | BLOCK 16 | | | | | | | | | | | | | | | | | | |
| 596 | ORENDI | | | | | 516 | 77250 | 35 | 30 | 057 | 34100 | 32 | 31 | 463 | 33150 | 23 | 35 | 02 | 2 |
| | BLOCK 17 | | | | | | | | | | | | | | | | | | |
| 606 | NICOSIA | | | | | 454 | 81410 | | | 008 | 51110 | | | 904 | 17654 | | | 02 | 7 |
| | BLOCK 40 | | | | | | | | | | | | | | | | | | |
| 427 | BAHREIN | 508 | | | | 473 | 88500 | 29 | 15 | 028 | 59290 | 30 | 24 | 922 | 17020 | 30 | 25 | 14 | 2 |
| 648 | HABBANIYA | 058 | | | | 466 | 82300 | 36 | 5 | 014 | 54560 | 25 | 19 | 807 | 27650 | 23 | 12 | 02 | 2 |
| | BLOCK 42 | | | | | | | | | | | | | | | | | | |
| 182 | NEW DELHI | 503 | | | | 141 | 21180 | | | 305 | 09080 | | | 579 | 55*** | | | 15 | 8 |
| 339 | JODHPUR | 502 | | | | 144 | 23210 | | | 310 | 13*** | | | 583 | 55*** | | | 15 | 8 |
| 475 | BAMRAULI AL | 501 | | | | 142 | 20150 | | | 307 | 11500 | | | 581 | 53*** | | | 15 | 8 |
| 807 | CALCUTTA | 000 | | | | 142 | 20180 | | | 307 | 10100 | | | 581 | 53530 | | | 15 | 8 |
| 867 | NAGPUR | 001 | | | | 145 | 22190 | | | 311 | 11090 | | | 584 | 55*** | | | 14 | 8 |
| 909 | VERAVAL | 002 | 28260 | | | 144 | 17140 | | | 309 | 13020 | | | 583 | 54*** | | | 14 | 8 |
| | BLOCK 43 | | | | | | | | | | | | | | | | | | |
| 063 | POONA | 004 | | | | 147 | 19180 | | | 313 | 11100 | | | 588 | 52*** | | | 14 | 8 |
| 149 | VIZAGAPATAM | 002 | | | | 146 | 23170 | | | 313 | 09090 | | | 585 | 57570 | | | 14 | 8 |
| 279 | MADRAS | 004 | 28240 | | | 147 | 21160 | | | 313 | 09060 | | | 585 | 55*** | | | 14 | 8 |
| 371 | TRIVANDRUM | 008 | 26240 | | | 150 | 17130 | | | 315 | 11030 | | | 587 | 55*** | | | 15 | 8 |
| | BLOCK 45 | | | | | | | | | | | | | | | | | | |
| 007 | KAI TAK | 005 | 25240 | | | 146 | 18180 | | | 310 | 09080 | | | 585 | 52**0 | | | 22 | 8 |
| | BLOCK 47 | | | | | | | | | | | | | | | | | | |
| 401 | WAKKANAI | 031 | 14114 | | | 476 | 12083 | | | 002 | 07512 | | | 884 | 57649 | | | 03 | 1 |
| 412 | SAPPORO OCMO | 032 | 20133 | | | 482 | 11087 | | | 007 | 06014 | | | 890 | 59703 | | | 03 | 1 |
| 580 | MISAWA | 029 | 20169 | 11 | 4 | 842 | 13076 | 26 | 10 | 014 | 08996 | 26 | 18 | 912 | 53996 | 30 | 18 | 03 | 1 |
| 590 | SENDAI OCMO | 033 | 20172 | | | 484 | 14093 | | | 016 | 07524 | | | 903 | 55656 | | | 03 | 1 |
| 600 | WAJIMA | 032 | 20138 | | | 484 | 15505 | | | 016 | 07594 | | | 902 | 55704 | | | 03 | 1 |
| 635 | NAGOYA | 035 | 27201 | 00 | | 501 | 19065 | 28 | 5 | 041 | 09015 | 30 | 27 | 041 | 09011 | 27 | 15 | 04 | 1 |
| 646 | TATENO | 040 | 26193 | | | 496 | 15122 | | | 038 | 07002 | | | 924 | 56641 | | | 03 | 1 |
| 671 | TOKYO | 030 | 26218 | 09 | 6 | 496 | 18167 | 11 | 9 | 036 | 10507 | 23 | 9 | 936 | 53623 | 26 | 18 | 03 | 1 |
| 744 | YONAGO | 027 | 24221 | | | 491 | 19174 | | | 029 | 11064 | | | 924 | 51537 | | | 03 | 1 |
| 808 | ITAZUKE | 026 | 26227 | 16 | 5 | 491 | 17165 | 24 | 25 | 028 | 08034 | 24 | 34 | 914 | 55658 | 25 | 39 | 03 | 1 |
| 827 | KAGOSHIMA | 027 | 28240 | 26 | 14 | 489 | 18135 | 25 | 24 | 024 | 10034 | 29 | 34 | 918 | 51707 | | | 03 | 1 |
| 931 | KADENA OKINW | 101 | 59 | | | | | | | *** | ***** | | | *** | ***** | | | 03 | 1 |
| | BLOCK 60 | | | | | | | | | | | | | | | | | | |
| 120 | PORT LYAUTEY | 035 | 19154 | | | 492 | 20073 | | | *** | ***** | | | *** | ***** | | | 03 | 6 |
| 155 | CASABLANCA | 136 | 19165 | 03 | 11 | 510 | 16063 | 12 | 6 | 144 | 05511 | | | 812 | 61612 | | | 02 | 5 |
| 390 | M BLANCHE | 127 | 22220 | | | 560 | 25017 | | | 211 | 11768 | | | 888 | 64918 | | | 02 | 8 |
| 570 | COLOMB | 076 | | | | 530 | 25601 | | | 168 | 08732 | | | 822 | 62891 | | | 02 | 5 |
| 715 | TUNIS | 136 | 19165 | | | 510 | 16063 | | | 144 | 05511 | | | 812 | 61613 | | | 02 | 8 |
| | BLOCK 61 | | | | | | | | | | | | | | | | | | |
| 642 | DAKAR OUAKAM | 122 | 24224 | | | 530 | 12104 | | | 155 | 07032 | | | 835 | 60609 | | | 07 | 8 |
| | BLOCK 70 | | | | | | | | | | | | | | | | | | |
| 026 | BARROW | 051 | 07023 | 26 | 20 | 484 | 00524 | 21 | 25 | 988 | 56728 | 21 | 39 | 825 | 72834 | 21 | 38 | 03 | 1 |
| 133 | KOTZEBUE | 053 | 08019 | 20 | 10 | 485 | 52556 | | | 990 | 55698 | | | 835 | 68825 | | | 03 | 1 |
| 200 | NOME | | | | | | | | | 990 | ***** | | | *** | ***** | | | 03 | 1 |
| 219 | BETHEL | 050 | 14081 | 03 | 9 | 492 | 05033 | | | 006 | 52533 | | | 858 | 67717 | | | 03 | 1 |
| 231 | MCGRATH | 051 | 21087 | 30 | 4 | 502 | 08023 | 20 | 10 | 018 | 52633 | 17 | 17 | 870 | 68759 | 17 | 24 | 03 | 1 |
| 261 | FRBNKS WEEKS | 047 | 26087 | 35 | 4 | 506 | 12026 | 34 | 6 | 029 | 01614 | 14 | 2 | 889 | 65802 | 19 | 16 | 03 | 1 |
| 273 | ANCH MERRILL | 055 | 17110 | 28 | 5 | 505 | 09022 | 12 | 18 | 024 | 50603 | 13 | 11 | 880 | 66802 | 14 | 22 | 03 | 1 |
| 350 | KODIAK | 055 | 08085 | | | 490 | 05043 | | | 022 | 52558 | | | 848 | 68741 | | | 03 | 1 |
| 361 | YAKUTAT | 062 | 18062 | 33 | 4 | 509 | 07523 | 18 | 12 | 025 | 50607 | 12 | 12 | 877 | 68801 | 11 | 18 | 03 | 1 |
| 381 | JUNEAU | 057 | 99999 | 11 | 1 | 507 | 09011 | 16 | 5 | 025 | 50676 | 12 | 14 | 881 | 66697 | | | 03 | 1 |
| 398 | ANNETTE IS | 066 | 12121 | | | 506 | 06053 | | | 022 | 51557 | | | 881 | 61994 | | | 04 | 1 |
| 409 | MASSACRE BAY | 029 | 09061 | | | 469 | 07010 | | | 989 | 01545 | | | 847 | 63733 | | | 03 | 1 |
| 454 | LONGVIEW | 034 | 09062 | 10 | 8 | 469 | 04522 | 36 | 10 | 983 | 50684 | 36 | 9 | 846 | 62999 | | | 03 | 1 |
| 485 | FORT GLENN | 101 | 43 | | | | | | | *** | ***** | | | *** | ***** | | | 03 | 1 |
| | BLOCK 72 | | | | | | | | | | | | | | | | | | |
| 202 | MIAMI | 050 | 26222 | 20 | 4 | 517 | 18144 | 06 | 8 | 056 | 09051 | 07 | 9 | 947 | 57601 | 05 | 24 | 03 | 1 |
| 208 | CHARLESTON | 058 | 23182 | 05 | 13 | 517 | 16080 | 04 | 11 | 055 | 11003 | 04 | 11 | 950 | 53687 | 04 | 23 | 03 | 1 |
| 211 | TAMPA | 052 | 26225 | 06 | 12 | 516 | 17122 | 04 | 11 | 052 | 08043 | 04 | 14 | 941 | 56612 | 05 | 26 | 03 | 1 |
| 219 | ATLANTA | 059 | | | | 523 | 18168 | 17 | 5 | 062 | 09061 | 03 | 7 | 957 | 54716 | | | 03 | 1 |
| 240 | LAKE CHARLES | 054 | 26228 | | | 519 | 17135 | | | 056 | 07038 | | | 944 | 57691 | | | 03 | 1 |
| 250 | BROWNSVILLE | 048 | 26221 | 14 | 12 | 514 | 18127 | 14 | 25 | 053 | 08034 | 13 | 24 | 943 | 56614 | 13 | 23 | 03 | 1 |
| 253 | SAN ANTONIO | 049 | | | | 518 | 19155 | 15 | 14 | 059 | 10043 | 14 | 13 | 951 | 55687 | 13 | 13 | 03 | 1 |
| 259 | FT WORTH | 050 | | | | 516 | 19112 | 17 | 9 | 054 | 07577 | 06 | 5 | 939 | 57668 | 15 | 10 | 03 | 1 |
| 265 | BIG SPRING | 037 | | | | 516 | 24108 | 13 | 16 | 060 | 09042 | 04 | 9 | 944 | 56737 | 08 | 10 | 03 | 1 |
| 270 | EL PASO | 028 | | | | 506 | 24102 | 10 | 14 | 048 | 09042 | 11 | 12 | 937 | 55618 | | | 03 | 1 |
| 278 | PHOENIX | 024 | | | | 502 | 26108 | 09 | 11 | 050 | 12009 | 02 | 3 | 942 | 57601 | | | 03 | 1 |
| 304 | HATTERAS | 058 | 22159 | 06 | 10 | 512 | 10074 | 08 | 11 | 044 | 09996 | 05 | 9 | 934 | 54714 | 36 | 16 | 03 | 1 |
| 317 | GREENSBORO | 063 | | | | 524 | 15129 | 26 | 11 | 061 | 09068 | 33 | 15 | 954 | 55617 | 32 | 9 | 04 | 1 |
| 327 | NASHVILLE | 050 | | | | 518 | 20145 | 25 | 11 | 060 | 10058 | 29 | 10 | 956 | 54608 | 29 | 11 | 03 | 1 |
| 340 | LITTLE ROCK | 049 | 29243 | 04 | 4 | 521 | 21124 | 15 | 12 | 062 | 10058 | 30 | 4 | 957 | 56641 | 24 | 5 | 03 | 1 |
| 353 | OKLAHOMA CTY | 050 | | | | 515 | 18154 | 24 | 3 | 055 | 10041 | 37 | 17 | 947 | 55621 | 24 | 5 | 03 | 1 |
| 365 | ALBUQUERQUE | 035 | | | | 513 | | | | 060 | 10058 | 09 | 14 | 953 | 56636 | 04 | 11 | 03 | 1 |
| 386 | LAS VEGAS | 012 | | | | 498 | 30031 | 24 | 10 | 051 | 13528 | 22 | 6 | 938 | 58996 | | | 04 | 1 |
| 394 | SANTA MARIA | 043 | 13106 | 31 | 8 | 504 | 24517 | 33 | 10 | 048 | 09547 | 05 | 6 | 939 | 56995 | 26 | 10 | 03 | 1 |
| 405 | WASHINGTON | 059 | 21164 | 17 | 16 | 514 | 15624 | 22 | 13 | 050 | 09022 | 26 | 10 | 936 | 57612 | 29 | 9 | 03 | 1 |
| 445 | COLUMBIA | 049 | | | | 517 | 19153 | 06 | 15 | 056 | 08064 | 04 | 12 | 947 | 55572 | 01 | 7 | 03 | 1 |
| 451 | DODGE CITY | 052 | | | | 520 | 18156 | 07 | 23 | 059 | 09036 | 06 | 10 | 953 | 53608 | 03 | 4 | 03 | 1 |
| 476 | GRAND JUNC | 052 | | | | 523 | 18142 | 10 | 4 | 064 | 11013 | 17 | 3 | 955 | 57607 | 28 | 19 | 04 | 1 |
| 486 | ELY | 039 | | | | 508 | | | | 052 | 13541 | 19 | 3 | 943 | 60653 | | | 03 | 1 |
| 493 | OAKLAND | 040 | 11086 | 29 | 11 | 502 | 23994 | 24 | 6 | 048 | 12997 | 15 | 6 | 939 | 58736 | 25 | 7 | 03 | 1 |
| 506 | NANTUCKET | 069 | 18134 | 26 | 20 | 519 | 12625 | 30 | 10 | 048 | 08996 | 21 | 8 | 933 | 58991 | 32 | 9 | 03 | 1 |
| 518 | ALBANY | 054 | 20131 | 16 | 12 | 509 | 13058 | | | 044 | ***** | | | *** | ***** | | | 03 | 1 |
| 520 | PITTSBURGH | 101 | 42 | | | | | | | *** | ***** | | | *** | ***** | | | 03 | 1 |
| 528 | BUFFALO | 035 | | | | 495 | 16148 | | | 033 | 09070 | | | 924 | 54571 | | | 03 | 1 |
| 534 | CHICAGO | 044 | | | | 510 | 17143 | 01 | 13 | 048 | 09559 | 34 | 16 | 941 | 54669 | 32 | 20 | 03 | 1 |
| 536 | TOLEDO | 034 | | | | 497 | 17157 | 32 | 20 | 036 | 09067 | | | 930 | 54587 | | | 03 | 1 |
| 553 | OMAHA | 057 | | | | 523 | 19023 | | | 064 | 11525 | | | 960 | 54990 | | | 03 | 1 |
| 562 | N PLATTE | 058 | | | | 522 | 17107 | 11 | 8 | 061 | 10584 | 07 | 10 | 951 | 55990 | | | 03 | 1 |
| 576 | LANDER | 026 | | | | 503 | | | | 050 | 11017 | 18 | 10 | 938 | 58784 | 24 | 14 | 03 | 1 |
| 597 | MEDFORD | 048 | | | | 510 | 17041 | 30 | 7 | 048 | 08535 | 22 | 9 | 929 | 61758 | 22 | 17 | 03 | 1 |
| 600 | SABLE ISLAND | 075 | 14134 | | | 520 | 08542 | | | 040 | 02623 | | | 908 | 61774 | | | 03 | 1 |
| 606 | PORTLAND | 059 | 17114 | 21 | 20 | 512 | 11053 | 19 | 18 | 040 | 06999 | | | 923 | 58706 | | | 03 | 1 |
| 655 | ST CLOUD | 059 | | | | 512 | 11032 | 34 | 9 | 041 | 08992 | 31 | 19 | 926 | 58992 | 29 | 35 | 03 | 1 |
| 662 | RAPID CITY | 047 | | | | 518 | 22094 | 14 | 30 | 059 | 10001 | 25 | 9 | 947 | 58721 | 25 | 15 | 03 | 1 |
| 681 | BOISE | 028 | | | | 506 | 25037 | 11 | 32 | 052 | 12530 | 20 | 10 | 937 | 62692 | | | 03 | 1 |
| 712 | CARIBOU | 049 | | | | 503 | 13063 | 22 | 23 | 032 | 06991 | 24 | 16 | *** | ***** | | | 03 | 1 |
| 734 | SAULT MARIE | 038 | | | | 488 | 10034 | 31 | 33 | 020 | 08999 | 30 | 20 | 905 | 57991 | 29 | 46 | 03 | 1 |
| 747 | INTL FALLS | 058 | | | | 509 | 08026 | 32 | 20 | 030 | 02686 | 30 | 24 | 930 | 61992 | 30 | 48 | 03 | 1 |
| 764 | BISMARCK | 058 | | | | 518 | 15033 | 30 | 4 | 049 | 05527 | 30 | 33 | 930 | 59724 | 30 | 28 | 03 | 1 |
| 768 | GLASGOW | 054 | | | | 520 | 17039 | 06 | 11 | 052 | 04545 | 07 | 14 | 927 | 62714 | | | 03 | 1 |
| 775 | GREAT FALLS | 034 | | | | 508 | 22055 | 10 | 9 | 050 | 09511 | 23 | 10 | 926 | 62682 | 28 | 17 | 03 | 1 |
| 785 | SPOKANE | 035 | | | | 510 | 24009 | 05 | 5 | 053 | 08554 | 29 | 10 | 934 | 61673 | 25 | 28 | 03 | 1 |
| 798 | TATOOSH IS | 062 | 11111 | 27 | 17 | 513 | 14597 | 31 | 7 | 042 | 05623 | 28 | 8 | 912 | 63991 | 28 | 8 | 03 | 1 |
| 815 | STEPHENVILLE | 064 | 12078 | 00 | | 510 | 10540 | 33 | 8 | 033 | 02634 | 36 | 19 | 900 | 63723 | 36 | 28 | 03 | 1 |
| 816 | GOOSE | 032 | 23119 | 22 | 5 | 498 | 18072 | 25 | 23 | 030 | 04002 | 27 | 17 | 910 | 58664 | 31 | 23 | 03 | 1 |
| 826 | NITCHEQUON | 004 | | | | 459 | 13057 | | | 983 | 00567 | | | *** | ***** | | | 03 | 1 |
| 836 | MOOSONEE | 020 | 10069 | | | 459 | 09052 | | | 981 | 01563 | | | 843 | 63731 | | | 03 | 1 |
| 867 | THE PAS | 052 | | | | 492 | 11067 | | | 021 | 51571 | | | 873 | 66737 | | | 03 | 1 |
| 879 | EDMONTON | 048 | | | | 511 | 15506 | 25 | 4 | 037 | **586 | 31 | 6 | 901 | 64738 | 30 | 22 | 03 | 1 |
| 896 | PRINCE GEORG | 048 | | | | 512 | 16043 | 04 | 4 | 041 | 02532 | 00 | | 901 | 65773 | 23 | 20 | 03 | 1 |
| 906 | FT CHIMO | 010 | 07069 | | | 455 | 0 | | | 987 | 07075 | | | 864 | 56572 | | | 03 | 1 |
| 907 | PORT HARRISN | 020 | 09044 | | | 460 | 04514 | | | 969 | 55642 | | | 817 | 68703 | | | 03 | 1 |
| 909 | UP FROBISHER | 002 | | | | 436 | 03681 | 32 | 13 | 947 | 52661 | 28 | 17 | 801 | 67996 | 25 | 19 | 03 | 1 |
| 913 | CHURCHILL | 039 | 14106 | 35 | 2 | 469 | 04021 | 29 | 18 | 982 | 53578 | 28 | 29 | 828 | 70767 | 28 | 35 | 03 | 1 |
| 915 | CORAL HARBOR | 002 | | | | 426 | 53581 | | | 923 | 61664 | | | 751 | 74855 | | | 03 | 1 |
| 917 | EUREKA | 017 | 06050 | 28 | 9 | 452 | 02015 | 14 | 3 | 960 | 55572 | 20 | 16 | 806 | 67702 | 20 | 13 | 03 | 1 |
| 918 | ARCTIC BAY | 516 | | | | 426 | 54577 | | | 926 | 58726 | | | 755 | 74788 | | | 03 | 1 |
| 924 | RESOLUTE | 505 | | | | 426 | 51522 | 04 | 10 | 932 | 57582 | 06 | 16 | 768 | 71998 | 07 | 26 | 03 | 1 |
| 926 | BAKER LAKE | 019 | 04991 | | | 446 | 54991 | | | 940 | 61990 | | | 775 | 71994 | | | 03 | 1 |
| 934 | FT SMITH | 048 | | | | 498 | 08054 | | | 016 | 50608 | | | 873 | 67723 | | | 03 | 1 |
| 938 | COPPERMINE | 050 | 04006 | | | 480 | 51572 | | | 983 | 55672 | | | 835 | 65766 | | | 02 | 1 |
| 945 | FORT NELSON | 048 | | | | 514 | 17021 | | | 043 | 03595 | | | 909 | 63763 | | | 03 | 1 |
| 964 | WHITEHORSE | 039 | | | | 503 | 14004 | 07 | 10 | 029 | 00542 | 16 | 6 | 881 | 68738 | | | 03 | 1 |
| 968 | AKLAVIK | 052 | 25124 | | | 512 | 17055 | | | 045 | 04554 | | | 922 | 60719 | | | 02 | 1 |
| | BLOCK 74 | | | | | | | | | | | | | | | | | | |
| 043 | NORMAN WELLS | 060 | 74074 | | | 519 | 11007 | | | 041 | 50592 | | | 899 | 66829 | | | 03 | 1 |
| 072 | MOULD BAY | 101 | 58 | | | | | | | *** | ***** | | | *** | ***** | | | 03 | 1 |
| 074 | ISACHSEN | 022 | 01001 | | | 451 | 00 | | | 957 | 56572 | | | 800 | 69835 | | | 03 | 1 |
| 090 | CLYDE RIVER | 510 | | | | 424 | 01506 | 14 | 4 | 930 | 57591 | 15 | 19 | 772 | 71990 | 16 | 23 | 03 | 1 |
| 109 | PORT HARDY | 063 | 15114 | | | 515 | 11069 | | | 035 | 02597 | | | 906 | 61737 | | | 03 | 1 |
| 188 | MINGAN L PT | 046 | 13107 | 02 | 26 | 496 | 12032 | | | 017 | 02992 | | | *** | ***** | | | 03 | 1 |
| | BLOCK 76 | | | | | | | | | | | | | | | | | | |
| 458 | MAZATLAN | 030 | 29223 | | | 500 | 20145 | | | 040 | 10042 | | | 931 | 56606 | | | 02 | 1 |
| 491 | C VICTORIA | 040 | | | | 508 | 16145 | | | 041 | 06011 | | | 926 | 55709 | | | 02 | 1 |
| 679 | TACUBAYA | 026 | | | | 497 | | | | 032 | 10072 | | | 935 | 56560 | | | 03 | 1 |
| | BLOCK 78 | | | | | | | | | | | | | | | | | | |
| 016 | KINDLEY FLD | 101 | 58 | | | | | | | *** | ***** | | | *** | ***** | | | 03 | 1 |
| 325 | HAVANA C B | 045 | 26245 | 02 | 7 | 511 | 18133 | 06 | 10 | 049 | 10022 | 02 | 12 | *** | ***** | | | 03 | 1 |
| 395 | VERNAM FIELD | 040 | 25202 | 05 | 7 | 505 | 18137 | 12 | 16 | 044 | 10011 | 12 | 22 | 930 | 59640 | 13 | 17 | 03 | 1 |
| 501 | SWAN ISLAND | 047 | 24219 | | | 510 | 16142 | | | 044 | 07059 | | | 932 | 58667 | | | 03 | 1 |
| 525 | SAN JUAN | 051 | 23217 | 15 | 9 | 514 | 15136 | 10 | 13 | 047 | 05048 | 13 | 10 | *** | ***** | | | 03 | 1 |
| 862 | COOLIDGE FLD | 052 | 24238 | 09 | 14 | 513 | 15130 | 10 | 17 | 047 | 08522 | 15 | 22 | 928 | 58608 | 15 | 25 | 03 | 1 |
| 972 | WALLER FIELD | 042 | 24223 | 07 | 10 | 504 | 16120 | 08 | 21 | 037 | 06215 | 10 | 43 | 917 | 59998 | 09 | 21 | 03 | 1 |
| | BLOCK 80 | | | | | | | | | | | | | | | | | | |
| 050 | BARRANQUILLA | 101 | 42 | | | | | | | *** | ***** | | | *** | ***** | | | 03 | 1 |
| | BLOCK 91 | | | | | | | | | | | | | | | | | | |
| 066 | MIDWAY ISL | 413 | 00067 | | | | | | | *** | ***** | | | *** | ***** | | | 03 | 1 |
| 115 | IWO JIMA | 035 | | | | 501 | 17118 | 36 | 61 | 031 | **006 | 36 | 21 | 923 | **654 | 33 | 7 | 03 | 1 |
| 182 | HONOLULU | 047 | 24156 | 05 | 19 | 506 | 17028 | 05 | 5 | 043 | 08543 | 31 | 11 | 933 | 55991 | 02 | 6 | 03 | 1 |
| 215 | HARMON FLD | 030 | 26235 | 04 | 3 | 495 | 17143 | 12 | 55 | 032 | 08012 | 10 | 9 | 918 | 53580 | 12 | 9 | 03 | 1 |
| 245 | WAKE ISLAND | 036 | 27208 | 09 | 13 | 503 | 18143 | 15 | 16 | 041 | 09003 | 02 | 10 | 929 | 56687 | 18 | 17 | 04 | 1 |
| 275 | JOHNSON IS | 042 | 27227 | 07 | 14 | 503 | 16043 | 09 | 24 | 039 | 09535 | 08 | 17 | 940 | 52667 | 04 | 10 | 03 | 1 |
| 334 | TRUK | 101 | 59 | | | | | | | *** | ***** | | | *** | ***** | | | 03 | 1 |
| 366 | KWAJALEIN | 101 | 59 | | | | | | | *** | ***** | | | *** | ***** | | | 03 | 1 |
| | BLOCK 98 | | | | | | | | | | | | | | | | | | |
| 327 | CLARK FIELD | 101 | 59 | | | | | | | *** | ***** | | | *** | ***** | | | 03 | 1 |
| QLL | OCEAN STA | | | | | | | | | | | | | | | | | | |
| 034 | 0 355 400 | 081 | 22183 | 15 | 12 | 536 | 11085 | 14 | 10 | 063 | 05552 | 07 | 9 | 941 | 60673 | 15 | 8 | 03 | 9 |
| 035 | 0 340 520 | 073 | 23193 | 22 | 12 | 531 | 14095 | 24 | 10 | 061 | 04518 | 25 | 12 | 939 | 59799 | 26 | 16 | 03 | 9 |
| 041 | 0 450 160 | 216 | 15121 | | | 580 | 08032 | | | 146 | 00619 | | | 754 | 66804 | | | 02 | 8 |
| 044 | 0 450 450 | 072 | 08072 | 30 | 12 | 510 | 04525 | 30 | 8 | 025 | 50681 | 25 | 18 | 884 | 65994 | 23 | 70 | 03 | 9 |

## RADIOSONDE AND RAWINSONDE DATA— Continued

| Index No. iii | 300 mb hhh | TTTTT ddx | dd | ff | 200 mb. hhh | TTTTT ddx | dd | ff | 100 mb. hhh | TTTTT ddx | dd | ff | Hour GG | Code Type |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 231 | 984 | 95992 | 29 | 38 | 850 | 96992 | 28 | 14 | 361 | 97993 | 18 | 14 | 03 | 1 |
| 270 | 016 | 93997 | 32 | 35 | 885 | 93993 | 32 | 41 | 391 | 97999 | | | 03 | 1 |
| 360 | 048 | 96999 | 30 | 40 | 166 | 91999 | | | | | | | 03 | 5 |
| 06 | | | | | | | | | | | | | | |
| 180 | 948 | 90998 | 06 | 57 | 211 | 06999 | | | 668 | 00990 | | | 03 | 5 |
| 260 | 955 | 88 | | | | | | | | | | | 03 | 8 |
| 447 | 617 | 94 0 | | | 138 | 00 0 | | | 667 | 01**8 | | | 03 | 8 |
| 07 | | | | | | | | | | | | | | |
| 110 | 945 | 95 4 | 08 | 22 | 210 | 98 4 | 07 | 75 | | | | | 02 | 5 |
| 145 | 994 | 91 7 | | | 261 | 99 8 | | | | | | | 02 | 8 |
| 190 | 941 | 98 1 | | | 207 | 01 1 | | | 657 | 03**7 | | | 02 | 8 |
| 480 | 954 | 94 7 | | | | | | | | | | | 02 | 8 |
| 510 | 947 | 90 7 | | | 214 | 01 4 | | | 656 | 08**1 | | | 02 | 5 |
| 645 | 960 | 87910 | | | 233 | 98 4 | | | 674 | 11**1 | | | 02 | 5 |
| 08 | | | | | | | | | | | | | | |
| 509 | 173 | 86884 | 01 | 23 | 053 | 07990 | 01 | 32 | | | | | 03 | 1 |
| 521 | 939 | 90994 | | | 207 | 98999 | | | 649 | 07994 | | | 14 | 8 |
| 536 | 944 | 88993 | | | 215 | 00991 | | | 662 | 08999 | | | 14 | 8 |
| 10 | | | | | | | | | | | | | | |
| 034 | 121 | 65450 | 05 | 56 | 005 | 35 0 | 05 | 50 | | | | | 02 | 2 |
| 338 | 083 | 56 8 | 05 | 76 | 961 | 44 0 | 04 | 23 | 452 | 41**0 | 33 | 18 | 02 | 2 |
| 384 | 934 | 93993 | 05 | 45 | 203 | 96999 | 03 | 27 | | | | | 03 | 5 |
| 419 | 083 | 52 0 | 03 | 46 | | | | | | | | | 02 | 2 |
| 633 | 940 | 93990 | 36 | 15 | 208 | 97990 | | | 664 | 00996 | | | 03 | 5 |
| 866 | 933 | 91990 | 32 | 42 | 204 | 96993 | 31 | 43 | 654 | 04990 | 30 | 12 | 03 | 5 |
| 11 | | | | | | | | | | | | | | |
| 030 | 925 | 96 6 | 36 | 32 | 195 | 95 2 | 30 | 40 | 648 | 04**2 | | | 03 | 5 |
| 567 | 943 | 92990 | | | 215 | 93992 | | | | | | | 05 | 5 |
| 16 | | | | | | | | | | | | | | |
| 596 | 182 | 72400 | 28 | 27 | | | | | | | | | 02 | 2 |
| 17 | | | | | | | | | | | | | | |
| 606 | 168 | 82420 | | | 088 | 40 0 | | | 499 | 00**0 | | | 02 | 7 |
| 40 | | | | | | | | | | | | | | |
| 427 | 190 | 86690 | 15 | 16 | 108 | 44 0 | 11 | 24 | 491 | 91**0 | 09 | 27 | 03 | 2 |
| 648 | 177 | 25 | | | | 53 0 | 27 | 16 | 534 | ***** | | | 02 | 2 |
| 42 | | | | | | | | | | | | | | |
| 182 | 961 | 81 | | | 239 | | | | 670 | 20*** | | | 15 | 8 |
| 339 | 965 | 81 | | | 238 | 06 | | | | | | | 15 | 8 |
| 475 | 969 | 76 | | | | | | | | | | | 15 | 8 |
| 807 | 967 | 78 | | | 245 | 02 | | | | | | | 15 | 8 |
| 867 | 967 | 80 | | | | | | | | | | | 14 | 8 |
| 909 | 968 | 79 | | | | | | | | | | | 14 | 8 |
| 43 | | | | | | | | | | | | | | |
| 063 | | | | | | | | | | | | | 14 | 8 |
| 149 | 967 | 79 | | | | | | | | | | | 14 | 8 |
| 279 | 967 | 80 | | | | | | | | | | | 14 | 8 |
| 371 | 969 | 81 | | | | | | | | | | | 15 | 8 |
| 45 | | | | | | | | | | | | | | |
| 007 | 101 | 50 | | | | | | | | | | | 22 | 8 |
| 47 | | | | | | | | | | | | | | |
| 401 | 126 | 80997 | | | 034 | 58999 | | | | | | | 03 | 1 |
| 412 | 130 | 84994 | | | 034 | 97997 | | | 512 | 03996 | | | 03 | 1 |
| 580 | 164 | 84990 | | | 043 | 05990 | | | 453 | 15992 | | | 03 | 1 |
| 590 | 162 | 78882 | | | 084 | 93992 | | | 577 | 02993 | | | 03 | 1 |
| 600 | 158 | 78893 | | | 074 | 97995 | | | 501 | 13998 | | | 03 | 1 |
| 635 | 198 | 79993 | 28 | 15 | 104 | 02994 | 28 | 40 | | | | | 04 | 1 |
| 646 | 186 | 79993 | | | 094 | 97997 | | | 539 | 11990 | | | 03 | 1 |
| 671 | 203 | 78872 | 27 | 15 | 121 | 98994 | 28 | 63 | 562 | 08993 | 28 | 19 | 03 | 1 |
| 744 | 189 | 71736 | | | 135 | 89995 | | | | | | | 03 | 1 |
| 808 | 176 | 74862 | 25 | 22 | 098 | 99997 | 28 | 43 | | | | | 03 | 1 |
| 827 | 193 | 72824 | | | 125 | 98990 | | | | | | | 03 | 1 |
| 931 | 101 | 59 | | | | | | | | | | | 03 | 1 |
| 60 | | | | | | | | | | | | | | |
| 120 | 101 | 50 | | | | | | | | | | | 03 | 6 |
| 155 | 956 | 83835 | | | 230 | 01 1 | | | | | | | 02 | 5 |
| 390 | 960 | 86092 | | | 232 | 03110 | | | | | | | 02 | 8 |
| 570 | 950 | 89102 | | | 216 | 08110 | | | | | | | 02 | 5 |
| 715 | 956 | 83835 | | | 230 | 01 1 | | | | | | | 02 | 8 |
| 61 | | | | | | | | | | | | | | |
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| 409 | 053 | 90900 | | | 827 | 02992 | | | | | | | 03 | 1 |
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| 485 | 101 | 43 | | | | | | | | | | | 03 | 1 |
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| 211 | 192 | 83892 | | | 084 | 05996 | | | 438 | 23995 | | | 03 | 1 |
| 219 | 211 | 80917 | | | 112 | 03990 | | | 484 | 22997 | | | 03 | 1 |
| 240 | 190 | 83998 | | | 078 | 06993 | | | | | | | 03 | 1 |
| 250 | 195 | 82929 | 16 | 17 | 090 | 05994 | 11 | 10 | 459 | 23991 | | | 03 | 1 |
| 253 | 190 | 85943 | 16 | 19 | 082 | 03990 | 15 | 18 | | | | | 03 | 1 |
| 259 | 181 | 82991 | 16 | 29 | 052 | 02990 | 15 | 19 | | | | | 03 | 1 |
| 265 | 190 | 83996 | 06 | 33 | 081 | 04999 | 06 | 25 | 456 | 22990 | 09 | 18 | 03 | 1 |
| 270 | 185 | 82882 | | | 081 | 04998 | | | 445 | ***** | | | 03 | 1 |
| 278 | 186 | 83992 | | | 085 | | | | | | | | 03 | 1 |
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| 317 | 210 | 79996 | 36 | 17 | 117 | 02990 | 03 | 44 | 497 | ***** | | | 04 | 1 |
| 327 | 216 | 79913 | 28 | 9 | 128 | | | | | | | | 03 | 1 |
| 340 | 212 | 80992 | 19 | 6 | 116 | 02997 | 13 | 9 | 485 | 22996 | 08 | 13 | 03 | 1 |
| 353 | 208 | 80990 | 12 | 15 | 106 | 02990 | 13 | 20 | 482 | 22998 | 13 | 12 | 03 | 1 |
| 365 | 205 | 81990 | 21 | 18 | 108 | 03998 | 19 | 15 | | | | | 03 | 1 |
| 386 | 167 | 87998 | | | 049 | 06990 | | | 445 | 20992 | | | 04 | 1 |
| 394 | 173 | 86996 | 27 | 18 | 062 | | | | | | | | 03 | 1 |
| 405 | 187 | 80871 | | | 094 | 01998 | | | 478 | 19997 | | | 03 | 1 |
| 445 | 200 | 81859 | 27 | 12 | | | | | | | | | 03 | 1 |
| 451 | 209 | 80844 | | | 112 | 03995 | | | | | | | 03 | 1 |
| 476 | 201 | 82868 | 21 | 38 | 093 | 04995 | 22 | 72 | | | | | 04 | 1 |
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| 553 | 214 | 79911 | | | 131 | 01994 | | | 507 | 19995 | | | 03 | 1 |
| 562 | 208 | 81992 | | | | | | | | | | | 03 | 1 |
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| 597 | 141 | 90997 | 30 | 25 | 010 | 08991 | 28 | 35 | | | | | 03 | 1 |
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| 764 | 154 | 87981 | 8 | 58 | 034 | 05993 | 26 | 61 | 463 | 10996 | | | 03 | 1 |
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| 785 | 151 | | | | | | | | | | | | 03 | 1 |
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| 816 | 149 | | | | | | | | | | | | 03 | 1 |
| 826 | 101 | 50 | | | | | | | | | | | 03 | 1 |
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| 867 | 072 | 92998 | | | 943 | 01998 | | | 282 | ***** | | | 03 | 1 |
| 879 | 105 | 91993 | 27 | 42 | 969 | 03992 | 27 | 51 | 431 | 01995 | 27 | 26 | 03 | 1 |
| 896 | 090 | 94994 | 24 | 25 | 947 | 05990 | 27 | 34 | | | | | 03 | 1 |
| 906 | 055 | 93999 | | | | | | | | | | | 03 | 1 |
| 907 | 006 | 04997 | | | 069 | 01991 | | | 359 | 00990 | | | 03 | 1 |
| 909 | 989 | 94994 | 23 | 47 | 873 | 92998 | | | 397 | 95996 | | | 03 | 1 |
| 913 | 003 | 95998 | 27 | 43 | 884 | 93990 | 27 | 35 | 409 | 94999 | 27 | 13 | 03 | 1 |
| 915 | 917 | 92991 | | | 832 | 87999 | | | | | | | 03 | 1 |
| 917 | 996 | 94995 | 18 | 24 | | | | | | | | | 03 | 1 |
| 918 | 913 | 95993 | | | | 89991 | | | 362 | 19997 | | | 03 | 1 |
| 924 | 905 | 97990 | 08 | 24 | 804 | 90996 | 05 | 17 | | | | | 03 | 1 |
| 926 | 944 | 92997 | | | 856 | 86997 | | | 426 | 88994 | | | 03 | 1 |
| 934 | 017 | 94991 | | | 945 | 01998 | | | 443 | 97992 | | | 03 | 1 |
| 938 | 042 | 92990 | | | 914 | 01999 | | | 422 | 93990 | | | 02 | 1 |
| 945 | 101 | 50 | | | | | | | | | | | 03 | 1 |
| 964 | 066 | 95996 | | | 921 | 04997 | | | | | | | 03 | 1 |
| 968 | 138 | 89990 | | | 018 | 02995 | | | 529 | 92990 | | | 02 | 1 |
| 74 | | | | | | | | | | | | | | |
| 043 | 092 | 93995 | | | 948 | 09997 | | | 424 | ***** | | | 03 | 1 |
| 072 | 101 | 58 | | | | | | | | | | | 03 | 1 |
| 074 | 985 | 94992 | | | 865 | 93990 | | | | | | | 03 | 1 |
| 090 | 946 | 97997 | 16 | 39 | 826 | 92992 | 17 | 20 | 376 | 90997 | 18 | 9 | 03 | 1 |
| 109 | 129 | 87941 | | | 012 | 03995 | | | 497 | 97997 | | | 03 | 1 |
| 188 | 101 | 50 | | | | | | | | | | | 03 | 1 |
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| 458 | 195 | 81873 | | | 095 | 03993 | | | 495 | ***** | | | 02 | 1 |
| 491 | 177 | 82965 | | | 071 | 05999 | | | | | | | 02 | 1 |
| 679 | 184 | 82877 | | | 076 | 05993 | | | | | | | 03 | 1 |
| 78 | | | | | | | | | | | | | | |
| 016 | 101 | 58 | | | | | | | | | | | 03 | 1 |
| 325 | | | | | | | | | | | | | | |
| 395 | | | | | | | | | | | | | | |
| 501 | 176 | 83996 | | | 067 | 05995 | | | 339 | 21995 | | | 03 | 1 |
| 525 | | | | | | | | | | | | | | |
| 862 | 137 | 82869 | 19 | 9 | | | | | | | | | 03 | 1 |
| 972 | 154 | 84995 | 10 | 24 | | | | | | | | | 03 | 1 |
| 80 | | | | | | | | | | | | | | |
| 050 | 101 | 42 | | | | | | | | | | | 03 | 1 |
| 91 | | | | | | | | | | | | | | |
| 066 | | | | | | | | | | | | | 03 | 1 |
| 115 | | 93997 | 04 | 25 | 978 | '999 | 03 | 15 | 355 | 05993 | 06 | 30 | 03 | 1 |
| 182 | 178 | 84996 | 25 | 23 | 053 | 06995 | 22 | 14 | 445 | 23992 | 10 | 18 | 03 | 1 |
| 215 | 126 | 82887 | 26 | 21 | 057 | 01898 | 25 | 18 | 432 | 24897 | 03 | 39 | 03 | 1 |
| 245 | | | | | | | | | | | | | | |
| 275 | 202 | 02311 | | | | | | | | | | | 03 | 1 |
| 334 | 101 | 59 | | | | | | | | | | | 03 | 1 |
| 366 | 101 | 59 | | | | | | | | | | | 03 | 1 |
| 98 | | | | | | | | | | | | | | |
| 327 | 101 | 59 | | | | | | | | | | | 03 | 1 |
| QLL | | OCEAN | STA | | | | | | | | | | | |
| 034 | 163 | 89991 | 14 | 21 | 044 | 01997 | 14 | 24 | 459 | 16996 | 16 | 3 | 03 | 9 |
| 035 | 171 | 85955 | 25 | 31 | 055 | 06994 | 28 | 21 | 450 | 16994 | 27 | 37 | 03 | 9 |
| 041 | 945 | 97 4 | | | 198 | 03 7 | | | 638 | 08**4 | | | 02 | 8 |
| 044 | 101 | 50 | | | | | | | | | | | 03 | 9 |

## RADIOSONDE AND RAWINSONDE DATA
## SIGNIFICANT LEVELS

| Index No. iii | Ist. 5th. etc. Level PPP | TTTTT ddx | 2nd. 6th. etc. Level PPP | TTTTT ddx | 3rd. 7th. etc. Level PPP | TTTTT ddx | 4th. 8th. etc. Level PPP | TTTTT ddx | Hour GG | Code Type |
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| 231 | 000 | 07512 | 999 | 07535 | 920 | 07560 | 864 | 03533 | 03 | 1 |
| 270 | 013 | 07043 | 892 | 00503 | 814 | 03520 | 686 | 52711 | 03 | 1 |
| 360 | 999 | 05 | 948 | 02020 | 926 | 03030 | | 56570 | 03 | 5 |
| 06 | | | | | | | | | | |
| 180 | 028 | 16134 | 998 | 18113 | 764 | 02**2 | 749 | 04008 | 03 | 5 |
| 260 | 026 | 12104 | 921 | 07070 | 897 | 12041 | 855 | 12554 | 03 | 8 |
| 447 | 013 | 09088 | 953 | 12103 | 920 | 10084 | 897 | 12056 | 03 | 8 |
| 07 | | | | | | | | | | |
| 110 | 101 | 12119 | 983 | 15145 | 965 | 17142 | 920 | 16103 | 02 | 5 |
| 145 | 002 | 12109 | 970 | 16072 | 927 | 14005 | 884 | 11525 | 02 | 8 |
| 190 | 003 | 15120 | 950 | 16129 | 885 | 14084 | 845 | 09054 | 02 | 8 |
| 480 | 995 | 16132 | 949 | 20155 | 754 | 10024 | 500 | 62703 | 02 | 8 |
| 510 | 012 | 18142 | 980 | 22135 | 913 | 19072 | 752 | 08502 | 02 | 5 |
| 645 | 010 | 21161 | 970 | 24182 | 917 | 20157 | 975 | 17116 | 02 | 5 |
| 08 | | | | | | | | | | |
| 509 | 019 | 19172 | 864 | 11111 | 845 | 12101 | 630 | 51532 | 03 | 1 |
| 521 | 012 | 23150 | 818 | 06046 | 748 | 02518 | 686 | 52552 | 14 | 8 |
| 536 | 005 | 23109 | 826 | 09056 | 800 | 09576 | 774 | 10637 | 14 | 8 |
| 10 | | | | | | | | | | |
| 034 | 021 | 57570 | 980 | 52510 | 783 | 38308 | 761 | 44270 | 02 | 2 |
| 338 | 018 | 49460 | 990 | 52490 | 957 | 49460 | 929 | 49430 | 02 | 2 |
| 384 | 015 | 16141 | 675 | 54554 | 610 | 60621 | 566 | 60794 | 03 | 5 |
| 419 | 994 | 52510 | | | | | | | 02 | 2 |
| 633 | 007 | 13114 | 980 | 15106 | 900 | 12043 | 820 | 06054 | 03 | 5 |
| 866 | 960 | 12115 | 910 | 12024 | 638 | 58611 | 585 | 60285 | 03 | 5 |
| 11 | | | | | | | | | | |
| 030 | 000 | 11118 | 980 | 12 7 | 904 | 10060 | 633 | 58593 | 03 | 5 |
| 567 | 987 | 13113 | 940 | 13128 | 800 | 09073 | 650 | 51546 | 05 | 5 |
| 16 | | | | | | | | | | |
| 596 | 999 | 78430 | | | | | | | 02 | 2 |
| 17 | | | | | | | | | | |
| 606 | 976 | 73410 | 960 | 82480 | 738 | 52300 | 678 | 51030 | 02 | 7 |
| 40 | | | | | | | | | | |
| 427 | 999 | 94740 | 990 | 89670 | 975 | 94640 | 952 | 99600 | 14 | 2 |
| 648 | 992 | 79410 | 977 | 85390 | 922 | 90380 | 878 | 86330 | 02 | 2 |
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| 339 | 974 | 32230 | 921 | 32230 | 773 | 13*** | 715 | 14*** | 15 | 8 |
| 475 | 988 | 27250 | 570 | 02 | 550 | 02*** | 470 | 58*** | 15 | 8 |
| 807 | 999 | 26250 | 940 | 23220 | 926 | 24210 | 360 | 67*** | 15 | 8 |
| 867 | 967 | 28240 | 946 | 28230 | 350 | 71*** | 250 | 88*** | 14 | 8 |
| 909 | 001 | 28260 | 932 | 24200 | 921 | 21190 | 722 | 13020 | 14 | 8 |
| 43 | | | | | | | | | | |
| 063 | 943 | 25200 | 630 | 08060 | 450 | 58*** | 350 | 67*** | 14 | 8 |
| 149 | 995 | 28260 | 937 | 27220 | 300 | 79*** | | | 14 | 8 |
| 279 | 003 | 29250 | 945 | 27200 | 534 | 53530 | 267 | 86*** | 14 | 8 |
| 371 | 002 | 26240 | 653 | 08500 | 570 | 50500 | 440 | 62*** | 15 | 8 |
| 45 | | | | | | | | | | |
| 007 | 005 | 25240 | 950 | 23230 | 900 | 20200 | 800 | 13120 | 22 | 8 |
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| 412 | 009 | 21157 | 961 | 17105 | 875 | 13093 | 796 | 10061 | 03 | 1 |
| 580 | 006 | 21153 | 910 | 13101 | 885 | 14114 | 783 | 11617 | 03 | 1 |
| 590 | 007 | 20166 | 967 | 17166 | 876 | 14121 | 816 | 14072 | 03 | 1 |
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| 635 | 010 | 28202 | 947 | 23179 | 775 | 15566 | 656 | 05027 | 04 | 1 |
| 646 | 011 | 28208 | 909 | 17151 | 789 | 11011 | 747 | 09069 | 03 | 1 |
| 671 | 010 | 27221 | 975 | 26206 | 892 | 19175 | 860 | 19174 | 03 | 1 |
| 744 | 008 | 24221 | 904 | 22206 | 800 | 17119 | 733 | 14109 | 03 | 1 |
| 808 | 008 | 27232 | 900 | 20191 | 740 | 11082 | 584 | 50692 | 03 | 1 |
| 827 | 009 | 28257 | 932 | 22194 | 775 | 13104 | 600 | 04621 | 03 | 1 |
| 931 | | | | | | | | | | |
| 60 | | | | | | | | | | |
| 120 | 013 | 20153 | 986 | 17144 | 942 | 17131 | 866 | 22084 | 03 | 6 |
| 155 | 011 | 20174 | 972 | 16142 | 928 | 13122 | 980 | 16091 | 02 | 5 |
| 390 | 012 | 23204 | 000 | 22220 | 993 | 20201 | 957 | 18181 | 02 | 8 |
| 570 | 926 | 31541 | 890 | 30549 | 802 | 19638 | 594 | 56841 | 02 | 5 |
| 715 | 011 | 20172 | 972 | 16142 | 928 | 13122 | 880 | 16091 | 02 | 8 |
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| 026 | 018 | 07044 | 833 | 50525 | 765 | 54573 | 739 | 54684 | 03 | 1 |
| 133 | 019 | 10022 | 839 | 53565 | 818 | 50577 | 400 | 80906 | 03 | 1 |
| 200 | 020 | 08043 | 863 | 50604 | | | 630 | 58734 | 03 | 1 |
| 219 | 017 | 15083 | 595 | 59644 | 400 | 78821 | 312 | 90941 | 03 | 1 |
| 231 | 006 | 22085 | 835 | 06016 | 730 | 00561 | 680 | 53696 | 03 | 1 |
| 261 | 001 | 27097 | 998 | 26082 | 837 | 11013 | 813 | 10582 | 03 | 1 |
| 273 | 015 | 17127 | 010 | 15092 | 906 | 11077 | 880 | 11051 | 03 | 1 |
| 350 | 019 | 09095 | 906 | 03039 | 860 | 05055 | 752 | 00505 | 03 | 1 |
| 361 | 021 | 20072 | 935 | 18043 | 818 | 05550 | 793 | 04583 | 03 | 1 |
| 381 | 020 | 18074 | 012 | 18996 | | | 948 | 15999 | 03 | 1 |
| 398 | 020 | 13123 | 627 | 56635 | 447 | 63999 | 101 | 68*** | 04 | 1 |
| 409 | 008 | 09065 | 854 | 06009 | 810 | 08505 | 568 | 60635 | 03 | 1 |
| 454 | 012 | 10071 | 867 | 01008 | 810 | 03618 | 614 | 56625 | 03 | 1 |
| 485 | | | | | | | | | | |
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| 202 | 017 | 25823 | 995 | 26224 | 660 | 06022 | 619 | 03567 | 03 | 1 |
| 208 | 019 | 22198 | 864 | 14108 | 834 | 17031 | 820 | 16602 | 03 | 1 |
| 211 | 017 | 27226 | 910 | 20182 | 824 | 16093 | 744 | 10076 | 03 | 1 |
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| 250 | 016 | 26234 | 400 | 67750 | 268 | 88004 | 120 | 24997 | 03 | 1 |
| 253 | 990 | 28206 | 800 | 15134 | 573 | 00637 | 549 | 51627 | 03 | 1 |
| 259 | 995 | 29204 | 400 | 68990 | 268 | 88994 | 194 | 03996 | 03 | 1 |
| 265 | 930 | 30125 | 678 | 06028 | 595 | 50553 | 537 | 54703 | 03 | 1 |
| 270 | 884 | 27127 | 683 | 07031 | 644 | 05534 | 613 | 01524 | 03 | 1 |
| 278 | 971 | 34140 | 758 | 19001 | 615 | 03513 | 420 | 66703 | 03 | 1 |
| 304 | 020 | 24181 | 822 | 08062 | 814 | 12582 | 800 | 13583 | 03 | 1 |
| 317 | 991 | 22202 | 938 | 20158 | 628 | 05001 | 520 | 55584 | 04 | 1 |
| 327 | 997 | 24223 | 945 | 26226 | 400 | 65743 | 248 | 89941 | 03 | 1 |
| 340 | 008 | 29243 | 985 | 29245 | 602 | 02515 | 573 | 01592 | 03 | 1 |
| 353 | 973 | 25224 | 873 | 19169 | 552 | 51555 | 535 | 52662 | 03 | 1 |
| 365 | 845 | 24122 | 596 | 01512 | 568 | 51560 | 557 | 50592 | 03 | 1 |
| 386 | 935 | 35031 | 918 | 35077 | 547 | 56591 | 528 | 58615 | 04 | 1 |
| 394 | 007 | 12117 | 966 | 10098 | 946 | 19141 | 934 | 22039 | 03 | 1 |
| 405 | 018 | 22177 | 865 | 13092 | 855 | 15624 | 847 | 15624 | 03 | 1 |
| 445 | 990 | 26236 | 400 | 65688 | 255 | 90942 | 236 | 94996 | 03 | 1 |
| 451 | 931 | 22197 | 917 | 23182 | 675 | 08514 | 562 | 50554 | 03 | 1 |
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| 493 | 014 | 13111 | 002 | 11086 | 972 | 14117 | 945 | 24071 | 03 | 1 |
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| 553 | 985 | 23159 | 957 | 25127 | 864 | 18084 | 839 | 19554 | 03 | 1 |
| 562 | 926 | 20151 | 914 | 22142 | 717 | 12573 | 606 | 00638 | 03 | 1 |
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| 600 | 027 | 13112 | 967 | 14086 | 816 | 00583 | 369 | 04667 | 03 | 1 |
| 606 | 019 | 17121 | 954 | 18071 | 911 | 15047 | 888 | 09044 | 03 | 1 |
| 655 | 984 | 18123 | 975 | 19124 | 860 | 10067 | 824 | 11597 | 03 | 1 |
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| 681 | 917 | 31061 | 538 | 57638 | 453 | 67741 | 440 | 68884 | 03 | 1 |
| 712 | 995 | 18118 | 912 | 17099 | 758 | 05019 | 745 | 08634 | 03 | 1 |
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| 785 | 934 | 30006 | 910 | 30013 | 687 | 08613 | 550 | 55618 | 03 | 1 |
| 798 | 019 | 11119 | 978 | 10107 | 965 | 13122 | 948 | 11063 | 03 | 1 |
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| 909 | 998 | 08031 | 902 | 02006 | 882 | 04561 | 614 | 57682 | 03 | 1 |
| 913 | 009 | 14117 | 989 | 14093 | 924 | 09064 | 795 | 00524 | 03 | 1 |
| 915 | 992 | 05023 | 745 | 59612 | 572 | 68811 | 400 | 84945 | 03 | 1 |
| 917 | 006 | 05049 | 954 | 07062 | 624 | 60653 | 400 | **824 | 03 | 1 |
| 918 | 998 | 02008 | 945 | 02511 | 809 | 54575 | 789 | 56592 | 03 | 1 |
| 924 | 996 | 03025 | 936 | 03015 | 616 | 64653 | 526 | 68839 | 03 | 1 |
| 926 | 006 | 04014 | 768 | 59994 | 629 | 61997 | 400 | 83994 | 03 | 1 |
| 934 | 994 | 19093 | 836 | 08054 | 746 | 00516 | 730 | 00536 | 03 | 1 |
| 938 | 018 | 06089 | 922 | 00535 | 918 | 01527 | 886 | 01551 | 02 | 1 |
| 945 | 975 | 26135 | 955 | 26074 | 918 | 22041 | 560 | 00630 | 03 | 1 |
| 964 | 937 | 23044 | 750 | 04554 | 636 | 55619 | 534 | 65667 | 03 | 1 |
| 968 | 017 | 26133 | 654 | 00585 | 640 | 00596 | 400 | 74853 | 02 | 1 |
| 74 | | | | | | | | | | |
| 043 | 011 | 25083 | 918 | 19031 | 795 | 09501 | 667 | 53614 | 03 | 1 |
| 072 | | | | | | | | | | |
| 074 | 005 | 01008 | 974 | 50516 | 948 | 02014 | 800 | 51525 | 03 | 1 |
| 090 | 995 | 07649 | 925 | 05008 | 885 | 02517 | 655 | 60635 | 03 | 1 |
| 109 | 021 | 17135 | 967 | 16113 | 923 | 15118 | 890 | 12084 | 03 | 1 |
| 188 | 014 | 12104 | 941 | 19051 | 786 | 07010 | 724 | 03644 | 03 | 1 |
| 76 | | | | | | | | | | |
| 458 | 009 | 29238 | 922 | 25156 | 974 | 14124 | 735 | 12054 | 02 | 1 |
| 491 | 977 | 26206 | 909 | 22165 | 755 | 10082 | 629 | 01532 | 02 | 1 |
| 679 | 776 | 16112 | 561 | 50514 | 497 | 56561 | 479 | 51541 | 03 | 1 |
| 78 | | | | | | | | | | |
| 016 | | | | | | | | | | |
| 325 | 010 | 26257 | | | | | | | 03 | 1 |
| 395 | 101 | 25219 | 874 | 20150 | 660 | 07524 | 570 | 50067 | 03 | 1 |
| 501 | 015 | 25228 | 765 | 10099 | 662 | 05021 | 632 | 05624 | 03 | 1 |
| 525 | | | | | | | | | | |
| 862 | 016 | 26242 | 904 | 17179 | 833 | 15121 | 800 | 14026 | 03 | 1 |
| 972 | 010 | 24239 | 650 | 02567 | 580 | 53675 | 400 | 68998 | 03 | 1 |
| 80 | | | | | | | | | | |
| 050 | | | | | | | | | | |
| 91 | | | | | | | | | | |
| 066 | 022 | 26237 | | | | | | | 03 | 1 |
| 115 | 000 | 29231 | 983 | 22193 | | 26132 | 883 | 19144 | 03 | 1 |
| 182 | 016 | 27174 | 903 | 16134 | 853 | 18031 | 804 | 16538 | 03 | 1 |
| 215 | 003 | 26235 | 960 | 25224 | 895 | 20172 | 658 | 06512 | 03 | 1 |
| 245 | 012 | 27223 | 998 | 28801 | 150 | 11090 | 710 | 07507 | 04 | 1 |
| 275 | 014 | 29233 | 938 | 20168 | 885 | 17119 | 836 | 18014 | 03 | 1 |
| 334 | | | | | | | | | | |
| 366 | | | | | | | | | | |
| 98 | | | | | | | | | | |
| 327 | | | | | | | | | | |
| QLL | | OCEAN | STA | | | | | | | |
| 034 | 028 | 23208 | 746 | 07535 | 685 | 00668 | 340 | 81939 | 03 | 9 |
| 035 | 025 | 25213 | 972 | 20179 | 646 | 01525 | 593 | 50716 | 03 | 9 |
| 041 | 026 | 18142 | 026 | 18142 | 940 | 09001 | 900 | 04048 | 02 | 8 |
| 044 | 026 | 09097 | 817 | 03554 | 792 | 04573 | 760 | 02659 | 03 | 9 |

## RADIOSONDE AND RAWINSONDE DATA
## SIGNIFICANT LEVELS

| Index No. iii | Ist. 5th. etc. Level PPP | TTTTT ddx | 2nd. 6th. etc. Level PPP | TTTTT ddx | 3rd. 7th. etc. Level PPP | TTTTT ddx | 4th. 8th. etc. Level PPP | TTTTT ddx | Hour GG | Code Type |
|---|---|---|---|---|---|---|---|---|---|---|
| 231 | 750 | 55642 | | 53620 | | 53619 | 400 | 80897 | 03 | 1 |
| 270 | 663 | 53998 | 630 | 65738 | 475 | 69748 | 400 | 77840 | 03 | 1 |
| 360 | 731 | 52570 | 563 | 55650 | 310 | 95010 | 265 | 98999 | 03 | 5 |
| 06 | | | | | | | | | | |
| 180 | 679 | 03546 | 651 | 00581 | 231 | 05997 | 211 | 09991 | 03 | 5 |
| 260 | 700 | 08568 | 733 | 05617 | 642 | 01571 | 513 | 60724 | 03 | 8 |
| 447 | 862 | 12545 | 550 | 58694 | 528 | 59703 | 321 | 86949 | 03 | 8 |
| 07 | | | | | | | | | | |
| 110 | 880 | 12075 | 818 | 07045 | 795 | 08043 | 777 | 08033 | 02 | 5 |
| 145 | 842 | 08028 | 815 | 05522 | 725 | 00671 | 659 | 52728 | 02 | 8 |
| 190 | 767 | 04007 | 741 | 01532 | 645 | 51584 | 607 | 56633 | 02 | 8 |
| 480 | 424 | 73829 | 368 | 80883 | 328 | 87955 | 300 | 94**7 | 02 | 8 |
| 510 | 723 | 06527 | 675 | 02556 | 473 | 67785 | 634 | 71830 | 02 | 5 |
| 645 | 826 | 15100 | 770 | 12062 | 705 | 06010 | 668 | 02517 | 02 | 5 |
| 08 | | | | | | | | | | |
| 509 | 567 | 54666 | 446 | 65713 | 400 | 70784 | 340 | 77849 | 03 | 1 |
| 521 | 672 | 51639 | 642 | 52652 | 603 | 56671 | 582 | 58731 | 14 | 8 |
| 536 | 462 | 68767 | 430 | 72866 | 400 | 76998 | 344 | 85994 | 14 | 8 |
| 10 | | | | | | | | | | |
| 034 | 201 | 34 0 | 176 | 47 0 | 157 | 45**0 | 116 | 44**0 | 02 | 2 |
| 338 | 917 | 56430 | 669 | 25120 | 655 | 27130 | 609 | 24080 | 02 | 2 |
| 384 | 552 | 61806 | 400 | 78998 | 334 | 89998 | 280 | 96990 | 03 | 5 |
| 419 | | | | | | | | | | |
| 633 | 600 | 58693 | 570 | 59731 | 451 | 70815 | 400 | 77854 | 03 | 5 |
| 866 | 480 | 69814 | 435 | 76811 | 400 | 79992 | 312 | 90990 | 03 | 5 |
| 11 | | | | | | | | | | |
| 030 | 602 | 60648 | 581 | 60714 | 557 | 63684 | 400 | 80869 | 03 | 5 |
| 567 | 454 | 68754 | 267 | 98992 | 228 | 93998 | | | 05 | 5 |
| 16 | | | | | | | | | | |
| 596 | | | | | | | | | | |
| 17 | | | | | | | | | | |
| 606 | 581 | 36730 | 578 | 37720 | 483 | 25630 | 236 | 63400 | 02 | 7 |
| 40 | | | | | | | | | | |
| 427 | 865 | 91520 | 837 | 85480 | 493 | 16010 | 480 | 13960 | 03 | 2 |
| 648 | 632 | 38130 | 596 | 38970 | 576 | 36750 | 564 | 36710 | 02 | 2 |
| 42 | | | | | | | | | | |
| 182 | 630 | 06030 | 545 | 55 | 465 | 59*** | 435 | 59*** | 15 | 8 |
| 339 | 570 | 51 | 195 | 07 | 159 | 11*** | | | 15 | 8 |
| 475 | 410 | 59 | 505 | 52 | 263 | 83*** | | | 15 | 8 |
| 807 | | | | | | | | | | |
| 867 | | | | | | | | | | |
| 909 | 675 | 12030 | 290 | 81 | | | | | 14 | 8 |
| 43 | | | | | | | | | | |
| 063 | | | | | | | | | | |
| 149 | | | | | | | | | | |
| 279 | | | | | | | | | | |
| 371 | 259 | 90 | 217 | 00 | | | | | 15 | 8 |
| 45 | | | | | | | | | | |
| 007 | 750 | 12100 | 650 | 08060 | 600 | 05020 | 550 | 02000 | 22 | 8 |
| 47 | | | | | | | | | | |
| 401 | 345 | 77830 | 280 | 82992 | 225 | 96994 | 176 | 00990 | 03 | 1 |
| 412 | 747 | 05014 | 655 | 04523 | 541 | 53658 | 447 | 65764 | 03 | 1 |
| 580 | 746 | 11997 | 665 | 08996 | 566 | 03998 | 400 | 65996 | 03 | 1 |
| 590 | 740 | 11034 | 640 | 03570 | 600 | 01586 | 477 | 56676 | 03 | 1 |
| 600 | 453 | 59725 | | 72851 | 288 | 80990 | 188 | 00993 | 03 | 1 |
| 635 | 550 | 01526 | 483 | 62707 | 400 | 65741 | 336 | 72849 | 04 | 1 |
| 646 | 373 | 78856 | 319 | 74998 | 243 | 90999 | 645 | 07995 | 03 | 1 |
| 671 | 818 | 17131 | 795 | 17113 | 740 | 12052 | 645 | 08629 | 03 | 1 |
| 744 | 633 | 06019 | 547 | 00522 | 447 | 54569 | 384 | 59627 | 03 | 1 |
| 808 | 525 | 56686 | 503 | 55661 | 430 | 61683 | 400 | 63711 | 03 | 1 |
| 827 | 557 | 01670 | 541 | 01664 | | 62749 | 252 | 83920 | 03 | 1 |
| 931 | | | | | | | | | | |
| 60 | | | | | | | | | | |
| 120 | 766 | 09045 | 738 | 07017 | | | | | 03 | 6 |
| 155 | 850 | 16063 | 820 | 15064 | 790 | 13041 | 750 | 10014 | 02 | 5 |
| 390 | 945 | 21217 | 928 | 24163 | 902 | 26144 | 875 | 26046 | 02 | 8 |
| 570 | 584 | 55828 | 518 | 61889 | 444 | 70956 | 439 | 69941 | 02 | 5 |
| 715 | 850 | 16063 | 820 | 15064 | 790 | 14041 | 750 | 10014 | 02 | 8 |
| 61 | | | | | | | | | | |
| 642 | 234 | 09056 | 492 | 61619 | 466 | 62631 | 428 | 66669 | 07 | 8 |
| 70 | | | | | | | | | | |
| 026 | 672 | 59712 | 615 | 62702 | 602 | 63686 | 561 | 67762 | 03 | 1 |
| 133 | 332 | 90980 | 228 | 07997 | 026 | 87999 | | | 03 | 1 |
| 200 | 542 | 65793 | 400 | 80857 | 338 | 89921 | 232 | 06995 | 03 | 1 |
| 219 | 210 | 09991 | | | | | | | 03 | 1 |
| 231 | 612 | 57669 | 585 | 59734 | 560 | 62691 | 543 | 64751 | 03 | 1 |
| 261 | 771 | 07651 | 733 | 04577 | 665 | 51615 | 630 | 54713 | 03 | 1 |
| 273 | 714 | 00571 | 630 | 56712 | 606 | 57687 | 556 | 61702 | 03 | 1 |
| 350 | 616 | 59652 | 472 | 70766 | 400 | 79876 | 384 | 81913 | 03 | 1 |
| 361 | 598 | 58736 | 400 | 79897 | 352 | 86951 | 348 | 86943 | 03 | 1 |
| 381 | 909 | 13045 | 608 | 58623 | 638 | 55660 | 400 | 79824 | 03 | 1 |
| 398 | 063 | 45 | | | | | | | 04 | 1 |
| 409 | 520 | 61722 | 400 | 74845 | 380 | 77876 | 302 | 90990 | 03 | 1 |
| 454 | 590 | 57820 | 400 | 74991 | 352 | 81990 | 101 | 55*** | 03 | 1 |
| 485 | | | | | | | | | | |
| 72 | | | | | | | | | | |
| 202 | 553 | 51551 | 492 | 58611 | 475 | 57666 | 435 | 61771 | 03 | 1 |
| 208 | 808 | 15066 | 766 | 13078 | 640 | 06614 | 556 | 51553 | 03 | 1 |
| 211 | 680 | 08013 | 628 | 03004 | 600 | 02577 | 588 | 01541 | 03 | 1 |
| 219 | 433 | 62673 | 400 | 65767 | 380 | 68831 | 366 | 70783 | 03 | 1 |
| 240 | 570 | 00621 | 430 | 63783 | 400 | 67994 | 138 | 24993 | 03 | 1 |
| 250 | | | | | | | | | | |
| 253 | 400 | 69753 | 347 | 77825 | 320 | 81916 | 273 | 88972 | 03 | 1 |
| 259 | 101 | 69 | 040 | 26 | 040 | 50*** | 101 | 58*** | 03 | 1 |
| 265 | 427 | 64725 | 410 | 66807 | 400 | 69803 | 375 | 71861 | 03 | 1 |
| 270 | 400 | 67718 | 258 | 89958 | 130 | 24993 | 118 | 22997 | 03 | 1 |
| 278 | 400 | 68788 | 382 | 69833 | 220 | 98999 | | | 03 | 1 |
| 304 | 467 | 59703 | 400 | 66817 | 268 | 88943 | 125 | 21994 | 03 | 1 |
| 317 | 482 | 56631 | 400 | 66718 | 318 | 76896 | 124 | 22991 | 04 | 1 |
| 327 | 212 | 97995 | | | | | | | 03 | 1 |
| 340 | 508 | 55611 | 484 | 57711 | 400 | 65757 | 357 | 70837 | 03 | 1 |
| 353 | 486 | 57615 | 433 | 61722 | 400 | 66786 | 342 | 73864 | 03 | 1 |
| 365 | 475 | 59710 | 441 | 61674 | 411 | 65771 | 400 | 66768 | 03 | 1 |
| 386 | 511 | 57738 | 400 | 71996 | 278 | 89993 | 219 | 03995 | 04 | 1 |
| 394 | 907 | 26507 | 730 | 13503 | 664 | 06657 | 588 | 03997 | 03 | 1 |
| 405 | 839 | 14063 | 637 | 04531 | 632 | 03577 | 538 | 54573 | 03 | 1 |
| 445 | | | | | | | | | | |
| 451 | 549 | 00582 | 433 | 62692 | 400 | 65696 | 251 | 90941 | 03 | 1 |
| 476 | 262 | 90941 | 175 | 10995 | | | | | 04 | 1 |
| 486 | 400 | 72877 | 296 | 88948 | 236 | 01992 | 107 | 15998 | 03 | 1 |
| 493 | 896 | 25527 | 520 | 55725 | 443 | 62787 | 400 | 69998 | 03 | 1 |
| 506 | 893 | 13578 | 493 | 59762 | 468 | 61689 | 424 | 65742 | 03 | 1 |
| 518 | 745 | 11998 | 722 | 10993 | 708 | 10993 | 101 | 47*** | 03 | 1 |
| 520 | | | | | | | | | | |
| 528 | 256 | 88955 | 190 | 05999 | | | | | 03 | 1 |
| 534 | 613 | 04632 | 564 | 50594 | 538 | 51674 | 410 | 64772 | 03 | 1 |
| 536 | 578 | 51566 | 566 | 00547 | 400 | 65682 | 247 | 90001 | 03 | 1 |
| 553 | 724 | 13591 | 633 | 06646 | 476 | 56736 | 400 | 65794 | 03 | 1 |
| 562 | 586 | 01666 | 505 | 54725 | 403 | 65996 | 268 | 86995 | 03 | 1 |
| 576 | 386 | 72796 | 175 | 13991 | 110 | 14995 | | | 03 | 1 |
| 597 | 729 | 11587 | 675 | 05519 | 633 | 03663 | 400 | 75881 | 03 | 1 |
| 600 | 722 | 01629 | 689 | 02623 | 400 | 73854 | 145 | 04991 | 03 | 1 |
| 606 | 792 | 09645 | 540 | 54731 | 472 | 60777 | 408 | 67748 | 03 | 1 |
| 655 | 760 | 10659 | 604 | 01708 | 557 | 52731 | 400 | 70995 | 03 | 1 |
| 662 | 456 | 61767 | 400 | 70823 | 272 | 89955 | 159 | 14993 | 03 | 1 |
| 681 | 429 | 69849 | 400 | 72995 | 203 | 07995 | 141 | 02996 | 03 | 1 |
| 712 | 619 | 00684 | 607 | 50596 | 594 | 51613 | 101 | 55*** | 03 | 1 |
| 734 | 828 | 12505 | 794 | 13555 | 750 | 10606 | 730 | 11990 | 03 | 1 |
| 747 | 809 | 07666 | 689 | 02708 | 400 | 72999 | 293 | 90990 | 03 | 1 |
| 764 | 285 | 90001 | 125 | 08996 | 112 | 12994 | 088 | 08998 | 03 | 1 |
| 768 | 626 | 00568 | 603 | 51631 | 438 | 68824 | 400 | 74991 | 03 | 1 |
| 775 | 322 | 87994 | 213 | 10993 | 160 | 03998 | 108 | 09998 | 03 | 1 |
| 785 | 486 | 62698 | 473 | 64778 | 400 | 73798 | 375 | 77881 | 03 | 1 |
| 798 | 918 | 17512 | 572 | 56741 | 400 | 74994 | 305 | 89998 | 03 | 1 |
| 815 | 765 | 07581 | 685 | 01644 | 582 | 55990 | 520 | 60726 | 03 | 1 |
| 816 | 624 | 20563 | 608 | 00 7 | 540 | 54641 | 464 | 62675 | 03 | 1 |
| 826 | 654 | 54573 | 101 | 58 | | | | | 03 | 1 |
| 836 | 668 | 50587 | 581 | 56696 | 540 | 58688 | 400 | 75853 | 03 | 1 |
| 867 | 662 | 54585 | 400 | 77837 | 250 | 01993 | 196 | 01998 | 03 | 1 |
| 879 | 601 | 55679 | 573 | 57756 | 428 | 72871 | 400 | 75997 | 03 | 1 |
| 896 | 539 | 63752 | 516 | 62777 | 467 | 70782 | 400 | 80891 | 03 | 1 |
| 906 | 646 | 05055 | 515 | 61644 | 492 | | | | 03 | 1 |
| 907 | 767 | 51568 | 736 | 52601 | 661 | 57701 | 630 | 60685 | 03 | 1 |
| 909 | | | | | | | | | | |
| 913 | 766 | 50529 | 730 | 54542 | 705 | 54571 | 691 | 53578 | 03 | 1 |
| 915 | 328 | 59992 | 250 | 86996 | 150 | 89993 | | | 03 | 1 |
| 917 | 332 | 88945 | 276 | 98999 | | | | | 03 | 1 |
| 918 | 728 | 56702 | 673 | 60757 | 611 | 65717 | 596 | 65748 | 03 | 1 |
| 924 | 400 | 83997 | 360 | 90990 | 291 | 97997 | 234 | 89998 | 03 | 1 |
| 926 | 312 | 94994 | 272 | 89994 | 176 | 86991 | 084 | 87997 | 03 | 1 |
| 934 | 620 | 52676 | 607 | 57995 | 595 | 57726 | 400 | 78803 | 03 | 1 |
| 938 | 839 | 52584 | 810 | 52604 | 661 | 55709 | 537 | 62747 | 02 | 1 |
| 945 | 618 | 55616 | 431 | 71844 | 101 | 58*** | | | 03 | 1 |
| 964 | 456 | 73840 | 432 | 76806 | 400 | 60851 | 214 | 08998 | 03 | 1 |
| 968 | 208 | 03993 | 083 | 90993 | 101 | 58*** | | | 02 | 1 |
| 74 | | | | | | | | | | |
| 043 | 643 | 53647 | 570 | 58727 | 464 | 72870 | 435 | 72996 | 03 | 1 |
| 072 | | | | | | | | | | |
| 074 | 786 | 51528 | 638 | 59618 | 606 | 68685 | 596 | 60669 | 03 | 1 |
| 090 | 642 | 59642 | 600 | 61785 | 400 | 82990 | 345 | 90990 | 03 | 1 |
| 109 | 876 | 13083 | 836 | 11060 | 809 | 11010 | 761 | 07544 | 03 | 1 |
| 188 | 680 | 01654 | 620 | 52504 | 580 | 55664 | 101 | 58*** | 03 | 1 |
| 76 | | | | | | | | | | |
| 458 | 607 | 03001 | 454 | 30684 | 500 | 65693 | 347 | 73962 | 02 | 1 |
| 491 | 619 | 02557 | 590 | 01611 | 560 | 51578 | 500 | 53593 | 02 | 1 |
| 679 | 465 | 60631 | 400 | 67712 | 267 | 89944 | 156 | 16999 | 03 | 1 |
| 78 | | | | | | | | | | |
| 016 | | | | | | | | | | |
| 325 | | | | | | | | | | |
| 395 | 400 | 67721 | 350 | 74793 | | | | | 03 | 1 |
| 501 | 554 | 52606 | 437 | 63798 | 400 | 68994 | 127 | 22995 | 03 | 1 |
| 525 | | | | | | | | | | |
| 862 | 625 | 01584 | 460 | 63630 | 400 | 67675 | | | 03 | 1 |
| 972 | 262 | 41995 | 101 | 58 | | | | | 03 | 1 |
| 80 | | | | | | | | | | |
| 050 | | | | | | | | | | |
| 91 | | | | | | | | | | |
| 066 | | | | | | | | | | |
| 115 | 758 | 13023 | 582 | 52577 | 562 | 52577 | 400 | 71756 | 03 | 1 |
| 182 | 660 | 04571 | 643 | 03622 | 635 | 03656 | 605 | 04997 | 03 | 1 |
| 215 | 558 | 52561 | 486 | 58366 | 442 | 61642 | 400 | 66693 | 03 | 1 |
| 245 | 101 | 59 | | | | | | | 04 | 1 |
| 275 | 817 | 15514 | 757 | 11044 | 740 | 12061 | 722 | 10055 | 03 | 1 |
| 334 | | | | | | | | | | |
| 366 | | | | | | | | | | |
| 98 | | | | | | | | | | |
| 327 | | | | | | | | | | |
| QLL | | OCEAN | STA | | | | | | | |
| 034 | 295 | 90990 | 250 | 97999 | 008 | 17995 | 068 | 11993 | 03 | 9 |
| 035 | 400 | 70851 | 388 | 73811 | 360 | 75862 | 288 | 89981 | 03 | 9 |
| 041 | 832 | 08012 | 805 | 06524 | | | | | 02 | 8 |
| 044 | 574 | 59755 | 508 | 65994 | 482 | 65994 | 430 | 71998 | 03 | 9 |

# RADIOSONDE AND RAWINSONDE DATA

| Index No. iii | Station Name | 1000 mb. hhh | 1000 mb. TTTTT | 1000 mb. dd | 1000 mb. ff | 850 mb. hhh | 850 mb. TTTTT | 850 mb. dd | 850 mb. ff | 700 mb. hhh | 700 mb. TTTTT | 700 mb. dd | 700 mb. ff | 500 mb. hhh | 500 mb. TTTTT | 500 mb. dd | 500 mb. ff | Hour GG | Code Type |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 051 | 0 532 202 | 068 | 57570 | | | 515 | 57530 | | | 047 | 46370 | | | 932 | 17070 | | | 02 | 7 |
| 053 | 0 527 355 | 054 | 09082 | 09 | 7 | 494 | 07068 | 14 | 13 | 048 | 01503 | 20 | 43 | *** | ***** | | | 04 | 9 |
| 055 | 0 565 510 | 042 | 05031 | | | 483 | 07503 | | | 999 | 00990 | | | 858 | 65744 | | | 03 | 9 |
| 062 | 0 599 197 | 058 | 48390 | 26 | 16 | 500 | 41190 | 26 | 19 | 003 | 24090 | 25 | 28 | 860 | 06750 | 25 | 64 | 02 | 2 |
| 063 | 0 620 330 | 026 | 06046 | | | 458 | 00519 | | | 964 | 55742 | | | 806 | 71845 | | | 04 | 9 |
| 122 | 1 262 221 | 048 | 17135 | | | 508 | 23993 | | | 048 | 12991 | | | 044 | 53998 | | | 03 | 9 |
| 134 | 1 300 400 | 072 | 18162 | 07 | 15 | 527 | 18544 | 12 | 23 | 065 | 10647 | 13 | 17 | 956 | 55990 | 22 | 9 | 03 | 9 |
| 144 | 1 490 480 | 046 | 11118 | 14 | 14 | 489 | 05041 | 16 | 24 | 003 | 00521 | 15 | 7 | 865 | 64728 | 18 | 12 | 03 | 9 |
| 223 | 2 285 343 | 038 | 24 | | | 498 | 17 | | | 036 | 08*** | | | 927 | 54*** | | | 03 | 1 |
| 235 | 2 390 530 | 048 | 19 | | | 517 | 13 | | | 042 | 06*** | | | 961 | 57*** | | | 02 | 9 |
| 246 | 2 440 650 | 060 | 17133 | 26 | 12 | 548 | 15086 | 27 | 28 | 092 | 07023 | 26 | 31 | 974 | 58648 | 24 | 35 | 03 | 9 |
| 360 | 3 660 020 | 117 | 09097 | 22 | 28 | 465 | 05051 | 23 | 37 | 028 | 50509 | 23 | 37 | 658 | 62635 | 23 | 62 | 03 | 5 |
| JULY 11 | | | | | | | | | | | | | | | | | | | |
| | BLOCK 01 | | | | | | | | | | | | | | | | | | |
| 001 | JAN MAYEN | 090 | 03029 | | | 700 | 52524 | | | 916 | 59643 | | | 442 | 74833 | | | 03 | 8 |
| 030 | TROMSO | 062 | 08075 | | | 360 | 52533 | | | 889 | 61616 | | | 377 | 78795 | | | 03 | 8 |
| 384 | GARDERMOEN | 154 | 99999 | | | 521 | 14066 | 29 | 21 | 106 | 04502 | 30 | 22 | 788 | 60652 | 28 | 40 | 03 | 5 |
| 415 | SOLA | 219 | 12082 | | | 580 | 10091 | | | 182 | 06007 | | | 866 | 60681 | | | 03 | 8 |
| | BLOCK 02 | | | | | | | | | | | | | | | | | | |
| 057 | LULEA KALLAS | 092 | 14072 | | | 460 | 07011 | | | 016 | 53573 | | | 610 | 65693 | | | 03 | 8 |
| 077 | STOCKHOLM | 145 | 18123 | 28 | 10 | 540 | 14051 | 30 | 13 | 146 | 05544 | 30 | 11 | 837 | 58707 | 34 | 21 | 03 | 5 |
| 084 | GOTEBORG | 154 | 16146 | | | 550 | 13077 | | | 159 | 05517 | | | 885 | 61672 | | | 03 | 8 |
| | BLOCK 03 | | | | | | | | | | | | | | | | | | |
| 026 | STORNOWAY | 070 | 55550 | 08 | 6 | 525 | 49440 | 24 | 8 | 059 | 43260 | 26 | 22 | 944 | 20040 | 25 | 24 | 08 | 2 |
| 171 | LEUCHARS | 070 | 55550 | | | 519 | 55260 | | | 049 | 42090 | | | 928 | 17700 | | | 02 | 7 |
| 476 | DOWNHAM MKT | 075 | 59500 | 19 | 10 | 527 | 51270 | 07 | 7 | *** | ***** | | | 937 | 15890 | 15 | 21 | 02 | 2 |
| 808 | CAMBORNE | 071 | 61530 | 07 | 9 | 522 | 53350 | 11 | 11 | 049 | 41970 | 14 | 10 | 919 | 08700 | 15 | 15 | 02 | 2 |
| 917 | ALDERGROVE | 077 | 56520 | | | 525 | 51420 | | | 053 | 43100 | | | 933 | 15700 | 19 | 6 | 02 | 2 |
| 953 | VALENTIA | 075 | 63 0 | 08 | 5 | 523 | 50 0 | 05 | 6 | 050 | 41**0 | 12 | 10 | 922 | 10**0 | | | 03 | 2 |
| | BLOCK 04 | | | | | | | | | | | | | | | | | | |
| 018 | KEFLAVIK | 043 | 06056 | 22 | 18 | 474 | 52541 | 24 | 25 | 979 | 54646 | 25 | 36 | 828 | 69733 | 25 | 42 | 03 | 1 |
| 202 | THULE | 634 | 08002 | 07 | 2 | 470 | 02588 | 12 | 8 | 979 | 52659 | 11 | 24 | 832 | 67768 | 11 | 25 | 03 | 1 |
| 231 | SDR STROMFRD | 021 | 09030 | 05 | 12 | 462 | 05009 | 18 | 9 | 979 | 00620 | 18 | 12 | 843 | 63995 | 28 | 16 | 03 | 1 |
| 270 | NARSSARSSUAK | 101 | 59 | | | | | | | *** | ***** | | | *** | ***** | | | 03 | 1 |
| 339 | SCORESBYSUND | 262 | 04 | 00 | | 460 | 04 | 35 | 14 | 667 | 56*** | 04 | 16 | 817 | 70*** | 05 | 22 | 03 | 1 |
| 360 | ANGMAGSSALIK | 099 | 01010 | 00 | | 427 | 05530 | 00 | | 989 | 53660 | 32 | 10 | 581 | 68800 | 33 | 29 | 03 | 5 |
| | BLOCK 06 | | | | | | | | | | | | | | | | | | |
| 011 | THORSHAVN | 199 | 08057 | | | 528 | 05511 | | | 093 | 51621 | | | 709 | 64701 | | | 03 | 8 |
| 180 | KOBENHAVN | 177 | 19142 | 29 | 11 | 562 | 12012 | 27 | 10 | 168 | 07570 | 35 | 16 | 860 | 58723 | 02 | 25 | 03 | 5 |
| 260 | DE BILT | 228 | 11 | | | 602 | 13 | | | 211 | 06663 | | | 903 | 58878 | | | 03 | 8 |
| 447 | UCCLE | 212 | 13106 | | | 588 | 15005 | | | 204 | 07594 | | | 878 | 60710 | | | 03 | 8 |
| 610 | PAYERNE | 205 | | | | 570 | 12061 | 06 | 4 | 165 | 05574 | 36 | 10 | 840 | 59722 | 35 | 17 | 05 | 5 |
| | BLOCK 07 | | | | | | | | | | | | | | | | | | |
| 110 | BREST | 191 | 18133 | 05 | 10 | 605 | 15055 | 15 | 13 | 204 | 04564 | 18 | 10 | 851 | 64755 | 18 | 5 | 02 | 5 |
| 145 | TRAPPES | 208 | 16115 | | | 600 | 15591 | | | 200 | 05722 | | | 890 | 55827 | | | 02 | 8 |
| 190 | STRASBOURG | 206 | 15093 | | | 600 | 10041 | | | 172 | 04557 | | | 842 | 59695 | | | 02 | 8 |
| 480 | LYON | 176 | | | | 570 | 15072 | | | 188 | 06524 | | | 850 | 61714 | | | 02 | 8 |
| 510 | BORDEAUX | 151 | 19145 | 05 | 4 | 560 | 15033 | 22 | 9 | 160 | 04539 | 27 | 4 | 805 | 64742 | 22 | 16 | 02 | 5 |
| 645 | NIMES | 169 | 25178 | | | 600 | 19125 | | | 230 | 07027 | | | 936 | 56618 | | | 02 | 8 |
| | BLOCK 08 | | | | | | | | | | | | | | | | | | |
| 509 | LAGENS | 074 | 17174 | 36 | 20 | 522 | 07057 | 02 | 20 | 034 | 02587 | 01 | 24 | 904 | 63668 | 01 | 29 | 03 | 1 |
| 521 | FUNCHAL | 143 | 20135 | | | 523 | 09056 | | | 111 | 02653 | | | 759 | 6480* | | | 14 | 8 |
| 536 | PORTELA | 125 | 23147 | | | 523 | 13062 | | | 124 | 04642 | | | 776 | 63994 | | | 14 | 8 |
| | BLOCK 10 | | | | | | | | | | | | | | | | | | |
| 034 | SCHLESWIG | 068 | 52510 | 33 | 18 | 500 | 54380 | 35 | 24 | 046 | 40170 | 36 | 19 | 925 | 14850 | 01 | 22 | 02 | 2 |
| 122 | JEVER | 070 | 56510 | | | 525 | 56340 | 32 | 15 | 051 | 45140 | 34 | 13 | 925 | 19890 | 01 | 16 | 08 | 2 |
| 338 | HANNOVER | 069 | 55550 | 30 | 9 | 515 | 49430 | 35 | 11 | 039 | 42130 | 35 | 14 | 915 | 13840 | 01 | 26 | 02 | 2 |
| 384 | TEMPELHOF | 171 | 15111 | 30 | 10 | 560 | 10003 | 32 | 14 | 158 | 02627 | 35 | 27 | 811 | 61775 | 01 | 39 | 03 | 5 |
| 419 | ISERLOHN | 074 | | | | 518 | 52330 | 02 | 14 | 047 | 41120 | 01 | 19 | 923 | 14830 | 01 | 24 | 02 | 2 |
| 633 | WIESBADEN | 218 | 13129 | 00 | | 591 | 11036 | 00 | | 202 | 06569 | 36 | 12 | 889 | 58992 | 02 | 17 | 03 | 5 |
| 866 | MUNCHEN RIEM | 201 | 99999 | 99 | 99 | 573 | 10045 | 29 | 8 | 157 | 51572 | 34 | 16 | 799 | 62743 | 36 | 42 | 03 | 5 |
| | BLOCK 11 | | | | | | | | | | | | | | | | | | |
| 030 | TULLN | 172 | 15142 | 31 | 4 | 564 | 05055 | 34 | 23 | 126 | 53535 | 34 | 24 | 725 | 66**5 | 36 | 42 | 03 | 5 |
| 567 | PRAHA KBELY | 191 | | | | 550 | 09099 | | | 140 | 00517 | | | 770 | 63709 | | | 05 | 5 |
| | BLOCK 16 | | | | | | | | | | | | | | | | | | |
| 596 | ORENDI | | | | | 508 | 66460 | 35 | 21 | 045 | 52930 | 33 | 45 | 936 | 21980 | 32 | 54 | 14 | 2 |
| | BLOCK 17 | | | | | | | | | | | | | | | | | | |
| 130 | ANKARA | | | | | 428 | 13097 | | | 037 | 03011 | | | 686 | 63661 | | | 02 | 8 |
| | BLOCK 40 | | | | | | | | | | | | | | | | | | |
| 427 | BAHREIN | 511 | | | | 480 | 88410 | 30 | 18 | 030 | 64220 | 30 | 38 | 934 | 22040 | 30 | 29 | 14 | 2 |
| 648 | HABBANIYA | 510 | | | | 472 | 83230 | 23 | 12 | 022 | 55140 | | | 925 | 60760 | 26 | 17 | 14 | 2 |
| | BLOCK 42 | | | | | | | | | | | | | | | | | | |
| 182 | NEW DELHI | 505 | | | | 140 | 22190 | | | 309 | 17040 | | | 585 | 56*** | | | 15 | 8 |
| 339 | JODHPUR | 506 | | | | 141 | 24210 | | | 309 | 15030 | | | 581 | 00720 | | | 15 | 8 |
| 807 | CALCUTTA | 502 | | | | 142 | 22190 | | | 309 | 13120 | | | 590 | 00*** | | | 15 | 8 |
| 867 | NAGPUR | 503 | | | | 140 | 19180 | | | 304 | 08080 | | | 576 | 56*** | | | 15 | 8 |
| 909 | VERAVAL | 501 | | | | 141 | 18180 | | | 307 | 11090 | | | *** | ***** | | | 14 | 8 |
| | BLOCK 43 | | | | | | | | | | | | | | | | | | |
| 149 | VIZAGAPATAM | 501 | | | | 142 | 22180 | | | 309 | 11090 | | | 583 | 53530 | | | 14 | 8 |
| 279 | MADRAS | 002 | 29220 | | | 146 | 20170 | | | 311 | 10040 | | | 584 | 53630 | | | 14 | 8 |
| 371 | TRIVANDRUM | 006 | 25230 | | | 148 | 18150 | | | 313 | 12500 | | | 587 | 53*** | | | 15 | 8 |
| | BLOCK 45 | | | | | | | | | | | | | | | | | | |
| 007 | KAI TAK | | | | | | | | | | | | | | | | | | |
| | BLOCK 47 | | | | | | | | | | | | | | | | | | |
| 212 | ZINSEN | 028 | 22205 | | | 489 | 18117 | | | 043 | 08015 | | | 067 | 50612 | | | 03 | 1 |
| 401 | WAKKANAI | 031 | 18136 | | | 483 | 15508 | | | 020 | 11011 | | | 969 | 56703 | | | 03 | 1 |
| 580 | MISAWA | 034 | 17167 | 00 | | 492 | 16086 | 25 | 17 | 028 | 09645 | 24 | 14 | 926 | 53576 | 26 | 17 | 03 | 1 |
| 590 | SENDAI UCMO | 003 | 20191 | | | 468 | 15117 | | | 018 | 08034 | | | 903 | 55617 | | | 03 | 1 |
| 600 | WAJIMA | 023 | 27215 | | | 489 | 21178 | | | 030 | 11098 | | | 929 | 51651 | | | 03 | 1 |
| 635 | NAGOYA | 035 | 27218 | 00 | | 499 | 17997 | 15 | 4 | 036 | 09042 | 22 | 14 | 933 | 53993 | 27 | 15 | 03 | 1 |
| 671 | TOKYO | 030 | 27193 | 17 | 11 | 496 | 20121 | 24 | 10 | 041 | 10034 | 23 | 16 | 938 | 53591 | 32 | 8 | 03 | 1 |
| 744 | YONAGO | 024 | 24227 | | | 487 | 18149 | | | 024 | 10503 | | | 916 | 53707 | | | 03 | 1 |
| 778 | SHIONOMISAKI | 028 | 25231 | | | 487 | 17177 | | | 021 | 09007 | | | 919 | 53688 | | | 03 | 1 |
| 808 | ITAZUKE | 018 | 30241 | 16 | 8 | 486 | 19161 | 23 | 10 | 027 | 09049 | 30 | 13 | 924 | 53705 | 26 | 38 | 03 | 1 |
| 827 | KAGOSHIMA | 028 | 22224 | | | 481 | 10071 | | | 002 | 02024 | | | 881 | 56581 | | | 03 | 1 |
| | BLOCK 60 | | | | | | | | | | | | | | | | | | |
| 120 | PORT LYAUTEY | 050 | 18167 | | | | 13115 | | | 032 | 10008 | | | 909 | 61996 | | | 03 | 6 |
| 390 | M BLANCHE | 115 | 26252 | | | 600 | 28105 | 22 | 16 | 261 | 10572 | 21 | 19 | 818 | 06792 | 18 | 22 | 02 | 5 |
| 570 | COLOMB | 077 | | | | 530 | 26621 | | | 178 | 09748 | | | 852 | 61812 | | | 02 | 8 |
| | BLOCK 61 | | | | | | | | | | | | | | | | | | |
| 642 | DAKAR OUAKAM | 109 | 24223 | | | 520 | 15104 | | | 143 | 07048 | | | 822 | 60647 | | | 07 | 8 |
| | BLOCK 62 | | | | | | | | | | | | | | | | | | |
| 011 | WHEELUS FLD | 137 | | | | 561 | 25384 | | | 222 | 11654 | | | 908 | 60991 | | | 03 | 8 |
| 053 | BENINA | | | | | 495 | 64400 | | | 035 | 55120 | | | 927 | 20800 | | | 02 | 8 |
| | BLOCK 70 | | | | | | | | | | | | | | | | | | |
| 026 | BARROW | 056 | 07057 | 13 | 9 | 494 | 02513 | 20 | 20 | 003 | 54633 | 21 | 23 | 849 | 89761 | 23 | 30 | 03 | 1 |
| 133 | KOTZEBUE | 051 | 12076 | 29 | 9 | | 80 | | | 010 | 51587 | 21 | 6 | 861 | 69740 | 20 | 11 | 03 | 1 |
| 200 | NOME | 044 | 14091 | 12 | 6 | 488 | 06023 | 18 | 16 | 001 | 53567 | 16 | 22 | 845 | 70758 | 18 | 23 | 03 | 1 |
| 204 | GAMBELL | 038 | 04041 | | | 474 | 02027 | | | 982 | 54574 | | | 826 | 69**7 | | | 03 | 1 |
| 261 | FRBNKS WEEKS | 033 | | | | 492 | 13066 | 05 | 12 | 014 | 00523 | 09 | 6 | 871 | 66689 | | | 03 | 1 |
| 273 | ANCH MERRILL | 005 | 20101 | 29 | 4 | 501 | 07039 | 15 | 9 | 015 | 52563 | 11 | 3 | 886 | 66719 | 08 | 23 | 03 | 1 |
| 350 | KODIAK | 101 | 45 | | | | | | | *** | ***** | | | *** | ***** | | | 03 | 1 |
| 361 | YAKUTAT | 066 | 10082 | 12 | 11 | 504 | 02 | 15 | 18 | 012 | 56584 | 15 | 17 | 851 | 71749 | 18 | 23 | 03 | 1 |
| 381 | JUNEAU | 062 | 14109 | 01 | 1 | 506 | 03024 | | | 018 | 52547 | | | 876 | 65694 | | | 03 | 1 |
| 398 | ANNETTE IS | 066 | 13111 | 18 | 3 | 510 | 09522 | 17 | 9 | 030 | 00579 | 18 | 11 | 895 | 64687 | 17 | 14 | 04 | 1 |
| 409 | MASSACRE BAY | | | | | | | | | | | | | | | | | | |
| 439 | AMCHITKA | 101 | 42 | | | | | | | *** | ***** | | | *** | ***** | | | 03 | 1 |
| 485 | FORT GLENN | 018 | 10082 | 33 | 16 | 455 | 02018 | 36 | 8 | 966 | 52427 | 08 | 5 | 819 | 66711 | 13 | 22 | 03 | 1 |
| | BLOCK 72 | | | | | | | | | | | | | | | | | | |
| 202 | MIAMI | 041 | 24234 | 04 | 4 | 505 | 17163 | 16 | 11 | 040 | 07066 | 09 | 7 | *** | ***** | | | 04 | 1 |
| 208 | CHARLESTON | 046 | 24208 | 20 | 3 | 507 | 16135 | 04 | 4 | 046 | 09054 | 04 | 8 | 937 | 56602 | 04 | 11 | 03 | 1 |
| 211 | TAMPA | 043 | 26219 | 07 | 9 | 508 | 16138 | 04 | 4 | 045 | 10586 | 05 | 13 | 938 | 55990 | | | 03 | 1 |
| 219 | ATLANTA | 046 | | | | 510 | 18136 | 31 | 2 | 049 | 08052 | 34 | 6 | 939 | 56594 | | | 03 | 1 |
| 231 | NEW ORLEANS | 044 | 29251 | 22 | 6 | 514 | 19153 | 19 | 3 | 054 | 11058 | 06 | 13 | 953 | 54666 | 04 | 10 | 03 | 1 |
| 240 | LAKE CHARLES | 042 | 29226 | | | 511 | 19136 | | | 050 | 09027 | | | 941 | 55696 | | | 03 | 1 |
| 250 | BROWNSVILLE | 043 | 27231 | 14 | 13 | 510 | 20096 | 14 | 9 | 051 | 10005 | 12 | 5 | 946 | 54669 | 09 | 10 | 03 | 1 |
| 253 | SAN ANTONIO | 041 | | | | 510 | 20160 | 14 | 7 | 050 | 09026 | 14 | 5 | 945 | 54661 | 15 | 11 | 03 | 1 |
| 259 | FT WORTH | 044 | | | | 516 | 21179 | 00 | | 059 | 10066 | 00 | | 957 | 99999 | | | 03 | 1 |
| 265 | BIG SPRING | 032 | | | | 510 | 24125 | 13 | 13 | 055 | 09049 | 14 | 8 | 945 | 56628 | 18 | 19 | 03 | 1 |
| 278 | PHOENIX | 028 | | | | 500 | 22091 | | | 041 | 09048 | | | 929 | 56621 | | | 04 | 1 |
| 304 | HATTERAS | 047 | 23165 | 15 | 8 | 506 | 16568 | 04 | 8 | 042 | 09599 | 04 | 9 | 934 | 55637 | | | 03 | 1 |
| 317 | GREENSBORO | 044 | | | | 508 | 18165 | 24 | 15 | 048 | 10072 | 20 | 6 | 944 | 54553 | 06 | 10 | 03 | 1 |
| 327 | NASHVILLE | 045 | | | | 510 | 18128 | 08 | 10 | 049 | 10053 | 01 | 6 | 944 | 55575 | 08 | 6 | 03 | 1 |
| 340 | LITTLE ROCK | 043 | 25216 | 01 | 3 | 514 | 21181 | 28 | 10 | 057 | 11033 | 32 | 17 | 955 | ***** | | | 03 | 1 |
| 353 | OKLAHOMA CTY | 042 | | | | 511 | 20158 | 25 | 7 | 053 | 10053 | 27 | 11 | 946 | 55682 | 25 | 14 | 03 | 1 |
| 365 | ALBUQUERQUE | 041 | | | | 507 | | | | 042 | 06057 | 23 | 11 | 928 | 55587 | 21 | 9 | 03 | 1 |
| 386 | LAS VEGAS | 008 | | | | 493 | 30057 | 14 | 6 | 046 | 14005 | 16 | 4 | 938 | 60632 | | | 03 | 1 |
| 394 | SANTA MARIA | 037 | 12103 | 29 | 9 | 498 | 23013 | 20 | 3 | 041 | 09509 | 12 | 22 | 933 | 56992 | 31 | 6 | 03 | 1 |
| 405 | WASHINGTON | 045 | 25201 | 07 | 5 | 508 | 17121 | 04 | 10 | 044 | 09035 | | | 938 | 54994 | | | 03 | 1 |
| 445 | COLUMBIA | 048 | | | | 513 | 17133 | 15 | 8 | 050 | 09595 | 34 | 6 | 943 | 55604 | 30 | 11 | 03 | 1 |
| 451 | DODGE CITY | 049 | | | | 508 | 17161 | | | 048 | 10078 | | | 944 | 55596 | | | 03 | 1 |
| 476 | GRAND JUNC | 021 | | | | 504 | 22088 | 07 | 16 | 049 | 10029 | 01 | 5 | 938 | 57638 | 29 | 11 | 03 | 1 |
| 486 | ELY | 014 | | | | 494 | | | | 042 | 13533 | | | 928 | 60615 | | | 03 | 1 |
| 493 | OAKLAND | 032 | 14095 | 33 | 7 | 498 | 23541 | 23 | 8 | 042 | 12622 | 13 | 7 | 933 | 57996 | 26 | 2 | 03 | 1 |
| 506 | NANTUCKET | 047 | 20174 | 22 | 15 | 500 | 18066 | 25 | 19 | 032 | 07053 | 25 | 26 | 917 | 55997 | 28 | 16 | 04 | 1 |
| 518 | ALBANY | 040 | 21201 | 17 | 5 | 499 | 14113 | | | 031 | 08998 | | | 919 | 56995 | | | 03 | 1 |
| 520 | PITTSBURGH | 101 | 42 | | | | | | | *** | ***** | | | *** | ***** | | | 03 | 1 |
| 528 | BUFFALO | 054 | | | | 507 | 12043 | 29 | 13 | 037 | 08996 | 29 | 17 | 925 | 57993 | | | 03 | 1 |
| 534 | CHICAGO | 058 | 16129 | | | 515 | 17990 | | | 052 | 11996 | | | 944 | 55998 | | | 03 | 1 |
| 536 | TOLEDO | 052 | | | | 508 | 15031 | | | 043 | 10990 | | | 930 | 57994 | | | 04 | 1 |
| 553 | OMAHA | 055 | | | | 516 | 14066 | 11 | 10 | 050 | 09996 | 18 | 5 | 940 | 55997 | | | 03 | 1 |
| 562 | N PLATTE | 047 | | | | 510 | 18067 | 16 | 15 | 048 | 08579 | | | 938 | 55997 | | | 03 | 1 |
| 576 | LANDER | 035 | | | | 505 | | | | 047 | 09509 | 01 | 12 | 931 | 59694 | | | 03 | 1 |
| 597 | MEDFORD | 039 | | | | 507 | 18041 | 35 | 9 | 043 | 08521 | 24 | 7 | 922 | 61995 | 21 | 9 | 03 | 1 |
| 606 | PORTLAND | 040 | 16155 | 29 | 4 | 495 | 13067 | 33 | 18 | 022 | 04543 | 26 | 28 | 904 | 57999 | | | 05 | 1 |
| 655 | ST CLOUD | 056 | | | | 513 | 13034 | 13 | 8 | 043 | 06504 | 13 | 16 | 921 | 60666 | 12 | 32 | 03 | 1 |
| 662 | RAPID CITY | 045 | | | | 508 | 16148 | 22 | 2 | 042 | 08042 | 26 | 9 | 927 | 57638 | 29 | 22 | 03 | 1 |
| 681 | BOISE | 030 | | | | 504 | 24010 | 32 | 25 | 046 | 09523 | 34 | 10 | 922 | 62663 | | | 03 | 1 |
| 712 | CARIBOU | 037 | | | | 484 | 07068 | 31 | 17 | 005 | 00526 | 26 | 27 | 874 | 61998 | 25 | 39 | 03 | 1 |
| 734 | SAULT MARIE | 060 | | | | 508 | 11591 | 32 | 19 | 034 | 05661 | 30 | 24 | 907 | 61990 | 30 | 39 | 03 | 1 |
| 747 | INTL FALLS | 053 | | | | 507 | 12031 | 29 | 9 | 032 | 03666 | 28 | 17 | 901 | 61772 | 28 | 37 | 03 | 1 |
| 764 | BISMARCK | 050 | | | | 508 | 15113 | 19 | 15 | 037 | 05012 | 09 | 7 | 912 | 60637 | 29 | 15 | 03 | 1 |
| 768 | GLASGOW | 041 | | | | 508 | 19022 | 14 | 11 | 043 | 06552 | | | 914 | 62764 | | | 03 | 1 |
| 775 | GREAT FALLS | 031 | | | | 502 | 23043 | 34 | 4 | 044 | 08522 | 17 | 7 | 918 | 63655 | | | 03 | 1 |
| 785 | SPOKANE | 030 | | | | 508 | 23037 | 17 | 9 | 050 | 08537 | 30 | 8 | 926 | 63753 | 26 | 12 | 03 | 1 |
| 798 | TATOOSH IS | 062 | 10099 | 23 | 14 | 510 | 13618 | 31 | 13 | 038 | 05665 | 25 | 8 | 910 | 62757 | 21 | 14 | 03 | 1 |
| 815 | STEPHENVILLE | 052 | 15097 | 20 | 12 | 500 | 03044 | 25 | 35 | 016 | 51550 | 25 | 50 | 879 | 61638 | | | 03 | 1 |
| 816 | GOOSE | 012 | | | | 460 | 08071 | 25 | 51 | 982 | 02003 | 22 | 29 | 846 | 76783 | 23 | 52 | 03 | 1 |
| 826 | NITCHEQUON | 018 | | | | 462 | 08054 | | | 929 | 54562 | | | 827 | 69797 | | | 03 | 1 |
| 836 | MOOSONEE | 037 | 15091 | | | 482 | 07004 | | | 998 | 52614 | | | 847 | 68792 | | | 03 | 1 |
| 867 | THE PAS | 035 | | | | 456 | 12037 | | | 982 | 01591 | | | 844 | 63762 | | | 03 | 1 |
| 879 | EDMONTON | 042 | | | | 508 | 17511 | 36 | 8 | 037 | 02542 | 27 | 13 | 900 | 64797 | 30 | 23 | 03 | 1 |
| 896 | PRINCE GEORG | 041 | | | | 508 | 17038 | 05 | 6 | 038 | 04532 | 24 | 7 | 902 | 64745 | 20 | 7 | 03 | 1 |
| 906 | FT CHIMO | 095 | | | | 439 | 03002 | | | 947 | 55536 | | | 791 | 67834 | | | 03 | 1 |
| 907 | PORT HARRISN | 016 | 04022 | | | 443 | 53561 | | | 946 | 56664 | | | 783 | 71845 | | | 03 | 1 |
| 909 | UP FROBISHER | 510 | | | | 424 | 01001 | 02 | 9 | 930 | 55555 | 33 | 3 | 776 | 67671 | 16 | 36 | 03 | 1 |
| 913 | CHURCHILL | 026 | 09054 | 34 | 12 | 463 | 00531 | 29 | 23 | 964 | 58655 | 29 | 41 | 798 | 71808 | 29 | 47 | 03 | 1 |
| 915 | CORAL HARBOR | 502 | | | | 326 | 54563 | | | 921 | 62651 | | | 744 | 75791 | | | 03 | 1 |
| 917 | EUREKA | 028 | 06022 | 30 | 8 | 466 | 04508 | 18 | 3 | 973 | 53582 | 20 | 3 | 824 | 67997 | 22 | 11 | 03 | 1 |
| 918 | ARCTIC BAY | 012 | 04039 | | | 443 | 00509 | | | 946 | 58594 | | | 773 | 77823 | | | 03 | 1 |
| 924 | RESOLUTE | 022 | 07021 | 05 | 21 | 458 | 01542 | 06 | 22 | 963 | 57609 | 05 | 26 | 801 | 72832 | 06 | 24 | 03 | 1 |
| 926 | BAKER LAKE | 101 | 59 | | | | | | | *** | ***** | | | *** | ***** | | | 03 | 1 |
| 934 | FT SMITH | 054 | | | | 501 | 07611 | | | 020 | 00603 | | | 878 | 66995 | | | 03 | 1 |
| 938 | COPPERMINE | 059 | 08012 | | | 492 | 02619 | | | 000 | 52643 | | | 851 | 66752 | | | 02 | 1 |
| 945 | FORT NELSON | 050 | | | | 510 | 14004 | | | 035 | 00569 | | | 892 | 66711 | | | 03 | 1 |
| 964 | WHITEHORSE | 015 | | | | 499 | 09991 | 18 | 18 | 013 | 55591 | 15 | 20 | 857 | 69696 | 17 | 53 | 03 | 1 |

# RADIOSONDE AND RAWINSONDE DATA— Continued

| Index No. iii | 300 mb. hhh | 300 mb. TTTTT | 300 mb. dd | 300 mb. ff | 200 mb. hhh | 200 mb. TTTTT | 200 mb. dd | 200 mb. ff | 100 mb. hhh | 100 mb. TTTTT | 100 mb. dd | 100 mb. ff | Hour GG | Code Type |
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| 055 | 055 | 93995 | | | 918 | 02994 | | | | | | | 03 | 9 |
| 062 | 088 | 70660 | 74 | 12 | 979 | 35 0 | 73 | 6 | 439 | 39**0 | 24 | 23 | 02 | 2 |
| 063 | 975 | 94999 | | | 871 | 92993 | | | 396 | 95991 | | | 04 | 9 |
| 122 | 101 | 43 | | | | | | | | | | | 03 | 9 |
| 134 | 198 | 86990 | 22 | 24 | 085 | 05996 | 22 | 47 | 465 | 20993 | 22 | 14 | 03 | 9 |
| 144 | 064 | 94990 | 20 | 37 | 926 | 01997 | 22 | 19 | 409 | 98999 | | | 03 | 9 |
| 223 | 207 | 71 | | | 156 | 89 | | | | | | | 03 | 1 |
| 235 | 221 | 79 | | | 159 | 98 | | | | | | | 02 | 9 |
| 246 | 101 | 50 | | | | | | | | | | | 03 | 9 |
| 360 | 937 | 87895 | 23 | 90 | | | | | | | | | 03 | 5 |
| 01 | | | | | | | | | | | | | | |
| 001 | 899 | 97998 | | | 721 | 89999 | | | | | | | 03 | 8 |
| 030 | 887 | 92 5 | | | 162 | 93 8 | | | | | | | 03 | 8 |
| 384 | 951 | 88929 | 27 | 32 | | | | | | | | | 03 | 5 |
| 415 | 960 | 88965 | | | 999 | 99999 | | | | | | | 03 | 8 |
| 02 | | | | | | | | | | | | | | |
| 057 | 101 | 43 | | | | | | | | | | | 03 | 8 |
| 077 | 959 | 85958 | 34 | 28 | 229 | 04995 | 34 | 25 | 664 | 05993 | | | 03 | 5 |
| 084 | 957 | 86909 | | | | | | | | | | | 03 | 8 |
| 03 | | | | | | | | | | | | | | |
| 026 | 183 | 70450 | 24 | 38 | | | | | | | | | 08 | 2 |
| 171 | 150 | 65420 | | | 033 | 31 0 | | | | | | | 02 | 7 |
| 476 | 159 | 60400 | 09 | 11 | | | | | | | | | 02 | 2 |
| 808 | 130 | 61410 | 21 | 30 | 422 | | | | | | | | 02 | 2 |
| 917 | 151 | 60400 | 12 | 7 | 021 | 29 0 | 10 | 21 | 461 | 31**0 | | | 02 | 2 |
| 953 | 128 | 57 0 | | | 993 | 34 0 | | | 455 | 33**0 | | | 03 | 2 |
| 04 | | | | | | | | | | | | | | |
| 018 | 011 | 96990 | | | 892 | 93993 | | | 411 | 96997 | | | 03 | 1 |
| 202 | 021 | 95991 | 12 | 48 | 885 | 97998 | | | | | | | 03 | 1 |
| 231 | 051 | 90991 | 28 | 28 | 918 | 03996 | 28 | 23 | | | | | 03 | 1 |
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| 360 | 821 | 95880 | 32 | 31 | 188 | 94890 | 30 | 23 | | | | | 03 | 5 |
| 06 | | | | | | | | | | | | | | |
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| 610 | 540 | 88987 | 34 | 20 | 270 | 00 7 | 29 | 60 | | | | | 05 | 5 |
| 07 | | | | | | | | | | | | | | |
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| 08 | | | | | | | | | | | | | | |
| 509 | 122 | 88907 | 35 | 30 | 992 | 09995 | 35 | 28 | | | | | 03 | 1 |
| 521 | 950 | 85968 | | | 219 | 05999 | | | 655 | 10997 | | | 14 | 8 |
| 536 | 946 | 90996 | | | 216 | 97990 | | | 670 | 03999 | | | 14 | 8 |
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| 034 | 153 | 61 0 | 01 | 17 | 002 | 27 0 | 04 | 24 | 477 | 34**0 | 01 | 13 | 02 | 2 |
| 122 | 170 | 67430 | 01 | 7 | | | | | | | | | 08 | 2 |
| 338 | 138 | 62 0 | 01 | 21 | 009 | 76 0 | 03 | 14 | 447 | 31**0 | 01 | 18 | 02 | 2 |
| 384 | 954 | 41990 | 02 | 43 | | | | | | | | | 03 | 5 |
| 419 | 101 | 43 | | | | | | | | | | | 02 | 2 |
| 633 | 965 | 86994 | 04 | 18 | 234 | 05994 | 36 | 14 | 676 | 04996 | | | 03 | 5 |
| 866 | 952 | 88964 | 01 | 58 | 220 | 03993 | 02 | 63 | | | | | 03 | 5 |
| 11 | | | | | | | | | | | | | | |
| 030 | 935 | 93 1 | 02 | 50 | 204 | 00 3 | 02 | 71 | | | | | 03 | 5 |
| 567 | 950 | 86995 | | | 219 | 05994 | | | 665 | 02993 | | | 05 | 5 |
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| 596 | 182 | 74420 | 32 | 45 | 033 | | | | 509 | 14**0 | | | 14 | 2 |
| 17 | | | | | | | | | | | | | | |
| 130 | 101 | 43 | | | | | | | | | | | 02 | 8 |
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| 427 | 215 | 87590 | | | 142 | 52 0 | 12 | 17 | 549 | 02**0 | 09 | 37 | 14 | 2 |
| 648 | 204 | 89470 | 24 | 27 | 136 | 50 0 | 24 | 27 | 542 | 00**0 | 22 | 11 | 14 | 2 |
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| 182 | 962 | 85 | | | | | | | | | | | 15 | 8 |
| 339 | 975 | 71 | | | 263 | 92 | | | | | | | 15 | 8 |
| 807 | 980 | 71 | | | 270 | 87 | | | | | | | 15 | 8 |
| 867 | | | | | | | | | | | | | 15 | 8 |
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| 371 | 967 | 84 | | | | | | | | | | | 15 | 8 |
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| 381 | | | | | | | | | | | | | 03 | 1 |
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| 409 | 101 | 50 | | | | | | | | | | | 03 | 1 |
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| 202 | | | | | | | | | | | | | 04 | 1 |
| 208 | 101 | 50 | | | | | | | | | | | 03 | 1 |
| 211 | 188 | 82934 | | | 080 | 05991 | | | 447 | 22991 | | | 03 | 1 |
| 219 | 192 | 81880 | | | 090 | 05993 | | | | | | | 03 | 1 |
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| 240 | 189 | 82996 | | | 079 | 06994 | | | 450 | 22999 | | | 03 | 1 |
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| 259 | 220 | 78999 | 19 | 22 | 135 | 98995 | 19 | 19 | | | | | 03 | 1 |
| 265 | 195 | 81993 | 19 | 31 | 099 | 02995 | 19 | 32 | 484 | 20999 | 07 | 16 | 03 | 1 |
| 278 | 178 | | | | | | | | | | | | 04 | 1 |
| 304 | 191 | 80896 | | | 094 | 02991 | | | 466 | 23995 | | | 03 | 1 |
| 317 | 207 | 79838 | 03 | 15 | 115 | 00999 | 32 | 24 | | | | | 03 | 1 |
| 327 | 198 | 81850 | 33 | 7 | 099 | 03997 | 28 | 15 | | | | | 03 | 1 |
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| 353 | 202 | 80991 | 21 | 22 | 105 | 01998 | 20 | 23 | 485 | 23999 | 01 | 7 | 03 | 1 |
| 365 | 182 | 81882 | 06 | 3 | 079 | 05992 | 00 | | | | | | 03 | 1 |
| 386 | 173 | 85995 | | | 066 | 02992 | | | 462 | 20996 | | | 03 | 1 |
| 394 | 162 | 87996 | 27 | 21 | 053 | 01994 | 25 | 29 | 448 | 23991 | 25 | 20 | 03 | 1 |
| 405 | 196 | 80990 | | | 097 | 02993 | | | 482 | 21996 | | | 03 | 1 |
| 445 | 195 | 81931 | 26 | 16 | 092 | 04992 | 25 | 29 | 455 | 23990 | 02 | 5 | 03 | 1 |
| 451 | 201 | 79864 | | | 109 | 01996 | | | | | | | 03 | 1 |
| 476 | 179 | 83875 | 23 | 39 | 071 | 05994 | 22 | 58 | 474 | 16998 | 20 | 4 | 03 | 1 |
| 486 | 153 | 87925 | | | 033 | 05996 | | | 448 | 17998 | | | 03 | 1 |
| 493 | 154 | 89990 | 30 | 8 | 035 | 98999 | 26 | 25 | 456 | 18993 | 25 | 9 | 03 | 1 |
| 506 | 161 | 82991 | | | 052 | 05998 | | | 428 | 15995 | | | 04 | 1 |
| 518 | | | | | | | | | | | | | 03 | 1 |
| 520 | 101 | 42 | | | | | | | | | | | 03 | 1 |
| 528 | 167 | 83992 | | | 055 | 04993 | | | | | | | 03 | 1 |
| 534 | 200 | 80903 | | | 104 | 02990 | | | 493 | 19990 | | | 03 | 1 |
| 536 | 174 | 84990 | | | 062 | 05994 | | | 434 | 18997 | | | 04 | 1 |
| 553 | 189 | 82886 | | | 080 | 05990 | | | 462 | 16998 | | | 03 | 1 |
| 562 | 188 | 82865 | | | 083 | | | | | | | | 03 | 1 |
| 576 | 158 | 87965 | | | 036 | 07996 | | | | | | | 03 | 1 |
| 597 | 134 | 91990 | 26 | 18 | 998 | 07998 | 25 | 33 | | | | | 03 | 1 |
| 606 | 132 | 87992 | | | 021 | 02995 | | | 438 | 12990 | | | 05 | 1 |
| 655 | 158 | 85893 | 26 | 55 | 045 | 05998 | 26 | 94 | 451 | 13991 | | | 03 | 1 |
| 662 | 167 | 84898 | 24 | 62 | 050 | 07993 | 23 | 75 | 463 | ***** | | | 03 | 1 |
| 681 | 132 | 90970 | | | | | | | | | | | 03 | 1 |
| 712 | 084 | 89993 | 24 | 68 | 965 | 98999 | 24 | 97 | | | | | 03 | 1 |
| 734 | 134 | 86968 | | | 012 | | | | | | | | 03 | 1 |
| 747 | 119 | 88957 | 27 | 68 | 992 | 07994 | | | 431 | 08997 | | | 03 | 1 |
| 764 | 136 | 88931 | 26 | 49 | 012 | 08998 | 75 | 15 | 437 | 10994 | | | 03 | 1 |
| 768 | 126 | 91992 | | | 991 | 10993 | | | | | | | 03 | 1 |
| 775 | 130 | 91990 | | | 988 | 11993 | | | 431 | ***** | | | 03 | 1 |
| 785 | 140 | 90991 | 27 | 25 | 011 | 08995 | 27 | 29 | | | | | 03 | 1 |
| 798 | 120 | 91991 | 23 | 23 | 985 | 06991 | 24 | 27 | | | | | 03 | 1 |
| 815 | 101 | 43 | | | | | | | | | | | 03 | 1 |
| 816 | 058 | 88996 | | | 945 | 00999 | | | | | | | 03 | 1 |
| 826 | 004 | 95994 | | | 892 | 92997 | | | 410 | 98997 | | | 03 | 1 |
| 836 | | | | | | | | | | | | | | |
| 867 | | | | | | | | | | | | | | |
| 879 | 100 | 92998 | 26 | 34 | 961 | 07991 | 27 | 29 | 423 | 03996 | 26 | 24 | 03 | 1 |
| 896 | 098 | 92998 | 25 | 14 | 954 | 12999 | 25 | 26 | | | | | 03 | 1 |
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| 907 | | | | | | | | | | | | | | |
| 909 | 969 | 91996 | 16 | 54 | 855 | 96990 | 16 | 25 | 378 | 93995 | | | 03 | 1 |
| 913 | 970 | 95994 | | | 866 | 90997 | | | 412 | 92994 | | | 03 | 1 |
| 915 | | | | | | | | | | | | | | |
| 917 | 011 | 94999 | 20 | 23 | 667 | | | | | | | | 03 | 1 |
| 918 | 923 | 98999 | | | 811 | 90997 | | | 353 | 92996 | | | 03 | 1 |
| 924 | 975 | 97991 | 09 | 43 | 846 | 93998 | 06 | 21 | 381 | 92998 | 01 | 8 | 03 | 1 |
| 926 | 101 | 59 | | | | | | | | | | | 03 | 1 |
| 934 | 069 | 93995 | | | 931 | 02990 | | | 425 | 96995 | | | 03 | 1 |
| 938 | 052 | 91992 | | | 927 | 03993 | | | 434 | 92999 | | | 02 | 1 |
| 945 | 089 | 92997 | | | 957 | 02998 | | | | | | | 03 | 1 |
| 964 | 037 | 97991 | | | 906 | 97994 | | | 408 | 95994 | | | 03 | 1 |

# RADIOSONDE AND RAWINSONDE DATA. SIGNIFICANT LEVELS

| Index No. iii | 1st. 5th. etc. Level PPP | 1st. 5th. etc. Level TTTTT | 2nd. 6th. etc. Level PPP | 2nd. 6th. etc. Level TTTTT | 3rd. 7th. etc. Level PPP | 3rd. 7th. etc. Level TTTTT | 4th. 8th. etc. Level PPP | 4th. 8th. etc. Level TTTTT | Hour GG | Code Type |
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| 053 | 019 | 10100 | 960 | 06049 | 945 | 07058 | 887 | 06041 | 04 | 9 |
| 055 | 015 | 05046 | 997 | 05030 | 987 | 09069 | 958 | 10019 | 03 | 9 |
| 062 | 021 | 51450 | 920 | 38300 | 883 | 41260 | 689 | 24100 | 02 | 2 |
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| 134 | 025 | 20182 | 933 | 12102 | 902 | 20505 | 636 | 05674 | 03 | 9 |
| 144 | 016 | 12124 | 400 | 77853 | 320 | 90000 | 238 | 06998 | 03 | 9 |
| 223 | 013 | 25 | 964 | 21 | 771 | 13*** | 639 | 05*** | 03 | 1 |
| 235 | 017 | 20 | 957 | 19 | 917 | 17*** | 760 | 09*** | 02 | 9 |
| 246 | 021 | 16136 | 936 | 18136 | 802 | 13055 | 682 | 06521 | 03 | 9 |
| 360 | 014 | 10096 | 959 | 07071 | 918 | 07075 | 733 | 01015 | 03 | 5 |
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| 030 | 006 | 09081 | 885 | 50513 | 623 | 68685 | 585 | 70719 | 03 | 8 |
| 384 | 994 | 16083 | 974 | 18107 | 879 | 12034 | 763 | 09086 | 03 | 5 |
| 415 | 024 | 13121 | 974 | 11071 | 910 | 09089 | 874 | 11093 | 03 | 8 |
| 02 | | | | | | | | | | |
| 057 | 011 | 17102 | 981 | 12064 | 825 | 05507 | 713 | 52575 | 03 | 8 |
| 077 | 014 | 16116 | 977 | 21152 | 948 | 21141 | 761 | 06522 | 03 | 5 |
| 084 | 018 | 17153 | 986 | 15147 | 969 | 22171 | 922 | 19121 | 03 | 8 |
| 03 | | | | | | | | | | |
| 026 | 024 | 57570 | | | | | | | 08 | 2 |
| 171 | 025 | 51490 | 013 | 55530 | 976 | 55540 | 958 | 59540 | 02 | 7 |
| 476 | 093 | 51500 | | | | | | | 02 | 2 |
| 808 | 015 | 57540 | | | | | | | 02 | 2 |
| 917 | 020 | 53490 | 977 | 61560 | | | | | 02 | 2 |
| 953 | 026 | 51 0 | 885 | 50 0 | 782 | 50**0 | 225 | 32**0 | 03 | 2 |
| 04 | | | | | | | | | | |
| 018 | 010 | 07062 | 828 | 50534 | 750 | 52656 | 630 | 57648 | 03 | 2 |
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| 231 | 002 | 08037 | 749 | 11052 | 853 | 05007 | 828 | 06116 | 03 | 1 |
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| 339 | 009 | 03 | | 73 | 101 | 56*** | | | 03 | 1 |
| 360 | 006 | 01 | 885 | 01010 | 957 | 07050 | 838 | 05350 | 03 | 5 |
| 06 | | | | | | | | | | |
| 011 | 022 | 10055 | 886 | 01003 | 872 | 05021 | 624 | 54653 | 03 | 8 |
| 180 | 021 | 16142 | | 19147 | 807 | 05257 | 679 | 08**8 | 03 | 5 |
| 260 | 027 | 12119 | | 10 | 974 | 16*** | 935 | 17*** | 03 | 8 |
| 447 | 013 | 13113 | 954 | 16112 | 838 | 16061 | 215 | 04**4 | 03 | 8 |
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| 190 | 007 | 14098 | 984 | 15102 | 937 | 15091 | 895 | 14084 | 02 | 8 |
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| 567 | 989 | 15122 | 870 | 10101 | 775 | 02029 | 680 | 00512 | 05 | 5 |
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| 596 | 000 | 82720 | 960 | 73650 | 716 | 50440 | 692 | 53950 | 14 | 2 |
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| 130 | 905 | 17134 | 876 | 15096 | 814 | 12072 | 769 | 08036 | 02 | 8 |
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| 807 | 997 | 28260 | 953 | 88240 | 873 | 22200 | 831 | 21190 | 15 | 8 |
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| 211 | 014 | 26228 | 822 | 14124 | 772 | 13095 | 757 | 14562 | 03 | 1 |
| 219 | 982 | 24218 | 567 | 00553 | 400 | 65697 | 374 | 68769 | 03 | 1 |
| 231 | 015 | 29261 | 965 | 28229 | 796 | 14124 | 736 | 14051 | 03 | 1 |
| 240 | 014 | 28251 | 676 | 08549 | 600 | 01565 | 536 | 51666 | 03 | 1 |
| 250 | 014 | 28233 | 663 | 08645 | 584 | 02659 | 543 | 51602 | 03 | 1 |
| 253 | 987 | 29211 | 800 | 16132 | 730 | 12046 | 662 | 05009 | 03 | 1 |
| 259 | 993 | 30245 | 975 | 32232 | 811 | 18154 | 744 | 13110 | 03 | 1 |
| 265 | 928 | 29138 | 913 | 30144 | 617 | 02512 | 599 | 01586 | 03 | 1 |
| 278 | 972 | 27197 | 935 | 27157 | 642 | 04014 | 478 | 58633 | 04 | 1 |
| 304 | 016 | 24176 | 979 | 22156 | 966 | 22115 | 878 | 16120 | 03 | 1 |
| 317 | 984 | 23223 | 400 | 64662 | 245 | 90941 | 130 | 18996 | 03 | 1 |
| 327 | 996 | 24232 | 767 | 13111 | 660 | 08023 | 400 | 66691 | 03 | 1 |
| 340 | 006 | 25234 | 967 | 28217 | 669 | 09000 | 628 | 05002 | 03 | 1 |
| 353 | 971 | 27234 | 661 | 07032 | 566 | 50553 | 554 | 50612 | 03 | 1 |
| 365 | 848 | 17165 | 540 | 52535 | 400 | 65715 | 261 | 89963 | 03 | 1 |
| 386 | 933 | 37061 | 922 | 37065 | 476 | 63664 | 456 | 63791 | 03 | 1 |
| 394 | 005 | 12106 | 968 | 11103 | 952 | 19149 | 938 | 23081 | 03 | 1 |
| 405 | 013 | 25217 | 729 | 09066 | 670 | 09643 | 400 | 65997 | 03 | 1 |
| 445 | 990 | 23182 | 962 | 24162 | 816 | 15106 | 790 | 14001 | 03 | 1 |
| 451 | 928 | 19197 | 400 | 66771 | 366 | 70847 | 335 | 74798 | 03 | 1 |
| 476 | 856 | 23083 | 474 | 61643 | 400 | 68769 | 379 | 71851 | 03 | 1 |
| 486 | 812 | 23045 | 400 | 72752 | 288 | 89945 | 097 | 18995 | 03 | 1 |
| 493 | 011 | 15117 | 986 | 15107 | 964 | 25091 | 945 | 26517 | 03 | 1 |
| 506 | 015 | 19197 | 958 | 18096 | 930 | 16113 | 786 | 11096 | 04 | 1 |
| 518 | 004 | 20196 | 982 | 22208 | 755 | 07048 | 728 | 11994 | 03 | 1 |
| 520 | | | | | | | | | | |
| 528 | 994 | 17142 | 936 | 14109 | 897 | 13048 | 864 | 12082 | 03 | 1 |
| 534 | 000 | 16129 | 986 | 18111 | 930 | 19581 | 690 | 11682 | 03 | 1 |
| 536 | 996 | 21175 | 863 | 12104 | 855 | 12086 | 848 | 15514 | 04 | 1 |
| 553 | 984 | 23179 | 974 | 25133 | 837 | 13085 | 811 | 14595 | 03 | 1 |
| 562 | 922 | 19141 | 917 | 23121 | 870 | 20044 | 802 | 15525 | 03 | 1 |
| 576 | 835 | 18102 | 818 | 19081 | 615 | 02573 | 570 | 52585 | 03 | 1 |
| 597 | 969 | 28062 | 680 | 06506 | 652 | 03547 | 616 | 00666 | 03 | 1 |
| 606 | 012 | 14149 | 976 | 19177 | 791 | 09004 | 747 | 06013 | 05 | 1 |
| 655 | 983 | 20161 | 975 | 22143 | 878 | 14097 | 828 | 12565 | 03 | 1 |
| 662 | 908 | 18176 | 470 | 61682 | 400 | 68724 | 283 | 88923 | 03 | 1 |
| 681 | 917 | 26108 | 898 | 28033 | 588 | 54572 | 400 | 75815 | 03 | 1 |
| 712 | 991 | 14134 | 898 | 10068 | 816 | 08063 | 670 | 51654 | 03 | 1 |
| 734 | 982 | 11079 | 946 | 13001 | 932 | 12021 | 672 | 03682 | 03 | 1 |
| 747 | 977 | 16137 | 964 | 19134 | 932 | 18091 | 861 | 12068 | 03 | 1 |
| 764 | 960 | 20163 | 878 | 17091 | 740 | 06044 | 400 | 71838 | 03 | 1 |
| 768 | 943 | 24066 | 932 | 25052 | 594 | 54644 | 570 | 55725 | 03 | 1 |
| 775 | 890 | 24084 | 541 | 59616 | 400 | 74771 | 308 | 89935 | 03 | 1 |
| 785 | 933 | 03511 | 611 | 51573 | 553 | 57722 | 528 | 59759 | 03 | 1 |
| 798 | 019 | 11109 | 968 | 09082 | 942 | 11104 | 898 | 15614 | 03 | 1 |
| 815 | 018 | 16100 | 968 | 15073 | 934 | 15063 | 845 | 08043 | 03 | 1 |
| 816 | 999 | 16111 | 857 | 08071 | 832 | 08710 | 716 | 03026 | 03 | 1 |
| 826 | 947 | 11094 | 906 | 12081 | 828 | 07058 | 687 | 54562 | 03 | 1 |
| 836 | 012 | 15102 | 963 | 14087 | 680 | 53637 | 657 | 55618 | 03 | 1 |
| 867 | 981 | 18127 | 968 | 20118 | 767 | 05517 | 616 | 55667 | 03 | 1 |
| 879 | 941 | 25021 | 925 | 24005 | 673 | 50555 | 611 | 56634 | 03 | 1 |
| 896 | 940 | 26119 | 510 | 22054 | 688 | 01548 | 595 | 56684 | 03 | 1 |
| 906 | 997 | 08078 | 955 | 08059 | 793 | 00521 | 645 | 58689 | 03 | 1 |
| 907 | 004 | 04022 | 900 | 51534 | 828 | 54573 | 781 | 52822 | 03 | 1 |
| 909 | 994 | 06057 | 680 | 56565 | 515 | 65655 | 400 | 78696 | 03 | 1 |
| 913 | 008 | 09064 | 982 | 09031 | 800 | 53552 | 772 | 53584 | 03 | 1 |
| 915 | 992 | 04037 | 917 | 00534 | 660 | 64678 | 612 | 69727 | 03 | 1 |
| 917 | 010 | 05011 | 968 | 11052 | 806 | 03515 | 774 | 50541 | 03 | 1 |
| 918 | 003 | 04035 | 983 | 06043 | 920 | 02019 | 910 | 03024 | 03 | 1 |
| 924 | 006 | 08051 | 967 | 90525 | 737 | 56571 | 583 | 64735 | 03 | 1 |
| 926 | | | | | | | | | | |
| 934 | 996 | 17023 | 887 | 09503 | 837 | 07646 | 820 | 06657 | 03 | 1 |
| 938 | 022 | 09033 | 929 | 06585 | 737 | 51655 | 641 | 56644 | 02 | 1 |
| 945 | 975 | 22111 | 936 | 22058 | 906 | 19028 | 670 | 52594 | 03 | 1 |
| 964 | 938 | 17519 | 672 | 55624 | 604 | 61725 | 518 | 69693 | 03 | 1 |

# RADIOSONDE AND RAWINSONDE DATA. SIGNIFICANT LEVELS

| Index No. iii | 1st. 5th. etc. Level PPP | 1st. 5th. etc. Level TTTTT | 2nd. 6th. etc. Level PPP | 2nd. 6th. etc. Level TTTTT | 3rd. 7th. etc. Level PPP | 3rd. 7th. etc. Level TTTTT | 4th. 8th. etc. Level PPP | 4th. 8th. etc. Level TTTTT | Hour GG | Code Type |
|---|---|---|---|---|---|---|---|---|---|---|
| 051 | 862 | 58540 | 828 | 55480 | 810 | 57490 | 164 | 14**0 | 02 | 7 |
| 053 | 840 | 08063 | 610 | 53585 | 101 | 47*** | | | 04 | 9 |
| 055 | 904 | 08029 | 863 | 08543 | 832 | 06503 | 814 | 04567 | 03 | 9 |
| 062 | 675 | 23110 | 668 | 23110 | 635 | 20050 | 577 | 20900 | 02 | 2 |
| 063 | 356 | 90990 | 285 | 95992 | 071 | 96993 | | | 04 | 9 |
| 122 | 630 | 07998 | 400 | 65990 | | | | | 03 | 9 |
| 134 | 400 | 67997 | 118 | 19990 | | 0*996 | 866 | | 03 | 9 |
| 144 | 405 | 09899 | | | | | | | 03 | 9 |
| 223 | 552 | 00 | 387 | 63 | 281 | 74*** | 252 | 76*** | 03 | 1 |
| 235 | 381 | 68 | 252 | 85 | 177 | 02*** | | | 02 | 9 |
| 246 | 548 | 54 6 | 420 | 66751 | | | | | 03 | 9 |
| 360 | 674 | 51510 | 400 | 73743 | 218 | 03992 | | | 03 | 5 |
| 01 | | | | | | | | | | |
| 001 | 880 | 51510 | 838 | 52521 | 812 | 53535 | 796 | 53542 | 03 | 8 |
| 030 | 546 | 75764 | 510 | 77785 | 470 | 81807 | 455 | 82846 | 03 | 8 |
| 384 | 750 | 09034 | 669 | 00526 | 652 | 02516 | 584 | 00561 | 03 | 5 |
| 415 | 808 | 09062 | 773 | 06037 | 751 | 07022 | 734 | 05009 | 03 | 8 |
| 02 | | | | | | | | | | |
| 057 | 691 | 53581 | 601 | 60657 | 567 | 61651 | 507 | 64697 | 03 | 8 |
| 077 | 651 | 04561 | 282 | 89991 | 159 | 13992 | 098 | 05992 | 03 | 5 |
| 084 | 795 | 09039 | 721 | 07006 | 659 | 02555 | 621 | 01564 | 03 | 8 |
| 03 | | | | | | | | | | |
| 026 | | | | | | | | | | |
| 171 | 577 | 31830 | 518 | 18750 | 505 | 18700 | | | 02 | 8 |
| 476 | | | | | | | | | | |
| 808 | | | | | | | | | | |
| 917 | | | | | | | | | | |
| 953 | 192 | 34 0 | 172 | 39 0 | 142 | 34**0 | 090 | 31**0 | 03 | 2 |
| 04 | | | | | | | | | | |
| 018 | 400 | 80836 | 335 | 90983 | 265 | 01990 | 085 | 97994 | 03 | 1 |
| 202 | 400 | 79857 | 333 | 89954 | 238 | 06995 | 215 | 98999 | 03 | 1 |
| 231 | 752 | 03555 | 678 | 61636 | 602 | 54735 | 476 | 65997 | 03 | 1 |
| 270 | | | | | | | | | | |
| 339 | | | | | | | | | | |
| 360 | 580 | 13100 | 548 | 62760 | 442 | 72830 | 343 | 87880 | 03 | 5 |
| 06 | | | | | | | | | | |
| 011 | 544 | 62704 | 442 | 68756 | 227 | 04993 | 203 | 06993 | 03 | 8 |
| 180 | 178 | 09994 | 148 | 03998 | 109 | 04990 | | | 03 | 5 |
| 260 | 820 | 11511 | 762 | 09627 | 657 | 05683 | 650 | 05721 | 03 | 8 |
| 447 | 180 | 06 4 | 160 | 05 4 | 105 | 08**4 | 038 | 01**0 | 03 | 8 |
| 610 | 797 | 08512 | 765 | 07536 | 694 | 05591 | 664 | 03598 | 05 | 5 |
| 07 | | | | | | | | | | |
| 110 | 785 | 09014 | 700 | 40564 | 670 | 01591 | 644 | 00613 | 02 | 5 |
| 145 | 760 | 11529 | 707 | 05722 | 622 | 05725 | 612 | 50784 | 02 | 8 |
| 190 | 826 | 09023 | 806 | 07015 | 750 | 05538 | 615 | 00602 | 02 | 8 |
| 480 | 700 | 06521 | 650 | 02565 | 606 | 52627 | 500 | 61744 | 02 | 8 |
| 510 | 740 | 08023 | 680 | 00534 | 625 | 53567 | 560 | 55587 | 02 | 5 |
| 645 | 855 | 19128 | 815 | 16117 | 757 | 12065 | 724 | 09031 | 02 | 8 |
| 08 | | | | | | | | | | |
| 509 | 716 | 03015 | 612 | 52611 | 512 | 62636 | 484 | 65702 | 03 | 1 |
| 521 | 622 | 5169 | 444 | 69849 | 400 | 70855 | 370 | 72863 | 14 | 8 |
| 536 | 552 | 57636 | 525 | 60743 | 400 | 74994 | 210 | 98996 | 14 | 8 |
| 10 | | | | | | | | | | |
| 034 | 134 | 31 0 | 125 | 33 0 | 073 | | | | 02 | 2 |
| 122 | | | | | | | | | | |
| 338 | 809 | 50320 | 510 | 14840 | 481 | 12820 | 206 | 27**0 | 02 | 2 |
| 384 | 657 | 00637 | 604 | 53738 | 581 | 54690 | 456 | 64803 | 03 | 5 |
| 419 | | | | | | | | | | |
| 633 | 803 | 09582 | 780 | 10996 | 753 | 10572 | 700 | 06569 | 03 | 5 |
| 866 | 690 | 51604 | 655 | 50629 | 624 | 52708 | 557 | 57665 | 03 | 5 |
| 11 | | | | | | | | | | |
| 030 | 550 | 62716 | 536 | 63801 | 415 | 74**7 | 400 | 78**1 | 03 | 5 |
| 567 | 560 | 59675 | 390 | 72992 | 135 | 01996 | 080 | 02999 | 05 | 5 |
| 16 | | | | | | | | | | |
| 596 | 054 | 32 0 | | | | | | | 14 | 2 |
| 17 | | | | | | | | | | |
| 130 | 650 | 51522 | 578 | 58555 | 555 | 55616 | 504 | 03641 | 02 | 8 |
| 40 | | | | | | | | | | |
| 427 | 455 | 25940 | 430 | 22890 | 289 | 79880 | 143 | 15**0 | 14 | 2 |
| 648 | 622 | 49950 | 560 | 38840 | 512 | 33780 | 461 | 20640 | 14 | 2 |
| 42 | | | | | | | | | | |
| 182 | | | | | | | | | | |
| 339 | 139 | 17 | 128 | 19 | | | | | 15 | 8 |
| 807 | 641 | 10080 | 570 | 04040 | 153 | 95*** | | | 15 | 8 |
| 867 | | | | | | | | | | |
| 909 | 710 | 13090 | 653 | 05 | | | | | 14 | 8 |
| 43 | | | | | | | | | | |
| 149 | | | | | | | | | | |
| 279 | | | | | | | | | | |
| 371 | 727 | 13510 | 530 | 51600 | 450 | 62*** | 300 | 84*** | 15 | 8 |
| 45 | | | | | | | | | | |
| 007 | | | | | | | | | | |
| 47 | | | | | | | | | | |
| 212 | 468 | 55643 | 485 | 59679 | 399 | 61682 | 316 | 68718 | 03 | 1 |
| 401 | 451 | 60730 | 387 | 69833 | 237 | 92990 | 160 | 03990 | 03 | 1 |
| 580 | 765 | 12097 | 644 | 07512 | 606 | 05666 | 464 | 56751 | 03 | 1 |
| 590 | 400 | 63694 | 379 | 65171 | | | 133 | 03995 | 03 | 1 |
| 600 | 611 | 04009 | 531 | 01506 | 417 | 59710 | 387 | 60729 | 03 | 1 |
| 635 | 620 | 05654 | 400 | 62998 | 247 | 90990 | 128 | 15998 | 03 | 1 |
| 671 | 660 | 07526 | 578 | 00531 | 555 | 00530 | 440 | 57674 | 03 | 1 |
| 744 | 667 | 07542 | 627 | 05571 | 573 | 02623 | 464 | 57720 | 03 | 1 |
| 778 | 360 | 56701 | 418 | 60726 | 276 | 76865 | 265 | 76865 | 03 | 1 |
| 808 | 716 | 10066 | 592 | 04618 | 550 | 00642 | 460 | 55731 | 03 | 1 |
| 827 | 121 | 11990 | | | | | | | 03 | 1 |
| 60 | | | | | | | | | | |
| 120 | 650 | 523 | 550 | 57604 | 450 | 67995 | 400 | 73995 | 03 | 6 |
| 390 | 869 | 30138 | 835 | 26084 | 693 | 09573 | 625 | 03623 | 02 | 5 |
| 570 | 534 | 58796 | 480 | 62862 | 397 | 74931 | 341 | 79971 | 02 | 8 |
| 61 | | | | | | | | | | |
| 642 | 764 | 12087 | 650 | 03003 | 598 | 52571 | 540 | 57652 | 07 | 8 |
| 62 | | | | | | | | | | |
| 011 | 831 | 24589 | 595 | 00683 | 508 | 52889 | 493 | 58997 | 03 | 8 |
| 053 | 892 | | | | | | | | 02 | 8 |
| 70 | | | | | | | | | | |
| 026 | 819 | 02562 | 788 | 50642 | | 50586 | 669 | 56602 | 03 | 1 |
| 133 | 470 | 72785 | 400 | 79833 | 325 | 90952 | 220 | 07993 | 03 | 1 |
| 200 | 336 | 90941 | 225 | 08997 | 140 | 57996 | | | 03 | 1 |
| 204 | 400 | | 360 | 88951 | 232 | 07998 | 092 | 95998 | 03 | 1 |
| 261 | 511 | 65677 | 400 | 78876 | 345 | 88933 | 228 | 10996 | 03 | 1 |
| 273 | 400 | 79868 | 336 | 90000 | 218 | 07992 | 205 | 02996 | 03 | 1 |
| 350 | | | | | | | | | | |
| 361 | 112 | 98991 | 072 | 95990 | | | | | 03 | 1 |
| 381 | 400 | 77827 | 348 | 85904 | | | | | 03 | 1 |
| 398 | 798 | 06014 | 755 | 03588 | | 0*526 | 686 | 00602 | 04 | 1 |
| 409 | | | | | | | | | | |
| 439 | | | | | | | | | | |
| 485 | 238 | 10990 | 171 | 92999 | 070 | 92996 | 101 | 58*** | 03 | 1 |
| 72 | | | | | | | | | | |
| 202 | 537 | 55619 | | | | | | | 04 | 1 |
| 208 | 101 | 58 | | | | | | | 03 | 1 |
| 211 | 724 | 11037 | 708 | 11595 | 644 | 64558 | 622 | 04672 | 03 | 1 |
| 219 | 318 | 77866 | 268 | 87916 | 158 | 16995 | | | 03 | 1 |
| 231 | 400 | 64776 | 336 | 73788 | 250 | 88969 | 180 | 08990 | 03 | 1 |
| 240 | 432 | 63795 | 400 | 66998 | 147 | 22995 | 120 | 27998 | 03 | 1 |
| 250 | 452 | 58759 | 400 | 65996 | 134 | 23990 | 131 | 22995 | 03 | 1 |
| 253 | 620 | 06591 | 555 | 00591 | 400 | 65791 | 360 | 71991 | 03 | 1 |
| 259 | 548 | 00602 | 505 | 52997 | | | 413 | 62999 | 03 | 1 |
| 265 | 552 | 51575 | 461 | 58707 | 400 | 67774 | 303 | 80934 | 03 | 1 |
| 278 | 426 | 62796 | 400 | 66807 | 376 | 70846 | 358 | 72766 | 04 | 1 |
| 304 | 860 | 16551 | 835 | 17595 | 766 | 14990 | 729 | 12621 | 03 | 1 |
| 317 | | | | | | | | | | |
| 327 | 261 | 88921 | 150 | 17990 | | | | | 03 | 1 |
| 340 | 576 | 01567 | 520 | 53564 | | | | | 03 | 1 |
| 353 | 538 | 51595 | 400 | 65768 | 346 | 72872 | 256 | 88996 | 03 | 1 |
| 365 | 145 | 16997 | | | | | | | 03 | 1 |
| 386 | 400 | 69995 | 122 | 18997 | 110 | 18993 | 090 | 23990 | 03 | 1 |
| 394 | 917 | 28082 | 668 | 06525 | 657 | 07574 | 635 | 07613 | 03 | 1 |
| 405 | 277 | 85963 | 265 | 87988 | 117 | 22991 | 104 | 22994 | 03 | 1 |
| 445 | 659 | 07643 | 594 | 02523 | 567 | 01663 | 542 | 51672 | 03 | 1 |
| 451 | 245 | 90982 | 158 | 09999 | | | | | 03 | 1 |
| 476 | 362 | 73796 | 266 | 90941 | | | | | 03 | 1 |
| 486 | | | | | | | | | | |
| 493 | 918 | 87523 | 634 | 06655 | 400 | 73990 | 226 | 00994 | 03 | 1 |
| 506 | 604 | 50528 | 592 | 52569 | 578 | 00695 | 400 | 67996 | 04 | 1 |
| 518 | 597 | 01996 | 400 | 67997 | 101 | 68076 | | | 03 | 1 |
| 520 | | | | | | | | | | |
| 528 | 881 | 12569 | 753 | 09647 | 458 | 61794 | 400 | 68833 | 03 | 1 |
| 534 | 540 | 52718 | 400 | 66812 | 250 | 89967 | 132 | 19994 | 03 | 1 |
| 536 | 834 | 16581 | 400 | 66997 | 272 | 89993 | 154 | 17992 | 04 | 1 |
| 553 | 438 | 64993 | 400 | 66993 | 362 | 72853 | 330 | 75815 | 03 | 1 |
| 562 | 797 | 15021 | 747 | 12003 | 635 | 03553 | 574 | 50707 | 03 | 1 |
| 576 | 425 | 68821 | 400 | 71824 | 187 | 09995 | 154 | 07997 | 03 | 1 |
| 597 | 564 | 54741 | 400 | 74990 | 305 | 90990 | 238 | 03994 | 03 | 1 |
| 606 | 681 | 06646 | 400 | 72991 | 291 | 89990 | 149 | 13998 | 05 | 1 |
| 655 | 765 | 09059 | 658 | 04541 | 538 | 57609 | 473 | 62667 | 03 | 1 |
| 662 | 183 | 12991 | 158 | 13999 | 137 | 06998 | 111 | 11990 | 03 | 1 |
| 681 | 265 | 97990 | | | | | | | 03 | 1 |
| 712 | 617 | 53723 | 400 | 75993 | 295 | 90990 | 242 | 98999 | 03 | 1 |
| 734 | 400 | 72866 | 284 | 90972 | 223 | 03997 | 208 | 03995 | 03 | 1 |
| 747 | 831 | 11523 | 672 | 01693 | 574 | 55998 | 555 | 57754 | 03 | 1 |
| 764 | 365 | 76885 | 289 | 89948 | 186 | 10997 | 091 | 11995 | 03 | 1 |
| 768 | 535 | 59714 | 440 | 69781 | 400 | 73849 | 370 | 77909 | 03 | 1 |
| 775 | 215 | 11996 | 182 | 11991 | 171 | 03991 | 125 | 05998 | 03 | 1 |
| 785 | 507 | 62721 | 488 | 64741 | 482 | 64803 | 448 | 66831 | 03 | 1 |
| 798 | 743 | 07592 | 694 | 05673 | 656 | 02991 | 614 | 51724 | 03 | 1 |
| 815 | 747 | 01532 | 555 | 58593 | 400 | 67186 | 340 | 76786 | 03 | 1 |
| 816 | 630 | 54534 | 610 | 53 6 | 495 | 66683 | 470 | 65788 | 03 | 1 |
| 826 | 621 | 57628 | 546 | 65723 | 466 | 73836 | 400 | 82951 | 03 | 1 |
| 836 | 518 | 66772 | 400 | 73858 | 101 | 65*** | | | 03 | 1 |
| 867 | 400 | 75872 | 333 | 85990 | 101 | 58*** | | | 03 | 1 |
| 879 | 577 | 57742 | 555 | 59763 | 540 | 59739 | 400 | 76824 | 03 | 1 |
| 896 | 540 | 61672 | 400 | 77874 | 338 | 86975 | 196 | 13999 | 03 | 1 |
| 906 | 583 | 62777 | 478 | 70723 | 400 | 78838 | 333 | 90950 | 03 | 1 |
| 907 | 746 | 54611 | 638 | 60694 | 597 | 64697 | 580 | 66733 | 03 | 1 |
| 909 | 318 | 90911 | 230 | 98998 | 176 | 93995 | 074 | 93995 | 03 | 1 |
| 913 | 652 | 62661 | 587 | 65739 | 547 | 69769 | 400 | 82893 | 03 | 1 |
| 915 | 600 | 68715 | 575 | 69744 | 536 | 71751 | 400 | 87914 | 03 | 1 |
| 917 | 746 | 50542 | 652 | 56634 | 638 | 56732 | 400 | 79927 | 03 | 1 |
| 918 | 630 | 64643 | 456 | 81921 | 400 | 87997 | 307 | 00990 | 03 | 1 |
| 924 | 456 | 75888 | 400 | 82914 | 342 | 90970 | 260 | 04997 | 03 | 1 |
| 926 | | | | | | | | | | |
| 934 | 808 | 05559 | 759 | 04581 | 742 | 02567 | 719 | 01619 | 03 | 1 |
| 938 | 400 | 76859 | 213 | 05991 | 094 | 92998 | | | 02 | 1 |
| 945 | 400 | 77827 | | | | | | | 03 | 1 |
| 964 | 484 | 70700 | 400 | 79817 | 348 | 89912 | 257 | 03991 | 03 | 1 |

JULY 11

## RADIOSONDE AND RAWINSONDE DATA

| Index No. iii | Station Name | 1000 mb. hhh | TTTTTddx | dd | ff | 850 mb. hhh | TTTTTddx | dd | ff | 700 mb. hhh | TTTTTddx | dd | ff | 500 mb. hhh | TTTTTddx | dd | ff | Hour GG | Code Type |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 968 | AKLAVIK | 052 | 15097 | | | 508 | 15512 | | | 034 | 02562 | | | 899 | 63793 | | | 02 | 1 |
| | BLOCK 74 | | | | | | | | | | | | | | | | | | |
| 043 | NORMAN WELLS | 055 | 24109 | | | 514 | 14011 | | | 039 | 02591 | | | 900 | 66998 | | | 03 | 1 |
| 072 | MOULD BAY | 101 | 57 | | | | | | | *** | ***** | | | *** | ***** | | | 03 | 1 |
| 074 | ISACHSEN | 512 | | | | 469 | 01551 | | | 977 | 54642 | | | 825 | 68994 | | | 03 | 1 |
| 090 | CLYDE RIVER | 018 | 02514 | 19 | 6 | 442 | 00527 | 10 | 17 | 948 | 54589 | 10 | 22 | 791 | 70752 | 17 | 23 | 03 | 1 |
| 109 | PORT HARDY | 066 | 14101 | | | 514 | 11558 | | | 038 | 02595 | | | 902 | 65731 | | | 03 | 1 |
| 188 | MINGAN L PT | 924 | 11110 | 25 | 6 | 462 | 02021 | 27 | 22 | 969 | 54642 | 25 | 45 | 807 | 67999 | | | 04 | 1 |
| | BLOCK 76 | | | | | | | | | | | | | | | | | | |
| 458 | MAZATLAN | 034 | 28244 | | | 501 | 18164 | | | 041 | 09048 | | | 932 | 56595 | | | 02 | 1 |
| 491 | C VICTORIA | 037 | | | | 510 | 20129 | | | 050 | 09525 | | | *** | ***** | | | 02 | 1 |
| 644 | MERIDA | 101 | 40 | | | | | | | *** | ***** | | | *** | ***** | | | 03 | 1 |
| 679 | TACUBAYA | 030 | | | | 411 | | | | 041 | 10072 | | | 934 | 55618 | | | 03 | 1 |
| | BLOCK 78 | | | | | | | | | | | | | | | | | | |
| 016 | KINDLEY FLD | 064 | 23211 | 19 | 11 | 521 | 13098 | 20 | 17 | 049 | 03004 | 20 | 14 | 919 | 61666 | 15 | 5 | 03 | 1 |
| 325 | HAVANA C B | 039 | 25237 | 13 | 5 | 505 | 18157 | 18 | 6 | 044 | 09047 | 10 | 6 | *** | ***** | | | 03 | 1 |
| 501 | SWAN ISLAND | 041 | 26237 | | | 505 | 16111 | | | 041 | 08546 | | | 926 | 57733 | | | 03 | 1 |
| 862 | COOLIDGE FLD | 046 | 25225 | 08 | 12 | 508 | 15127 | 07 | 26 | 442 | 07567 | 06 | 19 | *** | ***** | | | 03 | 1 |
| | BLOCK 91 | | | | | | | | | | | | | | | | | | |
| 066 | MIDWAY ISL | 067 | 23197 | 05 | 15 | 524 | 15058 | 05 | 12 | 060 | 09627 | 04 | 7 | 943 | 59992 | 03 | 5 | 03 | 1 |
| 182 | HONOLULU | 050 | 26181 | 05 | 14 | 512 | 14102 | 03 | 6 | 046 | 10993 | 13 | 5 | 941 | 55993 | 12 | 10 | 03 | 1 |
| 215 | HARMON FLD | | 31235 | 24 | 4 | 494 | 18143 | 07 | 12 | 031 | 09525 | 07 | 7 | 924 | 54667 | 34 | 13 | 03 | 1 |
| 245 | WAKE ISLAND | 043 | 28231 | 11 | 15 | 508 | 17147 | 12 | 18 | 045 | 09033 | 12 | 13 | 923 | 56615 | 14 | 15 | 03 | 1 |
| 275 | JOHNSON IS | 045 | 28221 | 09 | 19 | 511 | 17118 | 09 | 26 | 050 | 10602 | 15 | 14 | 954 | 50990 | 07 | 10 | 03 | 1 |
| QLL | OCEAN STA | | | | | | | | | | | | | | | | | | |
| 034 | 0 355 400 | 081 | 21178 | 21 | 10 | 537 | 12098 | 14 | 4 | 065 | 04525 | 03 | 5 | 943 | 60701 | 14 | 8 | 03 | 9 |
| 035 | 0 340 520 | 076 | 23201 | 23 | 3 | 534 | 14105 | 26 | 5 | 064 | 05002 | 29 | 7 | 941 | 59658 | 28 | 16 | 03 | 9 |
| 044 | 0 450 450 | 083 | 08065 | 30 | 12 | 520 | 04502 | 35 | 14 | 032 | 53670 | 22 | 22 | 885 | 65995 | 32 | 55 | 03 | 9 |
| 051 | 0 516 189 | 073 | 61580 | | | 526 | 55390 | | | 033 | 41210 | | | 925 | 11870 | | | 10 | 7 |
| 053 | 0 527 355 | 072 | 07033 | 36 | 7 | 508 | 05566 | 27 | 8 | 022 | 50705 | 35 | 6 | 881 | 63786 | 02 | 49 | 03 | 9 |
| 054 | 0 529 448 | 066 | 06058 | 21 | 26 | 505 | 05517 | 25 | 10 | 019 | 52683 | 33 | 18 | 871 | 66749 | 04 | 25 | 03 | 9 |
| 055 | 0 565 510 | 027 | 10057 | | | 478 | 12504 | | | 002 | 03672 | | | *** | ***** | | | 03 | 9 |
| 062 | 0 598 197 | 060 | 49480 | 25 | 3 | 498 | 39390 | 24 | 13 | 010 | 31100 | 25 | 20 | 873 | 08830 | 26 | 25 | 08 | 2 |
| 063 | 0 620 330 | 039 | 06058 | | | 474 | 06577 | 28 | 11 | 991 | 50607 | 30 | 22 | 848 | 65764 | 29 | 40 | 03 | 9 |
| 134 | 1 300 400 | 075 | 17133 | 07 | 32 | 530 | 17991 | 09 | 30 | 066 | 10994 | 09 | 16 | 975 | 54996 | 31 | 4 | 03 | 9 |
| 144 | 1 490 480 | 038 | 11114 | 20 | 19 | 480 | 06067 | 21 | 22 | 001 | 02012 | | | 868 | 63713 | | | 03 | 9 |
| 223 | 2 285 344 | 037 | 24 | | | 479 | 17 | | | 028 | 09*** | | | 916 | 54*** | | | 03 | 1 |
| 235 | 2 392 531 | 053 | 20 | | | 507 | 16 | | | 039 | 06*** | | | *** | ***** | | | 03 | 1 |
| 246 | 2 440 650 | 065 | 13103 | 25 | 18 | 459 | 08534 | 25 | 24 | 979 | 02542 | 25 | 31 | 853 | 55990 | 24 | 40 | 03 | 9 |
| 360 | 3 660 020 | 156 | 07052 | | | 490 | 50521 | | | 027 | 54623 | | | 586 | 71808 | | | 03 | 8 |
| | JULY 12 | | | | | | | | | | | | | | | | | | |
| | BLOCK 01 | | | | | | | | | | | | | | | | | | |
| 001 | JAN MAYEN | 131 | 01502 | | | 420 | 54564 | | | 931 | 59644 | | | 463 | 74813 | | | 03 | 8 |
| 030 | TROMSO | 110 | 07061 | | | 130 | 50509 | | | 952 | 60617 | | | 476 | 72741 | | | 03 | 8 |
| 384 | GARDERMOEN | 130 | 99999 | | | 498 | 11041 | 29 | 6 | 086 | 50522 | 23 | 12 | 735 | 63670 | | | 03 | 5 |
| 415 | SOLA | 180 | 11082 | | | 530 | 08049 | | | 122 | 02523 | | | 775 | 63716 | | | 03 | 8 |
| | BLOCK 02 | | | | | | | | | | | | | | | | | | |
| 057 | LULEA KALLAS | 130 | 09027 | | | 470 | 00563 | | | 999 | 55631 | | | 564 | 71796 | | | 03 | 8 |
| 077 | STOCKHOLM | 157 | 15991 | 06 | 7 | 520 | 11999 | 00 | | 116 | 00994 | 30 | 11 | 785 | 59991 | 29 | 23 | 03 | 5 |
| 084 | GOTEBORG | 128 | 16146 | | | 514 | 14075 | | | 118 | 05507 | | | 799 | 59707 | | | 03 | 8 |
| | BLOCK 03 | | | | | | | | | | | | | | | | | | |
| 005 | LERWICK | 056 | 52500 | 25 | 6 | 498 | 43400 | 24 | 12 | 016 | 33330 | 25 | 23 | 879 | 11960 | 25 | 54 | 02 | 2 |
| 026 | STORNOWAY | 058 | 56530 | | | 504 | 49490 | 23 | 21 | 024 | 32320 | 26 | 30 | 892 | 10930 | 25 | 40 | 02 | 2 |
| 171 | LEUCHARS | 058 | 58580 | | | 508 | 56560 | | | 037 | 41380 | | | 913 | 12870 | | | 02 | 7 |
| 743 | LARKHILL | 059 | 59540 | | | 513 | 59350 | 14 | 5 | 045 | 45100 | 23 | 11 | 926 | 15990 | 25 | 24 | 02 | 2 |
| 808 | CAMBORNE | 055 | 61490 | 09 | 12 | 512 | 64200 | 12 | 3 | 046 | 45270 | 20 | 17 | 921 | 12010 | 22 | 32 | 02 | 2 |
| 917 | ALDERGROVE | 064 | 62570 | 06 | 3 | 514 | 49450 | 26 | 6 | 041 | 42200 | 27 | 10 | 916 | 12770 | 26 | 21 | 02 | 2 |
| 953 | VALENTIA | 060 | 68 0 | 05 | 5 | 513 | 56 0 | 31 | 2 | 039 | 39**0 | | | 909 | 07**0 | | | 03 | 2 |
| | BLOCK 04 | | | | | | | | | | | | | | | | | | |
| 018 | KEFLAVIK | 064 | 07048 | 35 | 9 | 499 | 03582 | 01 | 11 | 009 | 52669 | 33 | 19 | 858 | 68844 | 32 | 21 | 03 | 1 |
| 202 | THULE | 027 | 08502 | 27 | 1 | 476 | 02601 | 11 | 2 | 986 | 53581 | 17 | 10 | 842 | 65678 | 19 | 19 | 03 | 1 |
| 270 | NARSSARSSUAK | 101 | 58 | | | | | | | *** | ***** | | | *** | ***** | | | 03 | 1 |
| | BLOCK 06 | | | | | | | | | | | | | | | | | | |
| 180 | KOBENHAVN | 152 | 14128 | 29 | 13 | 434 | 13052 | 28 | 15 | 141 | 05544 | 31 | 16 | 804 | 62736 | 30 | 17 | 03 | 5 |
| 260 | DE BILT | 196 | 20124 | | | 533 | 15021 | | | 203 | 09629 | | | 900 | 59770 | | | 03 | 8 |
| 447 | UCCLE | 178 | 16123 | | | 556 | 14052 | | | 174 | 08579 | | | 854 | 60702 | | | 03 | 8 |
| 610 | PAYERNE | 155 | | | | 540 | 15055 | 10 | 6 | 165 | 08601 | 01 | 8 | 850 | 52748 | 35 | 18 | 05 | 5 |
| | BLOCK 07 | | | | | | | | | | | | | | | | | | |
| 110 | BREST | 137 | 16147 | | | 550 | 18048 | | | 190 | 07533 | | | 860 | 61708 | | | 02 | 5 |
| 145 | TRAPPES | 166 | | | | 580 | 17524 | | | 196 | 09622 | | | 890 | 58772 | | | 02 | 8 |
| 190 | STRASBOURG | 170 | 17124 | | | 580 | 16072 | | | 194 | 09541 | | | 899 | 57771 | | | 02 | 8 |
| 480 | LYON | 142 | | | | 560 | 21145 | | | 215 | 12580 | | | 954 | 55685 | | | 02 | 8 |
| 510 | BORDEAUX | 120 | 25152 | | | 560 | 23074 | | | 207 | 11562 | | | 890 | 63741 | | | 02 | 5 |
| 645 | NIMES | 141 | 21141 | | | 560 | 18085 | | | 202 | 12511 | | | 908 | 58732 | | | 02 | 8 |
| | BLOCK 08 | | | | | | | | | | | | | | | | | | |
| 509 | LAGENS | 064 | 18165 | 31 | 15 | 519 | 13065 | 33 | 11 | 048 | 04565 | 32 | 16 | 915 | 62697 | 29 | 26 | 03 | 1 |
| 521 | FUNCHAL | 160 | 19124 | | | 540 | 10076 | | | 147 | 07651 | | | 854 | 57757 | | | 14 | 8 |
| 536 | PORTELA | 133 | 22141 | | | 507 | 08053 | | | 093 | 00556 | | | 725 | 64993 | | | 14 | 8 |
| | BLOCK 10 | | | | | | | | | | | | | | | | | | |
| 384 | TEMPELHOF | 174 | 15141 | 30 | 7 | 553 | 14003 | 30 | 9 | 164 | 06646 | 36 | 16 | 855 | 59736 | 35 | 11 | 03 | 5 |
| 419 | IBERLOHN | 065 | | | | 519 | 58300 | 05 | 5 | 051 | **000 | 33 | 9 | 933 | 15810 | 29 | 14 | 02 | 2 |
| 633 | WIESBADEN | 186 | 18144 | 06 | 5 | 572 | 11059 | 05 | 6 | 185 | 08996 | 01 | 9 | 887 | 58997 | 34 | 19 | 03 | 5 |
| 866 | MUNCHEN RIEM | 186 | 99999 | 99 | 99 | 563 | 11057 | 03 | 8 | 166 | 03718 | 01 | 13 | 853 | 58998 | 01 | 13 | 03 | 5 |
| | BLOCK 11 | | | | | | | | | | | | | | | | | | |
| 030 | TULLN | 169 | | | | 548 | 10059 | 34 | 42 | 134 | 01002 | 36 | 28 | 797 | 60704 | 02 | 51 | 03 | 5 |
| 567 | PRAHA KBELY | 167 | | | | 540 | 09052 | | | 136 | 06572 | | | 824 | 58713 | | | 05 | 5 |
| | BLOCK 16 | | | | | | | | | | | | | | | | | | |
| 596 | GRENDI | | | | | 499 | 60390 | 03 | 17 | 029 | **200 | 34 | 39 | 916 | 17830 | | | 02 | 2 |
| | BLOCK 17 | | | | | | | | | | | | | | | | | | |
| 130 | ANKARA | | | | | 411 | 10095 | | | 005 | 02007 | | | 643 | 60990 | | | 02 | |
| | BLOCK 42 | | | | | | | | | | | | | | | | | | |
| 182 | NEW DELHI | 505 | | | | 140 | 24200 | | | 307 | 16110 | | | 586 | 50*** | | | 15 | 8 |
| 339 | JODHPUR | 504 | | | | 141 | 23210 | | | 309 | 14140 | | | 586 | 02*** | | | 15 | 8 |
| 475 | BAMRAULI AL | 504 | | | | 140 | 23190 | | | 308 | 14130 | | | 586 | 00510 | | | 15 | 8 |
| 807 | CALCUTTA | 501 | | | | 141 | 20110 | | | 307 | 13030 | | | 583 | 51630 | | | 15 | 8 |
| 867 | NAGPUR | 504 | | | | 139 | 20160 | | | 305 | 13080 | | | 580 | 53*** | | | 14 | 8 |
| 909 | VERAVAL | 502 | | | | 141 | 19190 | | | 306 | 10100 | | | 578 | 56*** | | | 15 | 8 |
| | BLOCK 43 | | | | | | | | | | | | | | | | | | |
| 063 | POONA | 001 | | | | 142 | 18170 | | | 308 | 13080 | | | 586 | 00540 | | | 14 | 8 |
| 149 | VIZAGAPATAM | 502 | | | | 140 | 19190 | | | 304 | 09090 | | | 577 | 53*** | | | 14 | 8 |
| 279 | MADRAS | 003 | 26230 | | | 145 | 17110 | | | 308 | 07070 | | | 580 | 54*** | | | 14 | 8 |
| 371 | TRIVANDRUM | 006 | 26240 | | | 148 | 18140 | | | 312 | 07040 | | | 582 | 57*** | | | 15 | 8 |
| | BLOCK 45 | | | | | | | | | | | | | | | | | | |
| 007 | KAI TAK | | | | | | | | | | | | | | | | | | |
| | BLOCK 47 | | | | | | | | | | | | | | | | | | |
| 401 | WAKKANAI | 056 | 11083 | | | 499 | 12005 | | | 027 | 05513 | | | 910 | 57677 | | | 03 | 1 |
| 412 | SAPPORO OCMO | 043 | 24163 | | | | 15121 | | | 033 | 07024 | | | 918 | 57671 | | | 03 | 1 |
| 580 | MISAWA | 043 | 18168 | 06 | 5 | 501 | 18141 | 17 | 9 | 043 | 13045 | 22 | 14 | 937 | 56990 | 21 | 19 | 03 | 1 |
| 590 | SENDAI OCMO | 038 | 23217 | | | 497 | 18152 | | | 035 | 11055 | | | 937 | 50561 | | | 03 | 1 |
| 635 | NAGOYA | 035 | 27217 | 12 | 6 | 504 | 16147 | 23 | 23 | 041 | 09036 | 21 | 24 | 932 | 05911 | 24 | 31 | 03 | 1 |
| 646 | TATENO | 034 | 30241 | | | 497 | 18148 | | | 042 | 08022 | | | 932 | 55603 | | | 03 | 1 |
| 671 | TOKYO | 036 | 27202 | 18 | 9 | 503 | 20111 | 23 | 14 | 047 | 12064 | 22 | 10 | 951 | 51578 | 26 | 18 | 03 | 1 |
| 744 | YONAGO | 036 | 22217 | | | 491 | 13127 | | | 013 | 07041 | | | 905 | 54689 | | | 04 | 1 |
| 778 | SHIONOMISAKI | 037 | 26244 | | | 498 | 18139 | | | 036 | 11016 | | | 935 | 53643 | | | 05 | 1 |
| 808 | ITAZUKE | 037 | 26217 | 31 | 9 | 501 | 16136 | 27 | 18 | 037 | 10541 | 26 | 18 | 934 | 53995 | 24 | 35 | 03 | 1 |
| 827 | KAGOSHIMA | 036 | 25202 | 19 | 4 | 492 | 15119 | 29 | 28 | 021 | 09002 | 27 | 24 | 908 | 65651 | 24 | 28 | 03 | 1 |
| 931 | KADENA OKINW | 054 | 29244 | 25 | 10 | 523 | 20135 | 21 | 15 | 064 | 10009 | 18 | 7 | 958 | 54681 | 15 | 8 | 03 | 1 |
| | BLOCK 60 | | | | | | | | | | | | | | | | | | |
| 390 | M BLANCHE | 097 | 27137 | 29 | 6 | 570 | 27067 | 36 | 4 | 228 | 12562 | 10 | 5 | 897 | 66812 | 14 | 4 | 02 | 5 |
| 570 | COLOMB | 076 | | | | 540 | 24653 | | | 177 | 09765 | | | 840 | 63941 | | | 02 | 5 |
| | BLOCK 61 | | | | | | | | | | | | | | | | | | |
| 642 | DAKAR OUAKAM | 096 | 24221 | 32 | 8 | 510 | 20016 | 04 | 12 | 148 | 08038 | 06 | 20 | 830 | 60645 | 06 | 16 | 07 | 5 |
| | BLOCK 62 | | | | | | | | | | | | | | | | | | |
| 011 | WHEELUS FLD | 130 | 23187 | 10 | 5 | | | | | *** | ***** | | | 911 | 55996 | 33 | 24 | 21 | 5 |
| 053 | BENINA | 033 | | | | 480 | 55460 | | | 020 | 49**0 | | | 933 | 20701 | | | 02 | 7 |
| | BLOCK 70 | | | | | | | | | | | | | | | | | | |
| 026 | BARROW | 045 | 03503 | 09 | 12 | 486 | 05027 | | | 001 | 51559 | 11 | 26 | 850 | 69734 | | | 03 | 1 |
| 133 | KOTZEBUE | 030 | 19102 | 31 | 12 | 483 | 09037 | 34 | 9 | 003 | 50564 | 22 | 3 | 857 | 67817 | 20 | 15 | 03 | 1 |
| 200 | NOME | 030 | 15093 | 24 | 6 | 479 | 08049 | 13 | 6 | 996 | 52993 | 19 | 9 | 848 | 67787 | 16 | 16 | 03 | 1 |
| 204 | GAMBELL | 035 | 06041 | | | 472 | 01518 | | | 978 | 56590 | | | 821 | 70811 | | | 03 | 1 |
| 219 | BETHEL | 025 | 21092 | 06 | 10 | 476 | 08031 | 09 | 14 | 995 | 51538 | | | 849 | 66751 | | | 03 | 1 |
| 231 | MCGRATH | 021 | | | | 472 | 09078 | | | 992 | 50503 | | | 850 | 66698 | | | 03 | 1 |
| 261 | FRBNKS WEEKS | 023 | | | | 472 | 09031 | | | 988 | 52552 | | | 839 | 67815 | | | 03 | 1 |
| 273 | ANCH MERRILL | 036 | 16081 | 28 | 4 | 480 | 04007 | 11 | 8 | 990 | 54599 | 11 | 11 | 843 | 68732 | 15 | 4 | 04 | 1 |
| 291 | NORTHWAY | 033 | | | | 485 | 09013 | 28 | 4 | 000 | 54587 | 21 | 21 | 843 | 71765 | 23 | 22 | 03 | 1 |
| 316 | FORT RANDALL | 101 | 42 | | | | | | | *** | ***** | | | *** | ***** | | | 03 | 1 |
| 350 | KODIAK | 101 | 45 | | | | | | | *** | ***** | | | *** | ***** | | | 03 | 1 |
| 361 | YAKUTAT | 052 | 10098 | 09 | 10 | 492 | 04039 | 16 | 8 | 007 | 51526 | | | 862 | 67712 | 18 | 10 | 03 | 1 |
| 381 | JUNEAU | 054 | 15121 | | | 500 | 06047 | 17 | 28 | 017 | 50525 | | | 881 | 63661 | | | 03 | 1 |
| 398 | ANNETTE IS | 058 | 13108 | 17 | 9 | | 01809 | | | 023 | 01543 | 22 | 8 | 889 | 63717 | 21 | 13 | 03 | 1 |
| 409 | MASSACRE BAY | 008 | 07067 | | | 443 | 09084 | | | 965 | 01576 | 22 | 28 | 824 | 62716 | 21 | 40 | 03 | 1 |
| 439 | AMCHITKA | 101 | 42 | | | | | | | *** | ***** | | | *** | ***** | | | 03 | 1 |
| 485 | FORT GLENN | 019 | 13105 | 34 | 27 | 465 | 08043 | 03 | 11 | 984 | 01522 | 01 | 14 | 848 | 64737 | 35 | 15 | 03 | 1 |
| | BLOCK 72 | | | | | | | | | | | | | | | | | | |
| 202 | MIAMI | 048 | 26219 | 16 | 8 | 512 | 17131 | 20 | 12 | 049 | 08021 | 21 | 9 | 933 | 58013 | 24 | 4 | 03 | 1 |
| 208 | CHARLESTON | 047 | 25222 | 15 | 2 | 509 | 17093 | 19 | 9 | 045 | 10992 | 15 | 8 | 936 | 55693 | 09 | 10 | 03 | 1 |
| 211 | TAMPA | 043 | 25219 | 15 | 8 | 506 | 16134 | 16 | 12 | 041 | 07025 | 25 | 4 | 926 | 57724 | | | 03 | 1 |
| 219 | ATLANTA | 044 | | | | 507 | 17167 | 20 | 16 | 046 | 10053 | 13 | 4 | 941 | 54585 | 09 | 4 | 03 | 1 |
| 231 | NEW ORLEANS | 038 | 25239 | 33 | 2 | 503 | 18131 | 05 | 4 | 038 | 08012 | 02 | 7 | 921 | 58591 | 22 | 3 | 03 | 1 |
| 240 | LAKE CHARLES | 039 | 27221 | | | 507 | 20113 | | | 048 | 09051 | | | 936 | 56594 | | | 03 | 1 |
| 250 | BROWNSVILLE | 036 | 26224 | 12 | 9 | 503 | 20089 | 07 | 8 | 045 | 10517 | 06 | 10 | 940 | 55616 | 08 | 12 | 03 | 1 |
| 253 | SAN ANTONIO | 034 | | | | 508 | 21147 | 16 | 10 | 050 | 10517 | 06 | 5 | 949 | 53707 | 11 | 4 | 03 | 1 |
| 259 | FT WORTH | 037 | | | | 505 | 19101 | 17 | 7 | 041 | 06528 | 00 | | 919 | 58775 | 27 | 12 | 03 | 1 |
| 265 | BIG SPRING | 025 | | | | 505 | 25125 | 15 | 19 | 052 | 11063 | 21 | 5 | 943 | 55708 | 23 | 8 | 04 | 1 |
| 270 | EL PASO | 014 | | | | 493 | 27123 | 12 | 5 | 041 | 12062 | 20 | 5 | 934 | 56582 | | | 03 | 1 |
| 278 | PHOENIX | 022 | | | | 497 | 23129 | 09 | 2 | 042 | 10032 | 03 | 8 | 933 | 57631 | 06 | 9 | 03 | 1 |
| 304 | HATTERAS | 053 | 25211 | 13 | 12 | 515 | 15118 | 15 | 13 | 050 | 10992 | 13 | 8 | 942 | 54705 | 08 | 9 | 03 | 1 |
| 317 | GREENSBORO | 050 | | | | 514 | 17154 | | | 054 | 10061 | 22 | 7 | 949 | 54616 | 22 | 3 | 03 | 1 |
| 327 | NASHVILLE | 038 | | | | 503 | 19121 | 08 | 1 | 041 | 09042 | 19 | 5 | 934 | 54614 | 26 | 7 | 03 | 1 |
| 340 | LITTLE ROCK | 037 | 26239 | 07 | 2 | 506 | 21142 | 34 | 13 | 049 | 10062 | 33 | 15 | 943 | 55619 | 32 | 18 | 03 | 1 |
| 353 | OKLAHOMA CTY | 033 | | | | 504 | 23123 | 20 | 11 | 047 | 10054 | 24 | 7 | 937 | 55645 | 25 | 24 | 03 | 1 |
| 365 | ALBUQUERQUE | 028 | | | | 502 | | | | 044 | 10075 | 24 | 6 | 933 | 56573 | 22 | 14 | 03 | 1 |
| 386 | LAS VEGAS | 010 | | | | 494 | 29051 | 22 | 9 | 047 | 13518 | 04 | 5 | 937 | 59641 | 10 | 7 | 03 | 1 |
| 394 | SANTA MARIA | 037 | 14137 | 35 | 9 | 496 | 21537 | 21 | 8 | 042 | 11041 | 15 | 18 | 933 | 56993 | 21 | 6 | 03 | 1 |
| 405 | WASHINGTON | 051 | 24213 | 15 | 10 | 513 | 16107 | 17 | 5 | 049 | 10990 | 19 | 6 | 940 | 55995 | | | 03 | 1 |
| 445 | COLUMBIA | 040 | | | | 507 | 18143 | 18 | 7 | 045 | 08069 | 26 | 6 | 938 | 55616 | 26 | 18 | 03 | 1 |
| 451 | DODGE CITY | 033 | | | | 501 | 19167 | 13 | 8 | 042 | 09066 | | | 934 | 55576 | | | 03 | 1 |
| 476 | GRAND JUNC | 014 | | | | 494 | 27082 | 04 | 5 | 047 | 14020 | 26 | 3 | 937 | 58702 | 33 | 13 | 03 | 1 |
| 486 | ELY | 033 | | | | 503 | | | | 043 | 11505 | 11 | 7 | 933 | 58654 | 29 | 11 | 03 | 1 |
| 493 | OAKLAND | 032 | 13096 | 29 | 11 | 494 | 22007 | 18 | 12 | 036 | 10624 | 16 | 24 | 929 | 56993 | 19 | 12 | 03 | 1 |
| 506 | NANTUCKET | 057 | 17167 | 17 | 4 | 513 | 13073 | 36 | 3 | 041 | 08994 | 28 | 21 | 926 | 57997 | 28 | 35 | 03 | 1 |
| 518 | ALBANY | 051 | 22166 | 18 | 3 | 508 | 12097 | 21 | 12 | 037 | 07611 | | | 921 | 57739 | | | 03 | 1 |
| 520 | PITTSBURGH | 101 | 42 | | | | | | | *** | ***** | | | *** | ***** | | | 03 | 1 |
| 528 | BUFFALO | 050 | | | | 507 | 15080 | 21 | 16 | 041 | 09629 | 25 | 16 | 928 | 58765 | | | 03 | 1 |
| 534 | CHICAGO | 045 | | | | 503 | 13094 | 15 | 3 | 038 | 09993 | 25 | 6 | 924 | 57681 | 26 | 23 | 03 | 1 |
| 536 | TOLEDO | 048 | | | | 507 | 18990 | 25 | 4 | 045 | 10990 | | | 929 | 57994 | | | 03 | 1 |
| 553 | OMAHA | 042 | | | | 505 | 15097 | 12 | 3 | 039 | 08538 | 35 | 4 | 928 | 55651 | 26 | 16 | 03 | 1 |
| 562 | N PLATTE | 039 | | | | 503 | 19093 | 19 | 10 | 042 | 08027 | 03 | 12 | 925 | 58601 | | | 03 | 1 |
| 576 | LANDER | 034 | | | | 504 | | | | 047 | 09012 | 36 | 9 | 928 | 60621 | | | 03 | 1 |
| 597 | MEDFORD | 036 | | | | 502 | 18053 | 01 | 3 | 040 | 07509 | 24 | 12 | 920 | 61753 | 29 | 5 | 03 | 1 |

## RADIOSONDE AND RAWINSONDE DATA—Continued

| Index No. iii | 300 mb. hhh | TTTTTddx | dd | ff | 200 mb. hhh | TTTTTddx | dd | ff | 100 mb. hhh | TTTTTddx | dd | ff | Hour GG | Code Type |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
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| 74 | | | | | | | | | | | | | | |
| 043 | 093 | 95990 | | | 944 | 06998 | | | 428 | 97994 | | | 03 | 1 |
| 072 | 101 | 57 | | | | | | | | | | | 03 | 1 |
| 074 | 011 | 94999 | | | 882 | 94997 | | | 409 | 82995 | | | 03 | 1 |
| 090 | 980 | 94997 | 19 | 38 | 852 | 94994 | 19 | 56 | 353 | ***** | | | 03 | 1 |
| 109 | 112 | 89992 | | | 990 | 98998 | | | | | | | 03 | 1 |
| 188 | 010 | | | | | | | | | | | | 04 | 1 |
| 76 | | | | | | | | | | | | | | |
| 458 | 181 | 83871 | | | 073 | 04210 | | | 200 | 00349 | | | 02 | 1 |
| 491 | 101 | 50 | | | | | | | | | | | 02 | 1 |
| 644 | 101 | 40 | | | | | | | | | | | 03 | 1 |
| 679 | 186 | 81137 | | | 086 | 03995 | | | | | | | 03 | 1 |
| 78 | | | | | | | | | | | | | | |
| 016 | 149 | 86914 | | | | | | | | | | | 03 | 1 |
| 325 | | | | | | | | | | | | | | |
| 501 | 161 | 83994 | | | 052 | 04996 | | | 430 | 20996 | | | 03 | 1 |
| 862 | 101 | 50 | | | | | | | | | | | 03 | 1 |
| 91 | | | | | | | | | | | | | | |
| 066 | 143 | 85994 | 09 | 18 | 066 | 03990 | | | 494 | 13994 | | | 03 | 1 |
| 182 | 186 | 84997 | 18 | 17 | 070 | 05990 | 21 | 14 | 453 | 22993 | 12 | 15 | 03 | 1 |
| 215 | 160 | 81993 | 20 | 13 | 063 | 02887 | 35 | 19 | | | | | 03 | 1 |
| 245 | 180 | 82913 | 20 | 11 | 076 | 04994 | 22 | 5 | | | | | 03 | 1 |
| 275 | | | | | | | | | | | | | | |
| QLL | | OCEAN | STA | | | | | | | | | | | |
| 034 | 163 | 89990 | 18 | 18 | 038 | 07999 | 01 | 12 | 437 | 15995 | 00 | | 03 | 9 |
| 035 | 167 | 87972 | 25 | 31 | 043 | 08995 | 33 | 32 | 441 | 15993 | 24 | 31 | 03 | 9 |
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| 223 | 196 | 71 | | | 145 | 88 | | | 634 | 04*** | | | 03 | 1 |
| 235 | 169 | 80 | | | 067 | 04 | | | | | | | 03 | 1 |
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| 360 | 916 | 92000 | | | 191 | 91991 | | | | | | | 03 | 8 |
| 01 | | | | | | | | | | | | | | |
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| 384 | 933 | 91964 | | | 196 | 07992 | | | 639 | 03999 | | | 03 | 5 |
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| 02 | | | | | | | | | | | | | | |
| 057 | 101 | 43 | | | | | | | | | | | 03 | 8 |
| 077 | 954 | 86994 | 28 | 47 | 224 | 02999 | | | | | | | 03 | 5 |
| 084 | 951 | 89972 | | | | | | | | | | | 03 | 8 |
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| 026 | 099 | 60520 | 25 | 44 | | | | | | | | | 02 | 2 |
| 171 | 131 | 63590 | | | 009 | 33 0 | | | 475 | 35**0 | | | 02 | 7 |
| 743 | 144 | 63540 | 23 | 38 | 016 | 29 0 | 23 | 48 | 446 | 25**0 | 22 | 8 | 02 | 2 |
| 808 | 155 | 58 0 | 19 | 39 | | | | | | | | | 02 | 2 |
| 917 | 128 | 61410 | 25 | 58 | 999 | 36 0 | 23 | 31 | 458 | 31**0 | 23 | 14 | 02 | 2 |
| 953 | 119 | 57 0 | | | 981 | 31 0 | | | 390 | 30**0 | | | 03 | 2 |
| 04 | | | | | | | | | | | | | | |
| 018 | 038 | 97990 | 34 | 13 | 915 | 94996 | 30 | 39 | 429 | 96990 | | | 03 | 1 |
| 202 | 044 | 91993 | 21 | 34 | 091 | 10699 | 02 | 33 | 4** | ***** | | | 03 | 1 |
| 270 | 101 | 58 | | | | | | | | | | | 04 | 1 |
| 06 | | | | | | | | | | | | | | |
| 180 | 949 | 90990 | 24 | 23 | 216 | 07990 | 24 | 32 | 659 | 02996 | | | 03 | 5 |
| 260 | 962 | 91 | | | | | | | | | | | 03 | 8 |
| 447 | 580 | 88958 | | | 234 | 75 0 | | | | | | | 03 | 8 |
| 610 | 630 | 83978 | 34 | 30 | 370 | 98 7 | 32 | 45 | | | | | 05 | 5 |
| 07 | | | | | | | | | | | | | | |
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| 145 | 965 | 87028 | | | 284 | 05 4 | | | 656 | 14**1 | | | 02 | 8 |
| 190 | 967 | 86991 | | | 236 | 03 7 | | | 669 | 12**0 | | | 02 | 8 |
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| 645 | 964 | 85032 | | | 237 | 00 0 | | | | | | | 02 | 8 |
| 08 | | | | | | | | | | | | | | |
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| 536 | 936 | 93994 | | | 207 | 97993 | | | 652 | 08997 | | | 14 | 8 |
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| 419 | 155 | 61350 | 29 | 17 | | | | | | | | | 02 | 2 |
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| 866 | 966 | 88953 | 32 | 7 | 227 | 08942 | 35 | 12 | | | | | 03 | 5 |
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| 182 | 261 | 98 | | | | | | | | | | | 15 | 8 |
| 339 | | | | | | | | | | | | | | |
| 475 | 974 | 79 | | | 251 | 01 | | | | | | | 15 | 8 |
| 807 | 101 | 43 | | | | | | | | | | | 15 | 8 |
| 867 | 968 | 75 | | | | | | | | | | | 14 | 8 |
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| 007 | 101 | 50 | | | | | | | | | | | 22 | 8 |
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| 401 | 166 | 79890 | | | 072 | 96990 | | | | | | | 03 | 1 |
| 412 | 165 | 81996 | | | 069 | 97996 | | | | | | | 03 | 1 |
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| 590 | 226 | 73780 | | | 162 | 92999 | | | 624 | 10992 | | | 03 | 1 |
| 635 | 185 | 81843 | 24 | 44 | 887 | 02990 | 25 | 30 | | | | | 03 | 1 |
| 646 | 196 | 76819 | | | 132 | 89992 | | | 611 | 05994 | | | 03 | 1 |
| 671 | 101 | 43 | | | | | | | | | | | 03 | 1 |
| 744 | 149 | 77881 | | | 068 | 98994 | | | | | | | 04 | 1 |
| 778 | 220 | 71805 | | | | | | | | | | | 05 | 1 |
| 808 | 213 | 75872 | 24 | 41 | 142 | 95990 | 25 | 98 | | | | | 03 | 1 |
| 827 | 169 | 77881 | | | 092 | 99994 | | | 492 | 16992 | | | 03 | 1 |
| 931 | 280 | 69901 | 06 | 7 | 128 | 00995 | 04 | 5 | | | | | 03 | 1 |
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| 390 | 963 | 84973 | 18 | 6 | 240 | 95110 | | | | | | | 02 | 5 |
| 570 | 952 | 88097 | | | | | | | | | | | 02 | 5 |
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| 642 | 960 | 84997 | 08 | 13 | 229 | 07 1 | 09 | 16 | | | | | 07 | 5 |
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| 011 | 101 | 55 | | | | | | | | | | | 21 | 5 |
| 053 | 714 | 63410 | | | 076 | 41 0 | | | 472 | 99**0 | | | 02 | 7 |
| 70 | | | | | | | | | | | | | | |
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| 133 | 046 | 94995 | | | 906 | 03997 | 21 | 23 | | | | | 03 | 1 |
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| 204 | 994 | 97990 | | | 848 | 03990 | | | 342 | 97993 | | | 03 | 1 |
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| 316 | 101 | 42 | | | | | | | | | | | 03 | 1 |
| 350 | 101 | 45 | | | | | | | | | | | 03 | 1 |
| 361 | 050 | 94994 | 22 | 10 | | | | | | | | | 03 | 1 |
| 381 | 087 | 92992 | | | 946 | 03990 | | | 434 | 98990 | | | 03 | 1 |
| 398 | 096 | 91999 | 23 | 25 | 957 | 08991 | 25 | 33 | 417 | 01990 | | | 03 | 1 |
| 409 | 045 | 89990 | | | | | | | | | | | 03 | 1 |
| 439 | 101 | 42 | | | | | | | | | | | 03 | 1 |
| 485 | 050 | 92996 | 34 | 20 | 970 | 96993 | 33 | 46 | 488 | 93997 | | | 03 | 1 |
| 72 | | | | | | | | | | | | | | |
| 202 | 175 | 83884 | 30 | 15 | 067 | 05991 | 31 | 17 | | | | | 03 | 1 |
| 208 | 195 | 80937 | 06 | 14 | 095 | 03991 | 04 | 30 | 466 | 23993 | 05 | 24 | 03 | 1 |
| 211 | 159 | 84993 | | | 047 | 06993 | | | | | | | 03 | 1 |
| 219 | 201 | 79858 | | | 105 | 02993 | | | 472 | 22994 | | | 03 | 1 |
| 231 | 171 | | | | | | | | | | | | 03 | 1 |
| 240 | 193 | 80850 | | | 093 | 03998 | | | | | | | 03 | 1 |
| 250 | 948 | 23192 | | | 902 | 23109 | | | 618 | 04605 | | | 03 | 1 |
| 253 | 201 | 80997 | 10 | 5 | | | | | | | | | 03 | 1 |
| 259 | 155 | 83992 | 24 | 10 | 049 | 03997 | 22 | 20 | | | | | 03 | 1 |
| 265 | 194 | 82990 | 23 | 16 | 094 | 03990 | 21 | 28 | 467 | ***** | | | 04 | 1 |
| 270 | 186 | 82890 | | | | | | | | | | | 03 | 1 |
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| 317 | 208 | 79857 | 04 | 10 | 111 | 02998 | | | 492 | ***** | | | 03 | 1 |
| 327 | 191 | 79918 | 28 | 16 | 094 | 02994 | 28 | 29 | | | | | 03 | 1 |
| 340 | 196 | 80914 | 26 | 20 | 102 | 01996 | 24 | 28 | 471 | ***** | | | 03 | 1 |
| 353 | 192 | 80992 | 24 | 33 | 100 | 01991 | 24 | 40 | 482 | 22992 | 25 | 20 | 03 | 1 |
| 365 | 184 | 81857 | 22 | 17 | 080 | | | | | | | | 03 | 1 |
| 386 | 176 | 84964 | 22 | 34 | 072 | 01994 | | | 466 | 21995 | | | 03 | 1 |
| 394 | 165 | 85997 | 22 | 29 | 062 | 00990 | 23 | 32 | 471 | 20992 | 15 | 15 | 03 | 1 |
| 405 | 189 | 82911 | | | 085 | 04991 | | | 461 | 20991 | | | 03 | 1 |
| 445 | 192 | 81998 | 26 | 37 | | | | | | | | | 03 | 1 |
| 451 | 191 | 80865 | | | 094 | 02994 | | | 486 | 19994 | | | 03 | 1 |
| 476 | 177 | 84990 | 25 | 41 | 071 | 02992 | 24 | 43 | 475 | 18998 | 00 | | 03 | 1 |
| 486 | 101 | 50 | | | | | | | | | | | 03 | 1 |
| 493 | 160 | 88990 | 31 | 7 | 043 | 01995 | 23 | 32 | 467 | 16995 | 14 | 6 | 03 | 1 |
| 506 | 162 | 84927 | 28 | 24 | 046 | 07993 | | | 426 | 16995 | | | 03 | 1 |
| 518 | 159 | 84873 | | | 047 | 06995 | | | 439 | 13999 | | | 03 | 1 |
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| 528 | 167 | 83863 | | | 059 | 05992 | | | 454 | ***** | | | 03 | 1 |
| 534 | 168 | 83899 | | | 060 | 05990 | | | 447 | ***** | | | 03 | 1 |
| 536 | 171 | 83949 | | | 056 | 06997 | | | | | | | 03 | 1 |
| 553 | 175 | 82897 | | | 067 | 04991 | | | 462 | ***** | | | 03 | 1 |
| 562 | 168 | 82887 | | | 064 | 03993 | | | | | | | 03 | 1 |
| 576 | 153 | 87914 | | | 029 | 03990 | | | | | | | 03 | 1 |
| 597 | 134 | 90996 | | | | | | | | | | | 03 | 1 |

## RADIOSONDE AND RAWINSONDE DATA
### SIGNIFICANT LEVELS

| Index No. iii | 1st. 5th. etc. Level PPP | TTTTTddx | 2nd. 6th. etc. Level PPP | TTTTTddx | 3rd. 7th. etc. Level PPP | TTTTTddx | 4th. 8th. etc. Level PPP | TTTTTddx | Hour GG | Code Type |
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| 074 | 012 | 01511 | 947 | 01509 | 885 | 00539 | 827 | 00563 | 03 | 1 |
| 090 | 003 | 02511 | 726 | 55571 | 712 | 53566 | 642 | 60686 | 03 | 1 |
| 109 | 022 | 14118 | 930 | 12073 | 883 | 13063 | 833 | 11611 | 03 | 1 |
| 188 | 006 | 11115 | 737 | 54546 | 693 | 53678 | 647 | 56738 | 04 | 1 |
| 76 | | | | | | | | | | |
| 458 | 010 | 29241 | 930 | 23211 | 819 | 16136 | 794 | 16095 | 02 | 1 |
| 491 | 976 | 30182 | 908 | 25169 | 728 | 12040 | 630 | 05555 | 02 | 1 |
| 644 | | | | | | | | | | |
| 679 | 776 | 15120 | 670 | 03458 | 551 | 51565 | 526 | 53444 | 03 | 1 |
| 78 | | | | | | | | | | |
| 016 | 022 | 230 | 935 | 18150 | 785 | 09061 | 570 | 56584 | 03 | 1 |
| 325 | 008 | 25235 | 720 | 10078 | | | | | 03 | 1 |
| 501 | 013 | 24227 | 005 | 27233 | 936 | 21198 | 893 | 19116 | 03 | 1 |
| 862 | 014 | 26234 | 870 | 16167 | 755 | 15132 | 834 | 17138 | 03 | 1 |
| 91 | | | | | | | | | | |
| 066 | 022 | 25191 | 918 | 16158 | 897 | 16148 | 878 | 14104 | 03 | 1 |
| 182 | 017 | 27183 | 830 | 12098 | 815 | 14046 | 761 | 12605 | 03 | 1 |
| 215 | 002 | 31247 | 895 | 21191 | 745 | 11034 | 657 | 07595 | 03 | 1 |
| 245 | 014 | 30241 | 740 | 10077 | 726 | 11042 | 522 | 53566 | 03 | 1 |
| 275 | 015 | 29223 | 884 | 20168 | 814 | 17015 | 770 | 14025 | 03 | 1 |
| QLL | | OCEAN | STA | | | | | | | |
| 034 | 028 | 24182 | 938 | 16157 | 631 | 01618 | 586 | 57646 | 03 | 9 |
| 035 | 026 | 25212 | 977 | 21189 | 554 | 54588 | 509 | 59664 | 03 | 9 |
| 044 | 030 | 10076 | 967 | 06043 | 930 | 08049 | 830 | 03553 | 03 | 9 |
| 051 | 027 | 60580 | | | | | | | 10 | 7 |
| 053 | 026 | 09097 | 952 | 04022 | 880 | 04550 | 860 | 06561 | 03 | 9 |
| 054 | 024 | 08069 | 975 | 04039 | 954 | 08056 | 935 | 09503 | 03 | 9 |
| 055 | 009 | 08059 | 984 | 13027 | 978 | 18049 | 682 | 02713 | 03 | 9 |
| 062 | 021 | 51510 | 905 | 41410 | 881 | 41410 | 944 | 38380 | 08 | 2 |
| 063 | 014 | 07067 | 935 | 02027 | 909 | 04011 | 867 | 05667 | 03 | 9 |
| 134 | 026 | 19156 | 950 | 12004 | 937 | 10051 | 930 | 19533 | 03 | 9 |
| 144 | 013 | 12113 | 544 | 59616 | 400 | 74858 | 302 | 90010 | 03 | 9 |
| 223 | 013 | 25 | 920 | 21 | 767 | 13*** | 629 | 03*** | 03 | 1 |
| 235 | 019 | 20 | 917 | 18 | 885 | 16*** | 647 | 01*** | 03 | 1 |
| 246 | 124 | 12119 | 962 | 12109 | 880 | 11117 | 834 | 16083 | 03 | 9 |
| 360 | 019 | 08065 | 942 | 03031 | 920 | 03034 | 830 | 51541 | 03 | 8 |
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| 001 | 015 | 02001 | 943 | 53531 | 880 | 56565 | 809 | 55593 | 03 | 8 |
| 030 | 012 | 07068 | 400 | 84861 | 285 | 03**2 | 275 | 03**6 | 03 | 8 |
| 384 | 992 | 16095 | 929 | 13062 | 902 | 14069 | 704 | 51523 | 03 | 5 |
| 415 | 019 | 12093 | 983 | 09079 | 967 | 09059 | 954 | 12043 | 03 | 8 |
| 02 | | | | | | | | | | |
| 057 | 015 | 10063 | 974 | 09003 | 809 | 52586 | 740 | 52593 | 03 | 8 |
| 077 | 016 | 15085 | 850 | 11999 | 673 | 52990 | 640 | 00999 | 03 | 5 |
| 084 | 015 | 17153 | 961 | 14122 | 911 | 19207 | 732 | 03004 | 03 | 8 |
| 03 | | | | | | | | | | |
| 005 | 011 | 53500 | 854 | 42400 | 837 | 45430 | 560 | 15070 | 02 | 2 |
| 026 | 019 | 58550 | | | | | | | 02 | 2 |
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| 743 | 006 | 55520 | 987 | 67600 | 960 | 68570 | 885 | 60420 | 02 | 2 |
| 808 | 010 | 58480 | | | | | | | 02 | 2 |
| 917 | 015 | 56520 | 813 | 45400 | 476 | 07780 | 219 | 36**0 | 02 | 2 |
| 953 | 020 | 56 0 | 886 | 56 0 | 862 | 57**0 | 227 | 29**0 | 03 | 2 |
| 04 | | | | | | | | | | |
| 018 | 018 | 05048 | 014 | 08055 | 912 | 02511 | 890 | 04518 | 03 | 1 |
| 202 | 010 | 08505 | 882 | 03541 | 789 | 01614 | 770 | 00556 | 03 | 1 |
| 270 | | | | | | | | | | |
| 06 | | | | | | | | | | |
| 180 | 018 | 15134 | 984 | 13125 | 958 | 19122 | 631 | 50615 | 03 | 5 |
| 260 | 023 | 12112 | 868 | 15024 | 827 | 14518 | 743 | 08574 | 03 | 8 |
| 447 | 009 | 15125 | 985 | 19164 | 965 | 19156 | 935 | 18135 | 03 | 8 |
| 610 | 962 | 12103 | 928 | 15093 | 892 | 16079 | 721 | 09578 | 05 | 5 |
| 07 | | | | | | | | | | |
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| 145 | 000 | 15125 | 965 | 22157 | 950 | 22149 | 912 | 19078 | 02 | 8 |
| 190 | 002 | 16127 | 952 | 23142 | 930 | 22135 | 803 | 11039 | 02 | 8 |
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| 510 | 008 | 23155 | 970 | 28169 | 950 | 27129 | 850 | 23074 | 02 | 5 |
| 645 | 009 | 20126 | 961 | 25191 | 870 | 20104 | 810 | 16062 | 02 | 8 |
| 08 | | | | | | | | | | |
| 509 | 010 | 19163 | 895 | 11103 | 879 | 14099 | 813 | 11027 | 03 | 1 |
| 521 | 012 | 25171 | 885 | 12095 | 810 | 08055 | 796 | 10514 | 14 | 8 |
| 536 | 006 | 23142 | 980 | 18124 | 886 | 10084 | 824 | 06047 | 14 | 8 |
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| 384 | 015 | 14139 | 975 | 16151 | 950 | 15130 | 913 | 16565 | 03 | 5 |
| 419 | 993 | 58540 | | | | | | | 02 | 2 |
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| 866 | 960 | 11094 | 942 | 18104 | 817 | 09050 | 734 | 08702 | 03 | 5 |
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| 030 | 000 | 16137 | 972 | 18135 | 890 | 13103 | 742 | 01019 | 03 | 5 |
| 567 | 986 | 16122 | 934 | 15103 | 860 | 09052 | 634 | 03614 | 05 | 5 |
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| 867 | 962 | 25230 | 515 | 52560 | 250 | 85*** | | | 14 | 8 |
| 909 | 997 | 28250 | 940 | 23220 | 739 | 14140 | 637 | 03500 | 15 | 8 |
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| 412 | 013 | 25176 | | 20161 | 871 | 17141 | 824 | 14111 | 03 | 1 |
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| 635 | 010 | 28219 | 890 | 19162 | 615 | 03026 | 548 | 00691 | 03 | 1 |
| 646 | 009 | 31243 | 572 | 01561 | 400 | 67711 | 164 | 02997 | 03 | 1 |
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| 778 | 004 | 26248 | 935 | 23203 | 680 | 15099 | 567 | 03596 | 05 | 1 |
| 808 | 012 | 27219 | 806 | 13104 | 755 | 12049 | 655 | 08641 | 03 | 1 |
| 827 | 013 | 27228 | 883 | 16119 | 849 | 15119 | 735 | 09031 | 03 | 1 |
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| 570 | 926 | 32602 | 889 | 28627 | 841 | 23661 | 824 | 23653 | 02 | 5 |
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| 026 | 016 | 04018 | 980 | 07004 | 931 | 10058 | 400 | 80843 | 03 | 1 |
| 133 | 010 | 14128 | 985 | 21093 | 813 | 07515 | 584 | 60647 | 03 | 1 |
| 200 | 010 | 16114 | 979 | 16104 | 877 | 10060 | | 00546 | 03 | 1 |
| 204 | 012 | 04031 | 986 | 08055 | 400 | 82923 | 353 | 89986 | 03 | 1 |
| 219 | 008 | 22101 | 822 | 08031 | 588 | 60612 | 533 | 62749 | 03 | 1 |
| 231 | 996 | 17161 | 740 | 02024 | 400 | 79841 | 343 | 88955 | 03 | 1 |
| 261 | 992 | 19134 | 657 | 55576 | 598 | 59637 | 575 | 60662 | 03 | 1 |
| 273 | 006 | 16098 | 790 | 00523 | 761 | 00542 | 670 | 54616 | 04 | 1 |
| 291 | 952 | 18065 | 722 | 53562 | 472 | 75791 | 424 | 80873 | 03 | 1 |
| 316 | | | | | | | | | | |
| 350 | | | | | | | | | | |
| 361 | 018 | 11104 | 829 | 04036 | 630 | 59613 | 607 | 57609 | 03 | 1 |
| 381 | | 15114 | 675 | 51536 | 652 | 51566 | | 75782 | 03 | 1 |
| 398 | 017 | 14122 | 010 | 11099 | 995 | 14109 | 797 | 05538 | 03 | 1 |
| 409 | 001 | 07067 | 910 | 04031 | 860 | 09089 | 804 | 08077 | 03 | 1 |
| 439 | | | | | | | | | | |
| 485 | 004 | 13109 | 971 | 12081 | 944 | 13088 | 759 | 02003 | 03 | 1 |
| 72 | | | | | | | | | | |
| 202 | 016 | 26234 | 888 | 19165 | 630 | 02508 | 600 | 00547 | 03 | 1 |
| 208 | 015 | 21193 | 769 | 11072 | 756 | 13618 | 608 | 03685 | 03 | 1 |
| 211 | 014 | 26225 | 900 | 19162 | 722 | 08058 | 680 | 06506 | 03 | 1 |
| 219 | 981 | 24231 | 673 | 08514 | 661 | 07035 | 431 | 62643 | 03 | 1 |
| 231 | 013 | 26245 | 600 | 00511 | 400 | 67682 | 322 | 77804 | 03 | 1 |
| 240 | 013 | 26226 | 992 | 27215 | 876 | 20167 | 546 | 52594 | 03 | 1 |
| 250 | 012 | 27226 | 948 | 23192 | 902 | 23109 | 618 | 04605 | 03 | 1 |
| 253 | 985 | 28204 | 964 | 31188 | 804 | 17124 | 723 | 11519 | 03 | 1 |
| 259 | 991 | 30232 | 956 | 27138 | 822 | 16094 | 670 | 04552 | 03 | 1 |
| 265 | 926 | 30136 | 901 | 30135 | 639 | 05036 | 588 | 50544 | 04 | 1 |
| 270 | 880 | 29152 | 514 | 55571 | 457 | 59663 | 400 | 66762 | 03 | 1 |
| 278 | 970 | 33187 | 552 | 53565 | 458 | 60771 | 411 | 65819 | 03 | 1 |
| 304 | 018 | 26222 | 785 | 13501 | 770 | 14616 | 567 | 01702 | 03 | 1 |
| 317 | 986 | 22228 | 960 | 24222 | 504 | 54601 | 486 | 54679 | 03 | 1 |
| 327 | 993 | 26201 | 979 | 25151 | 893 | 20084 | 748 | 12073 | 03 | 1 |
| 340 | 004 | 27241 | 636 | 06011 | 595 | 04592 | 466 | 58727 | 03 | 1 |
| 353 | 968 | 25214 | 950 | 28201 | 562 | 51546 | 473 | 57716 | 03 | 1 |
| 365 | 841 | 21151 | 556 | 52547 | 400 | 66696 | 257 | 90940 | 03 | 1 |
| 386 | 934 | 33086 | 884 | 32041 | 443 | 64751 | 406 | 68744 | 03 | 1 |
| 394 | 005 | 15130 | 956 | 12118 | 933 | 23172 | 904 | 23506 | 03 | 1 |
| 405 | 015 | 25223 | 878 | 17137 | 869 | 18065 | 740 | 10053 | 03 | 1 |
| 445 | 987 | 24221 | 964 | 24207 | 400 | 65734 | 376 | 68817 | 03 | 1 |
| 451 | 925 | 22185 | 900 | 23181 | 526 | 54553 | 400 | 65693 | 03 | 1 |
| 476 | 853 | 26088 | 844 | 28094 | 564 | 52551 | 522 | 55678 | 03 | 1 |
| 486 | 814 | 16109 | 807 | 17083 | 400 | 71763 | | | 03 | 1 |
| 493 | 011 | 14105 | 984 | 12086 | 953 | 21147 | 916 | 27505 | 03 | 1 |
| 506 | 019 | 17178 | 952 | 18149 | 905 | 17101 | 780 | 07042 | 03 | 1 |
| 518 | 008 | 18174 | 997 | 24161 | 975 | 22119 | 818 | 10076 | 03 | 1 |
| 520 | | | | | | | | | | |
| 528 | 992 | 18141 | 950 | 19145 | 830 | 13077 | 817 | 14624 | 03 | 1 |
| 534 | 995 | 21172 | 962 | 22154 | 822 | 11072 | 812 | 14595 | 03 | 1 |
| 536 | 995 | 19153 | 990 | 20164 | 946 | 17116 | 930 | 18588 | 03 | 1 |
| 553 | 980 | 24184 | 860 | 15116 | 820 | 16512 | 764 | 10064 | 03 | 1 |
| 562 | 920 | 18165 | 910 | 21165 | 565 | 53555 | 400 | 68721 | 03 | 1 |
| 576 | 835 | 19134 | 824 | 19074 | 400 | 71741 | 230 | 02995 | 03 | 1 |
| 597 | 968 | 28071 | 804 | 15004 | 770 | 14011 | 725 | 10545 | 03 | 1 |

## RADIOSONDE AND RAWINSONDE DATA
### SIGNIFICANT LEVELS

| Index No. iii | 1st. 5th. etc. Level PPP | TTTTTddx | 2nd. 6th. etc. Level PPP | TTTTTddx | 3rd. 7th. etc. Level PPP | TTTTTddx | 4th. 8th. etc. Level PPP | TTTTTddx | Hour GG | Code Type |
|---|---|---|---|---|---|---|---|---|---|---|
| 968 | 572 | 58652 | 560 | 57668 | 439 | 71841 | 430 | 71832 | 02 | 1 |
| 74 | | | | | | | | | | |
| 043 | 226 | 10995 | 060 | 92999 | | | | | 03 | 1 |
| 072 | | | | | | | | | | |
| 074 | 790 | 00603 | 637 | 58693 | 570 | 62694 | 539 | 64784 | 03 | |
| 090 | 484 | 71791 | 470 | 71808 | 400 | 79883 | 327 | 90990 | 03 | |
| 109 | 726 | 04674 | 690 | 01567 | 598 | 56613 | 565 | 58705 | 03 | 1 |
| 188 | 532 | 67994 | 510 | 66999 | 400 | 79990 | 317 | 90990 | 04 | 1 |
| 76 | | | | | | | | | | |
| 458 | 400 | 66712 | 273 | 88913 | 104 | 26996 | | | 02 | 1 |
| 491 | 620 | 03654 | 554 | 01590 | 569 | 00572 | 550 | 51636 | 02 | 1 |
| 644 | | | | | | | | | | |
| 679 | 494 | 56614 | 462 | 59685 | 420 | 64673 | 400 | 66717 | 03 | 1 |
| 78 | | | | | | | | | | |
| 016 | 415 | 68800 | 400 | 70805 | 356 | 77813 | | | 03 | 1 |
| 325 | | | | | | | | | | |
| 501 | 757 | 11056 | 672 | 05587 | 637 | 03549 | 567 | 52646 | 03 | 1 |
| 862 | 812 | 15011 | 766 | 10516 | | | | | 03 | 1 |
| 91 | | | | | | | | | | |
| 066 | 832 | 16005 | 802 | 15036 | 783 | 15526 | 400 | 70990 | 03 | 1 |
| 182 | 677 | 09623 | 657 | 08551 | 557 | 00686 | 400 | 66997 | 03 | 1 |
| 215 | 573 | 00505 | 483 | 56682 | 457 | | 400 | 65802 | 03 | 1 |
| 245 | 525 | 54603 | 478 | 58644 | 453 | 60737 | 136 | 63682 | 03 | 1 |
| 275 | 740 | 12607 | 512 | 10017 | 698 | 10651 | 597 | 08994 | 03 | 1 |
| QLL | | OCEAN | STA | | | | | | | |
| 034 | 462 | 64801 | 304 | 88993 | 189 | 10990 | 114 | 16998 | 03 | 9 |
| 035 | 494 | 60643 | 400 | 71869 | 293 | 88982 | 178 | 11998 | 03 | 9 |
| 044 | 563 | 60787 | 473 | 68838 | 400 | 78902 | 311 | 89004 | 03 | 9 |
| 051 | | | | | | | | | | |
| 053 | 810 | 03607 | 746 | 51546 | 730 | 01673 | 689 | 51713 | 03 | 9 |
| 054 | 810 | 04515 | 766 | 02643 | 320 | 88989 | 225 | 03999 | 03 | 9 |
| 055 | 631 | 51991 | 589 | 54767 | 558 | 60667 | 536 | 62663 | 03 | 9 |
| 062 | | | | | | | | | | |
| 063 | 785 | 04653 | 598 | 57604 | 570 | 60633 | 558 | 60704 | 03 | 9 |
| 134 | 907 | 19572 | 400 | 69998 | 124 | 22997 | 035 | 03998 | 03 | 9 |
| 144 | 179 | 08994 | 074 | 00993 | | | | | 03 | 9 |
| 223 | 600 | 02 | 528 | 52 | 475 | 56*** | 405 | 60*** | 03 | 1 |
| 235 | 532 | 56 | 513 | 56 | 193 | 05*** | 153 | 01*** | 03 | 1 |
| 246 | 750 | 12146 | 024 | 12996 | 628 | 06994 | 588 | 03593 | 03 | 9 |
| 360 | 800 | 00553 | 732 | 52606 | 547 | 68777 | 530 | 68777 | 03 | 8 |
| 01 | | | | | | | | | | |
| 001 | 790 | 56614 | 637 | 62686 | 400 | 85934 | 345 | 94011 | 03 | 8 |
| 030 | 188 | 90 0 | 140 | 93 6 | 115 | 89**7 | 092 | 91**7 | 03 | 8 |
| 384 | 681 | 01529 | 617 | 52566 | 609 | 52575 | 539 | 59631 | 03 | 5 |
| 415 | 876 | 10021 | 756 | 00009 | 740 | 03006 | 634 | 50566 | 03 | 8 |
| 02 | | | | | | | | | | |
| 057 | 499 | 71796 | 489 | 71796 | 413 | 81882 | | | 03 | 8 |
| 077 | 532 | 55996 | 298 | 96998 | 205 | 02997 | 101 | 98996 | 03 | 5 |
| 084 | 706 | 06001 | 665 | 04537 | 616 | 50594 | 580 | 51609 | 03 | 8 |
| 03 | | | | | | | | | | |
| 005 | 526 | 15950 | 366 | 86740 | 265 | 52**0 | 225 | 42**0 | 02 | 2 |
| 026 | | | | | | | | | | |
| 171 | 191 | 33 0 | 182 | 38 0 | 067 | 37**0 | | | 02 | 7 |
| 743 | 875 | 61410 | 572 | 25120 | 560 | 25120 | 316 | 68590 | 02 | 2 |
| 808 | | | | | | | | | | |
| 917 | 158 | 36 0 | 066 | 36 0 | | | | | 02 | 2 |
| 953 | 208 | 29 0 | 122 | 28 0 | 097 | 30**0 | | | 03 | 2 |
| 04 | | | | | | | | | | |
| 018 | 784 | 50633 | 764 | 01623 | 400 | 80937 | 345 | 90003 | 03 | 1 |
| 202 | 752 | 50644 | 670 | 53594 | 625 | 56693 | 546 | 61631 | 03 | 1 |
| 270 | | | | | | | | | | |
| 06 | | | | | | | | | | |
| 180 | 460 | 50627 | 388 | 77879 | 189 | 09990 | 140 | 02993 | 03 | 5 |
| 260 | 702 | 09628 | 650 | 06641 | 566 | 52707 | 529 | 54738 | 03 | 8 |
| 447 | 896 | 14089 | 865 | 14069 | 768 | 10526 | 735 | 10575 | 03 | 8 |
| 610 | 582 | 50688 | 556 | 51694 | 478 | 60766 | 264 | 90**1 | 05 | 5 |
| 07 | | | | | | | | | | |
| 110 | 830 | 17032 | 795 | 14019 | 595 | 53622 | 555 | 55657 | 02 | 5 |
| 145 | 785 | 14584 | 607 | 02687 | 550 | 54745 | 482 | 60788 | 02 | 8 |
| 190 | 777 | 10018 | 678 | 08560 | 620 | 02615 | 536 | 53685 | 02 | 8 |
| 480 | 850 | 21145 | 561 | 01605 | 351 | 77906 | 344 | 81949 | 02 | 8 |
| 510 | 660 | 07592 | 580 | 53684 | 500 | 63744 | 456 | 66764 | 02 | 5 |
| 645 | 690 | 11524 | 660 | 06562 | 588 | 00649 | 522 | 55714 | 02 | 8 |
| 08 | | | | | | | | | | |
| 509 | 789 | 11009 | 617 | 53641 | 566 | 57607 | 542 | 59667 | 03 | 1 |
| 521 | 782 | 10594 | 741 | 09613 | 600 | 04675 | 400 | 71861 | 14 | 8 |
| 536 | 784 | 06019 | 708 | 00535 | 677 | 00644 | 669 | 00654 | 14 | 8 |
| 10 | | | | | | | | | | |
| 384 | 831 | 12015 | 785 | 11631 | 650 | 04685 | 567 | 53797 | 03 | 5 |
| 419 | | | | | | | | | | |
| 633 | 869 | 13083 | 830 | 10017 | 805 | 10561 | 748 | 10994 | 03 | 5 |
| 866 | 629 | 03731 | 549 | 55993 | 400 | 69997 | 374 | 74891 | 03 | 5 |
| 11 | | | | | | | | | | |
| 030 | 688 | 01001 | 552 | 54748 | 400 | 72758 | 337 | 80987 | 03 | 5 |
| 567 | 333 | 76994 | 165 | 10998 | 133 | 06994 | 097 | 04993 | 05 | 5 |
| 16 | | | | | | | | | | |
| 596 | | | | | | | | | | |
| 17 | | | | | | | | | | |
| 130 | 748 | 05041 | | | 613 | 55608 | 567 | 59685 | 02 | |
| 42 | | | | | | | | | | |
| 182 | 485 | 50 | 165 | 10 | | | | | 15 | 8 |
| 339 | | | | | | | | | | |
| 475 | 520 | 00000 | 200 | 01 | | | | | 15 | 8 |
| 807 | | | | | | | | | | |
| 867 | | | | | | | | | | |
| 909 | 546 | 50570 | 490 | 57 | 471 | 56*** | 300 | 77*** | 15 | 8 |
| 43 | | | | | | | | | | |
| 063 | | | | | | | | | | |
| 149 | 225 | 96 | | | | | | | 14 | 8 |
| 279 | 170 | 12 | | | | | | | 14 | 8 |
| 371 | | | | | | | | | | |
| 45 | | | | | | | | | | |
| 007 | | | | | | | | | | |
| 47 | | | | | | | | | | |
| 401 | 231 | 92993 | 177 | 98990 | 101 | 58*** | | | 03 | 1 |
| 412 | 769 | 13063 | 669 | 05 6 | 517 | 55642 | 448 | 62731 | 03 | 1 |
| 580 | 685 | 13032 | 665 | 13603 | 550 | 51997 | 455 | 60771 | 03 | 1 |
| 590 | 600 | 07022 | 475 | 50574 | 432 | 56629 | 400 | 57629 | 03 | 1 |
| 635 | 482 | 56735 | 445 | 60711 | 400 | 65774 | 252 | 90973 | 03 | 1 |
| 646 | 063 | 01993 | | | | | | | 03 | 1 |
| 671 | 430 | 86665 | 400 | 61693 | 290 | 77907 | 840 | 86995 | 03 | 1 |
| 744 | 743 | 09073 | 656 | 05587 | 547 | 50631 | 400 | 64768 | 04 | 1 |
| 778 | 365 | 63737 | 269 | 76843 | 260 | 80990 | 233 | 83993 | 05 | 1 |
| 808 | 625 | 07992 | 582 | 03998 | 560 | 03990 | 490 | 54785 | 03 | 1 |
| 827 | 616 | 09027 | 597 | 01567 | | | 237 | 88992 | 03 | 1 |
| 931 | 760 | 03059 | 740 | 03029 | 616 | 05533 | 557 | 00627 | 03 | 1 |
| 60 | | | | | | | | | | |
| 390 | 878 | 30099 | 846 | 27053 | 785 | 22012 | 696 | 11577 | 02 | 5 |
| 570 | 778 | 18694 | 738 | 14712 | 698 | 08763 | 578 | 56894 | 02 | 5 |
| 61 | | | | | | | | | | |
| 642 | 855 | 20017 | 805 | 18025 | 675 | 05006 | 632 | 00649 | 07 | 5 |
| 62 | | | | | | | | | | |
| 011 | 740 | 14995 | 708 | 13944 | 575 | 02992 | 483 | 57995 | 21 | 5 |
| 053 | 703 | 50135 | 533 | 05470 | 307 | 73440 | 292 | 72440 | 02 | 7 |
| 70 | | | | | | | | | | |
| 026 | 337 | 88967 | 228 | 06994 | 139 | 94997 | | | 03 | 1 |
| 133 | 525 | 877 | 400 | 79911 | 327 | 90003 | 215 | 07997 | 03 | 1 |
| 200 | 630 | 57628 | 593 | 59711 | 553 | 63773 | 423 | 76866 | 03 | 1 |
| 204 | | | | | | | | | | |
| 219 | 400 | 80891 | 335 | 90983 | 264 | 02999 | 220 | 05994 | 03 | 1 |
| 231 | 230 | 09996 | 115 | 96995 | | | | | 03 | 1 |
| 261 | 539 | 64686 | 517 | 65797 | 496 | 68813 | 101 | 55*** | 03 | 1 |
| 273 | 620 | 57614 | 584 | 58705 | 554 | 61771 | 538 | 63714 | 04 | 1 |
| 291 | 400 | 83895 | 360 | 90002 | 287 | 97993 | 220 | 93993 | 03 | 1 |
| 316 | | | | | | | | | | |
| 350 | | | | | | | | | | |
| 361 | 400 | 79862 | | | | | | | 03 | 1 |
| 381 | 310 | 90933 | 215 | 10995 | 090 | 97997 | | | 03 | 1 |
| 398 | 765 | 04514 | 698 | 00557 | 684 | 00995 | 546 | 59653 | 03 | 1 |
| 409 | 705 | 02562 | 685 | 50633 | 650 | 50593 | 540 | 59700 | 03 | 1 |
| 439 | | | | | | | | | | |
| 485 | 742 | 03027 | 614 | 56593 | 400 | 76840 | 314 | 90962 | 03 | 1 |
| 72 | | | | | | | | | | |
| 202 | 470 | 60639 | 400 | 68761 | 344 | 76866 | 265 | 89938 | 03 | 1 |
| 208 | 574 | 50566 | 556 | 52576 | 536 | 51719 | 459 | 58761 | 03 | 1 |
| 211 | 662 | 05003 | 602 | 01681 | 587 | 50613 | 564 | 51698 | 03 | 1 |
| 219 | 400 | 64683 | 329 | 74827 | 256 | 88926 | 154 | 16998 | 03 | 1 |
| 231 | | | | | | | | | | |
| 240 | 532 | 53668 | 515 | 56591 | 400 | 66701 | 254 | 89957- | 03 | 1 |
| 250 | 589 | 02571 | 576 | 01645 | 101 | 55*** | | | 03 | 1 |
| 253 | 628 | 08590 | 400 | 65809 | | | | | 03 | 1 |
| 259 | 400 | 69990 | 260 | 90990 | 125 | 26990 | 101 | 58*** | 03 | 1 |
| 265 | 472 | 59762 | 400 | 66994 | 258 | 90990 | 146 | 16995 | 04 | 1 |
| 270 | 398 | 66771 | 272 | 87944 | 239 | 94999 | | | 03 | 1 |
| 278 | 400 | 67766 | 385 | 69742 | 267 | 89004 | 208 | 02994 | 03 | 1 |
| 304 | 542 | 52613 | 530 | 51719 | 464 | 57709 | 435 | 60784 | 03 | 1 |
| 317 | 400 | 64709 | 362 | 69739 | 333 | 74815 | 278 | 83887 | 03 | 1 |
| 327 | 400 | 65694 | 373 | 69737 | 289 | 82943 | 183 | 07990 | 03 | 1 |
| 340 | 444 | 60673 | 420 | 62785 | 400 | 65814 | 381 | 68747 | 03 | 1 |
| 353 | 400 | 66782 | 382 | 67769 | 366 | 70856 | 250 | 88996 | 03 | 1 |
| 365 | 206 | 03994 | | | | | | | 03 | 1 |
| 386 | 362 | 74788 | 325 | 80844 | 273 | 87999 | 107 | 22995 | 03 | 1 |
| 394 | 764 | 18046 | 684 | 09031 | 659 | 07522 | 629 | 03547 | 03 | 1 |
| 405 | 722 | 11642 | 400 | 67992 | 385 | 68844 | 372 | 70766 | 03 | 1 |
| 445 | 350 | 73821 | 318 | 77901 | 252 | 89998 | 245 | 91993 | 03 | 1 |
| 451 | 249 | 90971 | 177 | 08995 | 109 | 20991 | 093 | 18998 | 03 | 1 |
| 476 | 400 | 69821 | 327 | 79906 | 077 | 15990 | | | 03 | 1 |
| 486 | | | | | | | | | | |
| 493 | 648 | 08995 | 400 | 71991 | 230 | 00995 | 169 | 08996 | 03 | 1 |
| 506 | 745 | 10647 | 490 | 58768 | 438 | 64766 | 400 | 70743 | 03 | 1 |
| 518 | 758 | 11553 | 560 | 52649 | 468 | 61698 | 434 | 64794 | 03 | 1 |
| 520 | | | | | | | | | | |
| 528 | 770 | 13991 | 716 | 11633 | 460 | 60711 | 455 | 62791 | 03 | 1 |
| 534 | 515 | 55726 | 476 | 59646 | 400 | 68713 | 340 | 75841 | 03 | 1 |
| 536 | 548 | 54997 | 434 | 64793 | 400 | 68766 | 372 | 72763 | 03 | 1 |
| 553 | 657 | 06611 | 616 | 03554 | 600 | 01602 | 588 | 00565 | 03 | 1 |
| 562 | 262 | 90951 | 157 | 12997 | 155 | 12994 | | | 03 | 1 |
| 576 | 157 | 07992 | 147 | 06993 | | | | | 03 | 1 |
| 597 | 678 | 05006 | 638 | 02522 | 604 | 00701 | 400 | 74651 | 03 | 1 |

## JULY 12

# RADIOSONDE AND RAWINSONDE DATA

| Index No. iii | Station Name | 1000 mb. hhh | 1000 mb. TTTTT ddy | 1000 mb. dd | 1000 mb. ff | 850 mb. hhh | 850 mb. TTTTT ddx | 850 mb. dd | 850 mb. ff | 700 mb. hhh | 700 mb. TTTTT ddx | 700 mb. dd | 700 mb. ff | 500 mb. hhh | 500 mb. TTTTT ddx | 500 mb. dd | 500 mb. ff | Hour GG | Code Type |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 606 | PORTLAND | 056 | 15157 | 21 | 6 | 509 | 12062 | | | 038 | 06629 | | | 922 | 58731 | | | 03 | 1 |
| 655 | ST CLOUD | 044 | | | | 503 | 15086 | 26 | 14 | 032 | 03009 | 27 | 19 | 906 | 60993 | 26 | 17 | 03 | 1 |
| 662 | RAPID CITY | 036 | | | | 503 | 20091 | 03 | 10 | 041 | 08602 | 31 | 17 | 922 | 60683 | 29 | 19 | 03 | 1 |
| 681 | BOISE | 017 | | | | 496 | 26012 | 21 | 22 | 043 | 11540 | 05 | 5 | 926 | 62652 | | | 03 | 1 |
| 712 | CARIBOU | 048 | | | | 501 | 10041 | 24 | 15 | 025 | 04655 | 27 | 13 | 894 | 63786 | 27 | 30 | 05 | 1 |
| 734 | SAULT MARIE | 047 | | | | 500 | 11064 | 28 | 15 | 024 | 04518 | 30 | 20 | 901 | 60685 | 27 | 28 | 03 | 1 |
| 747 | INTL FALLS | 037 | | | | 495 | 14097 | 29 | 17 | 023 | 02509 | 30 | 21 | 890 | 61766 | 29 | 34 | 03 | 1 |
| 764 | BISMARCK | 038 | | | | 504 | 18082 | 02 | 2 | 038 | 05017 | 32 | 12 | 913 | 61644 | 30 | 23 | 03 | 1 |
| 768 | GLASGOW | 041 | | | | 505 | 17075 | 24 | 2 | 035 | 03504 | 27 | 3 | 907 | 61757 | | | 03 | 1 |
| 775 | GREAT FALLS | 028 | | | | 498 | 21062 | 09 | 18 | 036 | 08524 | 30 | 8 | 912 | 61765 | 28 | 22 | 03 | 1 |
| 785 | SPOKANE | 024 | | | | 496 | 22028 | 24 | 9 | 035 | 07564 | 27 | 6 | 908 | 64693 | 23 | 25 | 04 | 1 |
| 798 | TATOOSH IS | 057 | 12111 | 24 | 14 | 507 | 13003 | 32 | 21 | 034 | 04601 | 32 | 15 | 906 | 61990 | 32 | 24 | 03 | 1 |
| 807 | ARGENTIA | 033 | 12111 | | | 476 | 12086 | | | 997 | 09536 | | | 892 | 56993 | | | 02 | 1 |
| 816 | GOOSE | 003 | 15123 | 23 | 4 | 490 | 12065 | 28 | 17 | 008 | 00514 | 26 | 9 | 864 | 67761 | | | 03 | 1 |
| 836 | MOOSONEE | 032 | 15139 | | | 479 | 07031 | | | 993 | 51548 | | | 848 | 66723 | | | 03 | 1 |
| 867 | THE PAS | 043 | | | | 495 | 08538 | | | 014 | 50654 | | | 874 | 64769 | | | 03 | 1 |
| 879 | EDMONTON | 040 | | | | 502 | 16042 | 11 | 12 | 030 | 02524 | 26 | 5 | 896 | 63787 | 32 | 13 | 03 | 1 |
| 896 | PRINCE GEORG | 036 | | | | 498 | 18015 | 30 | 3 | 030 | 03517 | 36 | 12 | 898 | 63661 | 11 | 4 | 03 | 1 |
| 906 | FT CHIMO | 015 | 10062 | 16 | 6 | 452 | 01516 | 22 | 10 | 956 | 59624 | | | 781 | 76828 | | | 03 | 1 |
| 907 | PORT HARRISN | 018 | 00507 | | | 442 | 55571 | | | 935 | 63663 | | | 753 | 78723 | | | 03 | 1 |
| 909 | UP FROBISHER | 004 | | | | 434 | 53572 | 25 | 12 | 928 | 60713 | 21 | 15 | 758 | 73796 | 16 | 32 | 04 | 1 |
| 913 | CHURCHILL | 028 | 07061 | 31 | 23 | 458 | 50518 | 30 | 31 | 958 | 62631 | 31 | 39 | 784 | 75829 | | | 03 | 1 |
| 915 | CORAL HARBOR | 003 | | | | 426 | 54563 | | | 925 | 63666 | | | 746 | 77810 | | | 03 | 1 |
| 917 | EUREKA | 033 | 07009 | 29 | 9 | 470 | 02501 | 26 | 10 | 976 | 55595 | 25 | 12 | 816 | 71852 | 25 | 27 | 03 | 1 |
| 918 | ARCTIC BAY | 017 | 07026 | | | 450 | 01516 | | | 956 | 56594 | | | 703 | 68795 | | | 01 | 1 |
| 924 | RESOLUTE | 035 | 09042 | 02 | 18 | 470 | 01539 | 02 | 10 | 976 | 55651 | 03 | 16 | 820 | 69834 | 03 | 28 | 03 | 1 |
| 926 | BAKER LAKE | 101 | 59 | | | | | | | *** | ***** | | | *** | ***** | | | 03 | 1 |
| 934 | FT SMITH | 049 | | | | 501 | 10526 | | | 022 | 00582 | | | 880 | 66814 | | | 03 | 1 |
| 938 | COPPERMINE | 051 | 12013 | | | 496 | 06518 | | | 013 | 50567 | | | 869 | 65769 | | | 02 | 1 |
| 945 | FORT NELSON | 038 | | | | 504 | 18081 | | | 037 | 04548 | | | 908 | 62687 | | | 03 | 1 |
| 964 | WHITEHORSE | 042 | | | | 499 | 12033 | 20 | 17 | 018 | 00521 | 19 | 14 | 880 | 64677 | 21 | 38 | 03 | 1 |
| 968 | AKLAVIK | 034 | 22114 | | | 492 | 14035 | | | 016 | 02566 | | | 879 | 64724 | | | 02 | 1 |
| | BLOCK 74 | | | | | | | | | | | | | | | | | | |
| 043 | NORMAN WELLS | 036 | 76608 | | | 498 | 16033 | | | 027 | 02533 | | | 883 | 67719 | | | 03 | 1 |
| 072 | MOULD BAY | 048 | 03017 | | | 476 | 51551 | | | 984 | 54647 | | | 825 | 69814 | | | 03 | 1 |
| 074 | ISACHSEN | 044 | 00512 | | | 470 | 00567 | | | 976 | 55724 | | | 817 | 71794 | | | 03 | 1 |
| 090 | CLYDE RIVER | 000 | 01017 | | | 435 | 07069 | | | 957 | 04033 | | | 837 | 54712 | | | 03 | 1 |
| 109 | PORT HARDY | 057 | 15093 | | | 508 | 11023 | | | 034 | 05513 | | | 913 | 58767 | | | 03 | 1 |
| 188 | MINGAN L PT | 048 | 08058 | 00 | | 492 | 08521 | 26 | 31 | 007 | 52582 | 28 | 20 | 853 | 69773 | 02 | 74 | 04 | 1 |
| | BLOCK 76 | | | | | | | | | | | | | | | | | | |
| 458 | MAZATLAN | 031 | 28241 | | | 499 | 21132 | | | 041 | 11033 | | | 932 | 56615 | | | 02 | 1 |
| 644 | MERIDA | 101 | 40 | | | | | | | *** | ***** | | | *** | ***** | | | 03 | 1 |
| 679 | TACUBAYA | 029. | | | | 493 | | | | 039 | 10055 | | | 930 | 56586 | | | 03 | 1 |
| | BLOCK 78 | | | | | | | | | | | | | | | | | | |
| 016 | KINDLEY FLD | 067 | 24220 | 17 | 9 | 537 | 15072 | 18 | 9 | 059 | 07533 | 20 | 15 | *** | ***** | | | 03 | 1 |
| 325 | HAVANA C B | 045 | 26227 | 14 | 9 | 511 | 19111 | 17 | 16 | 050 | 09021 | 18 | 17 | *** | ***** | | | 03 | 1 |
| 501 | SWAN ISLAND | 038 | 25213 | | | 501 | 16133 | | | 037 | 08049 | | | 925 | 56603 | | | 03 | 1 |
| 525 | SAN JUAN | 048 | 25227 | 08 | 16 | 512 | 16147 | 10 | 16 | 047 | 07037 | 08 | 16 | *** | ***** | | | 03 | 1 |
| 862 | COOLIDGE FLD | 046 | 25218 | 08 | 17 | 509 | 17133 | 07 | 20 | 047 | 10022 | 05 | 17 | 945 | 55995 | 31 | 13 | 03 | 1 |
| | BLOCK 91 | | | | | | | | | | | | | | | | | | |
| 066 | MIDWAY ISL | 064 | 23198 | 02 | 14 | 522 | 15119 | | | 058 | 09018 | | | 949 | 55731 | | | 03 | 1 |
| 115 | IWO JIMA | 560 | | | | 402 | 17117 | 12 | 26 | 031 | 08032 | 09 | 16 | 924 | 54635 | 07 | 19 | 03 | 1 |
| 182 | HONOLULU | 050 | 23178 | 06 | 16 | 510 | 14129 | 08 | 13 | 045 | 10571 | 03 | 9 | 934 | 57991 | 10 | 19 | 03 | 1 |
| 245 | WAKE ISLAND | 043 | 28241 | 09 | 15 | 510 | 17137 | 09 | 22 | 049 | 10504 | 09 | 22 | 940 | 57649 | 17 | 4 | 03 | 1 |
| 275 | JOHNSON IS | 045 | 26244 | 07 | 20 | 511 | 18125 | 08 | 20 | 050 | 08537 | 11 | 18 | 944 | 54995 | 12 | 4 | 03 | 1 |
| 366 | KWAJALEIN | 101 | 43 | | | | | | | *** | ***** | | | *** | ***** | | | 03 | 1 |
| | BLOCK 98 | | | | | | | | | | | | | | | | | | |
| 327 | CLARK FIELD | 039 | | | | 502 | 19162 | 11 | 13 | 036 | 10015 | 12 | 15 | 929 | 55657 | 12 | 19 | 03 | 1 |
| QLL | OCEAN STA | | | | | | | | | | | | | | | | | | |
| 034 | 0 355 400 | 072 | 22182 | 20 | 6 | 527 | 13081 | 13 | 4 | 054 | 04569 | | | 931 | 60723 | 12 | 9 | 03 | 9 |
| 035 | 0 340 520 | 073 | 23192 | 34 | 5 | 532 | 14116 | | | 062 | 05503 | 01 | 12 | 938 | 60664 | 04 | 9 | 03 | 9 |
| 037 | 0 360 700 | 060 | 24215 | | | 521 | 15124 | 22 | 12 | 055 | 08007 | 24 | 10 | 947 | 55920 | 19 | 8 | 03 | 9 |
| 044 | 0 450 450 | 073 | 12896 | | | 517 | 08583 | | | 038 | 03632 | 29 | 16 | 906 | 60651 | 28 | 25 | 03 | 9 |
| 051 | 0 520 173 | 065 | 56520 | | | 514 | 53320 | | | 041 | 40180 | | | 910 | 08790 | | | 02 | 7 |
| 053 | 0 527 355 | 065 | 08058 | 06 | 12 | 501 | 04029 | 08 | 13 | 016 | 51520 | 17 | 71 | 877 | 65703 | 16 | 25 | 03 | 9 |
| 055 | 0 565 510 | 034 | 06057 | | | 473 | 07063 | | | 991 | 50**1 | | | 843 | 67796 | | | 03 | 9 |
| 062 | 0 600 199 | 066 | 48360 | 30 | 24 | 500 | 44360 | 30 | 18 | 019 | 34270 | 28 | 21 | 884 | 06850 | 28 | 34 | 02 | 2 |
| 063 | 0 620 330 | 066 | 06051 | | | 504 | 09530 | 30 | 9 | 023 | 00558 | 34 | 5 | 884 | 65708 | 30 | 13 | 03 | 9 |
| 121 | 1 261 176 | 042 | 17152 | | | 505 | 20092 | | | 040 | 10017 | | | 933 | 55607 | | | 03 | 9 |
| 133 | 1 318 306 | 058 | 16141 | 01 | 30 | 508 | 16990 | 02 | 24 | 043 | 10994 | 02 | 23 | 934 | 57733 | 03 | 17 | 03 | 9 |
| 134 | 1 300 400 | 078 | 17136 | 04 | 21 | 531 | 16997 | | | 067 | 08994 | | | 955 | 55990 | | | 04 | 9 |
| 143 | 1 453 355 | 079 | 14133 | | | 529 | 12091 | 16 | 27 | 055 | 05615 | 17 | 13 | 934 | 60752 | 22 | 8 | 03 | 9 |
| 144 | 1 490 480 | 038 | 12117 | 22 | 22 | 480 | 05033 | 24 | 26 | 993 | 52551 | 22 | 39 | 850 | 64686 | 23 | 68 | 03 | 9 |
| 223 | 2 290 346 | 041 | 24 | | | 493 | 15 | | | 025 | 07*** | | | 910 | 56*** | | | 02 | 1 |
| 235 | 2 393 533 | 053 | 19 | | | 506 | 15 | | | 040 | 07*** | | | 926 | 55*** | | | 03 | 1 |
| 237 | 2 396 707 | 081 | 20168 | 23 | 13 | 535 | 13039 | 26 | 20 | 063 | 07997 | 25 | 23 | 943 | 60997 | 25 | 18 | 03 | 9 |
| 246 | 2 440 650 | 054 | 13101 | 22 | 11 | 518 | 11062 | 24 | 18 | 030 | 04007 | 25 | 22 | 903 | 61782 | 24 | 23 | 03 | 1 |
| 360 | 3 660 020 | 104 | 08064 | 26 | 30 | 430 | 52521 | 25 | 30 | 953 | 59601 | 24 | 33 | 487 | 75753 | 23 | 49 | 03 | 5 |

# RADIOSONDE AND RAWINSONDE DATA— Continued

| Index No. iii | 300 mb. hhh | 300 mb. TTTTT ddx | 300 mb. dd | 300 mb. ff | 200 mb. hhh | 200 mb. TTTTT ddx | 200 mb. dd | 200 mb. ff | 100 mb. hhh | 100 mb. TTTTT ddx | 100 mb. dd | 100 mb. ff | Hour GG | Code Type |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 606 | 158 | 84898 | | | 046 | 05994 | | | 446 | 14993 | | | 03 | 1 |
| 655 | 133 | 87991 | 26 | 41 | 017 | 02994 | 27 | 66 | 448 | 10992 | 26 | 35 | 03 | 1 |
| 662 | 147 | 87962 | 28 | 36 | 025 | 03994 | 26 | 42 | | | | | 03 | 1 |
| 681 | 145 | 90932 | | | 010 | 06999 | | | | | | | 03 | 1 |
| 712 | 103 | 89999 | 27 | 65 | 975 | 07993 | | | 421 | 06998 | | | 05 | 1 |
| 734 | 123 | 87927 | 27 | 56 | 003 | 06999 | | | | | | | 03 | 1 |
| 747 | 104 | 90943 | 26 | 49 | 970 | 07991 | 27 | 69 | 428 | 05991 | | | 03 | 1 |
| 764 | 134 | 87949 | 28 | 52 | 012 | 06992 | 27 | 65 | 456 | 07999 | 27 | 29 | 03 | 1 |
| 768 | 117 | 90996 | | | 985 | 07998 | | | | | | | 03 | 1 |
| 775 | 129 | 89958 | | | 996 | 09994 | | | 437 | 06994 | | | 03 | 1 |
| 785 | 121 | 90994 | 24 | 63 | 996 | 03996 | 25 | 81 | | | | | 04 | 1 |
| 798 | | | | | | | | | | | | | 03 | 1 |
| 807 | 101 | 43 | | | | | | | | | | | 02 | 1 |
| 816 | 050 | 95998 | | | 918 | 97990 | | | | | | | 03 | 1 |
| 836 | 047 | 92992 | | | 914 | 04995 | | | 388 | 02990 | | | 03 | 1 |
| 867 | 080 | 90990 | | | 952 | 02999 | | | | | | | 03 | 1 |
| 879 | 100 | 91992 | 29 | 39 | 960 | 18991 | 29 | 30 | 898 | 01996 | 29 | 22 | 03 | 1 |
| 896 | 104 | 91996 | 26 | 15 | 966 | 07991 | 29 | 26 | 424 | 01999 | 28 | 13 | 03 | 1 |
| 906 | 926 | | | | | | | | | | | | 03 | 1 |
| 907 | 896 | 95997 | | | 798 | 90994 | | | 329 | 95994 | | | 03 | 1 |
| 909 | 889 | 96993 | | | 824 | 91991 | | | 385 | 94996 | | | 04 | 1 |
| 913 | 943 | 93996 | | | 842 | 91990 | | | 383 | 93997 | | | 03 | 1 |
| 915 | 998 | 94999 | | | 810 | 84992 | | | | | | | 03 | 1 |
| 917 | 991 | 95992 | 32 | 45 | 874 | 92999 | | | | | | | 03 | 1 |
| 918 | 980 | 98991 | | | 850 | 96994 | | | 362 | 96991 | | | 01 | 1 |
| 924 | 006 | 95994 | 14 | 10 | 874 | 96990 | 09 | 6 | | | | | 03 | 1 |
| 926 | 101 | 59 | | | | | | | | | | | 03 | 1 |
| 934 | 070 | 99990 | | | | | | | | | | | 03 | 1 |
| 938 | 077 | 89990 | | | 054 | 02995 | | | 463 | 91995 | | | 02 | 1 |
| 945 | 108 | 89945 | | | | 04998 | | | | | | | 03 | 1 |
| 964 | | 93991 | 22 | 40 | 941 | 03991 | | | | | | | 03 | 1 |
| 968 | 081 | 92999 | | | | 02997 | | | 458 | 92992 | | | 02 | 1 |
| 74 | | | | | | | | | | | | | | |
| 043 | 068 | 96994 | | | 919 | 04994 | | | 923 | ***** | | | 03 | 1 |
| 072 | | | | | | | | | | | | | | |
| 074 | 983 | 98999 | | | 864 | 93994 | | | | | | | 03 | 1 |
| 090 | 032 | 92994 | | | 908 | 98994 | | | 420 | 96990 | | | 03 | 1 |
| 109 | 154 | 82916 | | | 056 | 08999 | | | 515 | 02993 | | | 03 | 1 |
| 188 | 037 | 95997 | | | 886 | 10999 | | | 320 | 04997 | | | 04 | 1 |
| 76 | | | | | | | | | | | | | | |
| 458 | 181 | 82915 | | | 075 | 05991 | | | | | | | 02 | 1 |
| 644 | 101 | 40 | | | | | | | | | | | 03 | 1 |
| 679 | 183 | 82850 | | | 081 | 03993 | | | | | | | 03 | 1 |
| 78 | | | | | | | | | | | | | | |
| 016 | | | | | | | | | | | | | | |
| 325 | | | | | | | | | | | | | | |
| 501 | 174 | 81867 | | | 067 | 05998 | | | | | | | 03 | 1 |
| 525 | | | | | | | | | | | | | | |
| 862 | 101 | 50 | | | | | | | | | | | 03 | 1 |
| 91 | | | | | | | | | | | | | | |
| 066 | 195 | 83991 | | | | | | | | | | | 03 | 1 |
| 115 | 101 | 50 | | | | | | | | | | | 03 | 1 |
| 182 | 182 | 83997 | 16 | 32 | 070 | 05990 | 19 | 25 | 442 | 21996 | 09 | 29 | 03 | 1 |
| 245 | 185 | 82903 | 35 | 21 | 080 | 05991 | 34 | 34 | 434 | ***** | | | 03 | 1 |
| 275 | 196 | 81998 | 26 | 18 | 097 | 01998 | 27 | 47 | 504 | 18994 | 17 | 10 | 03 | 1 |
| 366 | 101 | 43 | | | | | | | | | | | 03 | 1 |
| 98 | | | | | | | | | | | | | | |
| 327 | 180 | 82993 | 03 | 15 | | | | | | | | | 03 | 1 |
| QLL | | OCEAN | STA | | | | | | | | | | | |
| 034 | 152 | 88977 | 03 | 13 | 026 | 07996 | 10 | 10 | 437 | 15996 | | | 03 | 9 |
| 035 | 101 | 86996 | 06 | 16 | 037 | 08995 | 24 | 9 | 434 | 15995 | 28 | 7 | 03 | 9 |
| 037 | 198 | 82995 | | | 092 | 04999 | | | | | | | 03 | 9 |
| 044 | 132 | 87926 | 31 | 33 | 006 | 06990 | 29 | 37 | 430 | ***** | | | 03 | 9 |
| 051 | 113 | 56 0 | | | 979 | 37 0 | | | | | | | 02 | 7 |
| 053 | 082 | 89993 | 14 | 43 | 956 | 98995 | 17 | 39 | | | | | 03 | 9 |
| 055 | 032 | 95999 | | | 889 | 98999 | | | 376 | 01991 | | | 03 | 9 |
| 062 | 083 | 58 0 | 30 | 58 | | | | | | | | | 02 | 2 |
| 063 | 085 | 92990 | 28 | 18 | 904 | 08997 | | | 411 | 01990 | | | 03 | 9 |
| 121 | 182 | 82995 | | | 078 | 03996 | | | | | | | 03 | 9 |
| 133 | 168 | 86996 | 03 | 24 | 052 | 03997 | | | 447 | 20990 | | | 03 | 9 |
| 134 | 198 | 85991 | | | 085 | 06990 | | | 461 | 21998 | | | 04 | 9 |
| 143 | 160 | 88983 | 25 | 20 | 037 | 06994 | | | 466 | 06997 | | | 03 | 9 |
| 144 | 054 | 92996 | 22 | 89 | 917 | 02996 | | | 401 | 00933 | | | 03 | 9 |
| 223 | 173 | 75 | | | 093 | 94 | | | | | | | 02 | 1 |
| 235 | 182 | 82 | | | 074 | 03 | | | | | | | 03 | 1 |
| 237 | 101 | 43 | | | | | | | | | | | 03 | 9 |
| 246 | 135 | 84995 | | | 026 | 02995 | | | 460 | 04998 | | | 03 | 1 |
| 360 | 905 | 93943 | 23 | 65 | 181 | 90931 | 23 | 40 | 651 | 91993 | 24 | 6 | 03 | 5 |

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# RADIOSONDE AND RAWINSONDE DATA
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| Index No. iii | 1st. 5th. etc. Level PPP | 1st. 5th. etc. Level TTTTT ddx | 2nd. 6th. etc. Level PPP | 2nd. 6th. etc. Level TTTTT ddx | 3rd. 7th. etc. Level PPP | 3rd. 7th. etc. Level TTTTT ddx | 4th. 8th. etc. Level PPP | 4th. 8th. etc. Level TTTTT ddx | Hour GG | Code Type |
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| 606 | 018 | 15158 | 972 | 15144 | 960 | 17157 | 825 | 10028 | 03 | 1 |
| 655 | 979 | 19184 | 924 | 20127 | 593 | 53555 | 570 | 56614 | 03 | 1 |
| 662 | 906 | 19127 | 904 | 23147 | 720 | 07044 | 708 | 09602 | 03 | 1 |
| 681 | 914 | 31043 | 400 | 72751 | 221 | 08996 | 140 | 06996 | 03 | 1 |
| 712 | 995 | 14112 | 978 | 18108 | 952 | 17069 | 808 | 07501 | 05 | 1 |
| 734 | 991 | 15122 | 981 | 17147 | 952 | 17089 | 792 | 07047 | 03 | 1 |
| 747 | 972 | 19139 | 959 | 21132 | 619 | 53625 | 595 | 55711 | 03 | 1 |
| 764 | 957 | 24153 | 942 | 26110 | 726 | 06031 | 422 | 70783 | 03 | 1 |
| 768 | 942 | 23127 | 624 | 52564 | 535 | 58644 | 514 | 60756 | 03 | 1 |
| 775 | 889 | 23118 | 600 | 52571 | 548 | 57623 | 430 | 68777 | 03 | 1 |
| 785 | 930 | 25049 | 923 | 27075 | 905 | 27036 | 655 | 03621 | 04 | 1 |
| 798 | 017 | 13121 | 968 | 10091 | 953 | 14112 | 925 | 15062 | 03 | 1 |
| 807 | 020 | 12111 | 026 | 11093 | 872 | 12104 | 808 | 12056 | 02 | 1 |
| 816 | 006 | 15125 | 916 | 17095 | 664 | 54552 | 550 | 26174 | 03 | 1 |
| 836 | 010 | 16146 | 985 | 14127 | 941 | 13102 | 755 | 00531 | 03 | 1 |
| 867 | 985 | 17086 | 956 | 18034 | 767 | 00574 | 643 | 53661 | 03 | 1 |
| 879 | 940 | 24079 | 718 | 04501 | 650 | 51589 | 612 | 54706 | 03 | 1 |
| 896 | 937 | 20121 | 898 | 22056 | 597 | 56573 | | 56572 | 03 | 1 |
| 906 | 002 | 10065 | 955 | 017 | 807 | 51534 | 607 | 67697 | 03 | 1 |
| 907 | 005 | 01001 | 969 | 51521 | 927 | 52529 | 567 | 71771 | 03 | 1 |
| 909 | 999 | 05530 | 983 | 05529 | 774 | 58617 | 748 | 58683 | 04 | 1 |
| 913 | 009 | 07068 | 910 | 01014 | 780 | 57573 | 688 | 63641 | 03 | 1 |
| 915 | 994 | 05021 | 607 | 68802 | 530 | 73784 | 460 | 81857 | 03 | 1 |
| 917 | 012 | 06017 | 992 | 08003 | 760 | 54553 | 738 | 53582 | 03 | 1 |
| 918 | 005 | 06037 | 910 | 02502 | 887 | 03507 | 610 | 19611 | 01 | 1 |
| 924 | 011 | 09057 | 934 | 04000 | 984 | 04009 | 806 | 51542 | 03 | 1 |
| 926 | | | | | | | | | | |
| 934 | 994 | 21031 | 400 | 78995 | 273 | 00990 | 156 | 00990 | 03 | 1 |
| 938 | 018 | 11023 | 990 | 12018 | 967 | 12012 | 931 | 12020 | 02 | 1 |
| 945 | 971 | 25143 | 939 | 24116 | 910 | 24121 | 778 | 11029 | 03 | 1 |
| 964 | 936 | 17054 | 674 | 52541 | 653 | 51533 | 573 | 50635 | 03 | 1 |
| 968 | 011 | 22137 | 922 | 16066 | 890 | 16056 | 400 | 76052 | 02 | 1 |
| 74 | | | | | | | | | | |
| 043 | 002 | 27103 | 634 | 55572 | 454 | 72762 | 400 | 80851 | 03 | 1 |
| 072 | 016 | 04012 | 948 | 03005 | 864 | 53546 | 828 | 02562 | 03 | 1 |
| 074 | 014 | 06502 | 960 | 52539 | 940 | 01502 | 910 | 01509 | 03 | 1 |
| 090 | 001 | 01017 | 937 | 00522 | 890 | 01517 | 810 | 11108 | 03 | 1 |
| 109 | 019 | 16122 | 978 | 16083 | 917 | 14067 | 793 | 10991 | 03 | 1 |
| 188 | 015 | 07056 | 943 | 14003 | 648 | 56615 | 400 | 79334 | 04 | 1 |
| 76 | | | | | | | | | | |
| 458 | 009 | 28248 | 963 | 25225 | 876 | 23133 | 805 | 17122 | 02 | 1 |
| 644 | | | | | | | | | | |
| 679 | 775 | 17102 | 755 | 16072 | 664 | 06038 | 642 | 05504 | 03 | 1 |
| 78 | | | | | | | | | | |
| 016 | 023 | 25234 | 962 | 21205 | 812 | 13024 | 720 | 08524 | 03 | 1 |
| 325 | 010 | 26213 | 939 | 24201 | 908 | 23124 | 793 | 15045 | 03 | 1 |
| 501 | 012 | 25227 | 941 | 20198 | 608 | 01501 | 491 | 56658 | 03 | 1 |
| 525 | 015 | 27230 | 952 | 22207 | 766 | 12061 | | | 03 | 1 |
| 862 | 014 | 26224 | 900 | 19157 | 766 | 13035 | 632 | 05574 | 03 | 1 |
| 91 | | | | | | | | | | |
| 066 | 021 | 25204 | 948 | 19162 | 905 | 17142 | 720 | 12041 | 03 | 1 |
| 115 | 998 | 27247 | 941 | 21[illegible]71 | 912 | 19145 | 890 | 19134 | 03 | 1 |
| 182 | 017 | 27192 | 822 | 131[illegible]3 | 783 | 11077 | 760 | 13601 | 03 | 1 |
| 245 | 015 | 29249 | 928 | 20199 | 912 | 21189 | 764 | 14021 | 03 | 1 |
| 275 | 015 | 27254 | 930 | 21204 | 865 | 19151 | 785 | 16525 | 03 | 1 |
| 366 | | | | | | | | | | |
| 98 | | | | | | | | | | |
| 327 | 991 | 31226 | 764 | 11101 | | | 678 | 09523 | 03 | 1 |
| QLL | | OCEAN | STA | | | | | | | |
| 034 | 025 | 24193 | 880 | 10844 | 770 | 08525 | 712 | 06018 | 03 | 9 |
| 035 | 025 | 25202 | 940 | 19174 | 654 | 01535 | 618 | 51656 | 03 | 9 |
| 037 | 020 | 25227 | 910 | 19177 | 824 | 13107 | 768 | 12541 | 03 | 9 |
| 044 | 026 | 14115 | 966 | 09079 | 947 | 11521 | 778 | 05650 | 03 | 9 |
| 051 | 024 | 59580 | 980 | 54460 | 965 | 57480 | 849 | 57430 | 02 | 7 |
| 053 | 023 | 09065 | | 04033 | 877 | 03815 | 871 | 05023 | 03 | 9 |
| 055 | 012 | 07064 | 985 | 05047 | 963 | 06051 | 926 | 08087 | 03 | 9 |
| 062 | 025 | 50430 | | | | | | | 02 | 2 |
| 063 | 024 | 07068 | 948 | 02019 | 862 | 09537 | 604 | 56613 | 03 | 9 |
| 121 | 015 | 18166 | 952 | 13126 | 936 | 24510 | 181 | 18212 | 03 | 9 |
| 133 | 020 | 08152 | 927 | 12121 | 883 | 14526 | 856 | 16612 | 03 | 9 |
| 134 | 027 | 19157 | 948 | 12117 | 943 | 10089 | 936 | 17521 | 04 | 9 |
| 143 | 028 | 14149 | 758 | 06031 | 740 | 07550 | 660 | 03881 | 03 | 9 |
| 144 | 013 | 13115 | 833 | 03023 | 688 | 52564 | 676 | 53613 | 03 | 9 |
| 223 | 015 | 26 | 949 | 20 | 768 | 12*** | 637 | 05*** | 02 | 1 |
| 235 | 019 | 20 | 820 | 15 | 384 | 57*** | 225 | | 03 | 1 |
| 237 | 028 | 23192 | 905 | 12042 | 823 | 14035 | 743 | 10993 | 03 | 9 |
| 246 | 018 | 13114 | 770 | 09044 | 615 | 51545 | 560 | 64991 | 03 | 1 |
| 360 | 013 | 09072 | 913 | 02025 | 775 | 53544 | 670 | 61624 | 03 | 5 |

# RADIOSONDE AND RAWINSONDE DATA
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| Index No. iii | 1st. 5th. etc. Level PPP | 1st. 5th. etc. Level TTTTT ddx | 2nd. 6th. etc. Level PPP | 2nd. 6th. etc. Level TTTTT ddx | 3rd. 7th. etc. Level PPP | 3rd. 7th. etc. Level TTTTT ddx | 4th. 8th. etc. Level PPP | 4th. 8th. etc. Level TTTTT ddx | Hour GG | Code Type |
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| 655 | 545 | 55735 | 528 | 57767 | 400 | 70998 | 284 | 89999 | 03 | 1 |
| 662 | 594 | 51613 | 543 | 56701 | 400 | 71828 | 359 | 77854 | 03 | 1 |
| 681 | | | | | | | | | | |
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| 734 | 762 | 04514 | 787 | 07547 | 744 | 06505 | 730 | 06533 | 03 | 1 |
| 747 | 558 | 56747 | 539 | 59650 | 526 | 59652 | 514 | 60743 | 03 | 1 |
| 764 | 400 | 73791 | 375 | 75808 | 288 | 90981 | 194 | 07990 | 03 | 1 |
| 768 | 449 | 68822 | 400 | 75992 | 308 | 89992 | 236 | 04990 | 03 | 1 |
| 775 | 400 | 72838 | 207 | 09998 | 050 | 04994 | | | 03 | 1 |
| 785 | 614 | 51596 | 583 | 55702 | 491 | 65702 | 478 | 66773 | 04 | 1 |
| 798 | 908 | 14018 | 632 | 51637 | 567 | 54735 | 464 | 65812 | 03 | 1 |
| 807 | 656 | 08594 | 558 | 01995 | 450 | 63993 | 400 | 68990 | 02 | 1 |
| 816 | | | | | 338 | 90962 | 240 | 95995 | 03 | 1 |
| 836 | 744 | 00522 | 554 | 61657 | 519 | 65696 | 400 | 76856 | 03 | 1 |
| 867 | 400 | 76881 | 232 | 02998 | 219 | 04990 | 206 | 04990 | 03 | 1 |
| 879 | 572 | 58655 | 520 | 61771 | 430 | 71869 | 400 | 76993 | 03 | 1 |
| 896 | 400 | 76793 | 310 | 89945 | 280 | 08992 | 095 | 01998 | 03 | 1 |
| 906 | | | 408 | 87995 | 386 | 90990 | 306 | 02998 | 03 | 1 |
| 907 | 445 | 83889 | 400 | 89944 | 331 | 98999 | 253 | 90990 | 03 | 1 |
| 909 | 726 | 60733 | 656 | 60681 | 548 | 71742 | 400 | 83909 | 04 | 1 |
| 913 | 670 | 62687 | 645 | 63738 | 623 | 66774 | 587 | 67735 | 03 | 1 |
| 915 | 400 | 87916 | 340 | 94999 | 185 | 92999 | | | 03 | 1 |
| 917 | 670 | 58622 | 616 | 61771 | 539 | 67788 | 449 | 76907 | 03 | 1 |
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| 924 | 788 | 51550 | 649 | 58741 | 400 | 80863 | 332 | 90978 | 03 | 1 |
| 926 | | | | | | | | | | |
| 934 | 087 | 98991 | 101 | 58 | | | | | 03 | 1 |
| 938 | 743 | 02586 | 633 | 56664 | 620 | 45697 | 400 | 75869 | 02 | 1 |
| 945 | 766 | 11025 | 400 | 73786 | 214 | 05996 | 167 | 00990 | 03 | 1 |
| 964 | 548 | 61611 | 400 | 77781 | 355 | 83919 | 320 | 90952 | 03 | 1 |
| 968 | | 05990 | | 87991 | 101 | 58*** | | | 02 | 1 |
| 74 | | | | | | | | | | |
| 043 | 232 | 10990 | 181 | 50998 | 124 | 99997 | | | 03 | 1 |
| 072 | 592 | 62751 | 400 | 81997 | 378 | 84994 | | | 03 | 1 |
| 074 | 890 | 00525 | 866 | 01541 | 804 | 50605 | 774 | 52585 | 03 | 1 |
| 090 | 645 | 52533 | 632 | 03502 | 587 | 55609 | 400 | 74835 | 03 | 1 |
| 109 | 739 | 07546 | 435 | 65774 | 400 | 69792 | 262 | 88978 | 03 | 1 |
| 188 | 334 | 90990 | 216 | 11997 | 060 | 01990 | | | 04 | 1 |
| 76 | | | | | | | | | | |
| 458 | 536 | 53558 | 460 | 60686 | 434 | 53732 | 400 | 66755 | 02 | 1 |
| 644 | | | | | | | | | | |
| 679 | 570 | 59505 | 512 | 55578 | 400 | 66793 | 266 | 88919 | 03 | 1 |
| 78 | | | | | | | | | | |
| 016 | | | 310 | 81992 | 101 | 55*** | | | 03 | 1 |
| 325 | 736 | 12077 | | | | | | | 03 | 1 |
| 501 | 467 | 59645 | 439 | 62693 | 414 | 64706 | 400 | 66771 | 03 | 1 |
| 525 | | | | | | | | | | |
| 862 | 530 | 01992 | 466 | 54996 | 101 | 58*** | | | 03 | 1 |
| 91 | | | | | | | | | | |
| 066 | 647 | 05524 | 466 | 58728 | 400 | 67811 | 350 | 73845 | 03 | 1 |
| 115 | 871 | 17127 | | 17107 | 710 | 09042 | 595 | 03533 | 03 | 1 |
| 182 | 740 | 13596 | 680 | 08564 | 661 | 08626 | 575 | 50707 | 03 | 1 |
| 245 | 750 | 12074 | 738 | 12021 | 676 | 09565 | 433 | 65688 | 03 | 1 |
| 275 | 620 | 04004 | 586 | 04525 | 555 | 01571 | 512 | 53613 | 03 | 1 |
| 366 | | | | | | | | | | |
| 98 | | | | | | | | | | |
| 327 | 627 | 05587 | 602 | 03581 | 558 | 50633 | 463 | 59677 | 03 | 1 |
| QLL | | OCEAN | STA | | | | | | | |
| 034 | 672 | 83644 | 478 | 63683 | 897 | 89972 | 191 | 09995 | 03 | 9 |
| 035 | 558 | 55618 | 461 | 64790 | 400 | 72836 | 334 | 81935 | 03 | 9 |
| 037 | 729 | 09542 | 718 | 09524 | 571 | 00575 | 435 | 62733 | 03 | 9 |
| 044 | 733 | 03631 | 718 | 04641 | 628 | 52616 | 582 | 55727 | 03 | 9 |
| 051 | | 58430 | | 53360 | 224 | 33**0 | 217 | 35**0 | 02 | 7 |
| 053 | 656 | 53546 | 621 | 55615 | 608 | 57731 | 568 | 59744 | 03 | 9 |
| 055 | 543 | 64684 | 513 | 66771 | 467 | 70867 | 400 | 78994 | 03 | 9 |
| 062 | | | | | | | | | | |
| 063 | 588 | 57661 | 400 | 75834 | 310 | 90983 | 230 | 07994 | 03 | 9 |
| 121 | 738 | 12071 | 658 | 07626 | 580 | 01991 | 550 | 50676 | 03 | 9 |
| 133 | 693 | 10643 | 400 | 70852 | 115 | 19996 | 085 | 15992 | 03 | 9 |
| 134 | 922 | 18525 | 877 | 17605 | 764 | 14991 | 672 | 05998 | 04 | 9 |
| 143 | 632 | 01531 | 564 | 54496 | 554 | 55672 | 486 | 61711 | 03 | 9 |
| 144 | 584 | 58618 | 544 | 62696 | 535 | 61687 | 400 | 75783 | 03 | 9 |
| 223 | 557 | 00 | 453 | 59 | 407 | 62*** | 228 | 88*** | 02 | 1 |
| 235 | 180 | 07 | 141 | 07 | | | | | 03 | 1 |
| 237 | | | | | | | | | | |
| 246 | 400 | 69765 | 370 | 73990 | 290 | 86997 | 155 | 11996 | 03 | 9 |
| 360 | 645 | 62623 | 544 | 70711 | 530 | 70714 | 450 | 77785 | 03 | 5 |

## JULY 13

| Index No. iii | Station Name | 1000 mb. hhh | 1000 mb. TTTTT ddy | 1000 mb. dd | 1000 mb. ff | 850 mb. hhh | 850 mb. TTTTT ddx | 850 mb. dd | 850 mb. ff | 700 mb. hhh | 700 mb. TTTTT ddx | 700 mb. dd | 700 mb. ff | 500 mb. hhh | 500 mb. TTTTT ddx | 500 mb. dd | 500 mb. ff | Hour GG | Code Type |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | BLOCK 01 | | | | | | | | | | | | | | | | | | |
| 001 | JAN MAYEN | 166 | 00507 | | | 480 | 00542 | | | 009 | 55634 | | | 579 | 70791 | | | 03 | 8 |
| 030 | TROMSO | 053 | 07077 | | | 380 | 53535 | | | 870 | 62637 | | | 320 | 82847 | | | 03 | 8 |
| 384 | GARDERMOEN | 152 | 99999 | | | 400 | 05005 | 01 | 18 | 954 | 52556 | 29 | 20 | 545 | 69762 | 27 | 43 | 03 | 5 |
| 415 | SOLA | 139 | 09079 | | | 500 | 04512 | | | 046 | 00601 | | | 659 | 67776 | | | 03 | 8 |
| | BLOCK 02 | | | | | | | | | | | | | | | | | | |
| 057 | LULEA KALLAS | 044 | 11068 | | | 380 | 01528 | | | 917 | 58615 | | | 459 | 72991 | | | 03 | 8 |
| 077 | STOCKHOLM | 064 | 16133 | 19 | 2 | 460 | 11043 | 25 | 19 | 018 | 51562 | 26 | 22 | 625 | 65714 | 25 | 40 | 04 | 5 |
| 084 | GOTEBORG | 079 | 16136 | | | 449 | 10005 | | | 036 | 01575 | | | 679 | 62882 | | | 03 | 8 |
| | BLOCK 03 | | | | | | | | | | | | | | | | | | |
| 005 | LERWICK | 052 | 46430 | 32 | 18 | 485 | 34160 | 33 | 14 | 995 | 30820 | 28 | 24 | 851 | 02590 | 27 | 40 | 02 | 2 |
| 026 | STORNOWAY | 056 | 524 | | 49 | 639 | 360 | | 1 | 133 | 010** | | 87 | 106 | 690** | | | 03 | 7 |
| 171 | LEUCHARS | 048 | 55520 | | | 491 | 47470 | | | 010 | 37770 | | | 877 | 11800 | | | 02 | 7 |
| 322 | FAZAKERLEY | 030 | 68530 | 10 | 18 | 485 | 00400 | 16 | 10 | 016 | 44270 | 14 | 15 | 890 | 09020 | 17 | 48 | 08 | 2 |
| 476 | DOWNHAM MKT | 039 | 66560 | 11 | 21 | 498 | 61350 | 14 | 9 | 033 | 48290 | 24 | 13 | 913 | 11000 | 23 | 29 | 02 | 2 |
| 743 | LARKHILL | 053 | | | | 494 | 65440 | 15 | 11 | 029 | 46200 | 17 | 17 | *** | ***** | | | 02 | 2 |
| 808 | CAMBORNE | 034 | 63580 | | | 489 | 55400 | 16 | 23 | 015 | 36330 | 13 | 37 | 885 | 12110 | 12 | 43 | 03 | 2 |
| 917 | ALDERGROVE | 044 | 56450 | 05 | 3 | 492 | 57430 | 08 | 4 | 020 | 41170 | 25 | 12 | 889 | 09060 | 23 | 21 | 02 | 2 |
| 953 | VALENTIA | 028 | 72 0 | 09 | 4 | 486 | 56 0 | 12 | 23 | 010 | 35**0 | 13 | 25 | 873 | 09**0 | | | 03 | 2 |
| | BLOCK 04 | | | | | | | | | | | | | | | | | | |
| 018 | KEFLAVIK | 064 | 05047 | 30 | 4 | 501 | 05562 | 28 | 5 | 015 | 51690 | 31 | 9 | 872 | 67999 | 36 | 19 | 03 | 1 |
| 202 | THULE | 048 | 07035 | 14 | 23 | 480 | 02518 | 16 | 29 | 989 | 55617 | 17 | 21 | 838 | 68729 | | | 04 | 1 |
| 231 | SDR STROMFRD | 032 | 11027 | | | 476 | 05514 | | | *** | 53597 | 01 | 18 | 889 | 69751 | 01 | 29 | 03 | 1 |
| 270 | NARSSARSSUAK | 067 | 07993 | 00 | | 473 | 05996 | 00 | | 016 | 54992 | | | 859 | 70991 | 01 | 26 | 03 | 1 |
| 339 | SCORESBYSUND | 043 | 07 | | | 489 | 08 | | | 997 | 02*** | | | 862 | 63*** | | | 03 | 8 |
| 360 | ANGMAGSSALIK | 167 | 04 | 00 | | 514 | 10010 | 26 | 6 | 099 | 02520 | 27 | 3 | 717 | 66700 | 16 | 15 | 03 | 5 |
| | BLOCK 06 | | | | | | | | | | | | | | | | | | |
| 180 | KOBENHAVN | 109 | 14139 | 27 | 12 | 490 | 12061 | 28 | 26 | 103 | 06573 | 28 | 22 | 777 | 59734 | 27 | 32 | 03 | 5 |
| 260 | DE BILT | 126 | 20151 | | | 520 | 15037 | | | 145 | 09623 | | | 830 | 62*** | | | 03 | 8 |
| 447 | UCCLE | 106 | 19161 | | | 515 | 16083 | | | 137 | 10506 | | | 826 | 59649 | | | 03 | 8 |
| 610 | PAYERNE | 105 | | | | 520 | 20041 | 24 | 3 | 160 | 10607 | 22 | 8 | 860 | 59256 | 29 | 12 | 05 | 5 |
| | BLOCK 07 | | | | | | | | | | | | | | | | | | |
| 110 | BREST | 087 | | | | 520 | 11051 | 24 | 26 | 120 | 04511 | 16 | 35 | 759 | 64737 | 17 | 64 | 02 | 5 |
| 145 | TRAPPES | 098 | | | | 520 | 20046 | | | 127 | 10048 | | | 826 | 60724 | | | 02 | 8 |
| 190 | STRASBOURG | 109 | | | | 520 | 18078 | | | 150 | 10600 | | | 850 | 59797 | | | 02 | 8 |
| 480 | LYON | 088 | | | | 510 | 22013 | | | 770 | 16673 | | | 907 | 57831 | | | 02 | 8 |
| 510 | BORDEAUX | 114 | 18159 | 27 | 6 | 500 | 17102 | 28 | 6 | 138 | 10003 | 19 | 20 | 811 | 62712 | 17 | 50 | 02 | 5 |
| 645 | NIMES | 117 | 20186 | | | 540 | 20534 | | | 169 | 10630 | | | 855 | 61809 | | | 02 | 8 |
| | BLOCK 08 | | | | | | | | | | | | | | | | | | |
| 509 | LAGENS | 055 | 17132 | 30 | 10 | 502 | 07034 | 30 | 21 | 028 | 04591 | 27 | 29 | 899 | 60998 | 27 | 34 | 03 | 1 |
| 521 | FUNCHAL | 177 | 20135 | | | 565 | 15056 | | | 191 | 07618 | | | *** | ***** | | | 14 | 8 |
| 536 | PORTELA | 160 | 22085 | | | 546 | 14990 | | | 157 | 05591 | | | 829 | 60998 | | | 14 | 8 |
| | BLOCK 10 | | | | | | | | | | | | | | | | | | |
| 122 | JEVER | 040 | 69570 | | | 498 | 58340 | 25 | 6 | 025 | 46160 | 29 | 18 | 904 | 13870 | 27 | 33 | 08 | 2 |
| 338 | HANNOVER | 042 | 59560 | 10 | 9 | 495 | 55310 | 00 | | 010 | 41110 | 29 | 9 | 885 | 13860 | 29 | 27 | 02 | 2 |
| 384 | TEMPELHOF | 125 | 18146 | 06 | 3 | 505 | 10081 | 28 | 10 | 103 | 04999 | 27 | 12 | 771 | 61707 | 28 | 22 | 03 | 5 |
| 419 | ISERLOHN | 042 | | | | 404 | 54230 | 27 | 5 | 035 | 47150 | 27 | 9 | *** | ***** | | | 03 | 2 |
| 633 | WIESBADEN | 072 | | | | 507 | 19066 | 11 | 7 | 132 | 09995 | 00 | | 742 | 59709 | 27 | 13 | 03 | 5 |
| 866 | MUNCHEN RIEM | 134 | 99999 | 99 | 99 | 512 | 14027 | 23 | 5 | 135 | 09999 | 29 | 7 | 836 | 57999 | 33 | 16 | 03 | 5 |
| | BLOCK 11 | | | | | | | | | | | | | | | | | | |
| 030 | TULLN | 130 | | | | 506 | 10075 | 04 | 4 | 100 | 04582 | 02 | 16 | 763 | 61771 | 36 | 27 | 03 | 5 |
| 567 | PRAHA KBELY | 134 | | | | 530 | 12071 | | | 109 | 05592 | | | 751 | 61990 | | | 05 | 5 |
| | BLOCK 40 | | | | | | | | | | | | | | | | | | |
| 427 | BAHREIN | 513 | | | | 466 | 84220 | 31 | 46 | 018 | 63080 | 32 | 44 | 922 | 37830 | 32 | 18 | 14 | 2 |
| | BLOCK 42 | | | | | | | | | | | | | | | | | | |
| 182 | NEW DELHI | 503 | | | | 141 | 24200 | | | 310 | 16160 | | | 590 | 02*** | | | 15 | 8 |
| 339 | JODHPUR | 504 | | | | 142 | 26160 | | | 309 | 12090 | | | 585 | 52*** | | | 15 | 8 |
| 475 | BAMRAULI AL | 503 | | | | 142 | 24180 | | | 310 | 12100 | | | 588 | 50*** | | | 15 | 8 |
| 807 | CALCUTTA | 501 | 28250 | | | 143 | 20170 | | | 310 | 13070 | | | 585 | 51600 | | | 15 | 8 |
| 867 | NAGPUR | 503 | | | | 140 | 20160 | | | 306 | 13090 | | | 583 | 00*** | | | 15 | 8 |
| | BLOCK 43 | | | | | | | | | | | | | | | | | | |
| 063 | POONA | 000 | | | | 141 | 19160 | | | 307 | 13090 | | | 585 | 01530 | | | 14 | 8 |
| 149 | VIZAGAPATAM | 501 | | | | 142 | 20180 | | | 308 | 09090 | | | 582 | 54540 | | | 14 | 8 |
| 279 | MADRAS | 002 | 28200 | | | 141 | 16130 | | | 309 | 08050 | | | 580 | 54*** | | | 14 | 8 |
| 371 | TRIVANDRUM | 006 | 27240 | | | 148 | 16130 | | | 311 | ***** | | | 581 | ***** | | | 15 | 8 |
| | BLOCK 45 | | | | | | | | | | | | | | | | | | |
| 007 | KAI TAK | 009 | 27260 | | | 152 | 20200 | | | 317 | 11110 | | | 590 | 53**0 | | | 22 | 8 |
| | BLOCK 47 | | | | | | | | | | | | | | | | | | |
| 212 | ZINSEN | 033 | 20143 | | | 492 | 14040 | | | 017 | 06502 | | | 903 | 54706 | | | 03 | 1 |
| 401 | WAKKANAI | 048 | 16122 | | | 499 | 15121 | | | 029 | 07022 | | | 901 | 59041 | | | 03 | 1 |
| 412 | SAPPORO DCMO | 028 | 16137 | | | 472 | 08627 | | | 989 | 01542 | | | 846 | 54641 | | | 03 | 1 |
| 580 | MISAWA | 040 | 16152 | 08 | 2 | 496 | 17165 | 21 | 12 | 036 | 10077 | 25 | 17 | 932 | 53567 | 25 | 27 | 03 | 1 |
| 590 | SENDAI DCMO | | 22219 | | | 493 | 17149 | | | 028 | 10092 | | | 924 | 52608 | | | 03 | 1 |
| 600 | WAJIMA | 026 | 21164 | | | 479 | 12060 | | | 004 | 03535 | | | 877 | 60673 | | | 03 | 1 |
| 635 | NAGOYA | 046 | 29230 | 23 | 5 | 513 | 18138 | 25 | 10 | 049 | 06047 | 27 | 24 | 940 | 54635 | 24 | 31 | 03 | 1 |
| 646 | TATENO | 032 | 28238 | | | 495 | 19153 | | | 033 | 10047 | | | 932 | 53620 | | | 03 | 1 |
| 671 | TOKYO | 035 | 26221 | 18 | 19 | 503 | 19141 | 23 | 22 | 042 | 10019 | 24 | 17 | 944 | 00621 | | | 03 | 1 |
| 744 | YONAGO | 025 | 23118 | | | 476 | 15012 | | | 996 | 04601 | | | 878 | 61775 | | | 03 | 1 |
| 778 | SHIONOMISAKI | 045 | 26237 | | | 509 | 21133 | | | 053 | 11031 | | | 950 | 52602 | | | 03 | 1 |
| 808 | ITAZUKE | 037 | 24195 | 00 | | 498 | 17132 | 21 | 24 | 037 | 09035 | 21 | 30 | 931 | 53582 | 24 | 44 | 03 | 1 |
| 827 | KAGOSHIMA | 041 | 26191 | 20 | 4 | 496 | 14107 | 23 | 11 | 025 | 08990 | 24 | 15 | 904 | 57697 | 25 | 28 | 03 | 1 |
| 931 | KADENA OKINW | 054 | 31269 | 21 | 10 | 528 | 22181 | | | 074 | 12016 | 13 | 7 | 973 | 54691 | 08 | 5 | 04 | 1 |
| | BLOCK 60 | | | | | | | | | | | | | | | | | | |
| 120 | PORT LYAUTEY | 051 | 16158 | | | | 14085 | | | 038 | 12564 | | | 928 | 58998 | | | 03 | 1 |
| 155 | CASABLANCA | 150 | 18174 | 06 | 6 | 550 | 16015 | 33 | 8 | 167 | 11604 | 22 | 32 | 879 | 57814 | | | 02 | 5 |
| 390 | M BLANCHE | 121 | 21189 | 25 | 10 | 550 | 26061 | | | 213 | 13572 | 27 | 15 | 918 | 59750 | | | 02 | 8 |
| 715 | TUNIS | 121 | 22150 | 00 | | 530 | 19053 | 03 | 6 | 717 | 11542 | | | 882 | 56743 | | | 02 | 5 |
| | BLOCK 61 | | | | | | | | | | | | | | | | | | |
| 642 | DAKAR OUAKAM | 093 | 24229 | 27 | 5 | 510 | 20156 | 16 | 11 | 169 | 11038 | 09 | 24 | 871 | 56994 | 08 | 21 | 07 | 5 |
| | BLOCK 62 | | | | | | | | | | | | | | | | | | |
| 053 | BENINA | | | | | 499 | 54380 | 31 | 8 | 029 | 48860 | 31 | 18 | 914 | 18780 | 29 | 30 | 14 | 2 |
| 366 | FAROUK | 089 | 29147 | | | 514 | 20110 | | | 163 | 15**0 | | | 935 | 00**0 | | | 03 | 5 |
| | BLOCK 70 | | | | | | | | | | | | | | | | | | |
| 026 | BARROW | 027 | 02501 | 06 | 14 | 468 | 08516 | 10 | 10 | 986 | 50599 | 18 | 9 | 840 | 69770 | 20 | 17 | 03 | 1 |
| 133 | KOTZEBUE | 083 | 09077 | 27 | 21 | 470 | 08012 | 24 | 19 | 988 | 00656 | 21 | 19 | 846 | 61997 | 24 | 24 | 03 | 1 |
| 200 | NOME | 027 | 15071 | 28 | 14 | 473 | 06527 | 24 | 11 | 988 | 51571 | 23 | 24 | 842 | 68816 | 22 | 22 | 03 | 1 |
| 204 | GAMBELL | 034 | 07052 | | | 471 | 04016 | | | 982 | 51577 | | | 838 | 64798 | | | 03 | 1 |
| 219 | BETHEL | 020 | 24151 | 19 | 7 | 474 | 10068 | 29 | 12 | 994 | 51567 | | | 850 | 67791 | | | 03 | 1 |
| 231 | MCGRATH | | | | | | | | | | | | | | | | | | |
| 261 | FRBNKS WEEKS | 015 | | | | 468 | 09022 | | | 985 | 52587 | | | 834 | 69796 | | | 03 | 1 |
| 273 | ANCH MERRILL | 022 | 15115 | 19 | 4 | 468 | 05019 | 14 | 11 | 980 | 54561 | 08 | 13 | 824 | 69723 | 03 | 26 | 03 | 1 |
| 291 | NORTHWAY | 017 | | | | 467 | 08016 | 13 | 6 | 984 | 52549 | | | 833 | 69732 | | | 03 | 1 |

| Index No. iii | 300 mb. hhh | 300 mb. TTTTT ddx | 300 mb. dd | 300 mb. ff | 200 mb. hhh | 200 mb. TTTTT ddx | 200 mb. dd | 200 mb. ff | 100 mb. hhh | 100 mb. TTTTT ddx | 100 mb. dd | 100 mb. ff | Hour GG | Code Type |
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| 001 | 915 | 97998 | | | | | | | | | | | 03 | 8 |
| 030 | 878 | 95 5 | | | 152 | 91 7 | | | | | | | 03 | 8 |
| 384 | 915 | 94005 | 27 | 72 | 185 | 95990 | 27 | 72 | | | | | 03 | 5 |
| 415 | 928 | 94037 | | | 193 | 98994 | | | 649 | 99994 | | | 03 | 8 |
| 02 | | | | | | | | | | | | | | |
| 057 | 101 | 43 | | | | | | | | | | | 03 | 8 |
| 077 | 928 | 93990 | | | 192 | 50990 | | | 647 | 98993 | | | 04 | 5 |
| 084 | 936 | 93990 | | | | | | | | | | | 03 | 8 |
| 03 | | | | | | | | | | | | | | |
| 005 | 041 | 53 0 | 26 | 72 | | | | | | | | | 02 | 2 |
| 026 | 074 | 57 0 | | | 950 | 47 0 | | | | | | | 03 | 7 |
| 171 | 092 | 62420 | | | 965 | 31 0 | | | 434 | 37**0 | | | 02 | 7 |
| 322 | 101 | 43 | | | | | | | | | | | 08 | 2 |
| 476 | 131 | 64490 | 23 | 26 | 006 | 27 0 | 22 | 41 | 456 | 31**0 | 24 | 13 | 02 | 2 |
| 743 | 107 | 57 0 | 19 | 35 | 972 | 27 0 | 18 | 41 | | | | | 02 | 2 |
| 808 | 107 | 62590 | 14 | 44 | | | | | | | | | 03 | 2 |
| 917 | 099 | 59 0 | 23 | 24 | 963 | 27 0 | 23 | 29 | | | | | 02 | 2 |
| 953 | 078 | 55 0 | | | 938 | 26 0 | | | | | | | 03 | 2 |
| 04 | | | | | | | | | | | | | | |
| 018 | 101 | 43 | | | | | | | | | | | 03 | 1 |
| 202 | 025 | 92992 | | | 894 | 00990 | | | | | | | 04 | 1 |
| 231 | 101 | 43 | | | | | | | | | | | 03 | 1 |
| 270 | 035 | 96990 | 10 | 45 | 903 | 00999 | 01 | 56 | 385 | 01993 | | | 03 | 1 |
| 339 | 069 | 91 | | | | | | | | | | | 03 | 8 |
| 360 | 935 | 64990 | 16 | 24 | 195 | 04990 | 17 | 15 | | | | | 03 | 5 |
| 06 | | | | | | | | | | | | | | |
| 180 | 953 | 83959 | | | 228 | 95998 | | | 693 | 92997 | | | 03 | 5 |
| 260 | 955 | 85 | | | 230 | 99 | | | 672 | 09*** | | | 03 | 8 |
| 447 | 603 | 85939 | | | 297 | 06 2 | | | 675 | 07**5 | | | 03 | 8 |
| 610 | 620 | 84985 | 27 | 25 | 340 | 02 1 | 26 | 40 | | | | | 05 | 5 |
| 07 | | | | | | | | | | | | | | |
| 110 | 945 | 86945 | 13 | 99 | | | | | | | | | 02 | 5 |
| 145 | 957 | 84922 | | | 228 | 02 4 | | | 664 | 10**4 | | | 02 | 8 |
| 190 | 953 | 77039 | | | 225 | 07 4 | | | 657 | 10**7 | | | 02 | 8 |
| 480 | 962 | 94 7 | | | 226 | 10 0 | | | | | | | 02 | 8 |
| 510 | 951 | 89973 | 19 | 76 | 220 | 03 4 | 20 | 98 | 659 | 09**7 | 20 | 56 | 02 | 5 |
| 645 | 958 | 87020 | | | 223 | 05 7 | | | 658 | 13**7 | | | 02 | 8 |
| 08 | | | | | | | | | | | | | | |
| 509 | 101 | 50 | | | | | | | | | | | 03 | 1 |
| 521 | 101 | 43 | | | | | | | | | | | 14 | 8 |
| 536 | 954 | 89997 | | | 219 | 04995 | | | 654 | 08998 | | | 14 | 8 |
| 10 | | | | | | | | | | | | | | |
| 122 | 124 | 65450 | 27 | 42 | | | | | | | | | 08 | 2 |
| 338 | 096 | 58 0 | 28 | 39 | 962 | 86 0 | 29 | 53 | | | | | 02 | 2 |
| 384 | 949 | 88995 | 29 | 50 | | | | | | | | | 03 | 5 |
| 419 | 139 | 62390 | 27 | 35 | 554 | 36 0 | | | | | | | 03 | 2 |
| 633 | 947 | 87991 | 29 | 41 | 216 | 05990 | | | 659 | 02994 | | | 03 | 5 |
| 866 | 959 | 85999 | 32 | 34 | 228 | 04998 | 33 | 48 | 666 | 06997 | 33 | 36 | 03 | 5 |
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| 030 | 946 | 90970 | 35 | 26 | 213 | 06 5 | 36 | 32 | 652 | 07**0 | 36 | 20 | 03 | 5 |
| 567 | 101 | 43 | | | | | | | | | | | 05 | 5 |
| 40 | | | | | | | | | | | | | | |
| 427 | 210 | 87460 | 05 | 5 | 132 | 57 0 | 09 | 13 | 540 | 99**0 | 08 | 31 | 14 | 2 |
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| 182 | 984 | 72 | | | 267 | 95 | | | | | | | 15 | 8 |
| 339 | 971 | 80 | | | 253 | 08 | | | | | | | 15 | 8 |
| 475 | 978 | 74 | | | 264 | 89 | | | | | | | 15 | 8 |
| 807 | 968 | 76 | | | 248 | 98 | | | | | | | 15 | 8 |
| 867 | 974 | 76 | | | 256 | 98 | | | | | | | 15 | 8 |
| 43 | | | | | | | | | | | | | | |
| 063 | 101 | 40 | | | | | | | | | | | 14 | 8 |
| 149 | 101 | 43 | | | | | | | | | | | 14 | 8 |
| 279 | 963 | 79 | | | 239 | 02 | | | | | | | 14 | 8 |
| 371 | 959 | 84 | | | 232 | 05 | | | | | | | 15 | 8 |
| 45 | | | | | | | | | | | | | | |
| 007 | 101 | 50 | | | | | | | | | | | 22 | 8 |
| 47 | | | | | | | | | | | | | | |
| 212 | 182 | 78936 | | | 068 | 99995 | | | | | | | 03 | 1 |
| 401 | 009 | 95999 | | | 870 | 09990 | | | 328 | 03993 | | | 03 | 1 |
| 412 | 049 | 91009 | | | 987 | 98993 | | | 426 | 98994 | | | 03 | 1 |
| 580 | 205 | 75990 | 23 | 66 | 132 | 96990 | 24 | 30 | | | | | 03 | 1 |
| 590 | 005 | 81991 | | | 913 | 96997 | | | 378 | 06998 | | | 05 | 1 |
| 600 | 113 | 81992 | | | 029 | 95993 | | | 399 | 04995 | | | 03 | 1 |
| 635 | 201 | 79990 | 26 | 40 | 106 | 01995 | 26 | 38 | | | | | 03 | 1 |
| 646 | 127 | 79998 | | | 039 | 98997 | | | 492 | 06993 | | | 03 | 1 |
| 671 | 101 | 50 | | | | | | | | | | | 03 | 1 |
| 744 | 063 | 03994 | | | 933 | 02992 | | | 353 | 05995 | | | 03 | 1 |
| 778 | 142 | 76815 | | | 064 | 98997 | | | 490 | 14994 | | | 03 | 1 |
| 808 | 200 | 76842 | 24 | 60 | 119 | 95990 | | | 568 | 08996 | | | 03 | 1 |
| 827 | 147 | 76794 | 20 | 38 | 070 | 96998 | 29 | 59 | 523 | 11995 | | | 03 | 1 |
| 931 | 101 | 43 | | | | | | | | | | | 04 | 1 |
| 60 | | | | | | | | | | | | | | |
| 120 | 101 | 43 | | | | | | | | | | | 03 | 1 |
| 155 | 965 | 81451 | | | 238 | 00 0 | | | | | | | 02 | 5 |
| 390 | 969 | 83987 | | | 242 | 91111 | | | | | | | 02 | 8 |
| 715 | 101 | 43 | | | | | | | | | | | 02 | 5 |
| 61 | | | | | | | | | | | | | | |
| 642 | 969 | 79997 | 07 | 18 | 246 | 01 1 | 08 | 17 | | | | | 07 | 5 |
| 62 | | | | | | | | | | | | | | |
| 053 | | | | | | | | | | | | | | |
| 366 | 101 | 43 | | | | | | | | | | | 03 | 5 |
| 70 | | | | | | | | | | | | | | |
| 026 | 018 | 96995 | 21 | 17 | 882 | 97995 | 21 | 16 | | | | | 03 | 1 |
| 133 | 037 | 94994 | 28 | 27 | 896 | 00996 | 27 | 16 | 405 | 94998 | | | 04 | 1 |
| 200 | 028 | 95995 | 34 | 16 | | | | | | | | | 03 | 1 |
| 204 | 039 | 92997 | | | 899 | 07997 | | | 390 | 95994 | | | 03 | 1 |
| 219 | 036 | 96993 | | | 898 | 01990 | | | 394 | ***** | | | 03 | 1 |
| 231 | 032 | 96995 | | | 888 | 01999 | | | 395 | 95991 | | | 03 | 1 |
| 261 | 814 | 04997 | | | 891 | 96992 | | | 408 | 95998 | | | 03 | 1 |
| 273 | 101 | 50 | | | | | | | | | | | 03 | 1 |
| 291 | 015 | 94991 | | | 896 | 95993 | | | | | | | 03 | 1 |

| Index No. iii | 1st. 5th. etc. Level PPP | 1st. 5th. etc. Level TTTTT ddx | 2nd. 6th. etc. Level PPP | 2nd. 6th. etc. Level TTTTT ddx | 3rd. 7th. etc. Level PPP | 3rd. 7th. etc. Level TTTTT ddx | 4th. 8th. etc. Level PPP | 4th. 8th. etc. Level TTTTT ddx | Hour GG | Code Type |
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| 030 | 005 | 08075 | 982 | 00001 | 440 | 89919 | 414 | 89927 | 03 | 8 |
| 384 | 987 | 11075 | 932 | 08034 | 873 | 07004 | 791 | 00532 | 03 | 5 |
| 415 | 014 | 10088 | 973 | 07067 | 963 | 09062 | 930 | 08039 | 03 | 8 |
| 02 | | | | | | | | | | |
| 057 | 005 | 12070 | 962 | 10046 | 883 | 03506 | 789 | 51552 | 03 | 8 |
| 077 | 005 | 16141 | 953 | 13114 | 897 | 14097 | 607 | 60631 | 04 | 5 |
| 084 | 009 | 16148 | 929 | 15023 | 870 | 11003 | 829 | 09506 | 03 | 8 |
| 03 | | | | | | | | | | |
| 005 | 009 | 47430 | | | | | | | 02 | 2 |
| 026 | | | | | | | | | | |
| 171 | 017 | 57540 | 967 | 51490 | 927 | 51500 | 770 | 35350 | 02 | 7 |
| 322 | 009 | 69550 | | | | | | | 08 | 2 |
| 476 | 010 | 58500 | 995 | 70590 | 968 | 74450 | 794 | 54280 | 02 | 2 |
| 743 | 996 | 65520 | | | | | | | 02 | 2 |
| 808 | 002 | 62590 | | | | | | | 03 | 2 |
| 917 | 007 | 56540 | | | | | | | 02 | 2 |
| 953 | 008 | 71 0 | 970 | 73 0 | 563 | 13**0 | 533 | 13**0 | 03 | 2 |
| 04 | | | | | | | | | | |
| 018 | 018 | 07050 | 944 | 02011 | 915 | 07998 | 879 | | 03 | 1 |
| 202 | 013 | 08053 | 851 | 01513 | 827 | 03598 | 786 | 01642 | 04 | 1 |
| 231 | 012 | 12021 | 798 | 02557 | 784 | 01526 | 598 | 60620 | 03 | 1 |
| 270 | 024 | 07057 | 974 | 06998 | 944 | 09996 | 455 | 74993 | 03 | 1 |
| 339 | 016 | 03 | 920 | 15 | 769 | 03*** | 726 | 05*** | 03 | 8 |
| 360 | 125 | 03 | 967 | 09040 | 882 | 11010 | 753 | 03510 | 03 | 5 |
| 06 | | | | | | | | | | |
| 180 | 013 | 14131 | 982 | 15141 | 963 | 18144 | 926 | 17093 | 03 | 5 |
| 260 | 014 | 15134 | 958 | 20106 | 903 | 17084 | 832 | 15011 | 03 | 8 |
| 447 | 001 | 18154 | 968 | 24205 | 840 | 15061 | 825 | 15047 | 03 | 8 |
| 610 | 957 | 14125 | 895 | 21093 | 859 | 20054 | 739 | 11568 | 05 | 5 |
| 07 | | | | | | | | | | |
| 110 | 999 | 17133 | 971 | 17142 | 897 | 15092 | 822 | 09042 | 02 | 5 |
| 145 | 991 | 19117 | 960 | 27210 | 902 | 25135 | 826 | 19026 | 02 | 8 |
| 190 | 995 | 15104 | 977 | 22130 | 943 | 22116 | 892 | 22098 | 02 | 8 |
| 480 | 988 | 23136 | 945 | 23122 | 915 | 24076 | 850 | 22013 | 02 | 8 |
| 510 | 008 | 19161 | 965 | 17164 | 910 | 17120 | 875 | 18121 | 02 | 5 |
| 645 | 007 | 19197 | 985 | 21181 | 974 | 22152 | 936 | 22112 | 02 | 8 |
| 08 | | | | | | | | | | |
| 509 | 007 | 17138 | 926 | 10099 | 835 | 06018 | 804 | 11522 | 03 | 1 |
| 521 | 014 | 24174 | 884 | 13127 | 864 | 14119 | 846 | 15515 | 14 | 8 |
| 536 | 009 | 26111 | 890 | 13072 | 877 | 15595 | 800 | 12616 | 14 | 8 |
| 10 | | | | | | | | | | |
| 122 | 014 | 71610 | | | | | | | 08 | 2 |
| 338 | 009 | 56530 | | 65620 | 577 | 25970 | 197 | 25**0 | 02 | 2 |
| 384 | 009 | 18154 | 971 | 18136 | 929 | 16121 | 884 | 12121 | 03 | 5 |
| 419 | 955 | 62530 | | | | | | | 03 | 2 |
| 633 | 998 | 16112 | 947 | 18081 | 863 | 15073 | 809 | 11038 | 03 | 5 |
| 866 | 955 | 10077 | 929 | 16086 | 873 | 16002 | 825 | 13035 | 03 | 5 |
| 11 | | | | | | | | | | |
| 030 | 995 | 13124 | 940 | 17129 | 780 | 05023 | 740 | 05574 | 03 | 5 |
| 567 | 982 | 14124 | 952 | 16137 | 592 | 50998 | 490 | 62990 | 05 | 5 |
| 40 | | | | | | | | | | |
| 427 | 995 | 96710 | 990 | 95670 | 965 | 98450 | 934 | 93280 | 14 | 2 |
| 42 | | | | | | | | | | |
| 182 | 972 | 27260 | 565 | 07050 | 215 | 92*** | 142 | 07*** | 15 | 8 |
| 339 | 972 | 33230 | 826 | 94140 | 751 | 16080 | 676 | 10090 | 15 | 8 |
| 475 | 986 | 31250 | 639 | 12050 | 536 | 03030 | 326 | 71*** | 15 | 8 |
| 807 | 000 | 28250 | 474 | 54 | 464 | 57*** | 255 | 83*** | 15 | 8 |
| 867 | 963 | 26240 | 552 | 03540 | 250 | 84*** | 200 | 98*** | 15 | 8 |
| 43 | | | | | | | | | | |
| 063 | 937 | 22810 | 334 | 65 | | | | | 14 | 8 |
| 149 | 994 | 25240 | 922 | 21210 | 350 | 69*** | | | 14 | 8 |
| 279 | 001 | 29200 | 937 | 23190 | 735 | 11070 | 672 | 06050 | 14 | 8 |
| 371 | 000 | 27240 | 840 | 15120 | 758 | 11060 | 418 | 65*** | 15 | 8 |
| 45 | | | | | | | | | | |
| 007 | 011 | 25240 | 950 | 24240 | 900 | 22220 | 800 | 18180 | 22 | 8 |
| 47 | | | | | | | | | | |
| 212 | 005 | 20167 | 971 | 18117 | 939 | 18056 | 771 | 09013 | 03 | 1 |
| 401 | 017 | 17121 | 959 | 15113 | 895 | 16122 | 792 | 11097 | 03 | 1 |
| 412 | 008 | 18113 | 973 | 13127 | 932 | 12099 | 328 | 88990 | 03 | 1 |
| 580 | 010 | 16156 | 956 | 15159 | 926 | 16165 | 910 | 19195 | 03 | 1 |
| 590 | 008 | 23221 | 689 | 11101 | 667 | 09081 | 600 | 04021 | 05 | 1 |
| 600 | 009 | 22161 | 945 | 17123 | 811 | 09033 | 703 | 03538 | 03 | 1 |
| 635 | 014 | 30240 | 690 | 05017 | 673 | 06014 | 540 | 50602 | 03 | 1 |
| 646 | 008 | 23183 | 777 | 08027 | 609 | 00618 | 544 | 54679 | 03 | 1 |
| 671 | 012 | 26226 | 925 | 24184 | 740 | 12082 | 612 | 07604 | 03 | 1 |
| 744 | 008 | 24124 | 920 | 19062 | 880 | 16036 | 591 | 53687 | 03 | 1 |
| 778 | 001 | 21169 | 943 | 18145 | 887 | 14077 | 779 | 09003 | 03 | 1 |
| 808 | 012 | 25193 | 750 | 12073 | 620 | 04552 | 488 | 54591 | 03 | 1 |
| 827 | 013 | 28213 | 963 | 19138 | 897 | 15117 | 773 | 10040 | 03 | 1 |
| 931 | 013 | 32266 | 935 | 26258 | 650 | 08546 | 560 | 02671 | 04 | 1 |
| 60 | | | | | | | | | | |
| 120 | 010 | 16157 | 950 | 15122 | 886 | 13516 | 792 | 15596 | 03 | 1 |
| 155 | 012 | 19185 | 972 | 16154 | 959 | 14132 | 942 | 13110 | 02 | 5 |
| 390 | 012 | 23191 | 000 | 21189 | 978 | 21153 | 925 | 21103 | 02 | 8 |
| 715 | 014 | 21134 | 973 | 25163 | 948 | 25170 | | | 02 | 5 |
| 61 | | | | | | | | | | |
| 642 | 006 | 26231 | 950 | 22224 | 921 | 23151 | 827 | 21182 | 07 | 5 |
| 62 | | | | | | | | | | |
| 053 | 001 | 80550 | 982 | 72510 | 745 | 48070 | 531 | 22900 | 14 | 2 |
| 366 | 002 | 30140 | 775 | 14076 | 756 | 14555 | 750 | 16**4 | 03 | 5 |
| 70 | | | | | | | | | | |
| 026 | 009 | 03014 | 995 | 01514 | 964 | 10061 | 951 | 11039 | 03 | 1 |
| 133 | 008 | 10088 | 968 | 60395 | | 13512 | 808 | 04516 | 03 | 1 |
| 200 | 009 | 15094 | 916 | 12505 | 737 | 00544 | 642 | 54622 | 03 | 1 |
| 204 | 012 | 07061 | 761 | 52539 | 751 | 50513 | 717 | 00568 | 03 | 1 |
| 219 | 006 | 25152 | 860 | 11072 | 724 | 00528 | 660 | 53592 | 03 | 1 |
| 231 | | | | | | | | 87982 | 03 | 1 |
| 261 | 990 | 23089 | 984 | 21075 | | | | 52588 | 03 | 1 |
| 273 | 003 | 15124 | 978 | 14076 | 450 | 74785 | 101 | 58*** | 03 | 1 |
| 291 | 946 | 16115 | 714 | 51538 | 400 | 80867 | 344 | 89959 | 03 | 1 |

| Index No. iii | 1st. 5th. etc. Level PPP | 1st. 5th. etc. Level TTTTT ddx | 2nd. 6th. etc. Level PPP | 2nd. 6th. etc. Level TTTTT ddx | 3rd. 7th. etc. Level PPP | 3rd. 7th. etc. Level TTTTT ddx | 4th. 8th. etc. Level PPP | 4th. 8th. etc. Level TTTTT ddx | Hour GG | Code Type |
|---|---|---|---|---|---|---|---|---|---|---|
| 01 | | | | | | | | | | |
| 001 | 800 | 52572 | 782 | 51557 | 533 | 65757 | 425 | 80883 | 03 | 8 |
| 030 | 400 | 91941 | 328 | 97 4 | 250 | 91**7 | 174 | 91**7 | 03 | 8 |
| 384 | 754 | 50536 | 730 | 52551 | 709 | 51584 | 671 | 54587 | 03 | 5 |
| 415 | 860 | 03516 | 840 | 04516 | 750 | 01573 | 400 | 79895 | 03 | 8 |
| 02 | | | | | | | | | | |
| 057 | 676 | 60631 | 638 | 61649 | 549 | 68718 | 452 | 75993 | 03 | 8 |
| 077 | 580 | 59641 | 403 | 76822 | 255 | 02996 | 131 | 98999 | 04 | 5 |
| 084 | 750 | 03003 | 714 | 02672 | 679 | 00621 | 640 | 51762 | 03 | 8 |
| 03 | | | | | | | | | | |
| 005 | | | | | | | | | | |
| 026 | | | | | | | | | | |
| 171 | 744 | 41150 | 583 | 83010 | 369 | 83590 | 230 | 37**0 | 02 | 7 |
| 322 | | | | | | | | | | |
| 476 | 758 | 56250 | 464 | 06980 | 188 | 29**0 | 162 | 30**0 | 02 | 2 |
| 743 | | | | | | | | | | |
| 808 | | | | | | | | | | |
| 917 | | | | | | | | | | |
| 953 | 264 | 41 0 | 253 | 41 0 | 209 | 25**0 | 175 | 37**0 | 03 | 2 |
| 04 | | | | | | | | | | |
| 018 | | | | | | | | | | |
| 202 | 678 | 57617 | 659 | 56597 | 644 | 55582 | 400 | 79847 | 04 | 1 |
| 231 | 400 | 893 | | | | | | | 03 | 1 |
| 270 | 400 | 82995 | 346 | 90990 | | 03992 | 189 | 98991 | 03 | 1 |
| 339 | 406 | 76 | 310 | 90 | 217 | 05*** | 101 | 56*** | 03 | 8 |
| 360 | 724 | 03510 | 368 | 71740 | 438 | 73760 | 552 | 07990 | 03 | 5 |
| 06 | | | | | | | | | | |
| 180 | | 11507 | 253 | 91999 | 209 | 97990 | 180 | 92990 | 03 | 5 |
| 260 | 746 | 09563 | 712 | 10633 | 659 | 06591 | 336 | 82*** | 03 | 8 |
| 447 | 790 | 15531 | 758 | 14505 | 405 | 71789 | 390 | 71786 | 03 | 8 |
| 610 | 719 | 11587 | 653 | 07626 | 620 | 02668 | 596 | 01677 | 05 | 5 |
| 07 | | | | | | | | | | |
| 110 | 800 | 09054 | 770 | 08039 | 712 | 05004 | 660 | 00552 | 02 | 5 |
| 145 | 766 | 18580 | 744 | 14616 | 687 | 10602 | 628 | 02642 | 02 | 8 |
| 190 | 867 | 19072 | 775 | 16522 | 642 | 04569 | 616 | 03675 | 02 | 8 |
| 480 | 743 | 49623 | 700 | 16673 | 635 | 10730 | 592 | 04771 | 02 | 8 |
| 510 | 700 | 10003 | 675 | 05534 | 560 | 56649 | 530 | 58679 | 02 | 5 |
| 645 | 915 | 20080 | 817 | 20522 | 805 | 19548 | 674 | 07646 | 02 | 8 |
| 08 | | | | | | | | | | |
| 509 | 563 | 56694 | 436 | 64998 | 101 | 58*** | | | 03 | 1 |
| 521 | 832 | 1460 | 747 | 1261 | 678 | 07646 | 600 | 0368* | 14 | 8 |
| 536 | 600 | 51693 | 400 | 72998 | 238 | 02990 | 112 | 12997 | 14 | 8 |
| 10 | | | | | | | | | | |
| 122 | | | | | | | | | | |
| 338 | 113 | 28 0 | 063 | 59 0 | | | | | 02 | 2 |
| 384 | 827 | 08064 | 814 | 09604 | 786 | 08621 | 654 | 03661 | 03 | 5 |
| 419 | | | | | | | | | | |
| 633 | 783 | 13031 | 714 | 10991 | 623 | 05591 | 429 | 70762 | 03 | 5 |
| 866 | 716 | 10991 | 600 | 02992 | 460 | 62796 | 400 | 71861 | 03 | 5 |
| 11 | | | | | | | | | | |
| 030 | 665 | 02595 | 620 | 52635 | 596 | 52716 | 400 | 74866 | 03 | 5 |
| 567 | | | | | | | | | | |
| 40 | | | | | | | | | | |
| 427 | 789 | 73130 | 729 | 67030 | 561 | 35840 | 549 | 34830 | 14 | 2 |
| 42 | | | | | | | | | | |
| 182 | | | | | | | | | | |
| 339 | 645 | 10030 | 164 | 20 | | | | | 15 | 8 |
| 475 | 258 | 79 | 254 | 82 | 181 | 91*** | | | 15 | 8 |
| 807 | 154 | 11 | | | | | | | 15 | 8 |
| 867 | | | | | | | | | | |
| 43 | | | | | | | | | | |
| 063 | | | | | | | | | | |
| 149 | | | | | | | | | | |
| 279 | 632 | 05010 | 200 | 01 | | | | | 14 | 8 |
| 371 | 200 | 04 | | | | | | | 15 | 8 |
| 45 | | | | | | | | | | |
| 007 | 750 | 14140 | 650 | 07070 | 600 | 03030 | 550 | 51**0 | 22 | 8 |
| 47 | | | | | | | | | | |
| 212 | 531 | 01528 | 400 | 65811 | 285 | 95990 | 216 | 94992 | 03 | 1 |
| 401 | 785 | 52561 | 751 | 00533 | 580 | 61646 | 492 | 80842 | 03 | 1 |
| 412 | 213 | 96997 | 184 | 96990 | 096 | 98994 | 101 | 58*** | 03 | 1 |
| 580 | 660 | 08046 | 591 | 03575 | 543 | 51587 | 527 | 51566 | 03 | 1 |
| 590 | 400 | 70791 | 313 | 80897 | 155 | 04998 | 112 | 05990 | 05 | 1 |
| 600 | 611 | 61593 | 488 | 61691 | 380 | 63801 | 295 | 82990 | 03 | 1 |
| 635 | 423 | 63698 | 400 | 64719 | 248 | 90990 | 143 | 17996 | 03 | 1 |
| 646 | 428 | 68792 | 305 | 78991 | 245 | 87999 | 134 | 06990 | 03 | 1 |
| 671 | 580 | 03688 | 554 | 02587 | 525 | 02621 | 465 | 53631 | 03 | 1 |
| 744 | 569 | 54697 | 429 | 57817 | 362 | 74883 | 348 | 74887 | 03 | 1 |
| 778 | 652 | 01532 | 577 | 55591 | 527 | 58592 | 481 | 59602 | 03 | 1 |
| 808 | 636 | 81 | 839 | 54 | 089 | 96*** | 089 | 96*** | 03 | 1 |
| 827 | 600 | 51997 | 560 | 54648 | 533 | 55651 | 440 | 63744 | 03 | 1 |
| 931 | 490 | 55696 | 478 | 56708 | 447 | 56748 | 442 | 56998 | 04 | 1 |
| 60 | | | | | | | | | | |
| 120 | 727 | 12608 | 648 | 07575 | 586 | 00695 | 400 | 70997 | 03 | 1 |
| 155 | 910 | 13078 | 885 | 15047 | 850 | 16015 | 823 | 16002 | 02 | 5 |
| 390 | 892 | 26117 | 875 | 27094 | 813 | 24044 | 580 | 51694 | 02 | 8 |
| 715 | 834 | 18054 | 787 | 13014 | 748 | 13505 | | 12531 | 02 | 5 |
| 61 | | | | | | | | | | |
| 642 | 800 | 19106 | 698 | 11035 | 524 | 57609 | 509 | 55992 | 07 | 5 |
| 62 | | | | | | | | | | |
| 053 | 306 | 79460 | 261 | 64410 | 045 | 29*** | | | 14 | 2 |
| 366 | 725 | 16 4 | 566 | 05 4 | 400 | 70**7 | | | 03 | 5 |
| 70 | | | | | | | | | | |
| 026 | | | 795 | 06543 | 747 | 02080 | | 00589 | 03 | 1 |
| 133 | 732 | 02673 | 626 | 53747 | 400 | 78995 | 366 | 83952 | 04 | 1 |
| 200 | | | | | | | 336 | 88997 | 03 | 1 |
| 204 | 600 | 56600 | 688 | 56683 | 538 | 62773 | 400 | 76**0 | 03 | 1 |
| 219 | 631 | 55602 | 605 | 56663 | 489 | 66806 | 476 | 69765 | 03 | 1 |
| 231 | 336 | 08993 | 080 | 94998 | | | | | 03 | 1 |
| 261 | 655 | 55991 | 634 | 56657 | 589 | 59718 | 448 | 75866 | 03 | 1 |
| 273 | | | | | | | | | | |
| 291 | 250 | 00990 | 185 | 96999 | | | | | 03 | 1 |

JULY 13

## RADIOSONDE AND RAWINSONDE DATA

| Index No. iii | Station Name | 1000 mb. hhh | TTTTT ddx | dd | ff | 850 mb. hhh | TTTTT ddx | dd | ff | 700 mb. hhh | TTTTT ddx | dd | ff | 500 mb. hhh | TTTTT ddx | dd | ff | Hour GG | Code Type |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 316 | FORT RANDALL | 101 | 42 | | | | | | | *** | ***** | | | *** | ***** | | | 03 | 1 |
| 350 | KODIAK | 019 | 09085 | | | 459 | 05040 | | | 970 | 53546 | | | 818 | 69742 | | | 03 | 1 |
| 361 | YAKUTAT | 050 | 09084 | 13 | 9 | 486 | 02013 | 17 | 18 | 994 | 54559 | 18 | 20 | *** | ***** | | | 03 | 1 |
| 381 | JUNEAU | 052 | 13118 | | | | 05049 | | | 009 | 52777 | | | 865 | 65733 | | | 03 | 1 |
| 398 | ANNETTE IS | 055 | 13123 | 15 | 10 | 501 | 09082 | 19 | 10 | 022 | 01070 | 18 | 23 | 886 | 62682 | 20 | 32 | 06 | 1 |
| 454 | LONGVIEW | 101 | 42 | | | | | | | *** | ***** | | | *** | ***** | | | 03 | 1 |
| 485 | FORT GLENN | 040 | 09075 | 17 | 3 | 479 | 05032 | 17 | 8 | 995 | 01653 | 21 | 7 | 860 | 63723 | 30 | 14 | 03 | 1 |
| | BLOCK 72 | | | | | | | | | | | | | | | | | | |
| 202 | MIAMI | 056 | 26221 | 07 | 6 | 520 | 17122 | 17 | 8 | 056 | 07522 | 26 | 18 | 939 | 57605 | 23 | 11 | 03 | 1 |
| 208 | CHARLESTON | 044 | 26234 | 17 | 9 | 510 | 17105 | 23 | 5 | 048 | 10598 | 25 | 9 | 941 | 54999 | 13 | 8 | 03 | 1 |
| 211 | TAMPA | 053 | 26227 | 22 | 9 | 517 | 17096 | 24 | 16 | 054 | 08023 | 25 | 16 | 938 | 57687 | | | 03 | 1 |
| 219 | ATLANTA | 042 | | | | 505 | 17158 | 21 | 16 | 043 | 09055 | 22 | 17 | 936 | 55574 | | | 03 | 1 |
| 231 | NEW ORLEANS | 041 | 25236 | 18 | 5 | 506 | 17154 | 20 | 9 | 044 | 09055 | 01 | 8 | 937 | 54569 | 10 | 11 | 03 | 1 |
| 240 | LAKE CHARLES | 036 | 27245 | | | 506 | 21131 | | | 048 | 10041 | | | 937 | 55607 | | | 03 | 1 |
| 250 | BROWNSVILLE | 031 | 27236 | 11 | 14 | 499 | 20134 | 10 | 8 | 041 | 11023 | 06 | 10 | 937 | 55601 | 04 | 11 | 03 | 1 |
| 253 | SAN ANTONIO | 030 | | | | 506 | 22152 | 14 | 9 | 052 | 12007 | 05 | 8 | 951 | 53698 | 04 | 15 | 03 | 1 |
| 259 | FT WORTH | 030 | | | | 507 | 54139 | 20 | 8 | 054 | 13072 | 28 | 13 | 951 | 55579 | 33 | 20 | 03 | 1 |
| 265 | BIG SPRING | 021 | | | | 500 | 27113 | 08 | 13 | 052 | 12056 | 19 | 7 | 948 | 56586 | 32 | 13 | 03 | 1 |
| 270 | EL PASO | 015 | | | | 497 | 28121 | 26 | 3 | 046 | 12068 | 12 | 5 | 945 | 56616 | 21 | 3 | 03 | 1 |
| 278 | PHOENIX | 018 | | | | 502 | 27117 | 25 | 9 | 052 | 12043 | 34 | 14 | 944 | 54725 | | | 03 | 1 |
| 304 | HATTERAS | 047 | 25221 | 22 | 17 | 508 | 16052 | 21 | 21 | 043 | 09011 | 21 | 18 | 933 | 55739 | 21 | 5 | 03 | 1 |
| 317 | GREENSBORO | 041 | | | | 507 | 19152 | 22 | 25 | 044 | 08079 | 25 | 21 | 936 | 55561 | 23 | 6 | 03 | 1 |
| 327 | NASHVILLE | 031 | | | | 497 | 17147 | 35 | 5 | 035 | 10011 | 29 | 9 | 928 | 55693 | 30 | 11 | 03 | 1 |
| 340 | LITTLE ROCK | 034 | 22218 | 23 | 9 | 500 | 21141 | 26 | 11 | 043 | 10071 | 27 | 21 | 936 | 53598 | 27 | 24 | 03 | 1 |
| 353 | OKLAHOMA CTY | 032 | | | | 500 | 17167 | 36 | 11 | 038 | 11033 | 31 | 15 | 933 | 54625 | 29 | 16 | 03 | 1 |
| 365 | ALBUQUERQUE | 020 | | | | 499 | | | | 045 | 10066 | 14 | 7 | 941 | 55587 | 22 | 10 | 03 | 1 |
| 386 | LAS VEGAS | 013 | | | | 497 | 28042 | 20 | 6 | 047 | 12021 | 29 | 4 | 936 | 59645 | 08 | 2 | 03 | 1 |
| 394 | SANTA MARIA | 046 | 14125 | 30 | 10 | 505 | 21503 | 04 | 2 | 046 | 10021 | 15 | 18 | 934 | 56998 | 19 | 9 | 03 | 1 |
| 405 | WASHINGTON | 034 | 23211 | 19 | 15 | 497 | 17143 | 24 | 30 | 034 | 09052 | | | 926 | 56582 | | | 03 | 1 |
| 445 | COLUMBIA | 037 | | | | 494 | 15137 | 05 | 11 | 028 | 07055 | 36 | 14 | 919 | 55999 | 31 | 22 | 03 | 1 |
| 451 | DODGE CITY | 039 | | | | 505 | 19114 | 05 | 8 | 043 | 09554 | 02 | 5 | 936 | 54997 | 31 | 17 | 03 | 1 |
| 476 | GRAND JUNC | 018 | | | | 497 | 25087 | 33 | 2 | 046 | 13003 | 35 | 8 | 939 | 58610 | 28 | 16 | 03 | 1 |
| 486 | ELY | 031 | | | | 503 | | | | 047 | 12011 | 34 | 10 | 936 | 58637 | 24 | 9 | 03 | 1 |
| 493 | OAKLAND | 043 | 14115 | 31 | 7 | 502 | 28994 | 19 | 13 | 045 | 11548 | 18 | 21 | 935 | 56997 | 17 | 13 | 03 | 1 |
| 506 | NANTUCKET | 047 | 21203 | 19 | 10 | 506 | 16133 | 22 | 17 | 041 | 06047 | 25 | 19 | 924 | 57612 | 24 | 24 | 03 | 1 |
| 518 | ALBANY | 034 | 22211 | 19 | 11 | 494 | 16083 | | | 023 | 05031 | | | 899 | 61763 | | | 04 | 1 |
| 520 | PITTSBURGH | 101 | 42 | | | | | | | *** | ***** | | | *** | ***** | | | 03 | 1 |
| 528 | BUFFALO | 035 | | | | 492 | 15099 | 24 | 17 | 025 | 06575 | 26 | 16 | 899 | 59616 | | | 04 | 1 |
| 534 | CHICAGO | 038 | | | | 496 | 14058 | 06 | 17 | 027 | 07994 | 34 | 7 | 910 | 57737 | 29 | 20 | 03 | 1 |
| 536 | TOLEDO | 037 | | | | 495 | 15996 | 33 | 8 | 027 | 07990 | | | 907 | 58990 | | | 03 | 1 |
| 553 | OMAHA | 037 | | | | 503 | 17123 | 05 | 7 | 038 | 08013 | 34 | 19 | 926 | 56991 | 31 | 21 | 03 | 1 |
| 562 | N PLATTE | 032 | | | | 500 | 21087 | 09 | 2 | 038 | 08552 | 34 | 11 | 926 | 57742 | | | 03 | 1 |
| 576 | LANDER | 033 | | | | 503 | | | | 044 | 10019 | 29 | 10 | 932 | 60631 | | | 03 | 1 |
| 597 | MEDFORD | 032 | | | | 506 | 22059 | 30 | 10 | 048 | 09508 | 24 | 5 | 932 | 59730 | 25 | 9 | 03 | 1 |
| 600 | SABLE ISLAND | 055 | 12127 | | | 499 | 12033 | | | 032 | 05556 | | | 909 | 61644 | | | 03 | 1 |
| 606 | PORTLAND | 037 | 20188 | 21 | 15 | 498 | 15091 | 21 | 17 | 028 | 07576 | | | 907 | 60755 | | | 03 | 1 |
| 655 | ST CLOUD | 040 | | | | 500 | 14079 | 36 | 9 | 030 | 05990 | 32 | 11 | 905 | 61783 | 29 | 25 | 03 | 1 |
| 662 | RAPID CITY | 024 | | | | 496 | 22075 | 18 | 19 | 037 | 08023 | 21 | 30 | *** | ***** | | | 03 | 1 |
| 681 | BOISE | 018 | | | | 497 | 26037 | 34 | 11 | 044 | 11524 | 29 | 20 | 928 | 58995 | 30 | 12 | 03 | 1 |
| 712 | CARIBOU | 035 | | | | 489 | 13062 | 25 | 24 | 014 | 03998 | 26 | 24 | 884 | 63675 | 27 | 38 | 03 | 1 |
| 734 | SAULT MARIE | 037 | | | | 493 | 12019 | 32 | 20 | 017 | 01599 | 28 | 29 | 884 | 62992 | 28 | 38 | 03 | 1 |
| 747 | INTL FALLS | 046 | | | | 499 | 10003 | 34 | 10 | 018 | 02657 | 32 | 26 | 883 | 64995 | 30 | 39 | 03 | 1 |
| 764 | BISMARCK | 038 | | | | 502 | 16088 | 14 | 6 | 034 | 04506 | 29 | 12 | 905 | 61657 | 30 | 19 | 03 | 1 |
| 768 | GLASGOW | 037 | | | | 496 | 15077 | 11 | 12 | 028 | 04506 | 27 | 12 | 896 | 61996 | 26 | 15 | 03 | 1 |
| 775 | GREAT FALLS | 042 | | | | 505 | 15063 | 33 | 7 | 036 | 05512 | 30 | 26 | 906 | 61777 | 30 | 32 | 03 | 1 |
| 785 | SPOKANE | 028 | | | | 502 | 22043 | 36 | 3 | 039 | 06507 | 30 | 5 | 921 | 59743 | 27 | 17 | 03 | 1 |
| 798 | TATOOSH IS | 054 | 10105 | 24 | 12 | 506 | 14016 | 36 | 5 | 035 | 06565 | 33 | 15 | 915 | 59766 | 30 | 16 | 03 | 1 |
| 807 | ARGENTIA | 053 | 16103 | | | 505 | 09015 | | | 021 | 01992 | | | 883 | 66990 | | | 03 | 1 |
| 815 | STEPHENVILLE | 051 | 12085 | 00 | | 495 | 08518 | 26 | 11 | 017 | 03997 | 23 | 11 | 889 | 60994 | 29 | 19 | 03 | 1 |
| 816 | GOOSE | 028 | 16136 | 09 | 8 | 483 | 13065 | 23 | 30 | 009 | **015 | 24 | 32 | 869 | 67997 | 24 | 38 | 03 | 1 |
| 826 | NITCHEQUON | 008 | | | | 446 | 05041 | | | 961 | 55573 | | | *** | ***** | | | 03 | 1 |
| 836 | MOOSONEE | 038 | 09071 | | | 476 | 03007 | | | 986 | 55589 | | | 832 | 68803 | | | 03 | 1 |
| 867 | THE PAS | 041 | | | | 492 | 12001 | | | 014 | 51591 | | | 875 | 63786 | | | 03 | 1 |
| 879 | EDMONTON | 036 | | | | 502 | 16044 | 18 | 9 | 030 | 02529 | 18 | 4 | 895 | 63746 | 33 | 10 | 03 | 1 |
| 896 | PRINCE GEORG | 036 | | | | 502 | 17081 | 30 | 7 | 032 | 03015 | 27 | 10 | 897 | 63715 | 29 | 20 | 03 | 1 |
| 906 | FT CHIMO | 004 | 10085 | | | 936 | 08039 | | | 840 | 02006 | | | 781 | 00002 | | | 03 | 1 |
| 907 | PORT HARRISN | 015 | 01001 | | | 438 | 56571 | | | 931 | 63696 | | | 742 | 81911 | | | 03 | 1 |
| 909 | UP FROBISHER | 020 | 05035 | 13 | 13 | 451 | 50517 | 14 | 14 | 952 | 58684 | 15 | 23 | 780 | 75793 | 15 | 27 | 03 | 1 |
| 913 | CHURCHILL | 032 | 09064 | 33 | 16 | 466 | 50521 | 30 | 25 | 969 | 57583 | 32 | 27 | 828 | 70729 | 32 | 36 | 03 | 1 |
| 915 | CORAL HARBOR | 502 | | | | 426 | 53549 | | | 921 | 61680 | | | 744 | 77753 | | | 03 | 1 |
| 917 | EUREKA | 049 | 06007 | 35 | 6 | 482 | 01555 | 02 | 1 | 986 | 55657 | 35 | 10 | 826 | 72792 | 23 | 24 | 03 | 1 |
| 918 | ARCTIC BAY | 028 | 05035 | | | 459 | 51528 | | | 959 | 57576 | | | 795 | 71993 | | | 03 | 1 |
| 924 | RESOLUTE | 032 | 06029 | 03 | 18 | 467 | 01506 | 04 | 29 | 975 | 54674 | 03 | 30 | 822 | 69822 | 35 | 18 | 03 | 1 |
| 926 | BAKER LAKE | 101 | 59 | | | | | | | *** | ***** | | | *** | ***** | | | 03 | 1 |
| 934 | FT SMITH | 043 | | | | 496 | 10012 | | | 017 | 50621 | | | 870 | 67999 | | | 03 | 1 |
| 938 | COPPERMINE | 043 | 09032 | | | 488 | 08558 | | | 005 | 51592 | | | 865 | 64809 | | | 02 | 1 |
| 945 | FORT NELSON | 030 | | | | 496 | 18002 | | | 030 | 05573 | | | 899 | 62742 | | | 03 | 1 |
| 964 | WHITEHORSE | 034 | | | | 489 | 11058 | 17 | 30 | 008 | 00589 | 19 | 26 | 867 | 63717 | 18 | 69 | 03 | 1 |
| 968 | AKLAVIK | 025 | 25053 | | | 484 | 15519 | | | 011 | 02626 | | | 880 | 62721 | | | 03 | 1 |
| | BLOCK 74 | | | | | | | | | | | | | | | | | | |
| 043 | NORMAN WELLS | 030 | 28102 | | | 493 | 16032 | | | 019 | 04512 | | | 891 | 64743 | | | 03 | 1 |
| 072 | MOULD BAY | 054 | 05009 | | | 485 | 50543 | | | 984 | 57641 | | | 820 | 71767 | | | 03 | 1 |
| 074 | :SACHSEN | 054 | 01501 | | | 482 | 50554 | | | 986 | 56713 | | | 822 | 73994 | | | 03 | 1 |
| 090 | CLYDE RIVER | 032 | 07055 | 15 | 6 | 467 | 00541 | 15 | 12 | 970 | 58730 | 15 | 21 | 805 | 73856 | 15 | 46 | 03 | 1 |
| 109 | PORT HARDY | 055 | 16118 | | | 508 | 13059 | | | 040 | 06514 | | | 924 | 56716 | | | 03 | 1 |
| | BLOCK 76 | | | | | | | | | | | | | | | | | | |
| 458 | MAZATLAN | 028 | 28248 | | | 499 | 21165 | | | 044 | 11044 | | | 935 | 56596 | | | 02 | 1 |
| 491 | C VICTORIA | 023 | | | | 494 | 19145 | | | 030 | 05038 | | | *** | ***** | | | 02 | 7 |
| 679 | TACUBAYA | 018 | | | | 490 | | | | 035 | 09061 | | | 923 | 57607 | | | 03 | 1 |
| | BLOCK 78 | | | | | | | | | | | | | | | | | | |
| 016 | KINDLEY FLD | 067 | 21187 | 20 | 7 | 521 | 12029 | 17 | 4 | 045 | 03560 | 10 | 3 | *** | ***** | | | 03 | 1 |
| 325 | HAVANA C B | 048 | 27222 | 12 | 9 | 515 | 18134 | 13 | 13 | 054 | 09567 | 16 | 17 | *** | ***** | | | 04 | 1 |
| 355 | CAMAGUEY | 052 | 25232 | | | 518 | 20093 | | | 058 | 09541 | | | 946 | 57632 | | | 03 | 1 |
| 367 | GUANTANAMO | 047 | 28201 | | | 510 | 19116 | | | 054 | 09505 | | | 947 | 55783 | | | 03 | 1 |
| 395 | VERNAM FIELD | 043 | 25221 | 13 | 4 | 507 | 19122 | 08 | 17 | 046 | 09543 | 06 | 29 | 941 | 56719 | 09 | 19 | 03 | 1 |
| 501 | SWAN ISLAND | 041 | 26232 | | | 506 | 18121 | | | 046 | 10568 | | | 935 | 56616 | | | 03 | 1 |
| 525 | SAN JUAN | 048 | 25214 | 08 | 16 | 509 | 14125 | 08 | 17 | 041 | 08536 | 09 | 13 | *** | ***** | | | 03 | 1 |
| 806 | ALBROOK FLD | 031 | 25231 | 31 | 2 | 494 | 17114 | 05 | 7 | 031 | 09522 | 09 | 18 | 918 | 59990 | 09 | 14 | 03 | 1 |
| 862 | COOLIDGE FLD | 046 | 25224 | 09 | 16 | 511 | 18157 | 09 | 22 | 052 | 10071 | 09 | 12 | 955 | 03133 | 24 | 3 | 03 | 1 |
| 967 | CHAGUARAMAS | 041 | 23219 | | | 504 | 16145 | | | 038 | 07028 | | | 924 | 56643 | | | 03 | 1 |
| 972 | WALLER FIELD | 041 | 28233 | 01 | 3 | 499 | 15106 | 08 | 8 | 031 | 06509 | 09 | 22 | 916 | 56678 | 10 | 15 | 03 | 1 |
| | BLOCK 91 | | | | | | | | | | | | | | | | | | |
| 115 | IWO JIMA | 035 | 27230 | 17 | 19 | 491 | 17111 | 14 | 24 | 035 | 08033 | 12 | 23 | 940 | 56616 | 08 | 19 | 03 | 1 |
| 182 | HONOLULU | 050 | 25170 | 06 | 20 | 511 | 16073 | 08 | 12 | 047 | 10588 | 10 | 23 | 946 | 52996 | 12 | 24 | 03 | 1 |
| 215 | HARMON FLD | 028 | 31241 | 10 | 6 | 496 | 17159 | 12 | 12 | 034 | 81032 | 12 | 17 | 924 | 56676 | 11 | 10 | 03 | 1 |
| 245 | WAKE ISLAND | 046 | 27203 | 09 | 22 | 511 | 18132 | 09 | 28 | 049 | 11584 | 08 | 14 | 938 | 58664 | 34 | 9 | 03 | 1 |
| 275 | JOHNSON IS | 048 | 27212 | 07 | 16 | 512 | 18039 | 08 | 17 | 050 | 11008 | 14 | 9 | 945 | 51998 | 08 | 21 | 03 | 1 |
| 366 | KWAJALEIN | 030 | 26258 | 12 | 15 | 496 | 17179 | 11 | 22 | 035 | 09008 | 08 | 16 | 925 | 54564 | 07 | 21 | 03 | 1 |
| 413 | YAP | 032 | 31250 | 15 | 8 | 512 | 20164 | 15 | 8 | 047 | 12079 | 10 | 8 | 943 | 56565 | 10 | 8 | 03 | 1 |
| | BLOCK 98 | | | | | | | | | | | | | | | | | | |
| 327 | CLARK FIELD | 034 | | | | 503 | 17092 | 12 | 7 | 041 | 09022 | 06 | 7 | 932 | 56582 | 11 | 8 | 03 | 1 |
| QLL | OCEAN STA | | | | | | | | | | | | | | | | | | |
| 034 | 0 355 400 | 061 | 21178 | 27 | 7 | 518 | 13100 | 27 | 6 | 047 | 04014 | 21 | 6 | 922 | 50714 | 22 | 5 | 03 | 9 |
| 035 | 0 340 520 | 068 | 22188 | 32 | 5 | 525 | 74071 | 31 | 5 | 054 | 04518 | 27 | 11 | 931 | 59996 | 01 | 13 | 03 | 9 |
| 037 | 0 360 700 | 057 | 24221 | 21 | 14 | 519 | 16138 | 22 | 21 | 056 | 08024 | 20 | 32 | 944 | 56719 | 24 | 20 | 03 | 9 |
| 041 | 0 450 160 | 000 | 17166 | | | 430 | 09081 | | | 300 | 50501 | | | 558 | 70700 | | | 02 | 8 |
| 044 | 0 450 450 | 046 | 13138 | 26 | 11 | 494 | 10033 | 24 | 7 | 020 | 04996 | 28 | 19 | 890 | 64997 | 27 | 27 | 03 | 9 |
| 053 | 0 527 355 | 062 | 09063 | 05 | 13 | 050 | 09066 | 08 | 7 | 028 | 01534 | 14 | 19 | 888 | 65762 | 15 | 20 | 03 | 1 |
| 055 | 0 565 510 | 050 | 08081 | | | 493 | 07027 | | | 010 | 52543 | | | 859 | 67829 | | | 03 | 1 |
| 063 | 0 620 330 | 061 | 06052 | | | 500 | 08508 | 27 | 7 | 018 | 50567 | 23 | 11 | 877 | 64698 | 26 | 6 | 03 | 9 |
| 121 | 1 276 150 | 039 | 19526 | | | 505 | 20083 | | | 041 | 09041 | | | 931 | 55695 | | | 03 | 9 |
| 134 | 1 300 400 | 068 | 18138 | 03 | 18 | 515 | 16991 | | | 054 | 10990 | | | 945 | ***** | | | 03 | 9 |
| 142 | 1 416 287 | 066 | 13138 | | | 518 | 15044 | 26 | 33 | 052 | 07541 | 28 | 35 | *** | ***** | | | 03 | 9 |
| 144 | 1 490 480 | 047 | 12093 | 24 | 24 | 486 | 03037 | 25 | 30 | 998 | 53554 | 24 | 40 | 849 | 66804 | 27 | 48 | 03 | 9 |
| 215 | 2 110 560 | 032 | 28239 | | | 4 2 | 18090 | | | 030 | 10530 | | | 919 | 56997 | | | 03 | 1 |
| 223 | 2 286 345 | 040 | 24 | | | 000 | 18 | | | 039 | 11*** | | | 937 | 52*** | | | 02 | 1 |
| 235 | 2 390 531 | 056 | 18 | | | 507 | 14 | | | *** | ***** | | | 918 | 57*** | | | 03 | 1 |
| 237 | 2 359 749 | 078 | 23171 | 19 | 5 | 538 | 13992 | 12 | 7 | 075 | 09529 | 14 | 6 | 958 | 59702 | | | 03 | 1 |
| 246 | 2 440 650 | 043 | 10071 | 27 | 16 | 486 | 09993 | 29 | 44 | 005 | 00990 | 27 | 50 | 856 | 63095 | | | 03 | 9 |
| 360 | 3 660 020 | 133 | 08032 | 01 | 19 | 440 | 53541 | 35 | 16 | 951 | 61628 | 31 | 15 | 477 | 74785 | 01 | 26 | 03 | 5 |

JULY 14

| Index No. iii | Station Name | 1000 mb. hhh | TTTTT ddx | dd | ff | 850 mb. hhh | TTTTT ddx | dd | ff | 700 mb. hhh | TTTTT ddx | dd | ff | 500 mb. hhh | TTTTT ddx | dd | ff | Hour GG | Code Type |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | BLOCK 01 | | | | | | | | | | | | | | | | | | |
| 001 | JAN MAYEN | 148 | 01007 | | | 480 | 04522 | | | 021 | 51628 | | | 628 | 67762 | | | 03 | 8 |
| 030 | TROMSO | 078 | 04031 | | | 380 | 54549 | | | 883 | 61628 | | | 367 | 79809 | | | 03 | 8 |
| 384 | GARDERMOEN | 134 | 99999 | | | 460 | 01504 | 08 | 16 | 988 | 57589 | 28 | 10 | 527 | 74777 | | | 03 | 5 |
| 415 | SOLA | 133 | 10082 | | | 470 | 03507 | | | 033 | 51597 | | | 644 | 67764 | | | 03 | 8 |
| | BLOCK 02 | | | | | | | | | | | | | | | | | | |
| 057 | LULEA KALLAS | 066 | 06024 | | | 380 | 51562 | | | 901 | 60659 | | | 410 | 76838 | | | 03 | 8 |
| 077 | STOCKHOLM | 116 | 11091 | 30 | 3 | 450 | 02531 | 30 | 8 | 994 | 57601 | 31 | 18 | 544 | 72803 | 27 | 61 | 03 | 5 |
| 084 | GOTEBORG | 088 | 10099 | | | 440 | 07507 | | | 017 | 00603 | | | 633 | 65738 | | | 03 | 8 |
| | BLOCK 03 | | | | | | | | | | | | | | | | | | |
| 005 | LERWICK | 054 | 47460 | | | 487 | 33280 | 03 | 11 | 993 | 29900 | 02 | 12 | 844 | 99580 | 03 | 6 | 02 | 2 |
| 026 | STORNOWAY | 055 | 52410 | | | 490 | 33270 | 06 | 21 | 000 | 29960 | 06 | 11 | 851 | 98650 | 06 | 12 | 08 | 2 |
| 476 | DOWNHAM MKT | 029 | 58550 | 21 | 18 | 480 | 51460 | 22 | 15 | 001 | 32270 | 26 | 18 | 853 | 96870 | 24 | 18 | 02 | 2 |
| 743 | LARKHILL | 034 | | | | | | | | 999 | 30200 | 23 | 21 | 858 | 04960 | 24 | 30 | 02 | 2 |
| 808 | CAMBORNE | 035 | 60590 | | | 481 | 46390 | 23 | 14 | 001 | 31170 | 23 | 18 | 860 | 03710 | 24 | 22 | 02 | 2 |
| 917 | ALDERGROVE | 034 | | | | 475 | 44440 | | | 991 | 30300 | | | 852 | 03030 | | | 02 | 2 |
| 953 | VALENTIA | 025 | 61 0 | 17 | 7 | 472 | 48 0 | | | 993 | 33**0 | | | 854 | 06**0 | | | 03 | 2 |
| | BLOCK 04 | | | | | | | | | | | | | | | | | | |
| 018 | KEFLAVIK | 066 | 06043 | 27 | 2 | 501 | 07502 | 26 | 4 | 017 | 00*** | 32 | 4 | 878 | 64959 | 29 | 4 | 03 | 1 |
| 202 | THULE | 055 | 04012 | 26 | 3 | 491 | 02507 | 16 | 10 | 997 | 56584 | 18 | 18 | 839 | 71776 | 17 | 12 | 03 | 1 |
| 231 | SDR STROMFRD | 000 | 12044 | 11 | 10 | 502 | 07010 | 19 | 45 | 018 | 51527 | 20 | 21 | *** | ***** | | | 09 | 1 |
| | BLOCK 06 | | | | | | | | | | | | | | | | | | |
| 011 | THORSHAVN | 202 | 06014 | | | 518 | 02551 | | | 068 | 53659 | | | 651 | 69807 | | | 03 | 8 |
| 180 | KOBENHAVN | 102 | 14114 | 29 | 3 | 472 | 12012 | 28 | 17 | 013 | 03519 | 27 | 29 | 827 | 62632 | 28 | 82 | 03 | 5 |
| 260 | DE BILT | 086 | 18156 | | | 479 | 14101 | | | 081 | 00519 | | | 695 | 65719 | | | 03 | 8 |
| 447 | UCCLE | 100 | 16126 | | | 474 | 13082 | | | 071 | 02530 | | | 707 | 62714 | | | 03 | 8 |
| 610 | PAYERNE | 130 | | | | 520 | 15113 | 29 | 5 | 140 | 06057 | 24 | 17 | 820 | 57635 | 25 | 25 | 05 | 5 |
| | BLOCK 07 | | | | | | | | | | | | | | | | | | |
| 110 | BREST | 115 | 15155 | 20 | 9 | 480 | 09056 | 22 | 21 | 067 | 50542 | 25 | 34 | 693 | 65711 | 24 | 28 | 02 | 5 |
| 145 | TRAPPES | 121 | | | | 520 | 14127 | | | 128 | 02007 | | | 800 | 59832 | | | 02 | 8 |
| 190 | STRASBOURG | 100 | | | | 530 | 17079 | | | 133 | 02556 | | | 779 | 62782 | | | 03 | 8 |
| 480 | LYON | 120 | | | | 530 | 15086 | | | 144 | 05016 | | | 805 | 62702 | | | 02 | 8 |
| 510 | BORDEAUX | 160 | 14137 | 33 | 4 | 540 | 11063 | 33 | 20 | 131 | 04002 | 24 | 16 | 795 | 62688 | 23 | 40 | 02 | 5 |
| 645 | NIMES | 125 | 21193 | | | 570 | 14129 | | | 203 | 07040 | | | 897 | 60692 | | | 02 | 8 |
| | BLOCK 08 | | | | | | | | | | | | | | | | | | |
| 509 | LAGENS | 061 | 16139 | 27 | 10 | 507 | 07055 | 09 | 5 | 029 | 03991 | 29 | 4 | 903 | 61992 | 28 | 4 | 03 | 1 |
| 521 | FUNCHAL | 195 | 20148 | | | 591 | 16038 | | | 219 | 08642 | | | 910 | 59762 | | | 14 | 8 |
| 536 | PORTELA | 169 | 22141 | | | 552 | 14023 | | | 165 | 05992 | | | 833 | 60998 | | | 14 | 8 |
| | BLOCK 10 | | | | | | | | | | | | | | | | | | |
| 338 | HANNOVER | 025 | 68610 | 05 | 7 | 483 | 62430 | 20 | 11 | 011 | 38240 | | | 880 | 07490 | 19 | 35 | 02 | 2 |
| 384 | TEMPELHOF | 082 | 20133 | 17 | 5 | 483 | 14081 | 17 | 10 | 100 | 06687 | 17 | 11 | 777 | 62673 | 22 | 30 | 03 | 5 |
| 419 | ISERLOHN | 028 | | | | 408 | 62410 | 27 | 14 | 018 | 41220 | 21 | 22 | 886 | 08940 | 23 | 42 | 02 | 2 |
| 633 | WIESBADEN | 083 | | | | 499 | 18107 | 26 | 20 | 127 | 05547 | 25 | 26 | 784 | 64990 | 23 | 35 | 03 | 5 |
| 866 | MUNCHEN RIEM | 101 | 99999 | 99 | 99 | 497 | 18078 | 78 | 16 | 132 | 06023 | 27 | 13 | 796 | 62759 | 24 | 25 | 03 | 5 |
| | BLOCK 11 | | | | | | | | | | | | | | | | | | |
| 030 | TULLN | 105 | | | | 496 | 14058 | 15 | 7 | 118 | 07827 | 31 | 15 | 800 | 61945 | 31 | 11 | 03 | 5 |
| 567 | PRAHA KBELY | 099 | | | | 490 | 17130 | | | 085 | 08001 | | | 760 | 62690 | | | 0,5 | 5 |
| | BLOCK 16 | | | | | | | | | | | | | | | | | | |
| 596 | ORENDI | 049 | 71620 | | | 509 | 60410 | 01 | 23 | 043 | 49060 | 36 | 25 | 927 | 17770 | 35 | 33 | 02 | 2 |
| | BLOCK 17 | | | | | | | | | | | | | | | | | | |
| 606 | NICOSIA | | | | | 483 | 60500 | | | 018 | 49220 | | | 910 | ***** | | | 02 | 7 |
| | BLOCK 40 | | | | | | | | | | | | | | | | | | |
| 427 | BAHREIN | 516 | | | | 464 | 88380 | 01 | 9 | 023 | 66360 | 11 | 12 | 932 | 26180 | 07 | 20 | 14 | 2 |
| 648 | HABBANIYA | 005 | | | | 473 | 78360 | 33 | 25 | 024 | 62900 | 18 | 6 | 932 | 32680 | 24 | 6 | 02 | 2 |

## RADIOSONDE AND RAWINSONDE DATA—Continued

| Index No. iii | 300 mb. hhh | TTTTT ddx | dd | ff | 200 mb. hhh | TTTTT ddx | dd | ff | 100 mb. hhh | TTTTT ddx | dd | ff | Hour GG | Code Type |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 316 | 101 | 42 | | | | | | | | | | | 03 | 1 |
| 350 | 002 | 93996 | | | 878 | 98991 | | | 399 | 93995 | | | 03 | 1 |
| 361 | 101 | 59 | | | | | | | | | | | 02 | 1 |
| 381 | 069 | 89998 | | | 938 | 07990 | | | 408 | 98998 | | | 03 | 1 |
| 398 | 098 | 89001 | | | | 09998 | | | 413 | ***** | | | 06 | 1 |
| 454 | 101 | 42 | | | | | | | | | | | 03 | 1 |
| 485 | 092 | 86999 | | | 976 | 02993 | | | 450 | 00991 | | | 03 | 1 |
| 72 | | | | | | | | | | | | | | |
| 202 | 019 | 87231 | 01 | 2 | 838 | 16114 | | | 733 | 11513 | | | 03 | 1 |
| 208 | 195 | 88992 | 07 | 12 | 085 | 06991 | 03 | 25 | | | | | 03 | 1 |
| 211 | 182 | 83947 | | | 072 | 04990 | | | 453 | 20996 | | | 03 | 1 |
| 219 | 192 | 80873 | | | 096 | 03990 | | | 469 | 24998 | | | 03 | 1 |
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| 240 | 196 | 79837 | | | 101 | 02992 | | | 466 | 27998 | | | 03 | 1 |
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| 394 | 174 | 84992 | 32 | 39 | 062 | 03995 | 21 | 29 | 454 | 16998 | 18 | 9 | 03 | 1 |
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| 655 | 127 | 88993 | 29 | 44 | 001 | 07991 | 29 | 61 | 447 | 08990 | 28 | 36 | 03 | 1 |
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| 734 | 096 | 90990 | | | 965 | 02995 | | | | | | | 03 | 1 |
| 747 | 083 | 91999 | | | 944 | 06993 | | | 401 | 03994 | | | 03 | 1 |
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| 867 | 085 | 89992 | | | 968 | 01997 | | | 423 | ***** | | | 03 | 1 |
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| 109 | 176 | 81932 | | | 081 | 98994 | | | 552 | 01994 | | | 03 | 1 |
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| 458 | | | | | | | | | | | | | | |
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| 355 | 191 | 83891 | | | 081 | 06996 | | | 444 | 22998 | | | 03 | 1 |
| 367 | 101 | 43 | | | | | | | | | | | 03 | 1 |
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| 121 | 101 | 43 | | | | | | | | | | | 03 | 9 |
| 134 | 182 | 87990 | | | 061 | 07993 | | | 445 | 21998 | | | 03 | 9 |
| 142 | 101 | 50 | | | | | | | | | | | 03 | 9 |
| 144 | 101 | 50 | | | | | | | | | | | 03 | 9 |
| 215 | 173 | 79990 | | | 281 | 01994 | | | 430 | 26991 | | | 03 | 1 |
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| 415 | 930 | 91997 | | | 195 | 01994 | | | | | | | 03 | 8 |
| 02 | | | | | | | | | | | | | | |
| 057 | 890 | 97996 | | | 165 | 89992 | | | | | | | 03 | 8 |
| 077 | 101 | 43 | | | | | | | | | | | 03 | 5 |
| 084 | 929 | 91969 | | | | | | | | | | | 03 | 8 |
| 03 | | | | | | | | | | | | | | |
| 005 | 028 | 54 0 | 24 | 5 | | | | | | | | | 02 | 2 |
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| 476 | 028 | 45 0 | 22 | 26 | | | | | | | | | 02 | 2 |
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| 808 | 057 | 58 0 | 24 | 87 | | | | | | | | | 02 | 2 |
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| 04 | | | | | | | | | | | | | | |
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| 202 | 005 | 01990 | 17 | 33 | 877 | 93997 | 15 | 10 | | | | | 03 | 1 |
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| 06 | | | | | | | | | | | | | | |
| 011 | 924 | 97994 | | | 105 | 02999 | | | 636 | 00990 | | | 03 | 8 |
| 180 | 943 | 89995 | 26 | 30 | 210 | 00398 | | | | | | | 03 | 5 |
| 260 | 935 | 98 | | | 207 | 94 | | | | | | | 03 | 8 |
| 447 | 389 | 92 0 | | | 044 | 01 0 | | | 576 | 02**0 | | | 03 | 8 |
| 610 | 600 | 84887 | | | 310 | 99 4 | | | | | | | 05 | 5 |
| 07 | | | | | | | | | | | | | | |
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| 645 | 965 | 87962 | | | 232 | 02 1 | | | 676 | 08550 | | | 02 | 8 |
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| 384 | 947 | 90993 | 35 | 36 | 211 | 05998 | 25 | 42 | 655 | 03998 | 26 | 17 | 03 | 5 |
| 419 | 940 | 58760 | 20 | 27 | 960 | 33 0 | 21 | 49 | | | | | 02 | 2 |
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| 866 | 949 | 90990 | 26 | 35 | 214. | 08992 | 25 | 26 | | | | | 03 | 5 |
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| 567 | 945 | 90990 | | | 211 | 07995 | | | | | | | 05 | 5 |
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| 606 | 160 | 83510 | | | 080 | 50 0 | | | 505 | 08**0 | | | 02 | 7 |
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| 427 | 213 | 91400 | 06 | 23 | 146 | 53 0 | 10 | 35 | 572 | 03**0 | 10 | 44 | 14 | 2 |
| 648 | 207 | 84430 | 20 | 19 | 120 | 44 0 | 19 | 18 | 513 | 06**0 | 18 | 34 | 02 | 2 |

## RADIOSONDE AND RAWINSONDE DATA
### SIGNIFICANT LEVELS

| Index No. iii | 1st. 5th. etc. Level PPP | TTTTT ddx | 2nd. 6th. etc. Level PPP | TTTTT ddx | 3rd. 7th. etc. Level PPP | TTTTT ddx | 4th. 8th. etc. Level PPP | TTTTT ddx | Hour GG | Code Type |
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| 398 | 016 | 13135 | 665 | 50514 | | 55577 | 570 | 56611 | 06 | 1 |
| 454 | | | | | | | | | | |
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| 208 | 014 | 23214 | 906 | 22113 | 790 | 14071 | 656 | 08991 | 03 | 1 |
| 211 | 017 | 28232 | 890 | 20152 | 582 | 52551 | 570 | 51569 | 03 | 1 |
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| 259 | 989 | 31218 | 954 | 32162 | 525 | 53536 | 400 | 65815 | 03 | 1 |
| 265 | 925 | 29169 | 639 | 06022 | 497 | 56597 | 482 | 56617 | 03 | 1 |
| 270 | 881 | 29229 | 877 | 30131 | 538 | 53564 | 448 | 60705 | 03 | 1 |
| 278 | 970 | 35196 | 965 | 38141 | 615 | 02007 | 546 | 52593 | 03 | 1 |
| 304 | 016 | 26236 | 880 | 17103 | 814 | 14504 | 796 | 13073 | 03 | 1 |
| 317 | 983 | 24222 | 925 | 24182 | 400 | 65671 | 250 | 90932 | 03 | 1 |
| 327 | 991 | 25233 | 739 | 11087 | 675 | 08594 | 635 | 05515 | 03 | 1 |
| 340 | 003 | 23213 | 978 | 21204 | 922 | 24194 | 530 | 53558 | 03 | 1 |
| 353 | 968 | 26216 | 832 | 16154 | 400 | 65764 | 269 | 88007 | 03 | 1 |
| 365 | 840 | 24149 | 678 | 10033 | 480 | 57598 | 400 | 66683 | 03 | 1 |
| 386 | 935 | 35094 | 921 | 36061 | 582 | 51551 | 468 | 60775 | 03 | 1 |
| 394 | 008 | 15123 | 975 | 12114 | 948 | 17156 | 903 | 23513 | 03 | 1 |
| 405 | 009 | 23224 | 986 | 22804 | 978 | 23209 | 400 | 66717 | 03 | 1 |
| 445 | 985 | 20181 | 940 | 19132 | 686 | 06552 | 576 | 01714 | 03 | 1 |
| 451 | 678 | 07557 | 665 | 08622 | 510 | 53711 | 469 | 57744 | 03 | 1 |
| 476 | 854 | 26081 | 400 | 70751 | 355 | 76793 | 315 | 80924 | 03 | 1 |
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| 493 | 015 | 15188 | 980 | 12107 | 961 | 13108 | 943 | 20152 | 03 | 1 |
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| 553 | 978 | 26207 | 962 | 26152 | 810 | 14112 | 768 | 10076 | 03 | 1 |
| 562 | 918 | 22184 | 907 | 26149 | 742 | 10067 | 725 | 09036 | 03 | 1 |
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| 597 | 967 | 31096 | 656 | 05522 | 591 | 50685 | 400 | 71845 | 03 | 1 |
| 600 | 020 | 12113 | 984 | 13124 | 955 | 13103 | 911 | 14076 | 03 | 1 |
| 606 | 011 | 18179 | 989 | 20188 | 965 | 20187 | 940 | 21125 | 03 | 1 |
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| 764 | 957 | 22174 | 942 | 22112 | 636 | 51554 | 574 | 56632 | 03 | 1 |
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| 836 | 013 | 09076 | 920 | 08043 | 900 | 06028 | 872 | 05026 | 03 | 1 |
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| 355 | 004 | 84238 | 950 | 23815 | 888 | 22114 | 809 | 17028 | 03 | 1 |
| 367 | 013 | 28209 | 800 | 16087 | 754 | 12044 | 688 | 09520 | 03 | 1 |
| 395 | 011 | 25225 | 888 | 19161 | 841 | 19102 | 639 | 04643 | 03 | 1 |
| 501 | 013 | 27230 | 563 | 50609 | 427 | 65732 | 400 | 67717 | 03 | 1 |
| 525 | 015 | 26227 | 762 | 10006 | 722 | 07034 | | | 03 | 1 |
| 806 | 011 | 25236 | 666 | 06009 | 614 | | 590 | | 03 | 1 |
| 862 | 114 | 25227 | 928 | 22205 | 730 | 12064 | 694 | 09074 | 03 | 1 |
| 967 | 014 | 24228 | 784 | 13095 | 644 | 04532 | 604 | 01572 | 03 | 1 |
| 972 | 010 | 23219 | 939 | 02017 | 567 | 10045 | 635 | 03566 | 03 | 1 |
| 91 | | | | | | | | | | |
| 115 | 002 | 27252 | 847 | 71710 | 722 | 09056 | 616 | 03031 | 03 | 1 |
| 182 | 017 | 27185 | 926 | 18157 | 890 | 18112 | 790 | 13558 | 03 | 1 |
| 215 | 003 | 31236 | 962 | 25224 | 798 | 13107 | 719 | 11051 | 03 | 1 |
| 245 | 015 | 28832 | 907 | 21183 | 754 | 12085 | 618 | 04607 | 03 | 1 |
| 275 | 016 | 28225 | 897 | 18157 | 845 | 18519 | 765 | 14601 | 03 | 1 |
| 366 | 010 | 27271 | 789 | 14145 | 760 | 14134 | 688 | 08058 | 03 | 1 |
| 413 | 009 | 31251 | 434 | 60995 | 400 | 63998 | | | 03 | 1 |
| 98 | | | | | | | | | | |
| 327 | 999 | 31213 | 912 | 21179 | 817 | 14109 | 796 | 14109 | 03 | 1 |
| QLL | | OCEAN | STA | | | | | | | |
| 034 | 021 | 22174 | 832 | 12093 | 680 | 03504 | 566 | 55604 | 03 | 9 |
| 035 | 023 | 25202 | 960 | 18157 | 873 | 08524 | 752 | 08024 | 03 | 9 |
| 037 | 019 | 25239 | 918 | 18151 | 910 | 19169 | 649 | 05514 | 03 | 9 |
| 041 | 006 | 18171 | 006 | 18171 | 130 | 13126 | 915 | 13126 | 02 | 8 |
| 044 | 016 | 14140 | 900 | 12106 | 860 | 09075 | 830 | 11600 | 03 | 9 |
| 053 | 022 | 10100 | 013 | 09074 | 916 | 07061 | 902 | 10082 | 03 | 1 |
| 055 | 018 | 07075 | 991 | 10096 | 925 | 10091 | 594 | 60628 | 03 | 1 |
| 063 | 022 | 07062 | 965 | 04835 | 865 | 09006 | 673 | 53570 | 03 | 9 |
| 121 | 014 | 18163 | 010 | 17134 | 966 | 25028 | 916 | 22099 | 03 | 9 |
| 134 | 030 | 20148 | 890 | 09086 | 886 | 06037 | 776 | 08638 | 03 | 9 |
| 142 | 023 | 14148 | 976 | 12127 | 965 | 09064 | 942 | 17125 | 03 | 9 |
| 144 | 016 | 13106 | 838 | 03026 | 600 | 60639 | 494 | 66818 | 03 | 9 |
| 215 | 011 | 29246 | 819 | 16052 | 771 | 15009 | 742 | 13063 | 03 | 1 |
| 223 | 015 | 26 | 635 | 06 | 420 | 58*** | 254 | 79*** | 02 | 1 |
| 235 | 020 | 22 | 981 | 17 | 964 | 17*** | 779 | 11*** | 03 | 1 |
| 237 | 028 | 26186 | 940 | 16149 | 880 | 16087 | 864 | 18002 | 03 | 1 |
| 246 | 015 | 10085 | 870 | 09996 | 790 | 08998 | 400 | 71996 | 03 | 9 |
| 360 | 016 | 09041 | 831 | 54551 | 815 | 54551 | 717 | 62629 | 03 | 5 |
| 01 | | | | | | | | | | |
| 001 | 017 | 03011 | 966 | 50505 | 945 | 06043 | 892 | 06017 | 03 | 8 |
| 030 | 008 | 04047 | 917 | 51515 | 791 | 58580 | 729 | 59607 | 03 | 8 |
| 384 | 992 | 09071 | 947 | 07016 | 880 | 02521 | 823 | 50525 | 03 | 5 |
| 415 | 013 | 09081 | 954 | 08052 | 908 | 07044 | 843 | 03506 | 03 | 8 |
| 02 | | | | | | | | | | |
| 057 | 008 | 06028 | 894 | 00557 | 789 | 53589 | 730 | 59646 | 03 | 8 |
| 077 | 011 | 10086 | 988 | 12093 | 805 | 52593 | 658 | 58649 | 03 | 5 |
| 084 | 010 | 10095 | 973 | 12104 | 942 | 09056 | 914 | 10016 | 03 | 8 |
| 03 | | | | | | | | | | |
| 005 | 010 | 47450 | | | | | | | 02 | 2 |
| 026 | 018 | 55440 | | | | | | | 08 | 2 |
| 476 | 006 | 57550 | | | | | | | 02 | 2 |
| 743 | 996 | 57550 | 984 | 59570 | 927 | 56530 | 830 | 44400 | 02 | 2 |
| 808 | 002 | 60590 | | | | | | | 02 | 2 |
| 917 | 004 | 53510 | | | | | | | 02 | 2 |
| 953 | 007 | 62 0 | 652 | 25 0 | 619 | 25**0 | 275 | 47**0 | 03 | 2 |
| 04 | | | | | | | | | | |
| 018 | 015 | 07061 | | 02000 | 875 | 07010 | 633 | 56611 | 03 | 1 |
| 202 | 016 | 04022 | 002 | 03014 | 979 | 08040 | 867 | 02511 | 03 | 1 |
| 231 | 016 | 12023 | 972 | 12157 | 865 | 07025 | 854 | 07024 | 09 | 1 |
| 06 | | | | | | | | | | |
| 011 | 022 | 08103 | 899 | 51542 | 879 | | 788 | 00603 | 03 | 8 |
| 180 | 012 | 12116 | 948 | 12074 | 925 | 13059 | 204 | 06992 | 03 | 5 |
| 260 | 010 | 18155 | 930 | 20181 | 810 | 11052 | 745 | 05015 | 03 | 8 |
| 447 | 000 | 16126 | 980 | 16096 | 970 | 18105 | 655 | 52588 | 03 | 8 |
| 610 | 958 | 18154 | 937 | 20152 | 850 | 15113 | 747 | 09073 | 05 | 5 |
| 07 | | | | | | | | | | |
| 110 | 100 | 16166 | 995 | 16154 | 938 | 12116 | 910 | 11114 | 02 | 5 |
| 145 | 996 | 14124 | 985 | 18164 | 928 | 15126 | 870 | 14124 | 02 | 8 |
| 190 | 994 | 25144 | 964 | 25154 | 947 | 24132 | 916 | 24132 | 03 | 8 |
| 480 | 991 | 21183 | 915 | 23132 | 850 | 15086 | 755 | 09067 | 02 | 8 |
| 510 | 014 | 13122 | 975 | 17133 | 850 | 11063 | 740 | 04018 | 02 | 5 |
| 645 | 098 | 21192 | 975 | 21195 | 915 | 19177 | 860 | 15123 | 02 | 8 |
| 08 | | | | | | | | | | |
| 509 | 009 | 17144 | 815 | 05021 | 795 | 09547 | 670 | 00998 | 03 | 1 |
| 521 | 016 | 24176 | 935 | 16136 | 920 | 16149 | 910 | 1910* | 14 | 8 |
| 536 | 010 | 25164 | 884 | 12105 | 750 | 08607 | 400 | 72994 | 14 | 8 |
| 10 | | | | | | | | | | |
| 338 | 003 | 65590 | 979 | 74650 | 535 | 15000 | 228 | 31**0 | 02 | 2 |
| 384 | 004 | 20133 | 959 | 22089 | 835 | 13081 | 815 | 14631 | 03 | 5 |
| 419 | 980 | 67610 | | | | | | | 02 | 2 |
| 633 | 994 | 21141 | 946 | 20132 | 906 | 21145 | 505 | 63774 | 03 | 5 |
| 866 | 952 | 15112 | 918 | 20117 | 875 | 20078 | 700 | 06023 | 03 | 5 |
| 11 | | | | | | | | | | |
| 030 | 990 | 13105 | 912 | 18 2 | 931 | 20106 | 889 | 18075 | 03 | 5 |
| 567 | 979 | 18169 | 968 | 17159 | 890 | 19158 | 771 | 11043 | 05 | 5 |
| 16 | | | | | | | | | | |
| 596 | 002 | 71630 | | | | | | | 02 | 2 |
| 17 | | | | | | | | | | |
| 606 | | 63610 | 965 | 68660 | 899 | 61590 | 743 | 50390 | 02 | 7 |
| 40 | | | | | | | | | | |
| 427 | 994 | 93730 | 987 | 92690 | 970 | 96640 | 937 | 95410 | 14 | 2 |
| 648 | 997 | 75420 | 973 | 76400 | 933 | 83370 | 864 | 77360 | 02 | 2 |

## RADIOSONDE AND RAWINSONDE DATA
### SIGNIFICANT LEVELS

| Index No. iii | 1st. 5th. etc. Level PPP | TTTTT ddx | 2nd. 6th. etc. Level PPP | TTTTT ddx | 3rd. 7th. etc. Level PPP | TTTTT ddx | 4th. 8th. etc. Level PPP | TTTTT ddx | Hour GG | Code Type |
|---|---|---|---|---|---|---|---|---|---|---|
| 316 | | | | | | | | | | |
| 350 | 400 | 79878 | 380 | 82998 | 325 | 90991 | 245 | 03990 | 03 | 1 |
| 361 | 616 | 61631 | 534 | 71758 | 101 | 67*** | 073 | 69*** | 03 | 1 |
| 381 | 535 | 61727 | 448 | 70777 | 400 | 75877 | 334 | 84954 | 03 | 1 |
| 398 | 489 | 63738 | 400 | 75846 | 297 | 89989 | 185 | 10994 | 06 | 1 |
| 454 | | | | | | | | | | |
| 485 | 645 | 52725 | 575 | 57743 | 400 | 71767 | 326 | 82937 | 03 | 1 |
| 72 | | | | | | | | | | |
| 202 | | | | | | | | | | |
| 208 | 628 | 06651 | 588 | 51615 | 528 | 52708 | 400 | 67990 | 03 | 1 |
| 211 | 557 | 51699 | 400 | 67739 | 368 | 72775 | 342 | 76881 | 03 | 1 |
| 219 | 256 | 88974 | 153 | 15997 | 097 | 25992 | | | 03 | 1 |
| 231 | 120 | 22993 | | | | | | | 03 | 1 |
| 240 | 123 | 25998 | 096 | 28996 | 088 | 24995 | | | 03 | 1 |
| 250 | | | | | | | | | | |
| 253 | 475 | 56723 | 400 | 64996 | 336 | 73853 | 245 | 89987 | 03 | 1 |
| 259 | 300 | 78999 | 101 | 55 | | | | | 03 | 1 |
| 265 | 444 | 60762 | 400 | 64808 | 251 | 88998 | 113 | 27995 | 03 | 1 |
| 270 | 437 | 62682 | 400 | 65772 | 379 | 68804 | 322 | 76884 | 03 | 1 |
| 278 | 530 | 51701 | 474 | 57754 | 48 | 61701 | 400 | 66812 | 03 | 1 |
| 304 | 759 | 12575 | 746 | 11025 | 666 | 06503 | 638 | 04597 | 03 | 1 |
| 317 | 148 | 16995 | 110 | 23993 | 085 | 18993 | | | 03 | 1 |
| 327 | 611 | 04566 | 420 | 62795 | 400 | 64999 | 136 | 21993 | 03 | 1 |
| 340 | 516 | 54581 | 506 | 53591 | 440 | 60646 | 400 | 66725 | 03 | 1 |
| 353 | 126 | 21996 | | | | | | | 03 | 1 |
| 365 | 257 | 90941 | 139 | 19992 | 113 | 22998 | 082 | 19992 | 03 | 1 |
| 386 | 400 | 68998 | 350 | 74993 | 157 | 16991 | 115 | 21991 | 03 | 1 |
| 394 | 876 | 23532 | 686 | 08547 | 628 | 02576 | 607 | 03664 | 03 | 1 |
| 405 | 374 | 69749 | 350 | 72825 | 257 | 89989 | 157 | 14997 | 03 | 1 |
| 445 | 400 | 66998 | 258 | 90990 | 130 | 20990 | 122 | 18999 | 03 | 1 |
| 451 | 400 | 65777 | 355 | 71854 | | | | | 03 | 1 |
| 476 | 260 | 90990 | 225 | 98999 | | | | | 03 | 1 |
| 486 | 278 | 89948 | 132 | 17996 | 105 | 18993 | | | 03 | 1 |
| 493 | 908 | 22543 | 868 | 23994 | 798 | 19569 | 768 | 16036 | 03 | 1 |
| 506 | 675 | 04027 | 662 | 06518 | 683 | 02582 | 400 | 67693 | 03 | 1 |
| 518 | 554 | 57593 | 536 | 55699 | 491 | 62794 | 479 | 60648 | 04 | 1 |
| 520 | | | | | | | | | | |
| 528 | 752 | 09059 | 685 | 05645 | 594 | 55692 | 573 | 58653 | 04 | 1 |
| 534 | 782 | 12588 | 673 | 05633 | 588 | 52606 | 545 | 53692 | 03 | 1 |
| 536 | 692 | 06642 | 639 | 01657 | 618 | 00546 | 400 | 69998 | 03 | 1 |
| 553 | 750 | 12053 | 675 | 06501 | 634 | 04623 | 597 | 01593 | 03 | 1 |
| 562 | 670 | 07624 | 400 | 69815 | 313 | 83874 | 275 | 89007 | 03 | 1 |
| 576 | 400 | 71754 | 350 | 78826 | 310 | 85941 | 208 | 02992 | 03 | 1 |
| 597 | 288 | 89997 | 180 | 11992 | 117 | 10999 | | | 03 | 1 |
| 600 | 889 | 14064 | 649 | 03572 | 545 | 57666 | 400 | 74763 | 03 | 1 |
| 606 | 775 | 09065 | 728 | 07025 | 672 | 05635 | 605 | 50657 | 03 | 1 |
| 655 | 738 | 07687 | 670 | 03701 | 605 | 52601 | 554 | 56644 | 03 | 1 |
| 662 | | | | | | | | | | |
| 681 | 515 | 56748 | 400 | 71998 | 181 | 09994 | 158 | 07992 | 03 | 1 |
| 712 | 784 | 09636 | 671 | 02682 | 652 | 00593 | 629 | 51664 | 03 | 1 |
| 734 | 736 | 03004 | 671 | 00686 | 568 | 57743 | 530 | 60991 | 03 | 1 |
| 747 | 730 | 01633 | 624 | 52718 | 400 | 76998 | 310 | 90990 | 03 | 1 |
| 764 | 400 | 74770 | 190 | 11993 | 180 | 08994 | | | 03 | 1 |
| 768 | 569 | 57664 | 552 | 58748 | 400 | 74994 | 372 | 79914 | 03 | 1 |
| 775 | 400 | 73998 | 318 | 87995 | 175 | 09997 | 142 | 10993 | 03 | 1 |
| 785 | 289 | 89007 | 142 | 09995 | 130 | 07997 | | | 03 | 1 |
| 798 | 818 | 12016 | 792 | 11581 | 498 | 59778 | 400 | 72998 | 03 | 1 |
| 807 | 790 | 05552 | 750 | 04616 | 556 | 59996 | 520 | 63996 | 03 | 1 |
| 815 | 464 | 64752 | 400 | 71764 | 278 | 90932 | 216 | 02996 | 03 | 1 |
| 816 | 513 | 66763 | 366 | 71997 | 440 | 81993 | 350 | 90990 | 03 | 1 |
| 826 | 758 | 40411 | 686 | 56598 | 673 | 55616 | 628 | 58655 | 03 | 1 |
| 836 | 675 | 57592 | 661 | 56618 | 631 | 58687 | 400 | 78894 | 03 | 1 |
| 867 | | | 520 | 61769 | 462 | 68813 | 457 | 68822 | 03 | 1 |
| 879 | 614 | 54586 | 543 | 59746 | 490 | 64749 | 400 | 76903 | 03 | 1 |
| 896 | 550 | 59614 | 520 | 62674 | 515 | 62680 | 463 | 67801 | 03 | 1 |
| 906 | 650 | 57598 | 546 | 68710 | 400 | 65883 | 373 | 90930 | 03 | 1 |
| 907 | 413 | 90981 | 400 | 90994 | 347 | 95990 | 350 | 89990 | 03 | 1 |
| 909 | 708 | 57687 | 590 | 67737 | 540 | 71838 | 465 | 87698 | 03 | 1 |
| 913 | 711 | 56587 | 628 | 60627 | 555 | 67686 | 539 | 67686 | 03 | 1 |
| 915 | 425 | 82872 | 400 | 84917 | 362 | 89971 | 321 | 95990 | 03 | 1 |
| 917 | 710 | 55642 | | | 400 | 82923 | 348 | 88997 | 03 | 1 |
| 918 | 663 | 59709 | 574 | 66791 | 400 | 83991 | 263 | 00995 | 03 | 1 |
| 924 | 757 | 51549 | 594 | 59757 | 400 | 80916 | 346 | 89979 | 03 | 1 |
| 926 | | | | | | | | | | |
| 934 | 465 | 72843 | 400 | 80864 | 227 | 10999 | 175 | 07995 | 03 | 1 |
| 938 | 920 | 12544 | 680 | 51631 | 400 | 76904 | 232 | 06993 | 02 | 1 |
| 945 | | | | | 258 | 95997 | 221 | 04991 | 03 | 1 |
| 964 | 586 | 57592 | 555 | 57614 | 423 | 73731 | 400 | 74851 | 03 | 1 |
| 968 | 699 | 02634 | 688 | 02644 | 596 | 55685 | 584 | 55673 | 03 | 1 |
| 74 | | | | | | | | | | |
| 043 | 230 | 06995 | 060 | 86997 | | | | | 03 | 1 |
| 072 | 520 | 71753 | 400 | 84881 | 345 | 90990 | 243 | 03992 | 03 | 1 |
| 074 | 883 | 01516 | 810 | 51571 | 744 | 55624 | 697 | 56722 | 03 | 1 |
| 090 | 650 | 60784 | 555 | 67774 | 515 | 72853 | 465 | 77865 | 03 | 1 |
| 109 | 661 | 04547 | 595 | 51 1 | 536 | 53666 | 447 | 61773 | 03 | 1 |
| 76 | | | | | | | | | | |
| 458 | | | | | | | | | | |
| 491 | 584 | 58562 | 101 | 42 | | | | | 02 | 7 |
| 679 | 366 | 72851 | 294 | 84891 | 268 | 89961 | 175 | 12998 | 03 | 1 |
| 78 | | | | | | | | | | |
| 016 | | | | | | | | | | |
| 325 | | | | | | | | | | |
| 355 | 760 | 13026 | 627 | 03608 | 600 | 01524 | 431 | 63733 | 03 | 1 |
| 367 | 641 | 05551 | 590 | 03999 | 518 | 53996 | 468 | 58689 | 03 | 1 |
| 395 | 604 | 02581 | 442 | 62825 | 400 | 67990 | 285 | 84999 | 03 | 1 |
| 501 | 265 | 90963 | 135 | 26998 | 096 | 22993 | | | 03 | 1 |
| 525 | | | | | | | | | | |
| 806 | | | 136 | 28995 | 113 | 32997 | 101 | 58*** | 03 | 1 |
| 862 | 650 | 10603 | 590 | 05627 | 562 | 03661 | 464 | 56647 | 03 | 1 |
| 967 | 400 | 67994 | | | | | | | 03 | 1 |
| 972 | 566 | 51580 | 463 | 60780 | 400 | 68998 | 260 | 90990 | 03 | 1 |
| 91 | | | | | | | | | | |
| 115 | 570 | 00121 | 462 | 60710 | 400 | 56998 | 264 | 90800 | 03 | 1 |
| 182 | 679 | 09690 | 655 | 09612 | 400 | 65993 | 328 | 76881 | 03 | 1 |
| 215 | 445 | 61757 | 400 | 66797 | 260 | 90978 | 145 | 17997 | 03 | 1 |
| 245 | 552 | 53601 | 488 | 66749 | 400 | 68806 | 268 | 90990 | 03 | 1 |
| 275 | 537 | 10990 | 522 | 09005 | 400 | 62991 | 249 | 88992 | 03 | 1 |
| 366 | 625 | 04021 | | | | | | | 03 | 1 |
| 413 | | | | | | | | | | |
| 98 | | | | | | | | | | |
| 327 | 675 | 07508 | 063 | 02565 | 565 | 50539 | 581 | 94592 | 03 | 1 |
| QLL | | OCEAN | STA | | | | | | | |
| 034 | 466 | 64752 | 438 | 67754 | 420 | 69809 | 330 | 76865 | 03 | 9 |
| 035 | 632 | 00571 | 619 | 51676 | 600 | 52739 | 400 | 71878 | 03 | 9 |
| 037 | 614 | 02608 | 400 | 66819 | 264 | 90981 | 145 | 20996 | 03 | 9 |
| 041 | 735 | 01010 | 705 | 00000 | 675 | 50505 | 592 | 60600 | 02 | 8 |
| 044 | 773 | 07639 | 408 | 78992 | 335 | 88992 | 295 | 95993 | 03 | 9 |
| 053 | 731 | 04521 | 642 | 57570 | 626 | 53578 | 552 | 60725 | 03 | 1 |
| 055 | 484 | 69846 | 400 | 79994 | 334 | 90990 | 221 | 08997 | 03 | 1 |
| 063 | 654 | 52707 | 632 | 54612 | 595 | 57606 | 400 | 77858 | 03 | 9 |
| 121 | 896 | 22022 | 868 | 20108 | 490 | 56701 | 400 | 66996 | 03 | 9 |
| 134 | 870 | 16612 | 760 | 16621 | 606 | 04996 | 400 | 68997 | 03 | 9 |
| 142 | 928 | 17075 | 795 | 14542 | 764 | 12010 | 677 | 06648 | 03 | 9 |
| 144 | 427 | 74996 | 101 | 58 | | | | | 03 | 9 |
| 215 | 671 | 08590 | 634 | 05574 | 599 | 02552 | 545 | 52608 | 03 | 1 |
| 223 | 091 | 10 | | | | | | | 02 | 1 |
| 235 | 770 | 06 | 573 | 51 | 387 | 65*** | 225 | 90*** | 03 | 1 |
| 237 | 818 | 18993 | 762 | 13021 | 742 | 13002 | 612 | 01617 | 03 | 1 |
| 246 | 190 | 06990 | 142 | 02995 | | | | | 03 | 9 |
| 360 | 694 | 61622 | 670 | 61647 | 400 | 86900 | 320 | 96993 | 03 | 5 |
| 01 | | | | | | | | | | |
| 001 | 800 | 00577 | 765 | 01591 | 750 | 00600 | 780 | 50614 | 03 | 8 |
| 030 | 470 | 82835 | 400 | 94 0 | 327 | 06**6 | 248 | 93**9 | 03 | 8 |
| 384 | 780 | 52541 | 656 | 60600 | 441 | 81860 | 400 | 82824 | 03 | 5 |
| 415 | 817 | 04514 | 453 | 72801 | 400 | 76840 | 227 | 06990 | 03 | 8 |
| 02 | | | | | | | | | | |
| 057 | 683 | 61661 | 320 | 00996 | 257 | 90993 | | | 03 | 8 |
| 077 | 447 | 77869 | | | | | | | 03 | 5 |
| 084 | 728 | 01554 | 722 | 00602 | 704 | 00602 | 565 | 07295 | 03 | 8 |
| 03 | | | | | | | | | | |
| 005 | | | | | | | | | | |
| 026 | | | | | | | | | | |
| 476 | | | | | | | | | | |
| 743 | 819 | 44390 | 688 | 29230 | 680 | 29220 | 335 | 60470 | 02 | 2 |
| 808 | | | | | | | | | | |
| 917 | | | | | | | | | | |
| 953 | 265 | 46 0 | 252 | 46 0 | 235 | 42**0 | 220 | 46**0 | 03 | 2 |
| 04 | | | | | | | | | | |
| 018 | 627 | 55726 | 567 | 57995 | 400 | 77991 | 321 | 90990 | 03 | 1 |
| 202 | 853 | 03001 | 764 | 52528 | 684 | 57595 | 680 | 61633 | 03 | 1 |
| 231 | 758 | 01001 | 750 | 01003 | 634 | 56565 | 101 | 58*** | 09 | 1 |
| 06 | | | | | | | | | | |
| 011 | 756 | 00618 | | | 253 | 05996 | 230 | 06998 | 03 | 8 |
| 180 | 178 | 98999 | 164 | 01994 | 160 | 98999 | 137 | 98999 | 03 | 5 |
| 260 | 698 | 00524 | 616 | 55570 | 552 | 63661 | 522 | 63674 | 03 | 8 |
| 447 | 576 | 55670 | 255 | 00 5 | 235 | 02**0 | 160 | 98**5 | 03 | 8 |
| 610 | 672 | 50521 | 549 | 54583 | 518 | 54607 | 477 | 60665 | 05 | 5 |
| 07 | | | | | | | | | | |
| 110 | 877 | 11082 | 805 | 07030 | 764 | 04515 | 740 | 02515 | 02 | 5 |
| 145 | 825 | 12127 | 795 | 11089 | 720 | 02027 | 685 | 02502 | 02 | 8 |
| 190 | 881 | 22120 | 804 | 12028 | 770 | 10005 | 614 | 51627 | 03 | 8 |
| 480 | 739 | 09055 | 700 | 05016 | 603 | 53574 | 560 | 54647 | 02 | 8 |
| 510 | 710 | 04017 | 510 | 54593 | 500 | 62688 | 650 | 65712 | 02 | 5 |
| 645 | 755 | 11094 | 690 | 06023 | 655 | 04505 | 630 | 02538 | 02 | 8 |
| 08 | | | | | | | | | | |
| 509 | 658 | 01997 | 101 | 55 | | | | | 03 | 1 |
| 521 | 786 | 1253 | 760 | 12594 | 400 | 68832 | 142 | 15998 | 14 | 8 |
| 536 | 274 | 94990 | 242 | 95995 | 122 | 15994 | 054 | 11995 | 14 | 8 |
| 10 | | | | | | | | | | |
| 338 | 196 | 40 0 | | | | | | | 02 | 2 |
| 384 | 726 | 07666 | 400 | 75812 | 303 | 89944 | 225 | 05990 | 03 | 5 |
| 419 | | | | | | | | | | |
| 633 | 400 | 73990 | 309 | 90990 | 234 | 04996 | 216 | 05994 | 03 | 5 |
| 866 | 650 | 01568 | 587 | 52594 | 550 | 57711 | 500 | 62759 | 03 | 5 |
| 11 | | | | | | | | | | |
| 030 | 829 | 14017 | 802 | 12035 | 748 | 11604 | 588 | 51680 | 03 | 5 |
| 567 | 715 | 09004 | 554 | 55638 | 235 | 01992 | 210 | 04993 | 05 | 5 |
| 16 | | | | | | | | | | |
| 596 | | | | | | | | | | |
| 17 | | | | | | | | | | |
| 606 | 723 | 51260 | 520 | 24900 | 385 | 96640 | 372 | 96620 | 02 | 7 |
| 40 | | | | | | | | | | |
| 427 | 895 | 90390 | 882 | 91390 | 810 | 84420 | 463 | 16030 | 14 | 2 |
| 648 | 816 | 81170 | 672 | 58870 | 493 | 31680 | 408 | 18540 | 02 | 2 |

# RADIOSONDE AND RAWINSONDE DATA

## JULY 14

| Index No. iii | Station Name | 1000 mb. hhh | TTTTdd x | dd | ff | 850 mb. hhh | TTTTdd x | dd | ff | 700 mb. hhh | TTTTdd x | dd | ff | 500 mb. hhh | TTTTdd x | dd | ff | Hour GG | Code Type |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | BLOCK 42 | | | | | | | | | | | | | | | | | | |
| 182 | NEW DELHI | 504 | | | | 140 | 21210 | | | 307 | 15130 | | | 586 | 50*** | | | 15 | 8 |
| 339 | JODHPUR | 504 | | | | 141 | | | | 309 | 12*** | | | 584 | 53660 | | | 15 | 8 |
| 475 | BAMRAULI AL | 503 | | | | 142 | 24180 | | | 310 | 12100 | | | 585 | 53590 | | | 15 | 8 |
| 807 | CALCUTTA | 000 | | | | 143 | 19160 | | | 308 | 11080 | | | 582 | 53590 | | | 15 | 8 |
| 867 | NAGPUR | 502 | | | | 141 | 21160 | | | 307 | 10020 | | | 582 | 52510 | | | 15 | 8 |
| 909 | VERAVAL | 503 | | | | 139 | 20200 | | | 305 | ***** | | | 582 | 50*** | | | 07 | 8 |
| | BLOCK 43 | | | | | | | | | | | | | | | | | | |
| 063 | POONA | 000 | | | | 142 | 20170 | | | 308 | 12100 | | | 585 | 50*** | | | 14 | 8 |
| 149 | VIZAGAPATAM | 501 | | | | 142 | 18170 | | | 306 | 10100 | | | *** | ***** | | | 14 | 8 |
| 279 | MADRAS | 002 | 29210 | | | 146 | 22170 | | | 313 | 11090 | | | 588 | 52550 | | | 14 | 8 |
| 371 | TRIVANDRUM | 006 | 26240 | | | 148 | 18160 | | | 312 | 07050 | | | 584 | 58*** | | | 15 | 8 |
| | BLOCK 45 | | | | | | | | | | | | | | | | | | |
| 007 | KAI TAK | 008 | 24230 | | | 150 | 18160 | | | 314 | 09060 | | | 586 | 53**0 | | | 22 | 8 |
| | BLOCK 47 | | | | | | | | | | | | | | | | | | |
| 412 | SAPPORO DCMO | 037 | 23171 | | | 492 | 16101 | | | 024 | 08011 | | | 908 | 60708 | | | 03 | 1 |
| 580 | MISAWA | 038 | 22183 | 11 | 5 | 341 | | 36 | 3 | *** | ***** | | | *** | ***** | | | 03 | 1 |
| 590 | SENDAI DCMO | 038 | 19197 | | | 492 | 16103 | | | 026 | 09028 | | | 924 | 50578 | | | 03 | 1 |
| 635 | NAGOYA | 041 | 30217 | 00 | | 507 | 17129 | 25 | 13 | 044 | 08507 | 25 | 24 | 936 | 58717 | 26 | 36 | 03 | 1 |
| 671 | TOKYO | 039 | 27216 | 17 | 13 | 507 | 22102 | 15 | 3 | 049 | 11514 | 26 | 22 | *** | ***** | | | 03 | 1 |
| 778 | SHIONOMISAKI | 045 | 26247 | | | 516 | 18136 | | | 042 | 09039 | | | 934 | 55672 | | | 03 | 1 |
| 808 | ITAZUKE | 034 | 28202 | 16 | 15 | 501 | 17116 | 22 | 30 | 038 | 10516 | 22 | 40 | 931 | 54712 | 22 | 30 | 03 | 1 |
| 827 | KAGOSHIMA | 040 | 27203 | 15 | 4 | 492 | 18093 | 17 | 8 | 020 | 06546 | 19 | 16 | 885 | 60722 | 19 | 23 | 03 | 1 |
| 931 | KADENA OKINW | 101 | 58 | | | | | | | *** | ***** | | | *** | ***** | | | 05 | 1 |
| | BLOCK 60 | | | | | | | | | | | | | | | | | | |
| 390 | M BLANCHE | 131 | 20145 | 00 | | 560 | 25032 | 19 | 16 | 231 | 12596 | 24 | 16 | 923 | 64788 | 30 | 32 | 02 | 5 |
| 570 | COLOMB | 095 | | | | 560 | 29619 | | | 243 | 17682 | | | 977 | 55805 | | | 02 | 5 |
| | BLOCK 61 | | | | | | | | | | | | | | | | | | |
| 642 | DAKAR OUAKAM | 109 | 25231 | 27 | 5 | 840 | 18135 | 25 | 8 | 161 | 08004 | 05 | 11 | 846 | 56997 | 04 | 25 | 07 | 5 |
| | BLOCK 62 | | | | | | | | | | | | | | | | | | |
| 366 | FAROUK | 104 | 20175 | 34 | 8 | 483 | 13033 | 32 | 11 | 102 | 09554 | 28 | 16 | 813 | 57**4 | 26 | 29 | 03 | 5 |
| | BLOCK 70 | | | | | | | | | | | | | | | | | | |
| 026 | BARROW | 032 | 04015 | 25 | 10 | 467 | 05015 | 25 | 21 | 982 | 52611 | 22 | 17 | 837 | 67713 | 23 | 19 | 03 | 1 |
| 133 | KOTZEBUE | 037 | 12062 | 34 | 18 | 480 | 05504 | 24 | 23 | 994 | 50605 | 24 | 23 | 853 | 65996 | 23 | 25 | 03 | 1 |
| 200 | NOME | 032 | 15068 | 12 | 9 | 482 | 09022 | 18 | 16 | 000 | 51547 | 20 | 24 | 856 | 66766 | 21 | 31 | 03 | 1 |
| 204 | GAMBELL | 020 | 09068 | | | 463 | 06023 | | | 978 | 52536 | | | 831 | 64699 | | | 04 | 1 |
| 219 | BETHEL | 039 | 16071 | 21 | 22 | 486 | 08011 | 16 | 27 | 005 | 01564 | 16 | 23 | 868 | 65805 | 16 | 33 | 03 | 1 |
| 231 | MCGRATH | 042 | 18122 | 22 | 9 | 492 | 10041 | 11 | 2 | 012 | 50558 | 01 | 9 | 868 | 67778 | 36 | 19 | 03 | 1 |
| 261 | FRBNKS WEEKS | 029 | | | | 479 | 08064 | 29 | 17 | 997 | 51536 | 35 | 23 | 847 | 69722 | 36 | 25 | 03 | 1 |
| 273 | ANCH MERRILL | 052 | 13051 | 27 | 8 | 493 | 04502 | 20 | 4 | 004 | 52567 | 01 | 9 | 853 | 69731 | 02 | 26 | 03 | 1 |
| 291 | NORTHWAY | 039 | | | | 484 | 06012 | 29 | 7 | 998 | 53562 | 33 | 6 | 845 | 69758 | 04 | 9 | 03 | 1 |
| 350 | KODIAK | 053 | 10080 | | | 489 | 03 5 | | | 997 | 54144 | | | 845 | 69783 | | | 03 | 1 |
| 361 | YAKUTAT | 046 | 11107 | 16 | 6 | 689 | 03013 | 11 | 9 | 998 | 55563 | 17 | 7 | 841 | 71756 | 14 | 20 | 03 | 1 |
| 381 | JUNEAU | 005 | | | | 491 | 04022 | | | 001 | 53555 | | | 850 | 69734 | | | 03 | 1 |
| 398 | ANNETTE IS | 055 | 12104 | 19 | 8 | 495 | 03010 | | | 005 | **602 | 20 | 21 | *** | ***** | | | 03 | 1 |
| 439 | AMCHITKA | 101 | 42 | | | | | | | *** | ***** | | | *** | ***** | | | 03 | 1 |
| 454 | LONGVIEW | 001 | 09094 | 23 | 23 | 438 | 01010 | 22 | 39 | 946 | 54555 | 22 | 46 | 803 | 66990 | 22 | 50 | 03 | 1 |
| 485 | FORT GLENN | 020 | 07078 | 17 | 19 | 459 | 06559 | 17 | 27 | 977 | 02992 | | | *** | ***** | | | 05 | 1 |
| | BLOCK 72 | | | | | | | | | | | | | | | | | | |
| 202 | MIAMI | 050 | 26215 | 14 | 4 | 515 | 17096 | 05 | 8 | 050 | 07507 | 02 | 8 | 932 | 57636 | 02 | 7 | 03 | 1 |
| 208 | CHARLESTON | 036 | 99999 | 23 | 10 | 501 | 18142 | 26 | 21 | 039 | 09052 | 26 | 17 | 932 | 55676 | 23 | 10 | 03 | 1 |
| 211 | TAMPA | 050 | 27222 | 27 | 5 | 514 | 17094 | 25 | 13 | 048 | 08582 | 24 | 16 | 933 | 57634 | 11 | 5 | 03 | 1 |
| 219 | ATLANTA | 037 | | | | 501 | 18154 | 27 | 15 | 041 | 09058 | 28 | 10 | 934 | 55586 | 28 | 15 | 03 | 1 |
| 231 | NEW ORLEANS | 038 | 24223 | 18 | 4 | 501 | 17154 | 19 | 10 | 040 | 09067 | 21 | 19 | 934 | 55571 | 22 | 9 | 03 | 1 |
| 240 | LAKE CHARLES | 034 | 25245 | 15 | 10 | 501 | 20145 | 07 | 4 | 043 | 11063 | 36 | 8 | 939 | 54574 | 32 | 4 | 03 | 1 |
| 250 | BROWNSVILLE | 031 | 27243 | 14 | 9 | 499 | 19142 | 12 | 8 | 039 | 10002 | 08 | 9 | 930 | 55616 | 06 | 13 | 03 | 1 |
| 253 | SAN ANTONIO | 027 | | | | 501 | 22151 | 14 | 8 | 046 | 11057 | 02 | 7 | 941 | 54621 | 06 | 9 | 03 | 1 |
| 259 | FT WORTH | 032 | | | | 503 | 21201 | 08 | 2 | 044 | 10051 | 29 | 9 | 939 | 54648 | 21 | 3 | 03 | 1 |
| 265 | BIG SPRING | 034 | | | | 504 | 23132 | | | 047 | 10069 | | | 943 | 55573 | | | 04 | 1 |
| 270 | EL PASO | 015 | | | | 493 | 25137 | 17 | 6 | 042 | 13061 | 33 | 9 | 938 | 55593 | | | 03 | 1 |
| 278 | PHOENIX | 010 | | | | 497 | 30101 | 26 | 11 | 052 | 14057 | 34 | 14 | 950 | 55682 | 02 | 9 | 03 | 1 |
| 304 | HATTERAS | 035 | 26241 | | | 500 | 18121 | | | 038 | 09031 | 26 | 16 | 929 | 56673 | 25 | 18 | 03 | 1 |
| 317 | GREENSBORO | 032 | | | | 495 | 17157 | 28 | 2 | 034 | 08046 | 29 | 14 | 924 | 55618 | 28 | 22 | 03 | 1 |
| 327 | NASHVILLE | 030 | | | | 494 | 17146 | 23 | 11 | 032 | 09049 | 23 | 11 | 925 | 54648 | 29 | 16 | 03 | 1 |
| 340 | LITTLE ROCK | 032 | 25239 | 22 | 4 | 497 | 18151 | 34 | 3 | 034 | 10594 | 30 | 12 | 930 | 52999 | 31 | 16 | 03 | 1 |
| 353 | OKLAHOMA CTY | 034 | | | | 499 | 20085 | 03 | 7 | 041 | 11619 | 01 | 9 | 935 | 55612 | 31 | 15 | 03 | 1 |
| 365 | ALBUQUERQUE | 010 | | | | 492 | | | | 042 | 13074 | 01 | 8 | 936 | 56591 | 34 | 11 | 03 | 1 |
| 386 | LAS VEGAS | 008 | | | | 494 | 31052 | 25 | 7 | 049 | 14017 | 29 | 11 | 943 | 55687 | 27 | 6 | 03 | 1 |
| 394 | SANTA MARIA | 046 | 14103 | 33 | 8 | 505 | 21543 | 29 | 10 | 047 | 12614 | 27 | 4 | 944 | 53706 | 24 | 14 | 03 | 1 |
| 405 | WASHINGTON | 031 | 23227 | | | 493 | 17111 | | | 028 | 07033 | | | 911 | 57736 | | | 03 | 1 |
| 445 | COLUMBIA | 027 | | | | 489 | 16103 | 23 | 2 | 023 | 08589 | 31 | 17 | 911 | 57727 | 29 | 23 | 03 | 1 |
| 451 | DODGE CITY | 029 | | | | 500 | 22129 | 16 | 6 | 044 | 09058 | 35 | 10 | 933 | 57608 | 32 | 27 | 03 | 1 |
| 476 | GRAND JUNC | 019 | | | | 497 | 26071 | 06 | 10 | 048 | 14021 | 32 | 23 | 944 | 57618 | 30 | 26 | 03 | 1 |
| 486 | ELY | 031 | | | | 503 | | | | 050 | 13527 | 06 | 3 | 941 | 59644 | | | 03 | 1 |
| 493 | OAKLAND | 043 | 13108 | 29 | 10 | 503 | 22025 | 16 | 8 | 046 | 11541 | 16 | 15 | 939 | 57990 | 18 | 14 | 03 | 1 |
| 506 | NANTUCKET | 027 | 19182 | 27 | 3 | 487 | 17079 | 30 | 25 | 022 | 07526 | 30 | 14 | 906 | 56998 | 29 | 39 | 03 | 1 |
| 518 | ALBANY | 025 | | | | 486 | 15106 | 33 | 13 | 016 | 05544 | 29 | 14 | 894 | 59998 | 27 | 26 | 03 | 1 |
| 520 | PITTSBURGH | 101 | 42 | | | | | | | *** | ***** | | | *** | ***** | | | 03 | 1 |
| 528 | BUFFALO | 036 | | | | 493 | 12046 | 28 | 7 | 018 | 05999 | 29 | 19 | 894 | 60992 | | | 03 | 1 |
| 534 | CHICAGO | 028 | | | | 493 | 16113 | 19 | 7 | 025 | 05001 | 27 | 4 | 900 | 58748 | 26 | 29 | 03 | 1 |
| 536 | TOLEDO | 032 | | | | 495 | 15087 | 36 | 3 | 025 | 05547 | 31 | 9 | 903 | 58991 | | | 03 | 1 |
| 553 | OMAHA | 033 | | | | 492 | 17115 | 31 | 29 | 027 | 06009 | 28 | 22 | 909 | 57990 | 32 | 34 | 03 | 1 |
| 562 | N PLATTE | 029 | | | | 500 | 21117 | 02 | 10 | 038 | 08021 | 32 | 23 | 921 | 58767 | | | 03 | 1 |
| 576 | LANDER | 030 | | | | 499 | | | | 041 | 10012 | 33 | 5 | 925 | 60667 | 28 | 16 | 03 | 1 |
| 597 | MEDFORD | 030 | | | | 507 | 24051 | 33 | 10 | 050 | 09011 | 26 | 7 | 933 | 59994 | 22 | 9 | 03 | 1 |
| 600 | SABLE ISLAND | 038 | 15139 | | | 490 | 13052 | | | 019 | 04017 | | | 901 | 56589 | | | 03 | 1 |
| 606 | PORTLAND | 024 | 19171 | 25 | 2 | 483 | 15108 | 31 | 12 | 012 | 05612 | | | 892 | 57998 | | | 03 | 1 |
| 655 | ST CLOUD | 043 | | | | 494 | 12511 | 04 | 18 | 016 | 01523 | 03 | 10 | 884 | 62994 | 36 | 14 | 03 | 1 |
| 662 | RAPID CITY | 042 | | | | 503 | 14098 | 06 | 7 | 034 | 05005 | 33 | 22 | 915 | 59751 | 30 | 34 | 03 | 1 |
| 681 | BOISE | 017 | | | | 496 | 27515 | 35 | 9 | 043 | 12554 | 29 | 22 | 929 | 59775 | | | 03 | 1 |
| 712 | CARIBOU | 025 | | | | 475 | 09089 | 32 | 10 | 997 | 01001 | 26 | 20 | 864 | 63684 | 24 | 43 | 03 | 1 |
| 734 | SAULT MARIE | 041 | | | | 493 | 10520 | 32 | 15 | 011 | 52589 | 32 | 22 | 871 | 64994 | 28 | 39 | 03 | 1 |
| 747 | INTL FALLS | 037 | | | | 495 | 13046 | 31 | 13 | 018 | 50537 | 32 | 30 | 877 | 65996 | 31 | 31 | 03 | 1 |
| 764 | BISMARCK | 044 | | | | 500 | 12056 | 29 | 4 | 027 | 03618 | 01 | 11 | 899 | 62786 | 33 | 15 | 03 | 1 |
| 768 | GLASGOW | 036 | | | | 502 | 17082 | 15 | 7 | 033 | 04514 | 25 | 3 | 903 | 63798 | 30 | 18 | 03 | 1 |
| 775 | GREAT FALLS | 039 | | | | 503 | 17066 | 19 | 11 | 036 | 05515 | 31 | 16 | 910 | 62646 | | | 03 | 1 |
| 785 | SPOKANE | 026 | | | | 500 | 23035 | 24 | 10 | 040 | 08512 | 26 | 9 | 919 | 59754 | 29 | 11 | 03 | 1 |
| 798 | TATOOSH IS | 057 | 11117 | 24 | 16 | 511 | 14057 | 31 | 22 | 042 | 05589 | 29 | 14 | 918 | 61754 | 26 | 26 | 03 | 1 |
| 807 | ARGENTIA | 047 | 11067 | | | 499 | 10531 | | | 018 | 01637 | | | 869 | 63686 | | | 03 | 1 |
| 815 | STEPHENVILLE | 038 | 16091 | 00 | | 491 | 10595 | 21 | 19 | 008 | 02607 | 23 | 21 | 872 | **640 | 27 | 26 | 03 | 1 |
| 816 | GOOSE | 026 | 15149 | 05 | 7 | 476 | 10073 | 33 | 6 | 995 | 50544 | 02 | 24 | 851 | 66758 | 04 | 25 | 03 | 1 |
| 826 | NITCHEQUON | 025 | | | | 459 | 02543 | | | 967 | 57672 | | | 807 | 72831 | | | 03 | 1 |
| 836 | MOOSONEE | 032 | 13093 | | | 479 | 06506 | | | 988 | 54617 | | | 832 | 68767 | | | 03 | 1 |
| 867 | THE PAS | 032 | | | | 456 | 12571 | | | 977 | 00657 | | | 835 | 65827 | | | 03 | 1 |
| 879 | EDMONTON | 022 | | | | 491 | 18067 | 33 | 9 | 024 | 04538 | 29 | 10 | 895 | 62688 | 31 | 14 | 03 | 1 |
| 896 | PRINCE GEORG | 030 | | | | 495 | 17054 | 31 | 10 | 027 | 03007 | 27 | 14 | 896 | 63789 | 21 | 24 | 03 | 1 |
| 906 | FT CHIMO | 023 | 10026 | 16 | 10 | 463 | 02544 | 21 | 9 | 969 | 56653 | | | 810 | 70783 | | | 03 | 1 |
| 907 | PORT HARRISN | 503 | | | | 424 | 52522 | | | 926 | 56579 | | | 762 | 72797 | | | 03 | 1 |
| 909 | UP FROBISHER | 012 | 05023 | 12 | 15 | 444 | 51547 | 18 | 24 | 941 | 60622 | 19 | 35 | 873 | 77361 | | | 03 | 1 |
| 913 | CHURCHILL | 030 | 04047 | 34 | 16 | 459 | 53532 | 33 | 24 | 955 | 59639 | 32 | 33 | 786 | 72825 | 31 | 70 | 03 | 1 |
| 915 | CORAL HARBOR | 501 | | | | 426 | 51569 | | | 929 | 60679 | | | 749 | 79891 | | | 03 | 1 |
| 917 | EUREKA | 052 | 08017 | 27 | 8 | 496 | 00532 | 08 | 3 | 990 | 56692 | 07 | 3 | 828 | 72996 | 27 | 5 | 03 | 1 |
| 918 | ARCTIC BAY | 046 | 06028 | | | 479 | 01541 | | | 985 | 56658 | | | 815 | 75776 | | | 03 | 1 |
| 924 | RESOLUTE | 050 | 04023 | 31 | 2 | 480 | 51521 | 02 | 3 | 984 | 56616 | 03 | 5 | 823 | 71847 | 07 | 2 | 03 | 1 |
| 926 | BAKER LAKE | 101 | 59 | | | | | | | *** | ***** | | | *** | ***** | | | 03 | 1 |
| 934 | FT SMITH | 035 | | | | 496 | 15076 | | | 024 | 04541 | | | 889 | 63705 | | | 03 | 1 |
| 938 | COPPERMINE | 043 | 06013 | | | 488 | 09523 | | | 008 | 00649 | | | 870 | 64805 | | | 02 | 1 |
| 945 | FORT NELSON | 018 | | | | 484 | 19081 | | | 017 | 05535 | | | 891 | 60699 | | | 03 | 1 |
| 964 | WHITEHORSE | 034 | | | | 487 | 09029 | 20 | 4 | 006 | 53541 | 18 | 13 | 854 | 68617 | 17 | 22 | 03 | 1 |
| 968 | AKLAVIK | 020 | 21147 | | | 479 | 11038 | | | 998 | 50571 | | | 858 | 68804 | | | 02 | 1 |
| | BLOCK 74 | | | | | | | | | | | | | | | | | | |
| 043 | NORMAN WELLS | 024 | | | | 485 | 15064 | | | 012 | 01521 | | | 874 | 65785 | | | 03 | 1 |
| 072 | MOULD BAY | 053 | 03025 | | | 484 | 01543 | | | 988 | 56593 | | | 835 | 70801 | | | 03 | 1 |
| 074 | ISACHSEN | 058 | 03991 | | | 486 | 51577 | | | 986 | 58715 | | | *** | ***** | | | 03 | 1 |
| 090 | CLYDE RIVER | 040 | 50507 | 03 | 3 | 467 | 51544 | 11 | 15 | 972 | 55663 | 12 | 19 | 816 | 70818 | 15 | 35 | 03 | 1 |
| 109 | PORT HARDY | 057 | 14111 | | | 506 | 11061 | | | 029 | 03554 | | | 900 | 61756 | | | 03 | 1 |
| 188 | MINGAN L PT | 019 | 13121 | 12 | 10 | 462 | 07079 | 26 | 19 | 980 | 07071 | 20 | 50 | 863 | ***** | | | 03 | 1 |
| | BLOCK 76 | | | | | | | | | | | | | | | | | | |
| 458 | MAZATLAN | 028 | 27228 | | | 495 | 19148 | | | 037 | 11047 | | | 933 | 54583 | | | 02 | 1 |
| 491 | C VICTORIA | 030 | | | | 415 | 18136 | | | 033 | 07046 | | | *** | ***** | | | 02 | 1 |
| 679 | TACUBAYA | 019 | | | | 491 | | | | 035 | 10059 | | | *** | 55571 | | | 03 | 1 |
| | BLOCK 78 | | | | | | | | | | | | | | | | | | |
| 016 | KINDLEY FLD | 060 | 23203 | 21 | 8 | 520 | 14083 | 20 | 8 | 049 | 05576 | 17 | 4 | 926 | 60995 | 14 | 5 | 03 | 1 |
| 395 | VERNAM FIELD | 101 | 58 | | | | | | | *** | ***** | | | *** | ***** | | | 03 | 1 |
| 501 | SWAN ISLAND | 041 | 25237 | | | 507 | 18133 | | | 047 | 11525 | | | 943 | 56683 | | | 03 | 1 |
| 806 | ALBROOK FLD | 036 | 23218 | 28 | 6 | 499 | 17147 | 32 | 6 | 035 | 08076 | 05 | 2 | 924 | 57624 | 11 | 26 | 03 | 1 |
| 967 | CHAGUARAMAS | 040 | 24227 | | | 505 | 17131 | | | 039 | 07009 | | | 924 | 57994 | | | 03 | 1 |
| 972 | WALLER FIELD | 042 | 23225 | 07 | 14 | 502 | 14123 | 07 | 16 | 034 | 07501 | 07 | 11 | 919 | 58640 | 07 | 22 | 03 | 1 |
| | BLOCK 91 | | | | | | | | | | | | | | | | | | |
| 115 | IWO JIMA | 042 | 27243 | 14 | 14 | 508 | 18113 | 15 | 59 | 044 | 08513 | 12 | 24 | 932 | 56993 | 11 | 14 | 03 | 1 |
| 182 | HONOLULU | 052 | 25162 | 08 | 18 | 512 | 14097 | 08 | 20 | 051 | 09537 | 03 | 7 | 948 | 53991 | 03 | 12 | 03 | 1 |
| 215 | HARMON FLD | 031 | 31216 | 07 | 9 | 494 | 14099 | 11 | 16 | 024 | **536 | 10 | 20 | 899 | 59748 | 11 | 8 | 03 | 1 |
| 245 | WAKE ISLAND | 046 | 27216 | 08 | 17 | 511 | 17076 | 09 | 18 | 048 | 08506 | 18 | 17 | 930 | 99706 | 09 | 13 | 03 | 1 |
| 275 | JOHNSON IS | 048 | 28222 | 05 | 11 | 514 | 19147 | 08 | 17 | 057 | 11542 | 01 | 13 | 957 | ***** | | | 03 | 1 |
| 366 | KWAJALEIN | 030 | 29725 | 07 | 14 | 499 | 19157 | 09 | 15 | 035 | 08059 | 08 | 18 | 930 | 51562 | 23 | 5 | 03 | 1 |
| 413 | YAP | 029 | 30216 | 18 | 3 | 492 | 17095 | 09 | 5 | 033 | 09005 | 10 | 8 | 923 | 55653 | | | 03 | 1 |
| QLL | OCEAN STA | | | | | | | | | | | | | | | | | | |
| 034 | 0 355 400 | 062 | 22179 | 22 | 16 | 520 | 13114 | 23 | 10 | 046 | 04995 | 23 | 9 | 922 | 60735 | 27 | 10 | 03 | 9 |
| 035 | 0 340 520 | 059 | 23204 | 26 | 11 | 518 | 15058 | 26 | 18 | 051 | 06037 | 28 | 16 | 931 | 58726 | | | 03 | 9 |
| 037 | 0 360 700 | 046 | 25231 | 22 | 24 | 509 | 16128 | 23 | 21 | 044 | 07027 | 26 | 24 | *** | ***** | | | 03 | 9 |
| 041 | 0 460 160 | 035 | 11035 | | | 400 | 08034 | | | 985 | 02594 | | | 604 | 66760 | | | 02 | 8 |
| 044 | 0 450 450 | 046 | 13129 | | | 497 | 11061 | | | 990 | 05992 | | | 897 | 62993 | | | 03 | 9 |
| 051 | 0 548 196 | 075 | 48380 | 33 | 10 | 508 | 36020 | 35 | 8 | 021 | 31680 | 02 | 16 | 879 | 02460 | 03 | 20 | 08 | 2 |
| 053 | 0 527 355 | 070 | 09079 | 11 | 13 | 510 | 09594 | 09 | 10 | 033 | 03567 | 11 | 26 | 898 | 66693 | 15 | 16 | 03 | 9 |
| 055 | 0 565 510 | 058 | 07064 | | | 498 | 08040 | | | 017 | 50531 | | | 876 | 65829 | | | 03 | 9 |
| 062 | 0 599 196 | 007 | 50430 | 00 | | 510 | 33070 | 00 | | 024 | 32930 | 07 | 8 | 883 | 02580 | 01 | 25 | 02 | 2 |
| 063 | 0 620 330 | 068 | 09076 | | | 512 | 08504 | 24 | 10 | 025 | 55582 | 20 | 10 | 878 | 65990 | | | 03 | 9 |
| 121 | 1 282 158 | 037 | 18152 | | | 502 | 22008 | | | 045 | 12041 | | | 941 | 55656 | | | 03 | 9 |
| 134 | 1 300 400 | 061 | 18152 | 03 | 18 | 513 | 14012 | 03 | 18 | 045 | 08991 | 03 | 25 | 931 | 57991 | 01 | 15 | 03 | 9 |
| 144 | 1 490 480 | 059 | 10081 | | | 496 | 05012 | | | 013 | 01551 | | | 868 | 67784 | | | 03 | 9 |
| 223 | 2 290 353 | 042 | 25 | | | 017 | 20 | | | 046 | 12*** | | | 947 | 51*** | | | 03 | 1 |
| 235 | 2 382 530 | 039 | 17 | | | 049 | 14 | | | 020 | 06*** | | | 903 | 56*** | | | 03 | 1 |
| 237 | 2 324 788 | 072 | 26189 | 08 | 10 | 512 | 15093 | 10 | 82 | 062 | 05999 | 20 | 23 | 941 | 60992 | | | 03 | 9 |
| 246 | 2 440 650 | 057 | 11098 | 26 | 10 | 495 | 07032 | 36 | 19 | 037 | 03561 | 27 | 21 | 894 | 60720 | 30 | 40 | 03 | 9 |
| 360 | 3 660 020 | 173 | 05016 | 30 | 18 | 495 | 00551 | 30 | 24 | 020 | 55644 | 32 | 22 | 597 | 67759 | 35 | 30 | 03 | 5 |

RADIOSONDE AND RAWINSONDE DATA—Continued

| Index No. iii | 300 mb. hhh | TTTTdd x | dd | ff | 200 mb. hhh | TTTTdd x | dd | ff | 100 mb. hhh | TTTTdd x | dd | ff | Hour GG | Code Type |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 42 | | | | | | | | | | | | | | |
| 182 | 983 | 65 | | | | | | | | | | | 15 | 8 |
| 339 | | | | | | | | | | | | | 15 | 8 |
| 475 | 101 | 43 | | | | | | | | | | | 15 | 8 |
| 807 | 971 | 76 | | | 252 | 01 | | | | | | | 15 | 8 |
| 867 | 969 | 77 | | | | | | | | | | | 15 | 8 |
| 909 | 101 | 43 | | | | | | | | | | | 07 | 8 |
| 43 | | | | | | | | | | | | | | |
| 063 | 976 | 72 | | | | | | | | | | | 14 | 8 |
| 149 | 101 | 50 | | | | | | | | | | | 14 | 8 |
| 279 | 975 | 78 | | | 251 | 03 | | | | | | | 14 | 8 |
| 371 | 965 | 82 | | | | | | | | | | | 15 | 8 |
| 45 | | | | | | | | | | | | | | |
| 007 | 101 | 50 | | | | | | | | | | | 22 | 8 |
| 47 | | | | | | | | | | | | | | |
| 412 | 138 | 86962 | | | 033 | 98992 | | | 490 | 09992 | | | 03 | 1 |
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| 350 | 019 | 96994 | | | 892 | 98990 | | | | | | | 03 | 1 |
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| 398 | | | | | | | | | | | | | 03 | 1 |
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| 454 | 006 | 90993 | | | 916 | 87999 | | | 481 | 88990 | | | 03 | 1 |
| 485 | 101 | 50 | | | | | | | | | | | 05 | 1 |
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| 250 | 186 | 80990 | 09 | 25 | 094 | 00990 | 09 | 54 | | | | | 03 | 1 |
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| 265 | 197 | 80849 | 26 | 5 | 100 | 82996 | 29 | 10 | 498 | ***** | | | 04 | 1 |
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| 353 | 194 | 80901 | 28 | 21 | 096 | 02995 | 30 | 46 | 468 | ***** | | | 03 | 1 |
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| 386 | 189 | 84990 | | | 075 | 07990 | | | | | | | 03 | 1 |
| 394 | 209 | 79991 | 23 | 28 | 124 | 96994 | 22 | 37 | 591 | ***** | | | 03 | 1 |
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| 445 | 152 | 83957 | 27 | 49 | 046 | 04991 | 29 | 52 | 444 | ***** | | | 03 | 1 |
| 451 | 179 | 82998 | | | 070 | 04992 | | | | | | | 03 | 1 |
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| 486 | 171 | 85999 | | | 057 | 04991 | | | | | | | 03 | 1 |
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| 536 | 136 | 85990 | | | 020 | 04997 | | | | | | | 03 | 1 |
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| 562 | 154 | 85912 | | | 043 | 01998 | | | 443 | 08993 | | | 03 | 1 |
| 576 | 149 | 88991 | | | 025 | 04993 | | | | | | | 03 | 1 |
| 597 | 156 | 88999 | 21 | 15 | 028 | 06999 | 24 | 38 | | | | | 03 | 1 |
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| 606 | 120 | 89991 | | | 994 | 06999 | | | | | | | 03 | 1 |
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| 807 | 087 | 89999 | | | 951 | 10996 | | | | | | | 03 | 1 |
| 815 | | | | | | | | | | | | | | |
| 816 | 043 | 93995 | 04 | 44 | 903 | 02996 | | | | | | | 03 | 1 |
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| 867 | 033 | 93991 | | | 891 | 04999 | | | 385 | ***** | | | 03 | 1 |
| 879 | 105 | 91995 | 32 | 24 | 966 | 08994 | 34 | 26 | 417 | ***** | | | 03 | 1 |
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| 906 | 983 | 97994 | | | 864 | 93995 | | | | | | | 03 | 1 |
| 907 | 933 | 97994 | | | 821 | | | | 351 | ***** | | | 03 | 1 |
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| 915 | 892 | 94993 | | | 800 | 88992 | | | | | | | 03 | 1 |
| 917 | 997 | 96990 | 23 | 28 | 882 | 91994 | 24 | 12 | | | | | 03 | 1 |
| 918 | 959 | 01993 | | | 840 | 92996 | | | | | | | 03 | 1 |
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| 926 | 101 | 59 | | | | | | | | | | | 03 | 1 |
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| 938 | 077 | 91997 | | | 948 | 03999 | | | 436 | 94999 | | | 02 | 1 |
| 945 | 084 | 90998 | | | 952 | 07999 | | | 404 | 00997 | | | 03 | 1 |
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| 74 | | | | | | | | | | | | | | |
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| 072 | 012 | 96880 | | | 882 | 96990 | | | 398 | 95995 | | | 03 | 1 |
| 074 | 101 | 50 | | | | | | | | | | | 03 | 1 |
| 090 | 985 | 00998 | 16 | 56 | 853 | 95990 | | | 385 | 92990 | | | 03 | 1 |
| 109 | 124 | 85947 | | | 010 | 05996 | | | 476 | 00994 | | | 03 | 1 |
| 188 | 101 | 50 | | | | | | | | | | | 03 | 1 |
| 76 | | | | | | | | | | | | | | |
| 458 | | | | | | | | | | | | | | |
| 491 | 101 | 50 | | | | | | | | | | | 02 | 1 |
| 679 | 018 | 98991 | | | 079 | 03998 | | | | | | | 03 | 1 |
| 78 | | | | | | | | | | | | | | |
| 016 | 101 | 50 | | | | | | | | | | | 03 | 1 |
| 395 | 101 | 58 | | | | | | | | | | | 03 | 1 |
| 501 | 192 | 82927 | | | 083 | 04998 | | | 444 | 22992 | | | 03 | 1 |
| 806 | 164 | 83881 | 11 | 12 | 054 | 06993 | 10 | 10 | | | | | 03 | 1 |
| 967 | 132 | 82997 | | | | | | | | | | | 03 | 1 |
| 972 | 158 | 84998 | 11 | 10 | 052 | 02995 | 25 | 6 | | | | | 03 | 1 |
| 91 | | | | | | | | | | | | | | |
| 115 | 080 | 19905 | | | 084 | 52994 | 28 | 24 | | | | | 03 | 1 |
| 182 | 201 | 82996 | 17 | 6 | 097 | 05996 | 24 | 7 | 468 | 25997 | | | 03 | 1 |
| 215 | 136 | 83999 | 11 | 9 | 159 | | | | | | | | 03 | 1 |
| 245 | 165 | 85992 | 36 | 16 | 049 | 06990 | 35 | 28 | 436 | 99999 | | | 03 | 1 |
| 275 | | | | | | | | | | | | | | |
| 366 | 193 | 78993 | | | 104 | 98999 | | | | | | | 03 | 1 |
| 413 | 173 | 84991 | | | 073 | 10990 | | | 492 | 19994 | | | 03 | 1 |
| QLL | | OCEAN STA | | | | | | | | | | | | |
| 034 | 145 | 87967 | 13 | 4 | 019 | 11990 | 26 | 9 | | | | | 03 | 9 |
| 035 | 164 | 85967 | | | 044 | 07998 | | | 428 | 16996 | | | 03 | 9 |
| 037 | 101 | 50 | | | | | | | | | | | 03 | 9 |
| 041 | 101 | 43 | | | | | | | | | | | 02 | 8 |
| 044 | 109 | 89997 | | | 975 | 08994 | | | 418 | 05990 | | | 03 | 9 |
| 051 | 068 | 50 0 | 05 | 35 | 923 | | | | | | | | 08 | 2 |
| 053 | 098 | 92998 | 17 | 33 | 955 | 05999 | 16 | 31 | | | | | 03 | 9 |
| 055 | 068 | 94999 | | | 915 | 07990 | | | | | | | 03 | 9 |
| 062 | 075 | 53 0 | 03 | 18 | 942 | 40 0 | 04 | 32 | | | | | 02 | 2 |
| 063 | 072 | 93999 | | | 932 | 06992 | | | 402 | 00996 | | | 03 | 9 |
| 121 | 101 | 50 | | | | | | | | | | | 03 | 9 |
| 134 | 162 | 87999 | 33 | 21 | 042 | 04991 | 01 | 15 | 443 | 17998 | | | 03 | 9 |
| 144 | 055 | 95992 | | | 925 | 00995 | | | 403 | 01995 | | | 03 | 9 |
| 223 | 231 | 71 | | | 179 | 88 | | | | | | | 03 | 1 |
| 235 | 167 | 76 | | | 070 | 03 | | | 498 | 09*** | | | 03 | 1 |
| 237 | 161 | 87990 | | | 037 | 08992 | | | | | | | 03 | 9 |
| 246 | 123 | 85997 | | | | | | | | | | | 03 | 9 |
| 360 | 923 | 91963 | 36 | 56 | 189 | 01997 | 36 | 34 | 650 | 93996 | 35 | 6 | 03 | 5 |

RADIOSONDE AND RAWINSONDE DATA
SIGNIFICANT LEVELS

| Index No. iii | 1st. 5th. etc. Level PPP | TTTTdd x | 2nd. 6th. etc. Level PPP | TTTTdd x | 3rd. 7th. etc. Level PPP | TTTTdd x | 4th. 8th. etc. Level PPP | TTTTdd x | Hour GG | Code Type |
|---|---|---|---|---|---|---|---|---|---|---|
| 42 | | | | | | | | | | |
| 182 | 972 | 28270 | 527 | 01530 | 254 | 73*** | | | 15 | 8 |
| 339 | 972 | 31260 | 715 | 19 | 658 | 08080 | 560 | 01510 | 15 | 8 |
| 475 | 986 | 33240 | 465 | 57620 | 318 | 74*** | | | 15 | 8 |
| 807 | 999 | 28260 | 830 | 17140 | 787 | 17120 | 734 | 14090 | 15 | 8 |
| 867 | 964 | 27240 | 250 | 87 | | | | | 15 | 8 |
| 909 | 296 | 26250 | 955 | 24210 | 861 | 20200 | 743 | 14140 | 07 | 8 |
| 43 | | | | | | | | | | |
| 063 | 938 | 24210 | 300 | 72 | | | | | 14 | 8 |
| 149 | 993 | 29240 | 957 | 27200 | 682 | 09090 | | | 14 | 8 |
| 279 | 001 | 29210 | 200 | 03 | | | | | 14 | 8 |
| 371 | 000 | 26240 | 870 | 20160 | 647 | 05030 | 537 | 52540 | 15 | 8 |
| 45 | | | | | | | | | | |
| 007 | 009 | 25230 | 950 | 24220 | 900 | 21190 | 800 | 15110 | 22 | 8 |
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| 580 | 008 | 21179 | 973 | 23203 | 939 | 23203 | 886 | 19176 | 03 | 1 |
| 590 | 009 | 20196 | 961 | 17174 | 917 | 18167 | 797 | 14062 | 03 | 1 |
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| 671 | 013 | 28222 | 900 | 22153 | 860 | 22109 | 769 | 16063 | 03 | 1 |
| 778 | 007 | 27255 | 933 | 20198 | 896 | 20187 | 796 | 16083 | 03 | 1 |
| 808 | 011 | 28219 | 860 | 17134 | 810 | 18082 | 565 | 00666 | 03 | 1 |
| 827 | 013 | 28237 | 953 | 18121 | 895 | 23162 | 761 | 09503 | 03 | 1 |
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| 200 | 011 | 15093 | 002 | 15069 | 673 | 54561 | 427 | 75865 | 03 | 1 |
| 204 | 006 | 09062 | 993 | 61571 | 915 | 60544 | 607 | 61632 | 04 | 1 |
| 219 | 013 | 20111 | 881 | 10041 | 820 | 06515 | 770 | 02506 | 03 | 1 |
| 231 | 003 | 18125 | 923 | 10086 | 904 | 13105 | 460 | 72735 | 03 | 1 |
| 261 | 995 | 17142 | 620 | 57583 | 400 | 81882 | 341 | 90973 | 03 | 1 |
| 273 | 014 | 17080 | 400 | 81867 | 345 | 90951 | 239 | 04991 | 03 | 1 |
| 291 | 953 | 14089 | 938 | 11042 | 778 | 02503 | 400 | 81903 | 03 | 1 |
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| 361 | 017 | 12117 | 565 | 66691 | 555 | 64689 | 400 | 81868 | 03 | 1 |
| 381 | 018 | 12107 | 647 | 56645 | 604 | 59634 | 400 | 81853 | 03 | 1 |
| 398 | 016 | 13112 | 787 | 51534 | 740 | 51593 | 732 | 50577 | 03 | 1 |
| 439 | | | | | | | | | | |
| 454 | 000 | 09094 | 712 | 55551 | 685 | 53558 | 660 | 55602 | 03 | 1 |
| 485 | 005 | 08073 | 880 | 06061 | 860 | 07531 | 834 | 06611 | 05 | 1 |
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| 202 | 017 | 27237 | 770 | 12071 | 730 | 10503 | 605 | 00615 | 03 | 1 |
| 208 | 011 | 25233 | 000 | | 960 | 25200 | 535 | 54566 | 03 | 1 |
| 211 | 016 | 28233 | 630 | 02664 | 574 | 51588 | 400 | 68764 | 03 | 1 |
| 219 | 979 | 23213 | 964 | 23214 | 611 | 02527 | 605 | 03534 | 03 | 1 |
| 231 | 013 | 24237 | 400 | 65681 | 249 | 89947 | 175 | 10996 | 03 | 1 |
| 240 | 011 | 35245 | 934 | 24823 | 400 | 64663 | 252 | 89931 | 03 | 1 |
| 250 | 010 | 27259 | 720 | 11051 | 570 | 00601 | 400 | 66813 | 03 | 1 |
| 253 | 983 | 29229 | 966 | 31221 | 631 | 05537 | 605 | 03514 | 03 | 1 |
| 259 | 898 | 29247 | 756 | 13134 | 610 | 04634 | 556 | 00581 | 03 | 1 |
| 265 | 927 | 24194 | 863 | 24142 | 738 | 13096 | 400 | 65702 | 04 | 1 |
| 270 | 880 | 27162 | 617 | 04005 | 400 | 66693 | 363 | 70744 | 03 | 1 |
| 278 | 967 | 38111 | 950 | 39128 | 765 | 21067 | 605 | 04002 | 03 | 1 |
| 304 | 012 | 26257 | 886 | 20095 | 710 | 09054 | 689 | 09001 | 03 | 1 |
| 317 | 980 | 24231 | 580 | 00536 | 569 | 00574 | 545 | 52565 | 03 | 1 |
| 327 | 990 | 23228 | 960 | 24213 | 787 | 13115 | 549 | 50545 | 03 | 1 |
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| 353 | 968 | 24195 | 956 | 25196 | 870 | 19156 | 806 | 18525 | 03 | 1 |
| 365 | 838 | 27144 | 624 | 06502 | 546 | 52542 | 400 | 65806 | 03 | 1 |
| 386 | 933 | 35078 | 930 | 38061 | 589 | 01537 | 508 | 57621 | 03 | 1 |
| 394 | 008 | 15125 | 971 | 12079 | 955 | 18108 | 912 | 21516 | 03 | 1 |
| 405 | 008 | 24223 | 812 | 15043 | 758 | 11036 | 535 | 57595 | 03 | 1 |
| 445 | 982 | 22175 | 978 | 25185 | 826 | 14092 | 802 | 15503 | 03 | 1 |
| 451 | 924 | 25180 | 907 | 26151 | 614 | 03547 | 408 | 67703 | 03 | 1 |
| 476 | 854 | 26071 | 557 | 51549 | 478 | 60641 | 400 | 67821 | 03 | 1 |
| 486 | 814 | 18091 | 809 | 22094 | 785 | 21009 | 400 | 71775 | 03 | 1 |
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| 576 | 833 | 17095 | 824 | 19074 | 484 | 63681 | 460 | 63818 | 03 | 1 |
| 597 | 967 | 33071 | 600 | 50556 | 590 | 52590 | 560 | 52696 | 03 | 1 |
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| 775 | 891 | 17137 | 882 | 19104 | 400 | 74771 | 305 | 90933 | 03 | 1 |
| 785 | 931 | 30048 | 673 | 05532 | 647 | 04614 | 587 | 52625 | 03 | 1 |
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| 807 | 015 | 15100 | 960 | 17084 | 770 | 07650 | 610 | 56631 | 03 | 1 |
| 815 | 013 | 16097 | 920 | 13061 | 780 | 07990 | | 08622 | 03 | 1 |
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| 826 | 949 | 07091 | 931 | 07505 | 904 | 05531 | 758 | 55598 | 03 | 1 |
| 836 | 010 | 13101 | 962 | 14084 | 709 | 55602 | 696 | 54618 | 03 | 1 |
| 867 | 980 | 20083 | 965 | 20015 | 796 | 06589 | 400 | 77934 | 03 | 1 |
| 879 | 935 | 27093 | 763 | 10022 | 686 | 03568 | 600 | 54611 | 03 | 1 |
| 896 | 936 | 23161 | 875 | 70052 | 836 | 18065 | 785 | 11037 | 03 | 1 |
| 906 | 005 | 10023 | 979 | 11003 | 878 | 03541 | 790 | 53582 | 03 | 1 |
| 907 | 997 | 02027 | 940 | 51516 | 887 | 51516 | 800 | 53532 | 03 | 1 |
| 909 | 002 | 05023 | 949 | 05003 | 787 | 56571 | 400 | 84871 | 03 | 1 |
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| 915 | 993 | 03017 | 881 | 00523 | 754 | 56658 | 660 | 63699 | 03 | 1 |
| 917 | 019 | 06009 | 994 | 09003 | 826 | 52551 | 813 | 50576 | 03 | 1 |
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| 938 | 016 | 03017 | 968 | 10023 | 911 | 12532 | 877 | 10527 | 02 | 1 |
| 945 | 964 | 25155 | 935 | 25159 | 588 | 54611 | 565 | 56593 | 03 | 1 |
| 964 | 933 | 17044 | 711 | 52523 | 520 | 66791 | 442 | 74812 | 03 | 1 |
| 968 | 006 | 21149 | 607 | 55662 | 520 | 63776 | 506 | 62799 | 02 | 1 |
| 74 | | | | | | | | | | |
| 043 | 998 | 25131 | 980 | 25118 | 618 | 55593 | 598 | 56661 | 03 | 1 |
| 072 | 019 | 05023 | 988 | 02044 | 967 | 03002 | 879 | 03531 | 03 | 1 |
| 074 | 019 | 04011 | 970 | 01992 | 906 | 00571 | 764 | 56643 | 03 | 1 |
| 090 | 014 | 00503 | 993 | 52522 | 955 | 02011 | 795 | 52581 | 03 | 1 |
| 109 | 019 | 15118 | 986 | 13092 | 938 | 14105 | 746 | 04104 | 03 | 1 |
| 188 | 004 | 12121 | 846 | 07077 | 793 | 13131 | 520 | 57575 | 03 | 1 |
| 76 | | | | | | | | | | |
| 458 | 008 | 28229 | 959 | 24196 | 940 | 25181 | 605 | 03509 | 02 | 1 |
| 491 | 973 | 23212 | 957 | 21196 | 923 | 22194 | 916 | 22169 | 02 | 1 |
| 679 | 774 | 17093 | 611 | 02004 | 503 | 54569 | 400 | 66755 | 03 | 1 |
| 78 | | | | | | | | | | |
| 016 | 021 | 25222 | 820 | 12060 | 660 | 03662 | 545 | 56995 | 03 | 1 |
| 395 | | | | | | | | | | |
| 501 | 013 | 26232 | 565 | 00572 | 551 | 50631 | 400 | 66815 | 03 | 1 |
| 806 | 012 | 24221 | 682 | 07063 | 584 | 00553 | 540 | 53578 | 03 | 1 |
| 967 | 014 | 25235 | 570 | 51555 | 445 | 64990 | 440 | 63994 | 03 | 1 |
| 972 | 010 | 24227 | 835 | 13112 | 800 | 13088 | 636 | 03026 | 03 | 1 |
| 91 | | | | | | | | | | |
| 115 | 002 | 27245 | | 12032 | 665 | 05553 | 612 | 02555 | 03 | 1 |
| 182 | 018 | 26166 | 892 | 15127 | 827 | 14067 | 818 | 18003 | 03 | 1 |
| 215 | | 32213 | 975 | 25189 | 623 | 51513 | 550 | 54716 | 03 | 1 |
| 245 | 015 | 30244 | 964' | 208 | 890 | 20133 | 873 | 18077 | 03 | 1 |
| 275 | 106 | 29238 | 950 | 23207 | 797 | 17107 | 770 | 18553 | 03 | 1 |
| 366 | 010 | 30302 | 652 | 04019 | 602 | 02566 | 534 | 52561 | 03 | 1 |
| 413 | 009 | 31222 | 816 | 15075 | 778 | 15056 | 630 | 04541 | 03 | 1 |
| QLL | | OCEAN | STA | | | | | | | |
| 034 | 021 | 24181 | 868 | 14139 | 730 | 05543 | 706 | 04528 | 03 | 9 |
| 035 | 020 | 25224 | 955 | 19163 | 908 | 19132 | 824 | 14001 | 03 | 9 |
| 037 | 015 | 26233 | 950 | 22202 | 618 | 02589 | 101 | 58*** | 03 | 9 |
| 041 | 004 | 18140 | 0 4 | 18140 | 945 | 12095 | 930 | 12095 | 02 | 8 |
| 044 | 016 | 14147 | 987 | 13121 | 958 | 15147 | 899 | 11098 | 03 | 9 |
| 051 | 028 | 52420 | | | | | | | 08 | 2 |
| 053 | 025 | 10094 | 014 | 10068 | 921 | 04012 | 880 | 10572 | 03 | 9 |
| 055 | 021 | 07066 | 925 | 06046 | 790 | 05569 | 587 | 58664 | 03 | 9 |
| 062 | 028 | 53470 | | | | | | | 02 | 2 |
| 063 | 025 | 06069 | 010 | 05041 | 962 | 10048 | 949 | 11531 | 03 | 9 |
| 121 | 013 | 19178 | 982 | 16126 | 962 | 24018 | 912 | 24167 | 03 | 9 |
| 134 | 021 | 19169 | 912 | 11104 | 900 | 15115 | 626 | 02675 | 03 | 9 |
| 144 | 021 | 11099 | 898 | 04030 | 890 | 04037 | 787 | 01525 | 03 | 9 |
| 223 | 015 | 26 | 929 | 23 | 864 | 21*** | 733 | 14*** | 03 | 1 |
| 235 | 014 | 19 | 992 | 17 | 756 | 10*** | 377 | 57*** | 03 | 1 |
| 237 | 024 | 18207 | 789 | 09050 | 752 | 09052 | 715 | 05**3 | 03 | 9 |
| 246 | 020 | 12109 | 780 | 05502 | 655 | 01607 | 565 | 52618 | 03 | 9 |
| 360 | 021 | 07031 | 893 | 53551 | 880 | 00522 | 632 | 60691 | 03 | 5 |

RADIOSONDE AND RAWINSONDE DATA
SIGNIFICANT LEVELS

| Index No. iii | 1st. 5th. etc. Level PPP | TTTTdd x | 2nd. 6th. etc. Level PPP | TTTTdd x | 3rd. 7th. etc. Level PPP | TTTTdd x | 4th. 8th. etc. Level PPP | TTTTdd x | Hour GG | Code Type |
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| 182 | | | | | | | | | | |
| 339 | 535 | 00580 | 110 | 14 | | | | | 15 | 8 |
| 475 | | | | | | | | | | |
| 807 | 475 | 56581 | 364 | 64 | 264 | 83*** | 237 | 87*** | 15 | 8 |
| 867 | | | | | | | | | | |
| 909 | 547 | 04 | 350 | 64 | | | | | 07 | 8 |
| 43 | | | | | | | | | | |
| 063 | | | | | | | | | | |
| 149 | | | | | | | | | | |
| 279 | | | | | | | | | | |
| 371 | 217 | 00 | | | | | | | 15 | 8 |
| 45 | | | | | | | | | | |
| 007 | 750 | 13090 | 650 | 05030 | 600 | 01510 | 550 | 52**0 | 22 | 8 |
| 47 | | | | | | | | | | |
| 412 | 755 | 11058 | 629 | 02552 | 531 | 54668 | 463 | 64742 | 03 | 1 |
| 580 | 828 | 18141 | 712 | 12059 | 101 | 55*** | | | 03 | 1 |
| 590 | 638 | 07503 | 600 | 04526 | 400 | 57663 | 338 | 63742 | 03 | 1 |
| 635 | 712 | 09005 | 427 | 61767 | 101 | 56*** | | | 03 | 1 |
| 671 | 723 | 12508 | 654 | 08525 | 101 | 59*** | | | 03 | 1 |
| 778 | 552 | 50623 | 444 | 58804 | 393 | 65778 | 337 | 73843 | 03 | 1 |
| 808 | 450 | 58750 | 436 | 59716 | 400 | 61775 | 253 | 85995 | 03 | 1 |
| 827 | 559 | 58712 | 441 | 59715 | 400 | 63761 | 292 | 78921 | 03 | 1 |
| 931 | | | | | | | | | | |
| 60 | | | | | | | | | | |
| 390 | 840 | 24028 | 800 | 22512 | 623 | 03657 | 484 | 67814 | 02 | 5 |
| 570 | 592 | 01750 | 402 | 68899 | 376 | 71928 | 329 | 78979 | 02 | 5 |
| 61 | | | | | | | | | | |
| 642 | 594 | 51583 | 534 | 58632 | 512 | 56991 | 473 | 57997 | 07 | 5 |
| 62 | | | | | | | | | | |
| 366 | 646 | 07 7 | 556 | 50 7 | 400 | 64**0 | | | 03 | 5 |
| 70 | | | | | | | | | | |
| 026 | 854 | 05027 | 674 | 54625 | 626 | 55738 | 601 | 57651 | 03 | 1 |
| 133 | 779 | 03541 | 737 | 01627 | | 52689 | 584 | 59703 | 03 | 1 |
| 200 | 400 | 77994 | 320 | 88998 | 208 | 08995 | 140 | 98995 | 03 | 1 |
| 204 | 555 | 63785 | 543 | 61676 | 535 | 62771 | 517 | 64735 | 04 | 1 |
| 219 | 760 | 04501 | 686 | 01582 | 632 | 52621 | 600 | 55714 | 03 | 1 |
| 231 | 400 | 79852 | 330 | 90963 | 231 | 11995 | 120 | 98999 | 03 | 1 |
| 261 | 242 | 04993 | 117 | 96993 | | | | | 03 | 1 |
| 273 | 142 | 95995 | | | | | | | 03 | 1 |
| 291 | 382 | 83957 | 345 | 89992 | 253 | 83998 | 094 | 95999 | 03 | 1 |
| 350 | 545 | 64752 | 480 | 71804 | 468 | 72820 | 400 | 82990 | 03 | 1 |
| 361 | | | | | 82 | 97992 | | | 03 | 1 |
| 381 | 335 | 90973 | 253 | 02993 | 110 | 95994 | | | 03 | 1 |
| 398 | 677 | 53626 | 587 | 60661 | 101 | 55*** | | | 03 | 1 |
| 439 | | | | | | | | | | |
| 454 | 626 | 54784 | 400 | 77990 | 305 | 88990 | 285 | 93990 | 03 | 1 |
| 485 | | | | | | | | | | |
| 72 | | | | | | | | | | |
| 202 | 563 | 53574 | 400 | 68758 | 323 | 80904 | 269 | 89993 | 03 | 1 |
| 208 | 510 | 54649 | 480 | 57622 | 101 | 56*** | | | 03 | 1 |
| 211 | 281 | 37903 | 136 | 22996 | | | | | 03 | 1 |
| 219 | 588 | 02551 | 461 | 59621 | 400 | 66711 | 256 | 88924 | 03 | 1 |
| 231 | | | | | | | | | | |
| 240 | 116 | 25997 | | | | | | | 03 | 1 |
| 250 | 154 | 14990 | | | | | | | 03 | 1 |
| 253 | 550 | 50558 | 585 | 51645 | 400 | 65792 | 288 | 81989 | 03 | 1 |
| 259 | 400 | 64779 | 250 | 90990 | 140 | 16996 | 101 | 58*** | 03 | 1 |
| 265 | 255 | 88928 | 123 | 25998 | | | | | 04 | 1 |
| 270 | 304 | 78896 | 197 | 04992 | 101 | 68*** | 030 | 87*** | 03 | 1 |
| 278 | 442 | 59759 | 400 | 65996 | 185 | 23995 | | | 03 | 1 |
| 304 | 678 | 08629 | 669 | 08533 | 617 | 04678 | 576 | 00619 | 03 | 1 |
| 317 | 400 | 65697 | 250 | 89939 | 171 | 10996 | 115 | 20995 | 03 | 1 |
| 327 | 430 | 63781 | 400 | 67768 | 390 | 67748 | 354 | 72852 | 03 | 1 |
| 340 | 626 | 07592 | 601 | 04578 | 549 | 00681 | 478 | 54714 | 03 | 1 |
| 353 | 794 | 17034 | 714 | 12619 | 593 | 02671 | 470 | 58634 | 03 | 1 |
| 365 | 360 | 71858 | 358 | 71817 | 335 | 74872 | 254 | 90953 | 03 | 1 |
| 386 | 495 | 55733 | 471 | 57991 | 430 | 62786 | 400 | 67814 | 03 | 1 |
| 394 | 884 | 22536 | 756 | 16501 | 663 | 10631 | 608 | 05999 | 03 | 1 |
| 405 | 528 | 55627 | 511 | 56722 | 400 | 67995 | 385 | 69836 | 03 | 1 |
| 445 | 666 | 06618 | 624 | 03551 | 400 | 68804 | 356 | 74817 | 03 | 1 |
| 451 | 400 | 67996 | 101 | 67 | 041 | 40*** | 127 | 19996 | 03 | 1 |
| 476 | 126 | 16997 | 067 | 13991 | | | | | 03 | 1 |
| 486 | 361 | 75817 | 338 | 79911 | 323 | 81957 | 279 | 89999 | 03 | 1 |
| 493 | 906 | 25542 | 767 | 16044 | 660 | 08645 | 400 | 69990 | 03 | 1 |
| 506 | 666 | 04669 | 638 | 02616 | 606 | 00674 | 572 | 52595 | 03 | 1 |
| 518 | 529 | 57735 | 476 | 60997 | 404 | 70997 | 104 | 12994 | 03 | 1 |
| 520 | | | | | | | | | | |
| 528 | 747 | 06675 | 643 | 01714 | 616 | 51677 | 563 | 55743 | 03 | 1 |
| 534 | 596 | 54622 | 570 | 52705 | 545 | 54997 | 502 | 58746 | 03 | 1 |
| 536 | 745 | 08021 | 632 | 00588 | 558 | 54726 | 400 | 70997 | 03 | 1 |
| 553 | 622 | 02631 | 568 | 53633 | 543 | 54732 | 502 | 56769 | 03 | 1 |
| 562 | 560 | 52704 | 545 | 54643 | 533 | 55734 | 400 | 70804 | 03 | 1 |
| 576 | 400 | 71998 | 290 | 90990 | 220 | 03992 | 148 | 12999 | 03 | 1 |
| 597 | 400 | 72995 | 284 | 89998 | 224 | 04995 | 170 | 10994 | 03 | 1 |
| 600 | 818 | 11024 | 672 | 02001 | 400 | 67718 | 177 | 09991 | 03 | 1 |
| 606 | 643 | 01607 | 630 | 01648 | 598 | 51647 | 528 | 55726 | 03 | 1 |
| 655 | 668 | 01544 | 608 | 52734 | 478 | 64815 | 418 | 70867 | 03 | 1 |
| 662 | 583 | 51692 | 400 | 73857 | | | | | 03 | 1 |
| 681 | 460 | 65812 | 400 | 78995 | 187 | 08997 | 152 | 07991 | 03 | 1 |
| 712 | 204 | 09990 | 186 | 02994 | | | | | 03 | 1 |
| 734 | 676 | 54613 | 662 | 52711 | 636 | 52991 | 456 | 68847 | 03 | 1 |
| 747 | 658 | 52701 | 540 | 61771 | 400 | 79990 | 328 | 90990 | 03 | 1 |
| 764 | 666 | 01694 | 608 | 52991 | 578 | 54734 | 535 | 59685 | 03 | 1 |
| 768 | 400 | 76858 | 358 | 83957 | 328 | 89995 | 289 | 06990 | 03 | 1 |
| 775 | 256 | 01992 | 134 | 10998 | 123 | 10990 | | | 03 | 1 |
| 785 | 400 | 72852 | 296 | 88989 | 162 | 10992 | | | 03 | 1 |
| 798 | 642 | 02681 | 617 | 00602 | 564 | 55642 | 552 | 58723 | 03 | 1 |
| 807 | 552 | 59606 | 450 | 68743 | 400 | 73776 | 370 | 77794 | 03 | 1 |
| 815 | 560 | 60623 | 548 | 59614 | 428 | 69696 | 400 | 74836 | 03 | 1 |
| 816 | 460 | 70817 | 400 | 77997 | 325 | 90990 | 211 | 09992 | 03 | 1 |
| 826 | 747 | 55611 | 673 | 58715 | 605 | 63787 | 568 | 63775 | 03 | 1 |
| 836 | 550 | 66733 | 515 | 67743 | 419 | 76835 | 376 | 82896 | 03 | 1 |
| 867 | 222 | 09997 | 180 | 02991 | 125 | 03993 | 112 | 00990 | 03 | 1 |
| 879 | 565 | 56664 | 400 | 74793 | 217 | 08992 | 196 | 08994 | 03 | 1 |
| 896 | 635 | 51541 | 473 | 65819 | 400 | 74884 | 303 | 89008 | 03 | 1 |
| 906 | 776 | 51579 | 674 | 57695 | 618 | 61707 | 589 | 63748 | 03 | 1 |
| 907 | 731 | 56567 | 633 | 61623 | 561 | 67695 | 469 | 74828 | 03 | 1 |
| 909 | 355 | 90943 | 304 | 96995 | 195 | 88999 | 137 | 90996 | 03 | 1 |
| 913 | 783 | 55565 | 746 | 58628 | 729 | 58628 | 690 | 60644 | 03 | 1 |
| 915 | 597 | 68765 | 584 | 73788 | 400 | 90951 | 333 | 00990 | 03 | 1 |
| 917 | 741 | 55654 | 649 | 59763 | 400 | 83992 | 356 | 90990 | 03 | 1 |
| 918 | 320 | 01997 | 107 | 94990 | | | | | 03 | 1 |
| 924 | | | 363 | 90983 | 272 | 01997 | 213 | 91996 | 03 | 1 |
| 926 | | | | | | | | | | |
| 934 | 400 | 74944 | 188 | 10990 | 150 | 03999 | 082 | 98993 | 03 | 1 |
| 938 | 599 | 56701 | 400 | 78873 | 214 | 05990 | 050 | 89992 | 02 | 1 |
| 945 | 538 | 57645 | 484 | 67734 | 400 | 74838 | 315 | 88961 | 03 | 1 |
| 964 | 400 | 79859 | 101 | 58 | | | | | 03 | 1 |
| 968 | 400 | 74082 | 245 | 95992 | 062 | 89992 | 101 | 58*** | 02 | 1 |
| 74 | | | | | | | | | | |
| 043 | 568 | 59642 | 453 | 71841 | 433 | 72851 | 400 | 75877 | 03 | 1 |
| 072 | 738 | 56592 | 676 | 57624 | 658 | 55636 | 400 | 81905 | 03 | 1 |
| 074 | 746 | 56637 | 678 | 56741 | 101 | 69*** | | 58*** | 03 | 1 |
| 090 | 742 | 54604 | 655 | 58745 | 647 | 57750 | 600 | 59725 | 03 | 1 |
| 109 | 723 | 05533 | 590 | 55623 | 400 | 72830 | 180 | 07990 | 03 | 1 |
| 188 | 101 | 47 | | | | | | | 03 | 1 |
| 76 | | | | | | | | | | |
| 458 | 527 | 53601 | 400 | 65689 | 256 | 89928 | 217 | 20995 | 02 | 1 |
| 491 | 811 | 15125 | 731 | 10006 | 624 | 00518 | 509 | 50521 | 02 | 1 |
| 679 | 340 | 73876 | 306 | 80873 | 296 | 81938 | 263 | 89005 | 03 | 1 |
| 78 | | | | | | | | | | |
| 016 | 400 | 70990 | | | | | | | 03 | 1 |
| 395 | | | | | | | | | | |
| 501 | 358 | 72813 | 262 | 90982 | 134 | 25993 | 045 | 08992 | 03 | 1 |
| 806 | 400 | 68725 | 344 | 79799 | 269 | 89953 | 193 | 08993 | 03 | 1 |
| 967 | 400 | 68991 | 225 | 96994 | | | | | 03 | 1 |
| 972 | 550 | 53668 | 453 | 62640 | 424 | 65745 | 400 | 68995 | 03 | 1 |
| 91 | | | | | | | | | | |
| 115 | 512 | 55751 | 440 | 61990 | 400 | 67990 | 378 | 72992 | 03 | 1 |
| 182 | 644 | 04553 | 618 | 02637 | 612 | 05641 | 400 | 66994 | 03 | 1 |
| 215 | 522 | 57668 | 451 | 64727 | 400 | 69823 | 265 | 90990 | 03 | 1 |
| 245 | 803 | 15080 | 765 | 13017 | 692 | 05538 | 667 | 05515 | 03 | 1 |
| 275 | 710 | 12522 | 637 | 05652 | 505 | 50994 | 101 | 58*** | 03 | 1 |
| 366 | 400 | 64718 | 320 | 75857 | 293 | 79999 | 183 | 03996 | 03 | 1 |
| 413 | 400 | 66750 | 362 | 70998 | | | | | 03 | 1 |
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| 034 | 615 | 50573 | 570 | 55601 | 550 | 56651 | 498 | 60747 | 03 | 9 |
| 035 | 774 | 12512 | 757 | 10034 | 600 | 51539 | 557 | 55589 | 03 | 9 |
| 037 | | | | | | | | | | |
| 041 | 865 | 10042 | 840 | 07085 | 785 | 02590 | 685 | 00603 | 02 | 8 |
| 044 | 892 | 14103 | 822 | 11577 | 750 | 08641 | 400 | 74873 | 03 | 9 |
| 051 | | | | | | | | | | |
| 053 | 623 | 04665 | 628 | 52566 | 532 | 62686 | 466 | 69749 | 03 | 9 |
| 055 | 587 | 58664 | 548 | 60789 | 470 | 69856 | 400 | 77999 | 03 | 9 |
| 062 | | | | | | | | | | |
| 063 | 936 | 11003 | 671 | 58603 | 645 | 55726 | 400 | 77998 | 03 | 9 |
| 121 | 588 | 03616 | 468 | 57714 | 400 | 65992 | | | 03 | 9 |
| 134 | 577 | 00994 | 400 | 71993 | 238 | 00993 | 176 | 04998 | 03 | 9 |
| 144 | 816 | 02517 | 664 | 53630 | 400 | 72901 | 350 | 87972 | 03 | 9 |
| 223 | 647 | 09 | 629 | 08 | 568 | 04*** | 421 | 58*** | 03 | 1 |
| 235 | 257 | 86 | 176 | 01 | 057 | 06*** | | | 03 | 1 |
| 237 | 367 | 06996 | 640 | 02997 | 596 | 51646 | 534 | 57784 | 03 | 9 |
| 246 | 400 | 71990 | 340 | 80993 | 290 | 86999 | 265 | 92994 | 03 | 9 |
| 360 | 612 | 60691 | 532 | 65747 | 571 | 65744 | 426 | 77842 | 03 | 5 |

## JULY 15

| Index No. iii | Station Name | 1000 mb. hhh | TTTTdd x | dd | ff | 850 mb. hhh | TTTTdd x | dd | ff | 700 mb. hhh | TTTTdd x | dd | ff | 500 mb. hhh | TTTTdd x | dd | ff | Hour GG | Code Type |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | BLOCK 01 | | | | | | | | | | | | | | | | | | |
| 001 | JAN MAYEN | 183 | 01002 | | | 490 | 03545 | | | 054 | 54631 | | | 619 | 71761 | | | 03 | 8 |
| 030 | TROMSO | 081 | 04031 | | | 390 | 54549 | | | 879 | 65651 | | | 349 | 78794 | | | 03 | 8 |
| 384 | GARDERMOEN | 123 | 99999 | | | 464 | 04996 | 13 | 3 | 017 | 53998 | 07 | 8 | 615 | 65991 | 33 | 20 | 03 | 5 |
| 415 | BOLA | 137 | 08087 | | | 500 | 06013 | | | 029 | 51573 | | | 661 | 67746 | | | 03 | 8 |
| | BLOCK 02 | | | | | | | | | | | | | | | | | | |
| 057 | LULEA KALLAS | 058 | 08035 | | | 380 | 50555 | | | 896 | 63672 | | | 398 | 77824 | | | 03 | 8 |
| 077 | STOCKHOLM | 121 | 12085 | 15 | 4 | 465 | 02028 | | | 009 | 54563 | 30 | 19 | 598 | 66737 | 30 | 20 | 03 | 5 |
| 084 | GOTEBORG | 093 | 11092 | | | 454 | 07015 | | | 010 | 51603 | | | 623 | 66755 | | | 03 | 8 |
| | BLOCK 03 | | | | | | | | | | | | | | | | | | |
| 005 | LERWICK | 055 | 46430 | | | 489 | 42130 | 34 | 11 | 005 | 33940 | 01 | 9 | 864 | 09800 | 01 | 9 | 02 | 2 |
| 026 | STORNOWAY | 056 | 50490 | 07 | 16 | 491 | 35330 | 05 | 12 | 006 | 32050 | 09 | 10 | 865 | 08000 | 13 | 8 | 02 | 2 |
| 476 | DOWNHAM MKT | 038 | 56560 | 16 | 12 | 485 | 49490 | 20 | 14 | 006 | 33300 | 20 | 20 | 869 | 05030 | 19 | 21 | 02 | 2 |
| 743 | LARKHILL | 003 | | | | 469 | 47430 | 17 | 23 | 997 | 30290 | 20 | 33 | 395 | 17160 | 20 | 23 | 02 | 2 |
| 808 | CAMBORNE | 016 | | | | 463 | 47430 | 19 | 26 | 985 | 33180 | 19 | 21 | 846 | 15940 | 17 | 29 | 02 | 2 |
| 917 | ALDERGROVE | 038 | 52480 | 10 | 25 | 479 | 47390 | 11 | 12 | 998 | 29250 | 12 | 14 | 852 | 00950 | 12 | 20 | 02 | 2 |
| 953 | VALENTIA | 017 | 58 0 | | | 463 | 48 0 | | | 979 | 29**0 | | | 836 | 01**0 | | | 03 | 7 |
| | BLOCK 04 | | | | | | | | | | | | | | | | | | |
| 018 | KEFLAVIK | 059 | 06051 | 32 | 4 | 499 | 07527 | 29 | 10 | 015 | 53562 | 29 | 5 | 869 | 66793 | 28 | 12 | 03 | 1 |
| 202 | THULE | 061 | 09046 | 11 | 15 | 498 | 02502 | 11 | 24 | 003 | 57581 | 15 | 35 | 837 | 73788 | 17 | 26 | 03 | 1 |
| 231 | SDR STROMFRD | 058 | 29013 | 06 | 7 | 492 | 09526 | 10 | 9 | 010 | 50631 | 13 | 14 | 870 | 66802 | 18 | 14 | 09 | 1 |
| 270 | NARSSARSSUAK | 067 | 06035 | 00 | | 506 | 06004 | 00 | | 020 | 52604 | 20 | 10 | 870 | 67996 | 17 | 17 | 11 | 1 |

| Index No. iii | 300 mb. hhh | TTTTdd x | dd | ff | 200 mb. hhh | TTTTdd x | dd | ff | 100 mb. hhh | TTTTdd x | dd | ff | Hour GG | Code Type |
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| 001 | 922 | 94997 | | | 186 | 99991 | | | | | | | 03 | 8 |
| 030 | 881 | 07 6 | | | 148 | 93 0 | | | | | | | 03 | 8 |
| 384 | 927 | 92992 | 31 | 33 | | | | | | | | | 03 | 5 |
| 415 | 929 | 94024 | | | 191 | 05991 | | | | | | | 03 | 8 |
| 02 | | | | | | | | | | | | | | |
| 057 | 101 | 43 | | | | | | | | | | | 03 | 8 |
| 077 | 923 | 92995 | 29 | 32 | 186 | 00990 | 28 | 51 | 648 | 94992 | | | 03 | 5 |
| 084 | 101 | 43 | | | | | | | | | | | 03 | 8 |
| 03 | | | | | | | | | | | | | | |
| 005 | 101 | 43 | | | | | | | | | | | 02 | 2 |
| 026 | 077 | 56 0 | 09 | 16 | 932 | 37 0 | 09 | 80 | | | | | 02 | 2 |
| 476 | 069 | 54 0 | 20 | 31 | | | | | | | | | 02 | 2 |
| 743 | 034 | 48 0 | 18 | 39 | | | | | | | | | 02 | 2 |
| 808 | 101 | 43 | | | | | | | | | | | 02 | 2 |
| 917 | 037 | 48 0 | 10 | 32 | | | | | | | | | 02 | 2 |
| 953 | 026 | 58 0 | | | 901 | 49 0 | | | 403 | 40**0 | | | 03 | 7 |
| 04 | | | | | | | | | | | | | | |
| 018 | 060 | 94997 | | | | | | | | | | | 03 | 1 |
| 202 | | | | | | | | | | | | | | |
| 231 | 060 | 94995 | 18 | 13 | 915 | 09990 | 19 | 15 | | | | | 09 | 1 |
| 270 | 101 | 53 | | | | | | | | | | | 11 | 1 |

| Index No. iii | 1st. 5th. etc. Level PPP | TTTTdd x | 2nd. 6th. etc. Level PPP | TTTTdd x | 3rd. 7th. etc. Level PPP | TTTTdd x | 4th. 8th. etc. Level PPP | TTTTdd x | Hour GG | Code Type |
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| 001 | 022 | 02019 | 965 | 51519 | 938 | 03017 | 892 | 04527 | 03 | 8 |
| 030 | 008 | 04047 | 936 | 00000 | 573 | 73731 | 491 | 79800 | 03 | 8 |
| 384 | 990 | 06042 | 948 | 10 | 907 | 10*** | 756 | 51*** | 03 | 5 |
| 415 | 014 | 08084 | 986 | 09071 | 945 | 11043 | 927 | 11051 | 03 | 8 |
| 02 | | | | | | | | | | |
| 057 | 007 | 09033 | 773 | 55609 | 685 | 64697 | 675 | 62678 | 03 | 8 |
| 077 | 012 | 12083 | 980 | 12074 | 760 | 54549 | 739 | 51544 | 03 | 5 |
| 084 | 011 | 10083 | 956 | 15103 | 760 | 50553 | 645 | 53639 | 03 | 8 |
| 03 | | | | | | | | | | |
| 005 | 011 | 46440 | | | | | | | 02 | 2 |
| 026 | 019 | 52510 | | | | | | | 02 | 2 |
| 476 | 009 | 57560 | | | | | | | 02 | 2 |
| 743 | 996 | 60600 | | | 365 | 69640 | 279 | 42**0 | 02 | 2 |
| 808 | 995 | 61600 | | | | | | | 02 | 2 |
| 917 | 005 | 53490 | | | | | | | 02 | 2 |
| 953 | 005 | 59 0 | 951 | 53 0 | 650 | 22**0 | 631 | 22**0 | 03 | 7 |
| 04 | | | | | | | | | | |
| 018 | 016 | 07067 | 985 | 04039 | 913 | 10024 | 800 | 04549 | 03 | 1 |
| 202 | 018 | 09054 | 981 | 09046 | 742 | 54554 | 400 | 86913 | 03 | 1 |
| 231 | 016 | 09022 | 943 | 00514 | 910 | 12514 | 823 | 08523 | 09 | 1 |
| 270 | 024 | 08078 | 991 | 05028 | 923 | 07049 | 908 | 07044 | 11 | 1 |

| Index No. iii | 1st. 5th. etc. Level PPP | TTTTdd x | 2nd. 6th. etc. Level PPP | TTTTdd x | 3rd. 7th. etc. Level PPP | TTTTdd x | 4th. 8th. etc. Level PPP | TTTTdd x | Hour GG | Code Type |
|---|---|---|---|---|---|---|---|---|---|---|
| 01 | | | | | | | | | | |
| 001 | 729 | 51618 | 616 | 60677 | 589 | 62696 | 512 | 70752 | 03 | 8 |
| 030 | 400 | 90913 | 283 | 02 8 | 270 | 02**1 | 225 | 93**7 | 03 | 8 |
| 384 | 731 | 52 | 675 | 56 | 646 | 56*** | 555 | 59*** | 03 | 5 |
| 415 | 757 | 50557 | 717 | 50561 | 537 | 62709 | 447 | 74824 | 03 | 8 |
| 02 | | | | | | | | | | |
| 057 | 489 | 78838 | 467 | 79858 | 415 | 87922 | | | 03 | 8 |
| 077 | 605 | 60658 | 536 | 62699 | 420 | 77848 | 313 | 89999 | 03 | 5 |
| 084 | 605 | 58697 | 582 | 58698 | | | | | 03 | 8 |
| 03 | | | | | | | | | | |
| 005 | | | | | | | | | | |
| 026 | | | | | | | | | | |
| 476 | | | | | | | | | | |
| 743 | 242 | 45 0 | | | | | | | 02 | 2 |
| 808 | | | | | | | | | | |
| 917 | | | | | | | | | | |
| 953 | 450 | 90 0 | 251 | 39 0 | 212 | 49**0 | 172 | 51**0 | 03 | 7 |
| 04 | | | | | | | | | | |
| 018 | 683 | 54574 | 653 | 54607 | 572 | 60655 | 547 | 61757 | 03 | 1 |
| 202 | | | | | | | | | | |
| 231 | 715 | 00635 | 665 | 52813 | 548 | 61775 | 520 | 64796 | 09 | 1 |
| 270 | 870 | 07016 | 653 | 55647 | 574 | 61998 | 546 | 61998 | 11 | 1 |

**JULY 15**

# RADIOSONDE AND RAWINSONDE DATA

| Index No. iii | Station Name | 1000 mb. hhh | TTTTT ddx | dd | ff | 850 mb. hhh | TTTTT ddx | dd | ff | 700 mb. hhh | TTTTT ddx | dd | ff | 500 mb. hhh | TTTTT ddx | dd | ff | Hour GG | Code Type |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | BLOCK 06 | | | | | | | | | | | | | | | | | | |
| 260 | DE BILT | 125 | 12129 | | | 492 | 08066 | | | 070 | 51513 | | | 687 | 65691 | | | 03 | 8 |
| 447 | UCCLE | 120 | 16156 | | | 504 | 12112 | | | 087 | 01018 | | | 716 | 63689 | | | 03 | 8 |
| 610 | PAYERNE | 130 | | | | 525 | 16115 | 00 | | 140 | 05544 | 25 | 17 | 800 | 61752 | 25 | 35 | 05 | 5 |
| | BLOCK 07 | | | | | | | | | | | | | | | | | | |
| 110 | BREST | 069 | | | | 445 | 09065 | 28 | 50 | 017 | 00543 | 21 | 41 | 627 | 66735 | 24 | 17 | 02 | 5 |
| 145 | TRAPPES | 104 | | | | 510 | 15062 | | | 100 | 01529 | | | 216 | 65704 | | | 02 | 8 |
| 190 | STRASBOURG | 125 | | | | 530 | 12059 | | | 109 | 03521 | | | 771 | 60728 | | | 03 | 8 |
| 480 | LYON | 120 | | | | 530 | 18062 | | | 151 | 06565 | | | 811 | 62765 | | | 02 | 8 |
| 510 | BORDEAUX | 130 | 18141 | 34 | 8 | 520 | 15085 | 26 | 12 | 128 | 03503 | 20 | 42 | 768 | 63665 | 24 | 50 | 02 | 5 |
| 645 | NIMES | 120 | 20154 | | | 600 | 16015 | | | 187 | 04612 | | | 855 | 64780 | | | 02 | 8 |
| | BLOCK 08 | | | | | | | | | | | | | | | | | | |
| 509 | LAGENS | 072 | 16149 | 28 | 10 | 521 | 10029 | 30 | 6 | 047 | 03506 | 29 | 17 | 920 | 60658 | 27 | 31 | 03 | 1 |
| 521 | FUNCHAL | 204 | 2216 | | | 595 | 18523 | | | 235 | 12615 | | | 941 | 57743 | | | 14 | 8 |
| 536 | PORTELA | 177 | 23144 | | | 566 | 10079 | | | 183 | 08562 | | | 879 | 60755 | | | 14 | 8 |
| | BLOCK 10 | | | | | | | | | | | | | | | | | | |
| 384 | TEMPELHOF | 100 | 12156 | 28 | 13 | 472 | 10033 | 28 | 22 | 056 | 00644 | 27 | 30 | 690 | 64795 | 25 | 46 | 03 | 5 |
| 633 | WIESBADEN | 100 | 14137 | 00 | | 528 | 13083 | 00 | | 129 | 01608 | 23 | 16 | 772 | 63714 | 25 | 35 | 03 | 5 |
| 866 | MUNCHEN RIEM | 133 | 99999 | 99 | 99 | 525 | 14061 | 24 | 4 | 136 | 03539 | 28 | 21 | 798 | 62791 | 25 | 25 | 03 | 5 |
| | BLOCK 11 | | | | | | | | | | | | | | | | | | |
| 030 | TULLN | 121 | | | | 505 | 14105 | 31 | 15 | 114 | 03578 | 29 | 18 | 773 | 62722 | 27 | 24 | 03 | 5 |
| 567 | PRAHA KBELY | 121 | | | | 530 | 14118 | | | 134 | 07001 | | | 826 | 59691 | | | 06 | 5 |
| | BLOCK 40 | | | | | | | | | | | | | | | | | | |
| 427 | BAHREIN | 516 | | | | 463 | 91300 | 32 | 6 | 025 | 67280 | 01 | 12 | 932 | 24990 | 03 | 14 | 14 | 2 |
| 648 | HABBANIYA | 003 | | | | 471 | 77330 | | | 004 | 67180 | | | 910 | 20990 | | | 02 | 7 |
| | BLOCK 42 | | | | | | | | | | | | | | | | | | |
| 182 | NEW DELHI | 503 | | | | 141 | 24220 | | | 310 | 17160 | | | 592 | 03020 | | | 15 | 8 |
| 339 | JODHPUR | 505 | | | | 141 | 25210 | | | 308 | 14100 | | | 585 | 52*** | | | 15 | 8 |
| 807 | CALCUTTA | 000 | | | | 142 | 17170 | | | 307 | 10100 | | | *** | ***** | | | 15 | 8 |
| 867 | NAGPUR | 504 | | | | 149 | 21160 | | | 306 | 12080 | | | 581 | 52500 | | | 15 | 8 |
| 909 | VERAVAL | 503 | | | | 140 | 19160 | | | 305 | 12080 | | | 581 | 53*** | | | 14 | 8 |
| | BLOCK 43 | | | | | | | | | | | | | | | | | | |
| 063 | POONA | 000 | | | | 142 | 19150 | | | 308 | 14510 | | | 583 | 54540 | | | 14 | 8 |
| 149 | VIZAGAPATAM | 503 | | | | 139 | 19170 | | | 304 | 09090 | | | 578 | 53590 | | | 14 | 8 |
| 279 | MADRAS | 001 | 29220 | | | 146 | 21160 | | | 312 | 12040 | | | 586 | 53*** | | | 14 | 8 |
| 371 | TRIVANDRUM | 007 | 23220 | | | 147 | 17140 | | | 311 | 08070 | | | 583 | 55*** | | | 15 | 8 |
| | BLOCK 45 | | | | | | | | | | | | | | | | | | |
| 007 | KAI TAK | 008 | 24240 | | | 149 | 19140 | | | 314 | 09050 | | | 586 | 54**0 | | | 22 | 8 |
| | BLOCK 47 | | | | | | | | | | | | | | | | | | |
| 412 | SAPPORO DCMO | 032 | 24163 | | | 488 | 14104 | | | 018 | 07522 | | | 907 | 54653 | | | 03 | 1 |
| 580 | MISAWA | 035 | 26202 | 00 | | 499 | 18154 | 27 | 21 | 039 | 11072 | 28 | 30 | 940 | 52633 | 28 | 39 | 03 | 1 |
| 590 | SENDAI DCMO | 045 | 24224 | | | 504 | 17157 | | | 037 | 09019 | | | 932 | 53573 | | | 04 | 1 |
| 635 | NAGOYA | 043 | 31233 | 00 | | 510 | 19114 | 00 | | 049 | 10007 | 26 | 8 | 940 | 55651 | 24 | 8 | 03 | 1 |
| 646 | TATENO | 043 | 32251 | | | 512 | 23161 | | | 055 | 12027 | | | 957 | 53636 | | | 03 | 1 |
| 671 | TOKYO | 045 | 27169 | | | 512 | 20098 | | | 052 | 10577 | | | 943 | 56693 | | | 03 | 1 |
| 744 | YONAGO | 043 | 26221 | | | 506 | 20150 | | | 042 | 12032 | | | 934 | 51645 | | | 03 | 1 |
| 778 | SHIONOMISAKI | 048 | 27234 | | | 513 | 21127 | | | 057 | 13502 | | | 971 | 51661 | | | 03 | 1 |
| 808 | ITAZUKE | 038 | 32207 | 12 | 6 | 508 | 19135 | 19 | 16 | 050 | 11008 | 19 | 17 | 951 | 51613 | 16 | 23 | 03 | 1 |
| 827 | KAGOSHIMA | 038 | 29204 | 13 | 12 | 500 | 17121 | 12 | 19 | 035 | 09038 | 13 | 26 | 926 | 54571 | 13 | 31 | 03 | 1 |
| | BLOCK 60 | | | | | | | | | | | | | | | | | | |
| 120 | PORT LYAUTEY | 057 | 17152 | | | 517 | 19199 | | | 055 | 09537 | | | 939 | 61661 | | | 03 | 6 |
| 390 | M BLANCHE | 135 | 22193 | 00 | | 580 | 25068 | 28 | 8 | 230 | 12583 | 32 | 16 | 915 | 62768 | 26 | 25 | 02 | 5 |
| | BLOCK 61 | | | | | | | | | | | | | | | | | | |
| 642 | DAKAR OUAKAM | 118 | 24224 | 27 | 5 | 530 | 15131 | 10 | 11 | 147 | 07015 | 09 | 2 | 839 | 58612 | 12 | 22 | 07 | 5 |
| | BLOCK 62 | | | | | | | | | | | | | | | | | | |
| 053 | BENINA | 044 | 70700 | | | 501 | 59380 | | | 035 | 48180 | | | 921 | 22870 | | | 02 | 7 |
| 366 | FAROUK | 096 | 20163 | 33 | 3 | 484 | 13037 | 36 | 21 | 109 | 10**4 | 31 | 9 | 836 | 55**7 | 25 | 22 | 03 | 5 |
| | BLOCK 70 | | | | | | | | | | | | | | | | | | |
| 086 | BARROW | 041 | 11064 | 11 | 11 | 487 | 08515 | 30 | 9 | 005 | 50557 | 29 | 17 | 862 | 66773 | 27 | 16 | 03 | 1 |
| 133 | KOTZEBUE | 025 | 23123 | 11 | 16 | 480 | 10067 | 16 | 25 | 000 | 50547 | | | 861 | 57796 | | | 03 | 1 |
| 200 | NOME | 027 | 06067 | 22 | 9 | 461 | 02016 | 17 | 34 | 973 | 53533 | 15 | 42 | 826 | 67712 | 16 | 48 | 03 | 1 |
| 204 | GAMBELL | 009 | 07056 | | | 441 | 00512 | | | 944 | 57649 | | | 794 | 68801 | | | 03 | 1 |
| 219 | BETHEL | 030 | 12106 | 18 | 13 | 471 | 03029 | | | 982 | 50647 | | | 839 | 67994 | | | 03 | 1 |
| 231 | MCGRATH | 034 | 23107 | 22 | 6 | 488 | 10043 | 18 | 18 | 007 | 00584 | 17 | 12 | 868 | 65995 | 15 | 9 | 03 | 1 |
| 261 | FRBNKS WEEKS | 032 | | | | 486 | 09049 | 27 | 8 | 007 | 00571 | 30 | 4 | 863 | 66804 | 01 | 13 | 03 | 1 |
| 273 | ANCH MERRILL | 053 | 17073 | 20 | 4 | 498 | 06021 | 19 | 9 | 012 | 51592 | 04 | 11 | 873 | 65744 | 36 | 8 | 03 | 1 |
| 291 | NORTHWAY | 035 | | | | 488 | 09031 | 29 | 14 | 005 | 51557 | 34 | 8 | 857 | 68765 | 04 | 15 | 03 | 1 |
| 316 | FORT RANDALL | 101 | 42 | | | | | | | *** | ***** | | | *** | ***** | | | 04 | 1 |
| 350 | KODIAK | 050 | 15077 | | | 495 | 08552 | | | 007 | 01675 | | | 873 | 63994 | | | 03 | 1 |
| 361 | YAKUTAT | 058 | 11090 | 13 | 2 | 496 | 02027 | 16 | 2 | 002 | 56572 | 28 | 19 | 810 | 71788 | 08 | 7 | 03 | 1 |
| 381 | JUNEAU | 054 | 14085 | 17 | 3 | 496 | 04003 | 18 | 1 | 005 | 54586 | | | *** | ***** | | | 03 | 1 |
| 398 | ANNETTE IS | 053 | 14085 | 19 | 3 | 495 | 03508 | 16 | 5 | 003 | 55577 | 19 | 14 | 852 | 68797 | 19 | 27 | 03 | 1 |
| 439 | AMCHITKA | 101 | 42 | | | | | | | *** | ***** | | | *** | ***** | | | 03 | 1 |
| 454 | LONGVIEW | | 5 | | | | | | | | | | | | | | | | |
| 485 | FORT GLENN | 026 | 07072 | 23 | 35 | 464 | 01015 | 23 | 39 | 975 | 32574 | 23 | 40 | 826 | 68995 | 23 | 49 | 04 | 1 |
| | BLOCK 72 | | | | | | | | | | | | | | | | | | |
| 202 | MIAMI | 051 | 27222 | 00 | | 517 | 18120 | 13 | 6 | 051 | 07999 | 08 | 17 | *** | ***** | | | 04 | 1 |
| 208 | CHARLESTON | 039 | 25221 | 23 | 11 | 505 | 18154 | 25 | 21 | 045 | 09054 | 25 | 17 | 937 | 56584 | 26 | 11 | 03 | 1 |
| 211 | TAMPA | 052 | 27232 | 25 | 8 | 517 | 17122 | 18 | 14 | 050 | 07562 | 23 | 11 | 937 | 57654 | | | 03 | 1 |
| 219 | ATLANTA | 035 | | | | 500 | 18153 | 25 | 13 | 038 | 09056 | 27 | 16 | 933 | 54618 | 26 | 17 | 03 | 1 |
| 231 | NEW ORLEANS | 035 | 25235 | 20 | 8 | 502 | 19141 | 23 | 14 | 042 | 10038 | 24 | 14 | 940 | 54592 | 20 | 10 | 03 | 1 |
| 240 | LAKE CHARLES | 033 | 24231 | 18 | 6 | 499 | 19148 | 24 | 10 | 037 | 09068 | 07 | 4 | 930 | 55578 | | | 03 | 1 |
| 250 | BROWNSVILLE | 031 | 27242 | | | 499 | 20098 | | | 040 | 10014 | 12 | 1 | 931 | 55686 | 09 | 5 | 03 | 1 |
| 253 | SAN ANTONIO | 035 | | | | 500 | 21132 | 34 | 4 | 041 | 10030 | 04 | 10 | 933 | 55563 | 33 | 10 | 03 | 1 |
| 256 | WACO | | | | | | | | | | | | | | | | | | |
| 265 | BIG SPRING | 031 | | | | 500 | 19138 | 10 | 15 | 039 | 07037 | 04 | 12 | 929 | 55627 | 36 | 24 | 03 | 1 |
| 270 | EL PASO | 023 | | | | 492 | 26154 | 11 | 6 | 042 | 13087 | 03 | 19 | 943 | 56612 | 01 | 16 | 03 | 1 |
| 278 | PHOENIX | 003 | | | | 492 | 32067 | 31 | 8 | 049 | 16026 | 02 | 7 | 949 | 57606 | | | 03 | 1 |
| 304 | HATTERAS | 030 | 25232 | 27 | 12 | 497 | 19157 | 25 | 23 | 037 | 10051 | 27 | 18 | 932 | 54657 | 30 | 21 | 03 | 1 |
| 317 | GREENSBORO | 030 | | | | 496 | 18161 | 21 | 8 | 035 | 08051 | 28 | 15 | 925 | 54577 | 27 | 24 | 03 | 1 |
| 327 | NASHVILLE | 029 | | | | 495 | 17144 | 32 | 8 | 030 | 08524 | 25 | 10 | 922 | 56996 | 28 | 12 | 03 | 1 |
| 340 | LITTLE ROCK | 032 | 26235 | 00 | | 499 | 18995 | 34 | 14 | 038 | 09562 | 31 | 8 | 928 | 55689 | 28 | 10 | 03 | 1 |
| 353 | OKLAHOMA CTY | 032 | | | | 504 | 21104 | 16 | 10 | 045 | 09995 | 24 | 6 | 931 | 57671 | 31 | 30 | 03 | 1 |
| 365 | ALBUQUERQUE | 008 | | | | 490 | | | | 046 | 16034 | 07 | 5 | 944 | 57607 | 32 | 22 | 03 | 1 |
| 386 | LAS VEGAS | 001 | | | | 491 | 32093 | 31 | 2 | 049 | 16013 | 28 | 7 | 944 | 56707 | 35 | 7 | 03 | 1 |
| 394 | SANTA MARIA | 037 | 14117 | 29 | 9 | 502 | 25002 | 02 | 14 | 049 | 13589 | 16 | 7 | 947 | 54697 | 15 | 13 | 03 | 1 |
| 405 | WASHINGTON | 031 | 22211 | 36 | 5 | 493 | 16157 | 16 | 5 | 028 | 07027 | | | 909 | 57659 | | | 03 | 1 |
| 445 | COLUMBIA | 030 | | | | 491 | 15127 | 34 | 2 | 025 | 08581 | 29 | 10 | 908 | 60671 | 28 | 26 | 03 | 1 |
| 451 | DODGE CITY | 041 | | | | 506 | 17116 | 04 | 3 | 044 | 09529 | 34 | 15 | 930 | 58725 | 32 | 17 | 03 | 1 |
| 476 | GRAND JUNC | 010 | | | | 494 | 30045 | 36 | 5 | 050 | 15519 | 34 | 8 | 946 | 57675 | 33 | 18 | 03 | 1 |
| 486 | ELY | 012 | | | | 493 | | | | 049 | 17523 | 29 | 3 | 948 | 58631 | 28 | 16 | 03 | 1 |
| 493 | OAKLAND | 040 | 13093 | 28 | 10 | 501 | 24027 | 22 | 14 | 048 | 13562 | 22 | 8 | 944 | 55659 | 19 | 16 | 03 | 1 |
| 506 | NANTUCKET | 035 | 17166 | 10 | 3 | 492 | 14117 | 11 | 6 | 025 | 10530 | | | *** | ***** | | | 03 | 1 |
| 518 | ALBANY | 034 | 20089 | 02 | 15 | 492 | 14071 | 16 | 2 | 019 | 03534 | 26 | 19 | 889 | 62652 | | | 03 | 1 |
| 520 | PITTSBURGH | 029 | | | | 490 | 16115 | | | 022 | 05616 | | | 899 | 58736 | | | 05 | 1 |
| 528 | BUFFALO | 038 | | | | 493 | 13064 | 31 | 7 | 021 | 03004 | 27 | 11 | 893 | 63673 | | | 03 | 1 |
| 534 | CHICAGO | 038 | | | | 493 | 14087 | 36 | 6 | 022 | 04009 | 28 | 10 | 902 | 60991 | | | 03 | 1 |
| 536 | TOLEDO | 035 | | | | 491 | 14099 | 30 | 2 | 020 | 04009 | 28 | 13 | 898 | 60997 | | | 03 | 1 |
| 553 | OMAHA | 042 | | | | 502 | 13103 | 05 | 15 | 029 | 05019 | | | 909 | 60747 | | | 03 | 1 |
| 562 | N PLATTE | 038 | | | | 502 | 16082 | 16 | 10 | 034 | 07001 | | | 911 | 60713 | | | 03 | 1 |
| 576 | LANDER | 025 | | | | 499 | | | | 045 | 11017 | 09 | 4 | 929 | 61717 | 30 | 22 | 03 | 1 |
| 597 | MEDFORD | 018 | | | | 495 | 24072 | 30 | 18 | 039 | 10025 | 12 | 6 | 924 | 60990 | 22 | 24 | 03 | 1 |
| 600 | SABLE ISLAND | 036 | 14140 | | | 489 | 14112 | | | 019 | 04559 | | | 897 | 58004 | | | 03 | 1 |
| 606 | PORTLAND | 040 | 18163 | 16 | 4 | 495 | 12087 | 06 | 8 | 022 | 03005 | | | 899 | 60661 | | | 03 | 1 |
| 655 | ST CLOUD | 042 | | | | 499 | 15042 | | | 028 | 03526 | 34 | 10 | 897 | 62722 | 30 | 23 | 03 | 1 |
| 662 | RAPID CITY | 038 | | | | 498 | 17071 | 33 | 7 | 032 | 06010 | 34 | 21 | 908 | 60664 | 32 | 27 | 03 | 1 |
| 681 | BOISE | 016 | | | | 497 | 27029 | 10 | 10 | 045 | 13512 | 28 | 17 | *** | ***** | | | 03 | 1 |
| 712 | CARIBOU | 040 | | | | 490 | 09536 | 34 | 7 | 007 | 50999 | 28 | 16 | 866 | 64996 | 25 | 43 | 03 | 1 |
| 734 | SAULT MARIE | 037 | | | | 492 | 11064 | 26 | 12 | 013 | 50584 | 31 | 13 | 872 | 65998 | 30 | 26 | 03 | 1 |
| 747 | INTL FALLS | 034 | | | | 488 | 14041 | 31 | 9 | 014 | 02523 | 30 | 18 | 879 | 63724 | 31 | 27 | 03 | 1 |
| 764 | BISMARCK | 036 | | | | 499 | 16051 | 24 | 9 | 030 | 04598 | 32 | 7 | 906 | 61763 | 33 | 19 | 03 | 1 |
| 768 | GLASGOW | 026 | | | | 496 | 21085 | 09 | 2 | 034 | 06011 | | | 910 | 61775 | | | 03 | 1 |
| 775 | GREAT FALLS | 026 | | | | 500 | 24053 | 04 | 7 | 042 | 08507 | 27 | 10 | 920 | 61762 | 30 | 10 | 03 | 1 |
| 785 | SPOKANE | 025 | | | | 501 | 24048 | 21 | 6 | 044 | 09551 | 29 | 3 | 928 | 59762 | 26 | 18 | 03 | 1 |
| 798 | TATOOSH IS | 043 | 11096 | 25 | 11 | 499 | 17027 | 24 | 7 | 033 | 06525 | 20 | 18 | 906 | 61772 | 21 | 35 | 03 | 1 |
| 807 | ARGENTIA | 043 | 10084 | | | 492 | 10557 | | | 014 | 52999 | | | *** | ***** | | | 03 | 1 |
| 815 | STEPHENVILLE | 035 | 13128 | 00 | | 479 | | | | 995 | 01994 | 26 | 16 | 862 | 62993 | 26 | 49 | 03 | 1 |
| 816 | GOOSE | 032 | 13074 | 23 | 2 | 472 | 04002 | 31 | 12 | 979 | 57601 | 26 | 25 | 819 | 71995 | 24 | 28 | 03 | 1 |
| 826 | NITCHEQUON | 016 | | | | 459 | 08505 | | | 975 | 55586 | | | *** | ***** | | | 03 | 1 |
| 836 | MOOSONEE | 039 | 05048 | | | 472 | 05015 | | | 986 | 54564 | | | 829 | 70752 | | | 03 | 1 |
| 867 | THE PAS | 002 | | | | 479 | 14052 | | | 011 | 02540 | | | 876 | 63772 | | | 03 | 1 |
| 879 | EDMONTON | 019 | | | | 491 | 21043 | 03 | 13 | 029 | 06009 | 29 | 4 | 905 | 62650 | 29 | 33 | 03 | 1 |
| 896 | PRINCE GEORG | 027 | | | | 491 | 16054 | 35 | 8 | 022 | 04512 | 20 | 23 | 890 | 63791 | 22 | 29 | 03 | 1 |
| 906 | FT CHIMO | 015 | 12064 | 00 | | 454 | 02501 | 20 | 5 | 959 | 07609 | | | 796 | 63793 | | | 03 | 1 |
| 907 | PORT HARRISN | 019 | 02012 | | | 445 | 53548 | | | 941 | 61635 | | | 760 | 79831 | | | 03 | 1 |
| 913 | CHURCHILL | 038 | 11036 | 35 | 14 | 469 | 00532 | 30 | 21 | 975 | 59991 | 32 | 25 | 805 | 74998 | 33 | 38 | 03 | 1 |
| 915 | CORAL HARBOR | 005 | | | | 431 | 54541 | | | 927 | 62642 | | | 746 | 78800 | | | 03 | 1 |
| 917 | EUREKA | 060 | 11087 | 20 | 3 | 498 | 01509 | 18 | 15 | 001 | 56591 | 18 | 17 | 844 | 71796 | 15 | 10 | 03 | 1 |
| 924 | RESOLUTE | 045 | 04012 | 00 | | 475 | 50523 | 08 | 11 | 979 | 55693 | 08 | 8 | 819 | 72822 | 12 | 3 | 03 | 1 |
| 926 | BAKER LAKE | 101 | 59 | | | | | | | *** | ***** | | | *** | ***** | | | 03 | 1 |
| 934 | FT SMITH | 025 | | | | 488 | 16084 | | | 020 | 03509 | | | 888 | 63672 | | | 03 | 1 |
| 938 | COPPERMINE | 028 | 05013 | | | 475 | 11016 | | | 998 | 01556 | | | 866 | 62713 | | | 02 | 1 |
| 945 | FORT NELSON | 026 | | | | 481 | 14014 | | | 006 | 01573 | | | 870 | 62754 | | | 03 | 1 |
| 964 | WHITEHORSE | 039 | | | | 492 | 08013 | 25 | 3 | 999 | 54556 | 03 | 2 | 843 | 71783 | 14 | 10 | 03 | 1 |
| 968 | AKLAVIK | 045 | 10055 | | | 487 | 07052 | | | 002 | 50548 | | | 861 | 65745 | | | 03 | 1 |
| | BLOCK 74 | | | | | | | | | | | | | | | | | | |
| 043 | NORMAN WELLS | 038 | 15143 | | | 487 | 10051 | | | 009 | 03523 | | | 872 | 67791 | | | 03 | 1 |
| 072 | MOULD BAY | 045 | 05522 | | | 475 | 50568 | | | 980 | 54677 | | | 816 | 69814 | | | 03 | 1 |
| 074 | ISACHSEN | 054 | 06023 | | | 486 | 00556 | | | 992 | 56736 | | | 830 | 73843 | | | 03 | 1 |
| 090 | CLYDE RIVER | 049 | 03505 | 00 | | 481 | 00563 | 22 | 7 | 986 | 56664 | 19 | 28 | *** | ***** | | | 03 | 1 |
| 109 | PORT HARDY | 047 | 14086 | | | 493 | 10066 | | | 018 | 02524 | | | 883 | 62664 | | | 03 | 1 |
| 188 | MINGAN L PT | 029 | 10064 | 02 | 6 | 466 | 03563 | 21 | 10 | 974 | 55994 | 28 | 16 | 815 | 60990 | 25 | 39 | 04 | 1 |
| | BLOCK 76 | | | | | | | | | | | | | | | | | | |
| 458 | MAZATLAN | 034 | 25241 | | | 479 | 17165 | | | 037 | 11056 | | | 930 | 56591 | | | 02 | 1 |
| 491 | C VICTORIA | 018 | | | | 492 | 21148 | | | 034 | 09027 | | | 929 | 55662 | | | 02 | 1 |
| 679 | TACUBAYA | 085 | | | | 494 | | | | 035 | 09054 | | | 924 | 56586 | | | 03 | 1 |
| | BLOCK 78 | | | | | | | | | | | | | | | | | | |
| 016 | KINDLEY FLD | 061 | 25200 | 22 | 11 | 523 | 16098 | 20 | 14 | 056 | 07551 | 18 | 11 | *** | ***** | | | 03 | 1 |
| 325 | HAVANA C B | 048 | 26224 | 10 | 7 | 503 | 17147 | 07 | 7 | 042 | 09007 | 08 | 17 | *** | ***** | | | 04 | 1 |
| 501 | SWAN ISLAND | 041 | 26223 | | | 506 | 18141 | | | 043 | 09034 | | | 932 | 56663 | | | 03 | 1 |
| 525 | SAN JUAN | 051 | 24227 | 11 | 11 | 514 | 16126 | 11 | 15 | 050 | 08033 | 08 | 3 | *** | ***** | | | 03 | 1 |
| 862 | COOLIDGE FLD | 049 | 26249 | 10 | 13 | 517 | 20172 | 10 | 23 | 069 | 11099 | 06 | 16 | 954 | 54997 | 08 | 14 | 03 | 1 |
| 967 | CHAGUARAMAS | 043 | 23227 | | | 508 | 19171 | | | 045 | 08063 | | | 928 | 57639 | | | 03 | 1 |
| 972 | WALLER FIELD | 042 | 23227 | 06 | 9 | 504 | 16141 | 08 | 30 | 037 | 06018 | 04 | 17 | 921 | 57686 | 07 | 21 | 03 | 1 |
| | BLOCK 91 | | | | | | | | | | | | | | | | | | |
| 066 | MIDWAY ISL | 065 | 25210 | 08 | 14 | 526 | 16124 | | | 060 | 09594 | | | 948 | 57741 | | | 03 | 1 |
| 182 | HONOLULU | 049 | 23163 | 06 | 20 | 508 | 14125 | 06 | 18 | 045 | 10996 | 09 | 15 | 944 | 53998 | 07 | 11 | 03 | 1 |
| 245 | WAKE ISLAND | 042 | 25225 | 08 | 13 | 507 | 18119 | 11 | 29 | 046 | 08035 | 11 | 19 | 930 | 58628 | 18 | 9 | 03 | 1 |
| 275 | JOHNSON IS | 045 | 25228 | 07 | 18 | 507 | 15135 | 09 | 26 | 041 | 07019 | 13 | 21 | 934 | 52997 | 09 | 15 | 03 | 1 |
| | BLOCK 98 | | | | | | | | | | | | | | | | | | |
| 327 | CLARK FIELD | 027 | | | | 497 | 20133 | 34 | 8 | 037 | 10019 | 22 | 5 | 935 | 53631 | 27 | 4 | 03 | 1 |
| 645 | CEBU | 032 | 29240 | | | 502 | 17129 | | | 038 | 10034 | | | 931 | 54626 | | | 03 | 8 |
| QLL | OCEAN STA | | | | | | | | | | | | | | | | | | |
| 034 | 0 355 400 | 061 | 23191 | 22 | 17 | 520 | 13067 | 22 | 18 | 049 | 06643 | 22 | 13 | 928 | 59681 | 26 | 11 | 03 | 9 |
| 035 | 0 340 520 | 065 | 23204 | 31 | 12 | 524 | 15082 | 31 | 10 | 057 | 07511 | 31 | 17 | 940 | 58641 | 32 | 18 | 03 | 9 |
| 037 | 0 360 700 | 040 | 25235 | 21 | 30 | 503 | 16123 | 23 | 26 | 039 | 08027 | 23 | 26 | 914 | 56651 | 22 | 17 | 03 | 9 |
| 041 | 0 450 160 | 111 | 17152 | | | 480 | 08070 | | | 059 | 00524 | | | 696 | 63700 | | | 02 | 8 |
| 044 | 0 450 450 | 047 | 17178 | 15 | 16 | 501 | 12113 | 16 | 10 | 028 | 03011 | 18 | 10 | 900 | 61741 | 28 | 16 | 03 | 9 |
| 053 | 0 527 355 | 073 | 09067 | 14 | 12 | 511 | 08637 | 15 | 12 | 031 | 01606 | 17 | 12 | 893 | 67804 | 21 | 14 | 03 | 9 |
| 054 | 0 503 418 | 057 | 14136 | 18 | 10 | 507 | 09088 | 11 | 10 | 028 | 01787 | 32 | 9 | 890 | 65820 | 30 | 18 | 03 | 9 |
| 055 | 0 565 510 | 048 | 08081 | | | 490 | 07048 | | | 007 | 51546 | | | 861 | 65707 | | | 04 | 9 |
| 062 | 0 600 196 | 071 | 46400 | 33 | 3 | 500 | 41140 | 30 | 6 | 018 | 31910 | 02 | 16 | 875 | 03620 | 01 | 17 | 02 | 2 |
| 063 | 0 620 330 | 063 | 05046 | | | 503 | 08529 | | | 021 | 50634 | 25 | 7 | 879 | 66995 | 35 | 7 | 04 | 9 |
| 134 | 1 300 400 | 056 | 18164 | 02 | 18 | 507 | 13049 | 04 | 13 | 039 | 06607 | 02 | 13 | 919 | 58995 | 04 | 7 | 03 | 9 |
| 144 | 1 490 480 | 073 | 10081 | 30 | 16 | 512 | 04006 | 31 | 43 | 029 | 00548 | 32 | 35 | 894 | 64671 | 31 | 58 | 03 | 9 |
| 223 | 2 286 345 | 038 | 26 | | | 497 | 19 | | | 043 | 12*** | | | 938 | 52*** | | | 02 | 1 |
| 235 | 2 385 531 | 022 | 19 | | | 047 | 14 | | | 011 | 12*** | | | 910 | 53*** | | | 03 | 1 |
| 246 | 2 440 650 | 030 | 13121 | 13 | 10 | 469 | 12111 | 17 | 15 | 008 | 05031 | 22 | 27 | 888 | 57618 | 25 | 17 | 03 | 9 |
| 360 | 3 660 020 | 168 | 06037 | 03 | 16 | 500 | 01007 | 02 | 18 | 033 | 53581 | 35 | 23 | 620 | 69738 | 34 | 44 | 03 | 5 |

# RADIOSONDE AND RAWINSONDE DATA— Continued

| Index No. iii | 300 mb. hhh | TTTTT ddx | dd | ff | 200 mb. hhh | TTTTT ddx | dd | ff | 100 mb. hhh | TTTTT ddx | dd | ff | Hour GG | Code Type |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 06 | | | | | | | | | | | | | | |
| 260 | 938 | 89 | | | 207 | 03 | | | | | | | 03 | 8 |
| 447 | 418 | 88981 | | | 097 | 05 0 | | | 598 | 01**0 | | | 03 | 8 |
| 610 | 540 | 87975 | 25 | 30 | 250 | 98 1 | 25 | 30 | | | | | 05 | 5 |
| 07 | | | | | | | | | | | | | | |
| 110 | 927 | 93 1 | 24 | 25 | 198 | 95 4 | | | | | | | 02 | 5 |
| 145 | 929 | 91 0 | | | 205 | 05 1 | | | 658 | 05**4 | | | 02 | 8 |
| 190 | 951 | 88967 | | | 213 | 06 1 | | | | | | | 03 | 8 |
| 480 | 949 | 90 4 | | | 217 | 02 4 | | | | | | | 02 | 8 |
| 510 | 948 | 87910 | 73 | 26 | 218 | 00 7 | | | 662 | 05**7 | | | 02 | 5 |
| 645 | 951 | 95 4 | | | 213 | 07 7 | | | | | | | 02 | 8 |
| 08 | | | | | | | | | | | | | | |
| 509 | 137 | 85899 | 28 | 32 | 008 | 09993 | 27 | 55 | | | | | 03 | 1 |
| 521 | 972 | 83946 | | | 245 | 01990 | | | 671 | 17998 | | | 14 | 8 |
| 536 | 962 | 86996 | | | 231 | 01998 | | | 670 | 12992 | | | 14 | 8 |
| 10 | | | | | | | | | | | | | | |
| 384 | 935 | 92996 | 25 | 20 | 202 | 98990 | | | 655 | 00998 | | | 03 | 5 |
| 633 | 947 | 89995 | 25 | 56 | 214 | 06993 | | | | | | | 03 | 5 |
| 866 | 952 | 87998 | 27 | 42 | 219 | 07991 | 27 | 36 | | | | | 03 | 5 |
| 11 | | | | | | | | | | | | | | |
| 030 | 101 | 43 | | | | | | | | | | | 03 | 5 |
| 567 | 957 | 85994 | | | 229 | 02990 | | | | | | | 06 | 5 |
| 40 | | | | | | | | | | | | | | |
| 427 | 211 | 88470 | 01 | 30 | 135 | 47 0 | 10 | 26 | 584 | 97**0 | 09 | 45 | 14 | 2 |
| 648 | 194 | 92530 | | | | | | | | | | | 02 | 7 |
| 42 | | | | | | | | | | | | | | |
| 182 | 991 | 67 | | | | | | | | | | | 15 | 8 |
| 339 | 974 | 75 | | | 255 | 97 | | | | | | | 15 | 8 |
| 807 | 101 | 50 | | | | | | | | | | | 15 | 8 |
| 867 | 969 | 76 | | | 251 | 96 | | | | | | | 15 | 8 |
| 909 | 101 | 50 | | | | | | | | | | | 14 | 8 |
| 43 | | | | | | | | | | | | | | |
| 063 | 963 | | | | 247 | 98 | | | | | | | 14 | 8 |
| 149 | 961 | 88 | | | 235 | 03 | | | | | | | 14 | 8 |
| 279 | 971 | 76 | | | | | | | | | | | 14 | 8 |
| 371 | 965 | 79 | | | 242 | 01 | | | | | | | 15 | 8 |
| 45 | | | | | | | | | | | | | | |
| 007 | 101 | 50 | | | | | | | | | | | 22 | 8 |
| 47 | | | | | | | | | | | | | | |
| 412 | 178 | 77902 | | | 093 | 99990 | | | | | | | 03 | 1 |
| 580 | 216 | 76991 | 29 | 58 | 135 | 99993 | 30 | 87 | | | | | 03 | 1 |
| 590 | 199 | 79831 | | | 111 | 98990 | | | 534 | 11993 | | | 04 | 1 |
| 635 | 193 | 80997 | 28 | 9 | | | | | | | | | 03 | 1 |
| 646 | 228 | 78872 | | | 151 | 94994 | | | 630 | 03993 | | | 03 | 1 |
| 671 | 191 | 82997 | | | 089 | 03998 | | | | | | | 03 | 1 |
| 744 | 196 | 72831 | | | 130 | 94992 | | | 510 | 14994 | | | 03 | 1 |
| 778 | 251 | 72884 | | | 193 | 90065 | | | 674 | 08994 | | | 03 | 1 |
| 808 | 229 | 75992 | 18 | 17 | 150 | 97998 | 18 | 23 | 564 | 11992 | | | 03 | 1 |
| 827 | 194 | 78908 | 13 | 22 | 117 | 89998 | | | | | | | 03 | 1 |
| 60 | | | | | | | | | | | | | | |
| 120 | 101 | 43 | | | | | | | | | | | 03 | 6 |
| 390 | 964 | 88984 | | | | | | | | | | | 02 | 5 |
| 61 | | | | | | | | | | | | | | |
| 642 | 962 | 83964 | 12 | 16 | 234 | 04 4 | 09 | 11 | *** | *6591 | 80 | 1 | 07 | 5 |
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| 053 | 150 | 61410 | | | 041 | 48 0 | | | 452 | 07000 | | | 02 | 7 |
| 366 | 101 | 43 | | | | | | | | | | | 03 | 5 |
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| 026 | 065 | 91998 | 29 | 3 | 928 | 09993 | 27 | 18 | | | | | 03 | 1 |
| 133 | 067 | 89000 | | | | 08991 | | | 412 | 96992 | | | 03 | 1 |
| 200 | 023 | 91996 | | | 890 | 04996 | | | | | | | 03 | 1 |
| 204 | 970 | 95996 | | | 855 | 92999 | | | | | | | 03 | 1 |
| 219 | 034 | 91994 | | | 907 | 00994 | | | 417 | 95992 | | | 03 | 1 |
| 231 | 070 | 92995 | 15 | 7 | | | | | | | | | 03 | 1 |
| 261 | 055 | 93996 | 02 | 36 | 917 | 03995 | 02 | 35 | 408 | ***** | | | 03 | 1 |
| 273 | 065 | 91997 | 36 | 29 | 930 | 07997 | 01 | 26 | | | | | 03 | 1 |
| 291 | 040 | 96990 | | | 912 | 96991 | | | 424 | 95999 | | | 03 | 1 |
| 316 | 101 | 42 | | | | | | | | | | | 04 | 1 |
| 350 | 082 | 90992 | | | 947 | 98999 | | | | | | | 03 | 1 |
| 361 | 012 | 98997 | 10 | 16 | 889 | 95993 | 06 | 10 | 402 | 96994 | 10 | 5 | 03 | 1 |
| 381 | 063 | 96998 | | | 906 | 69997 | | | | | | | 03 | 1 |
| 398 | 036 | 94991 | | | | | | | | | | | 03 | 1 |
| 439 | 101 | 42 | | | | | | | | | | | 03 | 1 |
| 454 | 014 | 94955 | | | 902 | 92994 | | | 444 | 92997 | | | 03 | 1 |
| 485 | 012 | 82995 | | | 900 | 94993 | | | 436 | 91992 | | | 04 | 1 |
| 72 | | | | | | | | | | | | | | |
| 202 | 017 | 28231 | 00 | | 785 | 13068 | | | 620 | 01992 | | | 04 | 1 |
| 208 | 184 | 82882 | 29 | 16 | 078 | 04998 | 32 | 6 | | | | | 03 | 1 |
| 211 | 178 | 83948 | | | 064 | 07990 | | | 420 | 23996 | | | 03 | 1 |
| 219 | 189 | 80896 | | | 088 | 03991 | | | 462 | 24990 | | | 03 | 1 |
| 231 | 199 | 81851 | | | 096 | 04997 | | | | | | | 03 | 1 |
| 240 | 187 | 79837 | | | 091 | 02998 | | | 101 | 90*** | | | 03 | 1 |
| 250 | 189 | 81841 | 03 | 12 | 086 | 04994 | 05 | 12 | | | | | 03 | 1 |
| 253 | | | | | | | | | | | | | | |
| 256 | 189 | 81841 | 02 | 10 | 088 | 03996 | 36 | 7 | | | | | 03 | 1 |
| 265 | 182 | 79907 | 30 | 15 | 088 | 02998 | 29 | 20 | 454 | ***** | | | 03 | 1 |
| 270 | 880 | 24209 | 34 | 3 | 853 | 27152 | | | 677 | 12037 | | | 03 | 1 |
| 278 | 198 | 88994 | | | 094 | 03999 | | | 454 | ***** | | | 03 | 1 |
| 304 | 189 | 80851 | 25 | 10 | 090 | 03993 | 26 | 22 | 474 | ***** | | | 03 | 1 |
| 317 | 175 | 81863 | 25 | 36 | 069 | 04997 | 26 | 43 | | | | | 03 | 1 |
| 327 | 165 | 83961 | 27 | 41 | 054 | 06998 | 27 | 42 | | | | | 03 | 1 |
| 340 | 180 | 81996 | 26 | 25 | 076 | 03998 | 27 | 68 | | | | | 03 | 1 |
| 353 | 182 | 81997 | 28 | 41 | 077 | 03995 | 28 | 52 | | | | | 03 | 1 |
| 365 | 198 | 81992 | 30 | 14 | 102 | 02991 | 28 | 38 | | | | | 03 | 1 |
| 386 | 183 | 84998 | | | 070 | 06992 | | | 422 | ***** | | | 03 | 1 |
| 394 | 195 | 83994 | 19 | 20 | 089 | 03991 | 22 | 35 | | | | | 03 | 1 |
| 405 | 155 | 81994 | | | 051 | 03993 | | | 451 | 20995 | | | 03 | 1 |
| 445 | 134 | 87998 | 26 | 38 | 018 | 04998 | 26 | 44 | 430 | ***** | | | 03 | 1 |
| 451 | 168 | 83894 | | | 062 | 03998 | | | | | | | 03 | 1 |
| 476 | 190 | 83999 | 31 | 41 | 087 | 08990 | 30 | 85 | 487 | ***** | | | 03 | 1 |
| 486 | 187 | 83996 | | | 077 | 04990 | | | 455 | ***** | | | 03 | 1 |
| 493 | 187 | 83932 | 22 | 29 | 081 | 04991 | | | 471 | 18995 | | | 03 | 1 |
| 506 | 101 | 50 | | | | | | | | | | | 03 | 1 |
| 518 | 113 | 84998 | | | 001 | 04991 | | | 428 | 11997 | | | 03 | 1 |
| 520 | 135 | 85981 | | | | | | | | | | | 05 | 1 |
| 528 | 103 | 89998 | | | 986 | | | | | | | | 03 | 1 |
| 534 | 123 | 88922 | | | 997 | 05993 | | | 424 | 11997 | | | 03 | 1 |
| 536 | 121 | 87957 | | | 995 | 05993 | | | 416 | 73998 | | | 03 | 1 |
| 553 | 130 | 88984 | | | 010 | 03995 | | | 435 | ***** | | | 03 | 1 |
| 562 | 139 | 86902 | | | 020 | 07992 | | | | | | | 03 | 1 |
| 576 | 154 | 88997 | | | | | | | | | | | 03 | 1 |
| 597 | 153 | 86906 | 23 | 68 | 033 | 05997 | | | | | | | 03 | 1 |
| 600 | 136 | 82993 | | | 035 | 00994 | | | | | | | 03 | 1 |
| 606 | 130 | 85993 | | | 022 | 99999 | | | 450 | 15998 | | | 03 | 1 |
| 655 | 109 | 90993 | 32 | 33 | 978 | 07991 | 30 | 30 | | | | | 03 | 1 |
| 662 | 129 | 88972 | | | 012 | 04993 | | | | | | | 03 | 1 |
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| 712 | 073 | 91993 | 24 | 60 | 946 | 03995 | | | 381 | ***** | | | 03 | 1 |
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| 764 | 120 | 91992 | 34 | 18 | 988 | 08990 | 34 | 28 | 430 | 06992 | 33 | 30 | 03 | 1 |
| 768 | 124 | 90994 | | | 993 | 08995 | | | | | | | 03 | 1 |
| 775 | 141 | 89004 | 30 | 19 | 011 | 07995 | | | 438 | 08996 | | | 03 | 1 |
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| 798 | 122 | 89008 | 22 | 46 | 998 | | | | | | | | 03 | 1 |
| 807 | 101 | 50 | | | | | | | | | | | 03 | 1 |
| 815 | 086 | 85990 | | | | | | | | | | | 03 | 1 |
| 816 | 989 | 98990 | | | | | | | | | | | 03 | 1 |
| 826 | 101 | 50 | | | | | | | | | | | 03 | 1 |
| 836 | 007 | 96992 | | | 869 | 98999 | | | 367 | 00991 | | | 03 | 1 |
| 867 | 092 | 88990 | | | 969 | 05990 | | | | | | | 03 | 1 |
| 879 | 123 | 89990 | 27 | 85 | 989 | 10996 | 26 | 25 | 428 | 04994 | 31 | 25 | 03 | 1 |
| 896 | 090 | 89994 | 21 | 39 | 982 | 96997 | 21 | 42 | 514 | 01997 | 27 | 32 | 03 | 1 |
| 906 | 964 | 97998 | | | 821 | 01994 | | | | | | | 03 | 1 |
| 907 | 898 | 94990 | | | 799 | 91997 | | | 384 | 96994 | | | 03 | 1 |
| 913 | 957 | 00994 | 35 | 30 | 841 | | 33 | 85 | 353 | 95999 | | | 03 | 1 |
| 915 | 891 | 92990 | | | 802 | 89991 | | | 344 | 93992 | | | 03 | 1 |
| 917 | 101 | 50 | | | | | | | | | | | 03 | 1 |
| 924 | 984 | 00994 | 17 | 20 | 867 | 91994 | 03 | 4 | 399 | 93991 | 07 | 9 | 03 | 1 |
| 926 | 101 | 59 | | | | | | | | | | | 03 | 1 |
| 934 | 104 | 90995 | | | 967 | 09991 | | | 434 | 00990 | | | 03 | 1 |
| 938 | 083 | 89996 | | | 954 | 08992 | | | 442 | 95996 | | | 02 | 1 |
| 945 | 091 | 87998 | | | 975 | 03991 | | | 461 | ***** | | | 03 | 1 |
| 964 | 015 | 88994 | 16 | 23 | 894 | 93990 | 15 | 6 | | | | | 03 | 1 |
| 968 | 063 | 90993 | | | 956 | 93993 | | | 495 | 90995 | | | 03 | 1 |
| 74 | | | | | | | | | | | | | | |
| 043 | 094 | 93997 | | | 965 | 08998 | | | 456 | 98999 | | | 03 | 1 |
| 072 | 008 | 95995 | | | | | | | | | | | 03 | 1 |
| 074 | 992 | 97394 | | | 886 | 92992 | | | | | | | 03 | 1 |
| 090 | 101 | 50 | | | | | | | | | | | 03 | 1 |
| 109 | 106 | 86917 | | | 997 | 00992 | | | 493 | ***** | | | 03 | 1 |
| 188 | 101 | 50 | | | | | | | | | | | 04 | 1 |
| 76 | | | | | | | | | | | | | | |
| 458 | 184 | 81861 | | | 086 | 02897 | | | 453 | ***** | | | 02 | 1 |
| 491 | 188 | 80998 | | | 089 | 03992 | | | 450 | 30995 | | | 02 | 1 |
| 679 | 170 | 83866 | | | 064 | | | | | | | | 03 | 1 |
| 78 | | | | | | | | | | | | | | |
| 016 | | | | | | | | | | | | | 03 | 1 |
| 325 | | | | | | | | | | | | | 04 | 1 |
| 501 | 276 | 83891 | | | 064 | 06991 | | | 427 | 20999 | | | 03 | 1 |
| 525 | | | | | | | | | | | | | 03 | 1 |
| 862 | 223 | 76996 | 13 | 5 | 147 | | 26 | 7 | | | | | 03 | 1 |
| 967 | 101 | 50 | | | | | | | | | | | 03 | 1 |
| 972 | 165 | 84881 | 07 | 19 | 050 | 07994 | 25 | 18 | | | | | 03 | 1 |
| 91 | | | | | | | | | | | | | | |
| 066 | 185 | 84996 | | | 099 | 98990 | | | 510 | 15998 | | | 03 | 1 |
| 182 | 196 | 84942 | 32 | 11 | 086 | 04991 | 34 | 21 | 465 | 23994 | 06 | 11 | 03 | 1 |
| 245 | | | | | | | | | | | | | 03 | 1 |
| 275 | 188 | 82992 | 10 | 22 | 091 | 02991 | 07 | 12 | 477 | ***** | | | 03 | 1 |
| 98 | | | | | | | | | | | | | | |
| 327 | 202 | 78990 | 13 | 12 | 111 | 00998 | 10 | 30 | | | | | 03 | 1 |
| 645 | 182 | 81877 | | | 076 | 06990 | | | 438 | 22997 | | | 03 | 8 |
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| 034 | 152 | 89990 | 35 | 7 | 022 | 09991 | 04 | 14 | 423 | 11992 | 07 | 5 | 03 | 9 |
| 035 | 182 | 84901 | 36 | 21 | 070 | 06998 | 36 | 23 | 435 | 19992 | | | 03 | 9 |
| 037 | 163 | 82882 | 27 | 21 | 059 | 04997 | | | | | | | 03 | 9 |
| 041 | 937 | 91240 | | | | | | | | | | | 02 | 8 |
| 044 | 128 | 88973 | 31 | 23 | 000 | 08999 | 31 | 43 | 426 | 09994 | 28 | 8 | 03 | 9 |
| 053 | 077 | 95990 | 21 | 17 | 935 | 05999 | | | 402 | 03992 | | | 03 | 9 |
| 054 | 095 | 90998 | 16 | 9 | 958 | 07999 | 17 | 14 | | | | | 03 | 9 |
| 055 | 058 | 93995 | | | 916 | 04990 | | | 642 | ***** | | | 04 | 9 |
| 062 | 058 | 52 0 | 08 | 10 | | | | | | | | | 02 | 2 |
| 063 | 064 | 95995 | 28 | 12 | 922 | 03996 | 27 | 18 | 408 | 00990 | | | 04 | 9 |
| 134 | 147 | 87998 | | | 036 | 98999 | | | 450 | 16993 | | | 03 | 9 |
| 144 | 106 | 89994 | 80 | 13 | 974 | 10997 | | | 408 | 04993 | | | 03 | 9 |
| 223 | 225 | 71 | | | 174 | 88 | | | | | | | 02 | 1 |
| 235 | 156 | 88 | | | 052 | 01 | | | 501 | 05*** | | | 03 | 1 |
| 246 | 102 | 83994 | | | 998 | 01990 | | | 456 | 04990 | | | 03 | 9 |
| 360 | 924 | 93971 | 34 | 47 | 187 | 03998 | 34 | 47 | | | | | 03 | 5 |

# RADIOSONDE AND RAWINSONDE DATA
## SIGNIFICANT LEVELS

| Index No. iii | 1st. 5th. etc. Level PPP | TTTTT ddx | 2nd. 6th. etc. Level PPP | TTTTT ddx | 3rd. 7th. etc. Level PPP | TTTTT ddx | 4th. 8th. etc. Level PPP | TTTTT ddx | Hour GG | Code Type |
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| 447 | 002 | 16155 | 975 | 19181 | 248 | 97**5 | 197 | 05**5 | 03 | 8 |
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| 07 | | | | | | | | | | |
| 110 | 997 | 15154 | 980 | 15141 | 950 | 13122 | 847 | 09051 | 02 | 5 |
| 145 | 992 | 12122 | 970 | 21121 | 922 | 20101 | 655 | 54582 | 02 | 8 |
| 190 | 997 | 15113 | 974 | 20139 | 931 | 18111 | 857 | 13077 | 03 | 8 |
| 480 | 991 | 11113 | 955 | 22153 | 920 | 22136 | 830 | 21125 | 02 | 8 |
| 510 | 010 | 18145 | 900 | 15094 | 850 | 15085 | 765 | 09044 | 02 | 5 |
| 645 | 007 | 19155 | 971 | 23145 | 925 | 21168 | 815 | 14524 | 02 | 8 |
| 08 | | | | | | | | | | |
| 509 | 013 | 17152 | 972 | 16144 | 885 | 10097 | 857 | 10054 | 03 | 1 |
| 521 | 017 | 23175 | 890 | 1413 | 873 | 11514 | 864 | 18004 | 14 | 8 |
| 536 | 011 | 24147 | 832 | 09066 | 820 | 12024 | 653 | 07633 | 14 | 8 |
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| 384 | 006 | 18161 | 988 | 16153 | 975 | 16156 | 933 | 14131 | 03 | 5 |
| 633 | 000 | 14137 | 960 | 21159 | 900 | 18131 | 815 | 09057 | 03 | 5 |
| 866 | 955 | 15134 | 939 | 20114 | 898 | 18033 | 790 | 09069 | 03 | 5 |
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| 030 | 994 | 17167 | 915 | 18154 | 794 | 10064 | 630 | 51724 | 03 | 5 |
| 567 | 981 | 19164 | 915 | 17107 | 600 | 01591 | 262 | 92990 | 06 | 5 |
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| 648 | 999 | 7 410 | 939 | 83520 | 911 | 83480 | 856 | 76360 | 02 | 7 |
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| 339 | 971 | 29250 | 919 | 29220 | 567 | 06510 | 509 | 51600 | 15 | 8 |
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| 909 | 996 | 27250 | 966 | 27230 | 937 | 24210 | 566 | 04540 | 14 | 8 |
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| 149 | 991 | 27250 | 968 | 24240 | 200 | 02*** | | | 14 | 8 |
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| 744 | 014 | 26235 | 933 | 25201 | 880 | 22175 | 787 | 15117 | 03 | 1 |
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| 827 | 013 | 30229 | 720 | 09024 | 747 | 06511 | 600 | 03571 | 03 | 1 |
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| 133 | 008 | 24131 | 668 | 53565 | 605 | 55694 | 468 | 68847 | 03 | 1 |
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| 219 | 010 | 14120 | 757 | 51537 | 733 | 00551 | 686 | 50708 | 03 | 1 |
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| 261 | 996 | 24119 | 994 | 22101 | 824 | 07035 | 790 | 07570 | 03 | 1 |
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| 291 | 953 | 18107 | 932 | 16063 | 772 | 02505 | 543 | 64671 | 03 | 1 |
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| 361 | 020 | 12109 | 400 | 83917 | 362 | 89972 | 283 | 01995 | 03 | 1 |
| 381 | 019 | 17112 | | | | | | | 03 | 1 |
| 398 | 015 | 15096 | 693 | 56573 | 661 | 54587 | 470 | 71838 | 03 | 1 |
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| 485 | 007 | 08076 | 828 | 00000 | 776 | 01017 | 579 | 61758 | 04 | 1 |
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| 208 | 012 | 24237 | 973 | 25211 | 907 | 22166 | 400 | 67702 | 03 | 1 |
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| 231 | 012 | 25844 | 400 | 64688 | 254 | 90943 | 188 | 08993 | 03 | 1 |
| 240 | 011 | 24233 | 948 | 24211 | 400 | 64679 | 256 | 88935 | 03 | 1 |
| 250 | 010 | 27257 | 939 | 22198 | 880 | 22105 | 400 | 64824 | 03 | 1 |
| 253 | 985 | 23221 | 400 | 64678 | 256 | 89921 | 182 | 08996 | 03 | 1 |
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| 265 | 926 | 21219 | 911 | 24196 | 400 | 67753 | 250 | 89004 | 03 | 1 |
| 270 | 468 | 58657 | 461 | 59711 | 400 | 65795 | 326 | 76823 | 03 | 1 |
| 278 | 965 | 38131 | 957 | 42105 | 483 | 59628 | 462 | 59676 | 03 | 1 |
| 304 | 010 | 25245 | 975 | 25229 | 640 | 06007 | 536 | 52587 | 03 | 1 |
| 317 | 980 | 24234 | 605 | 01561 | 565 | 52562 | 545 | 51541 | 03 | 1 |
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| 386 | 932 | 36058 | 915 | 38134 | 555 | 52575 | 520 | 56626 | 03 | 1 |
| 394 | 005 | 15111 | 979 | 13101 | 966 | 18134 | 950 | 23012 | 03 | 1 |
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| 451 | 927 | 21153 | 915 | 22142 | 808 | 16108 | 659 | 06597 | 03 | 1 |
| 476 | 853 | 28022 | 848 | 31054 | 526 | 54647 | 460 | 60762 | 03 | 1 |
| 486 | 812 | 24084 | 806 | 27008 | 448 | 64693 | 400 | 68818 | 03 | 1 |
| 493 | 014 | 14105 | 987 | 11094 | 953 | 22520 | 924 | 23522 | 03 | 1 |
| 506 | 011 | 16165 | 983 | 19174 | 823 | 12089 | 796 | 12522 | 03 | 1 |
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| 520 | 967 | 21182 | 908 | 21152 | 782 | 11063 | 757 | 09517 | 05 | 1 |
| 528 | 988 | 17095 | 973 | 18109 | 933 | 17038 | 550 | 57623 | 03 | 1 |
| 534 | 993 | 17157 | 931 | 14125 | 915 | 17121 | 681 | 03505 | 03 | 1 |
| 536 | 990 | 19152 | 977 | 19155 | 916 | 16113 | 895 | 17125 | 03 | 1 |
| 553 | 980 | 22180 | 957 | 22151 | 728 | 04039 | 715 | 06036 | 03 | 1 |
| 562 | 920 | 20143 | 898 | 19099 | 599 | 51592 | 542 | 57624 | 03 | 1 |
| 576 | 833 | 21112 | 828 | 23095 | 630 | 04534 | 477 | 62782 | 03 | 1 |
| 597 | 963 | 32112 | 625 | 03521 | 600 | 00555 | 560 | 52706 | 03 | 1 |
| 600 | 013 | 12128 | 986 | 15155 | 933 | 14149 | 893 | 16161 | 03 | 1 |
| 606 | 012 | 18172 | 962 | 18159 | 923 | 16109 | 480 | 62676 | 03 | 1 |
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| 681 | 914 | 33113 | 907 | 33043 | 627 | 05546 | | | 03 | 1 |
| 712 | 992 | 15083 | 985 | 17046 | 970 | 18032 | 794 | 05572 | 03 | 1 |
| 734 | 988 | 13109 | 974 | 18124 | 954 | 19044 | 808 | 08045 | 03 | 1 |
| 747 | 970 | 15137 | 961 | 19167 | 944 | 19137 | 574 | 58623 | 03 | 1 |
| 764 | 956 | 21122 | 942 | 23101 | 834 | 14047 | 793 | 13601 | 03 | 1 |
| 768 | 938 | 25145 | 924 | 27115 | 662 | 01517 | 488 | 62797 | 03 | 1 |
| 775 | 889 | 26089 | 613 | 50555 | 544 | 56637 | 400 | 72856 | 03 | 1 |
| 785 | 931 | 31074 | 731 | 12001 | 637 | 05681 | 400 | 73844 | 03 | 1 |
| 798 | 012 | 12102 | 993 | 11091 | 975 | 16017 | 960 | 19068 | 03 | 1 |
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| 815 | 012 | 14126 | 757 | 01544 | 725 | 01644 | 682 | 01994 | 03 | 1 |
| 816 | 006 | 14070 | 625 | 62684 | 610 | 62782 | 550 | 66993 | 03 | 1 |
| 826 | 947 | 12077 | 791 | 02533 | 723 | 53569 | 685 | 56604 | 03 | 1 |
| 836 | 014 | 06059 | 976 | 03027 | 890 | 06037 | 592 | 62638 | 03 | 1 |
| 867 | 979 | 18114 | 917 | 18094 | 604 | 56601 | 584 | 56656 | 03 | 1 |
| 879 | 934 | 28086 | 739 | 11022 | | 50521 | 553 | 56578 | 03 | 1 |
| 896 | 935 | 24113 | 600 | 54607 | 564 | 56721 | 533 | 61742 | 03 | 1 |
| 906 | 002 | 12067 | 742 | 55559 | 620 | 62731 | 522 | 71763 | 03 | 1 |
| 907 | 005 | 02027 | 973 | 51511 | 570 | 70736 | 457 | 84897 | 03 | 1 |
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| 915 | 994 | 04022 | 940 | 50515 | 713 | 62632 | 695 | 61649 | 03 | 1 |
| 917 | 022 | 05016 | 724 | 56557 | 712 | 55537 | 628 | 59511 | 03 | 1 |
| 924 | 015 | 04021 | 985 | 04014 | 910 | 50512 | 895 | 01007 | 03 | 1 |
| 926 | | | | | | | | | | |
| 934 | 989 | 23117 | 925 | 21107 | 400 | 74803 | 209 | 10992 | 03 | 1 |
| 938 | 010 | 03017 | 934 | 15058 | 881 | 14042 | 808 | 08027 | 02 | 1 |
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| 964 | 935 | 15081 | 741 | 52533 | 612 | 60627 | 528 | 67796 | 03 | 1 |
| 968 | 015 | 10054 | 933 | 06016 | 880 | 07064 | 704 | 51546 | 03 | 1 |
| 74 | | | | | | | | | | |
| 043 | 003 | 15143 | 762 | 04506 | 673 | 02535 | 400 | 79911 | 03 | 1 |
| 072 | 015 | 03034 | 846 | 51570 | 820 | 50572 | 655 | 56705 | 03 | 1 |
| 074 | 017 | 06038 | 964 | 04013 | 944 | 04508 | 843 | 00561 | 03 | 1 |
| 090 | 018 | 03503 | 944 | 05001 | 915 | 05541 | 827 | 00573 | 03 | 1 |
| 109 | 015 | 15099 | 952 | 11056 | 933 | 12076 | 870 | 09068 | 03 | 1 |
| 188 | 009 | 10069 | 713 | 54744 | 400 | 79990 | 101 | 55*** | 04 | 1 |
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| 458 | 010 | 25242 | 760 | 12114 | 660 | 08006 | 574 | 01521 | 02 | 1 |
| 491 | 970 | 30221 | 900 | 26168 | 813 | 18134 | 766 | 14088 | 02 | 1 |
| 679 | 774 | 17124 | 728 | 10087 | 638 | 04021 | 474 | 59618 | 03 | 1 |
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| 016 | 021 | 26220 | | | | | | | 03 | 1 |
| 325 | 011 | 24218 | 994 | 27225 | 905 | 20184 | | | 04 | 1 |
| 501 | 013 | 26238 | 975 | 24219 | 529 | 55592 | 458 | 61734 | 03 | 1 |
| 525 | 016 | 25234 | | | | | | | 03 | 1 |
| 862 | 015 | 26227 | 968 | 26234 | 664 | 09175 | 578 | 00677 | 03 | 1 |
| 967 | 015 | 24226 | 600 | 00557 | 400 | 68740 | | | 03 | 1 |
| 972 | 010 | 24222 | 930 | 20119 | 652 | 03561 | 622 | 05337 | 03 | 1 |
| 91 | | | | | | | | | | |
| 066 | 021 | 27221 | 974 | 22194 | 845 | 16112 | 808 | 13083 | 03 | 1 |
| 182 | 017 | 25183 | 859 | 14122 | 845 | 14129 | 815 | 13114 | 03 | 1 |
| 245 | 014 | 26231 | 895 | 19174 | 786 | 16062 | 600 | 50514 | 03 | 1 |
| 275 | 015 | 27223 | 864 | 15144 | 847 | 15136 | 770 | 11017 | 03 | 1 |
| 98 | | | | | | | | | | |
| 327 | 991 | 30217 | 917 | 23199 | 785 | 16072 | 586 | 03556 | 03 | 1 |
| 645 | 006 | 29244 | 870 | 18144 | 773 | 15062 | 530 | 53596 | 03 | 8 |
| QLL | | OCEAN | STA | | | | | | | |
| 034 | 021 | 24208 | 918 | 16139 | 808 | 10076 | 760 | 08046 | 03 | 9 |
| 035 | 022 | 25222 | 670 | 05547 | 578 | 52561 | 446 | 62722 | 03 | 9 |
| 037 | 013 | 26248 | 944 | 21202 | 853 | 15121 | 844 | 17141 | 03 | 9 |
| 041 | 013 | 18160 | 940 | 13115 | 075 | 10094 | 705 | 04030 | 02 | 8 |
| 044 | 016 | 16169 | 986 | 18184 | 790 | 07066 | 766 | 08063 | 03 | 9 |
| 053 | 086 | 11082 | 876 | 01507 | 859 | 09623 | 719 | 02576 | 03 | 9 |
| 054 | 020 | 14133 | 961 | 15136 | 792 | 06058 | 748 | 03502 | 03 | 9 |
| 055 | 017 | 07075 | 960 | 09097 | 947 | 07065 | 915 | 11075 | 04 | 9 |
| 062 | 026 | 50410 | | | | | | | 02 | 2 |
| 063 | 023 | 07061 | 978 | 04031 | 895 | 11000 | 684 | 52613 | 04 | 9 |
| 134 | 019 | 19177 | 896 | 11108 | 817 | 13537 | 800 | 12029 | 03 | 9 |
| 144 | 026 | 11099 | 950 | 06054 | 924 | 07055 | 774 | 04542 | 03 | 9 |
| 223 | 013 | 26 | 919 | 21 | 764 | 15*** | 619 | 05*** | 02 | 1 |
| 235 | 008 | 19 | 731 | 14 | 593 | 05*** | 471 | 60*** | 03 | 1 |
| 246 | 010 | 12127 | 920 | 15150 | 778 | 09072 | 595 | 50533 | 03 | 9 |
| 360 | 021 | 08044 | 900 | 52531 | 884 | 52525 | 765 | 00534 | 03 | 5 |

# RADIOSONDE AND RAWINSONDE DATA
## SIGNIFICANT LEVELS

| Index No. iii | 1st. 5th. etc. Level PPP | TTTTT ddx | 2nd. 6th. etc. Level PPP | TTTTT ddx | 3rd. 7th. etc. Level PPP | TTTTT ddx | 4th. 8th. etc. Level PPP | TTTTT ddx | Hour GG | Code Type |
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| 07 | | | | | | | | | | |
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| 145 | 582 | 60621 | 556 | 60041 | 484 | 07714 | 426 | 72778 | 02 | 8 |
| 190 | 781 | 07031 | 736 | 03011 | 645 | 03521 | 607 | 00629 | 03 | 8 |
| 480 | 779 | 12004 | 750 | 11542 | 550 | 58721 | 465 | 66783 | 02 | 8 |
| 510 | 721 | 04505 | 690 | 02514 | 612 | 55583 | 522 | 61642 | 02 | 5 |
| 645 | 797 | 12542 | 784 | 12541 | 772 | 10562 | 732 | 06604 | 02 | 8 |
| 08 | | | | | | | | | | |
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| 521 | 842 | 18551 | 784 | 15535 | 754 | 14584 | 557 | 53724 | 14 | 8 |
| 536 | 622 | 03675 | 580 | 00994 | 534 | 55735 | 434 | 67826 | 14 | 8 |
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| 633 | 787 | 07037 | 754 | 07021 | 687 | 00635 | 670 | 01994 | 03 | 5 |
| 866 | 705 | 04521 | 672 | 02625 | 589 | 53732 | 400 | 73793 | 03 | 5 |
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| 567 | 238 | 94990 | 195 | 03991 | 162 | 02998 | 150 | 01993 | 06 | 5 |
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| 648 | 830 | 80261 | 754 | 72060 | 721 | 72260 | 494 | 19960 | 02 | 7 |
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| 182 | | | | | | | | | | |
| 339 | 451 | 87 | 211 | 95 | 176 | 00000 | | | 15 | 8 |
| 807 | | | | | | | | | | |
| 867 | | | | | | | | | | |
| 909 | 527 | 51520 | 400 | 61 | | | | | 14 | 8 |
| 43 | | | | | | | | | | |
| 063 | 200 | 98 | | | | | | | 14 | 8 |
| 149 | | | | | | | | | | |
| 279 | 225 | 95 | | | | | | | 14 | 8 |
| 371 | 545 | 51510 | 192 | 03 | | | | | 15 | 8 |
| 45 | | | | | | | | | | |
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| 590 | 335 | 69753 | 088 | 17994 | 033 | 10993 | | | 04 | 1 |
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| 646 | 400 | 65751 | 347 | 70809 | 249 | 87990 | 133 | 03998 | 03 | 1 |
| 671 | 814 | 19060 | 610 | 02617 | 550 | 50697 | 457 | 60764 | 03 | 1 |
| 744 | 653 | 06531 | 587 | 00583 | 533 | 00085 | 467 | 53622 | 03 | 1 |
| 778 | 408 | 58754 | 231 | 85982 | 140 | 01992 | 113 | 08990 | 03 | 1 |
| 808 | 600 | 05684 | 525 | 01574 | 463 | 55731 | 400 | 60992 | 03 | 1 |
| 827 | 560 | 01612 | 400 | 61767 | 297 | 79737 | 221 | 92991 | 03 | 1 |
| 60 | | | | | | | | | | |
| 120 | 400 | 64766 | | | | | | | 03 | 6 |
| 390 | 870 | 26075 | 830 | 25033 | 715 | 13574 | 680 | 10593 | 02 | 5 |
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| 642 | 240 | 10051 | 565 | 52685 | 408 | 67687 | 277 | 87997 | 07 | 5 |
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| 053 | 292 | 58 0 | 283 | 59 0 | 097 | 06**0 | | | 02 | 7 |
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| 133 | 400 | 75894 | 298 | 90002 | 218 | | 024 | 89992 | 03 | 1 |
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| 204 | 583 | 60757 | 562 | 61727 | 400 | 81899 | 346 | 90953 | 03 | 1 |
| 219 | 574 | 59764 | 400 | 77998 | 308 | 90990 | 240 | 03991 | 03 | 1 |
| 231 | 400 | 75996 | 313 | 90990 | 260 | 00996 | | | 03 | 1 |
| 261 | 775 | 06538 | 505 | 65808 | 430 | 74801 | 400 | 78854 | 03 | 1 |
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| 291 | 400 | 80947 | 336 | 90063 | 241 | 02995 | 090 | 96990 | 03 | 1 |
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| 361 | 085 | 96996 | | | | | | | 03 | 1 |
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| 398 | 400 | 80863 | 330 | 89949 | 242 | 02901 | | | 03 | 1 |
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| 454 | | | | | | | | | | |
| 485 | 400 | 70993 | 327 | 90990 | 257 | 96998 | 077 | 91990 | 04 | 1 |
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| 208 | 264 | 88989 | 138 | 20992 | 130 | 18991 | | | 03 | 1 |
| 211 | 578 | 01634 | 422 | 67721 | 400 | 68756 | 360 | 72878 | 03 | 1 |
| 219 | 424 | 62791 | 400 | 65814 | 318 | 77901 | 254 | 89955 | 03 | 1 |
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| 240 | 144 | 19998 | 111 | 26991 | | | | | 03 | 1 |
| 250 | 349 | 72865 | 258 | 89939 | 137 | 21995 | | | 03 | 1 |
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| 256 | | | | | | | | | | |
| 265 | 137 | 22990 | 123 | 24995 | | | | | 03 | 1 |
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| 278 | 438 | 62781 | 400 | 66827 | 119 | 27996 | | | 03 | 1 |
| 304 | 474 | 57707 | 421 | 62669 | 400 | 64688 | 147 | 20992 | 03 | 1 |
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| 365 | 468 | 58729 | 452 | 58774 | 400 | 05992 | 178 | 07996 | 03 | 1 |
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| 562 | 468 | 62775 | 429 | 67998 | 400 | 72851 | 388 | 73804 | 03 | 1 |
| 576 | 400 | 70998 | 280 | 92992 | | | | | 03 | 1 |
| 597 | 509 | 58767 | 400 | 71990 | 367 | 76893 | 296 | 87911 | 03 | 1 |
| 600 | 785 | 09028 | 759 | 09035 | 567 | 52773 | 400 | 69071 | 03 | 1 |
| 606 | 458 | 63789 | 415 | 68776 | 400 | 70803 | 313 | 82947 | 03 | 1 |
| 655 | 435 | 69874 | 400 | 73999 | 305 | 89995 | 217 | 06993 | 03 | 1 |
| 662 | 435 | 68734 | 400 | 73802 | 290 | 89989 | 134 | 11992 | 03 | 1 |
| 681 | | | | | | | | | | |
| 712 | 738 | 01694 | 592 | 56744 | 532 | 63746 | 400 | 75995 | 03 | 1 |
| 734 | 634 | 54691 | 570 | 59990 | 441 | 72796 | 400 | 77858 | 03 | 1 |
| 747 | 547 | 59696 | 400 | 75861 | 304 | 88947 | 262 | 96996 | 03 | 1 |
| 764 | 764 | 10524 | 400 | 73862 | 308 | 90983 | 195 | 08993 | 03 | 1 |
| 768 | 400 | 73998 | 308 | 89990 | 130 | 10990 | | | 03 | 1 |
| 775 | 207 | 07993 | 125 | 09995 | 045 | 02993 | | | 03 | 1 |
| 785 | 230 | 02997 | 182 | 08998 | 108 | 08991 | | | 03 | 1 |
| 798 | 946 | 20548 | 932 | 20083 | 613 | 52587 | 560 | 56741 | 03 | 1 |
| 807 | 600 | 54995 | 101 | 58 | | | | | 03 | 1 |
| 815 | 400 | 71995 | 290 | 86995 | 101 | 58*** | | | 03 | 1 |
| 816 | 400 | 83990 | 360 | 90990 | 300 | 98990 | 101 | 47*** | 03 | 1 |
| 826 | 669 | 56524 | 656 | 59994 | 101 | 58*** | | | 03 | 1 |
| 836 | 400 | 82882 | 238 | 05996 | 186 | 96993 | 095 | 00996 | 03 | 1 |
| 867 | 545 | 59720 | 510 | 63771 | 468 | 66771 | 400 | 73822 | 03 | 1 |
| 879 | 488 | 63666 | 435 | 68848 | 400 | 73993 | 180 | 13994 | 03 | 1 |
| 896 | 455 | 70821 | 400 | 75996 | 210 | 07993 | 130 | 00994 | 03 | 1 |
| 906 | 448 | 78851 | 400 | 82997 | 348 | 90990 | 248 | 06997 | 03 | 1 |
| 907 | 450 | 84894 | 409 | 90943 | 400 | 91994 | 330 | 00990 | 03 | 1 |
| 913 | 570 | 67997 | 460 | 79883 | 400 | 86903 | 370 | 90951 | 03 | 1 |
| 915 | 622 | 67641 | 610 | 68731 | 445 | 85936 | 400 | 91999 | 03 | 1 |
| 917 | 400 | 83958 | | | | | | | 03 | 1 |
| 924 | 758 | 54595 | 732 | 53687 | 562 | 66741 | 400 | 84943 | 03 | 1 |
| 926 | | | | | | | | | | |
| 934 | 154 | 02990 | 090 | 98999 | 101 | 58*** | | | 03 | 1 |
| 938 | 563 | 56634 | 400 | 73822 | 202 | 08998 | 168 | 00994 | 02 | 1 |
| 945 | 461 | 65741 | 400 | 72802 | 189 | 04997 | 146 | 98999 | 03 | 1 |
| 964 | 488 | 72785 | 470 | 74841 | 460 | 74843 | 428 | 77879 | 03 | 1 |
| 968 | 696 | 50545 | 683 | 50559 | 578 | 59684 | 571 | 58677 | 03 | 1 |
| 74 | | | | | | | | | | |
| 043 | 230 | 02999 | 060 | 98999 | | | | | 03 | 1 |
| 072 | 400 | 80897 | 330 | 90990 | 286 | 98992 | | | 03 | 1 |
| 074 | 815 | 50583 | 654 | 59751 | 621 | 62722 | 581 | 64808 | 03 | 1 |
| 090 | 555 | 64756 | 101 | 42 | | | | | 03 | 1 |
| 109 | 796 | 10564 | 613 | 64571 | 400 | 72753 | 190 | 01996 | 03 | 1 |
| 188 | | | | | | | | | | |
| 76 | | | | | | | | | | |
| 458 | 400 | 66691 | 256 | 90961 | 124 | 25990 | | | 02 | 1 |
| 491 | 733 | 13028 | 636 | 06521 | 611 | 04646 | 598 | 03564 | 02 | 1 |
| 679 | 400 | 67701 | 266 | 89926 | 218 | 02993 | | | 03 | 1 |
| 78 | | | | | | | | | | |
| 016 | | | | | | | | | | |
| 325 | | | | | | | | | | |
| 501 | 400 | 68782 | 368 | 72781 | 278 | 87929 | 144 | 22994 | 03 | 1 |
| 525 | | | | | | | | | | |
| 862 | 400 | 61995 | 246 | 86998 | 190 | 97993 | 101 | 58*** | 03 | 1 |
| 967 | | | | | | | | | | |
| 972 | 400 | 67772 | 220 | 90917 | 166 | 17994 | 115 | | 03 | 1 |
| 91 | | | | | | | | | | |
| 066 | 680 | 08677 | 633 | 05581 | 582 | 01702 | 553 | 51691 | 03 | 1 |
| 182 | 780 | 15574 | 561 | 03990 | 400 | 66996 | 306 | 83941 | 03 | 1 |
| 245 | 400 | 78787 | | | | | | | 03 | 1 |
| 275 | 710 | 08043 | | | | | | | 03 | 1 |
| 98 | | | | | | | | | | |
| 327 | 483 | 54654 | 400 | 54769 | 332 | 72991 | 244 | 90990 | 03 | 1 |
| 645 | 251 | 91994 | 143 | 20991 | 110 | 25997 | 052 | 06997 | 03 | 8 |
| QLL | | OCEAN | STA | | | | | | | |
| 034 | 735 | 07509 | 727 | 07618 | 674 | 04625 | 656 | 02549 | 03 | 9 |
| 035 | 439 | 63784 | 400 | 68736 | 380 | 71755 | 271 | 89968 | 03 | 9 |
| 037 | 785 | 12088 | 768 | 13074 | 645 | 06521 | 617 | 03608 | 03 | 9 |
| 041 | 777 | 05032 | 760 | 03010 | 695 | 00520 | 658 | 57544 | 02 | 8 |
| 044 | 640 | 51547 | 622 | 52719 | 594 | 53996 | 586 | 52715 | 03 | 9 |
| 053 | 623 | 52641 | 552 | 61675 | 526 | 64776 | 400 | 80931 | 03 | 9 |
| 054 | 737 | 04524 | 625 | 53751 | 550 | 59993 | 509 | 63719 | 03 | 9 |
| 055 | 400 | 76815 | 317 | 90953 | 256 | 02997 | 205 | 09991 | 04 | 9 |
| 062 | | | | | | | | | | |
| 063 | 658 | 53713 | 400 | 79937 | 345 | 88955 | 226 | 05998 | 04 | 9 |
| 134 | 755 | 09017 | 676 | 04669 | 650 | 02601 | 608 | 50691 | 03 | 9 |
| 144 | 400 | 74783 | 303 | 88939 | 174 | 18991 | 074 | 08991 | 03 | 9 |
| 223 | 533 | 00 | 471 | 53 | 344 | 63*** | 289 | 82*** | 02 | 1 |
| 235 | 285 | 84 | 260 | 91 | 148 | 07*** | 087 | 04*** | 03 | 1 |
| 246 | 400 | 66725 | 155 | 11990 | 085 | 01995 | | | 03 | 9 |
| 360 | 630 | 58634 | 611 | 58623 | 400 | 79832 | 230 | 06*** | 03 | 5 |

# RADIOSONDE AND RAWINSONDE DATA

| Index No. iii | Station Name | 1000 mb. hhh | TTTTT ddx | dd | ff | 850 mb. hhh | TTTTT ddx | dd | ff | 700 mb. hhh | TTTTT ddx | dd | ff | 500 mb. hhh | TTTTT ddx | dd | ff | Hour GG | Code Type |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | BLOCK 01 | | | | | | | | | | | | | | | | | | |
| 001 | JAN MAYEN | 172 | 03021 | | | 500 | 00564 | | | 026 | 55629 | | | 592 | 70768 | | | 03 | 8 |
| 030 | TROMSO | 000 | | | | 310 | 52522 | | | 819 | 62647 | | | 317 | 77783 | | | 03 | 8 |
| 384 | GARDERMOEN | 106 | 99999 | | | 454 | 07502 | 21 | 12 | 021 | 53563 | | | 616 | 66721 | | | 03 | 5 |
| 415 | SOLA | 117 | 09085 | | | 470 | 08044 | | | 051 | 51596 | | | 663 | 67774 | | | 03 | 8 |
| | BLOCK 02 | | | | | | | | | | | | | | | | | | |
| 057 | LULEA KALLAS | 028 | 10032 | | | 340 | 51556 | | | 875 | 60621 | | | 403 | 72746 | | | 03 | 8 |
| 077 | STOCKHOLM | 106 | 13093 | 13 | 6 | 460 | 06003 | 29 | 14 | 017 | 55608 | 33 | 28 | 594 | 68750 | 31 | 35 | 03 | 5 |
| 084 | GOTEBORG | 097 | 14116 | | | 460 | 07032 | | | 030 | 50587 | | | 592 | 66767 | | | 03 | 8 |
| 974 | HELSINKI MAL | 086 | 09051 | | | 420 | 01532 | | | 960 | 55668 | | | 533 | 70824 | | | 03 | 7 |
| | BLOCK 03 | | | | | | | | | | | | | | | | | | |
| 005 | LERWICK | 040 | 48450 | 01 | 14 | 478 | 41340 | 02 | 13 | 998 | 33110 | 35 | 8 | 858 | 05820 | 34 | 13 | 02 | 2 |
| 026 | STORNOWAY | 051 | 49420 | | | 485 | 38250 | 03 | 13 | 001 | 32020 | 07 | 7 | 860 | 05790 | 08 | 12 | 02 | 2 |
| 476 | DOWNHAM MKT | 027 | 59590 | | | 474 | 47470 | 15 | 12 | 993 | 31310 | 13 | 11 | 849 | 00000 | 18 | 12 | 02 | 2 |
| 743 | LARKHILL | 023 | | | | 469 | 46320 | 18 | 10 | 988 | 30190 | 17 | 13 | 844 | 04570 | 18 | 18 | 02 | 2 |
| 808 | CAMBORNE | 013 | | | | 458 | 46400 | 18 | 10 | 973 | 30200 | 20 | 15 | 833 | 02020 | 21 | 9 | 02 | 2 |
| 917 | ALDERGROVE | 038 | 50470 | 07 | 9 | 477 | 43420 | 08 | 21 | 994 | 29290 | 09 | 16 | 848 | 00000 | 09 | 16 | 02 | 2 |
| 953 | VALENTIA | 029 | 55 0 | | | 473 | 44 0 | | | 989 | 31**0 | | | 844 | 99**0 | | | 03 | 7 |
| | BLOCK 04 | | | | | | | | | | | | | | | | | | |
| 018 | KEFLAVIK | 056 | 07062 | | | 492 | 05518 | | | 005 | 54603 | | | 849 | 59753 | | | 03 | 6 |
| 202 | THULE | 068 | 50501 | 00 | | 501 | 02523 | 18 | 8 | 011 | 54651 | 20 | 14 | 858 | 69731 | 22 | 28 | 03 | 1 |
| | BLOCK 06 | | | | | | | | | | | | | | | | | | |
| 180 | KOBENHAVN | 100 | 14135 | 00 | | 460 | 06047 | 00 | | 035 | 01571 | 00 | | 661 | 65749 | 28 | 25 | 03 | 5 |
| 260 | DE BILT | 083 | 15144 | | | 458 | 10068 | | | 046 | 00529 | | | 677 | 63707 | | | 03 | 8 |
| 610 | PAYERNE | 115 | | | | 485 | 12125 | 00 | | 080 | 03035 | 22 | 8 | 770 | 61615 | | | 05 | 5 |
| | BLOCK 07 | | | | | | | | | | | | | | | | | | |
| 110 | BREST | 062 | | | | 430 | 07075 | 25 | 26 | 000 | 51524 | 25 | 19 | 600 | 68692 | 28 | 19 | 02 | 5 |
| 145 | TRAPPES | 092 | | | | 490 | 11110 | | | 056 | 00581 | | | 770 | 64827 | | | 02 | 8 |
| 190 | STRASBOURG | 097 | | | | 500 | 11098 | | | 079 | 01507 | | | 712 | 62673 | | | 02 | 8 |
| 480 | LYON | 108 | | | | 530 | 14124 | | | 117 | 03020 | | | 770 | 63659 | | | 02 | 8 |
| 510 | BORDEAUX | 138 | 18168 | 24 | 8 | 520 | 10079 | 27 | 20 | 096 | 00503 | 25 | 30 | 720 | 64720 | 24 | 46 | 02 | 5 |
| 645 | NIMES | 101 | 22133 | | | 510 | 14029 | | | 107 | 01541 | | | 740 | 63702 | | | 02 | 8 |
| | BLOCK 08 | | | | | | | | | | | | | | | | | | |
| 509 | LAGENS | 072 | 18169 | 25 | 10 | 524 | 09079 | 26 | 13 | 047 | 02008 | 27 | 12 | 918 | 60657 | 25 | 12 | 03 | 1 |
| 521 | FUNCHAL | 185 | 19146 | | | 569 | 16514 | | | 207 | 09632 | | | 909 | 57746 | | | 14 | 8 |
| 536 | PORTELA | 177 | 25131 | | | 569 | 10088 | | | 190 | 08571 | | | 881 | 59752 | | | 14 | 8 |
| | BLOCK 10 | | | | | | | | | | | | | | | | | | |
| 338 | HANNOVER | 027 | 60570 | | | 477 | 53320 | | | 996 | 32220 | 21 | 21 | 853 | 04860 | 23 | 15 | 02 | 2 |
| 384 | TEMPELHOF | 091 | 17144 | 06 | 7 | 470 | 12033 | 28 | 10 | 071 | 02522 | 26 | 16 | 698 | 64662 | 23 | 30 | 03 | 5 |
| 419 | ISERLOHN | 117 | 09085 | | | 470 | 08044 | | | 051 | 51596 | | | 663 | 67774 | | | 03 | 8 |
| 633 | WIESBADEN | 092 | | | | 471 | 12053 | 26 | 16 | 062 | 00613 | 32 | 27 | 675 | 60995 | 24 | 21 | 03 | 5 |
| 866 | MUNCHEN RIEM | 092 | 99999 | 99 | 99 | 484 | 15050 | 23 | 8 | 092 | 02505 | 31 | 19 | 732 | 63658 | 26 | 12 | 03 | 5 |
| | BLOCK 11 | | | | | | | | | | | | | | | | | | |
| 030 | TULLN | 095 | | | | 482 | 12067 | 27 | 4 | 084 | 01514 | 17 | 8 | 712 | 64671 | 18 | 5 | 03 | 5 |
| 567 | PRAHA KBELY | 088 | | | | 460 | 13103 | | | 083 | 04032 | | | 739 | 61610 | | | 05 | 5 |
| | BLOCK 16 | | | | | | | | | | | | | | | | | | |
| 596 | QRENDI | | | | | | | | | 044 | 53110 | 33 | 36 | 931 | 19702 | 33 | 33 | 02 | 2 |
| | BLOCK 17 | | | | | | | | | | | | | | | | | | |
| 606 | NICOSIA | | | | | 481 | 68450 | | | 020 | 48300 | | | 914 | 23810 | | | 02 | 7 |
| | BLOCK 40 | | | | | | | | | | | | | | | | | | |
| 427 | BAHREIN | | | | | 467 | 90460 | 33 | 6 | 026 | 65250 | 35 | 9 | 933 | 21950 | 03 | 23 | 14 | 2 |
| 648 | HABBANIYA | 001 | | | | 470 | 78380 | 32 | 15 | 025 | 63250 | 15 | 8 | 927 | 29980 | 15 | 13 | 02 | 2 |
| | BLOCK 42 | | | | | | | | | | | | | | | | | | |
| 182 | NEW DELHI | 501 | | | | 144 | 24220 | | | 313 | 19*** | | | 595 | 06*** | | | 15 | 8 |
| 339 | JODHPUR | 502 | | | | 143 | 24180 | | | 310 | ***** | | | 584 | 53600 | | | 15 | 8 |
| 475 | BAMRAULI AL | 502 | | | | 142 | 23180 | | | 310 | 15100 | | | 588 | 01600 | | | 15 | 8 |
| 807 | CALCUTTA | 002 | 26250 | | | 143 | 16160 | | | 307 | 10100 | | | 580 | 54540 | | | 15 | 8 |
| 867 | NAGPUR | 501 | | | | 140 | 19170 | | | 307 | 13100 | | | 583 | 51520 | | | 15 | 8 |
| | BLOCK 43 | | | | | | | | | | | | | | | | | | |
| 063 | POONA | 003 | | | | 144 | 20170 | | | 311 | 14050 | | | 584 | 53*** | | | 14 | 8 |
| 149 | VIZAGAPATAM | 001 | | | | 143 | 15120 | | | 306 | 07050 | | | 579 | 57*** | | | 14 | 8 |
| 279 | MADRAS | 003 | 30220 | | | 147 | 20110 | | | 312 | 10020 | | | 584 | 55*** | | | 14 | 8 |
| 371 | TRIVANDRUM | 002 | 23220 | | | 149 | 19150 | | | 314 | 10090 | | | 587 | 56*** | | | 15 | 8 |
| | BLOCK 45 | | | | | | | | | | | | | | | | | | |
| 007 | KAI TAK | 008 | 28250 | | | 150 | 19140 | | | 315 | 11010 | | | 588 | 54**0 | | | 22 | 8 |
| | BLOCK 47 | | | | | | | | | | | | | | | | | | |
| 412 | SAPPORO DCMO | 028 | 25173 | | | 486 | 16115 | | | 022 | 12001 | | | 925 | 00612 | | | 03 | 1 |
| 580 | MISAWA | 038 | 25183 | 26 | 6 | 050 | 18059 | 31 | 32 | 008 | 12537 | 29 | 38 | 942 | 51994 | 28 | 40 | 03 | 1 |
| 590 | SENDAI DCMO | 039 | 29230 | | | 505 | 18154 | | | 043 | 12002 | | | 941 | 53644 | | | 03 | 1 |
| 600 | WAJIMA | 049 | 28225 | | | 515 | 20113 | | | 053 | 11525 | | | 949 | 52993 | | | 03 | 1 |
| 635 | NAGOYA | 040 | 30256 | 19 | 6 | 512 | 21593 | 25 | 3 | 054 | 10522 | 24 | 4 | 501 | 56990 | 28 | 8 | 10 | 1 |
| 646 | TATENO | 043 | 30158 | | | 510 | 22177 | | | 054 | 13024 | | | 954 | 52628 | | | 03 | 1 |
| 671 | TOKYO | 042 | 29251 | 16 | 14 | 512 | 20159 | 35 | 2 | 058 | 13592 | 26 | 15 | 951 | 54719 | 20 | 10 | 03 | 1 |
| 744 | YONAGO | 043 | 29221 | | | 512 | 19109 | | | 053 | 10200 | | | 942 | 55649 | | | 03 | 1 |
| 778 | SHIONOMISAKI | 051 | 27230 | | | 514 | 20133 | | | 056 | 22022 | | | 954 | 54661 | | | 03 | 1 |
| 808 | ITAZUKE | 037 | 29208 | 10 | 6 | 505 | 17119 | 15 | 31 | 042 | 08008 | 14 | 13 | 926 | 57629 | 16 | 23 | 03 | 1 |
| 827 | KAGOSHIMA | 026 | 29237 | 10 | 7 | 489 | 17156 | 11 | 22 | 024 | 10067 | 13 | 20 | 924 | 53580 | 10 | 39 | 03 | 1 |
| | BLOCK 60 | | | | | | | | | | | | | | | | | | |
| 120 | PORT LYAUTEY | 057 | 17152 | | | 517 | 19199 | | | 055 | 09537 | | | 939 | 61661 | | | 03 | 6 |
| 390 | M BLANCHE | 117 | 23165 | 20 | 16 | 530 | 23102 | 30 | 33 | 204 | 10534 | 28 | 41 | 867 | 64757 | 27 | 28 | 02 | 5 |
| | BLOCK 61 | | | | | | | | | | | | | | | | | | |
| 642 | DAKAR OUAKAM | 108 | 25221 | 29 | 8 | 520 | 19134 | 30 | 11 | 125 | 11516 | 09 | 7 | 826 | 58667 | 14 | 17 | 07 | 5 |
| | BLOCK 62 | | | | | | | | | | | | | | | | | | |
| 011 | WHEELUS FLD | 101 | 21178 | 00 | | 528 | 25994 | 34 | 17 | 185 | 11587 | 34 | 32 | 876 | 59993 | 34 | 32 | 03 | 5 |
| 053 | BENINA | 039 | | | | 499 | 65460 | | | 037 | 49170 | | | 922 | 18700 | | | 02 | 7 |
| 366 | FAROUK | | | | | 457 | 17035 | 36 | 13 | 101 | 11**7 | 12 | 3 | 839 | 52**4 | 27 | 4 | 03 | 5 |
| | BLOCK 70 | | | | | | | | | | | | | | | | | | |
| 026 | BARROW | 048 | 03007 | 09 | 17 | 491 | 09567 | 09 | 17 | 012 | 01597 | 06 | 12 | 874 | 65703 | 12 | 16 | 03 | 1 |
| 133 | KOTZEBUE | 030 | 17121 | 25 | 6 | 479 | 08033 | 14 | 16 | 997 | 50578 | 13 | 22 | 849 | 67753 | 13 | 27 | 03 | 1 |
| 200 | NOME | 032 | 10061 | 16 | 8 | 469 | 81517 | 16 | 13 | 975 | 57592 | 13 | 30 | 815 | 70762 | 14 | 42 | 03 | 1 |
| 204 | GAMBELL | 022 | 07058 | | | 456 | 50525 | | | 958 | 59613 | | | 791 | 74883 | | | 03 | 1 |
| 219 | BETHEL | 035 | 09062 | 24 | 11 | 468 | 00511 | | | 971 | 58582 | | | 810 | 71821 | | | 03 | 1 |
| 231 | MCGRATH | 034 | 16093 | 20 | 7 | 478 | 06004 | 21 | 11 | 992 | 53551 | | | 848 | 66691 | | | 03 | 1 |
| 261 | FRBNKS WEEKS | 024 | | | | 482 | 12041 | 09 | 10 | 004 | 50542 | 10 | 11 | 859 | 66755 | 06 | 19 | 03 | 1 |
| 273 | ANCH MERRILL | 042 | 15098 | 25 | 7 | 486 | 04028 | 21 | 3 | 999 | 51604 | 14 | 7 | 853 | 66812 | 13 | 10 | 03 | 1 |
| 291 | NORTHWAY | 029 | | | | 479 | 09046 | 32 | 8 | 998 | 52551 | 33 | 6 | 850 | 68754 | 34 | 10 | 03 | 1 |
| 350 | KODIAK | 040 | 11072 | | | 472 | 03025 | | | 988 | 52607 | | | 838 | 66990 | | | 03 | 1 |
| 361 | YAKUTAT | 044 | 10081 | 30 | 8 | 482 | 05003 | 29 | 9 | 997 | 52616 | 05 | 7 | *** | 69822 | 04 | 16 | 03 | 1 |
| 381 | JUNEAU | 033 | 18105 | 32 | 5 | 479 | 09080 | | | 992 | 52617 | 15 | 9 | 840 | 70780 | 10 | 5 | 03 | 1 |
| 398 | ANNETTE IS | 034 | 14099 | 29 | 9 | 478 | 05013 | 32 | 13 | 987 | 54564 | 31 | 6 | 828 | 72781 | 01 | 5 | 03 | 1 |
| 409 | MASSACRE BAY | 503 | | | | 449 | 08993 | 20 | 44 | 962 | 58644 | 20 | 34 | *** | ***** | | | 03 | 1 |
| 439 | AMCHITKA | 101 | 43 | | | | | | | *** | ***** | | | *** | ***** | | | 03 | 1 |
| 454 | LONGVIEW | 101 | 43 | | | | | | | *** | ***** | | | *** | ***** | | | 03 | 1 |
| 485 | FORT GLENN | 101 | 43 | | | | | | | *** | ***** | | | *** | ***** | | | 03 | 1 |
| | BLOCK 72 | | | | | | | | | | | | | | | | | | |
| 202 | MIAMI | 050 | 27223 | 00 | | 518 | 19123 | 15 | 9 | 056 | 09052 | 12 | 9 | 944 | 56594 | 05 | 4 | 06 | 1 |
| 208 | CHARLESTON | 039 | 25224 | 23 | 14 | 503 | 17136 | 24 | 34 | 041 | 09046 | 23 | 22 | 932 | 56595 | 19 | 23 | 03 | 1 |
| 211 | TAMPA | 052 | 24205 | 15 | 15 | 515 | 16134 | 20 | 8 | 048 | 07011 | 27 | 9 | 933 | 57649 | 21 | 5 | 03 | 1 |
| 219 | ATLANTA | 037 | | | | 500 | 19123 | | | 038 | 08054 | | | 929 | 55653 | | | 03 | 1 |
| 231 | NEW ORLEANS | 035 | 24225 | 18 | 6 | 500 | 18122 | 25 | 15 | 039 | 09503 | 24 | 24 | 929 | 55583 | 24 | 22 | 03 | 1 |
| 240 | LAKE CHARLES | 033 | 25232 | 21 | 5 | 497 | 17167 | 24 | 16 | 036 | 08078 | 28 | 11 | 929 | 55575 | | | 03 | 1 |
| 250 | BROWNSVILLE | 031 | 28243 | 16 | 8 | 499 | 20131 | 15 | 8 | 040 | 10033 | 20 | 11 | 931 | 55673 | 21 | 4 | 03 | 1 |
| 253 | SAN ANTONIO | 031 | | | | 499 | 19161 | 30 | 4 | 039 | 09056 | 05 | 10 | 932 | 56617 | 04 | 4 | 03 | 1 |
| 259 | FT WORTH | 040 | | | | 505 | 19109 | 02 | 13 | 044 | 08508 | 33 | 16 | 929 | 56763 | 33 | 28 | 03 | 1 |
| 265 | BIG SPRING | 031 | | | | 501 | 22142 | 09 | 16 | 041 | 10031 | 04 | 20 | 933 | 54995 | 34 | 22 | 03 | 1 |
| 270 | EL PASO | 014 | | | | 494 | 28144 | 09 | 9 | 047 | 14062 | 12 | 10 | 944 | 53682 | 02 | 23 | 03 | 1 |
| 278 | PHOENIX | 011 | | | | 497 | 31104 | 30 | 9 | 054 | 16039 | 02 | 10 | 954 | 55647 | | | 03 | 1 |
| 304 | HATTERAS | 038 | 24234 | 24 | 15 | 502 | 17152 | | | 041 | 09063 | | | 934 | 55578 | | | 03 | 1 |
| 317 | GREENSBORO | 034 | | | | 497 | 18136 | 18 | 6 | 035 | 08048 | 12 | 5 | 924 | 56592 | 28 | 23 | 03 | 1 |
| 327 | NASHVILLE | 029 | | | | 495 | 18133 | 29 | 4 | 032 | 08011 | 29 | 8 | 916 | 57651 | 26 | 15 | 03 | 1 |
| 340 | LITTLE ROCK | 032 | 23215 | 22 | 4 | 498 | 18149 | 26 | 4 | 035 | 08014 | 25 | 4 | 920 | 57603 | 28 | 20 | 03 | 1 |
| 353 | OKLAHOMA CTY | 035 | | | | 498 | 17126 | 01 | 18 | 034 | 07525 | 35 | 26 | 915 | 58992 | 32 | 29 | 03 | 1 |
| 365 | ALBUQUERQUE | 014 | | | | 492 | | | | 044 | 16035 | | | 942 | 56635 | | | 03 | 1 |
| 386 | LAS VEGAS | 012 | | | | 500 | 33075 | 24 | 7 | 058 | 16024 | 24 | 4 | 955 | 56627 | | | 03 | 1 |
| 394 | SANTA MARIA | 034 | 14112 | 29 | 9 | 499 | 25077 | 01 | 18 | 048 | 14502 | 07 | 2 | 948 | 55642 | 17 | 10 | 03 | 1 |
| 405 | WASHINGTON | 037 | 24229 | 14 | 12 | 499 | 14138 | | | 033 | 07006 | | | 914 | 58638 | | | 03 | 1 |
| 445 | COLUMBIA | 035 | | | | 496 | 15117 | 05 | 13 | 027 | 05021 | 06 | 14 | 904 | 60771 | 27 | 4 | 03 | 1 |
| 451 | DODGE CITY | 035 | | | | 505 | 19131 | 13 | 13 | 040 | 06025 | 33 | 17 | 922 | 58998 | 35 | 34 | 03 | 1 |
| 476 | GRAND JUNC | 013 | | | | 494 | 29044 | 33 | 2 | 050 | 17522 | 03 | 4 | 952 | 55711 | 35 | 24 | 04 | 1 |
| 486 | ELY | 002 | | | | 485 | | | | 043 | 18525 | 19 | 14 | 948 | 55599 | | | 03 | 1 |
| 493 | OAKLAND | 038 | 12097 | 29 | 11 | 503 | 25051 | 27 | 8 | 050 | 13502 | 27 | 5 | 946 | 55707 | 23 | 19 | 03 | 1 |
| 506 | NANTUCKET | 044 | 17171 | 06 | 8 | 499 | 16076 | 07 | 3 | 032 | 06011 | 27 | 10 | 910 | 58992 | | | 03 | 1 |
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| 606 | PORTLAND | 046 | 17161 | | | 501 | 14103 | | | 030 | 04518 | | | 906 | 60747 | | | 03 | 1 |
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| 747 | INTL FALLS | 031 | | | | 492 | 15072 | 28 | 4 | 020 | 03533 | 29 | 18 | 891 | 61999 | 29 | 24 | 03 | 1 |
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| 768 | GLASGOW | 012 | | | | 486 | 24034 | 17 | 7 | 029 | 09541 | 24 | 13 | 912 | 60994 | 28 | 23 | 03 | 1 |
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| 798 | TATOOSH IS | 043 | 10108 | 24 | 12 | 482 | 04031 | 27 | 12 | 993 | 54558 | 24 | 26 | 832 | 72839 | 24 | 28 | 03 | 1 |
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| 826 | NITCHEQUON | 028 | | | | 463 | 02502 | | | 973 | 54994 | | | 814 | 72990 | | | 03 | 1 |
| 836 | MOOSONEE | 045 | 09034 | | | 484 | 02541 | | | 989 | 56696 | | | 829 | 71858 | | | 03 | 1 |
| 867 | THE PAS | 021 | | | | 472 | 15043 | | | 007 | 04513 | | | 866 | 50695 | | | 03 | 1 |
| 879 | EDMONTON | 507 | | | | 466 | 24029 | 15 | 27 | 009 | 09521 | 19 | 26 | 887 | 62696 | 19 | 17 | 03 | 1 |
| 896 | PRINCE GEORG | 014 | | | | 465 | 08045 | 28 | 17 | 985 | 00000 | 21 | 10 | 843 | 66722 | 14 | 40 | 03 | 1 |
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| 918 | ARCTIC BAY | 052 | 10021 | | | | 01577 | | | 988 | 56705 | | | 209 | 71764 | | | 03 | 1 |
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| 926 | BAKER LAKE | 101 | 59 | | | | | | | *** | ***** | | | *** | ***** | | | 03 | 1 |
| 934 | FT SMITH | 023 | | | | 485 | 16091 | | | 013 | 03539 | | | 884 | 62713 | | | 03 | 1 |
| 938 | COPPERMINE | 015 | 03999 | | | 456 | 07997 | | | 973 | 50992 | | | 833 | **991 | | | 03 | 1 |
| 945 | FORT NELSON | 004 | | | | 472 | 14038 | | | 998 | 01559 | | | 872 | 63707 | | | 03 | 1 |
| 964 | WHITEHORSE | 026 | | | | 480 | 11551 | 01 | 9 | 000 | 51611 | 04 | 6 | 855 | 66788 | 07 | 12 | 03 | 1 |
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| 072 | MOULD BAY | 037 | 02006 | | | 464 | 51565 | | | 964 | 58601 | | | 804 | 71734 | | | 03 | 1 |
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| 090 | CLYDE RIVER | 055 | 00001 | 06 | 6 | 487 | 04047 | 12 | 15 | 998 | 53605 | 14 | 25 | 847 | 68802 | 14 | 41 | 03 | 1 |
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| 188 | MINGAN L PT | 040 | 14173 | 12 | 11 | 487 | 07024 | 22 | 20 | 000 | 54561 | 12 | 25 | 848 | 68811 | | | 04 | 1 |
| | BLOCK 76 | | | | | | | | | | | | | | | | | | |
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| 491 | C VICTORIA | | | | | | | | | *** | ***** | | | 813 | 50645 | | | 02 | 1 |
| 679 | TACUBAYA | 030 | | | | 497 | | | | 037 | 09062 | | | 927 | 57606 | | | 03 | 1 |
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| 325 | HAVANA C B | 048 | 27211 | 06 | 4 | 512 | 17136 | 12 | 3 | 050 | 08012 | 14 | 10 | 937 | 56674 | 07 | 10 | 03 | 1 |
| 367 | GUANTANAMO | 049 | 25213 | | | 512 | 06136 | | | 049 | 08033 | | | 933 | 58614 | | | 03 | 6 |
| 501 | SWAN ISLAND | 041 | 26231 | | | 507 | 18133 | | | 046 | 10501 | | | 934 | 57645 | | | 03 | 1 |
| 525 | SAN JUAN | 051 | 24227 | 12 | 10 | 515 | 17132 | 10 | 15 | 051 | 08062 | 09 | 16 | *** | ***** | | | 03 | 1 |

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# RADIOSONDE AND RAWINSONDE DATA— Continued

| Index No. iii | 300 mb. hhh | TTTTT ddx | dd | ff | 200 mb. hhh | TTTTT ddx | dd | ff | 100 mb. hhh | TTTTT ddx | dd | ff | Hour GG | Code Type |
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| 415 | 927 | 96999 | | | 187 | 06996 | | | | | | | 03 | 8 |
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| 260 | 937 | 90 | | | 206 | 00 | | | 661 | 00*** | | | 03 | 8 |
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| 07 | | | | | | | | | | | | | | |
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| 427 | 220 | 91490 | 08 | 21 | 156 | 56 0 | 11 | 23 | 354 | 99**0 | 10 | 54 | 14 | 2 |
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| 043 | 030 | 97994 | | | 903 | 96992 | | | 418 | 95990 | | | 03 | 1 |
| 072 | 974 | 97999 | | | 863 | 92997 | | | | | | | 03 | 1 |
| 074 | 972 | 97990 | | | 870 | | | | | | | | 03 | 1 |
| 090 | 033 | 95998 | 13 | 61 | 884 | 03992 | | | 305 | 96993 | | | 03 | 1 |
| 109 | | | | | | | | | | | | | 03 | 1 |
| 188 | 101 | 50 | | | | | | | | | | | 04 | 1 |
| 76 | | | | | | | | | | | | | | |
| 458 | 188 | 80897 | | | 092 | 02999 | | | 449 | ***** | | | 02 | 1 |
| 491 | 103 | 80886 | | | 063 | 04990 | | | | | | | 02 | 1 |
| 679 | 169 | 85881 | | | 055 | 06994 | | | | | | | 03 | 1 |
| 78 | | | | | | | | | | | | | | |
| 016 | | | | | | | | | | | | | | |
| 325 | 101 | 43 | | | | | | | | | | | 03 | 1 |
| 367 | 101 | 43 | | | | | | | | | | | 03 | 6 |
| 501 | 178 | 84942 | | | 064 | 06990 | | | 425 | 21994 | | | 03 | 1 |
| 525 | | | | | | | | | | | | | | |

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# RADIOSONDE AND RAWINSONDE DATA

## SIGNIFICANT LEVELS

| Index No. iii | 1st. 5th. etc. Level PPP | TTTTT ddx | 2nd. 6th. etc. Level PPP | TTTTT ddx | 3rd. 7th. etc. Level PPP | TTTTT ddx | 4th. 8th. etc. Level PPP | TTTTT ddx | Hour GG | Code Type |
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| 030 | 998 | 05036 | 818 | 54542 | 768 | 58597 | 400 | 86873 | 03 | 8 |
| 384 | 989 | 18036 | 911 | 08504 | 871 | 08502 | 791 | 03507 | 03 | 5 |
| 415 | 011 | 08073 | 979 | 12101 | 935 | 13072 | 736 | 00572 | 03 | 8 |
| 02 | | | | | | | | | | |
| 057 | 083 | 10038 | 847 | 51556 | 810 | 52566 | 782 | 55591 | 03 | 8 |
| 077 | 010 | 11099 | 993 | 14092 | 680 | 57618 | 512 | 66735 | 03 | 5 |
| 084 | 011 | 10094 | 995 | 16137 | 840 | 07023 | 749 | 50534 | 03 | 8 |
| 974 | 005 | 08051 | 966 | 09033 | 807 | 52554 | 771 | 52593 | 03 | 7 |
| 03 | | | | | | | | | | |
| 005 | 007 | 49450 | | | | | | | 02 | 2 |
| 026 | 018 | 51430 | | | | | | | 02 | 2 |
| 476 | 006 | 59590 | | | | | | | 02 | 2 |
| 743 | 993 | 58580 | | | | | | | 02 | 2 |
| 808 | 994 | 58970 | | | | | | | 02 | 2 |
| 917 | 005 | 51470 | | | | | | | 02 | 2 |
| 953 | 009 | 56 0 | 284 | 44 0 | 262 | 40**0 | 218 | 48**0 | 03 | 7 |
| 04 | | | | | | | | | | |
| 018 | 015 | 08072 | 940 | 04035 | 922 | 06995 | 784 | 07003 | 03 | 6 |
| 202 | 021 | 01015 | 993 | 50509 | 986 | 04033 | 932 | 04028 | 03 | 1 |
| 06 | | | | | | | | | | |
| 180 | 012 | 12187 | 991 | 15147 | 887 | 09069 | 773 | 01004 | 03 | 5 |
| 260 | 009 | 15144 | 963 | 15133 | 947 | 14124 | 925 | 15109 | 03 | 8 |
| 610 | 956 | 16160 | 980 | 16160 | 885 | 13131 | 841 | 12121 | 05 | 5 |
| 07 | | | | | | | | | | |
| 110 | 995 | 15159 | 887 | 06060 | 760 | 02003 | 740 | 01006 | 02 | 5 |
| 145 | 991 | 16142 | 975 | 18180 | 928 | 15155 | 785 | 07079 | 02 | 8 |
| 190 | 993 | 17167 | 965 | 19162 | 920 | 15138 | 821 | 10084 | 02 | 8 |
| 480 | 990 | 21190 | 940 | 20168 | 850 | 16124 | 812 | 10107 | 02 | 8 |
| 510 | 011 | 17174 | 000 | 18168 | 920 | 13108 | 855 | 11075 | 02 | 5 |
| 645 | 005 | 21157 | 972 | 24135 | 925 | 20091 | 902 | 19083 | 02 | 8 |
| 08 | | | | | | | | | | |
| 509 | 013 | 19176 | 834 | 08077 | 818 | 08069 | 768 | 06009 | 03 | 1 |
| 521 | 015 | 23175 | 890 | 12124 | 882 | 16096 | 828 | 1656* | 14 | 8 |
| 536 | 011 | 24125 | 832 | 09063 | 796 | 13596 | 752 | 11514 | 14 | 8 |
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| 338 | 004 | 59570 | 988 | 64580 | 970 | 64540 | 938 | 59450 | 02 | 2 |
| 384 | 005 | 17145 | 965 | 17137 | 905 | 13104 | 864 | 12035 | 03 | 5 |
| 419 | 980 | 59570 | 921 | 61420 | 865 | 54360 | 842 | 54360 | 02 | 2 |
| 633 | 995 | 16128 | 923 | 15117 | 870 | 13065 | 715 | 01504 | 03 | 5 |
| 866 | 951 | 17140 | 936 | 20122 | 882 | 17051 | 611 | 55574 | 03 | 5 |
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| 030 | 991 | 17154 | 959 | 19131 | 830 | 12043 | 545 | 60624 | 03 | 5 |
| 567 | 977 | 16158 | 810 | 12092 | 568 | 56579 | 520 | 58597 | 05 | 5 |
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| 596 | | | 913 | 78530 | 830 | 65400 | 785 | 67130 | 02 | 2 |
| 17 | | | | | | | | | | |
| 606 | | | | | | | | | | |
| 40 | | | | | | | | | | |
| 427 | 995 | 89780 | 980 | 85740 | 924 | 94550 | 879 | 93510 | 14 | 2 |
| 648 | 995 | 75450 | 923 | 83480 | 852 | 78390 | 777 | 78300 | 02 | 2 |
| 42 | | | | | | | | | | |
| 182 | 975 | 30280 | 960 | 31270 | 812 | 30190 | 722 | 20*** | 15 | 8 |
| 339 | 974 | 29250 | 961 | 31240 | 945 | 29250 | 912 | 29230 | 15 | 8 |
| 475 | 987 | 27250 | 763 | 17140 | 745 | 17130 | 453 | 52650 | 15 | 8 |
| 807 | 001 | 29250 | 987 | 26250 | 757 | 11110 | 659 | 06060 | 15 | 8 |
| 867 | 964 | 24220 | 350 | 66 | 250 | 80*** | 160 | 03*** | 15 | 8 |
| 43 | | | | | | | | | | |
| 063 | 941 | 22200 | 371 | 65 | 350 | 66*** | | | 14 | 8 |
| 149 | 996 | 26240 | 970 | 25230 | 835 | 15110 | 510 | 57570 | 14 | 8 |
| 279 | 002 | 30220 | 987 | 28220 | 957 | 28180 | 543 | 51580 | 14 | 8 |
| 371 | 002 | 23220 | 512 | 54580 | 200 | 03*** | | | 14 | 8 |
| 45 | | | | | | | | | | |
| 007 | 009 | 27250 | 950 | 24230 | 900 | 21190 | 800 | 17070 | 22 | 8 |
| 47 | | | | | | | | | | |
| 412 | 008 | 27191 | 981 | 22153 | 916 | 18146 | 875 | 18131 | 03 | 1 |
| 580 | 009 | 25198 | 930 | 21185 | 875 | 17082 | 790 | 16504 | 03 | 1 |
| 590 | 009 | 29231 | 940 | 26201 | 788 | 14114 | 735 | 13007 | 03 | 1 |
| 600 | 016 | 28231 | 960 | 26217 | 811 | 17117 | 767 | 26071 | 03 | 1 |
| 635 | 012 | 30247 | 928 | 28235 | 862 | 22118 | 770 | 16565 | 10 | 1 |
| 646 | 012 | 32269 | 907 | 18081 | 608 | 05537 | 396 | 65764 | 03 | 1 |
| 671 | 014 | 30853 | 840 | 20151 | 810 | 20065 | 686 | 12612 | 03 | 1 |
| 744 | 014 | 30214 | 947 | 26172 | 893 | 22155 | 765 | 15061 | 03 | 1 |
| 778 | 009 | 27235 | 887 | 20179 | 813 | 19117 | 649 | 08522 | 03 | 1 |
| 808 | 012 | 30217 | 706 | 09011 | 577 | 52564 | 512 | 57611 | 03 | 1 |
| 827 | 009 | 30239 | 940 | 24188 | 791 | 15123 | 556 | 03542 | 03 | 1 |
| 60 | | | | | | | | | | |
| 120 | 020 | 17167 | 957 | 15149 | 910 | 19519 | 815 | 21006 | 03 | 6 |
| 390 | 011 | 22150 | 996 | 24170 | 950 | 24170 | 914 | 27189 | 02 | 5 |
| 61 | | | | | | | | | | |
| 642 | 008 | 25221 | 917 | 18169 | 898 | 20148 | 835 | 19112 | 07 | 5 |
| 62 | | | | | | | | | | |
| 011 | 011 | 20198 | 930 | 29025 | 880 | 25509 | 829 | 24998 | 03 | 5 |
| 053 | 999 | 65600 | 960 | 72500 | 871 | 68460 | 734 | 56120 | 02 | 7 |
| 366 | 999 | 20185 | 940 | 17177 | 910 | 18089 | 778 | 16547 | 03 | 5 |
| 70 | | | | | | | | | | |
| 026 | 017 | 05021 | 937 | 12515 | 887 | 11581 | 796 | 06508 | 03 | 1 |
| 133 | 010 | 17128 | 671 | 52604 | 601 | 59337 | 552 | 62774 | 03 | 1 |
| 200 | 011 | 12084 | 813 | 50526 | 680 | 58605 | 674 | 57611 | 03 | 1 |
| 204 | 007 | 08064 | 767 | 55574 | 740 | 55576 | 662 | 62659 | 03 | 1 |
| 219 | 012 | 11082 | 930 | 03024 | 681 | 59595 | 625 | 61674 | 03 | 1 |
| 231 | 000 | 16093 | 613 | 57641 | 400 | 77814 | 313 | 90951 | 03 | 1 |
| 261 | 993 | 24121 | 640 | 55586 | 633 | 54605 | 587 | 57718 | 03 | 1 |
| 273 | 010 | 16094 | 768 | 00571 | 748 | 00614 | 662 | 54593 | 03 | 1 |
| 291 | 950 | 105 | 577 | 60648 | 517 | 66744 | 446 | 75863 | 03 | 1 |
| 350 | 013 | 11099 | 818 | 01017 | 800 | 01502 | 780 | 02512 | 03 | 1 |
| 361 | 051 | 51091 | 910 | 04031 | 620 | 59658 | 593 | 60721 | 03 | 1 |
| 381 | 011 | 19105 | 879 | 07035 | 750 | 01602 | 400 | 82924 | 03 | 1 |
| 398 | 008 | 14107 | 925 | 10048 | 737 | 53532 | 470 | **863 | 03 | 1 |
| 409 | 996 | 09065 | 908 | 03524 | 868 | 08594 | 785 | 07995 | 03 | 1 |
| 439 | | | | | | | | | | |
| 454 | | | | | | | | | | |
| 485 | | | | | | | | | | |
| 72 | | | | | | | | | | |
| 202 | | | | | | | | | | |
| 208 | 012 | 26231 | 400 | 66704 | 262 | 88936 | 170 | 12994 | 03 | 1 |
| 211 | 017 | 25212 | 894 | 19161 | 665 | 05541 | 635 | 02527 | 03 | 1 |
| 219 | 979 | 21208 | 874 | 19153 | 860 | 20133 | 793 | 15054 | 03 | 1 |
| 231 | 012 | 24237 | 628 | 03665 | 400 | 65676 | 264 | 88913 | 03 | 1 |
| 240 | 011 | 24239 | 400 | 65683 | 251 | 89969 | 151 | 15996 | 03 | 1 |
| 250 | 010 | 28259 | 886 | 20176 | 556 | 51683 | 459 | 59741 | 03 | 1 |
| 253 | 984 | 25231 | 635 | 04006 | 610 | 03568 | 560 | 50555 | 03 | 1 |
| 259 | 992 | 24205 | 603 | 00582 | 400 | 67991 | 258 | 88998 | 03 | 1 |
| 265 | 926 | 26182 | 733 | 11063 | 678 | 09565 | 562 | 50708 | 03 | 1 |
| 270 | 880 | 28178 | 878 | 31165 | 568 | 50521 | 560 | 00627 | 03 | 1 |
| 278 | 967 | 35141 | 960 | 40168 | 507 | 55624 | 478 | 56723 | 03 | 1 |
| 304 | 013 | 24238 | 941 | 22199 | 862 | 16157 | 839 | 17156 | 03 | 1 |
| 317 | 981 | 21217 | 943 | 20190 | 929 | 21202 | 630 | 04521 | 03 | 1 |
| 327 | 998 | 24221 | 546 | 54562 | 505 | 56664 | 490 | 58639 | 03 | 1 |
| 340 | 002 | 23215 | 950 | 25203 | 760 | 12086 | 656 | 05546 | 03 | 1 |
| 353 | 968 | 24171 | 833 | 16121 | 588 | 50707 | 400 | 71996 | 03 | 1 |
| 365 | 838 | 27108 | 595 | 03558 | 588 | 03997 | 535 | 53620 | 03 | 1 |
| 386 | 934 | 40054 | 925 | 40106 | 512 | 56598 | 470 | 58744 | 03 | 1 |
| 394 | 004 | 14119 | 986 | 12105 | 966 | 14114 | 958 | 18114 | 03 | 1 |
| 405 | 010 | 25234 | 661 | 04536 | 488 | 58644 | 478 | 59724 | 03 | 1 |
| 445 | 985 | 21170 | 963 | 23125 | 930 | 21083 | 632 | 50539 | 03 | 1 |
| 451 | | | | | | | | | | |
| 476 | 853 | 26034 | 848 | 30048 | 568 | 01603 | 400 | 67821 | 04 | 1 |
| 486 | 810 | 24093 | 805 | 25039 | 400 | 66688 | 274 | 89931 | 03 | 1 |
| 493 | 013 | 15111 | 976 | 17063 | 962 | 23522 | 878 | 27061 | 03 | 1 |
| 506 | 014 | 17170 | 975 | 18171 | 893 | 17152 | 823 | 14524 | 03 | 1 |
| 518 | 003 | 21185 | 664 | 01506 | 595 | 53573 | 566 | 55715 | 03 | 1 |
| 520 | 970 | 18168 | 937 | 21157 | 898 | 19096 | 773 | 10056 | 05 | 1 |
| 528 | 988 | 21094 | 942 | 20104 | 854 | 14104 | 758 | 07034 | 03 | 1 |
| 534 | 994 | 17125 | 989 | 20114 | 967 | 23012 | 908 | 19111 | 03 | 1 |
| 536 | 991 | 21141 | 975 | 22127 | 828 | 11071 | 816 | 12618 | 03 | 1 |
| 553 | 980 | 23153 | 965 | 25106 | 793 | 09036 | 736 | 06617 | 03 | 1 |
| 562 | 918 | 21171 | 893 | 24123 | 696 | 06022 | 636 | 03642 | 03 | 1 |
| 576 | 830 | 22068 | 828 | 27070 | 824 | 28012 | 800 | 26515 | 03 | 1 |
| 597 | 966 | 29097 | 758 | 10005 | 720 | 09600 | 668 | 05602 | 03 | 1 |
| 600 | 018 | 12129 | 984 | 11119 | 949 | 17083 | 920 | 17524 | 03 | 1 |
| 606 | 014 | 18163 | 969 | 15145 | 941 | 17152 | 646 | 00535 | 03 | 1 |
| 655 | 977 | 19147 | 965 | 25124 | 826 | 15614 | 810 | 14514 | 03 | 1 |
| 662 | 903 | 21112 | 894 | 26117 | 697 | 08014 | 667 | 06543 | 03 | 1 |
| 681 | 909 | 33143 | 895 | 35083 | 870 | 33066 | 765 | 23503 | 03 | 1 |
| 712 | 992 | 18138 | 966 | 19138 | 660 | 54562 | 648 | 53632 | 03 | 1 |
| 734 | 988 | 14121 | 962 | 18126 | 925 | 17089 | 749 | 04506 | 03 | 1 |
| 747 | 970 | 18162 | 965 | 22172 | 958 | 23173 | 918 | 20117 | 03 | 1 |
| 764 | 953 | 23163 | 940 | 26073 | 637 | 00598 | 613 | 51575 | 03 | 1 |
| 768 | 934 | 27081 | 925 | 31056 | 710 | 10521 | 600 | 00701 | 03 | 1 |
| 775 | 882 | 28044 | 867 | 79026 | 537 | 56615 | 470 | 64695 | 03 | 1 |
| 785 | 984 | 29068 | 753 | 13021 | 668 | 05564 | 623 | 02652 | 03 | 1 |
| 798 | 012 | 11103 | 650 | 59627 | 629 | 59637 | 577 | 64746 | 03 | 1 |
| 807 | | | | | | | | | | |
| 815 | 018 | 12127 | 937 | 12059 | 840 | 07535 | 810 | 08594 | 03 | 1 |
| 816 | 008 | 18095 | 962 | 21088 | 760 | 03517 | 658 | 52598 | 03 | 1 |
| 826 | 950 | 08066 | 919 | 08066 | 793 | 52574 | 780 | 51563 | 03 | 1 |
| 836 | 016 | 09064 | 980 | 09517 | 900 | 05518 | 810 | 51572 | 03 | 1 |
| 867 | 976 | 19144 | 948 | 21116 | 817 | 12001 | 601 | 54607 | 03 | 1 |
| 879 | 926 | 27114 | 897 | 28062 | 618 | 00566 | 565 | 55621 | 03 | 1 |
| 896 | 929 | 13127 | 837 | 07038 | 770 | 00444 | 662 | 50505 | 03 | 1 |
| 906 | 008 | 07008 | 825 | 53561 | 705 | 58809 | 637 | 65995 | 03 | 1 |
| 907 | 004 | 03024 | 944 | 50511 | 938 | 01002 | 611 | 68734 | 03 | 1 |
| 909 | 007 | 05043 | 018 | 01015 | 754 | 56560 | 592 | 63727 | 03 | 1 |
| 913 | 008 | 10055 | 986 | 06027 | 754 | 55578 | 741 | 54595 | 03 | 1 |
| 915 | 998 | 04027 | 910 | 50524 | 891 | 50527 | 665 | **687 | 03 | 1 |
| 917 | 020 | 07032 | 989 | 08029 | 791 | 53848 | 673 | 61644 | 03 | 1 |
| 918 | 018 | 05508 | 678 | 57746 | 620 | 62754 | | 62675 | 03 | 1 |
| 924 | 016 | 05035 | 987 | 07044 | 674 | 61641 | 650 | 60664 | 03 | 1 |
| 926 | | | | | | | | | | |
| 934 | 985 | 24112 | 936 | 23104 | 770 | 09016 | 758 | 09518 | 03 | 1 |
| 938 | 005 | 03991 | 941 | 11994 | 793 | 05995 | 578 | 57994 | 03 | 1 |
| 945 | 962 | 22127 | 930 | 21085 | 804 | 09006 | 782 | 09013 | 03 | 1 |
| 964 | 831 | 18011 | 653 | 53617 | 535 | 64763 | 400 | 77875 | 03 | 1 |
| 968 | 016 | 07051 | 952 | 03005 | 880 | 09051 | 698 | 51567 | 02 | 1 |
| 74 | | | | | | | | | | |
| 043 | 004 | 15100 | 958 | 10053 | 866 | 05034 | 818 | 04018 | 03 | 1 |
| 072 | 018 | 02017 | 780 | 53595 | 670 | 56589 | 400 | 83851 | 03 | 1 |
| 074 | 016 | 06049 | 542 | 70744 | 436 | 81862 | 400 | 85919 | 03 | 1 |
| 090 | 020 | 00007 | 980 | 04031 | 863 | 03034 | 860 | 05054 | 03 | 1 |
| 109 | 012 | 13127 | 812 | 01512 | 745 | 51527 | 400 | 81863 | 03 | 1 |
| 188 | 012 | 12085 | 974 | 16054 | 730 | 52531 | 101 | 58*** | 04 | 1 |
| 76 | | | | | | | | | | |
| 458 | 009 | 28233 | 873 | 18161 | 842 | 18161 | 612 | 05513 | 02 | 1 |
| 491 | | | 950 | 24176 | 731 | 10089 | 691 | 08086 | 02 | 1 |
| 679 | 775 | 14113 | 711 | 10072 | 513 | 56592 | 400 | 67708 | 03 | 1 |
| 78 | | | | | | | | | | |
| 016 | 022 | 25207 | 918 | 20198 | 883 | 14122 | 870 | 14111 | 03 | 1 |
| 325 | 011 | 25816 | 881 | 18155 | 787 | 15104 | 758 | 13047 | 03 | 1 |
| 367 | 014 | 25225 | 935 | 23183 | 830 | 15122 | 779 | 12086 | 03 | 6 |
| 501 | 013 | 27233 | 595 | 00559 | 542 | 53681 | 530 | 54617 | 03 | 1 |
| 525 | 016 | 25234 | | | | | | | 03 | 1 |

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# RADIOSONDE AND RAWINSONDE DATA

## SIGNIFICANT LEVELS

| Index No. iii | 1st. 5th. etc. Level PPP | TTTTT ddx | 2nd. 6th. etc. Level PPP | TTTTT ddx | 3rd. 7th. etc. Level PPP | TTTTT ddx | 4th. 8th. etc. Level PPP | TTTTT ddx | Hour GG | Code Type |
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| 001 | 765 | 52592 | 667 | 58642 | 635 | 58659 | 439 | 75814 | 03 | 8 |
| 030 | 310 | 97 8 | 223 | 86 5 | 140 | 93**2 | | | 03 | 8 |
| 384 | 678 | 55582 | 688 | 57613 | 400 | 78840 | 266 | 03*** | 03 | 5 |
| 415 | 643 | 52634 | 400 | 80894 | 318 | 95034 | 275 | 99990 | 03 | 8 |
| 02 | | | | | | | | | | |
| 057 | 753 | 55607 | 618 | 64669 | 571 | 70721 | 562 | 68693 | 03 | 8 |
| 077 | 343 | 90963 | 270 | 01990 | 248 | 02996 | 208 | 95993 | 03 | 5 |
| 084 | 723 | 00562 | 653 | 52621 | 298 | 94996 | 263 | 98999 | 03 | 8 |
| 974 | 633 | 60711 | 613 | 59718 | 473 | 74992 | 268 | 00999 | 03 | 7 |
| 03 | | | | | | | | | | |
| 005 | | | | | | | | | | |
| 026 | | | | | | | | | | |
| 476 | | | | | | | | | | |
| 743 | | | | | | | | | | |
| 808 | | | | | | | | | | |
| 917 | | | | | | | | | | |
| 953 | 152 | 47 0 | 120 | 41 0 | 097 | 40**0 | | | 03 | 7 |
| 04 | | | | | | | | | | |
| 018 | 602 | 60787 | 535 | 67711 | 480 | 71755 | 364 | 88991 | 03 | 6 |
| 202 | 805 | 01595 | 750 | 51604 | 645 | 57722 | 608 | 59998 | 03 | 1 |
| 06 | | | | | | | | | | |
| 180 | 751 | 04512 | 627 | 52627 | 253 | | | | 03 | 5 |
| 260 | 876 | 12079 | 800 | 06044 | 762 | 05012 | 732 | 03008 | 03 | 8 |
| 610 | 593 | 55555 | 557 | 57571 | 533 | 59603 | 500 | 61615 | 05 | 5 |
| 07 | | | | | | | | | | |
| 110 | 700 | 61524 | 675 | 52536 | 620 | 57576 | 583 | 60602 | 02 | 5 |
| 145 | 770 | 56057 | 709 | 00574 | 586 | 59740 | 576 | 62875 | 02 | 8 |
| 190 | 655 | 53555 | 610 | 54568 | 572 | 57604 | 526 | 60686 | 02 | 8 |
| 480 | 592 | 53545 | 543 | 59647 | 500 | 63659 | 368 | 82888 | 02 | 8 |
| 510 | 800 | 06029 | 750 | 03008 | 685 | 54540 | 594 | 57588 | 02 | 5 |
| 645 | 890 | 17081 | 831 | 12019 | 810 | 12012 | 779 | 09502 | 02 | 8 |
| 08 | | | | | | | | | | |
| 509 | 714 | 03002 | 668 | 01625 | 635 | 50527 | 583 | 54607 | 03 | 1 |
| 521 | 784 | 15524 | 716 | 10604 | 596 | 00696 | 575 | 0169* | 14 | 8 |
| 536 | 620 | 02672 | 576 | 51612 | 538 | 55723 | 400 | 69847 | 14 | 8 |
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| 384 | 763 | 07006 | 631 | 53606 | 570 | 59613 | 400 | 77806 | 03 | 5 |
| 419 | 758 | 40280 | 619 | 25170 | 488 | 05830 | 270 | 45**0 | 02 | 2 |
| 633 | 636 | 56573 | 610 | 56614 | 577 | 59742 | 400 | 77990 | 03 | 5 |
| 866 | 547 | 59601 | 400 | 74787 | 300 | 90941 | 225 | 04995 | 03 | 5 |
| 11 | | | | | | | | | | |
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| 567 | 288 | 89991 | 240 | 01994 | 197 | 06990 | 152 | 99994 | 05 | 5 |
| 16 | | | | | | | | | | |
| 596 | 628 | 38010 | 540 | 28860 | 382 | 94550 | 222 | | 02 | 2 |
| 17 | | | | | | | | | | |
| 606 | 662 | 46180 | 425 | 08640 | 407 | 09650 | 368 | 05680 | 02 | 7 |
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| 427 | 486 | 30940 | 366 | 06590 | 278 | 83430 | 125 | 15**0 | 14 | 2 |
| 648 | 553 | 29040 | 536 | 28020 | 512 | 32020 | 385 | 02660 | 02 | 2 |
| 42 | | | | | | | | | | |
| 182 | 287 | 76 | 122 | 19 | | | | | 15 | 8 |
| 339 | 753 | 15150 | 574 | 03570 | 527 | 50580 | 480 | 57680 | 15 | 8 |
| 475 | | | | | | | | | | |
| 807 | 618 | 06061 | 313 | 80 | | | | | 15 | 8 |
| 867 | | | | | | | | | | |
| 43 | | | | | | | | | | |
| 063 | | | | | | | | | | |
| 149 | 335 | 73 | 200 | 07 | | | | | 14 | 8 |
| 279 | 220 | 96 | | | | | | | 14 | 8 |
| 371 | | | | | | | | | | |
| 45 | | | | | | | | | | |
| 007 | 750 | 14070 | 650 | 07530 | 600 | 04580 | 550 | 52**0 | 22 | 8 |
| 47 | | | | | | | | | | |
| 412 | 815 | 14099 | 745 | 14062 | 603 | 06542 | 536 | 01603 | 03 | 1 |
| 580 | 723 | 12009 | 660 | 11631 | 542 | 00995 | 477 | 52995 | 03 | 1 |
| 590 | 600 | 05546 | 517 | 52634 | 443 | 56707 | 400 | 62759 | 03 | 1 |
| 600 | 624 | 06584 | 563 | 01612 | 449 | 57997 | 397 | 61990 | 03 | 1 |
| 635 | 675 | 08517 | 615 | 05650 | 470 | 57991 | 400 | 66990 | 10 | 1 |
| 646 | 240 | 91997 | 216 | 98991 | 143 | 13999 | 112 | 14997 | 03 | 1 |
| 671 | 642 | 07543 | 516 | 54696 | 400 | 66990 | 367 | 71996 | 03 | 1 |
| 744 | 663 | 06512 | 584 | 00583 | 400 | 69782 | 333 | 76866 | 03 | 1 |
| 778 | 532 | 50613 | 400 | 63548 | 333 | 71861 | 256 | 87002 | 03 | 1 |
| 808 | 467 | 59667 | 400 | 61728 | 363 | 72832 | 240 | 90990 | 03 | 1 |
| 827 | 400 | 61664 | 287 | 76816 | 151 | 12993 | 122 | 17990 | 03 | 1 |
| 60 | | | | | | | | | | |
| 120 | 470 | 64766 | | | | | | | 03 | 6 |
| 390 | 866 | 24121 | 810 | 21064 | 735 | 13504 | 657 | 06572 | 02 | 5 |
| 61 | | | | | | | | | | |
| 642 | 817 | 19089 | 665 | 08567 | 564 | 52655 | 537 | 56686 | 07 | 5 |
| 62 | | | | | | | | | | |
| 011 | | | 791 | 21995 | 550 | 56651 | 400 | 70995 | 03 | 5 |
| 053 | 290 | 66430 | 280 | 66430 | 220 | 51**0 | 089 | 06**0 | 02 | 7 |
| 366 | 754 | 14 4 | 728 | 14 4 | 664 | 08**1 | 560 | 02**4 | 03 | 5 |
| 70 | | | | | | | | | | |
| 026 | 754 | 04512 | 623 | 54692 | 531 | 62778 | 458 | 69759 | 03 | 1 |
| 133 | 527 | 64608 | 475 | 69733 | 452 | 71*** | 400 | 77822 | 03 | 1 |
| 200 | 596 | 61698 | 573 | 63681 | 537 | 66787 | 508 | 69746 | 03 | 1 |
| 204 | 648 | 61651 | 595 | 64766 | 436 | 80898 | 400 | 85971 | 03 | 1 |
| 219 | 609 | 62671 | 585 | 64788 | 487 | 72795 | 456 | 75819 | 03 | 1 |
| 231 | 215 | 08998 | 074 | 93998 | | | | | 03 | 1 |
| 261 | 533 | 63704 | 465 | 70837 | 400 | 79846 | 326 | 89984 | 03 | 1 |
| 273 | 630 | 56645 | 610 | 58636 | 569 | 60726 | 400 | 78887 | 03 | 1 |
| 291 | 413 | 79854 | 400 | 81863 | 344 | 90953 | 280 | 00997 | 03 | 1 |
| 350 | 590 | 60735 | 558 | 62996 | 470 | 68990 | 400 | 71997 | 03 | 1 |
| 361 | 448 | 74897 | 101 | 58 | | | | | 03 | 1 |
| 381 | 346 | 90002 | 282 | 00990 | 096 | 96991 | | | 03 | 1 |
| 398 | 435 | 78904 | 400 | 22872 | 347 | 90942 | 320 | 93999 | 03 | 1 |
| 409 | 720 | 07636 | 582 | 59615 | 545 | 50996 | 101 | 54*** | 03 | 1 |
| 439 | | | | | | | | | | |
| 454 | | | 256 | 89943 | 177 | 08990 | | 81996 | 03 | 1 |
| 485 | | | | | | | | | | |
| 72 | | | | | | | | | | |
| 202 | 263 | 89941 | 195 | 06995 | | | | | 06 | 1 |
| 208 | | | | | | | | | | |
| 211 | 573 | 51574 | 532 | 54653 | 480 | 60643 | 416 | 65765 | 03 | 1 |
| 219 | 750 | 11074 | 674 | 07032 | 618 | 03515 | 597 | 02634 | 03 | 1 |
| 231 | 140 | 21992 | | | | | | | 03 | 1 |
| 240 | 106 | 25999 | | | | | | | 03 | 1 |
| 250 | 400 | 65712 | 362 | 70743 | 336 | 73814 | 266 | 87936 | 03 | 1 |
| 253 | 466 | 59656 | 417 | 64678 | 400 | 66802 | 334 | 74990 | 03 | 1 |
| 259 | 165 | 09994 | 101 | 58 | | | | | 03 | 1 |
| 265 | 400 | 67995 | 367 | 72863 | 265 | 88983 | 150 | 14993 | 03 | 1 |
| 270 | 518 | 52697 | 438 | 60737 | 400 | 66999 | 101 | 68*** | 03 | 1 |
| 278 | 400 | 66998 | 144 | 18991 | 110 | 26997 | | | 03 | 1 |
| 304 | 480 | 58605 | 476 | 57606 | | 0**** | 436 | 61995 | 03 | 1 |
| 317 | 578 | 50539 | 438 | 62750 | 400 | 65704 | 256 | 89938 | 03 | 1 |
| 327 | 444 | 62684 | 400 | 67807 | 270 | 88925 | 160 | 14995 | 03 | 1 |
| 340 | 400 | 66707 | 254 | 88948 | 134 | 17993 | 110 | 19996 | 03 | 1 |
| 353 | 274 | 88990 | 136 | 16994 | | | | | 03 | 1 |
| 365 | 504 | 55627 | 489 | 58663 | 476 | 57738 | 400 | 67831 | 03 | 1 |
| 386 | 400 | 67994 | 352 | 74869 | 283 | 86961 | 258 | 90990 | 03 | 1 |
| 394 | 938 | 23081 | 906 | 27117 | 878 | 28082 | 662 | 12594 | 03 | 1 |
| 405 | 400 | 68832 | 350 | 74889 | 259 | 88923 | 165 | 11996 | 03 | 1 |
| 445 | 605 | 50677 | 412 | 71782 | 400 | 72873 | 362 | 75994 | 03 | 1 |
| 451 | | | | | | | | | | |
| 476 | 120 | 20996 | | | | | | | 04 | 1 |
| 486 | 164 | 13992 | | | | | | | 03 | 1 |
| 493 | 422 | 64807 | 400 | 67996 | 140 | 17992 | 054 | 89994 | 03 | 1 |
| 506 | 797 | 13025 | 751 | 10534 | 604 | 51546 | 556 | 54729 | 03 | 1 |
| 518 | 436 | 70808 | 417 | 70741 | 400 | 72761 | 287 | 90932 | 03 | 1 |
| 520 | 602 | 52584 | 575 | 53705 | 480 | 62763 | 400 | 71993 | 05 | 1 |
| 528 | 718 | 04004 | 693 | 04674 | 558 | 57695 | 496 | 62780 | 03 | 1 |
| 534 | 644 | 01689 | 400 | 73994 | 295 | 90990 | 220 | 04992 | 03 | 1 |
| 536 | 400 | 72992 | 287 | 89998 | 257 | 95993 | | | 03 | 1 |
| 553 | 661 | 03625 | 632 | 02672 | 400 | 73992 | 293 | 89998 | 03 | 1 |
| 562 | 572 | 52703 | 400 | 72993 | 156 | 10996 | 142 | 10992 | 03 | 1 |
| 576 | 560 | 53602 | 520 | 57702 | 480 | 62772 | 430 | 68754 | 03 | 1 |
| 597 | 640 | 05661 | 576 | 00995 | 400 | 71998 | 288 | 90990 | 03 | 1 |
| 600 | 881 | 15032 | 773 | 08517 | 757 | 08537 | 600 | 51621 | 03 | 1 |
| 606 | 612 | 50998 | 561 | 53706 | 447 | 67716 | 418 | 71754 | 03 | 1 |
| 655 | 685 | 03503 | 440 | 67851 | 400 | 73990 | 195 | 10990 | 03 | 1 |
| 662 | 607 | 50581 | 595 | 00695 | 451 | 64801 | 400 | 71996 | 03 | 1 |
| 681 | 540 | 53601 | 400 | 71782 | 343 | 81862 | 323 | 83934 | 03 | 1 |
| 712 | 621 | 54721 | 592 | 54993 | 553 | 57744 | 442 | 70849 | 03 | 1 |
| 734 | 674 | 51609 | 660 | 52711 | 612 | 53724 | 586 | 56693 | 03 | 1 |
| 747 | 748 | 06014 | 670 | 02711 | 400 | 75909 | 365 | 80897 | 03 | 1 |
| 764 | 538 | 56748 | 400 | 74990 | 308 | 88998 | 213 | 08990 | 03 | 1 |
| 768 | 400 | 71993 | 347 | 80934 | 297 | 89967 | 224 | 05993 | 03 | 1 |
| 775 | 400 | 72799 | 217 | 06999 | 125 | 12996 | 045 | 02999 | 03 | 1 |
| 785 | 543 | 55727 | 400 | 72858 | 305 | 88981 | 239 | 00995 | 03 | 1 |
| 798 | 400 | 84968 | 368 | 89001 | 352 | 91994 | 268 | 88998 | 03 | 1 |
| 807 | | | | | | | | | | |
| 815 | 670 | 00998 | 530 | 60991 | 400 | 77992 | 296 | 90990 | 03 | 1 |
| 816 | 633 | 52658 | 514 | 64776 | 400 | 80885 | 340 | | 03 | 1 |
| 826 | 766 | 53597 | 757 | 52679 | 730 | 54997 | 720 | 53994 | 03 | 1 |
| 836 | 737 | 53663 | 628 | 60756 | 592 | 63779 | 531 | 68813 | 03 | 1 |
| 867 | | 55706 | 527 | 57678 | 400 | 72802 | 178 | 07993 | 03 | 1 |
| 879 | 536 | 58684 | 495 | 63701 | 437 | 68826 | 400 | 73831 | 03 | 1 |
| 896 | 617 | 57589 | | | | | | | 03 | 1 |
| 906 | 518 | 75901 | 101 | 58 | | | | | 03 | 1 |
| 907 | 420 | 90953 | 400 | 92994 | 335 | 00990 | 286 | 93991 | 03 | 1 |
| 909 | 400 | 85861 | 367 | 90900 | 275 | 01996 | 228 | 92998 | 03 | 1 |
| 913 | 634 | 60714 | 628 | 60701 | 583 | 63755 | 575 | 63764 | 03 | 1 |
| 915 | 602 | 70751 | 570 | 71784 | 464 | 83921 | 400 | 91991 | 03 | 1 |
| 917 | 644 | 61725 | 606 | 63673 | 554 | 67766 | 466 | 77837 | 03 | 1 |
| 918 | 546 | 68715 | 400 | 82884 | 230 | 12996 | 073 | 96991 | 03 | 1 |
| 924 | 584 | 64797 | 556 | 68761 | 452 | 76834 | 400 | 82925 | 03 | 1 |
| 926 | | | | | | | | | | |
| 934 | 443 | 68798 | 400 | 74873 | 194 | 08995 | 165 | 00990 | 03 | 1 |
| 938 | 400 | 75990 | 233 | 97999 | 060 | 89995 | | | 03 | 1 |
| 945 | 734 | 04520 | 612 | 54596 | 400 | 75816 | 334 | 84892 | 03 | 1 |
| 964 | 274 | 98999 | 243 | 98991 | 101 | 58*** | | | 03 | 1 |
| 968 | 664 | 51584 | 430 | 71783 | 420 | 70789 | 401 | 73814 | 02 | 1 |
| 74 | | | | | | | | | | |
| 043 | 722 | 52546 | 715 | 51555 | 641 | 55731 | 600 | 56711 | 03 | 1 |
| 072 | 350 | 90990 | 290 | 00990 | 240 | 92998 | 150 | 92995 | 03 | 1 |
| 074 | 312 | 97997 | 216 | 91990 | | | | | 03 | 1 |
| 090 | 815 | 01508 | 752 | 01691 | 650 | 58613 | 616 | 58746 | 03 | 1 |
| 109 | 364 | 85906 | 101 | 41 | | | | | 03 | 1 |
| 188 | | | | | | | | | | |
| 76 | | | | | | | | | | |
| 458 | 400 | 66695 | 338 | 74841 | 328 | 76835 | 259 | 86981 | 02 | 1 |
| 491 | 618 | 02513 | 538 | 51579 | 525 | 54585 | 486 | 57682 | 02 | 1 |
| 679 | 277 | 89929 | 167 | 14997 | | | | | 03 | 1 |
| 78 | | | | | | | | | | |
| 016 | 629 | 15096 | 706 | 06508 | 671 | 09582 | 400 | 69992 | 03 | 1 |
| 325 | 628 | 02528 | 577 | 50603 | 548 | 53603 | 448 | 64693 | 03 | 1 |
| 367 | 736 | 11018 | 690 | 07041 | 616 | 01545 | 458 | 62645 | 03 | 6 |
| 501 | 400 | 68754 | 375 | 70824 | 274 | 89986 | 166 | 13996 | 03 | 1 |
| 525 | | | | | | | | | | |

# RADIOSONDE AND RAWINSONDE DATA

JULY 16

| Index No. iii | Station Name | 1000 mb hhh | 1000 mb TTTTT$_{ddx}$ | 1000 mb dd | 1000 mb ff | 850 mb hhh | 850 mb TTTTT$_{ddx}$ | 850 mb dd | 850 mb ff | 700 mb hhh | 700 mb TTTTT$_{ddx}$ | 700 mb dd | 700 mb ff | 500 mb hhh | 500 mb TTTTT$_{ddx}$ | 500 mb dd | 500 mb ff | Hour GG | Code Type |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 741 | MANAGUA | 041 | 24179 | 11 | 5 | 505 | | 07 | 12 | 045 | 10003 | 09 | 11 | 940 | 55647 | 08 | 11 | 03 | 1 |
| 967 | CHAGUARAMAS | 046 | 25206 | | | 513 | 16115 | | | 049 | 09022 | | | 935 | 58990 | | | 03 | 1 |
| 972 | WALLER FIELD | 045 | 23212 | | | 506 | 17132 | 06 | 21 | 042 | 08005 | 08 | 15 | 928 | 57990 | 08 | 20 | 03 | 1 |
| | BLOCK 80 | | | | | | | | | | | | | | | | | | |
| 050 | BARRANQUILLA | 101 | 42 | | | | | | | *** | ***** | | | *** | ***** | | | 03 | 1 |
| | BLOCK 91 | | | | | | | | | | | | | | | | | | |
| 066 | MIDWAY ISL | 064 | 25199 | 09 | 16 | 526 | 15115 | 09 | 8 | 061 | 08558 | 07 | 11 | 948 | 56999 | | | 03 | 1 |
| 182 | HONOLULU | 049 | 23162 | 11 | 18 | 507 | 14091 | 10 | 13 | 040 | 09996 | 10 | 4 | 935 | 55991 | 08 | 6 | 03 | 1 |
| 215 | HARMON FLD | 027 | 30232 | 07 | 11 | 494 | 17165 | 05 | 10 | 030 | 08041 | 04 | 17 | 319 | 56606 | 04 | 15 | 03 | 1 |
| 245 | WAKE ISLAND | 046 | 26219 | 08 | 12 | 510 | 17121 | 09 | 17 | 047 | 10011 | 07 | 23 | 926 | 57702 | 18 | 16 | 03 | 1 |
| 366 | KWAJALEIN | 030 | 25227 | 12 | 2 | 492 | 16991 | 10 | 17 | 026 | 08993 | 10 | 23 | 918 | 55992 | 10 | 23 | 03 | 1 |
| 413 | YAP | 026 | 31240 | | | 489 | 18115 | | | 030 | 10012 | | | 917 | 59637 | | | 03 | 6 |
| | BLOCK 98 | | | | | | | | | | | | | | | | | | |
| 327 | CLARK FIELD | 027 | | | | 498 | 20174 | 21 | 8 | 042 | 12055 | 17 | 7 | 946 | 52624 | 07 | 5 | 03 | 1 |
| 645 | CEBU | 028 | 30223 | | | 499 | 18125 | | | 034 | 11011 | | | 932 | 55652 | | | 03 | 8 |
| QLL | OCEAN STA | | | | | | | | | | | | | | | | | | |
| 034 | 0 355 400 | 053 | 23173 | 23 | 17 | 513 | 14116 | 26 | 15 | 045 | 06045 | 25 | 17 | 925 | 59611 | 32 | 22 | 03 | 9 |
| 035 | 0 340 520 | 070 | 23206 | 28 | 13 | 532 | 16101 | 31 | 12 | 067 | 09645 | 31 | 14 | 953 | 56765 | 33 | 13 | 03 | 9 |
| 037 | 0 360 700 | 046 | 25231 | 22 | 19 | 510 | 17148 | 25 | 12 | 049 | 09032 | 23 | 16 | 940 | 55601 | 21 | 16 | 03 | 9 |
| 041 | 0 450 160 | 277 | 14147 | | | 500 | 02020 | | | 080 | 52523 | | | 689 | 67712 | | | 02 | 8 |
| 044 | 0 450 450 | 052 | 17162 | 13 | 15 | 505 | 13107 | 16 | 7 | 035 | 07637 | 20 | 10 | 917 | 59722 | | | 03 | 9 |
| 051 | 0 533 192 | 063 | 51440 | | | 500 | 35330 | | | 012 | 32100 | | | 871 | 04820 | | | 02 | 7 |
| 053 | 0 527 355 | 072 | 11081 | 15 | 13 | 513 | 09044 | 18 | 9 | 034 | 01543 | 19 | 5 | 896 | 65701 | 17 | 4 | 03 | 9 |
| 055 | 0 565 510 | 048 | 08089 | | | 489 | 05054 | | | 002 | 53545 | | | 849 | 67998 | | | 03 | 9 |
| 062 | 0 599 198 | 067 | 47430 | 31 | 6 | 500 | 40320 | 23 | 11 | 016 | 27250 | 33 | 11 | 870 | 01720 | 35 | 13 | 02 | 2 |
| 063 | 0 620 330 | 066 | 05041 | | | 504 | 06542 | | | 019 | 51631 | 26 | 18 | 871 | 68782 | 33 | 5 | 03 | 9 |
| 134 | 1 300 400 | 081 | 18161 | 04 | 18 | 532 | 13054 | 05 | 17 | 064 | 06594 | 06 | 14 | 944 | 58999 | 10 | 10 | 03 | 9 |
| 144 | 1 490 480 | 071 | 13122 | 26 | 12 | 516 | 07069 | 25 | 23 | 035 | 50528 | 25 | 35 | 897 | 65731 | 26 | 58 | 03 | 9 |
| 223 | 2 291 350 | 038 | 25 | | | 484 | 16 | | | 021 | 09*** | | | 913 | 52*** | | | 03 | 1 |
| 235 | 2 390 525 | 039 | 19 | | | 490 | 15 | | | 024 | 09*** | | | 920 | 53*** | | | 03 | 1 |
| 246 | 2 440 650 | 016 | 11107 | 30 | 12 | 459 | 05036 | 27 | 20 | 972 | 52592 | 27 | 12 | 833 | 65096 | 28 | 12 | 03 | 9 |
| 360 | 3 660 020 | 158 | 07039 | 33 | 18 | 475 | 50563 | 34 | 24 | 016 | 54621 | 33 | 30 | 603 | 69785 | 32 | 48 | 03 | 5 |

JULY 17

| Index No. iii | Station Name | 1000 mb hhh | 1000 mb TTTTT$_{ddx}$ | 1000 mb dd | 1000 mb ff | 850 mb hhh | 850 mb TTTTT$_{ddx}$ | 850 mb dd | 850 mb ff | 700 mb hhh | 700 mb TTTTT$_{ddx}$ | 700 mb dd | 700 mb ff | 500 mb hhh | 500 mb TTTTT$_{ddx}$ | 500 mb dd | 500 mb ff | Hour GG | Code Type |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | BLOCK 01 | | | | | | | | | | | | | | | | | | |
| 001 | JAN MAYEN | 152 | 02021 | | | 460 | 01509 | | | 017 | 57582 | | | 570 | 72742 | | | 03 | 8 |
| 030 | TROMSO | 087 | 03021 | | | 380 | 57581 | | | 867 | 64651 | | | 355 | 78821 | | | 03 | 8 |
| 384 | GARDERMOEN | 108 | 99999 | | | 453 | 08009 | 35 | 14 | 029 | 53582 | | | 611 | 70773 | | | 03 | 5 |
| 415 | SOLA | 106 | 10083 | | | 470 | 09019 | | | 048 | 52611 | | | 638 | 70794 | | | 03 | 8 |
| | BLOCK 02 | | | | | | | | | | | | | | | | | | |
| 057 | LULEA KALLAS | 078 | 06011 | | | 380 | 53565 | | | 890 | 60624 | | | 415 | 73753 | | | 03 | 8 |
| 077 | STOCKHOLM | 116 | 11108 | 11 | 5 | 490 | 06012 | 29 | 12 | 027 | 55606 | 28 | 20 | 600 | 68755 | 29 | 22 | 03 | 5 |
| 084 | GOTEBORG | 093 | 16132 | | | 457 | 07006 | | | 023 | 52581 | | | 612 | 68777 | | | 03 | 8 |
| | BLOCK 03 | | | | | | | | | | | | | | | | | | |
| 005 | LERWICK | 045 | 49400 | | | 483 | 45160 | 02 | 7 | 999 | 31100 | 01 | 3 | 855 | 04760 | 29 | 7 | 02 | 2 |
| 026 | STORNOWAY | 047 | 51401 | | | 482 | 34210 | 05 | 9 | 999 | 33060 | 35 | 3 | 856 | 05700 | | | 02 | 2 |
| 743 | LARKHILL | 025 | | | | 470 | 44400 | 18 | 9 | 985 | 27250 | 19 | 12 | 838 | 98890 | 19 | 18 | 02 | 2 |
| 808 | CAMBORNE | 017 | | | | 465 | 44410 | 06 | 9 | 976 | 27240 | 05 | 6 | 826 | 99870 | 26 | 6 | 02 | 2 |
| 917 | ALDERGROVE | 041 | | | | 480 | 41230 | 03 | 14 | 997 | 32240 | 04 | 9 | 852 | 00060 | 07 | 17 | 02 | 2 |
| 953 | VALENTIA | 036 | 54 0 | 01 | 7 | 475 | 39 0 | | | 989 | 27**0 | | | 837 | 00**0 | | | 03 | 2 |
| | BLOCK 04 | | | | | | | | | | | | | | | | | | |
| 018 | KEFLAVIK | 048 | 09073 | 02 | 4 | 494 | 03025 | 10 | 5 | 993 | 54587 | 03 | 10 | 834 | 72765 | 36 | 19 | 03 | 1 |
| 202 | THULE | 068 | 00001 | 19 | 5 | 501 | 03004 | 16 | 2 | 012 | 53661 | 26 | 15 | 865 | 69764 | 26 | 19 | 03 | 1 |
| | BLOCK 06 | | | | | | | | | | | | | | | | | | |
| 011 | THORSHAVN | 161 | 07029 | | | 478 | 52547 | | | 032 | 52608 | | | 629 | 66761 | | | 03 | 8 |
| 180 | KOBENHAVN | 095 | 14147 | 00 | | 457 | 07057 | 00 | | 028 | 00593 | 00 | | 646 | 65721 | 24 | 18 | 03 | 5 |
| 260 | DE BILT | 086 | 16160 | | | 462 | 10073 | | | 050 | 00501 | | | 676 | 65741 | | | 03 | 8 |
| 447 | UCCLE | 090 | | | | 451 | 09042 | | | 029 | 50539 | | | 636 | 67712 | | | 03 | 8 |
| | BLOCK 07 | | | | | | | | | | | | | | | | | | |
| 110 | BREST | 068 | | | | 430 | 07071 | | | 004 | 52540 | | | 600 | 68778 | | | 02 | 8 |
| 145 | TRAPPES | 104 | | | | 440 | 05026 | | | 010 | 52586 | | | 558 | 66819 | | | 02 | 8 |
| 190 | STRASBOURG | 121 | | | | 490 | 08057 | | | 075 | 50547 | | | 710 | 64731 | | | 03 | 8 |
| 480 | LYON | 122 | | | | 510 | 11073 | | | 087 | 51510 | | | 740 | 66715 | | | 02 | 8 |
| 510 | BORDEAUX | 145 | 15134 | 23 | 6 | 530 | 08076 | 24 | 20 | 094 | 02510 | 24 | 30 | 740 | 63715 | 23 | 30 | 02 | 5 |
| 645 | NIMES | 120 | 20114 | | | 500 | 11014 | | | 093 | 00554 | | | 728 | 66794 | | | 02 | 8 |
| | BLOCK 08 | | | | | | | | | | | | | | | | | | |
| 509 | LAGENS | 058 | 20191 | 19 | 16 | 513 | 14047 | 20 | 23 | 044 | 03536 | 23 | 22 | 920 | 50920 | 21 | 23 | 03 | 1 |
| 521 | FUNCHAL | 186 | 2115 | | | 576 | 17502 | | | 210 | 11621 | | | 932 | 57754 | | | 14 | 8 |
| 536 | PORTELA | 176 | 99959 | | | 548 | 05039 | | | 154 | 05998 | | | 826 | 60759 | | | 14 | 8 |
| | BLOCK 10 | | | | | | | | | | | | | | | | | | |
| 384 | TEMPELHOF | 073 | 16167 | 27 | 3 | 449 | 10053 | 26 | 16 | 037 | 00542 | 22 | 17 | 655 | 65797 | 21 | 15 | 03 | 5 |
| 419 | ISERLOHN | 045 | | | | 497 | 55450 | 24 | 15 | 022 | 37260 | 22 | 16 | 894 | 11910 | 22 | 12 | 02 | 2 |
| 633 | WIESBADEN | 113 | | | | 414 | 08058 | 24 | 14 | 049 | 52568 | 23 | 19 | 642 | 68740 | 26 | 22 | 03 | 5 |
| 866 | MUNCHEN RIEM | 125 | 99999 | 99 | 99 | 497 | 10033 | 25 | 13 | 081 | 51523 | 25 | 17 | 689 | 67693 | 25 | 17 | 03 | 5 |
| | BLOCK 11 | | | | | | | | | | | | | | | | | | |
| 030 | TULLN | 104 | | | | 487 | 11094 | 21 | 13 | 086 | 02515 | 24 | 14 | 718 | 64694 | 25 | 8 | 03 | 5 |
| 567 | PRAHA KBELY | 106 | | | | 480 | 12071 | | | 070 | 01019 | | | 700 | 64664 | | | 04 | 5 |
| | BLOCK 40 | | | | | | | | | | | | | | | | | | |
| 427 | BAHREIN | 509 | | | | 472 | 89420 | 02 | 5 | 031 | 64240 | | | 935 | 26950 | 13 | 5 | 14 | 2 |
| 648 | HABBANIYA | 001 | | | | 474 | 78410 | | | 027 | 64160 | | | *** | 34876 | | | 02 | 7 |
| | BLOCK 42 | | | | | | | | | | | | | | | | | | |
| 182 | NEW DELHI | 503 | | | | 149 | 26190 | | | 311 | 14060 | | | 589 | 00590 | | | 15 | 8 |
| 339 | JODHPUR | 502 | | | | 143 | 24180 | | | 311 | 16110 | | | 590 | 01500 | | | 15 | 8 |
| 807 | CALCUTTA | 002 | 27260 | | | 142 | 19180 | | | 311 | 10100 | | | 584 | 54540 | | | 15 | 8 |
| 909 | VERAVAL | 003 | 27250 | | | 145 | 19150 | | | 311 | 12070 | | | 587 | 50*** | | | 14 | 8 |
| | BLOCK 43 | | | | | | | | | | | | | | | | | | |
| 063 | POONA | 005 | | | | 147 | 19170 | | | 313 | 13050 | | | 588 | 51*** | | | 14 | 8 |
| 149 | VIZAGAPATAM | 004 | | | | 146 | 20160 | | | 312 | 09080 | | | 585 | 56*** | | | 14 | 8 |
| 279 | MADRAS | 006 | 26230 | | | 149 | 20160 | | | 314 | 10080 | | | 588 | 55*** | | | 14 | 8 |
| 371 | TRIVANDRUM | 008 | 26230 | | | 151 | 18160 | | | 315 | 10060 | | | 586 | 58*** | | | 15 | 8 |
| | BLOCK 45 | | | | | | | | | | | | | | | | | | |
| 007 | KAI TAK | 009 | 26240 | | | 150 | 18110 | | | 315 | 12020 | | | 587 | 52**0 | | | 22 | 8 |
| | BLOCK 47 | | | | | | | | | | | | | | | | | | |
| 580 | MISAWA | 030 | 29188 | 24 | 19 | 498 | 19138 | 27 | 30 | 008 | 12021 | 27 | 49 | 940 | 53992 | 26 | 28 | 03 | 1 |
| 590 | SENDAI DCMO | 036 | 31243 | | | 505 | 22151 | | | 046 | 15060 | | | 949 | 52636 | | | 03 | 1 |
| 600 | WAJIMA | 036 | 32193 | | | 505 | 23103 | | | 050 | 13004 | | | 942 | 53679 | | | 03 | 1 |
| 671 | TOKYO | 039 | 28201 | 19 | 16 | 505 | 19049 | 24 | 5 | 046 | 10611 | 22 | 10 | 932 | 58990 | 22 | 12 | 03 | 1 |
| 744 | YONAGO | 031 | 30217 | | | 496 | 19124 | | | 036 | 10026 | | | 924 | 54568 | | | 03 | 1 |
| 778 | SHIONOMISAKI | 044 | 26231 | | | 504 | 18132 | | | 041 | 10025 | | | 933 | 54663 | | | 03 | 1 |
| 808 | ITAZUKE | 011 | 25207 | 13 | 11 | 468 | 20166 | 12 | 66 | 015 | 13086 | 16 | 31 | 934 | 61667 | 11 | 33 | 03 | 1 |
| | BLOCK 60 | | | | | | | | | | | | | | | | | | |
| 120 | PORT LYAUTEY | 050 | 16146 | | | 498 | 09990 | | | 012 | 51625 | | | 859 | 71762 | | | 03 | 6 |
| 390 | M BLANCHE | 127 | 22121 | 00 | | 540 | 20001 | 26 | 11 | 183 | 08612 | 26 | 28 | 858 | 63754 | 25 | 11 | 02 | 5 |
| 715 | TUNIS | 109 | 25202 | 25 | 7 | 550 | 24032 | 07 | 14 | *** | 12632 | 30 | 26 | 889 | 60746 | | | 02 | 5 |
| | BLOCK 61 | | | | | | | | | | | | | | | | | | |
| 642 | DAKAR OUAKAM | 113 | 24192 | 29 | 4 | 530 | 17151 | 14 | 6 | 151 | 09032 | 12 | 5 | 843 | 57746 | 12 | 5 | 07 | 5 |
| | BLOCK 62 | | | | | | | | | | | | | | | | | | |
| 366 | FAROUK | 070 | 20184 | | | 468 | 19048 | 04 | 10 | 115 | 11**1 | 19 | 14 | 847 | 52**7 | 19 | 20 | 03 | 5 |
| | BLOCK 70 | | | | | | | | | | | | | | | | | | |
| 200 | NOME | 040 | 10078 | 16 | 9 | 476 | 01501 | 15 | 15 | 982 | 56611 | 18 | 22 | 826 | 69833 | 24 | 38 | 03 | 1 |
| 204 | GAMBELL | | 0 | | | | | | | | | | | | | | | | |
| 219 | BETHEL | 041 | 11043 | 18 | 9 | 478 | 04501 | | | 988 | 53612 | | | 852 | 65679 | | | 03 | 1 |
| 231 | MCGRATH | 042 | 18083 | 23 | 6 | 488 | 05027 | | | 001 | 52562 | | | 853 | 67764 | | | 03 | 1 |
| 273 | ANCH MERRILL | 047 | 15079 | 27 | 8 | 482 | 05027 | 17 | 11 | 998 | 51591 | 15 | 6 | 854 | 68772 | 14 | 6 | 03 | 1 |
| 291 | NORTHWAY | 030 | | | | 490 | 18033 | 31 | 4 | 010 | 50559 | 25 | 4 | 861 | 69762 | 09 | 8 | 03 | 1 |
| 350 | KODIAK | 101 | 54 | | | | | | | *** | ***** | | | *** | ***** | | | 03 | 1 |
| 361 | YAKUTAT | 052 | 09077 | 26 | 5 | 490 | 06034 | 36 | 4 | 004 | 52559 | 04 | 4 | 853 | 69116 | 04 | 1 | 03 | 1 |
| 381 | JUNEAU | 046 | 12061 | 01 | 3 | 485 | 03025 | | | 000 | 52553 | | | 858 | 65681 | | | 03 | 1 |
| 398 | ANNETTE IS | 055 | 11084 | 24 | 13 | 493 | 01017 | 24 | 4 | 000 | 53569 | 32 | 9 | 848 | 67996 | 30 | 10 | 03 | 1 |
| 409 | MASSACRE BAY | 510 | | | | 449 | 01401 | 26 | 30 | 952 | 52543 | 28 | 32 | 800 | 67743 | 24 | 52 | 03 | 1 |
| 439 | AMCHITKA | 007 | | | | 434 | 08569 | 27 | 18 | 955 | 02998 | 26 | 20 | 818 | 65827 | | | 03 | 1 |
| 454 | LONGVIEW | | 1 | | | | | | | | | | | | | | | | |
| 485 | FORT GLENN | 101 | 43 | | | | | | | *** | ***** | | | *** | ***** | | | 03 | 1 |
| | BLOCK 72 | | | | | | | | | | | | | | | | | | |
| 202 | MIAMI | 050 | 24215 | 17 | 2 | 511 | 16119 | 17 | 7 | 043 | 05027 | 13 | 5 | 923 | 57990 | 05 | 7 | 03 | 1 |
| 208 | CHARLESTON | 047 | 25247 | 22 | 16 | 512 | 18112 | 22 | 30 | 051 | 07021 | 21 | 23 | 936 | 56608 | 19 | 7 | 03 | 1 |
| 211 | TAMPA | 052 | 25213 | 15 | 11 | 516 | 17131 | 20 | 10 | 052 | 07012 | 13 | 6 | 933 | 58618 | | | 03 | 1 |
| 219 | ATLANTA | 041 | | | | 503 | 17101 | 23 | 29 | 037 | 07037 | 23 | 30 | 924 | 56581 | | | 03 | 1 |
| 231 | NEW ORLEANS | 035 | 24224 | 17 | 7 | 500 | 18117 | 24 | 15 | 037 | 08029 | 23 | 25 | 928 | 54639 | 24 | 30 | 03 | 1 |
| 240 | LAKE CHARLES | 030 | 24223 | 22 | 11 | 494 | 17139 | 26 | 8 | 030 | 08044 | 28 | 11 | 919 | 56712 | 26 | 11 | 03 | 1 |
| 250 | BROWNSVILLE | 031 | 26245 | 14 | 6 | 499 | 20131 | 16 | 6 | 039 | 11003 | 22 | 13 | 935 | 55616 | 28 | 9 | 03 | 1 |
| 253 | SAN ANTONIO | 030 | | | | 497 | 19139 | 08 | 8 | 037 | 08088 | 02 | 17 | 930 | 55991 | 36 | 12 | 03 | 1 |
| 259 | FT WORTH | 003 | | | | 499 | 18134 | 36 | 8 | 036 | 08516 | 35 | 12 | 923 | 56999 | 34 | 19 | 03 | 1 |
| 265 | BIG SPRING | 020 | | | | 497 | 24105 | 14 | 9 | 040 | 10031 | 33 | 17 | 932 | 53718 | 36 | 23 | 03 | 1 |
| 270 | EL PASO | 008 | | | | 491 | 30112 | 23 | 5 | 046 | 15052 | 06 | 4 | 946 | 54691 | | | 03 | 1 |
| 278 | PHOENIX | 006 | | | | 493 | 30147 | 27 | 13 | 050 | 16067 | 36 | 11 | 952 | 54996 | 08 | 10 | 03 | 1 |
| 304 | HATTERAS | 050 | 25234 | 20 | 22 | 514 | 17116 | 23 | 26 | 050 | 07037 | 22 | 27 | 936 | 56654 | 19 | 30 | 03 | 1 |
| 317 | GREENSBORO | 044 | | | | 502 | 14129 | 22 | 14 | 035 | 06044 | | | 924 | 56592 | | | 03 | 1 |
| 327 | NASHVILLE | 032 | | | | 495 | 17145 | 31 | 5 | 030 | 06048 | 23 | 8 | 917 | 57619 | 23 | 17 | 03 | 1 |
| 340 | LITTLE ROCK | 029 | 22207 | 09 | 3 | 492 | 18113 | 33 | 7 | 028 | 06013 | 29 | 10 | 909 | 58713 | 28 | 18 | 03 | 1 |
| 353 | OKLAHOMA CTY | 027 | | | | 495 | 19121 | 35 | 6 | 032 | 08579 | 35 | 13 | 923 | 56998 | 36 | 15 | 03 | 1 |
| 365 | ALBUQUERQUE | 502 | | | | 483 | | | | 043 | 17057 | 19 | 3 | 948 | 56608 | 31 | 19 | 03 | 1 |
| 386 | LAS VEGAS | 506 | | | | 486 | 33031 | 25 | 18 | 045 | 17501 | 26 | 15 | 945 | 54997 | | | 03 | 1 |
| 394 | SANTA MARIA | 029 | 14127 | 28 | 9 | 496 | 27023 | 35 | 10 | 045 | 14553 | 17 | 23 | 944 | 55641 | 23 | 9 | 03 | 1 |
| 405 | WASHINGTON | 043 | 23217 | | | 504 | 16144 | | | 040 | 08042 | | | 928 | 57593 | | | 03 | 1 |
| 445 | COLUMBIA | 032 | | | | 495 | 17113 | 10 | 16 | 030 | 07012 | 07 | 8 | 912 | 59990 | 03 | 18 | 03 | 1 |
| 451 | DODGE CITY | 021 | | | | 490 | 21119 | 17 | 12 | 032 | 12616 | 36 | 12 | 928 | 55724 | | | 03 | 1 |
| 476 | GRAND JUNC | 004 | | | | 487 | 28072 | 04 | 4 | 041 | 15017 | 29 | 16 | 938 | 56598 | 30 | 37 | 03 | 1 |
| 486 | ELY | 512 | | | | 476 | | | | 039 | 18527 | 32 | 14 | 943 | 56623 | 24 | 24 | 03 | 1 |
| 493 | OAKLAND | 027 | 15107 | 29 | 8 | 495 | 26542 | 28 | 6 | 042 | 12605 | 24 | 6 | 935 | 55748 | 23 | 19 | 03 | 1 |
| 506 | NANTUCKET | 101 | 42 | | | | | | | *** | ***** | | | *** | ***** | | | 03 | 1 |
| 518 | ALBANY | 043 | 24203 | 17 | 8 | 506 | 16117 | 22 | 2 | 038 | 06577 | 21 | 10 | 922 | 59990 | 23 | 6 | 03 | 1 |
| 520 | PITTSBURGH | 040 | | | | 504 | 16129 | | | 037 | 05026 | | | 917 | 57608 | | | 03 | 1 |
| 528 | BUFFALO | 042 | | | | 506 | 17075 | 16 | 9 | 038 | 06597 | 21 | 10 | 926 | 57991 | | | 03 | 1 |
| 534 | CHICAGO | 037 | | | | 500 | 16093 | 14 | 3 | 028 | 06593 | 04 | 7 | 905 | 60994 | 35 | 7 | 03 | 1 |
| 536 | TOLEDO | 038 | | | | 500 | 16031 | 16 | 8 | 032 | 07632 | 13 | 12 | 912 | 60651 | | | 03 | 1 |
| 553 | OMAHA | 028 | | | | 491 | 15069 | 18 | 13 | 026 | 09992 | 24 | 7 | 914 | 58990 | 32 | 16 | 03 | 1 |
| 562 | N PLATTE | 008 | | | | 481 | 23111 | 19 | 35 | 032 | 14014 | 26 | 20 | 928 | 58653 | 34 | 21 | 03 | 1 |
| 576 | LANDER | 515 | | | | 469 | | | | 025 | 15575 | 27 | 31 | 919 | 58770 | 27 | 29 | 03 | 1 |
| 597 | MEDFORD | 036 | | | | 501 | 17021 | 26 | 5 | 037 | 10643 | 28 | 10 | 922 | 59775 | 25 | 34 | 03 | 1 |
| 600 | SABLE ISLAND | 050 | 13117 | | | 502 | 14017 | | | 031 | 04543 | | | 902 | 60736 | | | 03 | 1 |
| 606 | PORTLAND | 049 | 17169 | | | 506 | 14112 | | | 036 | 07998 | | | 916 | 60992 | | | 03 | 1 |
| 655 | ST CLOUD | 024 | | | | 490 | 17075 | 19 | 22 | 022 | 07603 | 20 | 10 | 902 | 60990 | 28 | 10 | 03 | 1 |
| 662 | RAPID CITY | 518 | | | | 460 | 29062 | 21 | 18 | 014 | 13017 | 23 | 8 | 908 | 58657 | 25 | 26 | 03 | 1 |
| 681 | BOISE | 024 | | | | 492 | 21521 | 34 | 20 | 029 | 08654 | 27 | 30 | 911 | 59997 | 27 | 37 | 03 | 1 |
| 712 | CARIBOU | 045 | | | | 502 | 12059 | 25 | 21 | 028 | 04997 | 26 | 24 | 899 | 63990 | 27 | 39 | 03 | 1 |
| 734 | SAULT MARIE | 037 | | | | 498 | 15075 | 25 | 15 | 087 | 04003 | 27 | 23 | 903 | 60744 | 26 | 29 | 03 | 1 |
| 747 | INTL FALLS | 016 | | | | 480 | 18073 | 23 | 22 | 015 | 07503 | 27 | 8 | 890 | 61759 | 36 | 10 | 03 | 1 |
| 764 | BISMARCK | 516 | | | | 460 | 26074 | 18 | 31 | 009 | 13527 | 22 | 14 | 900 | 59689 | 30 | 21 | 04 | 1 |
| 768 | GLASGOW | 001 | | | | 466 | 15588 | 31 | 40 | 994 | 03676 | 27 | 54 | 869 | 61775 | | | 03 | 1 |
| 775 | GREAT FALLS | 010 | | | | 474 | 15528 | 28 | 28 | 000 | 02663 | 26 | 46 | 869 | 62994 | 27 | 79 | 03 | 1 |
| 785 | SPOKANE | 034 | | | | 494 | 13521 | 25 | 20 | 016 | 01662 | 28 | 21 | 878 | 63999 | 28 | 53 | 03 | 1 |
| 798 | TATOOSH IS | 063 | 11091 | 26 | 18 | 500 | 50007 | 31 | 7 | 015 | 50643 | 31 | 21 | *** | ***** | | | 03 | 1 |
| 807 | ARGENTIA | 101 | 40 | | | | | | | *** | ***** | | | *** | ***** | | | 03 | 1 |
| 815 | STEPHENVILLE | 044 | 13127 | 12 | 8 | 496 | 09063 | 26 | 22 | 015 | 50564 | 28 | 37 | 868 | 68757 | 24 | 29 | 03 | 1 |
| 816 | GOOSE | 029 | 17121 | 14 | 5 | 481 | 09048 | 22 | 18 | 000 | 00511 | | | 860 | 66687 | 23 | 29 | 03 | 1 |
| 826 | NITCHEQUON | 020 | | | | 466 | 06523 | | | 976 | 53693 | | | 824 | 67704 | | | 03 | 1 |
| 836 | MOOSONEE | 015 | 16159 | | | 463 | 11078 | | | 989 | 00519 | | | 854 | 63663 | | | 03 | 1 |
| 867 | THE PAS | 507 | | | | 489 | 20122 | | | 995 | 09032 | | | 876 | 60641 | | | 03 | 1 |
| 879 | EDMONTON | 532 | | | | 417 | 10082 | 32 | 48 | 937 | 00548 | 35 | 43 | 794 | 67834 | 35 | 48 | 03 | 1 |
| 896 | PRINCE GEORG | 036 | | | | 483 | 07013 | 26 | 16 | 095 | 54551 | 29 | 12 | 851 | 66993 | 34 | 17 | 03 | 1 |
| 906 | FT CHIMO | 077 | 12036 | 12 | 5 | 461 | 02559 | | | 965 | 60632 | | | 851 | 76819 | | | 03 | 1 |
| 907 | PORT HARRISN | 011 | 01008 | | | 433 | 56571 | | | 922 | 67692 | | | 724 | 82918 | | | 03 | 1 |

# RADIOSONDE AND RAWINSONDE DATA— Continued

| Index No. iii | 300 mb hhh | 300 mb TTTTT$_{ddx}$ | 300 mb dd | 300 mb ff | 200 mb hhh | 200 mb TTTTT$_{ddx}$ | 200 mb dd | 200 mb ff | 100 mb hhh | 100 mb TTTTT$_{ddx}$ | 100 mb dd | 100 mb ff | Hour GG | Code Type |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 741 | 190 | 84901 | 11 | 11 | | | | | | | | | 03 | 1 |
| 967 | 176 | 84990 | | | | | | | | | | | 03 | 1 |
| 972 | 177 | 80993 | 07 | 21 | 086 | 02994 | 05 | 16 | | | | | 03 | 1 |
| 80 | | | | | | | | | | | | | | |
| 050 | 101 | 42 | | | | | | | | | | | 03 | 1 |
| 91 | | | | | | | | | | | | | | |
| 066 | 184 | 84990 | | | 074 | 02994 | | | 517 | 13997 | | | 03 | 1 |
| 182 | 177 | 85967 | 31 | 17 | 057 | 06993 | 30 | 32 | 440 | 18995 | 20 | 7 | 03 | 1 |
| 215 | 163 | 82991 | 12 | 10 | 061 | 03994 | 10 | 25 | 428 | 18994 | 19 | 20 | 03 | 1 |
| 245 | 176 | 84964 | 21 | 22 | 062 | 16990 | 28 | 23 | | | | | 03 | 1 |
| 366 | 176 | 79999 | 09 | 13 | 085 | 99998 | 29 | 9 | 478 | 19990 | 19 | 12 | 03 | 1 |
| 413 | 174 | 82990 | | | 059 | 04990 | | | | | | | 03 | 6 |
| 98 | | | | | | | | | | | | | | |
| 327 | 215 | 77997 | 09 | 12 | 132 | 97994 | 11 | 18 | | | | | 03 | 1 |
| 645 | 178 | 82994 | | | 076 | 02991 | | | 446 | 27994 | | | 03 | 8 |
| QLL | | OCEAN STA | | | | | | | | | | | | |
| 034 | 161 | 86990 | 32 | 35 | 042 | 07993 | 34 | 35 | 444 | 14999 | 36 | 48 | 03 | 9 |
| 035 | 200 | 83921 | | | 092 | 05995 | | | 462 | 19995 | | | 03 | 9 |
| 037 | 193 | 80909 | 23 | 13 | 090 | 04992 | 22 | 9 | | | | | 03 | 9 |
| 041 | 931 | 95 0 | | | | | | | | | | | 02 | 8 |
| 044 | 150 | 85997 | 14 | 37 | 034 | 02998 | 11 | 53 | 449 | 12995 | | | 03 | 9 |
| 051 | 067 | 54 0 | | | | | | | | | | | 02 | 7 |
| 053 | 101 | 43 | | | | | | | | | | | 03 | 9 |
| 055 | 032 | 95993 | | | 892 | 00998 | | | 378 | 98996 | | | 03 | 9 |
| 062 | 062 | 52 0 | | | 935 | 37 0 | 28 | 5 | | | | | 02 | 2 |
| 063 | 054 | 95996 | | | 910 | 01997 | | | 400 | 98999 | | | 03 | 9 |
| 134 | 169 | 87992 | 19 | 91 | 064 | 01996 | | | 465 | 17990 | | | 03 | 9 |
| 144 | 102 | 90999 | | | 965 | | | | | | | | 03 | 9 |
| 223 | 201 | 70 | | | 169 | 84 | | | | | | | 03 | 1 |
| 235 | 101 | 43 | | | | | | | | | | | 03 | 1 |
| 246 | 032 | 86997 | | | 832 | 96997 | | | | | | | 03 | 9 |
| 360 | 923 | 91983 | 01 | 25 | 189 | 01990 | 35 | 20 | | | | | 03 | 5 |
| 01 | | | | | | | | | | | | | | |
| 001 | 915 | 94961 | | | 186 | 91996 | | | | | | | 03 | 8 |
| 030 | 879 | 00 0 | | | 135 | 95 1 | | | | | | | 03 | 8 |
| 384 | 921 | 96034 | | | 181 | 06990 | | | 630 | 00993 | | | 03 | 5 |
| 415 | 999 | 99999 | | | 999 | 99999 | | | | | | | 03 | 8 |
| 02 | | | | | | | | | | | | | | |
| 057 | 101 | 43 | | | | | | | | | | | 03 | 8 |
| 077 | 924 | 93994 | 15 | 5 | 187 | 02990 | 26 | 25 | 642 | 97993 | | | 03 | 5 |
| 084 | 921 | 97054 | | | 183 | 02992 | | | | | | | 03 | 8 |
| 03 | | | | | | | | | | | | | | |
| 005 | 047 | 53 0 | 30 | 17 | | | | | | | | | 02 | 2 |
| 026 | 048 | 51 0 | 04 | 10 | | | | | | | | | 02 | 2 |
| 743 | 019 | 48 0 | 22 | 32 | 895 | 49 0 | | | | | | | 02 | 2 |
| 808 | 001 | 46 0 | 24 | 15 | | | | | | | | | 02 | 2 |
| 917 | 039 | 50 0 | 07 | 31 | | | | | | | | | 02 | 2 |
| 953 | 012 | 47 0 | | | 877 | 46 0 | | | | | | | 03 | 2 |
| 04 | | | | | | | | | | | | | | |
| 018 | 002 | 96998 | 33 | 19 | 879 | | | | | | | | 03 | 1 |
| 202 | | | | | | | | | | | | | | |
| 06 | | | | | | | | | | | | | | |
| 011 | 935 | 95990 | | | 185 | 05995 | | | 635 | 00992 | | | 03 | 8 |
| 180 | 930 | 93994 | 25 | 31 | 192 | 03992 | 23 | 22 | 644 | 01996 | | | 03 | 5 |
| 260 | 936 | 92 | | | 202 | 97 | | | | | | | 03 | 8 |
| 447 | 268 | 93 7 | | | 942 | 96 0 | | | | | | | 03 | 8 |
| 07 | | | | | | | | | | | | | | |
| 110 | 101 | 43 | | | | | | | | | | | 02 | 8 |
| 145 | 918 | 95 1 | | | 180 | 05 4 | | | 630 | 02*** | | | 02 | 8 |
| 190 | 940 | 89988 | | | | | | | | | | | 03 | 8 |
| 480 | 935 | 92 7 | | | 198 | 08 0 | | | | | | | 02 | 8 |
| 510 | 936 | 93 4 | 25 | 50 | 199 | 05 4 | 26 | 59 | 642 | 06**1 | 24 | 52 | 02 | 5 |
| 645 | 945 | 94 1 | | | 209 | 03 0 | | | 651 | 06**4 | | | 02 | 8 |
| 08 | | | | | | | | | | | | | | |
| 509 | 101 | 55 | | | | | | | | | | | 03 | 1 |
| 521 | 970 | 84951 | | | 242 | 02999 | | | 667 | 16992 | | | 14 | 8 |
| 536 | 101 | 43 | | | | | | | | | | | 14 | 8 |
| 10 | | | | | | | | | | | | | | |
| 384 | 931 | 93993 | 21 | 38 | | | | | | | | | 03 | 5 |
| 419 | 116 | 66510 | 20 | 16 | | | | | | | | | 02 | 2 |
| 633 | 927 | 92997 | 23 | 30 | 196 | 00993 | | | | | | | 03 | 5 |
| 866 | 933 | 94990 | 22 | 33 | 196 | 00998 | 24 | 24 | | | | | 03 | 5 |
| 11 | | | | | | | | | | | | | | |
| 030 | 938 | 93 3 | 22 | 21 | 203 | 00 3 | 24 | 42 | | | | | 03 | 5 |
| 567 | 940 | 88997 | | | 206 | 04998 | | | 663 | 00994 | | | 04 | 5 |
| 40 | | | | | | | | | | | | | | |
| 427 | 211 | 85720 | 01 | 11 | 134 | 49 0 | 07 | 25 | 541 | 95**0 | 10 | 43 | 14 | 2 |
| 648 | 215 | 90408 | | | 255 | 60400 | | | 615 | ***** | | | 02 | 7 |
| 42 | | | | | | | | | | | | | | |
| 182 | 101 | 43 | | | | | | | | | | | 15 | 8 |
| 339 | 983 | 72 | | | 270 | 92 | | | 722 | 02*** | | | 15 | 8 |
| 807 | 963 | 85 | | | 224 | 28 | | | | | | | 15 | 8 |
| 909 | 980 | 71 | | | 271 | 89 | | | | | | | 14 | 8 |
| 43 | | | | | | | | | | | | | | |
| 063 | 977 | 75 | | | | | | | | | | | 14 | 8 |
| 149 | 968 | 81 | | | 242 | 09 | | | | | | | 14 | 8 |
| 279 | 101 | 43 | | | | | | | | | | | 14 | 8 |
| 371 | 963 | 87 | | | | | | | | | | | 15 | 8 |
| 45 | | | | | | | | | | | | | | |
| 007 | 101 | 50 | | | | | | | | | | | 22 | 8 |
| 47 | | | | | | | | | | | | | | |
| 580 | 209 | 76994 | 27 | 20 | 120 | 02998 | 27 | 18 | | | | | 03 | 1 |
| 590 | 207 | 80927 | | | 107 | 02990 | | | 521 | 13997 | | | 03 | 1 |
| 600 | 202 | 78893 | | | 290 | 98997 | | | | | | | 03 | 1 |
| 671 | 176 | 83998 | 25 | 9 | 072 | 02997 | 28 | 10 | 572 | 18991 | 07 | 8 | 03 | 1 |
| 744 | 162 | 77871 | | | 084 | 99990 | | | | | | | 03 | 1 |
| 778 | 197 | 78882 | | | 107 | 02995 | | | | | | | 03 | 1 |
| 808 | 194 | 75995 | | | | | | | | | | | 03 | 1 |
| 60 | | | | | | | | | | | | | | |
| 120 | 101 | 43 | | | | | | | | | | | 03 | 6 |
| 390 | 101 | 43 | | | | | | | | | | | 02 | 5 |
| 715 | 607 | 90999 | | | | | | | | | | | 02 | 5 |
| 61 | | | | | | | | | | | | | | |
| 642 | 101 | 43 | | | | | | | | | | | 07 | 5 |
| 62 | | | | | | | | | | | | | | |
| 366 | 101 | 43 | | | | | | | | | | | 03 | 5 |
| 70 | | | | | | | | | | | | | | |
| 200 | 019 | 89996 | 26 | 75 | 902 | 98998 | 24 | 38 | 417 | 95998 | 21 | 16 | 03 | 1 |
| 204 | 021 | 90990 | | | 898 | 97990 | | | 416 | 95994 | | | 04 | 1 |
| 219 | 060 | 89926 | | | 933 | 02999 | | | 426 | 97994 | | | 03 | 1 |
| 231 | 047 | 91992 | | | 922 | 98999 | | | 417 | 97995 | | | 03 | 1 |
| 273 | 040 | 94994 | 31 | 28 | 917 | 96998 | 31 | 26 | 418 | 98992 | 36 | 6 | 03 | 1 |
| 291 | | | | | | | | | | | | | | |
| 350 | 101 | 54 | | | | | | | | | | | 03 | 1 |
| 361 | 025 | 97996 | 27 | 8 | 895 | 96997 | 29 | 2 | 407 | 96992 | 34 | 3 | 03 | 1 |
| 381 | 056 | 92998 | | | 919 | 02995 | | | 416 | 97997 | | | 03 | 1 |
| 398 | 035 | 95994 | 29 | 11 | 902 | 97995 | 19 | 3 | | | | | 02 | 1 |
| 409 | | | | | | | | | | | | | | |
| 439 | 071 | 85999 | | | 959 | 93991 | | | | | | | 03 | 1 |
| 454 | 112 | 82901 | | | 006 | 98999 | | | 521 | 94991 | | | 03 | 1 |
| 485 | 101 | 43 | | | | | | | | | | | 03 | 1 |
| 72 | | | | | | | | | | | | | | |
| 202 | 162 | 84992 | 36 | 31 | 052 | | | | | | | | 03 | 1 |
| 208 | 185 | 81859 | 31 | 8 | 083 | 03990 | 02 | 17 | 477 | 15992 | | | 03 | 1 |
| 211 | 171 | 84902 | | | 056 | 06999 | | | 424 | 18995 | | | 03 | 1 |
| 219 | 170 | 83889 | | | 055 | 08994 | | | 424 | ***** | | | 03 | 1 |
| 231 | 182 | 80858 | 24 | 32 | | | | | | | | | 03 | 1 |
| 240 | 169 | 80848 | | | 069 | 03995 | | | 448 | 24994 | | | 03 | 1 |
| 250 | 191 | 80927 | 20 | 15 | 088 | 05991 | 19 | 8 | | | | | 03 | 1 |
| 253 | 101 | 50 | | | | | | | | | | | 03 | 1 |
| 259 | 162 | 83990 | 33 | 26 | 067 | 98992 | 32 | 38 | 491 | ***** | | | 03 | 1 |
| 265 | 178 | 83992 | 36 | 29 | 076 | 03991 | 35 | 37 | 455 | 22990 | 04 | 24 | 03 | 1 |
| 270 | 206 | 80921 | | | 110 | 02990 | | | 487 | 27997 | | | 03 | 1 |
| 278 | 208 | 80998 | | | 110 | | | | | | | | 03 | 1 |
| 304 | 190 | 81871 | 18 | 8 | 086 | 04991 | 07 | 14 | 464 | ***** | | | 03 | 1 |
| 317 | 175 | 82890 | | | 068 | 06994 | | | | | | | 03 | 1 |
| 327 | 158 | 83917 | 23 | 52 | 046 | 06990 | 24 | 54 | | | | | 03 | 1 |
| 340 | 151 | 84935 | 23 | 26 | 045 | 01996 | 23 | 79 | | | | | 03 | 1 |
| 353 | 158 | 86996 | 34 | 37 | 050 | 01994 | 35 | 60 | 456 | ***** | | | 03 | 1 |
| 365 | 200 | 80937 | 35 | 36 | 103 | 01996 | 33 | 36 | | | | | 03 | 1 |
| 386 | 196 | 82947 | | | 092 | 03999 | | | | | | | 03 | 1 |
| 394 | 198 | 81923 | 20 | 20 | 099 | 00994 | 24 | 34 | 483 | 25995 | 18 | 22 | 03 | 1 |
| 405 | 178 | 81883 | | | 094 | 05990 | | | 475 | 16999 | | | 03 | 1 |
| 445 | 145 | 85994 | 33 | 8 | 029 | 04996 | 30 | 15 | 464 | 12995 | 35 | 15 | 03 | 1 |
| 451 | 168 | 84942 | | | 064 | 01999 | | | 477 | ***** | | | 03 | 1 |
| 476 | 182 | 84904 | 28 | 51 | 072 | 04991 | | | | | | | 03 | 1 |
| 486 | 187 | 82937 | | | 082 | 02999 | | | 475 | 21990 | | | 03 | 1 |
| 493 | 181 | 82992 | 23 | 32 | 076 | 03992 | 25 | 27 | 465 | 21994 | | | 03 | 1 |
| 506 | | | | | | | | | | | | | 03 | 1 |
| 518 | 150 | 85883 | | | 037 | 05994 | | | | | | | 03 | 1 |
| 520 | 159 | 84891 | | | | | | | | | | | 03 | 1 |
| 528 | 158 | 85901 | | | 040 | 07993 | | | 444 | 11990 | | | 03 | 1 |
| 534 | 124 | 88999 | | | 998 | 06993 | | | 423 | 11992 | | | 03 | 1 |
| 536 | 142 | 86893 | | | 020 | 08999 | | | | | | | 03 | 1 |
| 553 | 145 | 86978 | | | 025 | 05996 | | | 445 | 15994 | | | 03 | 1 |
| 562 | 158 | 84888 | | | 045 | 06994 | | | | | | | 03 | 1 |
| 576 | 147 | 90995 | | | 033 | 03998 | | | 437 | 19991 | | | 03 | 1 |
| 597 | 101 | 50 | | | | | | | | | | | 03 | 1 |
| 600 | 135 | 82941 | | | 033 | 02997 | | | | | | | 03 | 1 |
| 606 | 143 | 85901 | | | 027 | 07990 | | | 426 | 10993 | | | 03 | 1 |
| 655 | 121 | 89982 | 30 | 21 | 993 | 06996 | 31 | 32 | | | | | 03 | 1 |
| 662 | 137 | 87976 | | | 017 | 04994 | | | | | | | 03 | 1 |
| 681 | 131 | 88997 | | | 020 | 02996 | | | 435 | 15990 | | | 03 | 1 |
| 712 | 106 | 91995 | 29 | 42 | 973 | 05999 | 27 | 81 | 418 | ***** | | | 03 | 1 |
| 734 | 117 | 90950 | 27 | 17 | 988 | 07994 | 26 | 19 | | | | | 03 | 1 |
| 747 | 106 | 90997 | 32 | 24 | 974 | 09994 | 32 | 26 | 409 | ***** | | | 03 | 1 |
| 764 | 129 | 85999 | 30 | 34 | 011 | 09992 | 32 | 53 | 440 | 10995 | 28 | 15 | 04 | 1 |
| 768 | 086 | 90991 | | | 962 | 05990 | | | 402 | 06993 | | | 03 | 1 |
| 775 | 079 | 90998 | | | 956 | 01998 | | | 413 | ***** | | | 03 | 1 |
| 785 | 087 | 89998 | | | 970 | 97996 | | | 440 | ***** | | | 03 | 1 |
| 798 | 101 | 50 | | | | | | | | | | | 03 | 1 |
| 807 | 101 | 40 | | | | | | | | | | | 03 | 1 |
| 815 | 054 | 98995 | 21 | 29 | | | | | | | | | 03 | 1 |
| 816 | 045 | 96990 | 82 | 44 | 911 | | | | | | | | 03 | 1 |
| 826 | 014 | 94994 | | | 878 | 00994 | | | | | | | 03 | 1 |
| 836 | 066 | 90972 | | | 937 | 06998 | | | 398 | 02992 | | | 03 | 1 |
| 867 | 118 | | | | | | | | | | | | 03 | 1 |
| 879 | 010 | 86990 | 01 | 62 | 917 | 92995 | 29 | 16 | 427 | 00990 | 26 | 18 | 03 | 1 |
| 896 | 050 | 92998 | 10 | 27 | 914 | 00990 | 17 | 10 | 408 | 00992 | 22 | 5 | 03 | 1 |
| 906 | 939 | 01990 | | | 852 | 92991 | | | 370 | ***** | | | 03 | 1 |
| 907 | 871 | 87994 | | | 783 | 90994 | | | | | | | 03 | 1 |

# RADIOSONDE AND RAWINSONDE DATA. SIGNIFICANT LEVELS

| Index No. iii | 1st. 5th. etc. Level PPP | 1st. 5th. etc. Level TTTTT$_{ddx}$ | 2nd. 6th. etc. Level PPP | 2nd. 6th. etc. Level TTTTT$_{ddx}$ | 3rd. 7th. etc. Level PPP | 3rd. 7th. etc. Level TTTTT$_{ddx}$ | 4th. 8th. etc. Level PPP | 4th. 8th. etc. Level TTTTT$_{ddx}$ | Hour GG | Code Type |
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| 741 | 008 | 25121 | 400 | 65721 | 278 | 90953 | 234 | | 03 | 1 |
| 967 | 016 | 26227 | 635 | 03595 | 585 | 00997 | 530 | 54997 | 03 | 1 |
| 972 | 011 | 23218 | 908 | 19169 | 789 | 14083 | 665 | 06530 | 03 | 1 |
| 80 | | | | | | | | | | |
| 050 | | | | | | | | | | |
| 91 | | | | | | | | | | |
| 066 | 021 | 27203 | 949 | 21184 | 896 | 18138 | 855 | 16113 | 03 | 1 |
| 182 | 017 | 26192 | 881 | 15116 | 798 | 11051 | 775 | 10507 | 03 | 1 |
| 215 | 002 | 30232 | 936 | 23216 | 815 | 15140 | 722 | 09054 | 03 | 1 |
| 245 | 015 | 29246 | 760 | 11075 | 725 | 11015 | 715 | 11023 | 03 | 1 |
| 366 | 010 | 26209 | 897 | 18163 | 441 | 60992 | 400 | 66990 | 03 | 1 |
| 413 | 007 | 31236 | 882 | 18156 | 797 | 18085 | 400 | 67681 | 03 | 6 |
| 98 | | | | | | | | | | |
| 327 | 990 | 30 | 875 | 21188 | 780 | 61380 | 656 | 09009 | 03 | 1 |
| 645 | 005 | 30234 | 932 | 23192 | 734 | 13022 | 540 | 50699 | 03 | 8 |
| QLL | | OCEAN | STA | | | | | | | |
| 034 | 018 | 24183 | 765 | 09071 | 752 | 10071 | 667 | 03024 | 03 | 9 |
| 035 | 024 | 25221 | 948 | 20173 | 928 | 21131 | 898 | 19072 | 03 | 9 |
| 037 | 015 | 26232 | 934 | 21193 | 858 | 17157 | 845 | 18141 | 03 | 9 |
| 041 | 022 | 17153 | | | | | | | 02 | 8 |
| 044 | 018 | 17153 | 928 | 13135 | 893 | 15145 | 772 | 10052 | 03 | 9 |
| 051 | 023 | 54460 | | | | | | | 02 | 7 |
| 053 | 026 | 12103 | 970 | 10058 | 898 | 04024 | 869 | 10043 | 03 | 9 |
| 055 | 017 | 07075 | 936 | 10104 | 651 | 57596 | 624 | 60692 | 03 | 9 |
| 062 | 025 | 50480 | | | | | | | 02 | 2 |
| 063 | 024 | 06056 | 968 | 03025 | 924 | 08016 | 890 | 08551 | 03 | 9 |
| 134 | 028 | 20180 | 925 | 13115 | 880 | 12095 | 822 | 14522 | 03 | 9 |
| 144 | 025 | 13121 | 683 | 50533 | 635 | 53593 | 400 | 75823 | 03 | 9 |
| 223 | 013 | 26 | 964 | 22 | 784 | 14*** | 665 | 08*** | 03 | 1 |
| 235 | 014 | 21 | 933 | 14 | 556 | 02*** | 401 | 61*** | 03 | 1 |
| 246 | 005 | 11107 | 900 | 08075 | 715 | 51578 | 647 | 53992 | 03 | 9 |
| 360 | 020 | 08059 | 867 | 00561 | 822 | 50587 | 781 | 53603 | 03 | 5 |
| 01 | | | | | | | | | | |
| 001 | 018 | 04024 | 960 | 50501 | 921 | 04011 | 890 | 04504 | 03 | 8 |
| 030 | 009 | 03024 | 753 | 64642 | 705 | 63649 | 662 | 66682 | 03 | 8 |
| 384 | 989 | 11052 | 969 | 11016 | 921 | 08507 | 898 | 09502 | 03 | 5 |
| 415 | 010 | 09085 | 973 | 11089 | 966 | 14104 | 929 | 14077 | 03 | 8 |
| 02 | | | | | | | | | | |
| 057 | 009 | 07013 | 742 | 61611 | 695 | 60625 | 560 | 69713 | 03 | 8 |
| 077 | 011 | 10082 | 989 | 13121 | 925 | 12081 | 670 | 57637 | 03 | 5 |
| 084 | 011 | 09084 | 000 | 16132 | 965 | 15084 | 749 | 00532 | 03 | 8 |
| 03 | | | | | | | | | | |
| 005 | 007 | 50410 | | | | | | | 02 | 2 |
| 026 | 016 | 52401 | | | | | | | 02 | 2 |
| 743 | 993 | 58570 | | | | | | | 02 | 2 |
| 808 | 996 | 58570 | | | | | | | 02 | 2 |
| 917 | 007 | 51440 | | | | | | | 02 | 2 |
| 953 | 012 | 56 0 | 933 | 45 0 | 790 | 37**0 | 636 | 17**0 | 03 | 2 |
| 04 | | | | | | | | | | |
| 018 | 012 | 09087 | 993 | 05041 | 880 | | | | 03 | 1 |
| 202 | 021 | 02003 | 980 | 04044 | 804 | 03572 | 781 | 52618 | 03 | 1 |
| 06 | | | | | | | | | | |
| 011 | 017 | 09033 | 842 | 53541 | 834 | 02808 | 767 | 01568 | 03 | 8 |
| 180 | 011 | 13121 | 992 | 15154 | 956 | 15068 | 417 | 74813 | 03 | 5 |
| 260 | 010 | 14144 | 989 | 18180 | 943 | 15128 | 680 | 51511 | 03 | 8 |
| 447 | 999 | 15127 | 955 | 15111 | 235 | 02**0 | 215 | 96**0 | 03 | 8 |
| 07 | | | | | | | | | | |
| 110 | 997 | 15144 | 974 | 15132 | 876 | 08080 | 843 | 07070 | 02 | 8 |
| 145 | 992 | 14126 | 950 | 12114 | 840 | 04027 | 809 | 04007 | 02 | 8 |
| 190 | 997 | 14123 | 979 | 18133 | 955 | 17124 | 825 | 06026 | 03 | 8 |
| 480 | 992 | 18159 | 968 | 16122 | 934 | 16121 | 900 | 14109 | 02 | 8 |
| 510 | 012 | 14135 | 985 | 16116 | 920 | 13118 | 875 | 09086 | 02 | 5 |
| 645 | 007 | 20114 | 980 | 20094 | 942 | 17065 | 843 | 11002 | 02 | 8 |
| 08 | | | | | | | | | | |
| 509 | 008 | 20195 | 875 | 12103 | 860 | 15061 | 770 | 11553 | 03 | 1 |
| 521 | 015 | 24187 | 914 | 15137 | 885 | 14114 | 864 | 17536 | 14 | 8 |
| 536 | 011 | 23092 | 942 | 15056 | 812 | 11576 | 616 | 50998 | 14 | 8 |
| 10 | | | | | | | | | | |
| 384 | 003 | 17161 | 973 | 15150 | 960 | 16158 | 902 | 15082 | 03 | 5 |
| 419 | 981 | 61540 | | | | | | | 02 | 2 |
| 633 | 997 | 13105 | 914 | 13114 | 765 | 02516 | 733 | 50525 | 03 | 5 |
| 866 | 954 | 15131 | 850 | 10033 | 700 | 51523 | 600 | 58597 | 03 | 5 |
| 11 | | | | | | | | | | |
| 030 | 999 | 16148 | 956 | 18135 | 796 | 01563 | 726 | 00502 | 03 | 5 |
| 567 | 979 | 15134 | 935 | 13092 | 870 | 13084 | 340 | 81990 | 04 | 5 |
| 40 | | | | | | | | | | |
| 427 | 997 | 91790 | 982 | 86780 | 969 | 92820 | 529 | 27070 | 14 | 2 |
| 648 | 995 | 76460 | 985 | 85400 | 905 | 86480 | 827 | 53*** | 02 | 7 |
| 42 | | | | | | | | | | |
| 182 | 973 | 32280 | 945 | 33260 | 521 | 03600 | 315 | 71*** | 15 | 8 |
| 339 | 974 | 26250 | 966 | 26220 | 775 | 19140 | 732 | 19120 | 15 | 8 |
| 807 | 002 | 28260 | 234 | 06 | 193 | 30*** | | | 15 | 8 |
| 909 | 002 | 27250 | 935 | 23200 | 767 | 15110 | 736 | 14070 | 14 | 8 |
| 43 | | | | | | | | | | |
| 063 | 944 | 24220 | 370 | 66 | 350 | 67*** | 275 | 77*** | 14 | 8 |
| 149 | 999 | 27260 | 958 | 27240 | 538 | 52560 | 250 | 90*** | 14 | 8 |
| 279 | 005 | 27240 | 964 | 27190 | 740 | 11090 | 557 | 00540 | 14 | 8 |
| 371 | 002 | 26230 | 959 | 25160 | 250 | 98*** | | | 15 | 8 |
| 45 | | | | | | | | | | |
| 007 | 010 | 26250 | 950 | 24230 | 900 | 21170 | 800 | 17040 | 22 | 8 |
| 47 | | | | | | | | | | |
| 580 | 006 | 30191 | 877 | 21162 | 812 | 17097 | 782 | 17077 | 03 | 1 |
| 590 | 008 | 31255 | 916 | 27183 | 653 | 13032 | 600 | 06532 | 03 | 1 |
| 600 | 012 | 32207 | 911 | 27150 | 784 | 20060 | 744 | 15015 | 03 | 1 |
| 671 | 013 | 29211 | 868 | 20073 | 825 | 19533 | 627 | 04995 | 03 | 1 |
| 744 | 010 | 32212 | 933 | 25172 | 773 | 16077 | 600 | 01561 | 03 | 1 |
| 778 | 006 | 26247 | 960 | 22207 | 875 | 19164 | | 14062 | 03 | 1 |
| 808 | 003 | 26193 | 836 | 20161 | 806 | 20126 | 640 | 09052 | 03 | 1 |
| 60 | | | | | | | | | | |
| 120 | 017 | 17169 | 958 | 13104 | 888 | 08607 | 730 | 00667 | 03 | 5 |
| 390 | 012 | 21120 | 971 | 24177 | 915 | 23067 | 870 | 21021 | 02 | 6 |
| 715 | 012 | 23202 | 953 | 29180 | 808 | 21554 | 532 | 58723 | 02 | 5 |
| 61 | | | | | | | | | | |
| 642 | 009 | 25223 | 948 | 19188 | 889 | 18161 | 880 | 18168 | 07 | 5 |
| 62 | | | | | | | | | | |
| 366 | 000 | 20184 | 950 | 19188 | 778 | 17515 | 730 | 12554 | 03 | 5 |
| 70 | | | | | | | | | | |
| 200 | 014 | 11087 | 788 | 52535 | 768 | 51544 | 597 | 61762 | 03 | 1 |
| 204 | | | | | | | | | | |
| 219 | 014 | 14071 | 880 | 03024 | 754 | 50628 | 732 | 52591 | 03 | 1 |
| 231 | 003 | 18091 | 737 | 51529 | 714 | 51545 | 608 | 58704 | 03 | 1 |
| 273 | 012 | 18108 | 995 | 14065 | 827 | 04010 | 815 | 05007 | 03 | 1 |
| 291 | 952 | 23080 | 786 | 05019 | 779 | 05509 | 662 | 54581 | 03 | 1 |
| 350 | | | | | | | | | | |
| 361 | 018 | 11085 | | 05036 | 902 | 03027 | 878 | 06047 | 03 | 1 |
| 381 | 016 | 12091 | 820 | 04025 | 596 | 58600 | 400 | 76795 | 03 | 1 |
| 398 | 016 | 12091 | 823 | 00000 | 742 | 51577 | 569 | 61777 | 03 | 1 |
| 409 | 990 | 09076 | 845 | 01000 | 755 | 02501 | 605 | 58625 | 03 | 1 |
| 439 | 993 | 07071 | 934 | 03025 | 901 | 10065 | 870 | 10001 | 03 | 1 |
| 454 | | | | | | | | | | |
| 485 | | | | | | | | | | |
| 72 | | | | | | | | | | |
| 202 | 017 | 25235 | 596 | 50545 | 468 | 60722 | 400 | 69745 | 03 | 1 |
| 208 | 015 | 23225 | 967 | 25185 | 790 | 16063 | 400 | 67700 | 03 | 1 |
| 211 | 017 | 24221 | 655 | 04525 | 527 | 56583 | 400 | 69726 | 03 | 1 |
| 219 | 980 | 21217 | 954 | 22195 | 400 | 66707 | 271 | 89957 | 03 | 1 |
| 231 | 012 | 24237 | 890 | 21113 | 474 | 56662 | 400 | 66691 | 03 | 1 |
| 240 | 010 | 24234 | 557 | 51566 | 547 | 51644 | 543 | 52616 | 03 | 1 |
| 250 | 010 | 26249 | 433 | 62671 | 400 | 66775 | 357 | 71852 | 03 | 1 |
| 253 | 983 | 26215 | 972 | 27203 | 805 | 17061 | 665 | 06605 | 03 | 1 |
| 259 | 989 | 26191 | 975 | 28163 | 825 | 16124 | 608 | 02660 | 03 | 1 |
| 265 | 924 | 28138 | 914 | 30136 | 635 | 03552 | 610 | 08662 | 03 | 1 |
| 270 | 879 | 30131 | 862 | 31114 | 596 | 04533 | 468 | 55697 | 03 | 1 |
| 278 | 966 | 38145 | 960 | 40172 | 650 | 10039 | 526 | 58701 | 03 | 1 |
| 304 | 017 | 26851 | 794 | 14051 | 540 | 53575 | 475 | 58726 | 03 | 1 |
| 317 | 984 | 20196 | 400 | 66721 | 266 | 88955 | 194 | 08991 | 03 | 1 |
| 327 | 991 | 22204 | 937 | 19175 | 919 | 22182 | 400 | 68715 | 03 | 1 |
| 340 | 001 | 22207 | 983 | 22185 | 975 | 24191 | 806 | 15081 | 03 | 1 |
| 353 | 966 | 24179 | 950 | 26158 | 800 | 15101 | 745 | 11032 | 03 | 1 |
| 365 | 836 | 28127 | 819 | 29087 | 493 | 57617 | 456 | 61655 | 03 | 1 |
| 386 | 930 | 39021 | 918 | 40062 | 573 | 01609 | 520 | 55616 | 03 | 1 |
| 394 | 002 | 15123 | 986 | 13109 | 966 | 17126 | 938 | 25012 | 03 | 1 |
| 405 | 012 | 24216 | 894 | 17155 | 400 | 66704 | 365 | 72751 | 03 | 1 |
| 445 | 984 | 20187 | 955 | 22175 | 606 | 50553 | 584 | 50716 | 03 | 1 |
| 451 | 921 | 23168 | 908 | 25167 | 726 | 11008 | 650 | 09990 | 03 | 1 |
| 476 | 851 | 28072 | 516 | 55576 | 400 | 67728 | 338 | 77818 | 03 | 1 |
| 486 | 808 | 28027 | 802 | 30012 | 431 | 64698 | 414 | 65748 | 03 | 1 |
| 493 | 009 | 17127 | 957 | 27008 | 938 | 29542 | 659 | 08656 | 03 | 1 |
| 506 | | | | | | | | | | |
| 518 | 005 | 24211 | 742 | 08038 | 660 | 03584 | 636 | 03676 | 03 | 1 |
| 520 | 971 | 22214 | 955 | 23193 | 632 | 50521 | 400 | 68721 | 03 | 1 |
| 528 | 990 | 22124 | 976 | 25082 | 748 | 09033 | 733 | 09600 | 03 | 1 |
| 534 | 993 | 21151 | 971 | 24121 | 781 | 09044 | 648 | 02687 | 03 | 1 |
| 536 | 992 | 22151 | 986 | 23154 | 930 | 21518 | 914 | 20105 | 03 | 1 |
| 553 | 975 | 24151 | 952 | 24115 | 869 | 17091 | 834 | 14041 | 03 | 1 |
| 562 | 912 | 24167 | 772 | 20095 | 759 | 20045 | 673 | 11549 | 03 | 1 |
| 576 | 825 | 26807 | 815 | 28505 | 530 | 55702 | 458 | 61993 | 03 | 1 |
| 597 | 968 | 26051 | 834 | 15018 | 812 | 16624 | 770 | 14993 | 03 | 1 |
| 600 | 018 | 12113 | 932 | 17035 | 765 | 08003 | 631 | 51577 | 03 | 1 |
| 606 | 015 | 19182 | 988 | 16158 | 950 | 20186 | 822 | 12092 | 03 | 1 |
| 655 | 973 | 22141 | 971 | 24135 | 956 | 26112 | 789 | 11054 | 03 | 1 |
| 662 | 891 | 25099 | 866 | 30076 | 543 | 53576 | 400 | 70847 | 03 | 1 |
| 681 | 914 | 23077 | 905 | 25514 | 735 | 10564 | 695 | 08663 | 03 | 1 |
| 712 | 994 | 18151 | 970 | 21144 | 897 | 16061 | 825 | 10049 | 03 | 1 |
| 734 | 988 | 17138 | 960 | 20147 | 883 | 18042 | 625 | 52536 | 03 | 1 |
| 747 | 965 | 20167 | 949 | 24169 | 827 | 17517 | 654 | 02585 | 03 | 1 |
| 764 | 940 | 27147 | 915 | 30118 | 480 | 62704 | 468 | 63790 | 03 | 1 |
| 768 | 930 | 21527 | 913 | 21564 | 693 | 02697 | 660 | 03992 | 04 | 1 |
| 775 | 882 | 18518 | 740 | 05584 | 693 | 01685 | 686 | 02697 | 03 | 1 |
| 785 | 938 | 20004 | 757 | 04552 | 634 | 53784 | 439 | 70857 | 03 | 1 |
| 798 | 019 | 12108 | 869 | 04003 | 810 | 04573 | 738 | 00597 | 03 | 1 |
| 807 | | | | | | | | | | |
| 815 | 017 | 14121 | 920 | 11097 | 890 | 11097 | 635 | 55621 | 03 | 1 |
| 816 | 005 | 17130 | 975 | 18089 | 713 | 51521 | 683 | 02003 | 03 | 1 |
| 826 | 948 | 13069 | 859 | 06529 | | | 760 | 51626 | 03 | 1 |
| 836 | 004 | 16167 | 953 | 16135 | 908 | 15103 | 826 | 09066 | 03 | 1 |
| 867 | 966 | 73175 | 897 | 20131 | 787 | 17081 | 566 | 54599 | 03 | 1 |
| 879 | 913 | 13108 | 763 | 05050 | 717 | 00509 | 643 | 52676 | 03 | 1 |
| 896 | 935 | 14064 | 634 | 54584 | 565 | 59756 | 460 | 70846 | 03 | 1 |
| 906 | 003 | 12048 | 980 | 10028 | 960 | 11501 | 910 | 08541 | 03 | 1 |
| 907 | 002 | 02002 | 961 | 52547 | 930 | 52526 | 757 | 62633 | 03 | 1 |

# RADIOSONDE AND RAWINSONDE DATA. SIGNIFICANT LEVELS

| Index No. iii | 1st. 5th. etc. Level PPP | 1st. 5th. etc. Level TTTTT$_{ddx}$ | 2nd. 6th. etc. Level PPP | 2nd. 6th. etc. Level TTTTT$_{ddx}$ | 3rd. 7th. etc. Level PPP | 3rd. 7th. etc. Level TTTTT$_{ddx}$ | 4th. 8th. etc. Level PPP | 4th. 8th. etc. Level TTTTT$_{ddx}$ | Hour GG | Code Type |
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| 741 | | | | | | | | | | |
| 967 | 400 | 67994 | 222 | 00997 | | | | | 03 | 1 |
| 978 | 594 | 50673 | 488 | 58990 | 400 | 67990 | 240 | 90990 | 03 | 1 |
| 80 | | | | | | | | | | |
| 050 | | | | | | | | | | |
| 91 | | | | | | | | | | |
| 066 | 793 | 11085 | 755 | 12023 | 716 | 09547 | 640 | 04614 | 03 | 1 |
| 182 | 770 | 11502 | 763 | 10525 | 742 | 12592 | 649 | 08992 | 03 | 1 |
| 215 | 452 | 60651 | 400 | 67733 | 346 | 74875 | 251 | 90990 | 03 | 1 |
| 245 | | | | | | | | | | |
| 366 | 260 | 86996 | 145 | 15990 | 114 | 22990 | 100 | 19990 | 03 | 1 |
| 413 | 140 | 21998 | 101 | 59 | | | | | 03 | 6 |
| 98 | | | | | | | | | | |
| 327 | 566 | 03536 | 479 | 54651 | 400 | 62713 | 235 | 90996 | 03 | 1 |
| 645 | 116 | 25994 | 095 | 28990 | 058 | 10997 | 042 | 06997 | 03 | 8 |
| QLL | | OCEAN | STA | | | | | | | |
| 034 | 438 | 64666 | 372 | 73863 | 280 | 90990 | 212 | 06993 | 03 | 9 |
| 035 | 790 | 12053 | 766 | 13585 | 676 | 08661 | 635 | 04667 | 03 | 9 |
| 037 | 709 | 08047 | 692 | 09023 | 640 | 05515 | 582 | 50538 | 03 | 9 |
| 041 | | | | | | | | | | |
| 044 | 733 | 08523 | 591 | 52614 | 568 | 52701 | 519 | 56996 | 03 | 9 |
| 051 | | | | | | | | | | |
| 053 | 660 | 52581 | 632 | 53674 | 595 | 56746 | 526 | 62724 | 03 | 9 |
| 055 | 611 | 60702 | 540 | 63797 | 400 | 80996 | 343 | 89994 | 03 | 9 |
| 062 | | | | | | | | | | |
| 063 | 832 | 05585 | 804 | 03537 | 790 | 03628 | 765 | 03556 | 03 | 9 |
| 134 | 796 | 13020 | 618 | 00701 | 530 | 55991 | 400 | 72997 | 03 | 9 |
| 144 | 305 | 90943 | 212 | 10992 | | | | | 03 | 9 |
| 223 | 405 | 58 | 133 | 08 | 113 | 08*** | | | 03 | 1 |
| 235 | 283 | 79 | 163 | 06 | 127 | 09*** | 071 | 06*** | 03 | 1 |
| 246 | 600 | 53992 | 440 | 73998 | 400 | 99998 | 280 | 88994 | 03 | 9 |
| 360 | 684 | 54623 | 463 | 74823 | 440 | 74838 | 400 | 78878 | 03 | 5 |
| 01 | | | | | | | | | | |
| 001 | 782 | 50517 | 755 | 51534 | 715 | 56565 | 658 | 58633 | 03 | 8 |
| 030 | 628 | 67703 | 400 | 91941 | 294 | 01**4 | 227 | 94**8 | 03 | 8 |
| 384 | 869 | 07001 | 854 | 09011 | 751 | 00539 | 732 | 00541 | 03 | 5 |
| 415 | 871 | 11027 | 813 | 06003 | 714 | 51609 | 680 | 52621 | 03 | 8 |
| 02 | | | | | | | | | | |
| 057 | 548 | 69703 | | | | | | | 03 | 8 |
| 077 | 633 | 58641 | 526 | 67741 | 451 | 70787 | 233 | 06991 | 03 | 5 |
| 084 | 637 | 56632 | 535 | 66746 | 522 | 66746 | 469 | 72811 | 03 | 8 |
| 03 | | | | | | | | | | |
| 005 | | | | | | | | | | |
| 026 | | | | | | | | | | |
| 743 | | | | | | | | | | |
| 808 | | | | | | | | | | |
| 917 | | | | | | | | | | |
| 953 | 621 | 18 0 | 589 | 01 0 | 515 | 03**0 | 378 | 66**0 | 03 | 2 |
| 04 | | | | | | | | | | |
| 018 | 344 | 90010 | 277 | 00994 | | 95991 | | | 03 | 1 |
| 202 | 692 | 53686 | 654 | 55595 | 613 | 58618 | 546 | 64723 | 03 | 1 |
| 06 | | | | | | | | | | |
| 011 | 389 | 81905 | 219 | 09990 | 218 | 09993 | 152 | 00997 | 03 | 8 |
| 180 | 245 | 04995 | 210 | 05992 | 190 | 01991 | 877 | 01994 | 03 | 1 |
| 260 | 613 | 55575 | 588 | 56608 | 537 | 61706 | 441 | 71801 | 03 | 8 |
| 447 | 770 | 96 0 | | | | | | | 03 | 8 |
| 07 | | | | | | | | | | |
| 110 | 815 | 06051 | 760 | 03023 | 678 | 54553 | 618 | 58596 | 02 | 8 |
| 145 | 700 | 52586 | 672 | 52586 | 620 | 58621 | 500 | 66879 | 02 | 8 |
| 190 | 801 | 06016 | 750 | 01529 | 676 | 52561 | 571 | 66644 | 03 | 8 |
| 480 | 740 | 50504 | 657 | 52538 | 631 | 53554 | 446 | 73793 | 02 | 8 |
| 510 | 850 | 08076 | 800 | 05046 | 715 | 01505 | 690 | 02525 | 02 | 5 |
| 645 | 815 | 10502 | 720 | 01531 | 704 | 00545 | 673 | 00565 | 02 | 8 |
| 08 | | | | | | | | | | |
| 509 | 667 | | 639 | 52643 | 611 | 50571 | 526 | 57696 | 03 | 1 |
| 521 | 737 | 11595 | 540 | 5171 | 400 | 69849 | 136 | 16995 | 14 | 8 |
| 536 | 514 | 58728 | 470 | 64797 | 434 | 68734 | 400 | 73781 | 14 | 8 |
| 10 | | | | | | | | | | |
| 384 | 817 | 07056 | 777 | 06012 | 653 | 53605 | 615 | 57591 | 03 | 5 |
| 419 | | | | | | | | | | |
| 633 | 615 | 58686 | 400 | 78867 | 323 | 90990 | 267 | 96998 | 03 | 5 |
| 866 | 432 | 74771 | 400 | 78893 | 318 | 90973 | 255 | 03999 | 03 | 5 |
| 11 | | | | | | | | | | |
| 030 | 648 | 56561 | 504 | 66715 | 400 | 74826 | 314 | 90953 | 03 | 5 |
| 567 | 227 | 04998 | 158 | 98994 | 188 | 97992 | | | 04 | 5 |
| 40 | | | | | | | | | | |
| 427 | 517 | 28405 | 472 | 23167 | 350 | 99850 | 294 | 82700 | 14 | 2 |
| 648 | 811 | 93500 | 754 | 74140 | 554 | 31080 | 530 | | 02 | 7 |
| 42 | | | | | | | | | | |
| 182 | | | | | | | | | | |
| 339 | 660 | 12090 | 533 | 05510 | 429 | 55550 | 089 | 01*** | 15 | 8 |
| 807 | | | | | | | | | | |
| 909 | 632 | 09000 | 610 | 08070 | 562 | 04520 | 540 | 01510 | 14 | 8 |
| 43 | | | | | | | | | | |
| 063 | | | | | | | | | | |
| 149 | 200 | 09 | | | | | | | 14 | 8 |
| 279 | 436 | 60 | 375 | 71 | 324 | 78*** | | | 14 | 8 |
| 371 | | | | | | | | | | |
| 45 | | | | | | | | | | |
| 007 | 750 | 14040 | 650 | 08520 | 600 | 03570 | 550 | 51**0 | 22 | 8 |
| 47 | | | | | | | | | | |
| 580 | 734 | 15020 | 594 | 05680 | 400 | 63992 | 254 | 85998 | 03 | 1 |
| 590 | 400 | 64756 | 257 | 90011 | 136 | 13997 | 064 | 12999 | 03 | 1 |
| 600 | 667 | 11617 | 584 | 03603 | 519 | 50657 | 404 | 65783 | 03 | 1 |
| 671 | 556 | 53992 | 400 | 67994 | 265 | 90990 | 141 | 15996 | 03 | 1 |
| 744 | 440 | 61712 | 400 | 66761 | 360 | 69798 | 240 | 88991 | 03 | 1 |
| 778 | 599 | 02598 | 392 | 65796 | 249 | 88011 | 157 | 16990 | 03 | 1 |
| 808 | 400 | 61663 | 226 | 90990 | 101 | 59*** | | | 03 | 1 |
| 60 | | | | | | | | | | |
| 120 | 650 | 56618 | 580 | 61728 | 400 | 80823 | | | 03 | 6 |
| 390 | 814 | 18518 | 771 | 16562 | 662 | 04631 | 610 | 00641 | 02 | 5 |
| 715 | 446 | 64792 | | | 242 | 98999 | | | 02 | 5 |
| 61 | | | | | | | | | | |
| 642 | 720 | 09065 | 710 | 09047 | 609 | 01553 | 526 | 54994 | 07 | 5 |
| 62 | | | | | | | | | | |
| 366 | 706 | 11575 | 400 | 61 4 | | | | | 03 | 5 |
| 70 | | | | | | | | | | |
| 200 | 544 | 65769 | 400 | 78887 | 310 | 88007 | 233 | 00992 | 03 | 1 |
| 804 | | | | | 303 | 89967 | 225 | 04997 | 04 | 1 |
| 219 | 686 | 52631 | 678 | 52595 | 575 | 56613 | 400 | 73769 | 03 | 1 |
| 231 | 450 | 72823 | 400 | 79858 | 355 | 85930 | 310 | 90990 | 03 | 1 |
| 273 | | | | | | | | | | |
| 291 | 513 | 67765 | 400 | 82901 | | | | | 03 | 1 |
| 350 | | | | | | | | | | |
| 361 | 835 | 06024 | 723 | 45151 | 656 | 55618 | 616 | 58704 | 03 | 1 |
| 381 | 314 | 90932 | 222 | 07993 | 064 | 98997 | | | 03 | 1 |
| 398 | 504 | 67822 | 432 | 74884 | 400 | 79842 | 338 | 88947 | 02 | 1 |
| 409 | 495 | 67757 | 400 | 80873 | | | | | 03 | 1 |
| 439 | 830 | 07655 | 775 | 05993 | 757 | 06994 | 600 | 54754 | 03 | 1 |
| 454 | | | | | | | | | | |
| 485 | | | | | | | | | | |
| 72 | | | | | | | | | | |
| 202 | 101 | 68060 | 350 | 76804 | 275 | 88995 | 220 | 01996 | 03 | 1 |
| 208 | 266 | 87925 | 140 | 17999 | 073 | 10992 | | | 03 | 1 |
| 211 | 270 | 89977 | 153 | 19996 | 139 | 18993 | 112 | 22990 | 03 | 1 |
| 219 | 150 | 20996 | 120 | 18993 | | | | | 03 | 1 |
| 231 | 270 | 85917 | | | | | | | 03 | 1 |
| 240 | 492 | 56736 | 483 | 57645 | 469 | 59636 | 400 | 66694 | 03 | 1 |
| 250 | 320 | 76993 | 304 | 79916 | 260 | 89946 | 148 | 20993 | 03 | 1 |
| 253 | 635 | 04562 | 575 | 04667 | 474 | 58990 | | | 03 | 1 |
| 259 | 400 | 69995 | 255 | 90990 | 110 | 16995 | 101 | 58*** | 03 | 1 |
| 265 | 440 | 61775 | 400 | 67997 | 263 | 89993 | 128 | 20997 | 03 | 1 |
| 270 | 400 | 65797 | 251 | 89004 | 075 | 18994 | | | 03 | 1 |
| 278 | 400 | 65808 | 308 | 79914 | 204 | 00997 | | | 03 | 1 |
| 304 | 422 | 62795 | 400 | 66991 | 370 | 69844 | 267 | 88939 | 03 | 1 |
| 317 | | | | | | | | | | |
| 327 | 368 | 72754 | 344 | 75865 | 272 | 89951 | 184 | 10992 | 03 | 1 |
| 340 | 723 | 07057 | 656 | 03554 | 624 | 00565 | 589 | 50671 | 03 | 1 |
| 353 | 732 | 10538 | 668 | 06625 | 400 | 69992 | 284 | 90990 | 03 | 1 |
| 365 | 428 | 63794 | 400 | 65817 | 250 | 90010 | 180 | 05996 | 03 | 1 |
| 386 | 511 | 53726 | 400 | 66991 | 330 | 77905 | 262 | 90983 | 03 | 1 |
| 394 | 914 | 29073 | 730 | 16011 | 676 | 12621 | 628 | 08579 | 03 | 1 |
| 405 | 266 | 88965 | 140 | 19994 | 065 | 07994 | | | 03 | 1 |
| 445 | 400 | 70993 | 276 | 90990 | 150 | 05991 | | | 03 | 1 |
| 451 | 520 | 53713 | 400 | 70806 | 274 | 88987 | 120 | 14998 | 03 | 1 |
| 476 | 268 | 90943 | 132 | 16996 | | | | | 03 | 1 |
| 486 | 400 | 67751 | 282 | 85975 | 262 | 89992 | 146 | 15990 | 03 | 1 |
| 493 | 609 | 03606 | 400 | 67793 | 348 | 75858 | 302 | 82943 | 03 | 1 |
| 506 | | | | | | | | | | |
| 518 | 431 | 68831 | 400 | 73994 | 378 | 74794 | 276 | 89930 | 03 | 1 |
| 520 | 275 | 89941 | 256 | 93998 | | | | | 03 | 1 |
| 528 | 720 | 07639 | 692 | 06576 | 647 | 04674 | 567 | 01998 | 03 | 1 |
| 534 | 400 | 73995 | 293 | 90990 | 226 | 03992 | 056 | 05993 | 03 | 1 |
| 536 | 876 | 17108 | 843 | 16011 | 793 | 12047 | 763 | 11565 | 03 | 1 |
| 553 | 814 | 15619 | 733 | 11642 | 484 | 59778 | 400 | 71881 | 03 | 1 |
| 562 | 400 | 70732 | 282 | 88913 | 190 | 07992 | 170 | 05991 | 03 | 1 |
| 576 | 400 | 70999 | 310 | 88990 | 294 | 89990 | 284 | 90990 | 03 | 1 |
| 597 | 720 | 10649 | 470 | 62999 | | | | | 03 | 1 |
| 600 | 579 | 55633 | 545 | | | | 153 | 12996 | 03 | 1 |
| 606 | 778 | 10012 | 748 | 07036 | 724 | 08647 | 687 | 07991 | 03 | 1 |
| 655 | 760 | 11611 | 619 | 00689 | 413 | 70847 | 400 | 72825 | 03 | 1 |
| 662 | 182 | 06999 | | | | | | | 03 | 1 |
| 681 | 400 | 72991 | 113 | 15995 | | | | | 03 | 1 |
| 712 | 793 | 08001 | 770 | 09634 | 639 | 50704 | 552 | 57743 | 03 | 1 |
| 734 | 612 | 55583 | 600 | 52676 | 582 | 51685 | 562 | 52999 | 03 | 1 |
| 747 | 550 | 57663 | 534 | 58658 | 494 | 62776 | 450 | 65999 | 03 | 1 |
| 764 | 400 | 70998 | 276 | 90002 | 184 | 11997 | 096 | 11990 | 03 | 1 |
| 768 | 626 | 01702 | 482 | 63787 | 470 | 62798 | 400 | 73995 | 04 | 1 |
| 775 | 400 | 74996 | 306 | 89997 | 190 | 03993 | 166 | 95999 | 03 | 1 |
| 785 | 400 | 75862 | 307 | 88007 | 267 | 95994 | 228 | 96996 | 03 | 1 |
| 798 | 685 | 54717 | 613 | 55644 | 550 | 61688 | 588 | 61769 | 03 | 1 |
| 807 | | | | | | | | | | |
| 815 | 400 | 80877 | 384 | 90990 | 278 | 94995 | 101 | 58*** | 03 | 1 |
| 816 | 400 | 79806 | 340 | 90902 | 266 | 02995 | 807 | 00990 | 03 | 1 |
| 826 | 656 | 57734 | 582 | 62651 | 563 | 62664 | 551 | 64674 | 03 | 1 |
| 836 | 650 | 52548 | 548 | 59623 | 449 | 68741 | 400 | 74838 | 03 | 1 |
| 867 | 450 | 66692 | 400 | 69729 | 313 | 80990 | 101 | 65*** | 03 | 1 |
| 879 | 547 | 63726 | 459 | 67990 | 431 | 67995 | 400 | 72998 | 03 | 1 |
| 896 | 400 | 76874 | 312 | 89936 | 218 | 09993 | 154 | 97995 | 03 | 1 |
| 906 | 750 | 56601 | 668 | 62646 | 604 | 67702 | 580 | 67768 | 03 | 1 |
| 907 | 674 | 69719 | 655 | 69749 | 561 | 77884 | 437 | 80972 | 03 | 1 |

# JULY 17

## RADIOSONDE AND RAWINSONDE DATA

| Index No. iii | Station Name | 1000 mb. hhh | TTTTT ddx | dd | ff | 850 mb. hhh | TTTTT ddx | dd | ff | 700 mb. hhh | TTTTT ddx | dd | ff | 500 mb. hhh | TTTTT ddx | dd | ff | Hour GG | Code Type |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 913 | CHURCHILL | 034 | 05031 | 05 | 5 | 464 | 50546 | 35 | 13 | *** | 53997 | 33 | 20 | 821 | 71992 | 33 | 35 | 03 | 1 |
| 915 | CORAL HARBOR | 022 | 06032 | | | 451 | 53543 | | | 948 | 02630 | | | 763 | 80833 | | | 03 | 1 |
| 917 | EUREKA | 065 | 08043 | 31 | 9 | 497 | 51531 | 31 | 6 | 002 | 56636 | 29 | 9 | 843 | 70847 | 33 | 10 | 03 | 1 |
| 918 | ARCTIC BAY | 051 | 05022 | | | 492 | 04506 | | | 000 | 54611 | | | 843 | 71992 | | | 03 | 1 |
| 924 | RESOLUTE | 059 | 05998 | 13 | 8 | 495 | 04990 | 09 | 20 | 005 | 53703 | | | 854 | 68779 | | | 03 | 1 |
| 926 | BAKER LAKE | 101 | 59 | | | | | | | *** | ***** | | | *** | ***** | | | 03 | 1 |
| 934 | FT SMITH | 009 | | | | 465 | 14083 | | | 990 | 09621 | | | *** | ***** | | | 03 | 1 |
| 938 | COPPERMINE | 024 | 06052 | | | 460 | 05048 | | | 977 | 50548 | | | 837 | 64737 | | | 03 | 1 |
| 945 | FORT NELSON | 032 | | | | 480 | 08047 | | | 997 | 51539 | | | 855 | 64670 | | | 03 | 1 |
| 964 | WHITEHORSE | 034 | | | | 484 | 10031 | 34 | 4 | 001 | 51536 | 16 | 5 | 855 | 67709 | 13 | 18 | 03 | 1 |
| 968 | AKLAVIK | 057 | 09016 | | | 495 | 05569 | | | 010 | 00993 | | | 870 | 63776 | | | 03 | 1 |
| | BLOCK 74 | | | | | | | | | | | | | | | | | | |
| 043 | NORMAN WELLS | 054 | 12094 | | | 499 | 01017 | | | 004 | 53615 | | | 855 | 67796 | | | 03 | 1 |
| 072 | MOULD BAY | 042 | 03021 | | | 477 | 51511 | | | 980 | 55564 | | | 823 | 70721 | | | 03 | 1 |
| 074 | ISACHSEN | 067 | 06043 | | | 498 | 01516 | | | 005 | 54716 | | | 851 | 69795 | | | 03 | 1 |
| 090 | CLYDE RIVER | 054 | 01017 | 04 | 2 | 485 | 02027 | 13 | 15 | *** | ***** | | | 995 | 54621 | 13 | 21 | 03 | 1 |
| 109 | PORT HARDY | 063 | 11107 | | | 502 | 02007 | | | 013 | 51617 | | | 873 | 64731 | | | 03 | 1 |
| 188 | MINGAN L PT | 040 | 13116 | 22 | 13 | 485 | 07511 | | | 000 | 00674 | | | *** | ***** | | | 03 | 1 |
| | BLOCK 76 | | | | | | | | | | | | | | | | | | |
| 458 | MAZATLAN | 030 | 26221 | | | 494 | 17138 | | | 032 | 10066 | | | 928 | 55563 | | | 02 | 1 |
| 491 | C VICTORIA | 022 | | | | 493 | 19142 | | | 032 | 09071 | | | *** | ***** | | | 02 | 1 |
| 679 | TACUBAYA | 034 | | | | 498 | | | | 036 | 08066 | | | 924 | 56588 | | | 03 | 1 |
| | BLOCK 78 | | | | | | | | | | | | | | | | | | |
| 016 | KINDLEY FLD | 066 | 25215 | 24 | 8 | 529 | 17108 | 22 | 1 | 066 | 10574 | 00 | | 961 | 04998 | 00 | | 03 | 1 |
| 325 | HAVANA C B | 048 | 24234 | | | 512 | 17119 | | | 047 | 06033 | | | *** | ***** | | | 03 | 1 |
| 395 | VERNAM FIELD | 046 | 25211 | 06 | 9 | 509 | 16105 | 10 | 26 | 041 | 06534 | 08 | 22 | 023 | 59701 | 10 | 11 | 03 | 1 |
| 501 | SWAN ISLAND | 041 | 26222 | | | 505 | 18099 | | | 045 | 10011 | | | 931 | 57659 | | | 03 | 1 |
| 525 | SAN JUAN | 054 | 26224 | 09 | 19 | 516 | 16124 | 10 | 21 | 053 | 08532 | 14 | 17 | *** | ***** | | | 03 | 1 |
| 741 | MANAGUA | 101 | 59 | | | | | | | *** | ***** | | | *** | ***** | | | 03 | 1 |
| 806 | ALBROOK FLD | 031 | 24237 | 32 | 2 | 494 | 17134 | 09 | 10 | 030 | 14085 | 08 | 17 | 920 | 58671 | 09 | 7 | 03 | 1 |
| 972 | WALLER FIELD | 042 | 24227 | | | 504 | 16115 | 06 | 22 | 036 | 07527 | 07 | 38 | 916 | 57991 | 06 | 17 | 03 | 1 |
| | BLOCK 80 | | | | | | | | | | | | | | | | | | |
| 050 | BARRANQUILLA | 101 | 42 | | | | | | | *** | ***** | | | *** | ***** | | | 03 | 1 |
| | BLOCK 91 | | | | | | | | | | | | | | | | | | |
| 066 | MIDWAY ISL | 073 | 25192 | | | 521 | 14072 | | | 050 | 07947 | | | 933 | 58991 | | | 03 | 1 |
| 182 | HONOLULU | 047 | 24153 | 06 | 15 | 506 | 14071 | 07 | 5 | 038 | 07634 | 08 | 17 | 929 | 56990 | 17 | 2 | 03 | 1 |
| 245 | WAKE ISLAND | 043 | 26229 | 09 | 13 | 507 | 17123 | 10 | 13 | 045 | 09063 | 10 | 20 | 940 | 55994 | 15 | 11 | 03 | 1 |
| 275 | JOHNSON IS | 044 | 28203 | 07 | 13 | 508 | 15095 | 09 | 24 | 044 | 10992 | 17 | 4 | 942 | 51992 | 29 | 9 | 03 | 1 |
| 413 | YAP | 033 | 27232 | 24 | 11 | 495 | 18171 | | | *** | 08045 | | | 919 | 57633 | | | 03 | 1 |
| | BLOCK 98 | | | | | | | | | | | | | | | | | | |
| 645 | CEBU | 032 | 26232 | | | 499 | 16137 | | | 030 | 07064 | | | 916 | 57632 | | | 03 | 8 |
| QLL | OCEAN STA | | | | | | | | | | | | | | | | | | |
| 034 | 0 355 400 | 036 | 22198 | 29 | 4 | 494 | 16119 | 29 | 10 | 032 | 09546 | 26 | 13 | 924 | 56723 | 35 | 9 | 03 | 9 |
| 035 | 0 340 520 | 062 | 23205 | 29 | 10 | 522 | 16063 | 31 | 17 | 057 | 07564 | 29 | 24 | 949 | 54996 | 33 | 16 | 03 | 9 |
| 037 | 0 360 700 | 060 | 25226 | 22 | 16 | 524 | 17112 | 22 | 23 | 058 | 07582 | 23 | 22 | 944 | 55838 | 23 | 26 | 03 | 9 |
| 044 | 0 450 450 | 041 | 16153 | | | 493 | 13092 | | | 022 | 05566 | | | 899 | 60995 | | | 03 | 9 |
| 051 | 0 538 187 | 061 | 53400 | | | 497 | 39240 | 34 | 16 | 013 | 25170 | 02 | 20 | 865 | 02610 | 35 | 9 | 02 | 2 |
| 053 | 0 527 355 | 062 | 12108 | 14 | 10 | 502 | 02007 | 18 | 22 | 020 | 50599 | 21 | 18 | 877 | 66784 | 17 | 24 | 03 | 9 |
| 055 | 0 565 510 | 045 | 06069 | 13 | 10 | 485 | 06034 | 16 | 9 | 004 | 00656 | 28 | 5 | 862 | 67992 | 27 | 10 | 03 | 9 |
| 062 | 0 600 200 | 055 | 49450 | 30 | 9 | 490 | 40230 | 30 | 17 | 003 | 26250 | 28 | 18 | 850 | 95940 | 27 | 21 | 02 | 2 |
| 063 | 0 620 330 | 058 | 05044 | | | 492 | 04564 | | | 005 | 51666 | | | 858 | 67993 | | | 03 | 9 |
| 134 | 1 300 400 | 059 | 19161 | 06 | 13 | 510 | 12998 | | | 044 | 09564 | | | 964 | 57993 | | | 03 | 9 |
| 144 | 1 488 458 | 076 | 09078 | 28 | 14 | 516 | 04017 | 34 | 16 | 029 | 52597 | 29 | 22 | 878 | 67992 | 31 | 35 | 03 | 1 |
| 215 | 2 110 560 | 038 | 24239 | 14 | 4 | 490 | 18154 | 18 | 13 | 030 | 10097 | 18 | 33 | 923 | 55572 | | | 03 | 1 |
| 223 | 2 291 350 | 038 | 26 | | | 496 | 19 | | | 037 | 11*** | | | 936 | 52*** | | | 02 | 1 |
| 235 | 2 386 530 | 036 | 18 | | | 486 | 11 | | | 015 | 10*** | | | 911 | 51*** | | | 03 | 1 |
| 246 | 2 440 650 | 030 | 02504 | | | 466 | 13042 | 28 | 12 | 002 | 03564 | 28 | 19 | 881 | 59649 | 29 | 21 | 03 | 9 |
| 360 | 3 660 020 | 155 | 07042 | | | 485 | 50586 | | | 011 | 55591 | | | 583 | 70791 | | | 03 | 8 |

## RADIOSONDE AND RAWINSONDE DATA — Continued

| Index No. iii | 300 mb. hhh | TTTTT ddx | dd | ff | 200 mb. hhh | TTTTT ddx | dd | ff | 100 mb. hhh | TTTTT ddx | dd | ff | Hour GG | Code Type |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 913 | 005 | 90999 | | | 880 | 00999 | | | 381 | 98990 | | | 03 | 1 |
| 915 | 904 | 92996 | | | 810 | 90990 | | | 348 | 94992 | | | 03 | 1 |
| 917 | 011 | 98998 | 32 | 18 | 888 | 94994 | 30 | 15 | 419 | 92996 | 30 | 13 | 03 | 1 |
| 918 | 010 | 98997 | | | 862 | 00991 | | | 364 | ***** | | | 03 | 1 |
| 924 | 039 | 96990 | | | 893 | 02999 | | | | | | | 03 | 1 |
| 926 | 101 | 59 | | | | | | | | | | | 03 | 1 |
| 934 | 101 | 50 | | | | | | | | | | | 03 | 1 |
| 938 | 046 | 89992 | | | 943 | 94995 | | | 482 | 89996 | | | 03 | 1 |
| 945 | 079 | 88990 | | | 955 | 04991 | | | 460 | 96990 | | | 03 | 1 |
| 964 | 045 | 92997 | 17 | 41 | 907 | 00990 | 17 | 60 | | | | | 03 | 1 |
| 968 | 090 | 87995 | | | 975 | 00993 | | | | | | | 03 | 1 |
| 74 | | | | | | | | | | | | | | |
| 043 | 051 | 92990 | | | 920 | 00990 | | | 425 | 97992 | | | 03 | 1 |
| 072 | | | | | | | | | | | | | | |
| 074 | 030 | 97991 | | | 899 | 96997 | | | 417 | 93992 | | | 03 | 1 |
| 090 | 101 | 50 | | | | | | | | | | | 03 | 1 |
| 109 | 085 | 87947 | | | 976 | 97991 | | | | | | | 03 | 1 |
| 188 | 101 | 50 | | | | | | | | | | | 03 | 1 |
| 76 | | | | | | | | | | | | | | |
| 458 | 184 | 80855 | | | 085 | 02991 | | | | | | | 02 | 1 |
| 491 | 101 | 50 | | | | | | | | | | | 02 | 1 |
| 679 | 175 | 81885 | | | 072 | 04993 | | | | | | | 03 | 1 |
| 78 | | | | | | | | | | | | | | |
| 016 | 208 | 82990 | 19 | 6 | 115 | 03998 | 15 | 28 | | | | | 03 | 1 |
| 325 | | | | | | | | | | | | | | |
| 395 | 158 | 84998 | 12 | 9 | 050 | 03992 | 14 | 11 | | | | | 03 | 1 |
| 501 | 174 | 83995 | | | 060 | 07991 | | | 421 | ***** | | | 03 | 1 |
| 525 | | | | | | | | | | | | | 03 | 1 |
| 741 | 101 | 59 | | | | | | | | | | | 03 | 1 |
| 806 | 159 | 84999 | 11 | 12 | 046 | 07995 | 07 | 18 | | | | | 03 | 1 |
| 972 | 158 | 84998 | 10 | 10 | 042 | 07998 | 08 | 11 | | | | | 03 | 1 |
| 80 | | | | | | | | | | | | | | |
| 050 | 101 | 42 | | | | | | | | | | | 03 | 1 |
| 91 | | | | | | | | | | | | | | |
| 066 | 175 | 85990 | | | 063 | 03994 | | | 456 | 13996 | | | 03 | 1 |
| 182 | 167 | 86939 | 27 | 23 | 045 | 08991 | 28 | 35 | 444 | 16993 | 13 | 9 | 03 | 1 |
| 245 | 101 | 43 | | | | | | | | | | | 03 | 1 |
| 275 | 872 | 81995 | 33 | 29 | | | | | | | | | 03 | 1 |
| 413 | 101 | 50 | | | | | | | | | | | 02 | 1 |
| 98 | | | | | | | | | | | | | | |
| 645 | 162 | 81997 | | | 058 | 05990 | | | 418 | 22992 | | | 03 | 8 |
| QLL | | OCEAN STA | | | | | | | | | | | | |
| 034 | 166 | 83918 | 36 | 22 | 055 | 06990 | 36 | 98 | 451 | 18994 | 35 | 15 | 03 | 9 |
| 035 | 204 | 81990 | 01 | 18 | 106 | 02995 | | | 486 | 19991 | | | 03 | 9 |
| 037 | 184 | 85990 | 22 | 30 | 070 | 06990 | | | | | | | 03 | 9 |
| 044 | 117 | 87976 | | | 002 | 05990 | | | 423 | 12990 | | | 03 | 9 |
| 051 | 054 | 50 0 | 11 | 15 | | | | | | | | | 02 | 2 |
| 053 | 070 | 94990 | 22 | 38 | 931 | 03998 | 18 | 36 | 402 | 02992 | 20 | 56 | 03 | 9 |
| 055 | 049 | 97990 | 30 | 15 | 899 | 02997 | 29 | 21 | 384 | 00991 | 32 | 6 | 03 | 9 |
| 062 | 016 | 45 0 | 24 | 26 | 884 | 44 0 | 23 | 18 | 375 | 44**0 | | | 02 | 2 |
| 063 | 034 | 98996 | | | 882 | 02999 | | | 359 | 00993 | | | 03 | 9 |
| 134 | 101 | 50 | | | | | | | | | | | 03 | 9 |
| 144 | 074 | 90993 | | | 957 | 02992 | | | 428 | ***** | | | 03 | 1 |
| 215 | 179 | 81990 | | | 885 | 98999 | | | | | | | 03 | 1 |
| 223 | 218 | 72 | | | 163 | 92 | | | | | | | 02 | 1 |
| 235 | 177 | 67 | | | 093 | 98 | | | 519 | 10*** | | | 04 | 1 |
| 246 | 110 | 81992 | | | 015 | 00990 | | | 446 | 07994 | | | 03 | 9 |
| 360 | 918 | 94992 | | | 184 | 97991 | | | | | | | 03 | 8 |

## RADIOSONDE AND RAWINSONDE DATA. SIGNIFICANT LEVELS

| Index No. iii | 1st. 5th. etc. Level PPP | TTTTT ddx | 2nd. 6th. etc. Level PPP | TTTTT ddx | 3rd. 7th. etc. Level PPP | TTTTT ddx | 4th. 8th. etc. Level PPP | TTTTT ddx | Hour GG | Code Type |
|---|---|---|---|---|---|---|---|---|---|---|
| 913 | 011 | 06043 | 985 | 03006 | 959 | 03505 | 930 | 04537 | 03 | 1 |
| 915 | 000 | 06032 | 745 | 58598 | 475 | 82871 | 400 | 92990 | 03 | 1 |
| 917 | 024 | 05034 | 804 | 53552 | 776 | 52553 | 645 | 61704 | 03 | 1 |
| 918 | 018 | 02003 | 966 | 11055 | 820 | 01520 | 795 | 03534 | 03 | 1 |
| 924 | 020 | 06012 | 962 | 05994 | 942 | 07997 | 846 | 03998 | 03 | 1 |
| 926 | | | | | | | | | | |
| 934 | 980 | 18118 | 802 | 09065 | 672 | 00635 | 636 | 00621 | 03 | 1 |
| 938 | 008 | 06059 | 950 | 04039 | 913 | 05048 | 874 | 05049 | 03 | 1 |
| 945 | 968 | 15145 | 940 | 15124 | 770 | 01519 | 657 | 55577 | 03 | 1 |
| 964 | 933 | 15089 | 674 | 53554 | 595 | 58617 | 400 | 78825 | 03 | 1 |
| 968 | 020 | 10032 | 899 | 03517 | 888 | 05504 | 739 | 06592 | 03 | 1 |
| 74 | | | | | | | | | | |
| 043 | 009 | 13092 | 819 | 02011 | 642 | 56712 | 569 | 60743 | 03 | 1 |
| 072 | 016 | 03025 | 888 | 00001 | 760 | 54546 | 400 | 81843 | 03 | 1 |
| 074 | 022 | 07064 | 895 | 00506 | 880 | 02006 | 768 | 52596 | 03 | 1 |
| 090 | 020 | 02027 | 985 | 01007 | 935 | 03028 | 871 | 01003 | 03 | 1 |
| 109 | 021 | 12119 | 830 | 01509 | | | 752 | 00566 | 03 | 1 |
| 188 | 000 | 21128 | 975 | 14009 | 805 | 64552 | 775 | 05540 | 03 | 1 |
| 76 | | | | | | | | | | |
| 458 | 009 | 26226 | 434 | 61625 | 400 | 67711 | 386 | 67721 | 02 | 1 |
| 491 | 971 | 29234 | 944 | 27166 | 803 | 15131 | 758 | 13115 | 02 | 1 |
| 679 | 775 | 14122 | 574 | 50514 | 400 | 67701 | 383 | 69777 | 03 | 1 |
| 78 | | | | | | | | | | |
| 016 | 023 | 26236 | 770 | 13044 | 728 | 10524 | 686 | 10606 | 03 | 1 |
| 325 | 011 | 24239 | 909 | 21158 | | | | | 03 | 1 |
| 395 | 012 | 25276 | 940 | 22178 | 615 | 00671 | 578 | 51509 | 03 | 1 |
| 501 | 013 | 27231 | 934 | 21173 | 875 | 20094 | 618 | 02579 | 03 | 1 |
| 525 | 017 | 27233 | 876 | 16145 | 822 | 16095 | | | 03 | 1 |
| 741 | | | | | | | | | | |
| 806 | 010 | 25232 | 670 | 06561 | 635 | 05616 | 562 | 51630 | 03 | 1 |
| 972 | 010 | 25227 | 727 | 09007 | 565 | 53721 | 523 | 55990 | 03 | 1 |
| 80 | | | | | | | | | | |
| 050 | | | | | | | | | | |
| 91 | | | | | | | | | | |
| 066 | 021 | 27203 | 950 | 19165 | 894 | 16124 | 766 | 09523 | 03 | 1 |
| 182 | 016 | 26177 | 891 | 15114 | 860 | 13079 | 830 | 14055 | 03 | 1 |
| 245 | 014 | 30233 | 940 | 21173 | 686 | 08061 | 648 | 08522 | 03 | 1 |
| 275 | 014 | 29205 | 936 | 21176 | 884 | 18134 | 872 | 18075 | 03 | 1 |
| 413 | 008 | 27247 | 400 | 63996 | 350 | 68991 | | | 03 | 1 |
| 98 | | | | | | | | | | |
| 645 | 006 | 26239 | 915 | 20181 | 752 | 09085 | 736 | 09085 | 03 | 8 |
| QLL | | OCEAN | STA | | | | | | | |
| 034 | 012 | 24203 | 876 | 14147 | 869 | 13113 | 820 | 16088 | 03 | 9 |
| 035 | 021 | 25222 | 662 | 06631 | 400 | 65995 | 269 | 87991 | 03 | 9 |
| 037 | 020 | 26240 | 645 | 04719 | 586 | 50674 | 565 | 50695 | 03 | 9 |
| 044 | 014 | 16164 | 907 | 13127 | 897 | 15139 | 776 | 09047 | 03 | 9 |
| 051 | 023 | 55430 | | | | | | | 02 | 2 |
| 053 | 022 | 12103 | 840 | 02502 | 833 | 07452 | 805 | 06645 | 03 | 9 |
| 055 | 016 | 07071 | 958 | 06060 | 944 | 09091 | 818 | 07011 | 03 | 9 |
| 062 | 021 | 51440 | | | 867 | 40250 | 839 | 40240 | 02 | 2 |
| 063 | 021 | 07051 | 952 | 01003 | 875 | 07504 | 820 | 05585 | 03 | 9 |
| 134 | 020 | 20174 | 901 | 12117 | 787 | 14997 | 758 | 12046 | 03 | 9 |
| 144 | 027 | 11099 | 978 | 08068 | 958 | 10065 | 905 | 07017 | 03 | 1 |
| 215 | 010 | 25241 | 825 | 17145 | 750 | 12105 | 622 | 05505 | 03 | 1 |
| 223 | 013 | 27 | 933 | 22 | 777 | 14*** | 735 | 13*** | 02 | 1 |
| 235 | 013 | 20 | 989 | 17 | 837 | 10*** | 816 | 11*** | 04 | 1 |
| 246 | 010 | 12111 | 946 | 14076 | 870 | 14044 | 745 | 06003 | 03 | 9 |
| 360 | 019 | 08053 | 939 | 02531 | 916 | 03526 | 739 | 52612 | 03 | 8 |

## RADIOSONDE AND RAWINSONDE DATA. SIGNIFICANT LEVELS

| Index No. iii | 1st. 5th. etc. Level PPP | TTTTT ddx | 2nd. 6th. etc. Level PPP | TTTTT ddx | 3rd. 7th. etc. Level PPP | TTTTT ddx | 4th. 8th. etc. Level PPP | TTTTT ddx | Hour GG | Code Type |
|---|---|---|---|---|---|---|---|---|---|---|
| 913 | 806 | 50642 | 775 | 51675 | 735 | 51699 | 680 | 54998 | 03 | 1 |
| 915 | 338 | 98993 | 320 | 93995 | 248 | 89995 | 100 | 94992 | 03 | 1 |
| 917 | 613 | 61724 | 400 | 82849 | 352 | 90001 | 284 | 01996 | 03 | 1 |
| 918 | 631 | 59624 | 533 | 67811 | 400 | 84996 | 235 | 09990 | 03 | 1 |
| 924 | 815 | 01564 | 782 | 00573 | 757 | 00689 | 582 | 62711 | 03 | 1 |
| 926 | | | | | | | | | | |
| 934 | 574 | 54714 | 101 | 58 | | | | | 03 | 1 |
| 938 | 797 | 04039 | 543 | 60664 | 400 | 74849 | 224 | 95993 | 03 | 1 |
| 945 | 543 | 60623 | 400 | 73775 | 210 | 06990 | 141 | 95990 | 03 | 1 |
| 964 | 324 | 90952 | 227 | 08994 | 148 | 94994 | 101 | 58*** | 03 | 1 |
| 968 | 742 | 01696 | 716 | 01994 | 610 | 56683 | 400 | 71999 | 03 | 1 |
| 74 | | | | | | | | | | |
| 043 | 413 | 76824 | 400 | 77885 | 220 | 04999 | 119 | 94996 | 03 | 1 |
| 072 | 384 | 82853 | | | | | | | 03 | 1 |
| 074 | 642 | 57641 | 594 | 62710 | 573 | 62703 | 400 | 81913 | 03 | 1 |
| 090 | 830 | 02019 | 799 | 50531 | 785 | 00539 | 101 | 58*** | 03 | 1 |
| 109 | 662 | 52592 | 640 | 54604 | 400 | 74814 | 221 | 98999 | 03 | 1 |
| 188 | 580 | 57686 | 101 | 58 | | | | | 03 | 1 |
| 76 | | | | | | | | | | |
| 458 | 254 | 89931 | 135 | 21995 | | | | | 02 | 1 |
| 491 | 720 | 90981 | 690 | 09063 | 101 | 58*** | | | 02 | 1 |
| 679 | 353 | 73824 | 340 | 75811 | 312 | 79871 | 262 | 89933 | 03 | 1 |
| 78 | | | | | | | | | | |
| 016 | 555 | 01990 | 400 | 66996 | 255 | 90990 | 170 | 10997 | 03 | 1 |
| 325 | | | | | | | | | | |
| 395 | 453 | 63789 | 400 | | 320 | 81025 | 269 | 90090 | 03 | 1 |
| 501 | 565 | 52563 | 553 | 53631 | 400 | 68816 | | | 03 | 1 |
| 525 | | | | | | | | | | |
| 741 | | | | | | | | | | |
| 806 | 510 | 57642 | 400 | 68763 | 274 | 90990 | 140 | 26996 | 03 | 1 |
| 972 | 400 | 68990 | 273 | 90926 | 167 | 17995 | 101 | 59*** | 03 | 1 |
| 80 | | | | | | | | | | |
| 050 | | | | | | | | | | |
| 91 | | | | | | | | | | |
| 066 | 730 | 09582 | 680 | 06995 | 555 | 53999 | 427 | 64993 | 03 | 1 |
| 182 | 805 | 13576 | 690 | 07642 | 672 | 08995 | 400 | 69994 | 03 | 1 |
| 245 | 633 | 06599 | 584 | 01647 | 518 | 53990 | 434 | 63753 | 03 | 1 |
| 275 | 848 | 16108 | 828 | 16519 | 800 | 14053 | 785 | 15593 | 03 | 1 |
| 413 | | | | | | | | | | |
| 98 | | | | | | | | | | |
| 645 | 600 | 02833 | 110 | 26997 | 092 | 19991 | 080 | 21990 | 03 | 8 |
| QLL | | OCEAN | STA | | | | | | | |
| 034 | 670 | 06607 | 648 | 07602 | 612 | 04653 | 587 | 00577 | 03 | 9 |
| 035 | 136 | 21995 | 129 | 18993 | 104 | 21998 | | | 03 | 9 |
| 037 | 464 | 61791 | 400 | 68994 | 270 | 90990 | 140 | 10993 | 03 | 9 |
| 044 | 743 | 07041 | 611 | 50693 | 433 | 68839 | 400 | 73836 | 03 | 9 |
| 051 | | | | | | | | | | |
| 053 | 763 | 05571 | 719 | 00577 | 653 | 54682 | 469 | 69742 | 03 | 9 |
| 055 | 760 | 03856 | 741 | 03613 | 728 | 02577 | 730 | 54721 | 03 | 9 |
| 062 | 575 | 10100 | 320 | 48 0 | 287 | 42**0 | 245 | 40**0 | 02 | 2 |
| 063 | 772 | 01579 | 746 | 01651 | 588 | 59778 | 400 | 81992 | 03 | 9 |
| 134 | 746 | 12012 | 732 | 10038 | 689 | 09623 | 440 | 64992 | 03 | 9 |
| 144 | 822 | 03011 | 672 | 54657 | 601 | 60716 | 400 | 78997 | 03 | 1 |
| 215 | 400 | 64668 | | | 132 | 17996 | | | 03 | 1 |
| 223 | 608 | 05 | 441 | 56 | 338 | 60*** | 216 | 87*** | 02 | 1 |
| 235 | 723 | 10 | 673 | 09 | 380 | 64*** | 232 | 90*** | 04 | 1 |
| 246 | 632 | 00990 | 578 | 54990 | 490 | 60644 | 400 | 73762 | 03 | 9 |
| 360 | 400 | 81892 | 246 | 02 | 187 | 96*** | | | 03 | 8 |

# JULY 18

## RADIOSONDE AND RAWINSONDE DATA

| Index No. iii | Station Name | 1000 mb. hhh | TTTTT ddx | dd | ff | 850 mb. hhh | TTTTT ddx | dd | ff | 700 mb. hhh | TTTTT ddx | dd | ff | 500 mb. hhh | TTTTT ddx | dd | ff | Hour GG | Code Type |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | BLOCK 01 | | | | | | | | | | | | | | | | | | |
| 001 | JAN MAYEN | 134 | 03027 | | | 450 | 00539 | | | 982 | 58587 | | | 508 | 74751 | | | 03 | 8 |
| 030 | TROMSO | 142 | 05021 | | | 440 | 55574 | | | 994 | 62667 | | | 441 | 77806 | | | 03 | 8 |
| 384 | GARDERMOEN | 109 | 99999 | | | 467 | 08054 | 22 | 14 | 046 | 52562 | 21 | 3 | 629 | 60655 | 28 | 5 | 03 | 5 |
| 415 | SOLA | 121 | 11081 | | | 480 | 09508 | | | 050 | 52591 | | | 636 | 69784 | | | 03 | 8 |
| | BLOCK 02 | | | | | | | | | | | | | | | | | | |
| 057 | LULEA KALLAS | 132 | 10062 | | | 460 | 01552 | | | 993 | 56628 | | | 554 | 70771 | | | 03 | 8 |
| 077 | STOCKHOLM | 138 | 12097 | 10 | 13 | 490 | 07024 | 29 | 5 | 056 | 54571 | 27 | 16 | 632 | 71752 | 27 | 16 | 03 | 5 |
| 084 | GOTEBORG | 101 | 11105 | | | 461 | 07509 | | | 033 | 51601 | | | 627 | 69752 | | | 03 | 8 |
| | BLOCK 03 | | | | | | | | | | | | | | | | | | |
| 005 | LERWICK | 044 | 47410 | | | 477 | 39320 | 01 | 8 | 992 | 28150 | 22 | 3 | 841 | 01740 | 22 | 15 | 02 | 2 |
| 026 | STORNOWAY | 049 | 51440 | | | 486 | 33280 | 04 | 2 | 996 | 28890 | 28 | 7 | 846 | 00690 | 28 | 11 | 02 | 2 |
| 171 | LEUCHARS | 046 | 49440 | | | 479 | 31310 | | | 989 | 28100 | | | 834 | 94880 | | | 02 | 7 |
| 322 | FAZAKERLEY | 046 | 52500 | 02 | 9 | 483 | 37360 | 29 | 15 | 997 | 29260 | 31 | 10 | 849 | 00970 | 33 | 18 | 08 | 2 |
| 476 | DOWNHAM MKT | 033 | 54530 | 02 | 13 | 476 | 43430 | 32 | 11 | 989 | 27220 | 01 | 5 | 836 | 97990 | | | 02 | 2 |
| 743 | LARKHILL | 035 | | | | 483 | 47470 | 32 | 12 | 001 | 29026 | 31 | 12 | 856 | 00870 | 31 | 11 | 02 | 2 |
| 808 | CAMBORNE | 044 | 47200 | | | 485 | 41720 | 32 | 17 | 997 | 36210 | 30 | 36 | 842 | 95850 | 31 | 21 | 02 | 2 |
| 917 | ALDERGROVE | 046 | 52460 | | | 484 | 34300 | 33 | 6 | 997 | 32100 | 35 | 10 | 849 | 99770 | 30 | 7 | 02 | 2 |
| 953 | VALENTIA | 057 | 54 0 | 35 | 11 | 495 | 34 0 | 35 | 20 | 005 | 28**0 | | | 857 | 99**0 | | | 03 | 2 |
| | BLOCK 04 | | | | | | | | | | | | | | | | | | |
| 018 | KEFLAVIK | 048 | 08 1 | 29 | 4 | 483 | 03512 | 22 | 3 | 993 | 54628 | 03 | 7 | 835 | 70845 | 36 | 16 | 03 | 1 |
| 202 | THULE | 050 | 04022 | 30 | 2 | 489 | 05562 | 36 | 13 | 003 | 51659 | 31 | 15 | 852 | 69998 | 30 | 13 | 03 | 1 |
| 270 | NARSSARSSUAK | 043 | 08056 | 00 | | 482 | 05017 | 12 | 10 | 993 | 53552 | 12 | 12 | 842 | 69724 | 13 | 10 | 04 | 1 |
| 360 | ANGMAGSSALIK | 143 | 01000 | 27 | 1 | 477 | 07560 | 25 | 5 | 036 | 54650 | 36 | 52 | 628 | 67810 | 21 | 5 | 03 | 5 |
| | BLOCK 06 | | | | | | | | | | | | | | | | | | |
| 011 | THORSHAVN | 152 | 07042 | | | 466 | 53553 | | | 005 | 55617 | | | 551 | 72766 | | | 03 | 8 |
| 180 | KOBENHAVN | 105 | 16159 | 28 | 3 | 477 | 08068 | 23 | 4 | 056 | 51533 | 21 | 7 | 655 | 67718 | 25 | 14 | 03 | 5 |
| 260 | DE BILT | 103 | 18147 | | | 477 | 09053 | | | 053 | 51530 | | | 663 | 67771 | | | 03 | 8 |
| 447 | UCCLE | 103 | 15137 | | | 465 | 08052 | | | 031 | 51548 | | | 621 | 68721 | | | 03 | 8 |
| 610 | PAYERNE | 160 | | | | 520 | 07079 | | | 100 | 50505 | | | 710 | 63649 | | | 05 | 5 |
| | BLOCK 07 | | | | | | | | | | | | | | | | | | |
| 110 | BREST | 140 | 14138 | 29 | 8 | 485 | 05044 | 30 | 17 | 059 | 53557 | 30 | 26 | 628 | 70739 | 30 | 20 | 02 | 5 |
| 145 | TRAPPES | 122 | | | | 490 | 06041 | | | 042 | 52522 | | | 594 | 67726 | | | 02 | 8 |
| 190 | STRASBOURG | 141 | | | | 510 | 09002 | | | 082 | 52574 | | | 679 | 66747 | | | 02 | 8 |
| 480 | LYON | 148 | | | | 540 | 11068 | | | 126 | 02542 | | | 763 | 63722 | | | 02 | 8 |
| 510 | BORDEAUX | 171 | 15129 | 26 | 4 | 530 | 06039 | 26 | 16 | 098 | 50521 | 25 | 24 | 700 | 67711 | 27 | 36 | 02 | 5 |
| 645 | NIMES | 135 | 19151 | | | 480 | 13073 | | | 062 | 02503 | | | 687 | 64661 | | | 02 | 8 |
| | BLOCK 08 | | | | | | | | | | | | | | | | | | |
| 509 | LAGENS | 058 | 21019 | 19 | 26 | 513 | 14046 | 20 | 23 | 044 | 03536 | 33 | 23 | 920 | 50200 | 21 | 33 | 03 | 1 |
| 521 | FUNCHAL | 195 | 20148 | | | 591 | 16029 | | | 238 | 10569 | | | 949 | 58661 | | | 14 | 8 |
| 536 | PORTELA | 211 | 21087 | | | 598 | 15997 | | | 226 | 07998 | | | 928 | 59994 | | | 14 | 8 |
| | BLOCK 10 | | | | | | | | | | | | | | | | | | |
| 034 | SCHLESWIG | 035 | 82590 | 25 | 8 | 482 | 48400 | 20 | 9 | 001 | 29190 | 22 | 12 | 853 | 01880 | 20 | 17 | 02 | 2 |
| 122 | JEVER | 032 | 65600 | | | 485 | 50370 | 21 | 12 | 000 | 28200 | 20 | 14 | 857 | 03920 | | | 08 | 2 |
| 338 | HANNOVER | 036 | 60506 | 31 | 5 | 484 | 49340 | 20 | 13 | 000 | 27170 | 19 | 9 | 853 | 00790 | 22 | 28 | 02 | 2 |
| 384 | TEMPELHOF | 008 | 16148 | 00 | | 482 | 09037 | 25 | 14 | 061 | 51547 | 23 | 14 | 659 | 70791 | 23 | 27 | 03 | 5 |
| 419 | ISERLOHN | 040 | | | | 474 | 50330 | 23 | 20 | 009 | 32170 | 22 | 24 | 865 | 02760 | 22 | 29 | 02 | 2 |
| 633 | WIESBADEN | 134 | 12101 | 09 | 4 | 500 | 09033 | 23 | 22 | 075 | 53563 | 25 | 30 | 684 | 66758 | 23 | 37 | 03 | 5 |
| 672 | ERLANGEN | 141 | | | | 526 | 12064 | | | 113 | 51534 | | | 731 | 64731 | | | 03 | 8 |
| 866 | MUNCHEN RIEM | 147 | 99999 | 99 | 99 | 522 | 09055 | 26 | 13 | 112 | 00509 | 20 | 5 | 732 | 65689 | 22 | 21 | 03 | 5 |
| | BLOCK 11 | | | | | | | | | | | | | | | | | | |
| 030 | TULLN | 132 | | | | 423 | 11066 | | | 109 | 51561 | 25 | 8 | 718 | 66671 | 25 | 22 | 03 | 5 |
| 567 | PRAHA KBELY | 134 | | | | 540 | 12082 | | | 108 | 00511 | | | 726 | 65707 | | | 05 | 5 |
| | BLOCK 16 | | | | | | | | | | | | | | | | | | |
| 596 | ORENDI | | | | | 513 | 76370 | 32 | 23 | 058 | 52130 | 33 | 41 | 945 | 16840 | 33 | 29 | 02 | 2 |
| | BLOCK 17 | | | | | | | | | | | | | | | | | | |
| 130 | ANKARA | | | | | 507 | 61097 | | | 133 | 06187 | | | 823 | 59**4 | | | 02 | 8 |
| 606 | NICOSIA | | | | | 489 | 73450 | | | 031 | 58120 | | | 935 | 32680 | | | 02 | 7 |
| | BLOCK 40 | | | | | | | | | | | | | | | | | | |
| 648 | HABBANIYA | 514 | | | | 474 | | 30 | 21 | 026 | 64030 | 23 | 11 | 935 | 38710 | 09 | 3 | 14 | 2 |
| | BLOCK 42 | | | | | | | | | | | | | | | | | | |
| 182 | NEW DELHI | 502 | | | | 141 | 21190 | | | 306 | 10*** | | | 580 | 53*** | | | 15 | 8 |
| 339 | JODHPUR | 501 | | | | 142 | 22130 | | | 309 | 14020 | | | 586 | 51750 | | | 15 | 8 |
| 475 | BAMRAULI AL | 000 | | | | 143 | 21170 | | | 309 | 11090 | | | 583 | 53560 | | | 15 | 8 |
| 807 | CALCUTTA | 002 | 28260 | | | 144 | 20170 | | | 310 | 13060 | | | 584 | 54*** | | | 15 | 8 |
| 867 | NAGPUR | 003 | | | | 145 | 21170 | | | 311 | 12090 | | | 588 | 50540 | | | 15 | 8 |
| 909 | VERAVAL | 003 | 27250 | | | 145 | 19170 | | | 311 | 11060 | | | 585 | 53*** | | | 15 | 8 |
| | BLOCK 43 | | | | | | | | | | | | | | | | | | |
| 063 | POONA | 002 | | | | 144 | 19160 | | | 308 | 11020 | | | 583 | 53*** | | | 14 | 8 |
| 149 | VIZAGAPATAM | 003 | | | | 146 | 20160 | | | 312 | 11050 | | | 587 | 54*** | | | 14 | 8 |
| 279 | MADRAS | 005 | 28230 | | | 149 | 22130 | | | 315 | 11010 | | | 587 | 54*** | | | 14 | 8 |
| 371 | TRIVANDRUM | 008 | 26220 | | | 150 | 18130 | | | 315 | 10060 | | | 587 | 54*** | | | 15 | 8 |
| | BLOCK 45 | | | | | | | | | | | | | | | | | | |
| 007 | KAI TAK | 009 | 27240 | | | 151 | 19150 | | | 316 | 11040 | | | 589 | 53**0 | | | 22 | 8 |
| | BLOCK 47 | | | | | | | | | | | | | | | | | | |
| 212 | ZINSEN | 016 | 27127 | | | 495 | 22153 | | | 079 | 10023 | | | 661 | 51665 | | | 03 | 1 |
| 412 | SAPPORO DCMO | 020 | 27194 | | | 476 | 13074 | | | 002 | 05511 | | | 882 | 56618 | | | 03 | 1 |
| 580 | MISAWA | 027 | 31223 | 00 | | 494 | 17154 | 26 | 19 | 033 | 10990 | 25 | 33 | 921 | 56705 | 25 | 37 | 03 | 1 |
| 590 | SENDAI DCMO | 033 | 31297 | | | 499 | 21094 | | | 037 | 10522 | | | 929 | 54691 | | | 03 | 1 |
| 600 | WAJIMA | 032 | 31183 | | | 494 | 17061 | | | 023 | 05521 | | | 902 | 58638 | | | 03 | 1 |
| 635 | NAGOYA | 038 | 29234 | 16 | 11 | 506 | 19164 | 18 | 26 | 045 | 10022 | 21 | 28 | 937 | 55597 | 21 | 20 | 03 | 1 |
| 646 | TATENO | 066 | 31249 | | | 535 | 25157 | | | 084 | 15068 | | | 981 | 53649 | | | 03 | 1 |
| 671 | TOKYO | 033 | 30208 | 19 | 21 | 507 | 25041 | 22 | 19 | 053 | 14570 | 20 | 13 | 954 | 53993 | 20 | 15 | 03 | 1 |
| 744 | YONAGO | 013 | 32237 | | | 487 | 25199 | | | 034 | 15098 | | | 947 | 50658 | | | 03 | 1 |
| 778 | SHIONOMISAKI | 037 | 26239 | | | 496 | 18171 | | | 034 | 11079 | | | 935 | 50607 | | | 03 | 1 |
| 808 | ITAZUKE | 014 | 21006 | 25 | 10 | 473 | 16155 | 29 | 23 | 012 | 11062 | 28 | 19 | 910 | 53649 | 29 | 16 | 03 | 1 |
| | BLOCK 60 | | | | | | | | | | | | | | | | | | |
| 120 | PORT LYAUTEY | 018 | 16142 | | | 518 | 22011 | | | 060 | 12539 | | | 947 | 11995 | | | 03 | 6 |
| 390 | M BLANCHE | 129 | 23116 | 26 | 6 | 560 | 24047 | 26 | 11 | 219 | 12596 | 25 | 30 | 909 | 63758 | 26 | 44 | 02 | 5 |
| | BLOCK 61 | | | | | | | | | | | | | | | | | | |
| 642 | DAKAR OUAKAM | 101 | 25226 | 28 | 8 | 530 | 18119 | 18 | 14 | 156 | 09541 | 11 | 12 | 846 | 58790 | 08 | 19 | 07 | 5 |
| | BLOCK 62 | | | | | | | | | | | | | | | | | | |
| 011 | WHEELUS FLD | 130 | 24128 | 00 | | 555 | 23560 | 03 | 11 | 200 | 09597 | 03 | 34 | 886 | 59992 | 23 | 15 | 03 | 2 |
| 053 | BENINA | 044 | | | | 519 | 69230 | | | 036 | 49010 | | | 928 | 22610 | | | 02 | 7 |
| 366 | FAROUK | 088 | 22192 | 33 | 3 | 500 | 20012 | 31 | 11 | 115 | 13**0 | 21 | 6 | 889 | 51**4 | | | 03 | 5 |
| | BLOCK 70 | | | | | | | | | | | | | | | | | | |
| 026 | BARROW | 060 | 03002 | 09 | 23 | 498 | 06614 | 10 | 27 | 014 | 00646 | 08 | 14 | 877 | 65792 | 04 | 14 | 03 | 1 |
| 133 | KOTZEBUE | 035 | 19116 | 01 | 4 | 485 | 07009 | 14 | 15 | 001 | 52587 | 13 | 21 | 859 | 65992 | 15 | 19 | 03 | 1 |
| 200 | NOME | 033 | 15062 | 12 | 16 | 476 | 03019 | 15 | 25 | 990 | 52546 | 15 | 20 | 848 | 66718 | 17 | 23 | 03 | 1 |
| 204 | GAMBELL | 014 | 06068 | | | 449 | 04032 | | | 960 | 55574 | | | 807 | 69763 | | | 03 | 1 |
| 219 | BETHEL | 033 | 13099 | 21 | 4 | 476 | 06042 | 14 | 19 | 992 | 58**6 | | | 853 | 64784 | | | 03 | 1 |
| 231 | MCGRATH | 040 | 19105 | 20 | 8 | 485 | 07013 | 21 | 4 | 003 | 51633 | 14 | 8 | 862 | 66793 | 19 | 7 | 03 | 1 |
| 261 | FRBNKS WEEKS | 033 | | | | 487 | 11033 | 19 | 3 | 007 | 51559 | 18 | 2 | 862 | 68762 | 08 | 12 | 03 | 1 |
| 273 | ANCH MERRILL | 044 | 15107 | 26 | 7 | 488 | 06003 | 15 | 4 | 002 | 52612 | 14 | 8 | 858 | 66789 | 12 | 1 | 03 | 1 |
| 291 | NORTHWAY | 032 | | | | 487 | 10067 | 33 | 10 | 007 | 51547 | | | 861 | 68819 | | | 03 | 1 |
| 316 | FORT RANDALL | 101 | 42 | | | | | | | *** | ***** | | | *** | ***** | | | 03 | 1 |
| 350 | KODIAK | 048 | 10084 | | | 489 | 04028 | | | 000 | 00518 | | | 867 | 61738 | | | 03 | 1 |
| 361 | YAKUTAT | 052 | 10073 | 26 | 7 | 489 | 04026 | 31 | 6 | 006 | 51572 | 10 | 5 | 858 | 68826 | 35 | 6 | 03 | 1 |
| 381 | JUNEAU | 051 | | 33 | 2 | 492 | 04035 | | | 005 | 51521 | | | 859 | 67705 | | | 03 | 1 |
| 398 | ANNETTE IS | 050 | 11074 | 34 | 1 | 488 | 03008 | 14 | 2 | 000 | 52549 | 29 | 6 | *** | ***** | | | 03 | 1 |
| 439 | AMCHITKA | | | 0 | | | | | | | | | | | | | | | |
| 454 | LONGVIEW | 101 | 42 | | | | | | | *** | ***** | | | *** | ***** | | | 03 | 1 |
| 485 | FORT GLENN | 101 | 42 | | | | | | | *** | ***** | | | *** | ***** | | | 03 | 1 |
| | BLOCK 72 | | | | | | | | | | | | | | | | | | |
| 202 | MIAMI | 053 | 23218 | 00 | | 514 | 15138 | 16 | 4 | 048 | 07042 | 20 | 9 | 933 | 56615 | 18 | 7 | 03 | 1 |
| 208 | CHARLESTON | 053 | 25223 | 18 | 8 | 516 | 16123 | 20 | 18 | 051 | 07015 | 18 | 15 | 937 | 57624 | 16 | 16 | 04 | 1 |
| 219 | ATLANTA | 048 | | | | 508 | 16111 | 22 | 20 | 042 | 07031 | 20 | 15 | 926 | 57591 | | | 03 | 1 |
| 231 | NEW ORLEANS | 038 | 23216 | 18 | 6 | 502 | 18117 | 25 | 8 | 039 | 08018 | 27 | 16 | 927 | 55595 | 25 | 25 | 03 | 1 |

## RADIOSONDE AND RAWINSONDE DATA — Continued

| Index No. iii | 300 mb. hhh | TTTTT ddx | dd | ff | 200 mb. hhh | TTTTT ddx | dd | ff | 100 mb. hhh | TTTTT ddx | dd | ff | Hour GG | Code Type |
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| 001 | 902 | 02991 | | | 168 | 94995 | | | | | | | 03 | 8 |
| 030 | 895 | 98 6 | | | | | | | | | | | 03 | 8 |
| 384 | 923 | 96011 | 33 | 16 | 183 | 04996 | 26 | 14 | | | | | 03 | 5 |
| 415 | 922 | 99061 | | | 183 | 00994 | | | | | | | 03 | 8 |
| 02 | | | | | | | | | | | | | | |
| 057 | 912 | 97034 | | | | | | | | | | | 03 | 8 |
| 077 | 921 | 96990 | 27 | 19 | | | | | | | | | 03 | 5 |
| 084 | 923 | 96994 | | | 189 | 95994 | | | | | | | 03 | 8 |
| 03 | | | | | | | | | | | | | | |
| 005 | 028 | 51 0 | 19 | 12 | 885 | 38 0 | 22 | 14 | 383 | 46**0 | 23 | 8 | 02 | 2 |
| 026 | 030 | 51 0 | 26 | 17 | | | | | | | | | 02 | 2 |
| 171 | 998 | 39 0 | | | 848 | 40 0 | | | 326 | 39**0 | | | 02 | 7 |
| 322 | 036 | | 34 | 2 | 3 | | | | | | | | 08 | 2 |
| 476 | 009 | 48 0 | | | 883 | 49 0 | 24 | 18 | | | | | 02 | 2 |
| 743 | 041 | 48 0 | 32 | 7 | | | | | | | | | 02 | 2 |
| 808 | 015 | 45 | 32 | 36 | 881 | 47 0 | 28 | 15 | | | | | 02 | 2 |
| 917 | 028 | 47 0 | 02 | 17 | 893 | 47 0 | 27 | 10 | | | | | 02 | 2 |
| 953 | 040 | 50 0 | | | 900 | 40 0 | | | | | | | 03 | 2 |
| 04 | | | | | | | | | | | | | | |
| 018 | 003 | 98993 | 05 | 32 | 870 | 99998 | | | | | | | 03 | 1 |
| 202 | 024 | 98992 | 35 | 12 | 890 | 96999 | 32 | 6 | | | | | 03 | 1 |
| 270 | 016 | 97998 | 27 | 8 | 886 | 02990 | 17 | 15 | | | | | 04 | 1 |
| 360 | 923 | 97990 | | | 183 | 03990 | 00 | | 638 | 98990 | 12 | 4 | 03 | 5 |
| 06 | | | | | | | | | | | | | | |
| 011 | 910 | 97995 | | | 175 | 97992 | | | 632 | 96996 | | | 03 | 8 |
| 180 | 927 | 95992 | 24 | 24 | | | | | | | | | 03 | 5 |
| 260 | 931 | 95 | | | | | | | | | | | 03 | 8 |
| 447 | 231 | 95 4 | | | 912 | 95 4 | | | 506 | 00**0 | | | 03 | 8 |
| 610 | 420 | 86927 | | | 160 | 93 7 | | | | | | | 05 | 5 |
| 07 | | | | | | | | | | | | | | |
| 110 | 920 | 98 0 | 30 | 23 | 183 | 99 1 | 26 | 28 | 636 | 02**1 | 26 | 26 | 02 | 5 |
| 145 | 921 | 94 4 | | | 187 | 97 4 | | | 645 | 99**4 | | | 02 | 8 |
| 190 | 932 | 92 7 | | | 193 | 08 0 | | | 638 | 04**1 | | | 02 | 8 |
| 480 | 945 | 89982 | | | 212 | 02 0 | | | | | | | 02 | 8 |
| 510 | 933 | 92 0 | 23 | 50 | 199 | 00 4 | 24 | 42 | 649 | 05**0 | 26 | 44 | 02 | 5 |
| 645 | 938 | 90 4 | | | 206 | 02 7 | | | 648 | 07**4 | | | 02 | 8 |
| 08 | | | | | | | | | | | | | | |
| 509 | | | | | | | | | | | | | | |
| 521 | 971 | 84959 | | | 244 | 02996 | | | | | | | 14 | 8 |
| 536 | 969 | 87990 | | | 240 | 03996 | | | 670 | 10999 | | | 14 | 8 |
| 10 | | | | | | | | | | | | | | |
| 034 | 040 | 50 0 | 19 | 17 | 911 | 51 0 | 23 | 20 | 413 | 43**0 | 23 | 17 | 02 | 2 |
| 122 | 046 | 51 0 | 19 | 5 | 929 | 54 0 | 21 | 24 | | | | | 08 | 2 |
| 338 | 033 | 47 0 | 21 | 26 | 906 | 48 0 | 23 | 30 | *** | 40**0 | 21 | 16 | 02 | 2 |
| 384 | 925 | 97996 | 23 | 27 | 188 | 10993 | 24 | 26 | 642 | 01992 | 21 | 27 | 03 | 5 |
| 419 | 052 | 50 0 | 24 | 36 | | | | | | | | | 02 | 2 |
| 633 | 932 | 92990 | | | 197 | 00990 | | | 657 | 97990 | | | 03 | 5 |
| 672 | 938 | 91995 | | | 200 | 07997 | | | 654 | 01992 | | | 03 | 8 |
| 866 | 101 | 43 | | | | | | | | | | | 03 | 5 |
| 11 | | | | | | | | | | | | | | |
| 030 | 938 | 93 7 | 27 | 67 | 200 | 03 9 | 26 | 40 | 650 | 02**6 | | | 03 | 5 |
| 567 | 937 | 92990 | | | 204 | 01997 | | | 653 | 98990 | | | 05 | 5 |
| 16 | | | | | | | | | | | | | | |
| 596 | 182 | 74440 | 27 | 18 | 082 | 41 | | | | | | | 02 | 2 |
| 17 | | | | | | | | | | | | | | |
| 130 | 101 | 43 | | | | | | | | | | | 02 | 8 |
| 606 | | | | | 148 | 50 0 | | | 562 | ***** | | | 02 | 7 |
| 40 | | | | | | | | | | | | | | |
| 648 | 514 | 16570 | 18 | 3 | | | | | | | | | 14 | 2 |
| 42 | | | | | | | | | | | | | | |
| 182 | 964 | 77 | | | 244 | 98 | | | | | | | 15 | 8 |
| 339 | 981 | 82 | | | | | | | | | | | 15 | 8 |
| 475 | 969 | 77 | | | 252 | 94 | | | | | | | 15 | 8 |
| 807 | 101 | 43 | | | | | | | | | | | 15 | 8 |
| 867 | 971 | 71 | | | | | | | | | | | 15 | 8 |
| 909 | 970 | 78 | | | | | | | | | | | 15 | 8 |
| 43 | | | | | | | | | | | | | | |
| 063 | 101 | 43 | | | | | | | | | | | 14 | 8 |
| 149 | 980 | 81 | | | | | | | | | | | 14 | 8 |
| 279 | 973 | 80 | | | 248 | 00 | | | | | | | 14 | 8 |
| 371 | 965 | 83 | | | 237 | 06 | | | | | | | 15 | 8 |
| 45 | | | | | | | | | | | | | | |
| 007 | 101 | 50 | | | | | | | | | | | 22 | 8 |
| 47 | | | | | | | | | | | | | | |
| 212 | 281 | 75852 | | | 314 | 00992 | | | | | | | 03 | 1 |
| 412 | 153 | 71827 | | | 102 | 95995 | | | 567 | 05993 | | | 03 | 1 |
| 580 | 173 | 78994 | 23 | 19 | | | | | | | | | 03 | 1 |
| 590 | 188 | 83962 | | | 077 | 09991 | | | 592 | 08996 | | | 03 | 1 |
| 600 | 152 | 75862 | | | 090 | 91007 | | | | | | | 03 | 1 |
| 635 | | | | | | | | | | | | | | |
| 646 | 266 | 77872 | | | 193 | 93992 | | | 441 | 06993 | | | 03 | 1 |
| 671 | 212 | 80994 | 20 | 13 | 119 | 98993 | 00 | | 550 | 12999 | | | 03 | 1 |
| 744 | 207 | 73811 | | | 142 | 93995 | | | 589 | 13994 | | | 03 | 1 |
| 778 | 225 | 71993 | | | 176 | 88954 | | | 676 | 01990 | | | 03 | 1 |
| 808 | 168 | 79998 | 05 | 18 | 078 | 00990 | 33 | 9 | 474 | 21999 | 03 | 27 | 03 | 1 |
| 60 | | | | | | | | | | | | | | |
| 120 | 101 | 43 | | | | | | | | | | | 03 | 6 |
| 390 | 960 | 87945 | 26 | 69 | | | | | | | | | 02 | 5 |
| 61 | | | | | | | | | | | | | | |
| 642 | 101 | 43 | | | | | | | | | | | 07 | 5 |
| 62 | | | | | | | | | | | | | | |
| 011 | 965 | 82990 | 01 | 58 | 252 | 98995 | | | | | | | 03 | 2 |
| 053 | | | | | 090 | 43 0 | | | 476 | 00**0 | | | 02 | 7 |
| 366 | 101 | 43 | | | | | | | | | | | 03 | 5 |
| 70 | | | | | | | | | | | | | | |
| 026 | 074 | 93995 | | | | | | | | | | | 03 | 1 |
| 133 | 063 | 90961 | 15 | 11 | 734 | 01994 | | | 443 | 94999 | | | 03 | 1 |
| 200 | 048 | 90994 | 17 | 20 | 921 | 98992 | 19 | 22 | | | | | 03 | 1 |
| 204 | 000 | 92999 | | | 876 | 95998 | | | | | | | 03 | 1 |
| 219 | 064 | 88982 | | | 938 | 02996 | | | 429 | 97999 | | | 03 | 1 |
| 231 | 068 | 89974 | | | | 02995 | | | | | | | 03 | 1 |
| 261 | 045 | 95992 | 08 | 25 | 917 | 97991 | 36 | 10 | 426 | 95998 | | | 03 | 1 |
| 273 | 057 | 89994 | 30 | 43 | 934 | 02995 | 29 | 52 | | | | | 03 | 1 |
| 291 | 041 | 96991 | | | 919 | 96998 | | | 424 | 97993 | | | 03 | 1 |
| 316 | 101 | 42 | | | | | | | | | | | 03 | 1 |
| 350 | 084 | 86997 | | | 970 | 03995 | | | | | | | 03 | 1 |
| 361 | 034 | 95991 | 32 | 15 | 917 | 95997 | 32 | 18 | | | | | 03 | 1 |
| 381 | 047 | 95991 | | | 924 | 94999 | | | 438 | 97990 | | | 02 | 1 |
| 398 | 101 | 50 | | | | | | | | | | | 03 | 1 |
| 439 | 049 | 90990 | 30 | 35 | 932 | 95990 | | | | | | | 03 | 1 |
| 454 | 101 | 42 | | | | | | | | | | | 03 | 1 |
| 485 | 101 | 42 | | | | | | | | | | | 03 | 1 |
| 72 | | | | | | | | | | | | | | |
| 202 | 101 | 50 | | | | | | | | | | | 03 | 1 |
| 208 | 184 | 82992 | 15 | 32 | 080 | 03998 | 36 | 34 | 469 | 18992 | 09 | 9 | 04 | 1 |
| 219 | 170 | 82877 | | | 063 | 05990 | | | 453 | ***** | | | 03 | 1 |
| 231 | 178 | 82881 | 22 | 26 | 072 | 05995 | 22 | 32 | 454 | ***** | | | 03 | 1 |

## RADIOSONDE AND RAWINSONDE DATA. SIGNIFICANT LEVELS

| Index No. iii | 1st. 5th. etc. Level PPP | TTTTT ddx | 2nd. 6th. etc. Level PPP | TTTTT ddx | 3rd. 7th. etc. Level PPP | TTTTT ddx | 4th. 8th. etc. Level PPP | TTTTT ddx | Hour GG | Code Type |
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| 01 | | | | | | | | | | |
| 001 | 016 | 05016 | 990 | 02505 | 960 | 05519 | 887 | 03537 | 03 | 8 |
| 030 | 016 | 06031 | 885 | 55567 | 816 | 55584 | 773 | 57602 | 03 | 8 |
| 384 | 989 | 08081 | 954 | 14123 | 931 | 14102 | 757 | 01526 | 03 | 5 |
| 415 | 012 | 11094 | 924 | 05054 | 899 | 11047 | 836 | 09522 | 03 | 8 |
| 02 | | | | | | | | | | |
| 057 | 016 | 11070 | 892 | 04526 | 767 | 56616 | 719 | 55618 | 03 | 8 |
| 077 | 014 | 13099 | 975 | 10079 | 934 | 12080 | 285 | 98998 | 03 | 5 |
| 084 | 012 | 00099 | 952 | 14129 | 777 | 02539 | 728 | 00569 | 03 | 8 |
| 03 | | | | | | | | | | |
| 005 | 004 | 420 | 865 | 32270 | 825 | 42330 | 473 | 97700 | 02 | 2 |
| 026 | 016 | 51450 | | | | | | | 02 | 2 |
| 171 | 016 | 51460 | 818 | 33300 | 768 | 31190 | 717 | 31110 | 02 | 7 |
| 322 | 015 | 44520 | | | | | | | 08 | 2 |
| 476 | 008 | 55550 | | | | | | | 02 | 2 |
| 743 | 997 | 55550 | | | | | | | 02 | 2 |
| 808 | 006 | 59540 | | | | | | | 02 | 2 |
| 917 | 009 | 52460 | | | | | | | 02 | 2 |
| 953 | 019 | 56 0 | 826 | 30 0 | 805 | 36**0 | 750 | 31**0 | 03 | 2 |
| 04 | | | | | | | | | | |
| 018 | 012 | 08069 | 870 | 02007 | 838 | 03537 | 840 | 02572 | 03 | 1 |
| 202 | 014 | 04029 | 961 | 10055 | 557 | 63709 | 544 | 64768 | 03 | 1 |
| 270 | 101 | 50067 | 961 | 07048 | 935 | 09022 | 590 | 60627 | 04 | 1 |
| 360 | 012 | 01 | 987 | 50550 | 951 | 09030 | 911 | 10520 | 03 | 5 |
| 06 | | | | | | | | | | |
| 011 | 016 | 08052 | 963 | 07013 | 839 | 53548 | 810 | 50533 | 03 | 8 |
| 180 | 012 | 15157 | 957 | 16132 | 891 | 10084 | 650 | 56583 | 03 | 5 |
| 260 | 012 | 15146 | 004 | 19143 | 936 | 16061 | 821 | 06047 | 03 | 8 |
| 447 | 000 | 15137 | 976 | 15126 | 926 | 10088 | 910 | 10088 | 03 | 8 |
| 610 | 962 | 14145 | 879 | 10101 | 847 | 07075 | 765 | 02029 | 05 | 5 |
| 07 | | | | | | | | | | |
| 110 | 100 | 14138 | 990 | 14138 | 937 | 11092 | 905 | 09075 | 02 | 5 |
| 145 | 995 | 14121 | 952 | 11091 | 958 | 10087 | 875 | 02015 | 02 | 8 |
| 190 | 999 | 14115 | 955 | 10073 | 895 | 13046 | 875 | 10024 | 02 | 8 |
| 480 | 994 | 17163 | 979 | 18150 | 955 | 18130 | 869 | 12077 | 02 | 8 |
| 510 | 015 | 16141 | 970 | 15111 | 920 | 12082 | 880 | 09061 | 02 | 5 |
| 645 | 009 | 19143 | 951 | 19152 | 900 | 15105 | 800 | 10054 | 02 | 8 |
| 08 | | | | | | | | | | |
| 509 | | | | | | | | | | |
| 521 | 016 | 26183 | 008 | 21142 | 960 | 1915* | 920 | 1908* | 14 | 8 |
| 536 | 016 | 24104 | 916 | 15076 | 894 | 12007 | 880 | 17563 | 14 | 8 |
| 10 | | | | | | | | | | |
| 034 | 011 | 57260 | 582 | 12030 | 573 | 12010 | 257 | 37**0 | 02 | 2 |
| 122 | 011 | 67620 | | | 927 | 59490 | 679 | 28200 | 08 | 2 |
| 338 | 007 | 60590 | 956 | 62480 | | 25160 | 673 | 25160 | 02 | 2 |
| 384 | 007 | 16149 | 954 | 16098 | 766 | 03011 | 736 | 01532 | 03 | 5 |
| 419 | 984 | 57550 | | | | | | | 02 | 2 |
| 633 | 000 | 12101 | 940 | 15095 | 656 | 57601 | 632 | 55641 | 03 | 5 |
| 672 | 983 | 13106 | 970 | 17091 | 920 | 19061 | 730 | 00502 | 03 | 8 |
| 866 | 957 | 14128 | 936 | 15113 | 832 | 08062 | 795 | 07066 | 03 | 5 |
| 11 | | | | | | | | | | |
| 030 | 996 | 12187 | 943 | 18131 | 730 | 02555 | 662 | 55**5 | 03 | 5 |
| 567 | 982 | 17143 | 945 | 15134 | 908 | 16121 | 614 | 57622 | 05 | 5 |
| 16 | | | | | | | | | | |
| 596 | 000 | 700 | 974 | 83480 | 922 | 83410 | 476 | 13800 | 02 | 2 |
| 17 | | | | | | | | | | |
| 130 | 912 | 18122 | | 17118 | 891 | 18111 | 825 | 15080 | 02 | 8 |
| 606 | 982 | 85520 | 970 | 82550 | 941 | 84540 | 740 | 54370 | 02 | 7 |
| 40 | | | | | | | | | | |
| 648 | 992 | 09400 | 920 | 00170 | 917 | 80*** | 565 | 36030 | 14 | 2 |
| 42 | | | | | | | | | | |
| 182 | 973 | 26240 | 940 | 23230 | 410 | 64*** | 347 | 72*** | 15 | 8 |
| 339 | 975 | 27250 | 955 | 27220 | 884 | 21160 | 865 | 23140 | 15 | 8 |
| 475 | 989 | 27260 | 756 | 14140 | 148 | 04*** | | | 15 | 8 |
| 807 | 001 | 28210 | 730 | 13100 | 646 | 06050 | 580 | 04000 | 15 | 8 |
| 867 | 969 | 25220 | 250 | 78 | | | | | 15 | 8 |
| 909 | 002 | 27850 | 661 | 08050 | 629 | 06520 | 537 | 50570 | 15 | 8 |
| 43 | | | | | | | | | | |
| 063 | 939 | 25200 | 738 | 12070 | 475 | 53*** | 350 | 71*** | 14 | 8 |
| 149 | 998 | 29260 | 750 | 16050 | 534 | 50540 | 350 | 71*** | 14 | 8 |
| 279 | 004 | 20230 | 966 | 28190 | 560 | 00570 | 535 | 50*** | 14 | 8 |
| 371 | 002 | 26230 | 550 | 51 | 170 | 15*** | | | 15 | 8 |
| 45 | | | | | | | | | | |
| 007 | 010 | 26240 | 950 | 24220 | 900 | 22180 | 800 | 16130 | 22 | 8 |
| 47 | | | | | | | | | | |
| 212 | 001 | 27226 | 880 | 24156 | 588 | 08507 | 551 | 50611 | 03 | 1 |
| 412 | 005 | 28199 | 960 | 19127 | 897 | 16099 | 803 | 11052 | 03 | 1 |
| 580 | 005 | 31237 | 975 | 27193 | 780 | 15033 | 756 | 13015 | 03 | 1 |
| 590 | 007 | 32291 | 970 | 29214 | 801 | 18060 | 730 | 10514 | 03 | 1 |
| 600 | 009 | 32190 | 889 | 18075 | 700 | 04528 | 516 | 56618 | 03 | 1 |
| 635 | 011 | 30231 | 784 | 14126 | 732 | 13522 | 690 | 09050 | 03 | 1 |
| 646 | 007 | 32241 | 921 | 25217 | 632 | 08541 | 457 | 56698 | 03 | 1 |
| 671 | 011 | 31217 | 963 | 27185 | 905 | 29101 | 509 | 52694 | 03 | 1 |
| 744 | 004 | 32237 | 933 | 32232 | 880 | 28213 | 800 | 22178 | 03 | 1 |
| 778 | 004 | 27246 | 956 | 22202 | 588 | 04503 | 424 | 57707 | 03 | 1 |
| 808 | 004 | 21217 | 453 | 57704 | 400 | 65990 | 243 | 90990 | 03 | 1 |
| 60 | | | | | | | | | | |
| 120 | 020 | 16142 | 942 | 16102 | 912 | 22025 | 555 | 54624 | 03 | 6 |
| 390 | 012 | 21121 | 987 | 26116 | 900 | 26079 | 855 | 25046 | 02 | 5 |
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| 642 | 007 | 26228 | 932 | 20189 | 915 | 22151 | 764 | 14062 | 07 | 5 |
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| 011 | 015 | 21135 | 984 | 58020 | 945 | 27558 | 906 | 20997 | 03 | 2 |
| 053 | 001 | 69660 | 964 | 74600 | 912 | 76410 | 440 | 07500 | 02 | 7 |
| 366 | 002 | 22196 | 955 | 17171 | 924 | 21126 | 870 | 18054 | 03 | 5 |
| 70 | | | | | | | | | | |
| 026 | 022 | 02003 | 990 | 06021 | 902 | 06558 | 830 | 06654 | 03 | 1 |
| 133 | 012 | 20144 | 970 | 17050 | 712 | 52563 | 672 | 52611 | 03 | 1 |
| 200 | 011 | 15077 | 736 | 00510 | 668 | 54619 | 658 | 53718 | 03 | 1 |
| 204 | 004 | 07071 | 982 | 05049 | 646 | 56633 | 604 | 60693 | 03 | 1 |
| 219 | 011 | 15114 | 825 | 06041 | 770 | 53542 | 659 | 55589 | 03 | 1 |
| 231 | 008 | 19108 | 828 | 05005 | | | 653 | | 03 | 1 |
| 261 | 996 | 26172 | 985 | 22111 | 660 | 54585 | 645 | 54586 | 03 | 1 |
| 273 | 011 | 17114 | 940 | 11042 | 895 | 08043 | 788 | 01516 | 03 | 1 |
| 291 | 953 | 18187 | 681 | 53552 | 560 | 61747 | 467 | 72827 | 03 | 1 |
| 316 | | | | | | | | | | |
| 350 | 016 | 11091 | 890 | 04027 | 780 | 05034 | 629 | 56589 | 03 | 1 |
| 361 | 018 | 11083 | 867 | 02003 | 799 | 06500 | 787 | 05542 | 03 | 1 |
| 381 | 008 | 13101 | 004 | 10996 | | | 934 | 07056 | 03 | 1 |
| 398 | 014 | 12186 | | | | | 652 | 55574 | 03 | 1 |
| 439 | | | | | | | | | | |
| 454 | | | | | | | | | | |
| 485 | | | | | | | | | | |
| 72 | | | | | | | | | | |
| 202 | 018 | 24227 | 425 | 63714 | 101 | 58*** | | | 03 | 1 |
| 208 | 017 | 22227 | 602 | 00567 | 584 | 50608 | 550 | 52587 | 04 | 1 |
| 219 | 982 | 21195 | 963 | 20176 | 929 | 21173 | 915 | 19153 | 03 | 1 |
| 231 | 013 | 23229 | 952 | 22192 | 934 | 24161 | 604 | 50532 | 03 | 1 |

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| Index No. iii | 1st. 5th. etc. Level PPP | TTTTT ddx | 2nd. 6th. etc. Level PPP | TTTTT ddx | 3rd. 7th. etc. Level PPP | TTTTT ddx | 4th. 8th. etc. Level PPP | TTTTT ddx | Hour GG | Code Type |
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| 030 | 725 | 62653 | 705 | 62664 | 587 | 69718 | 474 | 80820 | 03 | 8 |
| 384 | 736 | 01534 | 650 | 57614 | 631 | 57627 | 519 | 67729 | 03 | 5 |
| 415 | 773 | 04534 | 681 | 54603 | 666 | 54613 | 555 | 65731 | 03 | 8 |
| 02 | | | | | | | | | | |
| 057 | 567 | 65724 | 548 | 65725 | | | | | 03 | 8 |
| 077 | 238 | 02995 | 206 | 98996 | | | | | 03 | 5 |
| 084 | 278 | 00992 | 242 | 02992 | 207 | 95996 | | | 03 | 8 |
| 03 | | | | | | | | | | |
| 005 | 330 | 60400 | 230 | 28 0 | 223 | 30**0 | 213 | 30**0 | 02 | 2 |
| 026 | | | | | | | | | | |
| 171 | 290 | 35 0 | 265 | 28 0 | 253 | 27**0 | 228 | 36**0 | 02 | 7 |
| 322 | | | | | | | | | | |
| 476 | | | | | | | | | | |
| 743 | | | | | | | | | | |
| 808 | | | | | | | | | | |
| 917 | | | | | | | | | | |
| 953 | 724 | 31 0 | 650 | 23 0 | 585 | 12**0 | 561 | 12**0 | 03 | 2 |
| 04 | | | | | | | | | | |
| 018 | 770 | 50552 | 664 | 57673 | 598 | 62701 | 477 | 73872 | 03 | 1 |
| 202 | 400 | 82994 | 363 | 88995 | 250 | 03995 | 134 | 95993 | 03 | 1 |
| 270 | 453 | 73766 | 400 | 84932 | 282 | 90990 | 236 | 08995 | 04 | 1 |
| 360 | 417 | 79920 | 331 | 96040 | 248 | 07990 | 230 | 08990 | 03 | 5 |
| 06 | | | | | | | | | | |
| 011 | 772 | 51553 | 336 | 94992 | 257 | 03995 | 220 | 97998 | 03 | 8 |
| 180 | 637 | 55586 | 237 | 05993 | 224 | 03997 | | | 03 | 5 |
| 260 | 744 | 01503 | 698 | 50537 | 586 | 58639 | 554 | 62656 | 03 | 8 |
| 447 | 785 | 05020 | 641 | 56607 | 625 | 56607 | 243 | 98**4 | 03 | 8 |
| 610 | 575 | 57579 | 557 | 59603 | 500 | 63649 | 417 | 70738 | 05 | 5 |
| 07 | | | | | | | | | | |
| 110 | 835 | 04035 | 705 | 02002 | 742 | 00512 | 680 | 55562 | 02 | 5 |
| 145 | 790 | 02014 | 594 | 60625 | 558 | 61665 | 506 | 66721 | 02 | 8 |
| 190 | 770 | 03526 | 722 | 51567 | 675 | 56591 | 629 | 57614 | 02 | 8 |
| 480 | 755 | 06008 | 620 | 54643 | 507 | 62713 | 393 | 76868 | 02 | 8 |
| 510 | 755 | 51522 | 715 | 00505 | 650 | 54572 | 590 | 61632 | 02 | 5 |
| 645 | 780 | 08032 | 700 | 02503 | 640 | 52557 | 578 | 58605 | 02 | 8 |
| 08 | | | | | | | | | | |
| 509 | | | | | | | | | | |
| 521 | 820 | 1500 | 790 | 1755 | 744 | 15566 | 670 | 0900* | 14 | 8 |
| 536 | 810 | 16994 | 670 | 07998 | 400 | 69996 | 136 | 14990 | 14 | 8 |
| 10 | | | | | | | | | | |
| 034 | 218 | 43 0 | 206 | 51 0 | 117 | 47**0 | | | 02 | 2 |
| 122 | 623 | 19110 | 306 | 52 0 | 274 | 45**0 | 184 | 60**0 | 08 | 2 |
| 338 | 271 | 41 0 | 258 | 41 0 | 095 | 39**0 | | | 02 | 2 |
| 384 | 672 | 54542 | 640 | 54694 | 400 | 82078 | 348 | 90933 | 03 | 5 |
| 419 | | | | | | | | | | |
| 633 | 524 | 64723 | 400 | 79886 | 310 | 90943 | 236 | 04992 | 03 | 5 |
| 672 | 500 | 64731 | 400 | 80871 | 300 | 91995 | 230 | 06996 | 03 | 8 |
| 866 | 592 | 57608 | 576 | 58611 | 490 | 65684 | 434 | 70754 | 03 | 5 |
| 11 | | | | | | | | | | |
| 030 | 650 | 54572 | 600 | 57708 | 573 | 59658 | 549 | 62755 | 03 | 5 |
| 567 | 573 | 57617 | 276 | 95990 | 161 | 05992 | | | 05 | 5 |
| 16 | | | | | | | | | | |
| 596 | 384 | 92620 | 144 | 18 0 | | | | | 02 | 2 |
| 17 | | | | | | | | | | |
| 130 | 784 | 11039 | 748 | 09051 | 681 | 07631 | 653 | 34675 | 02 | 8 |
| 606 | 718 | 60230 | 540 | 35710 | 383 | 84430 | 095 | 04**0 | 02 | 7 |
| 40 | | | | | | | | | | |
| 648 | | | | | | | | | | |
| 42 | | | | | | | | | | |
| 182 | 329 | 72 | 174 | 03 | | | | | 15 | 8 |
| 339 | | | | | | | | | | |
| 475 | | | | | | | | | | |
| 807 | 569 | 01000 | 376 | 68 | 357 | 73*** | 339 | 74*** | 15 | 8 |
| 867 | | | | | | | | | | |
| 909 | 511 | 51 | 457 | 57 | 439 | 58*** | 300 | 78*** | 15 | 8 |
| 43 | | | | | | | | | | |
| 063 | | | | | | | | | | |
| 149 | 276 | 85 | | | | | | | 14 | 8 |
| 279 | | | | | | | | | | |
| 371 | | | | | | | | | | |
| 45 | | | | | | | | | | |
| 007 | 750 | 14070 | 650 | 08520 | 600 | 04570 | 550 | 51**0 | 22 | 8 |
| 47 | | | | | | | | | | |
| 212 | 545 | 50632 | 396 | 60710 | 277 | 79905 | 169 | 73931 | 03 | 1 |
| 412 | 733 | 06018 | 624 | 50559 | 531 | 55595 | 440 | 61651 | 03 | 1 |
| 580 | 738 | 12605 | 633 | 04715 | 580 | 50601 | 465 | 59761 | 03 | 1 |
| 590 | 677 | 09540 | 600 | 03603 | 473 | 56712 | 400 | 65803 | 03 | 1 |
| 600 | 437 | 64745 | 335 | 72864 | 248 | 81990 | 177 | 98997 | 03 | 1 |
| 635 | 636 | 06521 | 622 | 04584 | 583 | 01512 | 400 | 65694 | 03 | 1 |
| 646 | 400 | 64753 | 153 | 00993 | 112 | 04999 | 072 | 05995 | 03 | 1 |
| 671 | 400 | 65993 | 261 | 87991 | 101 | 58*** | | | 03 | 1 |
| 744 | 733 | 17129 | 640 | 12065 | 560 | 06002 | 400 | 59667 | 03 | 1 |
| 778 | 191 | 80976 | 133 | 01990 | 089 | 00997 | 075 | 98997 | 03 | 1 |
| 808 | 150 | 13996 | 068 | 17990 | | | | | 03 | 1 |
| 60 | | | | | | | | | | |
| 120 | 529 | 59713 | 400 | 72990 | | | | | 03 | 6 |
| 390 | 777 | 10521 | 751 | 17553 | 664 | 08618 | 474 | 68782 | 02 | 5 |
| 61 | | | | | | | | | | |
| 642 | 716 | 09005 | 668 | 07997 | 610 | 01583 | 548 | 56991 | 07 | 5 |
| 62 | | | | | | | | | | |
| 011 | 857 | 24584 | 757 | 15611 | 654 | 05601 | 600 | 00730 | 03 | 2 |
| 053 | 107 | 98 0 | | | | | | | 02 | 7 |
| 366 | 781 | 16534 | 400 | 58 4 | | | | | 03 | 5 |
| 70 | | | | | | | | | | |
| 026 | 602 | 55725 | 400 | 67899 | 254 | 00997 | | | 03 | 1 |
| 133 | 532 | 62774 | 430 | 71849 | 400 | 76887 | 215 | 06995 | 03 | 1 |
| 200 | 636 | 52666 | 533 | 63684 | 410 | 77803 | 400 | 77803 | 03 | 1 |
| 204 | 400 | 77831 | 328 | 88958 | 232 | 01993 | | | 03 | 1 |
| 219 | 535 | 55731 | 609 | 54721 | 488 | 65728 | 461 | 68774 | 03 | 1 |
| 231 | | 71837 | 400 | 76806 | 386 | 78824 | 334 | 82909 | 03 | 1 |
| 261 | 604 | 58661 | 400 | 80882 | 340 | 89989 | 232 | 02995 | 03 | 1 |
| 273 | 756 | 00545 | 731 | 00603 | 676 | 53625 | 660 | 54686 | 03 | 1 |
| 291 | 400 | 81 5 | 342 | 89995 | 260 | 00990 | 064 | 96990 | 03 | 1 |
| 316 | | | | | | | | | | |
| 350 | | | | | | | 280 | 90990 | 03 | 1 |
| 361 | 590 | 50734 | 453 | 74838 | 400 | 82941 | 352 | 89993 | 03 | 1 |
| 381 | 462 | | | | 335 | 88969 | 261 | 00997 | 03 | 1 |
| 398 | 590 | 61635 | 572 | 61647 | 558 | | | | 03 | 1 |
| 439 | 244 | 00990 | 142 | 96995 | 101 | 58*** | | | 03 | 1 |
| 454 | | | | | | | | | | |
| 485 | | | | | | | | | | |
| 72 | | | | | | | | | | |
| 202 | | | | | | | | | | |
| 208 | 470 | 59677 | 451 | 61678 | 430 | 64802 | 413 | 66736 | 04 | 1 |
| 219 | 900 | 20153 | 872 | 16128 | 794 | 14082 | 582 | 50528 | 03 | 1 |
| 231 | 400 | 65727 | 270 | 87947 | 118 | 20992 | | | 03 | 1 |

## JULY 18

# RADIOSONDE AND RAWINSONDE DATA

| Index No. iii | Station Name | 1000 mb. hhh | TTTTT ddx | dd | ff | 850 mb. hhh | TTTTT ddx | dd | ff | 700 mb. hhh | TTTTT ddx | dd | ff | 500 mb. hhh | TTTTT ddx | dd | ff | Hour GG | Code Type |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 240 | LAKE CHARLES | 034 | 25221 | 20 | 10 | 499 | 19073 | 28 | 3 | 038 | 10614 | 24 | 9 | 931 | 55992 | 32 | 5 | 03 | 1 |
| 250 | BROWNSVILLE | 031 | 27241 | 13 | 11 | 500 | 20135 | 17 | 11 | 042 | 11501 | 18 | 12 | 938 | 55647 | 19 | 3 | 03 | 1 |
| 253 | SAN ANTONIO | 026 | | | | 495 | 21122 | 13 | 8 | 037 | 11998 | 19 | 6 | 934 | 53992 | 05 | 11 | 03 | 1 |
| 259 | FT WORTH | 026 | | | | 502 | 22148 | 21 | 4 | 044 | 11990 | 06 | 5 | 958 | 53998 | 01 | 17 | 03 | 1 |
| 265 | BIG SPRING | 012 | | | | 491 | 26094 | 17 | 8 | 040 | 13040 | 33 | 4 | 936 | 55651 | 02 | 23 | 03 | 1 |
| 270 | EL PASO | 506 | | | | 481 | 33091 | 15 | 8 | 040 | 17033 | 27 | 5 | 941 | 56611 | | | 03 | 1 |
| 278 | PHOENIX | 503 | | | | 484 | 31102 | 29 | 15 | 040 | 16004 | 32 | 5 | 941 | 56652 | 14 | 10 | 03 | 1 |
| 304 | HATTERAS | 058 | 24228 | 21 | 16 | 520 | 16101 | | | 053 | 06012 | | | 935 | 58642 | | | 03 | 1 |
| 317 | GREENSBORO | 050 | | | | 511 | 15136 | | | 047 | 08036 | | | 935 | 57648 | 19 | 20 | 03 | 1 |
| 327 | NASHVILLE | 034 | | | | 499 | 17126 | 21 | 6 | 034 | 06034 | 22 | 12 | 918 | 58701 | 23 | 24 | 03 | 1 |
| 340 | LITTLE ROCK | 029 | 27233 | 14 | 5 | 496 | 18131 | 24 | 10 | 032 | 07044 | 26 | 7 | 923 | 56990 | 31 | 14 | 03 | 1 |
| 353 | OKLAHOMA CTY | 014 | | | | 489 | 24141 | 20 | 28 | 036 | 13515 | 33 | 11 | 932 | 57666 | 01 | 16 | 03 | 1 |
| 365 | ALBUQUERQUE | 514 | | | | 476 | | | | 036 | 17014 | 24 | 10 | 939 | 56585 | 32 | 23 | 03 | 1 |
| 386 | LAS VEGAS | 514 | | | | 476 | 33034 | 25 | 25 | 035 | 17506 | 21 | 18 | 937 | 55685 | | | 04 | 1 |
| 394 | SANTA MARIA | 026 | 14125 | 31 | 6 | 488 | 25011 | 26 | 10 | 036 | 13525 | 23 | 10 | 934 | 55637 | 21 | 18 | 03 | 1 |
| 405 | WASHINGTON | 043 | 26213 | 19 | 16 | 508 | 16147 | 23 | 33 | 044 | 09034 | 22 | 33 | 932 | 56702 | | | 03 | 1 |
| 445 | COLUMBIA | 024 | | | | 488 | 18124 | 21 | 11 | 025 | 09999 | 28 | 5 | 913 | 58707 | 31 | 19 | 03 | 1 |
| 451 | DODGE CITY | 006 | | | | 483 | 28151 | 19 | 19 | 035 | 15032 | 26 | 7 | 930 | 56997 | 34 | 10 | 03 | 1 |
| 476 | GRAND JUNC | 506 | | | | 479 | | | | 036 | 16019 | 36 | 6 | 937 | 56618 | 26 | 24 | 03 | 1 |
| 486 | ELY | 512 | | | | 472 | | | | 034 | 18542 | 20 | 3 | 936 | 56625 | 24 | 13 | 03 | 1 |
| 493 | OAKLAND | 024 | 14117 | 29 | 12 | 483 | 23022 | 23 | 21 | 027 | 12585 | 22 | 20 | 923 | 55998 | 21 | 28 | 03 | 1 |
| 506 | NANTUCKET | 050 | 19199 | 26 | 11 | 509 | 17132 | 25 | 30 | 047 | 10077 | 26 | 39 | 942 | 54592 | 25 | 30 | 03 | 1 |
| 518 | ALBANY | 043 | 21194 | 18 | 5 | 500 | 13122 | | | 030 | 05043 | | | 909 | 58607 | | | 03 | 1 |
| 520 | PITTSBURGH | 035 | | | | 497 | 15147 | 21 | 22 | 034 | 07057 | | | 922 | 57583 | | | 03 | 1 |
| 528 | BUFFALO | 038 | | | | 497 | 14113 | 14 | 8 | 026 | 05032 | | | 908 | 56584 | | | 03 | 1 |
| 534 | CHICAGO | 030 | | | | 492 | 16081 | 20 | 9 | 022 | 06533 | 22 | 9 | 899 | 60992 | | | 03 | 1 |
| 536 | TOLEDO | 035 | | | | 493 | 14095 | 09 | 5 | 024 | 05008 | 05 | 11 | *** | ***** | | | 03 | 1 |
| 553 | OMAHA | 008 | | | | 478 | 20154 | 21 | 38 | 021 | 11042 | 27 | 26 | 910 | 58997 | 29 | 22 | 03 | 1 |
| 562 | N PLATTE | 501 | | | | 474 | 25085 | 16 | 4 | 022 | 14531 | | | 914 | 57998 | | | 03 | 1 |
| 576 | LANDER | 503 | | | | 474 | | | | 023 | 13602 | 31 | 16 | 912 | 58995 | 29 | 32 | 03 | 1 |
| 597 | MEDFORD | 013 | | | | 480 | 19518 | 30 | 9 | 017 | 09582 | 23 | 18 | 893 | 63752 | 21 | 23 | 03 | 1 |
| 600 | SABLE ISLAND | 055 | 14149 | | | 510 | 15066 | | | 044 | 08602 | | | 930 | 58763 | | | 03 | 1 |
| 606 | PORTLAND | 049 | 18161 | | | 507 | 16069 | | | 039 | 07001 | | | 928 | 56602 | | | 03 | 1 |
| 655 | ST CLOUD | 015 | | | | 475 | 15057 | 25 | 13 | 004 | 04003 | 32 | 14 | *** | ***** | | | 04 | 1 |
| 662 | RAPID CITY | 503 | | | | 471 | 24027 | 09 | 2 | 014 | 10554 | 28 | 10 | 898 | 62775 | 28 | 44 | 03 | 1 |
| 681 | BOISE | 014 | | | | 483 | 22993 | 35 | 9 | 022 | 09998 | 29 | 12 | 902 | 61993 | 26 | 19 | 03 | 1 |
| 712 | CARIBOU | 042 | | | | 502 | 15049 | 25 | 16 | 033 | 05548 | 27 | 14 | 914 | 58999 | 24 | 20 | 03 | 1 |
| 734 | SAULT MARIE | 032 | | | | 494 | 16094 | 19 | 16 | 024 | 04015 | 21 | 13 | 903 | 59997 | 22 | 18 | 03 | 1 |
| 747 | INTL FALLS | 003 | | | | 463 | 16121 | 21 | 43 | 994 | 05042 | 23 | 18 | 868 | 62717 | 22 | 30 | 03 | 1 |
| 764 | BISMARCK | 501 | | | | 464 | 18513 | 31 | 23 | 994 | 05642 | 26 | 39 | 861 | 64990 | 26 | 48 | 03 | 1 |
| 768 | GLASGOW | 013 | | | | 468 | 12063 | 30 | 45 | 992 | 01521 | | | 861 | 62673 | | | 03 | 1 |
| 775 | GREAT FALLS | 024 | | | | 486 | 14035 | 36 | 17 | 014 | 03552 | 28 | 20 | 880 | 62731 | | | 03 | 1 |
| 785 | SPOKANE | 026 | | | | 491 | 16515 | 13 | 6 | 020 | 05598 | 28 | 7 | 896 | 60784 | 24 | 24 | 03 | 1 |
| 798 | TATOOSH IS | 040 | 10097 | 27 | 4 | 482 | 06517 | 19 | 10 | 000 | 51535 | 21 | 22 | 856 | 67706 | 18 | 27 | 03 | 1 |
| 807 | ARGENTIA | 101 | 40 | | | | | | | *** | ***** | | | *** | ***** | | | 04 | 1 |
| 815 | STEPHENVILLE | 040 | 15110 | 02 | 6 | 493 | 12080 | 27 | 23 | 017 | 03650 | 28 | 36 | 890 | 60999 | 28 | 42 | 03 | 1 |
| 816 | GOOSE | 018 | 15116 | 36 | 7 | 464 | 07069 | 25 | 26 | 979 | 53561 | 26 | 25 | 835 | 69997 | | | 03 | 1 |
| 826 | NITCHEQUON | 025 | | | | 463 | 03533 | | | 971 | 54651 | | | 827 | 63708 | | | 03 | 1 |
| 836 | MOOSONEE | 041 | 11070 | | | 487 | 15112 | | | 023 | 03507 | | | 897 | 60684 | | | 03 | 1 |
| 867 | THE PAS | 501 | | | | 443 | 09051 | | | 962 | 50537 | | | 822 | 64765 | | | 03 | 1 |
| 879 | EDMONTON | 030 | | | | 480 | 09063 | 34 | 27 | 000 | 01569 | 36 | 22 | 870 | 61649 | 36 | 10 | 03 | 1 |
| 896 | PRINCE GEORG | 041 | | | | 492 | 08012 | 05 | 5 | 008 | 05582 | 15 | 8 | 869 | 65782 | 17 | 20 | 03 | 1 |
| 906 | FT CHIMO | | | | | 441 | 52561 | 29 | 22 | 938 | 62682 | 29 | 19 | 777 | 79905 | | | 03 | 1 |
| 907 | PORT HARRISN | 026 | 02018 | | | 456 | 51525 | | | 960 | 56606 | | | 794 | 75991 | | | 03 | 1 |
| 913 | CHURCHILL | 039 | 07034 | 09 | 13 | 469 | 01606 | 09 | 12 | 981 | 51994 | 08 | 6 | 836 | 65996 | 28 | 13 | 03 | 1 |
| 915 | CORAL HARBOR | 043 | 06044 | | | 472 | 53541 | | | 972 | 58679 | | | 795 | 78993 | | | 03 | 1 |
| 917 | EUREKA | 065 | 08512 | 34 | 11 | 499 | 03545 | 33 | 14 | 012 | 53569 | 33 | 16 | 858 | 69781 | 32 | 23 | 03 | 1 |
| 918 | ARCTIC BAY | 056 | 01011 | | | 492 | 05020 | | | 006 | 53624 | | | 851 | 71990 | | | 03 | 1 |
| 924 | RESOLUTE | 065 | 09047 | 03 | 17 | 502 | 04553 | 02 | 11 | 012 | 53701 | 35 | 10 | 859 | 69741 | 01 | 11 | 03 | 1 |
| 926 | BAKER LAKE | 101 | 59 | | | | | | | *** | ***** | | | *** | ***** | | | 03 | 1 |
| 934 | FT SMITH | 035 | | | | 478 | 05036 | | | 995 | 01597 | | | 859 | 64999 | | | 03 | 1 |
| 938 | COPPERMINE | 050 | 07040 | | | 486 | 03527 | | | 996 | 53589 | | | 847 | 66723 | | | 03 | 1 |
| 945 | FORT NELSON | 004 | | | | 493 | 09031 | | | 012 | ***** | | | 868 | 63739 | | | 03 | 1 |
| 964 | WHITEHORSE | 034 | | | | 484 | 09087 | 27 | 2 | 005 | 00501 | 16 | 4 | 866 | 64676 | 13 | 11 | 03 | 1 |
| 968 | AKLAVIK | 058 | 07028 | | | 492 | 00523 | | | 999 | 53604 | | | 847 | 67771 | | | 03 | 1 |
| | BLOCK 74 | | | | | | | | | | | | | | | | | | |
| 043 | NORMAN WELLS | 054 | 17069 | | | 498 | 05012 | | | 012 | 50688 | | | 867 | 67763 | | | 03 | 1 |
| 072 | MOULD BAY | 069 | 06044 | | | 503 | 02606 | | | 016 | 51692 | | | 870 | 68799 | | | 03 | 1 |
| 074 | ISACHSEN | 074 | 02017 | | | 508 | 03611 | | | 021 | 52673 | | | 871 | 69790 | | | 03 | 1 |
| 090 | CLYDE RIVER | 052 | 03027 | 33 | 4 | 484 | 02524 | 16 | 9 | 995 | 53621 | 12 | 15 | 844 | 68839 | 12 | 13 | 03 | 1 |
| 109 | PORT HARDY | 041 | 12107 | | | 483 | 04016 | | | 995 | 52569 | | | 858 | 67805 | | | 03 | 1 |
| 188 | MINGAN L PT | 032 | 12111 | 26 | 12 | 484 | 10011 | 30 | 29 | 986 | 07396 | | | 855 | ***** | | | 03 | 1 |
| | BLOCK 76 | | | | | | | | | | | | | | | | | | |
| 458 | MAZATLAN | 036 | 26216 | | | 501 | 18127 | | | 041 | 10044 | | | 933 | 56581 | | | 02 | 1 |
| 491 | C VICTORIA | 002 | | | | 493 | 20167 | | | 036 | 10006 | | | 931 | 54631 | | | 02 | 1 |
| 644 | MERIDA | 038 | 28222 | | | 507 | 19142 | | | 046 | 08006 | | | 932 | 58665 | | | 03 | 1 |
| 679 | TACUBAYA | 019 | | | | 490 | | | | 035 | 10052 | | | 928 | 56587 | | | 03 | 1 |
| | BLOCK 78 | | | | | | | | | | | | | | | | | | |
| 016 | KINDLEY FLD | 069 | 23190 | 00 | | 526 | | 00 | | 052 | 08995 | 08 | 7 | 937 | 58990 | 06 | 16 | 03 | 1 |
| 325 | HAVANA C B | 050 | 24224 | 13 | 3 | 515 | 17125 | 11 | 3 | 051 | 08032 | 17 | 4 | 937 | 56601 | 17 | 4 | 03 | 1 |
| 355 | CAMAGUEY | 049 | 23213 | | | 514 | 17137 | | | 051 | 08515 | | | 938 | 58622 | | | 03 | 1 |
| 367 | GUANTANAMO | 049 | 26229 | | | 512 | 18132 | | | 051 | 07539 | | | 934 | 57991 | | | 03 | 1 |
| 395 | VERNAM FIELD | 043 | 26223 | 10 | 6 | 506 | 17101 | 10 | 23 | 039 | 06548 | 13 | 29 | 920 | 58683 | 10 | 11 | 03 | 1 |
| 501 | SWAN ISLAND | 038 | 26231 | | | 503 | 18142 | | | 041 | 10014 | | | 933 | 55647 | | | 03 | 1 |
| 525 | SAN JUAN | 051 | 25229 | 08 | 21 | 514 | 15147 | 10 | 26 | 050 | 08565 | 08 | 24 | 934 | 58991 | 12 | 16 | 03 | 1 |
| 806 | ALBROOK FLD | | | | | | | | | 025 | 10011 | 13 | 20 | 904 | 58611 | 11 | 26 | 03 | 1 |
| 862 | COOLIDGE FLD | 049 | 26234 | 09 | 14 | 519 | 21 2 | 08 | 22 | 067 | 17054 | 08 | 19 | *** | ***** | | | 03 | 1 |
| 967 | CHAGUARAMAS | 040 | 23216 | | | 505 | 17132 | | | 041 | 08041 | | | 908 | 57994 | | | 03 | 1 |
| 972 | WALLER FIELD | 029 | 23222 | 03 | 5 | 501 | 17120 | 12 | 21 | 038 | 07037 | 15 | 21 | 923 | 57614 | 14 | 17 | 03 | 1 |
| | BLOCK 80 | | | | | | | | | | | | | | | | | | |
| 050 | BARRANQUILLA | 101 | 42 | | | | | | | *** | ***** | | | *** | ***** | | | 03 | 1 |
| | BLOCK 91 | | | | | | | | | | | | | | | | | | |
| 115 | IWO JIMA | 043 | 29253 | 09 | 10 | 508 | 16115 | 10 | 10 | 042 | 08521 | 11 | 10 | 930 | 56666 | 01 | 6 | 03 | 1 |
| 182 | HONOLULU | 044 | 25178 | 08 | 12 | 505 | 14041 | 09 | 13 | 034 | 07999 | 09 | 17 | 926 | 56992 | 20 | 9 | 03 | 1 |
| 215 | HARMON FLD | 026 | 29234 | 11 | 8 | 493 | 18143 | 12 | 10 | 034 | 09039 | 12 | 7 | 925 | 56593 | 18 | 16 | 03 | 1 |
| 245 | WAKE ISLAND | 040 | 26218 | 09 | 11 | 504 | 17134 | 10 | 21 | 041 | 09041 | 10 | 14 | 932 | 55713 | 03 | 6 | 03 | 1 |
| 275 | JOHNSON IS | 038 | 27995 | 08 | 15 | 500 | 18993 | 07 | 8 | 038 | 12990 | 35 | 3 | 939 | 59993 | 25 | 14 | 03 | 1 |
| | BLOCK 98 | | | | | | | | | | | | | | | | | | |
| 645 | CEBU | 028 | 29227 | | | 499 | 18133 | | | 034 | 09046 | | | 926 | 54607 | | | 03 | 8 |
| 034 | 0 355 400 | 036 | 23191 | 26 | 9 | 494 | 15052 | 25 | 11 | 027 | 06047 | 28 | 19 | 913 | 56664 | 27 | 21 | 03 | 9 |
| 035 | 0 340 520 | 048 | 25230 | | | 513 | 18147 | | | 052 | 10027 | 34 | 17 | 946 | 54689 | 29 | 22 | 03 | 9 |
| 037 | 0 360 700 | 069 | 24227 | | | 530 | 16101 | | | 064 | 08533 | | | 954 | 55727 | | | 03 | 9 |
| 041 | 0 450 160 | 172 | 13081 | | | 500 | 02502 | | | 076 | 00572 | | | 715 | 63825 | | | 02 | 8 |
| 044 | 0 450 450 | 036 | 13134 | 32 | 14 | 483 | 09076 | 33 | 21 | 002 | 50535 | 33 | 24 | 862 | 65712 | 35 | 36 | 03 | 9 |
| 051 | 0 538 187 | 067 | 53470 | | | 505 | 40320 | 29 | 14 | 019 | 29220 | 30 | 14 | 783 | 03720 | 29 | 19 | 02 | 2 |
| 053 | 0 527 355 | 049 | 12103 | 13 | 16 | 492 | 05037 | 13 | 22 | 008 | 51561 | 14 | 10 | 864 | 65837 | 24 | 21 | 03 | 9 |
| 055 | 0 565 510 | 024 | 07075 | 16 | 16 | 467 | 08001 | 21 | 19 | 983 | 52559 | 22 | 19 | 832 | 69722 | 18 | 35 | 03 | 9 |
| 062 | 0 600 200 | 055 | 47400 | 30 | 6 | 491 | 41310 | 30 | 7 | 003 | 23110 | 29 | 15 | 847 | 96790 | 32 | 21 | 02 | 2 |
| 063 | 0 620 330 | 052 | 07061 | | | 498 | 03024 | | | 000 | 53585 | | | 849 | 69990 | | | 03 | 9 |
| 126 | 1 231 666 | 051 | 23188 | 09 | 15 | 507 | 09058 | 11 | 9 | 027 | 01542 | 11 | 12 | 882 | 64994 | 03 | 24 | 03 | 1 |
| 134 | 1 300 400 | 062 | 18167 | 06 | 16 | 514 | 14038 | 07 | 9 | 045 | 07647 | | | 929 | 58992 | 21 | 7 | 03 | 1 |
| 144 | 1 490 480 | 070 | 12218 | 27 | 37 | 510 | 11101 | 30 | 29 | 048 | 05633 | 30 | 42 | 919 | 60990 | 32 | 45 | 03 | 9 |
| 215 | 2 110 560 | 029 | 27234 | | | 518 | 19150 | | | 030 | 11052 | | | 922 | 54645 | | | 03 | 1 |
| 223 | 2 284 344 | 038 | 25 | | | 497 | 18 | | | 030 | 10*** | | | 228 | 54*** | | | 03 | 1 |
| 235 | 2 390 526 | 039 | 17 | | | 490 | 14 | | | 018 | 06*** | | | 904 | 55*** | | | 03 | 1 |
| 246 | 2 440 650 | 043 | 14138 | 21 | 7 | 406 | 11107 | 20 | 17 | 020 | 04126 | 25 | 15 | 897 | 58622 | 24 | 29 | 03 | 9 |
| 360 | 3 660 020 | 148 | 07043 | 28 | 6 | 480 | 00533 | 30 | 10 | 999 | 58631 | 29 | 10 | 523 | 74774 | 25 | 29 | 03 | 5 |
| | **JULY 19** | | | | | | | | | | | | | | | | | | |
| | BLOCK 01 | | | | | | | | | | | | | | | | | | |
| 001 | JAN MAYEN | 081 | 02013 | | | 400 | 00511 | | | 929 | 61610 | | | 448 | 74802 | | | 03 | 8 |
| 030 | TROMSO | 076 | 06048 | 00 | | 400 | 00531 | 23 | 12 | 921 | 59651 | 22 | 24 | 425 | 77804 | | | 03 | 5 |
| 384 | GARDERMOEN | 097 | 99999 | | | 548 | 06053 | | | 025 | 52535 | | | 611 | 69711 | 21 | 14 | 03 | 5 |
| 415 | SOLA | 105 | 11085 | | | 440 | 06061 | | | 020 | 52557 | | | 604 | 69748 | | | 03 | 8 |
| | BLOCK 02 | | | | | | | | | | | | | | | | | | |
| 057 | LULEA KALLAS | 115 | 10077 | | | 440 | 04514 | | | 001 | 55618 | | | 557 | 71763 | | | 03 | 8 |
| 077 | STOCKHOLM | 121 | 12109 | 15 | 8 | 480 | 07001 | 18 | 6 | 039 | 53599 | 19 | 6 | 619 | 70772 | 20 | 8 | 03 | 5 |
| 084 | GOTEBORG | 079 | 15142 | | | 443 | 07046 | | | 009 | 53532 | | | 592 | 70746 | | | 03 | 8 |
| | BLOCK 03 | | | | | | | | | | | | | | | | | | |
| 005 | LERWICK | 044 | 47430 | | | 476 | 30260 | 32 | 13 | 984 | 23090 | 32 | 10 | 822 | 91730 | 20 | 14 | 02 | 2 |
| 171 | LEUCHARS | 051 | 52480 | | | 488 | 35350 | | | 994 | 21100 | | | 838 | 96770 | | | 02 | 7 |
| 743 | LARKHILL | 061 | 53480 | | | 500 | 63320 | 30 | 13 | 012 | 30080 | 30 | 15 | 863 | 01740 | 30 | 31 | 02 | 2 |
| 917 | ALDERGROVE | 062 | 51470 | 31 | 18 | 499 | 38380 | 31 | 18 | 011 | 29160 | 29 | 21 | 865 | 01830 | 29 | 37 | 02 | 2 |
| 953 | VALENTIA | 071 | 54 0 | 31 | 8 | 511 | 42 0 | | | 026 | 32**0 | | | 886 | 05**0 | | | 03 | 2 |
| | BLOCK 04 | | | | | | | | | | | | | | | | | | |
| 018 | KEFLAVIK | 045 | 07043 | 22 | 7 | 478 | 01533 | 24 | 11 | 985 | 52708 | 27 | 8 | 836 | 67994 | 26 | 14 | 03 | 1 |
| 202 | THULE | 040 | 08004 | 31 | 3 | 484 | 07546 | 01 | 13 | 998 | 53571 | 35 | 15 | 851 | 68796 | 05 | 14 | 03 | 1 |
| 231 | SDR STROMFRD | 026 | 07015 | 04 | 6 | 467 | 07513 | 02 | 9 | 981 | 53626 | 06 | 5 | 823 | 71746 | 15 | 3 | 04 | 1 |
| 270 | NARSSARSSUAK | 022 | 13022 | 07 | 15 | 463 | 04531 | 09 | 19 | 972 | 54559 | 14 | 23 | 812 | 72742 | 12 | 23 | 03 | 1 |
| 339 | SCORESBYSUND | 288 | 04 | 35 | 5 | 470 | 07 | | | 978 | 54*** | 29 | 14 | 832 | 67*** | 30 | 22 | 03 | 5 |
| 360 | ANGMAGSSALIK | 105 | 02010 | 00 | | 446 | 08010 | 27 | 8 | 016 | 52600 | 27 | 7 | 611 | 69770 | 21 | 3 | 03 | 5 |
| | BLOCK 06 | | | | | | | | | | | | | | | | | | |
| 011 | THORSHAVN | 145 | 07068 | | | 464 | 51534 | | | 999 | 57623 | | | 526 | 74773 | | | 03 | 8 |
| 260 | DE BILT | 142 | 12111 | | | 486 | 04033 | | | 049 | 52557 | | | 647 | 67771 | | | 03 | 8 |
| 447 | UCCLE | 165 | 10107 | | | 501 | 04009 | | | 064 | 51553 | | | 654 | 68807 | | | 03 | 8 |
| 610 | PAYERNE | 210 | | | | 565 | 06067 | 27 | 10 | 120 | 54557 | | | 970 | 67743 | | | 05 | 5 |
| | BLOCK 07 | | | | | | | | | | | | | | | | | | |
| 110 | BREST | 213 | 13106 | 31 | 7 | 550 | 02007 | 24 | 23 | 130 | 00553 | 32 | 30 | 758 | 64719 | 31 | 19 | 02 | 5 |
| 145 | TRAPPES | 179 | 14116 | | | 520 | 05022 | | | 080 | 52542 | | | 052 | 70744 | | | 02 | 8 |
| 190 | STRASBOURG | | | | | | | | | | | | | | | | | | |
| 480 | LYON | 177 | | | | 530 | 03031 | | | 064 | 59590 | | | 538 | 72721 | | | 02 | 8 |
| 510 | BORDEAUX | 165 | 12127 | 29 | 6 | 520 | 05042 | 29 | 16 | 090 | 50524 | 30 | 16 | 710 | 63695 | 30 | 40 | 02 | 5 |
| 645 | NIMES | 177 | 18121 | | | 540 | 08030 | | | 111 | 51574 | | | 616 | 66741 | | | 02 | 8 |
| | BLOCK 08 | | | | | | | | | | | | | | | | | | |
| 509 | LAGENS | 055 | 20183 | 19 | 26 | 512 | 13095 | 20 | 34 | 045 | 06003 | 19 | 36 | 928 | 57609 | 20 | 24 | 03 | 1 |
| 521 | FUNCHAL | 186 | 20157 | | | 592 | 20557 | | | 241 | 10511 | | | 941 | 5969* | | | 14 | 8 |
| 536 | PORTELA | 187 | 27110 | | | 595 | 19993 | | | 241 | 11994 | | | 952 | 56717 | | | 14 | 8 |
| | BLOCK 10 | | | | | | | | | | | | | | | | | | |
| 122 | JEVER | 038 | 56520 | | | 480 | 41410 | 29 | 23 | 989 | 27260 | 28 | 15 | 840 | 99920 | 26 | 14 | 08 | 2 |
| 338 | HANNOVER | 039 | 55940 | 27 | 21 | 478 | 41390 | 29 | 26 | 990 | 28200 | 28 | 20 | 841 | 99850 | 23 | 19 | 08 | 2 |
| 384 | TEMPELHOF | 091 | 17132 | 29 | 10 | 465 | 10066 | 24 | 11 | 051 | 00509 | 24 | 16 | 664 | 56801 | 21 | 20 | 03 | 5 |
| 419 | ISERLOHN | | | | | 686 | 42490 | 38 | 22 | 001 | 28350 | 38 | 20 | 856 | 01990 | 25 | 20 | 02 | 2 |
| 633 | WIESBADEN | 151 | 14106 | 27 | 8 | 506 | 06043 | 29 | 28 | 077 | 52571 | 28 | 22 | 675 | 67789 | 26 | 20 | 03 | 5 |
| 866 | MUNCHEN RIEM | 142 | 99999 | 99 | 99 | 501 | 08063 | 30 | 23 | 073 | 52531 | 30 | 23 | 677 | 66704 | 33 | 18 | 03 | 5 |
| | BLOCK 11 | | | | | | | | | | | | | | | | | | |
| 030 | TULLN | 095 | | | | 464 | 09081 | 25 | 15 | 054 | 00501 | 16 | 14 | 682 | 65682 | 21 | 21 | 03 | 5 |
| 567 | PRAHA KBELY | 107 | | | | 490 | 08052 | | | 050 | 51531 | | | 666 | 65672 | | | 05 | 5 |
| | BLOCK 17 | | | | | | | | | | | | | | | | | | |
| 130 | ANKARA | | | | | 505 | 14096 | | | 118 | 06997 | | | 815 | 58997 | | | 02 | 8 |
| | BLOCK 40 | | | | | | | | | | | | | | | | | | |
| 648 | HABBANIYA | 506 | | | | 469 | 82300 | 31 | 12 | 021 | 63910 | 22 | 10 | 928 | 33690 | 11 | 5 | 02 | 2 |
| | BLOCK 42 | | | | | | | | | | | | | | | | | | |
| 182 | NEW DELHI | 502 | | | | 141 | 22150 | | | 306 | 15130 | | | 583 | 00*** | | | 15 | 8 |
| 339 | JOUHPUR | 503 | | | | 142 | 23190 | | | 309 | 13020 | | | 587 | 00520 | | | 15 | 8 |
| 475 | BAMRAULI AL | 501 | | | | 142 | 20 | | | 308 | 12*** | | | 584 | 51*** | | | 15 | 8 |
| 807 | CALCUTTA | 000 | | | | 142 | 19170 | | | 308 | 12080 | | | 583 | 54560 | | | 15 | 8 |
| 909 | VERAVAL | 002 | 27260 | | | 144 | 17160 | | | *** | ***** | | | *** | ***** | | | 14 | 8 |
| | BLOCK 43 | | | | | | | | | | | | | | | | | | |
| 063 | POONA | 005 | | | | 147 | 17140 | | | 311 | 10500 | | | 582 | 56*** | | | 14 | 8 |
| 149 | VIZAGAPATAM | 003 | | | | 146 | 22110 | | | 313 | 16050 | | | 589 | 52*** | | | 14 | 8 |
| 279 | MADRAS | 002 | | | | 146 | 21170 | | | 311 | 10060 | | | 586 | 52540 | | | 15 | 8 |
| 371 | TRIVANDRUM | 006 | 26230 | | | 148 | 19140 | | | *** | ***** | | | *** | ***** | | | 15 | 8 |
| | BLOCK 45 | | | | | | | | | | | | | | | | | | |
| 007 | KAI TAK | 008 | 26240 | | | 150 | 19140 | | | 315 | 11530 | | | 587 | 54**0 | | | 22 | 8 |

# RADIOSONDE AND RAWINSONDE DATA— Continued

| Index No. iii | 300 mb. hhh | TTTTT ddx | dd | ff | 200 mb. hhh | TTTTT ddx | dd | ff | 100 mb. hhh | TTTTT ddx | dd | ff | Hour GG | Code Type |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
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| 250 | 188 | 81912 | 27 | 14 | 086 | 04990 | 29 | 10 | 454 | 24992 | 09 | 18 | 03 | 1 |
| 253 | 187 | 81995 | 03 | 19 | 089 | 01996 | 24 | 5 | 482 | 22998 | 09 | 4 | 03 | 1 |
| 259 | 208 | 82996 | 33 | 25 | | | | | | | | | 03 | 1 |
| 265 | 187 | 82999 | 01 | 21 | 083 | 03992 | 33 | 31 | 477 | 19998 | 36 | 6 | 03 | 1 |
| 270 | 190 | 83932 | | | 084 | 03990 | | | 460 | ***** | | | 03 | 1 |
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| 304 | 176 | 85991 | | | 058 | 08990 | | | 439 | 18990 | 15 | 16 | 03 | 1 |
| 317 | 180 | 83884 | 21 | 10 | 069 | 06992 | 30 | 5 | 459 | 13991 | 17 | 14 | 03 | 1 |
| 327 | 156 | 83873 | 20 | 57 | 044 | 06999 | 23 | 80 | | | | | 03 | 1 |
| 340 | 161 | 84990 | 30 | 30 | 059 | 01995 | 30 | 28 | 460 | ***** | | | 03 | 1 |
| 353 | 175 | 83992 | 34 | 40 | 067 | 03998 | 31 | 25 | 462 | 17993 | 13 | 8 | 03 | 1 |
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| 386 | 187 | 81998 | | | 084 | 03991 | | | | | | | 04 | 1 |
| 394 | 182 | 81996 | 22 | 44 | 086 | 00994 | 24 | 53 | 469 | 23991 | 24 | 48 | 03 | 1 |
| 405 | 181 | 81996 | | | 078 | 04993 | | | 465 | 17992 | | | 03 | 1 |
| 445 | 141 | 86991 | 31 | 16 | 040 | 00990 | 33 | 48 | 458 | 15998 | 26 | 11 | 03 | 1 |
| 451 | 171 | 83871 | | | 063 | 04997 | | | 450 | 16990 | | | 03 | 1 |
| 476 | 179 | 83897 | 27 | 34 | 073 | 02996 | 29 | 39 | 466 | 18994 | 28 | 53 | 03 | 1 |
| 486 | 178 | 84897 | | | 077 | 01997 | | | | | | | 03 | 1 |
| 493 | 166 | 82996 | 23 | 36 | 066 | 00998 | 23 | 63 | | | | | 03 | 1 |
| 506 | 196 | 81903 | 24 | 23 | 096 | 03990 | | | | | | | 03 | 1 |
| 518 | 148 | 84892 | | | 033 | 07997 | | | 402 | 16992 | | | 03 | 1 |
| 520 | 166 | 83874 | | | | | | | | | | | 03 | 1 |
| 528 | 153 | 83875 | | | 038 | 07997 | | | | | | | 03 | 1 |
| 534 | 123 | 89995 | | | 000 | 03992 | | | | | | | 03 | 1 |
| 536 | 101 | 50 | | | | | | | | | | | 03 | 1 |
| 553 | 141 | 83998 | | | 039 | 01990 | | | 457 | 15995 | | | 03 | 1 |
| 562 | 152 | 93994 | | | 046 | 04990 | | | | | | | 03 | 1 |
| 576 | 146 | 84995 | | | 034 | 03992 | | | | | | | 03 | 1 |
| 597 | 106 | | | | | | | | | | | | 03 | 1 |
| 600 | 167 | 83894 | | | 059 | 04998 | | | | | | | 03 | 1 |
| 606 | 174 | 84902 | | | 058 | 07994 | | | 443 | 15991 | | | 03 | 1 |
| 655 | 101 | 50 | | | | | | | | | | | 04 | 1 |
| 662 | 115 | 87993 | | | 012 | 00997 | | | | | | | 03 | 1 |
| 681 | 127 | 86990 | | | 015 | 02997 | | | 428 | ***** | | | 03 | 1 |
| 712 | 147 | 84993 | 28 | 65 | 035 | 06997 | 27 | 93 | | | | | 03 | 1 |
| 734 | 124 | 87994 | | | 006 | 04993 | | | | | | | 03 | 1 |
| 747 | 089 | 88921 | 23 | 51 | 961 | 09995 | 25 | 72 | | | | | 03 | 1 |
| 764 | 073 | 91990 | 28 | 30 | 957 | 96999 | 27 | 41 | 423 | 06990 | 28 | 28 | 03 | 1 |
| 768 | 074 | 88990 | | | 960 | 96996 | | | 430 | 09996 | | | 03 | 1 |
| 775 | 090 | 90996 | | | 968 | 02999 | | | 407 | ***** | | | 03 | 1 |
| 785 | 112 | 89999 | 24 | 28 | 989 | 00997 | | | | | | | 03 | 1 |
| 798 | 045 | 93994 | | | 924 | 97990 | | | | | | | 03 | 1 |
| 807 | 101 | 40 | | | | | | | | | | | 04 | 1 |
| 815 | 111 | 88998 | 00 | | | | | | | | | | 03 | 1 |
| 816 | 009 | 93996 | | | | | | | | | | | 03 | 1 |
| 826 | 049 | 87997 | | | 947 | | | | | | | | 03 | 1 |
| 836 | | | | | | | | | | | | | | |
| 867 | 029 | 88999 | | | 928 | 92997 | | | 441 | 01990 | | | 03 | 1 |
| 879 | 086 | 89991 | 27 | 10 | 962 | 06994 | 27 | 18 | 435 | 00997 | 27 | 12 | 03 | 1 |
| 896 | 071 | 92992 | 17 | 30 | 936 | 03990 | 19 | 25 | 426 | 00991 | 18 | 6 | 03 | 1 |
| 906 | 922 | 88998 | | | | | | | | | | | 03 | 1 |
| 907 | 977 | 88994 | | | 876 | 92991 | | | 401 | 95990 | | | 03 | 1 |
| 913 | 028 | 90999 | 25 | 38 | | | | | | | | | 03 | 1 |
| 915 | 933 | 97995 | | | | | | | | | | | 03 | 1 |
| 917 | 046 | 94999 | 31 | 33 | 912 | 98991 | | | | | | | 03 | 1 |
| 918 | 022 | 00990 | | | 871 | 00999 | | | 378 | 94997 | | | 03 | 1 |
| 924 | 036 | 96999 | 35 | 18 | 895 | 98999 | 04 | 14 | 404 | ***** | 09 | 7 | 03 | 1 |
| 926 | 101 | 59 | | | | | | | | | | | 03 | 1 |
| 934 | 060 | 93991 | | | 924 | 03991 | | | 463 | 97999 | | | 03 | 1 |
| 938 | 035 | 93995 | | | 917 | 94990 | | | | | | | 02 | 1 |
| 945 | 078 | 99999 | | | 950 | | | | | | | | 03 | 1 |
| 964 | 059 | 93999 | 12 | 30 | 944 | 93995 | 15 | 5 | | | | | 03 | 1 |
| 968 | 055 | 86998 | | | 955 | 93990 | | | 495 | 91994 | | | 03 | 1 |
| 74 | | | | | | | | | | | | | | |
| 043 | 060 | 93994 | | | 924 | 01992 | | | 428 | 95996 | | | 03 | 1 |
| 072 | | | | | | | | | | | | | 03 | 1 |
| 074 | 088 | 94991 | | | 918 | 02990 | | | 428 | 93996 | | | 03 | 1 |
| 090 | 020 | 98994 | 16 | 7 | 872 | 98995 | 13 | 12 | 389 | 94993 | | | 03 | 1 |
| 109 | 026 | 95993 | | | 922 | 91997 | | | 450 | 95992 | | | 03 | 1 |
| 188 | 075 | 89992 | | | 945 | 09998 | | | | | | | 03 | 1 |
| 76 | | | | | | | | | | | | | | |
| 458 | 188 | 83831 | | | 970 | 06998 | | | 415 | ***** | | | 02 | 1 |
| 491 | 291 | 79841 | | | 099 | 02990 | | | | | | | 02 | 1 |
| 644 | 162 | 84933 | | | | | | | | | | | 03 | 1 |
| 679 | 182 | 80876 | | | 079 | 04992 | | | | | | | 03 | 1 |
| 78 | | | | | | | | | | | | | | |
| 016 | 178 | 84998 | 11 | 15 | 062 | 06994 | | | | | | | 03 | 1 |
| 325 | 186 | 82885 | 06 | 11 | 080 | 05997 | 04 | 35 | | | | | 03 | 1 |
| 355 | 177 | 84883 | | | 065 | 06990 | | | 439 | 23994 | | | 03 | 1 |
| 367 | 168 | 87997 | | | 054 | 03997 | | | | | | | 03 | 1 |
| 395 | 152 | 87995 | 09 | 11 | 030 | 07998 | 02 | 13 | | | | | 03 | 1 |
| 501 | 180 | 82938 | | | 072 | 04997 | | | 444 | 24990 | | | 03 | 1 |
| 525 | 101 | 43 | | | | | | | | | | | 03 | 1 |
| 806 | 141 | 84885 | 09 | 19 | 019 | 14991 | 11 | 5 | | | | | 03 | 1 |
| 862 | 101 | 50 | | | | | | | | | | | 03 | 1 |
| 967 | | | | | | | | | | | | | | |
| 972 | 172 | 82859 | 10 | 16 | 064 | 04997 | 10 | 19 | | | | | 03 | 1 |
| 80 | | | | | | | | | | | | | | |
| 050 | 101 | 42 | | | | | | | | | | | 03 | 1 |
| 91 | | | | | | | | | | | | | | |
| 115 | 164 | 87990 | | | | | | | | | | | 03 | 1 |
| 182 | 163 | 86957 | 26 | 30 | 046 | 06991 | 27 | 30 | 446 | 18994 | 18 | 16 | 03 | 1 |
| 215 | 176 | 81861 | | | 074 | 03997 | 18 | 5 | 440 | ***** | | | 03 | 1 |
| 245 | | | | | | | | | | | | | | |
| 275 | 209 | 79990 | 29 | 26 | 120 | 97993 | 26 | 41 | 550 | 15990 | | | 03 | 1 |
| 98 | | | | | | | | | | | | | | |
| 645 | 185 | 80994 | | | 090 | 02997 | | | 463 | 25997 | | | 03 | 8 |
| QLL | | OCEAN STA | | | | | | | | | | | | |
| 034 | 160 | 83852 | 30 | 30 | 050 | 06994 | 28 | 44 | 428 | 18998 | 33 | 24 | 03 | 9 |
| 035 | 202 | 88961 | 33 | 19 | 096 | 05990 | 32 | 33 | 468 | 22996 | | | 03 | 9 |
| 037 | 194 | 85993 | | | 076 | 07996 | | | | | | | 03 | 9 |
| 041 | 939 | 93 0 | | | 203 | 09 0 | | | 643 | 06**4 | | | 02 | 8 |
| 044 | 101 | 50 | | | | | | | | | | | 03 | 9 |
| 051 | 068 | 55 0 | 28 | 23 | | | | | | | | | 02 | 2 |
| 053 | 056 | 94992 | 31 | 43 | 914 | 04999 | 35 | 68 | 388 | 00995 | | | 03 | 9 |
| 055 | 020 | 95996 | | | 876 | 01995 | | | 368 | ***** | | | 03 | 9 |
| 062 | 101 | 43 | | | | | | | | | | | 02 | 2 |
| 063 | 026 | 97990 | | | 874 | 04990 | | | 356 | 98996 | | | 03 | 9 |
| 126 | 093 | 89998 | | | 968 | 06996 | | | | | | | 03 | 1 |
| 134 | 161 | 85993 | 22 | 32 | 053 | 04990 | 23 | 24 | 438 | 20999 | | | 03 | 1 |
| 144 | 151 | 87992 | | | 027 | 09993 | | | 436 | 07893 | | | 03 | 9 |
| 215 | 101 | 43 | | | | | | | | | | | 03 | 1 |
| 223 | 192 | 73 | | | 129 | 90 | | | | | | | 03 | 1 |
| 235 | 170 | 67 | | | 086 | 98 | | | | | | | 03 | 1 |
| 246 | 101 | 43 | | | | | | | | | | | 03 | 9 |
| 360 | 903 | 01990 | 25 | 59 | 166 | 98990 | 26 | 20 | | | | | 03 | 5 |
| 01 | | | | | | | | | | | | | | |
| 001 | 899 | 98990 | | | 167 | 93990 | | | | | | | 03 | 8 |
| 030 | 894 | 98 6 | | | 164 | 92 5 | | | | | | | 03 | 5 |
| 384 | 919 | 99034 | 21 | 15 | 179 | 97997 | 23 | 15 | | | | | 03 | 5 |
| 415 | 916 | 00990 | | | 999 | 99999 | | | | | | | 03 | 8 |
| 02 | | | | | | | | | | | | | | |
| 057 | 915 | 96994 | | | 178 | 96991 | | | | | | | 03 | 8 |
| 077 | 918 | 98998 | 20 | 10 | 185 | 94992 | 25 | 19 | 649 | 90995 | 26 | 10 | 03 | 5 |
| 084 | 914 | 00993 | | | 177 | 98990 | | | | | | | 03 | 8 |
| 03 | | | | | | | | | | | | | | |
| 005 | 989 | 47 0 | 18 | 27 | 863 | 51 | 24 | 11 | 374 | 48**0 | 25 | 11 | 02 | 2 |
| 171 | 008 | 49 0 | | | 890 | 52 0 | | | 406 | 48**0 | | | 02 | 7 |
| 743 | 050 | 51 0 | 29 | 37 | 915 | 50 0 | 30 | 39 | 403 | 43**0 | 27 | 18 | 02 | 2 |
| 917 | 056 | 54 0 | 29 | 21 | 929 | 42 0 | 30 | 27 | | | | | 02 | 2 |
| 953 | 090 | 60 0 | | | 957 | 25 0 | | | 401 | 34**0 | | | 03 | 2 |
| 04 | | | | | | | | | | | | | | |
| 018 | 019 | 94997 | | | 872 | 04999 | | | | | | | 03 | 1 |
| 202 | | | | | | | | | | | | | | |
| 231 | 027 | 96997 | 17 | 17 | 860 | 98992 | 12 | 4 | | | | | 04 | 1 |
| 270 | 983 | 98992 | 11 | 32 | | | | | | | | | 03 | 1 |
| 339 | 022 | 93 | 30 | 35 | 907 | 93 | 30 | 27 | | | | | 03 | 5 |
| 360 | 921 | 97999 | 22 | 4 | 182 | 00999 | 23 | 4 | | | | | 03 | 5 |
| 06 | | | | | | | | | | | | | | |
| 011 | 903 | 01994 | | | 169 | 96999 | | | 625 | 98990 | | | 03 | 8 |
| 260 | 931 | 91 | | | 201 | 97 | | | 666 | 95*** | | | 03 | 8 |
| 447 | 278 | 94 4 | | | 944 | 96 2 | | | 546 | 96**7 | | | 03 | 8 |
| 610 | 350 | 92 7 | | | 050 | 92 4 | | | | | | | 05 | 5 |
| 07 | | | | | | | | | | | | | | |
| 110 | 942 | 92 0 | 31 | 31 | 206 | 08 1 | 32 | 39 | | | | | 02 | 5 |
| 145 | 925 | 95 4 | | | 189 | 00 1 | | | 642 | 01**4 | | | 02 | 8 |
| 190 | 101 | 43 | | | | | | | | | | | 02 | 8 |
| 480 | 947 | 95 4 | | | 182 | 02 4 | | | | | | | 02 | 8 |
| 510 | 938 | 90 4 | 29 | 56 | 204 | 05 0 | 28 | 50 | | | | | 02 | 5 |
| 645 | 927 | 93 7 | | | 192 | 03 4 | | | 637 | 06**4 | | | 02 | 8 |
| 08 | | | | | | | | | | | | | | |
| 509 | 101 | 50 | | | | | | | | | | | 03 | 1 |
| 521 | 971 | 83957 | | | 243 | 01998 | | | 669 | 17992 | | | 14 | 8 |
| 536 | 970 | 86992 | | | 239 | 03996 | | | | | | | 14 | 8 |
| 10 | | | | | | | | | | | | | | |
| 122 | 025 | 52 6 | | | | 53 0 | 26 | 16 | 445 | 55**0 | 23 | 9 | 08 | 2 |
| 338 | 088 | 58 0 | 21 | 36 | 909 | 50 0 | 23 | 18 | 428 | 52**0 | 22 | 15 | 08 | 2 |
| 384 | 932 | 91995 | 27 | 52 | 198 | 98999 | | | 655 | 96996 | | | 03 | 5 |
| 419 | 851 | 52 0 | 25 | 24 | | | | | | | | | 02 | 2 |
| 633 | 930 | 94998 | | | 197 | 96996 | | | | | | | 03 | 5 |
| 866 | 933 | 93991 | 18 | 25 | 198 | 96990 | 24 | 28 | | | | | 03 | 5 |
| 11 | | | | | | | | | | | | | | |
| 030 | 933 | 93 5 | 16 | 17 | 110 | 99 0 | 22 | 43 | | | | | 03 | 5 |
| 567 | 934 | 91991 | | | | | | | | | | | 05 | 5 |
| 17 | | | | | | | | | | | | | | |
| 130 | 101 | 43 | | | | | | | | | | | 02 | 8 |
| 40 | | | | | | | | | | | | | | |
| 648 | 206 | 89470 | 07 | 2 | 148 | 60400 | 05 | 7 | 623 | 22**0 | | | 02 | 2 |
| 42 | | | | | | | | | | | | | | |
| 182 | 978 | 72 | | | 265 | 91 | | | 714 | 13*** | | | 15 | 8 |
| 339 | 979 | 72 | | | 254 | 95 | | | | | | | 15 | 8 |
| 475 | 101 | 43 | | | | | | | | | | | 15 | 8 |
| 807 | 972 | 75 | | | 256 | 91 | | | | | | | 15 | 8 |
| 909 | 101 | 50 | | | | | | | | | | | 14 | 8 |
| 43 | | | | | | | | | | | | | | |
| 063 | 962 | 82 | | | | | | | | | | | 14 | 8 |
| 149 | 978 | 76 | | | | | | | | | | | 14 | 8 |
| 279 | 971 | 79 | | | 251 | 96 | | | | | | | 15 | 8 |
| 371 | 101 | 50 | | | | | | | | | | | 15 | 8 |
| 45 | | | | | | | | | | | | | | |
| 007 | 101 | 50 | | | | | | | | | | | 22 | 8 |

# RADIOSONDE AND RAWINSONDE DATA
## SIGNIFICANT LEVELS

| Index No. iii | 1st. 5th. etc. Level PPP | TTTTT ddx | 2nd. 6th. etc. Level PPP | TTTTT ddx | 3rd. 7th. etc. Level PPP | TTTTT ddx | 4th. 8th. etc. Level PPP | TTTTT ddx | Hour GG | Code Type |
|---|---|---|---|---|---|---|---|---|---|---|
| 240 | 011 | 25223 | 987 | 25215 | 815 | 17010 | 801 | 17534 | 03 | 1 |
| 250 | 010 | 27245 | 957 | 25221 | 810 | 18076 | 618 | 05563 | 03 | 1 |
| 253 | 982 | 26815 | 965 | 27225 | 915 | 24212 | 703 | 12590 | 03 | 1 |
| 259 | 988 | 29174 | 960 | 30164 | 828 | 20995 | 714 | 11990 | 03 | 1 |
| 265 | 928 | 30105 | 896 | 30104 | 599 | 04582 | 561 | 50557 | 03 | 1 |
| 270 | 876 | 31147 | 863 | 34046 | 564 | 00534 | 486 | 56706 | 03 | 1 |
| 278 | 963 | 38151 | 956 | 39154 | 562 | 00554 | 400 | 65816 | 03 | 1 |
| 304 | 020 | 26244 | 770 | 11042 | 525 | 56614 | 445 | 62756 | 03 | 1 |
| 317 | 986 | 21206 | 965 | 22207 | 433 | 64701 | 414 | 65773 | 03 | 1 |
| 327 | 992 | 23219 | 614 | 01523 | 578 | 51606 | 546 | 53601 | 03 | 1 |
| 340 | 001 | 27233 | 796 | 14079 | 772 | 13092 | 676 | 08602 | 03 | 1 |
| 353 | 962 | 29189 | 948 | 30184 | 719 | 14078 | 451 | 60759 | 03 | 1 |
| 365 | 834 | 30087 | 810 | 30051 | 436 | 63656 | 428 | 63681 | 03 | 1 |
| 386 | 927 | 38013 | 909 | 39057 | 565 | 01572 | 518 | 54648 | 04 | 1 |
| 394 | 001 | 14129 | 967 | 12118 | 952 | 14121 | 940 | 25022 | 03 | 1 |
| 405 | 012 | 26224 | 837 | 15139 | 740 | 11080 | 538 | 53573 | 03 | 1 |
| 445 | 981 | 23201 | 961 | 25201 | 754 | 12005 | 721 | 10647 | 03 | 1 |
| 451 | 917 | 28183 | 909 | 31180 | 583 | 01553 | 560 | 00693 | 03 | 1 |
| 476 | 849 | 28074 | 828 | 29066 | 433 | 63656 | 400 | 68706 | 03 | 1 |
| 486 | 807 | 26073 | 797 | 28003 | 400 | 68728 | 363 | 73794 | 03 | 1 |
| 493 | 008 | 15112 | 971 | 12095 | 953 | 15099 | 940 | 20015 | 03 | 1 |
| 506 | 016 | 19199 | 785 | 14076 | 727 | 10074 | 708 | 11092 | 03 | 1 |
| 518 | 005 | 22201 | 800 | 10101 | 400 | 70720 | 350 | 76781 | 03 | 1 |
| 520 | 969 | 21214 | 942 | 21198 | 400 | 68712 | 292 | 84889 | 03 | 1 |
| 528 | 988 | 21179 | 938 | 18157 | 916 | 18149 | 400 | 67718 | 03 | 1 |
| 534 | 990 | 22165 | 978 | 25151 | 940 | 24096 | 775 | 09043 | 03 | 1 |
| 536 | 990 | 22183 | 972 | 22164 | 762 | 10021 | 612 | 50529 | 03 | 1 |
| 553 | 969 | 26194 | 735 | 13099 | 655 | 08602 | 626 | 04578 | 03 | 1 |
| 562 | 909 | 24163 | 900 | 30134 | 818 | 22073 | 767 | 20541 | 03 | 1 |
| 576 | 826 | 22515 | 822 | 25507 | 646 | 07646 | 400 | 71990 | 03 | 1 |
| 597 | 960 | 27018 | 789 | 14528 | 761 | 13617 | 735 | 10509 | 03 | 1 |
| 600 | 020 | 14133 | 987 | 15151 | 942 | 19059 | 882 | 27113 | 03 | 1 |
| 606 | 015 | 18188 | 975 | 18152 | 960 | 20166 | 934 | 20105 | 03 | 1 |
| 655 | 969 | 19171 | 951 | 19153 | 937 | 23133 | 632 | 00513 | 04 | 1 |
| 662 | 895 | 23054 | 893 | 27057 | 891 | 28031 | 605 | 01649 | 03 | 1 |
| 681 | 911 | 25064 | 868 | 23567 | 400 | 72997 | 117 | 14998 | 03 | 1 |
| 712 | 993 | 19197 | 967 | 20181 | 953 | 21169 | 753 | 08027 | 03 | 1 |
| 734 | 986 | 19142 | 940 | 23084 | 753 | 08052 | 616 | 51557 | 03 | 1 |
| 747 | 960 | 21180 | 934 | 21166 | 665 | 02028 | 514 | 61657 | 03 | 1 |
| 764 | 944 | 21084 | 925 | 25031 | 583 | 55729 | 400 | 73996 | 03 | 1 |
| 768 | 932 | 17106 | 686 | 00523 | 542 | 58642 | 400 | 75783 | 03 | 1 |
| 775 | 886 | 18065 | 615 | 55582 | 588 | 57592 | 562 | 56624 | 03 | 1 |
| 785 | 930 | 23029 | 758 | 07544 | 667 | 03580 | 400 | 73888 | 03 | 1 |
| 798 | 011 | 11101 | 894 | 09526 | 796 | 05026 | 400 | 78837 | 03 | 1 |
| 807 | | | | | | | | | | |
| 815 | 014 | 14105 | 940 | 18133 | 766 | 06030 | 572 | 53690 | 03 | 1 |
| 816 | 001 | 15119 | 745 | 00504 | 586 | 62751 | 450 | 75992 | 03 | 1 |
| 826 | 949 | 09035 | 767 | 52651 | 569 | 60733 | 535 | 61742 | 03 | 1 |
| 836 | 014 | 11087 | 984 | 10052 | 970 | 11035 | 908 | 16122 | 03 | 1 |
| 867 | 968 | 12102 | 938 | 09063 | 892 | 08071 | 608 | 58603 | 03 | 1 |
| 879 | 935 | 14106 | 781 | 04026 | 766 | 04017 | 655 | *0635 | 03 | 1 |
| 896 | 928 | 14066 | 740 | 51523 | 724 | 01526 | 673 | 51614 | 03 | 1 |
| 906 | 000 | 07012 | 782 | 56607 | 592 | 70821 | 540 | 74995 | 03 | 1 |
| 907 | 008 | 03016 | 979 | 01006 | 935 | 02022 | 760 | 53572 | 03 | 1 |
| 913 | 013 | 08041 | 967 | 06013 | 895 | 01519 | 868 | 01578 | 03 | 1 |
| 915 | 009 | 09051 | 978 | 04021 | 830 | 54555 | 762 | 56582 | 03 | 1 |
| 917 | 024 | 08502 | 990 | 08525 | 896 | 02525 | 870 | 01557 | 03 | 1 |
| 918 | 030 | 02046 | 959 | 10055 | 645 | 56704 | 607 | 60675 | 03 | 1 |
| 924 | 022 | 11052 | 739 | 52620 | 639 | 57725 | 592 | 60677 | 03 | 1 |
| 926 | | | | | | | | | | |
| 934 | 999 | 13091 | 923 | 08067 | 821 | 03021 | 791 | 03016 | 03 | 1 |
| 938 | 019 | 04084 | 965 | 10066 | 776 | 50536 | 768 | 50544 | 02 | 1 |
| 945 | 972 | 19103 | 904 | 13041 | 808 | 05996 | | | 03 | 1 |
| 964 | 933 | 14111 | 400 | 78837 | 255 | 98998 | 175 | 91999 | 03 | 1 |
| 968 | 020 | 09042 | 897 | 50521 | 881 | 00521 | 836 | 50532 | 03 | 1 |
| 74 | | | | | | | | | | |
| 043 | 009 | 19071 | 990 | 15059 | 824 | 02009 | 782 | 03*** | 03 | 1 |
| 072 | 024 | 06041 | 950 | 07028 | 860 | 02593 | 838 | 03630 | 03 | 1 |
| 074 | 025 | 04029 | 926 | 04021 | 880 | 03526 | 828 | 03675 | 03 | 1 |
| 090 | 019 | 04025 | 968 | 02011 | 947 | 03021 | 900 | 01006 | 03 | 1 |
| 109 | 013 | 13117 | 830 | 03003 | 815 | 03005 | 751 | 51531 | 03 | 1 |
| 188 | 009 | 11093 | 962 | 18165 | 810 | 07553 | 782 | 08625 | 03 | 1 |
| 76 | | | | | | | | | | |
| 458 | 011 | 27222 | 602 | 01506 | 400 | 66706 | 328 | 77885 | 02 | 1 |
| 491 | 971 | 28214 | 800 | 12 5 | 880 | 23155 | 807 | 18**2 | 02 | 1 |
| 644 | 010 | 28237 | 612 | 02591 | 552 | 53612 | 433 | 65702 | 03 | 1 |
| 679 | 774 | 15128 | 726 | 12007 | 528 | 54550 | 456 | 60633 | 03 | 1 |
| 78 | | | | | | | | | | |
| 016 | 024 | 25203 | 920 | 16134 | 893 | 16130 | 810 | 08530 | 03 | 1 |
| 325 | 012 | 23229 | 984 | 25211 | 894 | 21131 | 400 | 66715 | 03 | 1 |
| 355 | 003 | 22210 | 976 | 25211 | 729 | 10031 | 669 | 06504 | 03 | 1 |
| 367 | 014 | 27238 | 918 | 21188 | 892 | 21149 | 827 | 15137 | 03 | 1 |
| 395 | 011 | 26238 | 608 | 50651 | 557 | 52673 | 448 | 64711 | 03 | 1 |
| 501 | 018 | 26238 | 768 | 13095 | 755 | 13013 | 730 | 12054 | 03 | 1 |
| 525 | 016 | 26239 | 798 | 13121 | 794 | 11107 | 778 | 14051 | 03 | 1 |
| 806 | 010 | 23223 | 586 | 53543 | 550 | 54576 | 480 | 59626 | 03 | 1 |
| 862 | 015 | 26237 | 936 | 25225 | 815 | 21164 | 785 | 19072 | 03 | 1 |
| 967 | 014 | 23228 | 829 | 16135 | 640 | 04003 | 101 | 42*** | 03 | 1 |
| 972 | 009 | 23234 | 823 | 15107 | 400 | 65728 | 266 | 70913 | 03 | 1 |
| 80 | | | | | | | | | | |
| 050 | | | | | | | | | | |
| 91 | | | | | | | | | | |
| 115 | 003 | 29255 | | | | | | | 03 | 1 |
| 182 | 015 | 27181 | 884 | 15107 | 841 | 14023 | 820 | 14533 | 03 | 1 |
| 215 | 003 | 30231 | 922 | 22182 | 802 | 17112 | 400 | 65697 | 03 | 1 |
| 245 | 013 | 30233 | 923 | 21176 | 768 | 12083 | 739 | 11039 | 03 | 1 |
| 275 | 013 | 23221 | 920 | 28999 | 884 | 20993 | 800 | 15993 | 03 | 1 |
| 98 | | | | | | | | | | |
| 645 | 005 | 30223 | 929 | 22185 | 795 | 13108 | 771 | 13095 | 03 | 8 |
| QLL | | OCEAN | STA | | | | | | | |
| 034 | 012 | 24193 | 888 | 14122 | 832 | 15023 | 650 | 05015 | 03 | 9 |
| 035 | 016 | 25244 | 903 | 19177 | 884 | 20177 | 553 | 51593 | 03 | 9 |
| 037 | 023 | 26236 | 490 | 56747 | 400 | 68993 | 276 | 90990 | 03 | 9 |
| 041 | 024 | 17121 | 024 | 17121 | 995 | 12071 | 925 | 07031 | 02 | 8 |
| 044 | 012 | 13138 | 902 | 10107 | 888 | 12110 | 608 | 56583 | 03 | 9 |
| 051 | 025 | 55510 | | | | | | | 02 | 2 |
| 053 | 017 | 11109 | 988 | 12106 | 842 | 04027 | 813 | 05025 | 03 | 9 |
| 055 | 008 | 07075 | 978 | 06069 | 949 | 09097 | 910 | 12042 | 03 | 9 |
| 062 | 021 | 50430 | | | | | | | 02 | 2 |
| 063 | 019 | 07077 | 968 | 05045 | 925 | 06556 | 586 | 60797 | 03 | 9 |
| 126 | 017 | 25204 | 779 | 06574 | 684 | 00534 | 600 | 56653 | 03 | 1 |
| 134 | 021 | 20171 | 904 | 12091 | 877 | 12088 | 860 | 14013 | 03 | 1 |
| 144 | 024 | 13134 | 004 | 11107 | 985 | 16153 | 805 | 09081 | 03 | 9 |
| 215 | 010 | 27247 | 750 | 12085 | 722 | 12070 | 608 | 03525 | 03 | 1 |
| 223 | 013 | 26 | 893 | 20 | 784 | 14*** | 672 | 08*** | 03 | 1 |
| 235 | 014 | 20 | 976 | 14 | 941 | 17*** | 550 | 50*** | 03 | 1 |
| 246 | 015 | 14226 | 928 | 15146 | 620 | 00550 | 458 | 61652 | 03 | 9 |
| 360 | 018 | 08056 | 910 | 50517 | 873 | 00007 | 832 | 50567 | 03 | 5 |
| 01 | | | | | | | | | | |
| 001 | 010 | 03022 | 990 | 00009 | 964 | 06023 | 910 | 02537 | 03 | 8 |
| 030 | 008 | 06049 | 949 | 06004 | 789 | 54569 | 762 | 55616 | 03 | 5 |
| 384 | 988 | 10091 | 950 | 12105 | 930 | 10095 | 894 | 09085 | 03 | 5 |
| 415 | 010 | 12091 | 923 | 07064 | 771 | 03011 | 615 | 60605 | 03 | 8 |
| 02 | | | | | | | | | | |
| 057 | 014 | 11087 | 983 | 09056 | 938 | 09044 | 880 | 05502 | 03 | 8 |
| 077 | 012 | 12103 | 978 | 14072 | 713 | 54592 | 683 | 53595 | 03 | 5 |
| 084 | 009 | 15149 | 975 | 14136 | 965 | 15115 | 841 | 06047 | 03 | 8 |
| 03 | | | | | | | | | | |
| 005 | 006 | 47430 | 995 | 47430 | 835 | 28230 | 787 | 33160 | 02 | 2 |
| 171 | 018 | 50480 | | | | | | | 02 | 7 |
| 743 | 007 | 53480 | 984 | 53470 | 780 | 36190 | 759 | 36030 | 02 | 2 |
| 917 | 014 | 52480 | 815 | 33300 | 782 | 35280 | 265 | 41**0 | 02 | 2 |
| 953 | 025 | 56 0 | 873 | 40 0 | 842 | 42**0 | 754 | 32**0 | 03 | 2 |
| 04 | | | | | | | | | | |
| 018 | 011 | 07059 | 899 | 00009 | 885 | 02018 | 789 | 51671 | 03 | 1 |
| 202 | 010 | 08051 | 005 | 07004 | 983 | 12019 | 812 | 05557 | 03 | 1 |
| 231 | 004 | 07012 | 924 | 11001 | 871 | 09531 | 787 | 02004 | 04 | 1 |
| 270 | 007 | 13025 | 792 | 01523 | 730 | 54567 | 694 | 54558 | 03 | 1 |
| 339 | 010 | 02 | 950 | 12 | 810 | 55*** | 683 | 53*** | 03 | 5 |
| 360 | 007 | 01 | 990 | 02010 | 967 | 08060 | 912 | 10040 | 03 | 5 |
| 06 | | | | | | | | | | |
| 011 | 015 | 08069 | 835 | 52541 | 805 | 51566 | 755 | 53611 | 03 | 8 |
| 260 | 017 | 12119 | 977 | 11103 | 822 | 02027 | 798 | 02027 | 03 | 8 |
| 447 | 007 | 10108 | 982 | 10097 | 772 | 00538 | 148 | 00529 | 03 | 8 |
| 610 | 964 | 14135 | 887 | 11089 | 804 | 02028 | 730 | 51527 | 05 | 5 |
| 07 | | | | | | | | | | |
| 110 | 101 | 12108 | 995 | 13117 | 975 | 12099 | 908 | 07034 | 02 | 5 |
| 145 | 001 | 14116 | 970 | 11107 | 894 | 06059 | 862 | 05045 | 02 | 8 |
| 190 | | | | | | | | | | |
| 480 | 998 | 17142 | 885 | 01015 | 850 | 03034 | 716 | 55559 | 02 | 8 |
| 510 | 014 | 12166 | 975 | 13124 | 955 | 11104 | 830 | 03038 | 02 | 5 |
| 645 | 044 | 18121 | 995 | 18121 | 895 | 11053 | 867 | 08058 | 02 | 8 |
| 08 | | | | | | | | | | |
| 509 | 007 | 20186 | 948 | 18171 | 926 | 18162 | 823 | 14054 | 03 | 1 |
| 521 | 015 | 24194 | 966 | 18157 | 940 | 22064 | 918 | 21094 | 14 | 8 |
| 536 | 012 | 30141 | 905 | 19093 | 883 | 19558 | 786 | 18990 | 14 | 8 |
| 10 | | | | | | | | | | |
| 122 | 013 | 56520 | 871 | 40400 | 833 | 42420 | 678 | 26220 | 08 | 2 |
| 338 | 008 | 56540 | 941 | 48480 | 712 | 28220 | 695 | 28220 | 08 | 2 |
| 384 | 005 | 17132 | 985 | 16133 | 892 | 13063 | 744 | 02016 | 03 | 5 |
| 419 | 986 | 56530 | | | | | | | 02 | 2 |
| 633 | 002 | 12117 | 918 | 08078 | 866 | 07051 | 798 | 02009 | 03 | 5 |
| 866 | 956 | 12111 | 852 | 08021 | 720 | 02003 | 472 | 69721 | 03 | 5 |
| 11 | | | | | | | | | | |
| 030 | 991 | 16158 | 907 | 11111 | 638 | 53535 | 400 | 76835 | 03 | 5 |
| 567 | 979 | 15133 | 553 | 60611 | 355 | 80997 | 230 | 06995 | 05 | 5 |
| 17 | | | | | | | | | | |
| 130 | 913 | 17135 | 877 | 16120 | 799 | 10074 | 747 | 08059 | 02 | 8 |
| 40 | | | | | | | | | | |
| 648 | 993 | 79490 | 934 | 93410 | 816 | 76250 | 760 | 74080 | 02 | 2 |
| 42 | | | | | | | | | | |
| 182 | 973 | 26240 | 867 | 24160 | 672 | 13110 | 548 | 06020 | 15 | 8 |
| 339 | 973 | 31230 | 956 | 31210 | 715 | 13020 | 660 | 12010 | 15 | 8 |
| 475 | 938 | 26250 | 955 | 25250 | 379 | 64*** | 329 | 67*** | 15 | 8 |
| 807 | 999 | 28260 | 880 | 20200 | 814 | 19150 | 545 | 50520 | 15 | 8 |
| 909 | 001 | 27260 | 878 | 10180 | 800 | 16*** | | | 14 | 8 |
| 43 | | | | | | | | | | |
| 063 | 944 | 25200 | 830 | 15140 | 725 | 10060 | 664 | 06540 | 14 | 8 |
| 149 | 998 | 25240 | 958 | 24220 | 640 | 07010 | 525 | 50530 | 14 | 8 |
| 279 | 004 | 29240 | 969 | 25200 | 378 | 65*** | | | 14 | 8 |
| 371 | 000 | 26230 | 987 | 24210 | 917 | 22200 | 783 | 15120 | 15 | 8 |
| 45 | | | | | | | | | | |
| 007 | 009 | 26240 | 950 | 24230 | 900 | 22190 | 800 | 17090 | 22 | 8 |

# RADIOSONDE AND RAWINSONDE DATA
## SIGNIFICANT LEVELS

| Index No. iii | 1st. 5th. etc. Level PPP | TTTTT ddx | 2nd. 6th. etc. Level PPP | TTTTT ddx | 3rd. 7th. etc. Level PPP | TTTTT ddx | 4th. 8th. etc. Level PPP | TTTTT ddx | Hour GG | Code Type |
|---|---|---|---|---|---|---|---|---|---|---|
| 240 | 611 | 03677 | 400 | 67999 | 322 | 80990 | 142 | 14993 | 03 | 1 |
| 250 | 593 | 02838 | 587 | 53641 | 462 | 59648 | 436 | 62724 | 03 | 1 |
| 253 | 400 | 66991 | 138 | 16992 | | | | | 03 | 1 |
| 259 | 677 | 11622 | 470 | 56998 | 400 | 67993 | 250 | 91997 | 03 | 1 |
| 265 | 400 | 66799 | 367 | 71853 | 264 | 89996 | 114 | 21992 | 03 | 1 |
| 270 | 468 | 59772 | 456 | 60699 | 406 | 66776 | 366 | 71878 | 03 | 1 |
| 278 | 292 | 83955 | 256 | 88996 | 110 | 25993 | 101 | 69*** | 03 | 1 |
| 304 | 400 | 68824 | 381 | 70854 | 280 | 89991 | 132 | 19995 | 03 | 1 |
| 317 | 400 | 67801 | 267 | 89949 | 158 | 17992 | 085 | 12993 | 03 | 1 |
| 327 | 535 | 54683 | 506 | 57662 | 448 | 62799 | 400 | 69995 | 03 | 1 |
| 340 | 444 | 63774 | 400 | 69797 | 340 | 78894 | 263 | 89996 | 03 | 1 |
| 353 | 400 | 69995 | 264 | 90990 | 125 | 18995 | 096 | 17991 | 03 | 1 |
| 365 | 400 | 66824 | 270 | 89983 | 224 | 98999 | 114 | 21997 | 03 | 1 |
| 386 | 487 | 56712 | 459 | 59693 | 435 | 61774 | 400 | 67782 | 04 | 1 |
| 394 | 926 | 25505 | 632 | 06019 | 592 | 02546 | 568 | 00537 | 03 | 1 |
| 405 | 478 | 58744 | 400 | 66807 | 324 | 77899 | 142 | 17998 | 03 | 1 |
| 445 | 608 | 03686 | 400 | 70855 | 320 | 82946 | 268 | 90990 | 03 | 1 |
| 451 | 406 | 69848 | 400 | 69777 | 335 | 77806 | 266 | 89933 | 03 | 1 |
| 476 | 267 | 90961 | 121 | 20992 | 096 | 16994 | | | 03 | 1 |
| 486 | 290 | 86905 | 278 | 86996 | 257 | 89997 | 148 | 16993 | 03 | 1 |
| 493 | 926 | 23506 | 890 | 21567 | 868 | 24541 | 640 | 07647 | 03 | 1 |
| 506 | 519 | 53569 | 479 | 56736 | 400 | 64998 | 323 | 77893 | 03 | 1 |
| 518 | 277 | 88946 | 161 | 19995 | 135 | 20997 | 092 | 15990 | 03 | 1 |
| 520 | | | | | | | | | 03 | 1 |
| 528 | 270 | 89932 | 166 | 12995 | | | | | 03 | 1 |
| 534 | 749 | 08628 | 667 | 03531 | 592 | 52619 | 567 | 53725 | 03 | 1 |
| 536 | 514 | 58631 | 101 | 58 | | | | | 03 | 1 |
| 553 | 586 | 00695 | 514 | 57752 | 400 | 70999 | 330 | 83990 | 03 | 1 |
| 562 | 565 | 51605 | 532 | 53718 | 400 | 71995 | 272 | 88992 | 03 | 1 |
| 576 | 273 | 90990 | 194 | 04992 | | | | | 03 | 1 |
| 597 | 707 | 09535 | 695 | 08638 | 570 | 56649 | 400 | 74873 | 03 | 1 |
| 600 | 870 | 17083 | 808 | 11039 | 545 | 11577 | 672 | 06628 | 03 | 1 |
| 606 | 789 | 13010 | 628 | 02514 | 400 | 67714 | 275 | 89969 | 03 | 1 |
| 655 | 101 | 51 | | | | | | | 04 | 1 |
| 662 | 540 | 57680 | 482 | 62785 | 400 | 73990 | 278 | 87996 | 03 | 1 |
| 681 | 104 | 13992 | | | | | | | 03 | 1 |
| 712 | 648 | 03681 | 400 | 70999 | | | | | 03 | 1 |
| 734 | 604 | 50584 | 581 | 51719 | 557 | 54732 | 545 | 54990 | 03 | 1 |
| 747 | 486 | 63794 | 400 | 72998 | 363 | 76899 | 190 | 10995 | 03 | 1 |
| 764 | 371 | 78900 | 306 | 90000 | 264 | 96995 | 127 | 07996 | 03 | 1 |
| 768 | 366 | 80841 | 308 | 86985 | 292 | 89998 | 226 | 00990 | 03 | 1 |
| 775 | 400 | 74875 | 375 | 78927 | 313 | 87999 | 108 | 10990 | 03 | 1 |
| 785 | 365 | 78926 | 297 | 90990 | 243 | 00990 | 213 | 02992 | 03 | 1 |
| 798 | 328 | 90951 | 243 | 00993 | 136 | 98999 | | | 03 | 1 |
| 807 | | | | | | | | | | |
| 815 | 400 | 72997 | 101 | 55 | | | | | 03 | 1 |
| 816 | 435 | 75992 | 400 | 80992 | 328 | 90990 | 252 | 00990 | 03 | 1 |
| 826 | 482 | 64681 | 455 | 66714 | 400 | 72793 | 222 | 01997 | 03 | 1 |
| 836 | 863 | 16122 | 612 | 53585 | 400 | 70781 | 370 | 73005 | 03 | 1 |
| 867 | 600 | 57620 | 554 | 57657 | 400 | 77873 | 241 | 94991 | 03 | 1 |
| 879 | 598 | 54570 | 400 | 73765 | 189 | 08994 | 170 | 01990 | 03 | 1 |
| 896 | 442 | 71756 | 400 | 76909 | 311 | 90942 | 221 | 06998 | 03 | 1 |
| 906 | 460 | 79887 | 400 | 86885 | 375 | 90931 | 360 | 90993 | 03 | 1 |
| 907 | 676 | 58721 | 587 | 64994 | 434 | 82994 | 409 | 83991 | 03 | 1 |
| 913 | 856 | 01596 | 827 | 01644 | 773 | 00685 | 723 | 51995 | 03 | 1 |
| 915 | 740 | 55611 | 650 | 63761 | 550 | 72832 | 400 | 90990 | 03 | 1 |
| 917 | 840 | 04544 | 813 | 04512 | 731 | 51545 | 634 | 50611 | 03 | 1 |
| 918 | 563 | 63789 | 576 | 74876 | 400 | 83924 | 234 | 09995 | 03 | 1 |
| 924 | 400 | 81855 | 346 | 89934 | 240 | 07993 | | 94999 | 03 | 1 |
| 926 | | | | | | | | | | |
| 934 | 762 | 01007 | 750 | 01517 | 717 | 03571 | 664 | 50653 | 03 | 1 |
| 938 | 712 | 53589 | 653 | 54585 | 400 | 79854 | 256 | 99990 | 02 | 1 |
| 945 | 683 | 51541 | 607 | 54689 | 579 | 57727 | 514 | 62711 | 03 | 1 |
| 964 | | | | | | | | | | |
| 968 | 814 | 00534 | 750 | 51558 | 736 | 51563 | 400 | 76053 | 03 | 1 |
| 74 | | | | | | | | | | |
| 043 | | 55693 | 617 | 57643 | 572 | 59701 | 546 | 62691 | 03 | 1 |
| 072 | 776 | 03691 | 400 | 80886 | 353 | 86998 | | | 03 | 1 |
| 074 | 790 | 02587 | 682 | 53681 | 638 | 56647 | 600 | 58737 | 03 | 1 |
| 090 | 883 | 03024 | 868 | 02503 | 830 | 03541 | 665 | 55646 | 03 | 1 |
| 109 | 741 | 50537 | 655 | 54628 | 400 | 81921 | 373 | 85953 | 03 | 1 |
| 188 | 620 | 52708 | | 60646 | 400 | 71990 | 295 | 90990 | 03 | 1 |
| 76 | | | | | | | | | | |
| 458 | 269 | 90983 | 120 | 27990 | | | | | 02 | 1 |
| 491 | 614 | 24464 | 589 | 02591 | 553 | 00591 | 500 | 65613 | 02 | 1 |
| 644 | 422 | 65741 | 400 | 67787 | 277 | 88873 | 231 | 98995 | 03 | 1 |
| 679 | 422 | 63781 | 400 | 66801 | 368 | 70792 | 352 | 72849 | 03 | 1 |
| 78 | | | | | | | | | | |
| 016 | 738 | 05751 | 546 | 52991 | 400 | 68996 | 272 | 90990 | 03 | 1 |
| 325 | 269 | 88971 | 140 | 21995 | | | | | 03 | 1 |
| 355 | 590 | 50539 | 550 | 53599 | 400 | 69733 | 343 | 76854 | 03 | 1 |
| 367 | 749 | 12017 | 646 | 02592 | 610 | 01561 | 582 | 50999 | 03 | 1 |
| 395 | 400 | 69801 | 349 | 79863 | | | | | 03 | 1 |
| 501 | 725 | 12001 | 664 | 07027 | 610 | 03532 | 592 | 02653 | 03 | 1 |
| 525 | 638 | 01581 | 620 | 00632 | 602 | 01684 | 485 | 59997 | 03 | 1 |
| 806 | 427 | 66772 | 400 | 69995 | 366 | 73990 | 337 | 78875 | 03 | 1 |
| 862 | 763 | 18022 | 671 | 17052 | 101 | 58*** | | | 03 | 1 |
| 967 | | | | | | | | | | |
| 972 | 147 | 19996 | 101 | 58 | | | | | 03 | 1 |
| 80 | | | | | | | | | | |
| 050 | | | | | | | | | | |
| 91 | | | | | | | | | | |
| 115 | | | | | | | | | | |
| 182 | 731 | 07521 | 720 | 08542 | 706 | 07627 | 688 | 08993 | 03 | 1 |
| 215 | 258 | 90962 | 104 | 25991 | 101 | 55*** | | | 03 | 1 |
| 245 | 688 | 08041 | 659 | 07571 | 421 | 65796 | 415 | 65772 | 03 | 1 |
| 275 | 760 | 15993 | 473 | 52990 | 400 | 63996 | 258 | 84996 | 03 | 1 |
| 98 | | | | | | | | | | |
| 645 | 658 | 06035 | 560 | 01581 | 499 | 55601 | 366 | 68811 | 03 | 8 |
| QLL | | OCEAN | STA | | | | | | | |
| 034 | 490 | 57672 | 445 | 61684 | 342 | 75819 | 265 | 90921 | 03 | 9 |
| 035 | 473 | 57671 | 415 | 62807 | 400 | 65794 | 274 | 87019 | 03 | 9 |
| 037 | 159 | 18990 | | | | | | | 03 | 9 |
| 041 | 895 | 06025 | 835 | 01512 | 810 | 03014 | 760 | 02525 | 02 | 8 |
| 044 | 474 | 68755 | 101 | 58 | | | | | 03 | 9 |
| 051 | | | | | | | | | | |
| 053 | 611 | 57632 | 548 | 61777 | 400 | 78937 | 370 | 81995 | 03 | 9 |
| 055 | 884 | 10512 | 400 | 78823 | 329 | 89948 | 233 | 08991 | 03 | 9 |
| 062 | | | | | | | | | | |
| 063 | 400 | 82990 | 358 | 88997 | 232 | 10997 | 074 | 97993 | 03 | 9 |
| 126 | 562 | 48997 | 482 | 66990 | 400 | 76998 | 342 | 82994 | 03 | 1 |
| 134 | 822 | 13062 | 767 | 11625 | 634 | 01689 | 622 | 03990 | 03 | 1 |
| 144 | 755 | 08031 | 738 | 05604 | 662 | 01614 | 595 | 53697 | 03 | 9 |
| 215 | 564 | 01574 | 528 | 53645 | 466 | 57724 | 400 | 62714 | 03 | 1 |
| 223 | 595 | 02 | 479 | 55 | 427 | 61*** | 252 | 80*** | 03 | 1 |
| 235 | 440 | 60 | 413 | 60 | 276 | 80*** | 179 | 03*** | 03 | 1 |
| 246 | 400 | 70758 | 364 | 74994 | 101 | 67*** | 092 | 62*** | 03 | 9 |
| 360 | 793 | 53573 | 750 | 64611 | 400 | 86894 | 318 | 99*** | 03 | 5 |
| 01 | | | | | | | | | | |
| 001 | 890 | 02539 | 802 | 53579 | 785 | 53587 | 629 | 67702 | 03 | 8 |
| 030 | 687 | 60661 | 638 | 65702 | 459 | 81848 | 447 | 81848 | 03 | 5 |
| 384 | 828 | 04045 | 737 | 02004 | 666 | 54578 | 621 | 59611 | 03 | 5 |
| 415 | 400 | 84891 | 360 | 91960 | 260 | 07991 | 250 | 06995 | 03 | 8 |
| 02 | | | | | | | | | | |
| 057 | 849 | 04511 | 787 | 50559 | 262 | 03991 | 240 | 05990 | 03 | 8 |
| 077 | 295 | 00994 | 270 | 03994 | 230 | 94992 | 086 | 89999 | 03 | 5 |
| 084 | 720 | 51527 | 653 | 56571 | 299 | 00995 | 259 | 06995 | 03 | 8 |
| 03 | | | | | | | | | | |
| 005 | 265 | 38 0 | 259 | 40 0 | 226 | 48**0 | 193 | 52**0 | 02 | 2 |
| 171 | | | | | | | | | | |
| 743 | 715 | 33090 | 275 | 43 0 | 240 | 35**0 | 224 | 38**0 | 02 | 2 |
| 917 | 122 | 45 0 | | | | | | | 02 | 2 |
| 953 | 736 | 35 0 | 612 | 22 0 | 532 | 08**0 | 480 | 02**0 | 03 | 2 |
| 04 | | | | | | | | | | |
| 018 | 627 | 57759 | 400 | 80994 | 336 | 90990 | 217 | 10990 | 03 | 1 |
| 202 | 611 | 58676 | 400 | 80908 | 348 | 88966 | | | 03 | 1 |
| 231 | 659 | 57732 | 568 | 63658 | 400 | 84925 | 370 | 86965 | 04 | 1 |
| 270 | | | | | | | | | | |
| 339 | 440 | 78 | 322 | 90 | 300 | 00000 | 107 | 85*** | 03 | 5 |
| 360 | 634 | 54650 | 483 | 70770 | 336 | 91970 | 233 | 00999 | 03 | 5 |
| 06 | | | | | | | | | | |
| 011 | 541 | 73762 | 520 | 72752 | 428 | 84883 | 158 | 98999 | 03 | 8 |
| 260 | 757 | 00008 | 605 | 58657 | 572 | 60684 | 465 | 70813 | 03 | 8 |
| 447 | 720 | 00533 | 475 | 71833 | 457 | 72850 | 253 | 01**6 | 03 | 8 |
| 610 | 694 | 55551 | 658 | 55567 | 529 | 63697 | 471 | 70797 | 05 | 5 |
| 07 | | | | | | | | | | |
| 110 | 832 | 01505 | 800 | 30512 | 750 | 03522 | 614 | 55732 | 02 | 5 |
| 145 | 792 | 01004 | 754 | 52547 | 710 | 52541 | 605 | 60621 | 02 | 8 |
| 190 | | | | | | | | | | |
| 480 | 700 | 59590 | 596 | 66661 | 546 | 68689 | 548 | 71715 | 02 | 8 |
| 510 | 780 | 04031 | 567 | 59644 | 500 | 50710 | 400 | 76829 | 02 | 5 |
| 645 | 854 | 08038 | 845 | 06018 | 799 | 02528 | 746 | 50552 | 02 | 8 |
| 08 | | | | | | | | | | |
| 509 | 782 | | 101 | 55 | | | | | 03 | 1 |
| 521 | 854 | 19026 | 827 | 21546 | 724 | 12543 | 710 | 10007 | 14 | 8 |
| 536 | 614 | 04653 | 400 | 70847 | 390 | 72856 | 238 | 98999 | 14 | 8 |
| 10 | | | | | | | | | | |
| 122 | 319 | 55 0 | 273 | 47 0 | 212 | 55**0 | 189 | 52**0 | 08 | 2 |
| 338 | 326 | 58 0 | 277 | 46 0 | 253 | 44**0 | 218 | 51**0 | 08 | 2 |
| 384 | 620 | 56584 | 591 | 57610 | 595 | 62761 | 400 | 77852 | 03 | 5 |
| 419 | | | | | | | | | | |
| 633 | 774 | 02009 | 561 | 51716 | 450 | 73861 | 400 | 79995 | 03 | 5 |
| 866 | 400 | 77821 | 318 | 90951 | 245 | 03996 | 225 | 01995 | 03 | 5 |
| 11 | | | | | | | | | | |
| 030 | 322 | 90961 | 252 | 01 3 | 214 | 98**4 | 140 | 01**3 | 03 | 5 |
| 567 | | | | | | | | | | |
| 17 | | | | | | | | | | |
| 130 | 726 | 06559 | | 07990 | 650 | 06991 | 583 | 51997 | 02 | 8 |
| 40 | | | | | | | | | | |
| 648 | 610 | 43770 | 576 | 37720 | 525 | 36710 | 440 | 25630 | 02 | 2 |
| 42 | | | | | | | | | | |
| 182 | 468 | 00 | 416 | 54- | 385 | 60*** | 362 | 60*** | 15 | 8 |
| 339 | 635 | 11530 | 550 | 05610 | 418 | 58610 | 176 | | 15 | 8 |
| 475 | | | | | | | | | | |
| 807 | 510 | 51570 | 466 | 55620 | 188 | 95*** | 170 | 96*** | 15 | 8 |
| 909 | | | | | | | | | | |
| 43 | | | | | | | | | | |
| 063 | 570 | 50 | 526 | 52 | 300 | 81*** | | | 14 | 8 |
| 149 | 350 | 69 | 220 | 91 | | | | | 14 | 8 |
| 279 | | | | | | | | | | |
| 371 | | | | | | | | | | |
| 45 | | | | | | | | | | |
| 007 | 750 | 15060 | 650 | 07580 | 600 | 03620 | 550 | 50**0 | 22 | 8 |

JULY 19

# RADIOSONDE AND RAWINSONDE DATA

| Index No. iii | Station Name | 1000 mb. hhh | 1000 mb. TTTTT ddx | dd | ff | 850 mb. hhh | 850 mb. TTTTT ddx | dd | ff | 700 mb. hhh | 700 mb. TTTTT ddx | dd | ff | 500 mb. hhh | 500 mb. TTTTT ddx | dd | ff | Hour GG | Code Type |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | BLOCK 47 | | | | | | | | | | | | | | | | | | |
| 401 | WAKKANAI | 032 | 23154 | | | 479 | 16076 | | | 010 | 07032 | | | 896 | 58728 | | | 03 | 1 |
| 412 | SAPPORO DCMO | 022 | 23212 | | | 471 | 09081 | | | 993 | 05042 | | | 869 | 58614 | | | 03 | 1 |
| 580 | MISAWA | 030 | 27254 | 15 | 3 | 494 | 18166 | 27 | 17 | 034 | 10076 | 24 | 25 | 929 | 55572 | 25 | 27 | 03 | 1 |
| 590 | SENDAI DCMO | 027 | 29234 | | | 493 | 20106 | | | 032 | 10016 | | | 922 | 56643 | | | 03 | 1 |
| 635 | NAGOYA | 037 | 29234 | 15 | 21 | 508 | 20170 | 18 | 17 | 050 | 12013 | 17 | 35 | 944 | 59781 | 16 | 17 | 03 | 1 |
| 646 | TATENO | 031 | 30257 | | | 497 | 21153 | | | 038 | 11033 | | | 937 | 54629 | | | 03 | 1 |
| 671 | TOKYO | 030 | 28241 | 20 | 26 | 497 | 19122 | 23 | 18 | 036 | 10031 | 22 | 22 | 860 | 56992 | 21 | 15 | 04 | 1 |
| 744 | YONAGO | 023 | 15230 | | | 483 | 18165 | | | 023 | 12190 | | | 927 | 52644 | | | 03 | 1 |
| 778 | SHIONOMISAKI | 037 | 26223 | | | 498 | 19189 | | | 037 | 11104 | | | 940 | 50540 | | | 03 | 1 |
| 808 | ITAZUKE | 101 | 42 | | | | | | | *** | ***** | | | *** | ***** | | | 03 | 1 |
| 827 | KAGOSHIMA | 029 | 25212 | | | 483 | 13098 | | | 014 | 04001 | | | 889 | 57606 | | | 03 | 1 |
| | BLOCK 60 | | | | | | | | | | | | | | | | | | |
| 120 | PORT LYAUTEY | 054 | 17103 | | | 505 | 10990 | | | 048 | 08995 | | | 924 | 62997 | | | 03 | 6 |
| 155 | CASABLANCA | 167 | 17173 | 05 | 5 | 580 | 24062 | 06 | 3 | 235 | 10618 | 27 | 11 | 918 | 61775 | 21 | 26 | 02 | 5 |
| 390 | M BLANCHE | 174 | 18177 | 07 | 7 | 570 | 16032 | 02 | 10 | 190 | 09621 | 29 | 37 | 863 | 63831 | 28 | 48 | 02 | |
| | BLOCK 61 | | | | | | | | | | | | | | | | | | |
| 642 | DAKAR OUAKAM | 113 | 25222 | 32 | 5 | 520 | 18143 | 12 | 2 | 145 | 07529 | 10 | 33 | 838 | 56994 | 09 | 34 | 07 | 5 |
| | BLOCK 62 | | | | | | | | | | | | | | | | | | |
| 011 | WHEELUS FLD | 120 | 26102 | 00 | | 348 | 24140 | 01 | 13 | 210 | 11574 | 34 | 22 | 907 | 61671 | 35 | 23 | 03 | 5 |
| 053 | BENINA | 038 | | | | 505 | 68400 | | | 046 | 52170 | | | 941 | 23840 | | | 02 | 7 |
| 366 | FAROUK | | | | | 465 | 20012 | 31 | 11 | 107 | 12997 | 33 | 10 | 863 | 50994 | 30 | 11 | 03 | 5 |
| | BLOCK 70 | | | | | | | | | | | | | | | | | | |
| 026 | BARROW | 045 | 01015 | 07 | 20 | 479 | 03523 | 07 | 43 | 993 | 50725 | 07 | 43 | 850 | 67990 | 05 | 18 | 03 | 1 |
| 219 | BETHEL | 016 | 09087 | 20 | 9 | 453 | 01004 | 24 | 13 | 959 | 55562 | | | 805 | 70731 | | | 03 | 1 |
| 231 | MCGRATH | 018 | | | | 458 | 03038 | | | 970 | 53548 | | | 826 | 65671 | | | 03 | 1 |
| 261 | FRBNKS WEEKS | 011 | | | | 465 | 11059 | 20 | 10 | 986 | 50519 | 20 | 9 | 843 | 67716 | 18 | 15 | 03 | 1 |
| 273 | ANCH MERRILL | 033 | 11092 | 26 | 3 | 473 | 03019 | 15 | 21 | 984 | 52555 | 17 | 21 | 843 | 64701 | 22 | 20 | 03 | 1 |
| 291 | NORTHWAY | 011 | | | | 474 | 14046 | 14 | 4 | 997 | 50546 | 23 | 15 | 853 | 67785 | 23 | 9 | 03 | 1 |
| 350 | KODIAK | 024 | 10082 | | | 472 | 06058 | | | 982 | 00643 | | | 838 | 66997 | | | 03 | 1 |
| 361 | YAKUTAT | 044 | 09058 | 26 | 9 | 483 | 07035 | | | 002 | 50568 | 30 | 4 | 858 | 66767 | 01 | 11 | 03 | 1 |
| 381 | JUNEAU | 035 | 16091 | 24 | 4 | 480 | 06024 | 10 | 2 | 997 | 51577 | 15 | 13 | 855 | 65726 | 12 | 6 | 03 | 1 |
| 398 | ANNETTE IS | 031 | 18076 | 31 | 6 | 479 | 07011 | 16 | 7 | 995 | 50607 | 05 | 7 | *** | ***** | | | 03 | 1 |
| 409 | MASSACRE BAY | 026 | 07071 | 20 | 16 | 462 | 09083 | 22 | 34 | 982 | 00508 | 23 | 40 | *** | ***** | | | 03 | 1 |
| 439 | AMCHITKA | 050 | 07069 | 20 | 17 | 490 | 09552 | 22 | 22 | 014 | 05672 | 27 | 23 | 894 | 57625 | 28 | 21 | 03 | 1 |
| 454 | LONGVIEW | 050 | 08077 | 25 | 12 | 491 | 08519 | 24 | 14 | 013 | 02618 | 25 | 29 | 886 | 59634 | 27 | 30 | 03 | 1 |
| 485 | FORT GLENN | 101 | 43 | | | | | | | *** | ***** | | | *** | ***** | | | 03 | 1 |
| | BLOCK 72 | | | | | | | | | | | | | | | | | | |
| 202 | MIAMI | 055 | 23208 | | | 518 | 17093 | | | 054 | 08012 | | | *** | ***** | | | 03 | 1 |
| 208 | CHARLESTON | 056 | 25221 | 16 | 12 | 517 | 15112 | 19 | 12 | 052 | 08014 | 21 | 19 | 939 | 57619 | 18 | 12 | 03 | 1 |
| 211 | TAMPA | 054 | 24216 | 11 | 3 | 518 | 17124 | 16 | 5 | 054 | 08041 | | | 941 | 57596 | | | 03 | 1 |
| 219 | ATLANTA | 053 | | | | 515 | 16145 | 00 | | 050 | 07035 | 12 | 5 | 935 | 57722 | | | 03 | 1 |
| 231 | NEW ORLEANS | 050 | 24221 | 18 | 4 | 514 | 18131 | 29 | 9 | 052 | 08029 | 29 | 12 | 940 | 57723 | 33 | 12 | 03 | 1 |
| 240 | LAKE CHARLES | 042 | 27252 | 19 | 10 | 510 | 19138 | 21 | 4 | 050 | 10021 | 26 | 13 | 942 | 56708 | 36 | 14 | 03 | 1 |
| 250 | BROWNSVILLE | 034 | 27245 | 14 | 15 | 502 | 21103 | 16 | 22 | 044 | 11010 | 18 | 14 | 937 | 55657 | 12 | 6 | 03 | 1 |
| 253 | SAN ANTONIO | 034 | | | | 504 | 19169 | 15 | 7 | 047 | 12022 | 19 | 9 | 944 | 53997 | 06 | 10 | 03 | 1 |
| 265 | BIG SPRING | 024 | | | | 501 | 25111 | 17 | 18 | 047 | 14561 | 07 | 15 | 944 | 55586 | 29 | 3 | 04 | 1 |
| 270 | EL PASO | 001 | | | | 488 | 32095 | 19 | 5 | 047 | 17023 | 13 | 2 | 949 | 55608 | 07 | 18 | 03 | 1 |
| 278 | PHOENIX | 013 | | | | 494 | 27111 | 27 | 7 | 047 | 14044 | 25 | 2 | 943 | 56652 | | | 03 | 1 |
| 304 | HATTERAS | 058 | 24227 | | | 520 | 15122 | | | 052 | 07997 | | | 935 | 58725 | 20 | 22 | 03 | 1 |
| 317 | GREENSBORO | 052 | | | | 514 | 16144 | 22 | 21 | 050 | 08992 | 22 | 18 | 938 | 56998 | 22 | 19 | 03 | 1 |
| 327 | NASHVILLE | 042 | | | | 505 | 18111 | 24 | 9 | 041 | 09543 | 31 | 15 | 924 | 50709 | 34 | 15 | 03 | 1 |
| 340 | LITTLE ROCK | 041 | 28232 | 16 | 6 | 508 | 19091 | 18 | 7 | 048 | 11006 | 34 | 11 | 935 | 57992 | 25 | 20 | 03 | 1 |
| 353 | OKLAHOMA CTY | 025 | | | | 501 | 24141 | 20 | 22 | 050 | 12057 | 30 | 8 | 946 | 55735 | 35 | 17 | 03 | 1 |
| 365 | ALBUQUERQUE | 008 | | | | 495 | | | | 049 | 12057 | 18 | 12 | 943 | 55578 | 29 | 10 | 03 | 1 |
| 386 | LAS VEGAS | 503 | | | | 483 | 30006 | 23 | 21 | 036 | 13008 | 22 | 24 | 930 | 56744 | 22 | 20 | 03 | 1 |
| 394 | SANTA MARIA | 034 | 14112 | 27 | 3 | 496 | 22024 | 25 | 2 | 034 | 12031 | 23 | 15 | 931 | 57742 | 23 | 27 | 03 | 1 |
| 405 | WASHINGTON | 045 | 25211 | | | 508 | 16128 | | | 043 | 06037 | | | 930 | 57611 | | | 03 | 1 |
| 445 | COLUMBIA | 027 | | | | 499 | 20174 | 27 | 24 | 042 | 12023 | 26 | 23 | 930 | 58749 | 31 | 28 | 03 | 1 |
| 451 | DODGE CITY | 019 | | | | 498 | 28118 | 03 | 6 | 051 | 14051 | 23 | 7 | 948 | 55711 | | | 03 | 1 |
| 476 | GRAND JUNC | 004 | | | | 484 | 25106 | 14 | 5 | 039 | 17022 | 25 | 24 | 941 | 56583 | 23 | 27 | 03 | 1 |
| 486 | ELY | 504 | | | | 477 | | | | 030 | 14506 | 23 | 23 | 924 | 59627 | | | 03 | 1 |
| 493 | OAKLAND | 032 | 14091 | 25 | 13 | 488 | 19548 | 26 | 14 | 027 | 10631 | 24 | 19 | 911 | 58998 | 23 | 35 | 03 | 1 |
| 506 | NANTUCKET | 044 | 21214 | 22 | 29 | 508 | 17136 | 25 | 40 | 044 | 09001 | 25 | 41 | 934 | 55679 | | | 03 | 1 |
| 518 | ALBANY | 034 | 23217 | 00 | | 497 | 16137 | 26 | 21 | 030 | 06047 | 26 | 37 | 914 | 57652 | | | 03 | 1 |
| 520 | PITTSBURGH | 040 | | | | 503 | 17083 | 25 | 14 | 037 | 07016 | 25 | 16 | 923 | 59641 | | | 03 | 1 |
| 528 | BUFFALO | 035 | | | | 495 | 17070 | 26 | 17 | 028 | 06501 | | | 908 | 58755 | | | 03 | 1 |
| 534 | CHICAGO | 026 | | | | 494 | 20121 | 25 | 18 | 034 | 10534 | 28 | 25 | 919 | 60641 | | | 03 | 1 |
| 536 | TOLEDO | 029 | | | | 494 | 17136 | 24 | 29 | 030 | 08004 | 27 | 22 | 913 | 58999 | | | 03 | 1 |
| 553 | OMAHA | 027 | | | | 496 | 21004 | 29 | 6 | 035 | 08505 | 28 | 16 | 921 | 57998 | 30 | 27 | 03 | 1 |
| 562 | N PLATTE | 027 | | | | 497 | 22063 | 11 | 4 | 038 | 11611 | 31 | 10 | 933 | 55696 | 27 | 25 | 03 | 1 |
| 576 | LANDER | 014 | | | | 485 | | | | 029 | 11004 | 07 | 6 | 919 | 58624 | 26 | 39 | 04 | 1 |
| 597 | MEDFORD | 034 | | | | 492 | 11045 | 30 | 15 | 013 | 04643 | 24 | 23 | 885 | 63990 | 25 | 36 | 03 | 1 |
| 600 | SABLE ISLAND | 040 | 17171 | | | 497 | 16090 | | | 034 | 08065 | | | 923 | 55597 | | | 03 | 1 |
| 606 | PORTLAND | 029 | 20207 | | | 490 | 16116 | | | 025 | 07041 | | | 911 | ***** | | | 03 | 1 |
| 655 | ST CLOUD | 025 | | | | 483 | 12073 | 30 | 24 | 008 | 06573 | 30 | 33 | 893 | 59990 | 30 | 38 | 03 | 1 |
| 662 | RAPID CITY | 028 | | | | 494 | 20074 | 09 | 5 | 034 | 09535 | 26 | 15 | 921 | 58648 | 27 | 42 | 03 | 1 |
| 681 | BOISE | 509 | | | | 470 | 25505 | 33 | 18 | 014 | 11571 | 27 | 23 | 896 | 62687 | 21 | 40 | 03 | 1 |
| 712 | CARIBOU | 030 | | | | 483 | 12117 | 21 | 20 | 013 | 06033 | 25 | 26 | 897 | 58622 | | | 03 | 1 |
| 734 | SAULT MARIE | 012 | | | | 472 | 16113 | 23 | 40 | 005 | 05514 | 24 | 29 | 877 | 61664 | 23 | 47 | 03 | 1 |
| 747 | INTL FALLS | 019 | | | | 470 | 08062 | 31 | 26 | 990 | 01528 | 32 | 26 | 864 | 59996 | 32 | 64 | 04 | 1 |
| 764 | BISMARCK | 033 | | | | 487 | 12052 | 31 | 11 | 014 | 07590 | 31 | 25 | 897 | 59991 | 28 | 27 | 04 | 1 |
| 768 | GLASGOW | 026 | | | | 486 | 14051 | 12 | 12 | 015 | 06648 | 26 | 17 | 891 | 61712 | | | 03 | 1 |
| 775 | GREAT FALLS | 005 | | | | 472 | 21072 | 09 | 5 | 012 | 07507 | 19 | 15 | 887 | 62736 | | | 03 | 1 |
| 785 | SPOKANE | 006 | | | | 473 | 17018 | 24 | 22 | 003 | 03557 | 22 | 23 | 868 | 65819 | 21 | 46 | 03 | 1 |
| 798 | TATOOSH IS | 038 | 11103 | 20 | 5 | 477 | 04021 | 28 | 12 | 988 | 54562 | 28 | 14 | 829 | 72773 | 28 | 16 | 03 | 1 |
| 807 | ARGENTIA | 033 | 13125 | | | 489 | 15117 | | | 015 | 04525 | | | 891 | 60717 | | | 03 | 1 |
| 815 | STEPHENVILLE | 030 | 16152 | 24 | 7 | 479 | 10078 | 27 | 29 | 003 | 02003 | 27 | 40 | 868 | 64696 | 28 | 35 | 03 | 1 |
| 816 | GOOSE | 026 | 12049 | 29 | 12 | 466 | 03014 | 33 | 21 | 979 | 52599 | 32 | 35 | 831 | 68798 | 32 | 55 | 03 | 1 |
| 826 | NITCHEQUON | 026 | | | | 466 | 06615 | | | 990 | 03501 | | | 860 | 62671 | | | 03 | 1 |
| 836 | MOOSONEE | 003 | 20143 | | | 461 | 15085 | | | 992 | 04025 | | | 869 | 60628 | | | 03 | 1 |
| 867 | THE PAS | 038 | | | | 479 | 02520 | | | 994 | 00681 | | | 860 | 61829 | | | 03 | 1 |
| 879 | EDMONTON | 028 | | | | 482 | 10066 | 13 | 13 | 003 | 50524 | 18 | 8 | 868 | 64773 | 18 | 9 | 03 | 1 |
| 896 | PRINCE GEORG | 025 | | | | 469 | 07031 | 17 | 5 | 984 | 53533 | 15 | 14 | 835 | 68728 | 13 | 22 | 03 | 1 |
| 906 | FT CHIMO | 041 | 05021 | | | 475 | 02009 | | | 986 | 52663 | | | 840 | ***** | | | 03 | 1 |
| 907 | PORT HARRISN | 039 | 07049 | | | 477 | 01534 | | | 987 | 53681 | | | 843 | 63787 | | | 03 | 1 |
| 913 | CHURCHILL | 054 | 03035 | 04 | 10 | 488 | 50557 | 06 | 19 | 988 | 57701 | 10 | 25 | 823 | 69715 | 19 | 9 | 03 | 1 |
| 915 | CORAL HARBOR | 156 | 06048 | | | 486 | 51525 | | | 993 | 56673 | | | 826 | 75831 | | | 03 | 1 |
| 917 | EUREKA | 062 | 06024 | 27 | 5 | 495 | 03549 | 02 | 10 | 008 | 00577 | 02 | 6 | 867 | 67756 | 36 | 16 | 03 | 1 |
| 918 | ARCTIC BAY | 054 | 09030 | | | 492 | 05581 | | | 004 | 53659 | | | 847 | 71993 | | | 03 | 1 |
| 924 | RESOLUTE | 064 | 05001 | 36 | 14 | 500 | 05502 | 36 | 14 | 013 | 53611 | 36 | 13 | 861 | 70753 | 36 | 13 | 03 | 1 |
| 926 | BAKER LAKE | 101 | 59 | | | | | | | *** | ***** | | | *** | ***** | | | 03 | 1 |
| 934 | FT SMITH | 044 | | | | 492 | 06044 | | | 010 | 52534 | | | 857 | **998 | | | 03 | 1 |
| 938 | COPPERMINE | 640 | 05032 | | | 499 | 04528 | | | 010 | 51641 | | | 866 | 67791 | | | 02 | 1 |
| 945 | FORT NELSON | 036 | | | | 485 | 05515 | | | 994 | 54589 | | | 838 | 70756 | | | 03 | 1 |
| 964 | WHITEHORSE | 026 | | | | 482 | 11067 | 16 | 11 | 003 | 00503 | 14 | 18 | 866 | 65683 | 15 | 9 | 03 | 1 |
| 968 | AKLAVIK | 042 | | | | 482 | 05008 | | | 997 | 50543 | | | 856 | 65781 | | | 03 | 1 |
| | BLOCK 74 | | | | | | | | | | | | | | | | | | |
| 043 | NORMAN WELLS | 043 | 71084 | | | 496 | 12011 | | | 022 | 01999 | | | 886 | 65992 | | | 03 | 1 |
| 074 | ISACHSEN | 071 | 00503 | | | 504 | 05611 | | | 018 | 50992 | | | 877 | 65797 | | | 03 | 1 |
| 090 | CLYDE RIVER | 053 | 05006 | 33 | 4 | 491 | 06543 | 34 | 3 | 005 | 53673 | 02 | 6 | 852 | 69997 | 34 | 11 | 03 | 1 |
| 109 | PORT HARDY | 033 | 02086 | | | 474 | 04005 | | | 987 | 54581 | | | 840 | 68782 | | | 03 | 1 |
| 188 | MINGAN L PT | 029 | 10058 | 00 | | 471 | 06517 | 23 | 15 | 988 | 50551 | 31 | 24 | *** | ***** | | | 09 | 1 |
| | BLOCK 76 | | | | | | | | | | | | | | | | | | |
| 458 | MAZATLAN | 028 | 28228 | | | 496 | 19145 | | | 037 | 11064 | | | 931 | 55624 | | | 02 | 1 |
| 491 | C VICTORIA | 025 | | | | 498 | 22133 | | | 040 | 09014 | | | 902 | 55703 | | | 02 | 1 |
| 644 | MERIDA | 044 | 27227 | | | 510 | 19131 | | | 049 | 09013 | | | 940 | 59629 | | | 03 | 1 |
| 679 | TACUBAYA | 021 | | | | 492 | | | | 035 | 11088 | | | 931 | 53584 | | | 03 | 1 |
| | BLOCK 78 | | | | | | | | | | | | | | | | | | |
| 016 | KINDLEY FLD | 069 | 24206 | 02 | 6 | 531 | 17092 | | | 067 | 10998 | 10 | 8 | 958 | 56990 | 08 | 12 | 03 | 1 |
| 325 | HAVANA C B | 053 | 23208 | 22 | 11 | 516 | 17145 | 10 | 5 | 052 | 07023 | 13 | 8 | 937 | 56598 | | | 03 | 1 |
| 355 | CAMAGUEY | 052 | 24228 | | | 516 | 19100 | | | 054 | 08571 | | | 939 | 56697 | | | 03 | 1 |
| 395 | VERNAM FIELD | 045 | 22202 | 02 | 3 | 505 | 16104 | 10 | 12 | 039 | 08666 | 07 | 20 | 924 | 57990 | 10 | 9 | 09 | 1 |
| 501 | SWAN ISLAND | 047 | 26232 | | | 510 | 16137 | | | 046 | 07537 | | | 932 | 57682 | | | 03 | 1 |
| 525 | SAN JUAN | 051 | 25221 | 10 | 16 | 514 | 16134 | 08 | 24 | 048 | 08003 | 10 | 23 | 938 | 55999 | 15 | 9 | 03 | 1 |
| 967 | CHAGUARAMAS | 047 | 23209 | | | 512 | 18125 | | | 048 | 08994 | | | 535 | 56990 | | | 03 | 1 |
| | BLOCK 91 | | | | | | | | | | | | | | | | | | |
| 066 | MIDWAY ISL | 059 | 24183 | 06 | 16 | 514 | 13092 | 09 | 12 | 042 | 04528 | 07 | 12 | 884 | 60733 | | | 03 | 1 |
| 182 | HONOLULU | 047 | 24161 | 06 | 16 | 505 | 13072 | 07 | 19 | 035 | 09617 | 05 | 4 | 929 | 55998 | 25 | 18 | 03 | 1 |
| 215 | HARMON FLD | 023 | 29242 | 13 | 9 | 491 | 18164 | 15 | 11 | 031 | 10074 | 07 | 2 | 928 | 53573 | 30 | 76 | 03 | 1 |
| 245 | WAKE ISLAND | 040 | 27224 | 09 | 16 | 930 | 16123 | 10 | 13 | 031 | 09003 | 02 | 11 | 919 | 58673 | 31 | 22 | 04 | 1 |
| 366 | KWAJALEIN | 032 | 28228 | 11 | 5 | 501 | 19115 | 10 | 8 | 040 | 10012 | 11 | 7 | 933 | 55706 | 15 | 7 | 03 | 1 |
| 413 | YAP | 033 | 39341 | 18 | 4 | 486 | 17131 | 18 | 11 | 031 | 08036 | 18 | 11 | 913 | 55637 | 18 | 5 | 03 | 1 |
| | BLOCK 98 | | | | | | | | | | | | | | | | | | |
| 327 | CLARK FIELD | 025 | | | | 496 | 20153 | 09 | 9 | 038 | 11043 | 10 | 12 | 935 | 52608 | 11 | 14 | 03 | 1 |
| 645 | CEBU | 026 | 28237 | | | 497 | 18159 | | | 033 | 10036 | | | 928 | 55671 | | | 03 | 8 |
| QLL | OCEAN STA | | | | | | | | | | | | | | | | | | |
| 034 | 0 355 400 | 042 | 23193 | 36 | 8 | 499 | 13138 | 33 | 5 | 034 | 10998 | 29 | 16 | 925 | 56997 | 32 | 18 | 03 | 9 |
| 035 | 0 340 520 | 059 | 22162 | 05 | 11 | 515 | 17996 | 05 | 7 | 052 | 10993 | 03 | 5 | 944 | 54639 | 33 | 15 | 04 | 9 |
| 037 | 0 360 700 | 066 | 24219 | 22 | 13 | 528 | 16093 | 22 | 9 | 065 | 10991 | 20 | 11 | 955 | 57990 | 17 | 34 | 04 | 9 |
| 041 | 0 450 160 | 235 | 15141 | | | 580 | 09094 | | | 191 | 03015 | | | 856 | 60634 | | | 02 | 8 |
| 044 | 0 450 450 | 042 | 15111 | | | 494 | 12023 | | | 023 | 06638 | 29 | 13 | 901 | 61996 | 30 | 34 | 03 | 9 |
| 051 | 0 538 187 | 066 | 55450 | | | 505 | 46260 | 18 | 12 | 023 | 30180 | 18 | 12 | 879 | 02700 | 22 | 21 | 02 | 2 |
| 053 | 0 527 355 | 021 | 12127 | 13 | 10 | 469 | 20100 | 20 | 10 | 991 | 00505 | 19 | 13 | 860 | 63681 | 24 | 27 | 03 | 9 |
| 055 | 0 565 510 | 513 | | | | 429 | 51579 | 26 | 4 | 927 | 60686 | 23 | 4 | 747 | 79858 | 15 | 8 | 03 | 9 |
| 062 | 0 600 200 | 057 | 51500 | | | 494 | 39390 | | | 005 | 25130 | | | 854 | 00720 | | | 03 | 7 |
| 063 | 0 620 330 | 042 | 08072 | 19 | 12 | 478 | 03013 | 19 | 11 | 990 | 52545 | 17 | 9 | 837 | 69746 | 18 | 14 | 03 | 9 |
| 134 | 1 300 400 | 064 | 18141 | 04 | 14 | 513 | 13051 | | | 046 | 08993 | 36 | 17 | 934 | 57998 | | | 03 | 9 |
| 144 | 1 490 480 | 069 | 16157 | 27 | 17 | 520 | 12106 | 31 | 35 | 052 | 06536 | 29 | 32 | 929 | 60667 | 27 | 30 | 03 | 9 |
| 223 | 2 286 344 | 038 | 23 | | | 491 | 16 | | | 026 | 10*** | | | 913 | 54*** | | | 03 | 1 |
| 235 | 2 391 533 | 048 | 17 | | | 499 | 15 | | | 026 | 07*** | | | 901 | 59*** | | | 03 | 1 |
| 246 | 2 440 650 | 036 | 13121 | 20 | 9 | 476 | 12115 | 23 | 16 | 014 | 07530 | 25 | 14 | 899 | 54997 | 24 | 10 | 03 | 9 |
| 360 | 3 660 020 | 109 | 07058 | 27 | 15 | 420 | 00527 | 27 | 19 | 955 | 60631 | 28 | 17 | 471 | 76811 | 27 | 23 | 03 | 5 |

JULY 20

| Index No. iii | Station Name | 1000 mb. hhh | 1000 mb. TTTTT ddx | dd | ff | 850 mb. hhh | 850 mb. TTTTT ddx | dd | ff | 700 mb. hhh | 700 mb. TTTTT ddx | dd | ff | 500 mb. hhh | 500 mb. TTTTT ddx | dd | ff | Hour GG | Code Type |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | BLOCK 01 | | | | | | | | | | | | | | | | | | |
| 001 | JAN MAYEN | 074 | 02017 | | | 390 | 00583 | | | 912 | 60642 | | | 447 | 73825 | | | 03 | 8 |
| 030 | TROMSO | 102 | 06047 | | | 410 | 53533 | | | 922 | 63644 | | | 428 | 77820 | | | 03 | 8 |
| 384 | GARDERMOEN | 085 | 99999 | | | 429 | 07074 | | | 007 | 50509 | | | 609 | 68681 | | | 03 | 5 |
| 415 | SOLA | 120 | 09074 | | | 460 | 05052 | | | 023 | 53548 | | | 599 | 71731 | | | 03 | 8 |
| | BLOCK 02 | | | | | | | | | | | | | | | | | | |
| 057 | LULEA KALLAS | 087 | 12101 | | | 420 | 04018 | | | 985 | 55571 | | | 552 | 71735 | | | 03 | 8 |
| 077 | STOCKHOLM | 097 | 14122 | 10 | 4 | 460 | 09006 | 17 | 12 | 041 | 51553 | 16 | 12 | 652 | 65728 | 21 | 23 | 03 | 5 |
| 084 | GOTEBORG | 068 | 14101 | | | 414 | 06043 | | | 983 | 53557 | | | 561 | 70774 | | | 03 | 8 |
| 974 | HELSINKI MAL | 108 | 09067 | | | 467 | 07544 | | | 028 | 51634 | | | 630 | 65797 | | | 03 | 2 |
| | BLOCK 03 | | | | | | | | | | | | | | | | | | |
| 005 | LERWICK | 054 | 45 0 | 33 | 12 | 490 | 40 0 | 03 | 8 | 002 | 25**0 | 36 | 6 | 851 | 99**0 | 35 | 16 | 02 | 2 |
| 026 | STORNOWAY | 057 | 50450 | 19 | 4 | 493 | 35320 | 20 | 5 | 006 | 28000 | 27 | 5 | 763 | 03590 | 33 | 12 | 02 | 2 |
| 171 | LEUCHARS | 058 | 51500 | | | 496 | 37370 | | | 007 | 25110 | | | 857 | 04760 | | | 02 | 7 |
| 476 | DOWNHAM MKT | 061 | 50460 | 32 | 10 | 501 | 40310 | 30 | 13 | 013 | 25090 | 31 | 23 | 862 | 04710 | 31 | 59 | 02 | 2 |
| 743 | LARKHILL | 067 | 53490 | | | 509 | 42350 | 33 | 12 | 023 | 29200 | 30 | 23 | 883 | 07990 | 30 | 46 | 02 | 2 |
| 808 | CAMBORNE | 070 | 56530 | 24 | 11 | 513 | 46280 | 30 | 6 | 032 | 34310 | 31 | 34 | 902 | 12070 | 28 | 3 | 02 | 2 |
| 917 | ALDERGROVE | 061 | 54470 | 20 | 12 | 502 | 42300 | 23 | 17 | 016 | 28210 | 24 | 13 | 860 | 04000 | 27 | 25 | 02 | 2 |
| 953 | VALENTIA | 054 | 57 0 | | | 500 | 47 0 | | | 018 | 30**0 | | | 883 | 09**0 | | | 03 | 7 |
| | BLOCK 04 | | | | | | | | | | | | | | | | | | |
| 202 | THULE | 015 | 09048 | 00 | | 457 | 05515 | 35 | 5 | 971 | 52564 | 33 | 12 | 822 | 68763 | 32 | 26 | 03 | 1 |
| 231 | SDR STROMFRD | 008 | | | | 450 | 07542 | 05 | 3 | 966 | 50607 | 15 | 3 | 751 | 69787 | 16 | 7 | 03 | 1 |
| 270 | NARSSARSSUAK | 503 | | | | 441 | 05529 | 09 | 33 | 952 | 53586 | 10 | 40 | 796 | 71816 | | | 03 | 1 |
| | BLOCK 06 | | | | | | | | | | | | | | | | | | |
| 011 | THORSHAVN | 159 | 06047 | | | 485 | 03539 | | | 035 | 53629 | | | 620 | 78787 | | | 03 | 8 |
| 180 | KOBENHAVN | 092 | 12092 | | | 433 | 03011 | | | *** | ***** | | | 578 | 69858 | | | 03 | 8 |
| 260 | DE BILT | 178 | 12089 | | | 518 | 03540 | | | 057 | 58627 | | | 592 | 74864 | | | 03 | 8 |
| 447 | UCCLE | 185 | 11101 | | | 533 | 06021 | | | 090 | 53576 | | | 677 | 68772 | | | 03 | 8 |
| 610 | PAYERNE | 200 | | | | 550 | 07032 | 00 | | 110 | 51556 | 30 | 10 | 775 | 63759 | 32 | 49 | 05 | 5 |
| | BLOCK 07 | | | | | | | | | | | | | | | | | | |
| 110 | BREST | 215 | 13119 | 00 | | 575 | 09033 | 32 | 14 | 151 | 01561 | 30 | 18 | 823 | 60643 | 29 | 28 | 02 | 5 |
| 145 | TRAPPES | 215 | 10091 | | | 570 | 05011 | | | 120 | 58587 | | | 767 | 61704 | | | 02 | 8 |
| 190 | STRASBOURG | 189 | 13124 | | | 530 | 04035 | | | 092 | 54567 | | | 686 | 67774 | | | 02 | 8 |
| 480 | LYON | 186 | | | | 550 | 06026 | | | 115 | 00564 | | | 733 | 64734 | | | 02 | 8 |

# RADIOSONDE AND RAWINSONDE DATA—Continued

| Index No. iii | 300 mb. hhh | 300 mb. TTTTT ddx | dd | ff | 200 mb. hhh | 200 mb. TTTTT ddx | dd | ff | 100 mb. hhh | 100 mb. TTTTT ddx | dd | ff | Hour GG | Code Type |
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| 47 | | | | | | | | | | | | | | |
| 401 | 128 | 85996 | | | 024 | 01990 | | | | | | | 03 | 1 |
| 412 | 109 | 80887 | | | 014 | 01998 | | | | | | | 03 | 1 |
| 580 | 192 | 76797 | 28 | 54 | 114 | 97996 | | | 551 | 11995 | | | 03 | 1 |
| 590 | 179 | 79885 | | | 090 | 02995 | | | 504 | 15990 | | | 03 | 1 |
| 635 | 219 | 76993 | 36 | 11 | 140 | 97999 | | | | | | | 03 | 1 |
| 646 | 193 | 77997 | | | 120 | 98990 | | | 559 | 10992 | | | 03 | 1 |
| 671 | 175 | 81991 | 03 | 6 | 083 | 99992 | 06 | 20 | | | | | 04 | 1 |
| 744 | 179 | 74841 | | | 307 | 94991 | | | 563 | 07990 | | | 03 | 1 |
| 778 | 229 | 73855 | | | 416 | 95994 | | | 607 | 13999 | | | 03 | 1 |
| 808 | 101 | 42 | | | | | | | | | | | 03 | 1 |
| 827 | 142 | 81885 | | | 023 | 05999 | | | | | | | 03 | 1 |
| 60 | | | | | | | | | | | | | | |
| 120 | 101 | 43 | | | | | | | | | | | 03 | 6 |
| 155 | 966 | 86047 | | | | | | | | | | | 02 | 5 |
| 390 | 956 | 88052 | | | 225 | 06110 | | | | | | | 02 | 5 |
| 61 | | | | | | | | | | | | | | |
| 642 | 975 | 80997 | 10 | 24 | 250 | 02 1 | 11 | 24 | | | | | 07 | 5 |
| 62 | | | | | | | | | | | | | | |
| 011 | 101 | 50 | | | | | | | | | | | 03 | 5 |
| 053 | 211 | 83470 | | | 132 | 45 0 | | | | | | | 02 | 7 |
| 366 | 101 | 43 | | | | | | | | | | | 03 | 5 |
| 70 | | | | | | | | | | | | | | |
| 026 | 038 | 94993 | 04 | 16 | 910 | 98991 | 03 | 6 | | | | | 03 | 1 |
| 219 | | | | | | | | | | | | | | |
| 231 | | | | | | | | | | | | | | |
| 261 | 037 | 91992 | 29 | 28 | 902 | 01997 | 26 | 20 | | | | | 03 | 1 |
| 273 | | | | | | | | | | | | | | |
| 291 | 049 | 91997 | 31 | 33 | 918 | 02998 | | | 416 | 96999 | | | 03 | 1 |
| 350 | | | | | | | | | | | | | | |
| 361 | | | | | | | | | | | | | | |
| 381 | | | | | | | | | | | | | | |
| 398 | | | | | | | | | | | | | | |
| 409 | | | | | | | | | | | | | | |
| 439 | | | | | | | | | | | | | | |
| 454 | | | | | | | | | | | | | | |
| 485 | 101 | 43 | | | | | | | | | | | 03 | 1 |
| 72 | | | | | | | | | | | | | | |
| 202 | 101 | 50 | | | | | | | | | | | 03 | 1 |
| 208 | 182 | 82934 | 13 | 7 | 078 | 03998 | 34 | 16 | 470 | 16999 | 10 | 5 | 03 | 1 |
| 211 | 185 | 83875 | | | 069 | 08991 | | | | | | | 03 | 1 |
| 219 | 181 | 82996 | | | 076 | 03999 | | | 470 | 19993 | | | 03 | 1 |
| 231 | 184 | 83897 | 26 | 12 | 078 | 03994 | 36 | 18 | | | | | 03 | 1 |
| 240 | 193 | 82893 | | | 089 | 03996 | | | 472 | 21996 | | | 03 | 1 |
| 250 | 185 | 81899 | 24 | 7 | 087 | 03992 | 03 | 14 | 456 | 23995 | 09 | 23 | 03 | 1 |
| 253 | 198 | 81901 | 09 | 19 | 098 | 03991 | 04 | 5 | 490 | ***** | | | 03 | 1 |
| 265 | 190 | 83998 | 28 | 4 | 081 | 04992 | 01 | 33 | 457 | 20999 | 07 | 12 | 04 | 1 |
| 270 | 203 | 81931 | | | 103 | 02998 | | | | | | | 03 | 1 |
| 278 | 193 | 81941 | | | 092 | 03990 | | | | | | | 03 | 1 |
| 304 | 172 | 85972 | 16 | 21 | 056 | 06997 | 36 | 5 | 446 | ***** | | | 03 | 1 |
| 317 | 180 | 83998 | 23 | 17 | 070 | 05997 | 26 | 27 | | | | | 03 | 1 |
| 327 | 162 | 82938 | 05 | 9 | 056 | 03997 | | | | | | | 03 | 1 |
| 340 | 183 | 83998 | 31 | 22 | 074 | 04990 | 28 | 13 | 466 | 19993 | 09 | 14 | 03 | 1 |
| 353 | 189 | 85952 | 30 | 22 | 081 | 04993 | 34 | 26 | 468 | 19993 | 14 | 4 | 03 | 1 |
| 365 | 197 | 81879 | 24 | 12 | 094 | 04990 | 33 | 24 | | | | | 03 | 1 |
| 386 | 176 | 81991 | 25 | 36 | 074 | 03995 | | | | | | | 03 | 1 |
| 394 | 188 | 80993 | 25 | 42 | 095 | 01990 | 24 | 41 | 481 | 25999 | 23 | 63 | 03 | 1 |
| 405 | 170 | 83895 | | | 056 | 07997 | | | 449 | 14995 | | | 03 | 1 |
| 445 | 170 | 84991 | 30 | 24 | 067 | 01997 | 27 | 35 | 473 | ***** | | | 03 | 1 |
| 451 | 193 | 83933 | | | 089 | 02993 | | | | | | | 03 | 1 |
| 476 | 189 | 82881 | 27 | 33 | 089 | 02993 | 28 | 43 | 470 | 18998 | | | 03 | 1 |
| 486 | 161 | 82873 | | | 057 | 03999 | | | 433 | ***** | | | 03 | 1 |
| 493 | 146 | 82994 | 24 | 68 | 044 | 02992 | | | 440 | ***** | | | 03 | 1 |
| 506 | 182 | 82994 | | | 078 | 03997 | | | 472 | 13991 | | | 03 | 1 |
| 518 | 158 | 83901 | | | 046 | 06990 | | | 452 | 14990 | | | 03 | 1 |
| 520 | 163 | 83992 | | | 055 | 03996 | | | | | | | 03 | 1 |
| 528 | 147 | 83990 | | | 035 | 05995 | | | 450 | 15992 | | | 03 | 1 |
| 534 | 148 | 84991 | | | 048 | 01996 | | | | | | | 03 | 1 |
| 536 | 148 | 83999 | | | 042 | 04992 | | | 448 | 14997 | | | 03 | 1 |
| 553 | 158 | 85999 | | | 048 | 02991 | | | 455 | 14996 | | | 03 | 1 |
| 562 | 172 | 85914 | | | 062 | 03990 | | | | | | | 03 | 1 |
| 576 | 155 | 84997 | | | 043 | 04998 | | | 444 | ***** | | | 04 | 1 |
| 597 | 097 | 90990 | 25 | 71 | 974 | 02992 | | | 424 | ***** | | | 03 | 1 |
| 600 | 173 | 82842 | | | 071 | 03990 | | | | | | | 03 | 1 |
| 606 | 101 | 50 | | | | | | | | | | | 03 | 1 |
| 655 | 117 | 88999 | 28 | 44 | 008 | 97994 | | | 455 | 08997 | | | 03 | 1 |
| 662 | 154 | | | | | | | | | | | | 03 | 1 |
| 681 | 113 | 88002 | | | 994 | 02994 | | | 420 | 11998 | | | 03 | 1 |
| 712 | 136 | 84932 | | | | | | | | | | | 03 | 1 |
| 734 | 108 | 84947 | | | 000 | | | | | | | | 03 | 1 |
| 747 | 081 | 90996 | | | 963 | 97997 | | | | | | | 04 | 1 |
| 764 | 121 | 88983 | 29 | 73 | 004 | 01996 | 29 | 44 | | | | | 04 | 1 |
| 768 | 111 | 82990 | | | 030 | | | | | | | | 03 | 1 |
| 775 | 096 | 91994 | | | 961 | 05999 | | | 399 | ***** | | | 03 | 1 |
| 785 | 062 | 92992 | | | 938 | 98997 | | | 425 | 02999 | | | 03 | 1 |
| 798 | 991 | 93993 | 28 | 23 | 893 | 92992 | 27 | 22 | 399 | 00999 | 26 | 7 | 03 | 1 |
| 807 | 101 | 50 | | | | | | | | | | | 03 | 1 |
| 815 | 087 | 88990 | | | | | | | | | | | 03 | 1 |
| 816 | 037 | 89990 | | | 920 | 00993 | | | | | | | 03 | 1 |
| 826 | 078 | 88997 | | | 946 | 10997 | | | 385 | ***** | | | 03 | 1 |
| 836 | 107 | 81877 | | | 000 | 02797 | | | | | | | 03 | 1 |
| 867 | | | | | | | | | | | | | | |
| 879 | 101 | 50 | | | | | | | | | | | 03 | 1 |
| 896 | 011 | 94990 | 10 | 36 | 890 | 98999 | 13 | 70 | | | | | 04 | 1 |
| 906 | 101 | 50 | | | | | | | | | | | 03 | 1 |
| 907 | 048 | 91997 | | | 910 | 06994 | | | 377 | ***** | | | 03 | 1 |
| 913 | 014 | 94998 | 18 | 29 | 888 | 97994 | 22 | 23 | 397 | 98994 | 23 | 12 | 03 | 1 |
| 915 | 993 | 95997 | | | 874 | 96990 | | | 384 | 96998 | | | 03 | 1 |
| 917 | 056 | | | | | | | | | | | | 03 | 1 |
| 918 | 009 | 00990 | | | 866 | 98999 | | | 367 | 96990 | | | 03 | 1 |
| 924 | 038 | 96990 | 03 | 17 | 900 | 00990 | | | 413 | 94995 | 00 | | 03 | 1 |
| 926 | 101 | 59 | | | | | | | | | | | 03 | 1 |
| 934 | 004 | 95994 | | | 906 | 98959 | | | 401 | 97996 | | | 03 | 1 |
| 938 | 057 | 93990 | | | 931 | 98996 | | | 456 | 92951 | | | 02 | 1 |
| 945 | 018 | 97990 | | | 874 | 04998 | | | 350 | 00996 | | | 03 | 1 |
| 964 | 067 | 98991 | 15 | 12 | | 89991 | 33 | 10 | | | | | 03 | 1 |
| 968 | 060 | 89997 | | | 948 | 98998 | | | 484 | 91994 | | | 03 | 1 |
| 74 | | | | | | | | | | | | | | |
| 043 | | | | | | | | | | | | | | |
| 074 | 069 | 73993 | | | 931 | 03995 | | | 431 | 95993 | | | 03 | 1 |
| 090 | 024 | 97999 | 35 | 10 | 885 | 98993 | 05 | 8 | 404 | 94991 | 02 | 8 | 03 | 1 |
| 109 | 033 | 95991 | | | 915 | 95990 | | | 429 | 95998 | | | 03 | 1 |
| 188 | 101 | 50 | | | | | | | | | | | 09 | 1 |
| 76 | | | | | | | | | | | | | | |
| 458 | 184 | 81991 | | | 084 | 03993 | | | 462 | ***** | | | 02 | 1 |
| 491 | 184 | 82113 | | | 080 | 05990 | | | | | | | 02 | 1 |
| 644 | 284 | 87974 | | | 148 | 23994 | | | 961 | 24996 | | | 03 | 1 |
| 679 | 172 | 82921 | | | 080 | 03999 | | | | | | | 03 | 1 |
| 78 | | | | | | | | | | | | | | |
| 016 | 200 | 84994 | 13 | 15 | 090 | 04990 | 15 | 26 | | | | | 03 | 1 |
| 325 | 101 | 43 | | | | | | | | | | | 03 | 1 |
| 355 | 101 | 43 | | | | | | | | | | | 03 | 1 |
| 395 | 169 | 82998 | 02 | 12 | 068 | 02990 | 04 | 24 | | | | | 09 | 1 |
| 501 | 176 | 82924 | | | 074 | 02999 | | | 454 | 23998 | | | 03 | 1 |
| 525 | 101 | 43 | | | | | | | | | | | 03 | 1 |
| 967 | 778 | 82997 | | | | | | | | | | | 03 | 1 |
| 91 | | | | | | | | | | | | | | |
| 066 | 142 | 87994 | | | 042 | 03998 | | | 456 | 12990 | | | 03 | 1 |
| 182 | 169 | 86990 | 28 | 29 | 051 | 06991 | 27 | 66 | 440 | 20996 | 17 | 13 | 03 | 1 |
| 215 | 101 | 50 | | | | | | | | | | | 03 | 1 |
| 245 | 101 | 43 | | | | | | | | | | | 04 | 1 |
| 366 | 185 | 79990 | 10 | 10 | 093 | 99995 | 06 | 11 | | | | | 03 | 1 |
| 413 | 163 | 83990 | | | 063 | 03996 | | | | | | | 03 | 1 |
| 98 | | | | | | | | | | | | | | |
| 327 | 811 | 76991 | 08 | 16 | 136 | 95991 | 08 | 19 | 567 | 20992 | 08 | 27 | 03 | 1 |
| 645 | 183 | 80994 | | | 085 | 03997 | | | 439 | 27997 | | | 03 | 8 |
| QLL | | OCEAN STA | | | | | | | | | | | | |
| 034 | 159 | 88990 | 33 | 25 | 034 | 08995 | 34 | 27 | 432 | 14990 | 29 | 22 | 03 | 9 |
| 035 | 195 | 82954 | 33 | 18 | 098 | 05992 | | | 459 | ***** | | | 04 | 9 |
| 037 | 200 | 85990 | | | | | | | | | | | 04 | 9 |
| 041 | 101 | 50 | | | | | | | | | | | 02 | 8 |
| 044 | 116 | 88967 | 33 | 33 | 990 | 09996 | | | 411 | 07990 | | | 03 | 9 |
| 051 | 087 | 61550 | 26 | 61 | 959 | 30 0 | 26 | 72 | 556 | 38**0 | 30 | 24 | 02 | 2 |
| 053 | 068 | 90991 | 27 | 30 | 937 | | | | | | | | 03 | 9 |
| 055 | 909 | 85995 | 01 | 16 | 832 | 90991 | | | | | | | 03 | 9 |
| 062 | 036 | 49 0 | | | 892 | 37 0 | | | *** | 42**0 | | | 03 | 7 |
| 063 | 013 | 97996 | 18 | 14 | 874 | 01995 | | | 364 | 98991 | | | 03 | 9 |
| 134 | 169 | 84993 | | | 063 | 03992 | | | 451 | 18998 | | | 03 | 9 |
| 144 | 154 | 88923 | | | 026 | 10992 | | | | | | | 03 | 9 |
| 223 | 175 | 73 | | | 113 | 92 | | | 582 | 07*** | | | 03 | 1 |
| 235 | | | | | 054 | 02 | | | | | | | 03 | 1 |
| 246 | 156 | 78856 | | | 070 | 98990 | | | 519 | 06990 | | | 03 | 9 |
| 360 | 895 | 04996 | 27 | 18 | 158 | 97990 | 27 | 19 | | | | | 03 | 5 |
| JULY 20 | | | | | | | | | | | | | | |
| 01 | | | | | | | | | | | | | | |
| 001 | 900 | 97997 | | | 169 | 93990 | | | | | | | 03 | 8 |
| 030 | 890 | 04 6 | | | 154 | 94 5 | | | | | | | 03 | 8 |
| 384 | 920 | 98994 | | | 182 | 99994 | | | | | | | 03 | 5 |
| 415 | 915 | 99992 | | | 180 | 97995 | | | | | | | 03 | 8 |
| 02 | | | | | | | | | | | | | | |
| 057 | 909 | 01997 | | | 172 | 96990 | | | | | | | 03 | 8 |
| 077 | 930 | 98995 | 22 | 49 | 194 | 00990 | 22 | 23 | 658 | 92999 | | | 03 | 5 |
| 084 | 913 | 97997 | | | 176 | 00990 | | | 631 | 00990 | | | 03 | 8 |
| 974 | 101 | 50 | | | | | | | | | | | 03 | 2 |
| 03 | | | | | | | | | | | | | | |
| 005 | 039 | 53 0 | 35 | 37 | | | | | | | | | 02 | 2 |
| 026 | 051 | 55 0 | 28 | 57 | | | | | | | | | 02 | 2 |
| 171 | 060 | 61430 | | | 932 | 29 0 | | | | | | | 02 | 7 |
| 476 | 070 | 60460 | | | | | | | | | | | 02 | 2 |
| 743 | 997 | 63550 | 29 | 75 | | 29 0 | 29 | 74 | 417 | 37**0 | 31 | 10 | 02 | 2 |
| 808 | 127 | 66430 | 28 | 54 | | | | | | | | | 02 | 2 |
| 917 | 101 | 43 | | | | | | | | | | | 02 | 2 |
| 953 | 092 | 59 0 | | | 952 | 23 0 | | | | | | | 03 | 7 |
| 04 | | | | | | | | | | | | | | |
| 202 | 008 | 93999 | 33 | 22 | 874 | | | | | | | | 03 | 1 |
| 231 | 996 | 95992 | 09 | 6 | 864 | 98992 | | | 389 | 94007 | | | 03 | 1 |
| 270 | 950 | 03990 | | | 835 | 93994 | | | 355 | ***** | | | 03 | 1 |
| 06 | | | | | | | | | | | | | | |
| 011 | 919 | 98997 | | | 178 | 04991 | | | 629 | 00993 | | | 03 | 8 |
| 180 | 918 | 95990 | | | 185 | 95991 | | | | | | | 03 | 8 |
| 260 | 101 | 43 | | | | | | | | | | | 03 | 8 |
| 447 | 101 | 43 | | | | | | | | | | | 03 | 8 |
| 610 | 455 | 85942 | | | 160 | 02 7 | | | | | | | 05 | 5 |
| 07 | | | | | | | | | | | | | | |
| 110 | 958 | 86935 | 28 | 50 | 285 | 09 1 | 28 | 34 | 657 | 09**0 | 29 | 45 | 02 | 5 |
| 145 | 949 | 85958 | | | 217 | 08 1 | | | | | | | 02 | 8 |
| 190 | 932 | 89007 | | | 200 | 00 4 | | | | | | | 02 | 8 |
| 480 | 973 | 88965 | | | 210 | 07 4 | | | | | | | 02 | 8 |

# RADIOSONDE AND RAWINSONDE DATA
## SIGNIFICANT LEVELS

| Index No. iii | 1st. 5th. etc. Level PPP | TTTTT ddx | 2nd. 6th. etc. Level PPP | TTTTT ddx | 3rd. 7th. etc. Level PPP | TTTTT ddx | 4th. 8th. etc. Level PPP | TTTTT ddx | Hour GG | Code Type |
|---|---|---|---|---|---|---|---|---|---|---|
| 47 | | | | | | | | | | |
| 401 | 007 | 24187 | 083 | 21147 | 905 | 20111 | 776 | 11021 | 03 | 1 |
| 412 | 007 | 24221 | 936 | 13104 | 881 | 11083 | 808 | 10096 | 03 | 1 |
| 580 | 005 | 28247 | 982 | 25224 | 955 | 25204 | 800 | 15146 | 03 | 1 |
| 590 | 005 | 29221 | 985 | 30245 | 925 | 27206 | 600 | 03561 | 03 | 1 |
| 635 | 011 | 30233 | 772 | 14134 | 529 | 00634 | 400 | 61764 | 03 | 1 |
| 646 | 008 | 32267 | 965 | 26229 | 893 | 22182 | 800 | 18104 | 03 | 1 |
| 671 | 010 | 30252 | 980 | 24215 | 865 | 20148 | 803 | 15066 | 04 | 1 |
| 744 | 007 | 23234 | 933 | 22202 | 806 | 16145 | 760 | 15136 | 03 | 1 |
| 778 | 004 | 26223 | 921 | 22221 | 779 | 15154 | 603 | 07003 | 03 | 1 |
| 808 | | | | | | | | | | |
| 827 | 009 | 28236 | 915 | 15125 | 773 | 11063 | 549 | 54587 | 03 | 1 |
| 60 | | | | | | | | | | |
| 120 | 019 | 16149 | 920 | 20990 | 670 | 06990 | 600 | 51604 | 03 | 6 |
| 155 | 014 | 16175 | 966 | 15143 | 940 | 23133 | 900 | 26108 | 02 | 5 |
| 390 | 018 | 19172 | 989 | 18189 | 969 | 17157 | 941 | 17125 | 02 | 5 |
| 61 | | | | | | | | | | |
| 642 | 008 | 25237 | 925 | 20186 | 903 | 20185 | 782 | 14109 | 07 | 5 |
| 62 | | | | | | | | | | |
| 011 | 013 | 23102 | 982 | 29085 | 944 | 31661 | 808 | 22533 | 03 | 5 |
| 053 | 998 | 67590 | 951 | 83570 | | | 590 | 39970 | 02 | 7 |
| 366 | 998 | 22205 | 956 | 19197 | 926 | 23084 | 882 | 23012 | 03 | 5 |
| 70 | | | | | | | | | | |
| 026 | 016 | 02025 | 994 | 01011 | 985 | 05046 | 962 | 06043 | 03 | 1 |
| 219 | | 10082 | 757 | 54551 | | 56570 | 565 | 63652 | 03 | 1 |
| 231 | 993 | 11117 | 400 | 76799 | | | | | 03 | 1 |
| 261 | 988 | 17121 | 980 | 19124 | 923 | 17128 | 785 | 00007 | 03 | 1 |
| 273 | 007 | 11093 | 400 | 75837 | | | | | 03 | 1 |
| 291 | 946 | 23078 | 727 | 01516 | 660 | 54571 | 568 | 60733 | 03 | 1 |
| 350 | 007 | 40095 | 917 | 07065 | 794 | 06033 | 762 | 05594 | 03 | 1 |
| 361 | 015 | 13083 | 884 | 03009 | 870 | 07035 | 580 | 59741 | 03 | 1 |
| 381 | 012 | 17092 | 766 | 03537 | 400 | 76889 | | | 03 | 1 |
| 398 | 007 | 19073 | 836 | 06027 | 674 | 52642 | 645 | 55641 | 03 | 1 |
| 409 | 008 | 07077 | 940 | 04040 | 885 | 60604 | 680 | 51513 | 03 | 1 |
| 439 | 010 | 08075 | 922 | 04022 | 896 | 09002 | 845 | 09562 | 03 | 1 |
| 454 | 018 | 09072 | 928 | 05058 | 900 | 09032 | 825 | 08556 | 03 | 1 |
| 485 | | | | | | | | | | |
| 72 | | | | | | | | | | |
| 202 | 019 | 23222 | 982 | 24185 | 636 | 01524 | 554 | 52996 | 03 | 1 |
| 208 | 018 | 23237 | 608 | 01525 | 405 | 68751 | 390 | 69749 | 03 | 1 |
| 211 | 018 | 23228 | 400 | 67714 | 268 | 89939 | 164 | 18992 | 03 | 1 |
| 219 | 984 | 23213 | 944 | 22206 | 555 | 52563 | 519 | 55704 | 03 | 1 |
| 231 | 017 | 23220 | 822 | 5221 | 585 | 2582* | 478 | 59768 | 03 | 1 |
| 240 | 014 | 26246 | 785 | 15095 | 731 | 12028 | 624 | 03524 | 03 | 1 |
| 250 | 011 | 28251 | 950 | 24221 | 901 | 24133 | 462 | 60693 | 03 | 1 |
| 253 | 985 | 28234 | 975 | 28228 | 855 | 19178 | 757 | 15015 | 03 | 1 |
| 265 | 925 | 29132 | 920 | 31133 | 770 | 18071 | 745 | 17531 | 04 | 1 |
| 270 | 878 | 32121 | 868 | 33108 | 520 | 54584 | 467 | 59682 | 03 | 1 |
| 278 | 968 | 35171 | 606 | 04515 | 550 | 51606 | 524 | 54606 | 03 | 1 |
| 304 | 020 | 26244 | 747 | 10032 | 640 | 04706 | 591 | 50995 | 03 | 1 |
| 317 | 987 | 21218 | 936 | 21194 | 778 | 13082 | 628 | 03004 | 03 | 1 |
| 327 | 994 | 24222 | 968 | 24208 | 633 | 02669 | 530 | 55665 | 03 | 1 |
| 340 | 005 | 27232 | 995 | 29232 | 904 | 22184 | 819 | 16084 | 03 | 1 |
| 353 | 966 | 29187 | 782 | 20071 | 647 | 08001 | 687 | 06597 | 03 | 1 |
| 365 | 840 | 28184 | 628 | 03005 | 586 | 01001 | 400 | 65709 | 03 | 1 |
| 386 | 930 | 37034 | 640 | 06525 | 614 | 05589 | 441 | 63756 | 03 | 1 |
| 394 | 004 | 14116 | 956 | 16115 | 940 | 23581 | 914 | 25995 | 03 | 1 |
| 405 | 013 | 25237 | 423 | 66681 | 400 | 68738 | 360 | 73815 | 03 | 1 |
| 445 | 983 | 26237 | 947 | 27208 | 818 | 17154 | 762 | 17072 | 03 | 1 |
| 451 | 982 | 29154 | 914 | 30174 | 420 | 66733 | 400 | 69802 | 03 | 1 |
| 476 | 850 | 25106 | 841 | 27095 | 733 | 20027 | 596 | 05524 | 03 | 1 |
| 486 | 808 | 24052 | 400 | 70734 | 265 | 89964 | 132 | 20998 | 03 | 1 |
| 493 | 011 | 15112 | 981 | 13061 | 972 | 17003 | 925 | 20576 | 03 | 1 |
| 506 | 014 | 21203 | 880 | 21219 | 973 | 24222 | 592 | 01551 | 03 | 1 |
| 518 | 002 | 23218 | 959 | 21175 | 944 | 22185 | 613 | 00527 | 03 | 1 |
| 520 | 971 | 21198 | 952 | 22149 | 747 | 09057 | 574 | 50596 | 03 | 1 |
| 528 | 987 | 19189 | 964 | 21191 | 629 | 02621 | 592 | 51581 | 03 | 1 |
| 534 | 989 | 25207 | 965 | 26207 | 865 | 19155 | 790 | 16506 | 03 | 1 |
| 536 | 998 | 25201 | 960 | 26192 | 843 | 17132 | 643 | 03532 | 03 | 1 |
| 553 | 975 | 25167 | 958 | 28122 | 910 | 24108 | 898 | 24029 | 03 | 1 |
| 562 | 917 | 25151 | 906 | 27094 | 762 | 13026 | 749 | 14571 | 03 | 1 |
| 576 | 829 | 20083 | 774 | 18002 | 510 | 57614 | 400 | 69743 | 04 | 1 |
| 597 | 967 | 21072 | 771 | 04006 | 755 | 03512 | 695 | 04672 | 03 | 1 |
| 600 | 014 | 16165 | 940 | 19195 | 905 | 18175 | 891 | 18147 | 03 | 1 |
| 606 | 008 | 20201 | 980 | 22204 | 810 | 14086 | 513 | 55597 | 03 | 1 |
| 655 | 973 | 18137 | 963 | 20146 | 810 | 08054 | 756 | 05012 | 03 | 1 |
| 662 | 903 | 19097 | 900 | 23088 | 886 | 23079 | 765 | 12049 | 03 | 1 |
| 681 | 906 | 28061 | 897 | 29007 | 443 | 69736 | 425 | 70862 | 03 | 1 |
| 712 | 988 | 18184 | 625 | 00531 | 572 | 51551 | 400 | 68769 | 03 | 1 |
| 734 | 979 | 19185 | 962 | 18168 | 930 | 20176 | 774 | 10070 | 03 | 1 |
| 747 | 966 | 15107 | 815 | 05058 | 617 | 52696 | 604 | 53660 | 04 | 1 |
| 764 | 954 | 16103 | 944 | 17119 | 798 | 08028 | 782 | 11545 | 04 | 1 |
| 768 | 937 | 21105 | 786 | 08025 | 628 | 01683 | 617 | 00603 | 03 | 1 |
| 775 | 881 | 23095 | 600 | 53564 | 538 | 59621 | 511 | 60729 | 03 | 1 |
| 785 | 924 | 25030 | 638 | 51607 | 548 | 60784 | 445 | 73821 | 03 | 1 |
| 798 | 010 | 11115 | 400 | 85911 | 370 | 89958 | 339 | 94995 | 03 | 1 |
| 807 | 010 | 12119 | 940 | 19163 | 870 | 17*** | 604 | 52648 | 03 | 1 |
| 815 | 010 | 16153 | 821 | 09059 | 611 | 54540 | 585 | 56565 | 03 | 1 |
| 816 | 004 | 13043 | 856 | 03015 | 818 | 03015 | 590 | 59701 | 03 | 1 |
| 826 | 949 | 09035 | 920 | 10534 | 836 | 07639 | 783 | 06013 | 03 | 1 |
| 836 | 000 | 20143 | 947 | 21146 | 745 | 07054 | 632 | 00505 | 03 | 1 |
| 867 | 983 | 09057 | 860 | 00527 | 840 | 03521 | 793 | 03538 | 03 | 1 |
| 879 | 935 | 16105 | 668 | 52548 | 652 | 51560 | 624 | 51668 | 03 | 1 |
| 896 | 931 | 10086 | 540 | 64659 | 452 | 74811 | 400 | 80864 | 03 | 1 |
| 906 | 012 | 05029 | 900 | 01007 | 885 | 03013 | 703 | 52661 | 03 | 1 |
| 907 | 013 | 07046 | 959 | 09049 | 911 | 06026 | 779 | 01595 | 03 | 1 |
| 913 | 019 | 05045 | 957 | 05016 | 913 | | 800 | 53575 | 03 | 1 |
| 915 | 014 | 07058 | 940 | 01006 | 910 | 01017 | 833 | 52532 | 03 | 1 |
| 917 | 023 | 04003 | 908 | 01516 | 836 | 04562 | 754 | 00582 | 03 | 1 |
| 918 | 019 | 09035 | 907 | 07568 | 888 | 07647 | 795 | 02641 | 03 | 1 |
| 924 | 022 | 08031 | 990 | 03518 | 915 | 07534 | 833 | 04007 | 03 | 1 |
| 926 | | | | | | | | | | |
| 934 | 992 | 16121 | 960 | 15115 | 685 | 54554 | 604 | 59757 | 03 | 1 |
| 938 | 024 | 06043 | 157 | 02014 | 939 | 06042 | 909 | 07027 | 02 | 1 |
| 945 | 970 | 18113 | 941 | 14055 | 726 | 54585 | 677 | 55625 | 03 | 1 |
| 964 | 931 | 18095 | 695 | 50511 | 688 | 01503 | 674 | 01581 | 03 | 1 |
| 968 | 014 | 09082 | 994 | 09055 | 966 | 09042 | 950 | 09034 | 03 | 1 |
| 74 | | | | | | | | | | |
| 043 | 005 | 22081 | 920 | 16031 | 858 | 12056 | 837 | 12571 | 03 | 1 |
| 074 | 024 | 01003 | 980 | 51521 | 955 | 05051 | 773 | 02675 | 03 | 1 |
| 090 | 019 | 04504 | 950 | 07038 | 825 | 05574 | 584 | 61768 | 03 | 1 |
| 109 | 010 | 13102 | 909 | 06029 | 894 | 06029 | 824 | 03503 | 03 | 1 |
| 188 | 008 | 10047 | 960 | 11504 | 890 | 08573 | 786 | 04566 | 09 | 1 |
| 76 | | | | | | | | | | |
| 458 | 008 | 20234 | 889 | 23135 | 737 | 13036 | 670 | 09014 | 02 | 1 |
| 491 | 972 | 30215 | 644 | 06582 | 599 | 02529 | 578 | 01629 | 02 | 1 |
| 644 | 012 | 28231 | 967 | 27181 | 908 | 22176 | 819 | 17056 | 03 | 1 |
| 679 | 774 | 15118 | 738 | 13099 | 655 | 06541 | 515 | 51565 | 03 | 1 |
| 78 | | | | | | | | | | |
| 016 | 024 | 25222 | 770 | 13023 | 714 | 12612 | 520 | 54990 | 03 | 1 |
| 325 | 013 | 22217 | 988 | 24196 | 621 | 01561 | 569 | 51538 | 03 | 1 |
| 355 | 004 | 24239 | 991 | 25191 | 949 | 23193 | 908 | 22159 | 03 | 1 |
| 395 | 012 | 22217 | 810 | 15073 | 788 | 15043 | 762 | 12576 | 09 | 1 |
| 501 | 015 | 27241 | 939 | 22201 | 808 | 15041 | 659 | 03569 | 03 | 1 |
| 525 | 016 | 26231 | 950 | 22192 | | | | | 03 | 1 |
| 967 | 816 | 24220 | 762 | 12062 | 630 | 07536 | 592 | 02991 | 03 | 1 |
| 91 | | | | | | | | | | |
| 066 | 019 | 26199 | 962 | 19166 | 754 | 08037 | 598 | 51684 | 03 | 1 |
| 182 | 016 | 27163 | 912 | 16118 | 730 | 07563 | 728 | 10564 | 03 | 1 |
| 215 | 001 | 29244 | 883 | 20182 | 765 | 14090 | 590 | 02009 | 03 | 1 |
| 245 | 013 | 28234 | 790 | 14114 | 760 | 13064 | 674 | 07529 | 04 | 1 |
| 366 | | | 945 | 25216 | 825 | 17084 | 708 | 10054 | 03 | 1 |
| 413 | 006 | 30343 | 400 | 66731 | 335 | 78990 | 110 | | 03 | 1 |
| 98 | | | | | | | | | | |
| 327 | 990 | 31237 | 840 | 19158 | 730 | 13068 | 595 | 03002 | 03 | 1 |
| 645 | 004 | 29231 | 944 | 23204 | 800 | 16131 | 775 | 12105 | 03 | 8 |
| QLL | | OCEAN | STA | | | | | | | |
| 034 | 014 | 24203 | 989 | 14137 | 835 | 13139 | 808 | 09081 | 03 | 9 |
| 035 | 020 | 23175 | 895 | 13107 | 881 | 16629 | 856 | 18990 | 04 | 9 |
| 037 | 022 | 26231 | 930 | 20172 | 813 | 15023 | 793 | 15511 | 04 | 9 |
| 041 | 028 | 18158 | 020 | 18151 | 970 | 12113 | 875 | 07066 | 02 | 8 |
| 044 | 014 | 15141 | 978 | 15070 | 965 | 16132 | 946 | 17128 | 03 | 9 |
| 051 | 024 | 57470 | 892 | 40340 | 854 | 47280 | 612 | 19030 | 02 | 2 |
| 053 | 007 | 11119 | 678 | 51522 | 650 | 00543 | 400 | 75792 | 03 | 9 |
| 055 | 999 | 07062 | 986 | 05013 | 908 | 50537 | 808 | 54619 | 03 | 9 |
| 062 | 021 | 53490 | 810 | 34340 | 785 | 34340 | 270 | 38**0 | 03 | 7 |
| 063 | 015 | 08087 | 545 | 65676 | 400 | 81923 | 347 | 89007 | 03 | 9 |
| 134 | 022 | 19154 | 868 | 08072 | 838 | 16011 | 755 | 11606 | 03 | 9 |
| 144 | 024 | 13126 | 017 | 13109 | 005 | 16157 | 822 | 13083 | 03 | 9 |
| 223 | 013 | 25 | 972 | 21 | 933 | 19*** | 815 | 15*** | 03 | 1 |
| 235 | 017 | 21 | 965 | 16 | 928 | 14*** | 877 | 16*** | 03 | 1 |
| 246 | 012 | 13121 | 810 | 12111 | 595 | 00991 | 550 | 51995 | 03 | 9 |
| 360 | 013 | 09062 | 930 | 00511 | 908 | 02012 | 878 | 02001 | 03 | 5 |
| JULY 20 | | | | | | | | | | |
| 01 | | | | | | | | | | |
| 001 | 009 | 03012 | 950 | 50514 | 895 | 02551 | 810 | 51688 | 03 | 8 |
| 030 | 011 | 07057 | 707 | 64643 | 685 | 61625 | 672 | 61647 | 03 | 8 |
| 384 | 986 | 11084 | 911 | 06057 | 860 | 08081 | 823 | 05051 | 03 | 5 |
| 415 | 012 | 10085 | 966 | 07056 | 913 | 08084 | 400 | 84863 | 03 | 8 |
| 02 | | | | | | | | | | |
| 057 | 010 | 12109 | 974 | 11104 | 919 | 08062 | 845 | 04014 | 03 | 8 |
| 077 | 008 | 14121 | 939 | 14033 | 650 | 55581 | 522 | 63696 | 03 | 5 |
| 084 | 008 | 14107 | 883 | 06053 | 840 | 06042 | 755 | 00527 | 03 | 8 |
| 974 | 007 | 09071 | 982 | 11089 | 969 | 11073 | 955 | 12074 | 03 | 2 |
| 03 | | | | | | | | | | |
| 005 | 010 | 42410 | | | | | | | 02 | 2 |
| 026 | 019 | 47450 | | | | | | | 02 | 2 |
| 171 | 021 | 46450 | 990 | 53520 | 788 | 30300 | 764 | 33250 | 02 | 7 |
| 476 | 018 | 48460 | | | | | | | 02 | 2 |
| 743 | 008 | 50460 | | | | | | | 02 | 2 |
| 808 | 015 | 55640 | | | | | | | 02 | 2 |
| 917 | 014 | 54480 | | | | | | | 02 | 2 |
| 953 | 018 | 59 0 | 925 | 50 0 | 900 | 51**0 | 794 | 42**0 | 03 | 7 |
| 04 | | | | | | | | | | |
| 202 | 001 | 09038 | 970 | 12085 | 795 | 02554 | 779 | 03533 | 03 | 1 |
| 231 | 998 | 07017 | 947 | 11039 | 810 | 05575 | 731 | 01631 | 03 | 1 |
| 270 | 998 | 13014 | 932 | 12515 | 776 | 50559 | 738 | 50569 | 03 | 1 |
| 06 | | | | | | | | | | |
| 011 | 017 | 07043 | 940 | 03011 | 881 | 04519 | 726 | 53625 | 03 | 8 |
| 180 | 020 | 12078 | 833 | 11010 | 814 | 04**0 | | | 03 | 8 |
| 260 | 021 | 09094 | 016 | 12109 | 996 | 12087 | 942 | 08043 | 03 | 8 |
| 447 | 010 | 10092 | 963 | 13127 | 734 | 53553 | 706 | 53563 | 03 | 8 |
| 610 | 964 | 09099 | 925 | 12113 | 745 | 51512 | 707 | 51541 | 05 | 5 |
| 07 | | | | | | | | | | |
| 110 | 101 | 12114 | 100 | 13119 | 957 | 12094 | 925 | 10061 | 02 | 5 |
| 145 | 005 | 07065 | 996 | 12105 | 987 | 12085 | 920 | 10022 | 02 | 8 |
| 190 | 004 | 13125 | 960 | 12105 | 884 | 07061 | 822 | 02015 | 02 | 8 |
| 480 | 999 | 14083 | 972 | 14127 | 780 | 01531 | 741 | 02534 | 02 | 8 |

# RADIOSONDE AND RAWINSONDE DATA
## SIGNIFICANT LEVELS

| Index No. iii | 1st. 5th. etc. Level PPP | TTTTT ddx | 2nd. 6th. etc. Level PPP | TTTTT ddx | 3rd. 7th. etc. Level PPP | TTTTT ddx | 4th. 8th. etc. Level PPP | TTTTT ddx | Hour GG | Code Type |
|---|---|---|---|---|---|---|---|---|---|---|
| 47 | | | | | | | | | | |
| 401 | 663 | 04580 | 383 | 74863 | 243 | | 221 | 98995 | 03 | 1 |
| 412 | 756 | 07062 | 581 | 52532 | 451 | 62681 | 400 | 69741 | 03 | 1 |
| 580 | 525 | 53541 | 400 | 64695 | 250 | 86910 | 182 | 02992 | 03 | 1 |
| 590 | 400 | 65736 | 269 | 73921 | 227 | 92993 | 171 | 08994 | 03 | 1 |
| 635 | 254 | 84994 | 101 | 56 | | | | | 03 | 1 |
| 646 | 387 | 66764 | 337 | 75833 | 227 | 90992 | 172 | 06990 | 03 | 1 |
| 671 | 694 | 10023 | 636 | 04501 | 555 | 53603 | 531 | 53713 | 04 | 1 |
| 744 | 667 | 12065 | 547 | 03524 | 400 | 61729 | 333 | 69817 | 03 | 1 |
| 778 | 403 | 58687 | 349 | 65762 | 243 | 84967 | 163 | 05990 | 03 | 1 |
| 808 | | | | | | | | | | |
| 827 | 535 | 54571 | 400 | 65837 | 236 | 96990 | 148 | 15999 | 03 | 1 |
| 60 | | | | | | | | | | |
| 120 | 512 | 62673 | 475 | 63995 | 400 | 72991 | | | 03 | 6 |
| 155 | 795 | 20002 | 750 | 15348 | 724 | 13577 | 700 | 10616 | 02 | 5 |
| 390 | 936 | 18129 | 897 | 18097 | 866 | 17051 | 795 | 12521 | 02 | 5 |
| 61 | | | | | | | | | | |
| 642 | 689 | 07542 | 660 | 04991 | 600 | 01994 | 575 | 51994 | 07 | 5 |
| 62 | | | | | | | | | | |
| 011 | 745 | 15009 | 694 | 11572 | 620 | 02578 | 538 | 56717 | 03 | 5 |
| 053 | 483 | 878 | | | | | | | 02 | 7 |
| 366 | 780 | 13004 | 770 | 15631 | 640 | 10**7 | 534 | 00**4 | 03 | 5 |
| 70 | | | | | | | | | | |
| 026 | 800 | 02556 | 756 | 02732 | 608 | 56807 | 400 | 79994 | 03 | 1 |
| 219 | 400 | 82897 | | | | | | | 03 | 1 |
| 231 | | | | | | | | | | |
| 261 | 400 | 79857 | 315 | 86951 | 225 | 07993 | 140 | 97995 | 03 | 1 |
| 273 | | | | | | | | | | |
| 291 | 400 | 79913 | 378 | 80990 | 310 | 90990 | 223 | 05992 | 03 | 1 |
| 350 | 649 | 54671 | 552 | 61744 | 400 | 77997 | | | 03 | 1 |
| 361 | | | | | | | | | | |
| 381 | | | | | | | | | | |
| 398 | | | | | | | | | | |
| 409 | 550 | 00506 | 101 | 55 | | | | | 03 | 1 |
| 439 | 810 | 09001 | 754 | 06682 | 624 | 00512 | 575 | 52611 | 03 | 1 |
| 454 | 600 | 55634 | 574 | 53552 | 400 | 69742 | | | 03 | 1 |
| 485 | | | | | | | | | | |
| 72 | | | | | | | | | | |
| 202 | 101 | 69 | 554 | 10156 | | | | | 03 | 1 |
| 208 | 285 | 85971 | 267 | 88997 | 142 | 17994 | 128 | 14991 | 03 | 1 |
| 211 | 158 | 15991 | 139 | 18994 | | | | | 03 | 1 |
| 219 | 446 | 62724 | 418 | 65808 | 400 | 68783 | 317 | 79918 | 03 | 1 |
| 231 | 425 | 64692 | 400 | 67724 | 362 | 73765 | 272 | 88959 | 03 | 1 |
| 240 | 595 | 02584 | 572 | 00573 | 535 | 52685 | 472 | 59744 | 03 | 1 |
| 250 | 423 | 65693 | 400 | 67736 | 345 | 75785 | 291 | 83923 | 03 | 1 |
| 253 | 640 | 06511 | 590 | 03646 | 435 | 63996 | 400 | 66990 | 03 | 1 |
| 265 | 690 | 13574 | 665 | 10006 | 611 | 04526 | 555 | 00633 | 04 | 1 |
| 270 | 400 | 65753 | 388 | 66828 | 255 | 90962 | 138 | 19990 | 03 | 1 |
| 278 | 435 | 62717 | 400 | 66781 | 348 | 73810 | 258 | 89005 | 03 | 1 |
| 304 | 539 | 54767 | 400 | 69843 | 283 | 88001 | 164 | 14994 | 03 | 1 |
| 317 | 498 | 56598 | 407 | 67701 | 101 | 68*** | 078 | 63*** | 03 | 1 |
| 327 | 466 | 62775 | 400 | 69994 | 385 | 70847 | 330 | 80852 | 03 | 1 |
| 340 | 788 | 15557 | 763 | 14054 | 549 | 54704 | 400 | 66991 | 03 | 1 |
| 353 | 567 | 00602 | 400 | 68793 | 265 | 90002 | 176 | 10993 | 03 | 1 |
| 365 | 258 | 90962 | 180 | 08997 | | | | | 03 | 1 |
| 386 | 405 | 68822 | 397 | 67846 | 153 | 15999 | | | 03 | 1 |
| 394 | 874 | 24536 | 810 | 21562 | 783 | 19995 | 755 | 17595 | 03 | 1 |
| 405 | 279 | 88924 | 181 | 12997 | 108 | 15998 | 062 | 09990 | 03 | 1 |
| 445 | 540 | 55595 | 510 | 59675 | 400 | 68992 | 264 | 90990 | 03 | 1 |
| 451 | 380 | 71853 | 258 | 90000 | 214 | 00999 | 136 | 09997 | 03 | 1 |
| 476 | 530 | 53999 | 501 | 55589 | 400 | 67702 | 255 | 89969 | 03 | 1 |
| 486 | 117 | 21996 | 103 | 19990 | | | | | 03 | 1 |
| 493 | 662 | 06659 | 400 | 70994 | 136 | 18992 | 120 | 16998 | 03 | 1 |
| 506 | 572 | 00602 | 532 | 51649 | 520 | 52623 | 514 | 54646 | 03 | 1 |
| 518 | 462 | 60991 | 423 | 65704 | 400 | 68722 | 270 | 89951 | 03 | 1 |
| 520 | 550 | 52699 | 485 | 60772 | 400 | 69833 | 376 | 71863 | 03 | 1 |
| 528 | 498 | 58768 | 400 | 69995 | 340 | 77996 | 328 | 77994 | 03 | 1 |
| 534 | 775 | 17555 | 544 | 55597 | 448 | 65791 | 400 | 71833 | 03 | 1 |
| 536 | 625 | 01654 | 573 | 51705 | 468 | 63783 | 442 | 65717 | 03 | 1 |
| 553 | 795 | 17534 | 656 | 05654 | 638 | 05626 | 590 | 00691 | 03 | 1 |
| 562 | 659 | 08645 | 400 | 69804 | 279 | 89948 | 172 | 09996 | 03 | 1 |
| 576 | 366 | 74862 | 302 | 84975 | 280 | 88997 | 162 | 11997 | 04 | 1 |
| 597 | 478 | 65815 | 400 | 74862 | 306 | 88977 | 248 | 98999 | 03 | 1 |
| 600 | 816 | 15051 | 724 | 09079 | 400 | 67711 | 167 | 11994 | 03 | 1 |
| 606 | | | | | | | | | | |
| 655 | 743 | 05504 | 725 | 07626 | 653 | 03664 | 625 | 04998 | 03 | 1 |
| 662 | 685 | 09595 | 632 | 05664 | 550 | 53701 | 400 | 70763 | 03 | 1 |
| 681 | 400 | 72887 | 293 | 89015 | 255 | 97994 | 150 | 09992 | 03 | 1 |
| 712 | 274 | 88936 | | | | | | | 03 | 1 |
| 734 | 665 | 01654 | 590 | 55600 | 476 | 63697 | 457 | 64763 | 03 | 1 |
| 747 | 592 | 54721 | 567 | 53995 | 400 | 73997 | 314 | 87997 | 04 | 1 |
| 764 | 773 | 10617 | 618 | 02637 | 514 | 57749 | 400 | 72997 | 04 | 1 |
| 768 | 596 | 52610 | 538 | 58731 | 438 | 69731 | 400 | 74797 | 03 | 1 |
| 775 | 400 | 74857 | 317 | 88981 | 222 | 06995 | 123 | 09993 | 03 | 1 |
| 785 | 400 | 78928 | 314 | 90963 | 233 | 02993 | 082 | 05998 | 03 | 1 |
| 798 | 092 | 01998 | | | | | | | 03 | 1 |
| 807 | 590 | 52653 | 492 | 62728 | 458 | 64715 | 416 | 70754 | 03 | 1 |
| 815 | 544 | 59599 | 513 | 63673 | 465 | 68743 | 400 | 72733 | 03 | 1 |
| 816 | 400 | 76993 | 382 | 76990 | 294 | 90990 | 208 | 01999 | 03 | 1 |
| 826 | 763 | 05016 | 742 | 07502 | 656 | 50550 | 603 | 53636 | 03 | 1 |
| 836 | 575 | 53542 | 479 | 62640 | 445 | 64697 | 400 | 68736 | 03 | 1 |
| 867 | 757 | 01707 | 656 | 51631 | 592 | 56703 | 522 | 59806 | 03 | 1 |
| 879 | 525 | 61730 | 425 | 72866 | 101 | 58*** | | | 03 | 1 |
| 896 | 340 | 90951 | 226 | 12991 | | | | | 04 | 1 |
| 906 | 678 | 52733 | 713 | 56998 | 505 | 65991 | 101 | 54*** | 03 | 1 |
| 907 | 636 | 57724 | 566 | 58994 | 445 | 70746 | 400 | 75889 | 03 | 1 |
| 913 | 730 | 55663 | 663 | 60742 | 596 | 67713 | 575 | 66692 | 03 | 1 |
| 915 | 815 | 01648 | 782 | 50631 | 740 | 54675 | 714 | 54697 | 03 | 1 |
| 917 | 734 | 00569 | 676 | 00598 | 400 | 78907 | 330 | 90001 | 03 | 1 |
| 918 | 728 | 52614 | 667 | 55711 | 586 | 62705 | 534 | 67803 | 03 | 1 |
| 924 | 767 | 01617 | 400 | 81867 | 338 | 90972 | 242 | 06990 | 03 | 1 |
| 926 | | | | | | | | | | |
| 934 | 400 | 78996 | 225 | 07992 | 054 | 95992 | 101 | 58*** | 03 | 1 |
| 938 | 873 | 05544 | 838 | 04521 | 796 | 02638 | 400 | 78878 | 02 | 1 |
| 945 | 642 | 58651 | 40 | 08085 | 818 | 06999 | 152 | 00990 | 03 | 1 |
| 964 | 620 | 54573 | 553 | 59631 | 400 | 77801 | 309 | 90943 | 03 | 1 |
| 968 | 936 | 09035 | 924 | 08013 | 903 | 08011 | 788 | 01518 | 03 | 1 |
| 74 | | | | | | | | | | |
| 043 | 670 | 52701 | 400 | 79882 | 101 | 58*** | | | 03 | 1 |
| 074 | | | | | 320 | 90000 | 220 | 08992 | 03 | 1 |
| 090 | | | 510 | 68995 | 400 | 82991 | 233 | 05994 | 03 | 1 |
| 109 | 800 | 03517 | 631 | 56674 | 543 | 63741 | 450 | 72813 | 03 | 1 |
| 188 | 574 | 56748 | 548 | 57997 | 507 | 62994 | 101 | 58*** | 09 | 1 |
| 76 | | | | | | | | | | |
| 458 | 453 | 52533 | 478 | 56662 | 441 | 61663 | 400 | 66731 | 02 | 1 |
| 491 | 553 | 50627 | 522 | 53692 | 449 | 60762 | 400 | 66776 | 02 | 1 |
| 644 | 610 | 01527 | 593 | 00566 | 463 | 60684 | 400 | 68756 | 03 | 1 |
| 679 | 400 | 68711 | 349 | 75866 | 259 | 90000 | 194 | 05995 | 03 | 1 |
| 78 | | | | | | | | | | |
| 016 | 480 | 68990 | 270 | 90990 | 130 | 22999 | | | 03 | 1 |
| 325 | 400 | 66709 | | | | | | | 03 | 1 |
| 355 | 810 | 16052 | 791 | 14061 | 728 | 10556 | 567 | 51658 | 03 | 1 |
| 395 | 650 | 04756 | 596 | 00633 | 552 | 52793 | 400 | 67995 | 09 | 1 |
| 501 | 606 | 02645 | 400 | 68792 | 260 | 89973 | 166 | 11998 | 03 | 1 |
| 525 | | | | | | | | | | |
| 967 | 563 | 51634 | 440 | 64994 | 420 | 65994 | 400 | 68994 | 03 | 1 |
| 91 | | | | | | | | | | |
| 066 | 536 | 56684 | 483 | 61769 | 400 | 71996 | 286 | 90990 | 03 | 1 |
| 182 | 694 | 10995 | 430 | 63787 | 400 | 69811 | 340 | 79888 | 03 | 1 |
| 215 | 475 | 55580 | 101 | 58 | | | | | 03 | 1 |
| 245 | 577 | 51587 | 563 | 51479 | 400 | 68719 | | | 04 | 1 |
| 366 | 675 | 09531 | 607 | 03511 | 543 | 52620 | 420 | 62761 | 03 | 1 |
| 413 | | | | | | | | | | |
| 98 | | | | | | | | | | |
| 327 | 453 | 86652 | 400 | 62683 | 309 | 74855 | 255 | 90999 | 03 | 1 |
| 645 | 742 | 13083 | 604 | 03512 | 528 | 52690 | 380 | 67829 | 03 | 8 |
| QLL | | OCEAN | STA | | | | | | | |
| 034 | 800 | 14053 | 751 | 12611 | 160 | 16992 | 057 | 08995 | 03 | 9 |
| 035 | 513 | 54750 | 475 | 58656 | 400 | 66797 | 292 | 83969 | 04 | 9 |
| 037 | 703 | 10631 | 400 | 67990 | 278 | 90990 | | | 04 | 9 |
| 041 | 855 | 10091 | 728 | 05047 | 690 | 02005 | 670 | 02004 | 02 | 8 |
| 044 | 888 | 14081 | 870 | 13011 | 836 | 11035 | 823 | 12533 | 03 | 9 |
| 051 | 485 | 00930 | 404 | 00940 | 240 | 40**0 | 174 | 24**0 | 02 | 2 |
| 053 | 395 | 76823 | 308 | 88953 | 213 | 07997 | | | 03 | 9 |
| 055 | 782 | 55678 | 730 | 58714 | 555 | 73789 | 449 | 86936 | 03 | 9 |
| 062 | 228 | 28 0 | 192 | 39 0 | 133 | 42**0 | 119 | 43**0 | 03 | 7 |
| 063 | 224 | 04996 | | | | | | | 03 | 9 |
| 134 | 627 | 05996 | 400 | 70997 | 141 | 16998 | 112 | 19998 | 03 | 9 |
| 144 | 791 | 11052 | 753 | 10566 | 694 | 52586 | 566 | 55671 | 03 | 9 |
| 223 | 720 | 11 | 681 | 08 | 628 | 04*** | 548 | 51*** | 03 | 1 |
| 235 | 828 | 14 | 813 | 14 | 711 | 07*** | 603 | | 03 | 1 |
| 246 | 495 | 54998 | 400 | 66696 | 170 | 07995 | 075 | 05992 | 03 | 9 |
| 360 | 718 | 59624 | 668 | 61654 | 400 | 88931 | 260 | 07*** | 03 | 5 |
| JULY 20 | | | | | | | | | | |
| 01 | | | | | | | | | | |
| 001 | 713 | 60642 | 690 | 60651 | 681 | 61662 | 661 | 60677 | 03 | 8 |
| 030 | 400 | 89939 | 286 | 04 8 | 252 | 02**4 | 212 | 94**2 | 03 | 8 |
| 384 | 800 | 05050 | 783 | 03031 | 760 | 02029 | 773 | 50505 | 03 | 5 |
| 415 | 356 | 90937 | 275 | 03995 | 249 | 01997 | 218 | 97993 | 03 | 8 |
| 02 | | | | | | | | | | |
| 057 | 796 | 00513 | 738 | 51537 | 691 | 55577 | 656 | 57591 | 03 | 8 |
| 077 | 222 | 06999 | 210 | 05999 | 196 | 97993 | 083 | 92990 | 03 | 5 |
| 084 | 711 | 53536 | 608 | 60648 | 582 | 61677 | 397 | 83911 | 03 | 8 |
| 974 | 718 | 01645 | 561 | 62756 | 506 | 64773 | | | 03 | 2 |
| 03 | | | | | | | | | | |
| 005 | | | | | | | | | | |
| 026 | | | | | | | | | | |
| 171 | 510 | 06770 | 340 | 69470 | 317 | 66450 | 208 | 28**0 | 02 | 7 |
| 476 | | | | | | | | | | |
| 743 | | | | | | | | | | |
| 808 | | | | | | | | | | |
| 917 | | | | | | | | | | |
| 953 | 710 | 30 0 | 675 | 30 0 | 571 | 18**0 | 553 | 18**0 | 03 | 7 |
| 04 | | | | | | | | | | |
| 202 | 644 | 57592 | 613 | 58634 | 506 | 58693 | 414 | 77837 | 03 | 1 |
| 231 | 440 | 77733 | 400 | 80877 | 330 | 90977 | 266 | 00993 | 03 | 1 |
| 270 | 622 | 59633 | 437 | 80925 | 400 | 86995 | 370 | 90990 | 03 | 1 |
| 06 | | | | | | | | | | |
| 011 | 560 | 62728 | 444 | 76859 | 248 | 07992 | 227 | 07998 | 03 | 8 |
| 180 | 264 | 02 0 | 214 | 94990 | | 79991 | | | 03 | 8 |
| 260 | 902 | 06524 | 778 | 52569 | 730 | 56607 | 685 | 59637 | 03 | 8 |
| 447 | 680 | 55593 | 658 | 55594 | 598 | 60691 | 575 | 61713 | 03 | 8 |
| 610 | 643 | 54649 | 570 | 62703 | 543 | 61699 | 513 | 64761 | 05 | 5 |
| 07 | | | | | | | | | | |
| 110 | 886 | 08042 | 850 | 09033 | 810 | 09011 | 722 | 02570 | 02 | 5 |
| 145 | 902 | 09025 | 781 | 01520 | 746 | 02548 | 719 | 50566 | 02 | 8 |
| 190 | 769 | 00527 | 735 | 52526 | 674 | 54593 | 663 | 54615 | 02 | 8 |
| 480 | 678 | 50585 | 567 | 60704 | 540 | 61702 | 484 | 66763 | 02 | 8 |

# RADIOSONDE AND RAWINSONDE DATA

| Index No. iii | Station Name | 1000 mb. hhh | 1000 mb. TTTTT ddx | 1000 mb. dd | 1000 mb. ff | 850 mb. hhh | 850 mb. TTTTT ddx | 850 mb. dd | 850 mb. ff | 700 mb. hhh | 700 mb. TTTTT ddx | 700 mb. dd | 700 mb. ff | 500 mb. hhh | 500 mb. TTTTT ddx | 500 mb. dd | 500 mb. ff | Hour GG | Code Type |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 510 | BORDEAUX | 204 | 12102 | 04 | 2 | 570 | 09512 | 04 | 6 | 160 | 04634 | 30 | 24 | 835 | 58714 | 30 | 22 | 02 | 5 |
| 645 | NIMES | 168 | 17076 | | | 530 | 06006 | | | 117 | 04564 | | | 775 | 60724 | | | 02 | 8 |
| | BLOCK 08 | | | | | | | | | | | | | | | | | | |
| 509 | LAGENS | 047 | 21203 | 22 | 23 | 506 | 17098 | 25 | 24 | 044 | 09536 | 26 | 20 | 932 | 15674 | 28 | 22 | 03 | 1 |
| 521 | FUNCHAL | 186 | 2116 | | | 592 | 21053 | | | 244 | 12614 | | | 955 | 59764 | | | 14 | 8 |
| 536 | PORTELA | 168 | 23103 | | | 564 | 18996 | | | 204 | 10993 | | | 900 | 58991 | | | 14 | 8 |
| | BLOCK 10 | | | | | | | | | | | | | | | | | | |
| 384 | TEMPELHOF | 123 | 11087 | 28 | 16 | 421 | 02505 | 31 | 24 | 012 | 52692 | 29 | 12 | 595 | 69991 | 20 | 9 | 03 | 5 |
| 633 | WIESBADEN | 176 | 12095 | 30 | 5 | 514 | 03003 | 30 | 24 | 054 | 58582 | 29 | 29 | 608 | 72990 | 29 | 44 | 03 | 5 |
| 866 | MUNCHEN RIEM | 178 | 99999 | 99 | 99 | 326 | 04021 | 30 | 15 | 078 | 55567 | 30 | 35 | 657 | 68812 | 31 | 34 | 03 | 5 |
| | BLOCK 11 | | | | | | | | | | | | | | | | | | |
| 030 | TULLN | 130 | | | | 483 | 06001 | 31 | 37 | 041 | 56562 | 31 | 35 | 645 | 66708 | 24 | 10 | 03 | 5 |
| 567 | PRAHA KBELY | 137 | | | | 500 | 03528 | | | 024 | 55616 | | | 621 | 67744 | | | 06 | 5 |
| | BLOCK 16 | | | | | | | | | | | | | | | | | | |
| 596 | ORENDI | | | | | 499 | 62360 | 33 | 27 | 036 | 53820 | 32 | 27 | 930 | 23600 | 31 | 41 | 02 | 4 |
| | BLOCK 17 | | | | | | | | | | | | | | | | | | |
| 130 | ANKARA | | | | | 449 | 15092 | | | 076 | 09618 | | | 708 | 56997 | | | 02 | 8 |
| 606 | NICOSIA | | | | | 470 | 73470 | | | 014 | 55810 | | | 900 | 31680 | | | 02 | 7 |
| | BLOCK 42 | | | | | | | | | | | | | | | | | | |
| 182 | NEW DELHI | 503 | | | | 141 | 22170 | | | 307 | 13060 | | | 585 | 01650 | | | 15 | 8 |
| 339 | JODHPUR | 503 | | | | 142 | 20 | | | 308 | 14*** | | | 585 | 50*** | | | 15 | 8 |
| 475 | BAMRAULI AL | 501 | | | | 142 | 21190 | | | 308 | 10090 | | | 581 | 56570 | | | 15 | 8 |
| 807 | CALCUTTA | 002 | 26250 | | | 144 | | | | 308 | ***** | | | 577 | 58*** | | | 15 | 8 |
| 867 | NAGPUR | 002 | | | | 146 | 22150 | | | 311 | 09080 | | | 584 | 51620 | | | 14 | 8 |
| 909 | VERAVAL | 003 | 27250 | | | 144 | 15130 | | | 308 | 10000 | | | 579 | 58*** | | | 14 | 8 |
| | BLOCK 43 | | | | | | | | | | | | | | | | | | |
| 063 | POONA | 006 | | | | 148 | 18150 | | | 413 | 12520 | | | 587 | 51*** | | | 14 | 8 |
| 149 | VIZAGAPATAM | | | | | 150 | 93160 | | | 316 | 11080 | | | 592 | 52640 | | | 14 | 8 |
| 279 | MADRAS | 006 | 29230 | | | 150 | 18140 | | | 315 | 09050 | | | 586 | 55*** | | | 15 | 8 |
| 371 | TRIVANDRUM | 008 | 26240 | | | | | | | | | | | | | | | | |
| | BLOCK 45 | | | | | | | | | | | | | | | | | | |
| 007 | KAI TAK | 008 | 27250 | | | 149 | 20140 | | | 314 | 11030 | | | 587 | 53**0 | | | 22 | 8 |
| | BLOCK 47 | | | | | | | | | | | | | | | | | | |
| 412 | SAPPORO DCMO | 029 | 26203 | | | 487 | 15089 | | | 017 | 06527 | | | 905 | 54682 | | | 03 | 1 |
| 580 | MISAWA | 017 | 20181 | 20 | 6 | 488 | 18142 | 32 | 9 | 028 | 11073 | 28 | 17 | 930 | 52631 | 27 | 33 | 03 | 1 |
| 590 | SENDAI DCMO | 033 | 28222 | | | 498 | 20155 | | | 037 | 11062 | | | 937 | 01581 | | | 03 | 1 |
| 635 | NAGOYA | | | | | 508 | 16165 | 17 | 10 | 044 | 08066 | 22 | 14 | 937 | 54647 | 24 | 17 | 04 | 1 |
| 671 | TOKYO | 033 | 29222 | 19 | 28 | 500 | 21131 | 22 | 10 | 042 | 12022 | 21 | 20 | 940 | 55991 | 23 | 11 | 03 | 1 |
| 744 | YONAGO | 041 | 26225 | | | 503 | 17135 | | | 036 | 09055 | | | 932 | 52562 | | | 03 | 1 |
| 778 | SHIONOMISAKI | 039 | 26257 | | | 497 | 15131 | | | 028 | 06028 | | | 911 | 58661 | | | 03 | 1 |
| 808 | ITAZUKE | 101 | 42 | | | | | | | *** | ***** | | | *** | ***** | | | 03 | 1 |
| 827 | KAGOSHIMA | 036 | 24213 | 18 | 19 | 486 | 10074 | 17 | 16 | 010 | 03521 | 18 | 20 | 881 | 58632 | | | 03 | 1 |
| 931 | KADENA OKINW | 101 | 59 | | | | | | | *** | ***** | | | *** | ***** | | | 03 | 1 |
| | BLOCK 60 | | | | | | | | | | | | | | | | | | |
| 120 | PORT LYAUTEY | 047 | 18125 | | | 513 | 25990 | | | 054 | 09996 | | | 926 | 62773 | | | 03 | 6 |
| 390 | M BLANCHE | 161 | 20172 | 22 | 6 | 570 | 17044 | | | 198 | 11580 | 36 | 18 | 930 | 53747 | 28 | 39 | 02 | 5 |
| | BLOCK 61 | | | | | | | | | | | | | | | | | | |
| 642 | DAKAR OUAKAM | 102 | 24234 | 31 | 4 | 530 | 19145 | 03 | 8 | 166 | 10513 | 08 | 25 | 874 | 57802 | 07 | 21 | 07 | 5 |
| | BLOCK 62 | | | | | | | | | | | | | | | | | | |
| 011 | WHEELUS FLD | 146 | 23161 | | | 440 | 16994 | 32 | 22 | 168 | 11611 | 32 | 26 | 879 | 57994 | 32 | 27 | 03 | 5 |
| 053 | BENINA | 028 | | | | 492 | 73350 | | | 034 | 53110 | | | 926 | 23790 | | | 02 | 7 |
| 366 | FAROUK | | | | | 454 | 22068 | 30 | 9 | 114 | 15**0 | 32 | 9 | 874 | 52**0 | 34 | 10 | 03 | 5 |
| | BLOCK 70 | | | | | | | | | | | | | | | | | | |
| 026 | BARROW | 029 | 01018 | 02 | 8 | 463 | 02014 | 14 | 7 | 971 | 55591 | 07 | 7 | 807 | 74811 | 21 | 10 | 03 | 1 |
| 133 | KOTZEBUE | 021 | 10092 | | | 460 | 04032 | | | 971 | 52544 | | | 824 | 68725 | | | 03 | 1 |
| 200 | NOME | 027 | 08053 | 20 | 12 | 459 | 01001 | 19 | 18 | *** | ***** | | | *** | ***** | | | 03 | 1 |
| 204 | GAMBELL | 022 | 06054 | | | 455 | 00511 | | | 959 | 55577 | | | 805 | 69754 | | | 03 | 1 |
| 219 | BETHEL | 033 | 12065 | 22 | 12 | 472 | 01502 | | | 976 | 57593 | | | 818 | 70753 | | | 03 | 1 |
| 231 | MCGRATH | 028 | | | | 470 | 02504 | 29 | 7 | 977 | 54579 | | | 822 | 69744 | | | 03 | 1 |
| 261 | FRBNKS WEEKS | 021 | | | | 467 | 06308 | 30 | 8 | 980 | 35554 | 14 | 20 | 830 | 68702 | 13 | 35 | 03 | 1 |
| 273 | ANCH MERRILL | 030 | 12085 | 30 | 4 | 469 | 02502 | 19 | 3 | 975 | 56573 | 17 | 2 | 817 | 71751 | | | 03 | 1 |
| 291 | NORTHWAY | 009 | | | | 456 | 07017 | 32 | 23 | 973 | 52543 | 13 | 11 | 826 | 68756 | | | 03 | 1 |
| 350 | KODIAK | 032 | 13058 | | | 464 | 50522 | | | 973 | 55623 | | | *** | ***** | | | 03 | 1 |
| 361 | YAKUTAT | 101 | 43 | | | | | | | *** | ***** | | | *** | ***** | | | 03 | 1 |
| 381 | JUNEAU | 034 | 13102 | 04 | 9 | 477 | 05032 | | | 989 | 51524 | | | 843 | 66992 | | | 03 | 1 |
| 398 | ANNETTE IS | 045 | 14096 | 14 | 4 | 488 | 06511 | 22 | 5 | 004 | 51573 | 24 | 14 | 863 | 65698 | 29 | 22 | 03 | 1 |
| 409 | MASSACRE BAY | 013 | 14112 | | | 462 | 16088 | 30 | 23 | 995 | 06542 | | | 872 | 57733 | | | 03 | 1 |
| 439 | AMCHITKA | 008 | 07031 | | | 028 | 12042 | 27 | 10 | 007 | 06638 | 27 | 10 | 882 | 09992 | 27 | 10 | 03 | 1 |
| 454 | LONGVIEW | 034 | 10109 | 24 | 22 | 485 | 23121 | 25 | 35 | 014 | 08006 | 26 | 35 | 903 | 57644 | 25 | 43 | 03 | 1 |
| 485 | FORT GLENN | 101 | 43 | | | | | | | *** | ***** | | | *** | ***** | | | 03 | 1 |
| | BLOCK 72 | | | | | | | | | | | | | | | | | | |
| 202 | MIAMI | 050 | 25231 | 05 | 13 | 514 | 16138 | 13 | 7 | 051 | 08029 | 11 | 10 | 937 | 57615 | 19 | 2 | 03 | 1 |
| 208 | CHARLESTON | 053 | 25232 | 14 | 8 | 518 | 17099 | 19 | 20 | 055 | 07016 | 19 | 17 | 940 | 57699 | 19 | 18 | 03 | 1 |
| 211 | TAMPA | 049 | 24224 | 14 | 9 | 512 | 17121 | 16 | 18 | 047 | 08021 | 16 | 24 | 931 | 57596 | | | 03 | 1 |
| 219 | ATLANTA | 049 | | | | 513 | 18133 | 10 | 13 | 051 | 08031 | 01 | 7 | 936 | 57637 | | | 03 | 1 |
| 231 | NEW ORLEANS | 044 | 24221 | 22 | 5 | 508 | 18122 | 03 | 5 | 046 | 08012 | 02 | 9 | 934 | 56637 | 01 | 16 | 03 | 1 |
| 240 | LAKE CHARLES | 045 | 27254 | 23 | 10 | 514 | 18178 | | | 051 | 08047 | | | 939 | 58658 | | | 03 | 1 |
| 250 | BROWNSVILLE | 036 | 27243 | 12 | 15 | 503 | 20108 | 16 | 22 | 040 | ***** | | | *** | ***** | | | 03 | 1 |
| 253 | SAN ANTONIO | 034 | | | | 505 | 20157 | 20 | 10 | 050 | 12544 | 15 | 9 | 944 | 56685 | 03 | 8 | 03 | 1 |
| 259 | FT WORTH | 035 | | | | 510 | 22158 | 18 | 16 | 055 | 14567 | 11 | 9 | 953 | 54998 | 05 | 8 | 03 | 1 |
| 265 | BIG SPRING | 021 | | | | 498 | 26131 | 17 | 19 | 046 | 13002 | 12 | 9 | 946 | 54683 | 35 | 6 | 03 | 1 |
| 270 | EL PASO | 006 | | | | 491 | 31121 | 33 | 4 | 048 | 15067 | 14 | 8 | 946 | 55696 | 15 | 4 | 03 | 1 |
| 278 | PHOENIX | 013 | | | | 497 | 27149 | 27 | 10 | 046 | 12071 | 29 | 8 | 939 | 57593 | | | 03 | 1 |
| 304 | HATTERAS | 056 | 25239 | 20 | 12 | 519 | 17109 | 21 | 17 | 057 | 09035 | 23 | 11 | 945 | 58760 | 21 | 16 | 03 | 1 |
| 317 | GREENSBORO | 050 | | | | 512 | 17131 | 25 | 7 | 046 | 07042 | 22 | 11 | 931 | 57593 | 22 | 12 | 03 | 1 |
| 327 | NASHVILLE | 044 | | | | 509 | 20076 | 25 | 5 | 047 | 07017 | 36 | 8 | 930 | 57995 | 02 | 22 | 03 | 1 |
| 340 | LITTLE ROCK | 038 | 28247 | 18 | 6 | 508 | 21111 | 22 | 9 | 052 | 12503 | 01 | 16 | 943 | 55713 | 03 | 22 | 03 | 1 |
| 353 | OKLAHOMA CTY | 025 | | | | 503 | 24143 | 20 | 17 | 051 | 13032 | 19 | 3 | 948 | 54706 | 26 | 3 | 03 | 1 |
| 365 | ALBUQUERQUE | 019 | | | | 498 | | | | 042 | 11077 | 25 | 11 | 936 | 54542 | 18 | 22 | 03 | 1 |
| 386 | LAS VEGAS | 501 | | | | 484 | 27517 | 23 | 27 | 031 | 11546 | 23 | 17 | 919 | 57759 | 24 | 24 | 03 | 1 |
| 394 | SANTA MARIA | 040 | 13114 | 28 | 9 | 499 | 21990 | 32 | 8 | 040 | 10027 | 26 | 16 | 931 | 54992 | 26 | 23 | 03 | 1 |
| 405 | WASHINGTON | 046 | 26223 | | | 513 | 19114 | | | 052 | 08024 | | | 939 | 58613 | | | 03 | 1 |
| 445 | COLUMBIA | 026 | | | | 501 | 23192 | 24 | 21 | 047 | 13031 | 29 | 22 | 941 | 57653 | 31 | 21 | 03 | 1 |
| 451 | DODGE CITY | 011 | | | | 493 | 28149 | 21 | 33 | 047 | 15037 | 24 | 13 | 950 | 55626 | | | 03 | 1 |
| 476 | GRAND JUNC | 005 | | | | 481 | | | | 034 | 15027 | 27 | 15 | 933 | 57601 | 26 | 26 | 03 | 1 |
| 486 | ELY | 512 | | | | 472 | | | | 028 | 16993 | 24 | 29 | 922 | 59726 | 23 | 21 | 03 | 1 |
| 493 | OAKLAND | 040 | 13107 | 25 | 8 | 494 | 16586 | 27 | 12 | 028 | 09594 | 26 | 17 | 918 | 56741 | 27 | 28 | 03 | 1 |
| 506 | NANTUCKET | 041 | 21214 | 23 | 24 | 504 | 19044 | 25 | 16 | 040 | 07557 | 26 | 19 | 922 | 58991 | 25 | 29 | 03 | 1 |
| 518 | ALBANY | 031 | 26202 | 19 | 5 | 498 | 19119 | 27 | 24 | 035 | 09561 | 25 | 27 | 916 | 59993 | | | 03 | 1 |
| 520 | PITTSBURGH | 039 | | | | 508 | 18148 | 25 | 16 | 047 | 09512 | 25 | 11 | 926 | 59687 | | | 03 | 1 |
| 528 | BUFFALO | 034 | | | | 499 | 18151 | 26 | 22 | 035 | 07047 | 26 | 36 | 920 | 58990 | | | 03 | 1 |
| 534 | CHICAGO | 034 | | | | 497 | 16084 | 25 | 15 | 033 | 09995 | 30 | 10 | 921 | 57668 | 31 | 24 | 03 | 1 |
| 536 | TOLEDO | 032 | | | | 500 | 18151 | 24 | 16 | 036 | 06034 | | | 919 | 58998 | | | 03 | 1 |
| 553 | OMAHA | 027 | | | | 494 | 20008 | 16 | 22 | 038 | 12041 | 25 | 23 | 930 | 58692 | 28 | 31 | 03 | 1 |
| 562 | N PLATTE | 010 | | | | 482 | 26097 | 19 | 22 | 034 | 14048 | 27 | 23 | 928 | 58633 | | | 03 | 1 |
| 576 | LANDER | 512 | | | | 467 | | | | 019 | 14573 | 26 | 17 | 913 | 58764 | 25 | 43 | 03 | 1 |
| 597 | MEDFORD | 047 | | | | 502 | 09041 | 32 | 8 | 019 | 51535 | 28 | 20 | 878 | 64998 | 29 | 48 | 03 | 1 |
| 600 | SABLE ISLAND | 033 | 14147 | | | 486 | 15113 | | | 018 | 07542 | | | 903 | 58752 | | | 03 | 1 |
| 606 | PORTLAND | 030 | 27213 | 19 | 5 | 497 | 18131 | 26 | 22 | 034 | 08561 | 27 | 24 | 912 | 60761 | | | 03 | 1 |
| 655 | ST CLOUD | 037 | | | | 494 | 16541 | 25 | 7 | 027 | 06003 | 28 | 18 | 906 | 60656 | 28 | 28 | 03 | 1 |
| 662 | RAPID CITY | 002 | | | | 473 | 24092 | 08 | 6 | 019 | 12036 | 26 | 13 | 913 | 55996 | 27 | 45 | 03 | 1 |
| 681 | BOISE | 015 | | | | 480 | 18014 | 33 | 19 | 012 | 04539 | 32 | 24 | 881 | 64745 | 24 | 58 | 03 | 1 |
| 712 | CARIBOU | 026 | | | | 484 | 15102 | 23 | 19 | 016 | 06512 | 26 | 27 | 889 | 59719 | 27 | 29 | 03 | 1 |
| 734 | SAULT MARIE | 035 | | | | 484 | 09074 | 28 | 28 | 008 | 08992 | 29 | 29 | 891 | 60990 | 28 | 42 | 03 | 1 |
| 747 | INTL FALLS | 043 | | | | 487 | 04037 | 33 | 9 | 010 | 05623 | 29 | 27 | 882 | 61696 | 29 | 33 | 03 | 1 |
| 764 | BISMARCK | 021 | | | | 478 | 13095 | 14 | 24 | 012 | 09003 | 26 | 21 | 892 | 61761 | 27 | 20 | 03 | 1 |
| 768 | GLASGOW | 005 | | | | 471 | 18095 | 13 | 37 | 008 | 07006 | 21 | 16 | 882 | 62720 | | | 03 | 1 |
| 775 | GREAT FALLS | 005 | | | | 471 | 19041 | 01 | 15 | 004 | 04525 | 20 | 3 | 871 | 64679 | | | 03 | 1 |
| 785 | SPOKANE | 036 | | | | 486 | 08029 | 23 | 18 | 003 | 52549 | 24 | 27 | 851 | 70742 | 23 | 6 | 03 | 1 |
| 798 | TATOOSH IS | 054 | 11099 | 26 | 10 | 493 | 04018 | 29 | 11 | 007 | 51608 | 31 | 15 | 863 | 67725 | 35 | 27 | 03 | 1 |
| 807 | ARGENTIA | 033 | 13075 | | | 479 | 09028 | | | 002 | 03994 | | | 885 | 57728 | | | 02 | 1 |
| 815 | STEPHENVILLE | 032 | 13077 | 07 | 5 | 483 | 12601 | 23 | 7 | 008 | 05991 | 29 | 30 | 888 | 59672 | 28 | 27 | 03 | 1 |
| 816 | GOOSE | 034 | 11081 | 14 | 5 | 476 | 08012 | 26 | 7 | 994 | 01993 | 30 | 15 | 864 | 60998 | 30 | 26 | 03 | 1 |
| 826 | NITCHEQUON | 512 | | | | 440 | 09078 | | | 960 | 99999 | | | *** | ***** | | | 03 | 1 |
| 836 | MOOSONEE | 011 | 10085 | | | 448 | 01007 | | | 962 | 01558 | | | 826 | 64721 | | | 03 | 1 |
| 867 | THE PAS | 049 | | | | 489 | 02532 | | | 999 | 52676 | | | 858 | 64773 | | | 03 | 1 |
| 879 | EDMONTON | 016 | | | | 468 | 10065 | 11 | 23 | 989 | 00520 | 13 | 12 | 846 | 66722 | 07 | 13 | 03 | 1 |
| 896 | PRINCE GEORG | 029 | | | | 483 | 10043 | 03 | 15 | 002 | 50538 | 02 | 13 | 860 | 65712 | 02 | 27 | 03 | 1 |
| 906 | FT CHIMO | 020 | 06027 | 04 | 8 | 481 | 05534 | 10 | 9 | 976 | 50767 | | | 837 | 66707 | | | 03 | 1 |
| 907 | PORT HARRISN | 001 | | | | 445 | 08060 | | | 966 | 00505 | | | 831 | 64652 | | | 03 | 1 |
| 909 | UP FROBISHER | 024 | 14062 | 00 | | 470 | 08001 | 33 | 5 | 985 | 50598 | 00 | | 841 | 65751 | 00 | | 09 | 1 |
| 913 | CHURCHILL | 053 | 09051 | 36 | 5 | 492 | 01517 | 36 | 20 | 934 | 57677 | 33 | 24 | 830 | 71821 | 30 | 26 | 03 | 1 |
| 915 | CORAL HARBOR | 042 | 08049 | | | 476 | 02526 | | | 919 | 54628 | | | 805 | 65990 | | | 03 | 1 |
| 917 | EUREKA | 035 | 05017 | 28 | 13 | 468 | 02531 | 34 | 16 | 975 | 56618 | 34 | 23 | 811 | 71814 | 32 | 20 | 03 | 1 |
| 918 | ARCTIC BAY | 038 | 07026 | | | 476 | 06570 | | | 992 | 51615 | | | 743 | 69838 | | | 03 | 1 |
| 924 | RESOLUTE | 043 | 05024 | 37 | 8 | 477 | 04553 | 01 | 19 | 992 | 51654 | 03 | 16 | 846 | 68792 | 05 | 19 | 03 | 1 |
| 926 | BAKER LAKE | 101 | 59 | | | | | | | *** | ***** | | | *** | ***** | | | 03 | 1 |
| 934 | FT SMITH | 055 | | | | 504 | 11056 | | | 024 | 00614 | | | 882 | 66993 | | | 03 | 1 |
| 938 | COPPERMINE | 101 | 58 | | | | | | | *** | ***** | | | *** | ***** | | | 03 | 1 |
| 945 | FORT NELSON | 028 | | | | 486 | 11041 | | | 007 | 01532 | | | 871 | 63691 | | | 03 | 1 |
| 964 | WHITEHORSE | 020 | | | | 628 | 07035 | 19 | 15 | 982 | 53531 | 22 | 13 | 833 | 68698 | 19 | 17 | 03 | 1 |
| 968 | AKLAVIK | 022 | 23133 | | | 479 | 12049 | | | 001 | 01551 | | | 861 | 65754 | | | 03 | 1 |
| | BLOCK 74 | | | | | | | | | | | | | | | | | | |
| 043 | NORMAN WELLS | 028 | | | | 482 | 11045 | | | 005 | 00557 | | | 865 | 66756 | | | 03 | 1 |
| 072 | MOULD BAY | 056 | 07051 | | | 492 | 05596 | | | 006 | 51705 | | | 860 | 68841 | | | 03 | 1 |
| 074 | ISACHSEN | 050 | 00007 | | | 484 | 04513 | | | 994 | 53601 | | | 846 | 68810 | | | 03 | 1 |
| 090 | CLYDE RIVER | 029 | 09017 | 33 | 2 | 466 | 03574 | 32 | 17 | 977 | 53998 | 33 | 14 | 821 | 71990 | 03 | 16 | 03 | 1 |
| 109 | PORT HARDY | 049 | 13103 | | | 493 | 06 7 | | | 012 | 02512 | | | 888 | 59692 | | | 03 | 1 |
| 188 | MINGAN L PT | 030 | 15083 | 13 | 8 | 481 | 13050 | 16 | 22 | 007 | 03561 | 24 | 52 | *** | ***** | | | 04 | 1 |
| | BLOCK 76 | | | | | | | | | | | | | | | | | | |
| 458 | MAZATLAN | 036 | 27237 | | | 504 | 18148 | | | 043 | 10057 | | | 936 | 56581 | | | 02 | 1 |
| 491 | C VICTORIA | 028 | | | | 501 | 22102 | | | 441 | 10017 | | | *** | ***** | | | 02 | 1 |
| 644 | MERIDA | 044 | 17196 | | | 512 | 19143 | | | 050 | 08526 | | | 934 | 57594 | | | 03 | 1 |
| 679 | TACUBAYA | 028 | | | | 497 | | | | 041 | 09066 | | | 930 | 56605 | | | 03 | 1 |
| | BLOCK 78 | | | | | | | | | | | | | | | | | | |
| 016 | KINDLEY FLD | 066 | 24993 | 06 | 5 | 525 | 13999 | 09 | 4 | 051 | 05990 | 14 | 7 | 927 | 60995 | 09 | 10 | 03 | 1 |
| 325 | HAVANA C B | 048 | 24221 | 06 | 5 | 510 | 17141 | 03 | 4 | 049 | 08054 | 15 | 4 | 940 | 56585 | 26 | 4 | 03 | 1 |
| 355 | CAMAGUEY | 046 | 23228 | | | 510 | 18058 | | | 045 | 07005 | | | 930 | 57691 | | | 03 | 1 |
| 367 | GUANTANAMO | 044 | 26189 | | | 505 | 18972 | | | 042 | 08998 | | | 935 | 54999 | | | 03 | 1 |
| 395 | VERNAM FIELD | 038 | 25231 | 33 | 8 | 500 | 18114 | 08 | 15 | 038 | 09612 | 09 | 10 | 929 | 55990 | 00 | 11 | 03 | 1 |
| 501 | SWAN ISLAND | 044 | 26235 | | | 508 | 17125 | | | 045 | 07548 | | | 930 | 56735 | | | 03 | 1 |
| 525 | SAN JUAN | 048 | 24217 | 14 | 8 | 509 | 15098 | 09 | 16 | 043 | 08592 | 07 | 16 | 928 | 57737 | 07 | 16 | 03 | 1 |
| 741 | MANAGUA | 036 | 23208 | 12 | 9 | 501 | 19161 | | | 923 | 59991 | 09 | 17 | *** | ***** | | | 03 | 1 |
| 806 | ALBROOK FLD. | 031 | 23212 | 33 | 5 | 494 | 19113 | 32 | 15 | 033 | 08029 | 13 | 3 | *** | ***** | | | 03 | 1 |
| 862 | COOLIDGE FLD | 049 | 25212 | 07 | 10 | 600 | 15119 | 07 | 15 | 110 | 06507 | 05 | 9 | 928 | 57678 | 09 | 15 | 03 | 1 |
| 967 | CHAGUARAMAS | 043 | | | | 505 | | | | 041 | ***** | | | 929 | 57614 | | | 03 | 1 |
| 972 | WALLER FIELD | 042 | 22219 | 08 | 17 | 500 | 14038 | 09 | 17 | 031 | ***** | 07 | 19 | 916 | 56642 | 07 | 17 | 03 | 1 |
| | BLOCK 91 | | | | | | | | | | | | | | | | | | |
| 066 | MIDWAY ISL | 064 | 22177 | 09 | 12 | 520 | 13092 | | | 048 | 05522 | | | 925 | 62643 | | | 03 | 1 |
| 115 | IWO JIMA | 035 | 28237 | 06 | 16 | 502 | 17101 | 08 | 20 | 037 | 07027 | 09 | 16 | 924 | 57682 | 13 | 9 | 03 | 1 |
| 182 | HONOLULU | 047 | 24175 | 05 | 16 | 505 | 13108 | 07 | 6 | 037 | 10993 | 15 | 2 | 936 | 53998 | 30 | 11 | 03 | 1 |
| 215 | HARMON FLD | 101 | 59 | | | | | | | *** | ***** | | | *** | ***** | | | 03 | 1 |
| 245 | WAKE ISLAND | 101 | 59 | | | | | | | *** | ***** | | | *** | ***** | | | 03 | 1 |
| 275 | JOHNSON IS | 045 | 27238 | 08 | 13 | 510 | 17122 | 06 | 20 | 048 | 11522 | 04 | 7 | *** | ***** | | | 03 | 1 |
| 334 | TRUK | 101 | 59 | | | | | | | *** | ***** | | | *** | ***** | | | 03 | 1 |
| 413 | YAP | 026 | 28232 | 21 | 9 | 491 | 16144 | 17 | 8 | 030 | 09028 | | | 919 | 56625 | | | 03 | 1 |
| | BLOCK 98 | | | | | | | | | | | | | | | | | | |
| 327 | CLARK FIELD | 023 | | | | 492 | 20174 | 15 | 6 | 035 | 12053 | 14 | 6 | 935 | 53542 | 11 | 8 | 03 | 1 |
| 645 | CEBU | 026 | 29223 | | | 495 | 17131 | | | 028 | 09031 | | | 918 | 55644 | | | 03 | 8 |
| QLL | OCEAN STA | | | | | | | | | | | | | | | | | | |
| 031 | 0 538 187 | 004 | 57570 | | | 447 | 46460 | 22 | 42 | 967 | 33330 | 22 | 14 | 832 | 05050 | 23 | 40 | 02 | 2 |
| 034 | 0 355 400 | 056 | 22181 | 22 | 5 | 509 | 12021 | 25 | 9 | 045 | 09997 | 27 | 16 | 938 | 56990 | 24 | 16 | 03 | 9 |
| 035 | 0 340 520 | 062 | 22177 | | | 521 | 17122 | | | 058 | 10040 | 35 | 10 | 951 | 55643 | 04 | 20 | 03 | 9 |
| 037 | 0 360 700 | 066 | 25212 | 22 | 18 | 528 | 15085 | 22 | 14 | 063 | 09542 | 23 | 16 | 953 | 57696 | 19 | 10 | 03 | 9 |
| 041 | 0 450 160 | 186 | 15140 | | | 550 | 08062 | | | 313 | 00542 | | | 782 | 62802 | | | 02 | 8 |
| 044 | 0 450 450 | 016 | 16155 | | | 465 | 10083 | | | 991 | 03552 | 34 | 14 | 868 | 59674 | 30 | 48 | 03 | 9 |
| 053 | 0 527 355 | 501 | | | | 441 | 04049 | | | 951 | 53578 | 22 | 41 | 802 | 67849 | 22 | 43 | 03 | 9 |
| 055 | 0 565 510 | 005 | 05058 | | | 438 | 04013 | | | 949 | 54581 | | | 790 | 71793 | | | 05 | 9 |
| 062 | 0 600 200 | 034 | 53480 | | | 472 | 44370 | 12 | 23 | 987 | 27190 | 12 | 18 | *** | ***** | | | 02 | 2 |
| 063 | 0 620 330 | 021 | 09081 | 14 | 15 | 459 | 01509 | 14 | 15 | 969 | 53551 | 18 | 22 | 808 | 68725 | 15 | 14 | 03 | 9 |
| 126 | 1 229 651 | 663 | 26202 | | | 528 | 16105 | | | 061 | 06581 | | | 944 | 57708 | | | 03 | 9 |
| 134 | 1 300 400 | 067 | 19153 | 07 | 17 | 517 | 11035 | 06 | 15 | 047 | 08641 | 07 | 40 | 934 | 56994 | 01 | 8 | 03 | 9 |
| 144 | 1 490 480 | 072 | 11101 | 05 | 12 | 517 | 08077 | 28 | 27 | 041 | 03519 | 26 | 37 | 914 | ***** | 28 | 42 | 03 | 9 |
| 223 | 2 290 350 | 042 | 25 | | | 503 | 19 | | | 044 | 12*** | | | 940 | 51*** | | | 02 | 1 |
| 235 | 2 386 525 | 050 | 22 | | | 504 | 13 | | | 914 | 57*** | | | *** | ***** | | | 04 | 1 |

# RADIOSONDE AND RAWINSONDE DATA— Continued

| Index No. iii | 300 mb. hhh | 300 mb. TTTTT ddx | 300 mb. dd | 300 mb. ff | 200 mb. hhh | 200 mb. TTTTT ddx | 200 mb. dd | 200 mb. ff | 100 mb. hhh | 100 mb. TTTTT ddx | 100 mb. dd | 100 mb. ff | Hour GG | Code Type |
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| 510 | 960 | 85944 | 29 | 68 | 229 | 06 4 | 29 | 28 | 657 | 13**0 | 20 | 50 | 02 | 5 |
| 645 | 952 | 87384 | | | 218 | 09 1 | | | 649 | 09**1 | | | 02 | 8 |
| 08 | | | | | | | | | | | | | | |
| 509 | 162 | 88944 | 27 | 24 | | | | | | | | | 03 | 1 |
| 521 | 972 | 83957 | | | 247 | 00997 | | | 672 | 17993 | | | 14 | 8 |
| 536 | 967 | 85994 | | | 236 | 03996 | | | 664 | 16994 | | | 14 | 8 |
| 10 | | | | | | | | | | | | | | |
| 384 | 921 | 93991 | 17 | 39 | 189 | 96994 | 24 | 11 | | | | | 03 | 5 |
| 633 | 920 | 91995 | | | 191 | 96996 | | | 648 | 00999 | | | 03 | 5 |
| 866 | 927 | 94992 | 29 | 26 | 196 | 96990 | 31 | 30 | 654 | 98997 | 28 | 3 | 03 | 5 |
| 11 | | | | | | | | | | | | | | |
| 030 | 927 | 95 2 | 14 | 14 | 195 | 95 2 | 26 | 24 | 652 | 98**7 | | | 03 | 5 |
| 567 | 101 | 43 | | | | | | | | | | | 06 | 5 |
| 16 | | | | | | | | | | | | | | |
| 596 | 176 | 78400 | 26 | 5 | 094 | 900 | | | 520 | 12**0 | | | 02 | 4 |
| 17 | | | | | | | | | | | | | | |
| 130 | 101 | 50 | | | | | | | | | | | 02 | 8 |
| 606 | 202 | 89470 | | | 134 | 50 0 | | | 551 | 00**2 | | | 02 | 7 |
| 42 | | | | | | | | | | | | | | |
| 182 | 980 | 71 | | | 266 | 94 | | | | | | | 15 | 8 |
| 339 | 975 | 74 | | | 256 | 96 | | | | | | | 15 | 8 |
| 475 | 959 | 84 | | | 229 | 10 | | | | | | | 15 | 8 |
| 807 | 960 | 74 | | | | | | | | | | | 15 | 8 |
| 867 | 971 | 78 | | | 250 | 98 | | | | | | | 14 | 8 |
| 909 | 962 | 80 | | | | | | | | | | | 14 | 8 |
| 43 | | | | | | | | | | | | | | |
| 063 | 101 | 43 | | | | | | | | | | | 14 | 8 |
| 149 | 964 | 83 | | | | | | | | | | | 14 | 8 |
| 279 | 978 | | | | 255 | 01 | | | | | | | 14 | 8 |
| 371 | 970 | 80 | | | 245 | 03 | | | | | | | 15 | 8 |
| 45 | | | | | | | | | | | | | | |
| 007 | 101 | 50 | | | | | | | | | | | 22 | 8 |
| 47 | | | | | | | | | | | | | | |
| 412 | 170 | 76905 | | | 096 | 94992 | | | 568 | 06996 | | | 03 | 1 |
| 580 | 200 | 76998 | 28 | 49 | | | | | | | | | 03 | 1 |
| 590 | 228 | 72823 | | | 163 | 92990 | | | 622 | 10993 | | | 03 | 1 |
| 635 | 182 | 78835 | 04 | 12 | 097 | 96994 | 02 | 42 | | | | | 04 | 1 |
| 671 | 203 | 79861 | 01 | 10 | 112 | 00991 | 01 | 51 | 524 | ***** | | | 03 | 1 |
| 744 | 188 | 74811 | | | 120 | 95991 | | | 569 | ***** | | | 03 | 1 |
| 778 | 913 | 89973 | | | 997 | 15991 | | | | | | | 03 | 1 |
| 808 | 101 | 42 | | | | | | | | | | | 03 | 1 |
| 827 | 127 | 79885 | | | 039 | 97993 | | | | | | | 03 | 1 |
| 931 | 101 | 59 | | | | | | | | | | | 03 | 1 |
| 60 | | | | | | | | | | | | | | |
| 120 | 101 | 43 | | | | | | | | | | | 03 | 6 |
| 390 | 974 | 85018 | | | | | | | | | | | 02 | 5 |
| 61 | | | | | | | | | | | | | | |
| 642 | 969 | 81861 | 07 | 27 | 244 | 02 1 | 07 | 26 | | | | | 07 | 5 |
| 62 | | | | | | | | | | | | | | |
| 011 | 966 | 82990 | | | 242 | 00991 | | | | | | | 03 | 5 |
| 053 | 167 | | | | 102 | 46 0 | | | | | | | 02 | 7 |
| 366 | 101 | 43 | | | | | | | | | | | 03 | 5 |
| 70 | | | | | | | | | | | | | | |
| 026 | | | | | | | | | | | | | | |
| 133 | | | | | | | | | | | | | | |
| 200 | | | | | | | | | | | | | | |
| 204 | | | | | | | | | | | | | | |
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| 261 | | | | | | | | | | | | | | |
| 273 | | | | | | | | | | | | | | |
| 291 | | | | | | | | | | | | | | |
| 350 | | | | | | | | | | | | | | |
| 361 | 101 | 43 | | | | | | | | | | | 03 | 1 |
| 381 | | | | | | | | | | | | | | |
| 398 | | | | | | | | | | | | | | |
| 409 | | | | | | | | | | | | | | |
| 439 | | | | | | | | | | | | | | |
| 454 | | | | | | | | | | | | | | |
| 485 | 101 | 43 | | | | | | | | | | | 03 | 1 |
| 72 | | | | | | | | | | | | | | |
| 202 | 181 | 83934 | 01 | 9 | | | | | | | | | 03 | 1 |
| 208 | 183 | 83892 | 01 | 5 | 068 | 06995 | 07 | 10 | | | | | 03 | 1 |
| 211 | 171 | 84889 | | | 053 | 09992 | | | 426 | ***** | | | 03 | 1 |
| 219 | 179 | 83923 | | | 073 | 03991 | | | 469 | 19992 | | | 03 | 1 |
| 231 | 178 | 82927 | 29 | 16 | 074 | 04992 | 32 | 16 | 455 | ***** | | | 03 | 1 |
| 240 | 182 | 83861 | | | 078 | 03999 | | | | | | | 03 | 1 |
| 250 | 101 | 50 | | | | | | | | | | | 03 | 1 |
| 253 | 185 | 85990 | 04 | 27 | 071 | 05995 | 03 | 21 | | | | | 03 | 1 |
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| 265 | 202 | 82930 | 36 | 13 | 100 | 02995 | 04 | 39 | 483 | 23990 | 36 | 6 | 03 | 1 |
| 270 | 202 | 81931 | | | 103 | | | | | | | | 03 | 1 |
| 278 | 194 | 80879 | | | 098 | 02999 | | | 465 | ***** | | | 03 | 1 |
| 304 | 186 | 84951 | 35 | 7 | 076 | 04999 | 05 | 15 | 466 | 18996 | 06 | 10 | 03 | 1 |
| 317 | 173 | 85902 | 26 | 13 | 059 | 04995 | 26 | 10 | 458 | ***** | | | 03 | 1 |
| 327 | 168 | 84950 | 33 | 17 | | | | | | | | | 03 | 1 |
| 340 | 187 | 83954 | 01 | 68 | 081 | 03994 | 03 | 43 | 473 | 18992 | 04 | 19 | 03 | 1 |
| 353 | 197 | 83948 | 02 | 10 | 091 | 03991 | 02 | 35 | 475 | ***** | | | 03 | 1 |
| 365 | 191 | 80848 | 27 | 14 | 090 | 03995 | 33 | 22 | | | | | 03 | 1 |
| 386 | 165 | 82998 | | | 060 | 05992 | | | | | | | 03 | 1 |
| 394 | 187 | 80999 | 23 | 29 | 089 | 03998 | 23 | 36 | | | | | 03 | 1 |
| 405 | 178 | 84873 | | | 068 | 04990 | | | 471 | 17996 | | | 03 | 1 |
| 445 | 190 | 88999 | 31 | 22 | 088 | 02998 | 34 | 30 | 476 | 21998 | 31 | 11 | 03 | 1 |
| 451 | 202 | 81991 | | | 104 | 02991 | | | 479 | 23999 | | | 03 | 1 |
| 476 | 179 | 81999 | 25 | 50 | 074 | 04991 | | | 448 | ***** | | | 03 | 1 |
| 486 | 162 | 80994 | | | 064 | 02992 | | | 442 | 15998 | | | 03 | 1 |
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| 576 | 143 | 86996 | | | 032 | 02993 | | | | | | | 03 | 1 |
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| 655 | 134 | 86961 | 27 | 49 | 023 | 01990 | | | 445 | 09997 | | | 03 | 1 |
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| 785 | 020 | 95997 | 24 | 30 | 910 | 94999 | 23 | 33 | 401 | 02993 | 22 | 32 | 03 | 1 |
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| 915 | 998 | 94990 | | | 861 | 98998 | | | 365 | 95996 | | | 03 | 1 |
| 917 | 995 | 93994 | | | 873 | 95990 | | | | | | | 03 | 1 |
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| 924 | 036 | 00519 | | | | | | | | | | | 03 | 1 |
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| 945 | 083 | 90993 | | | 961 | 98993 | | | 478 | 93998 | | | 03 | 1 |
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| 043 | 055 | 95999 | | | 909 | 00995 | | | 408 | 96990 | | | 03 | 1 |
| 072 | 044 | | | | | | | | | | | | 03 | 1 |
| 074 | 810 | 01992 | | | 866 | 97996 | | | 382 | 92998 | | | 03 | 1 |
| 090 | 993 | 97997 | 05 | 26 | 855 | 95999 | 04 | 15 | 371 | 94992 | | | 03 | 1 |
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| 458 | 101 | 50 | | | | | | | | | | | 02 | 1 |
| 491 | 101 | 50 | | | | | | | | | | | 02 | 1 |
| 644 | 178 | 84939 | | | 062 | 07994 | | | | | | | 03 | 1 |
| 679 | 177 | 83933 | | | 069 | 06990 | | | | | | | 03 | 1 |
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| 325 | 101 | 43 | | | | | | | | | | | 03 | 1 |
| 355 | 101 | 43 | | | | | | | | | | | 03 | 1 |
| 367 | 101 | 43 | | | | | | | | | | | 03 | 1 |
| 395 | | | | | | | | | | | | | | |
| 501 | 178 | 82990 | | | 071 | 04999 | | | 436 | 25922 | | | 03 | 1 |
| 525 | 101 | 43 | | | | | | | | | | | 03 | 1 |
| 741 | | | | | | | | | | | | | | |
| 806 | 169 | 85913 | 09 | 20 | | | | | | | | | 03 | 1 |
| 862 | 159 | 86990 | 05 | 6 | | | | | | | | | 03 | 1 |
| 967 | 818 | 83997 | | | | | | | | | | | 03 | 1 |
| 972 | 165 | 81999 | 08 | 10 | 067 | 01990 | 12 | 6 | | | | | 03 | 1 |
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| 115 | 178 | 83910 | 18 | 18 | 067 | 07996 | 16 | 33 | | | | | 03 | 1 |
| 182 | 176 | 85892 | 29 | 24 | 065 | 04995 | 27 | 65 | 455 | 20997 | 07 | 6 | 03 | 1 |
| 215 | 101 | 59 | | | | | | | | | | | 03 | 1 |
| 245 | 101 | 59 | | | | | | | | | | | 03 | 1 |
| 275 | 101 | 50 | | | | | | | | | | | 03 | 1 |
| 334 | 101 | 59 | | | | | | | | | | | 03 | 1 |
| 413 | 105 | 80995 | | | 033 | 06990 | | | | | | | 03 | 1 |
| 98 | | | | | | | | | | | | | | |
| 327 | 199 | 78848 | 08 | 13 | 111 | 98994 | 09 | 16 | | | | | 03 | 1 |
| 645 | 174 | 81990 | | | 076 | 03997 | | | | | | | 03 | 8 |
| QLL | | OCEAN | | | STA | | | | | | | | | |
| 031 | 024 | 54 0 | 24 | 46 | 062 | 06995 | 11 | 14 | 440 | 14998 | 35 | 17 | 02 | 2 |
| 034 | 178 | 35933 | 02 | 16 | 091 | 05993 | | | 460 | ***** | | | 03 | 9 |
| 035 | 200 | 83990 | | | 080 | 06990 | 22 | 35 | | | | | 03 | 9 |
| 037 | 192 | 84996 | 22 | 34 | | | | | | | | | 03 | 9 |
| 041 | 950 | 88034 | | | 028 | 06 4 | | | | | | | 02 | 8 |
| 044 | 099 | 85999 | 28 | 63 | 979 | 07998 | | | 395 | 08997 | | | 03 | 9 |
| 053 | 101 | 43 | | | | | | | | | | | 03 | 9 |
| 055 | 965 | 96995 | | | 846 | 93998 | | | 360 | 97995 | | | 05 | 9 |
| 062 | 041 | 57 0 | 29 | 12 | | | | | | | | | 02 | 2 |
| 063 | 010 | 94992 | 18 | 58 | 862 | 03996 | 19 | 38 | 353 | 97997 | | | 03 | 9 |
| 126 | 174 | 87994 | | | | | | | | | | | 03 | 9 |
| 134 | 169 | 85997 | 19 | 31 | | | | | 436 | 18994 | | | 03 | 9 |
| 144 | 136 | 88967 | | | 505 | 08999 | | | 443 | 05998 | | | 03 | 9 |
| 223 | 219 | 75 | | | 150 | 91 | | | | | | | 02 | 1 |
| 235 | 165 | 84 | | | 048 | 07 | | | | | | | 04 | 1 |

# RADIOSONDE AND RAWINSONDE DATA
## SIGNIFICANT LEVELS

| Index No. iii | Ist. 5th. etc. Level PPP | Ist. 5th. etc. Level TTTTT ddx | 2nd. 6th. etc. Level PPP | 2nd. 6th. etc. Level TTTTT ddx | 3rd. 7th. etc. Level PPP | 3rd. 7th. etc. Level TTTTT ddx | 4th. 8th. etc. Level PPP | 4th. 8th. etc. Level TTTTT ddx | Hour GG | Code Type |
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| 645 | 013 | 18076 | 913 | 10020 | 865 | 08002 | 840 | 05581 | 02 | 8 |
| 08 | | | | | | | | | | |
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| 521 | 015 | 24183 | 940 | 1716 | 928 | 20175 | 919 | 21084 | 14 | 8 |
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| 10 | | | | | | | | | | |
| 384 | 009 | 12086 | 957 | 07068 | 890 | 05006 | 780 | 52547 | 03 | 5 |
| 633 | 005 | 12099 | 940 | 08085 | 755 | 53556 | 690 | 59590 | 03 | 5 |
| 866 | 960 | 11085 | 898 | 07026 | 816 | 02011 | 650 | 59595 | 03 | 5 |
| 11 | | | | | | | | | | |
| 030 | 995 | 14091 | 650 | 55712 | 619 | 56805 | 574 | 58734 | 03 | 5 |
| 567 | 982 | 11068 | 878 | 06000 | 740 | 55606 | 650 | 55642 | 06 | 5 |
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| 596 | 999 | 72650 | 921 | 68470 | 870 | 62430 | 814 | 62290 | 02 | 4 |
| 17 | | | | | | | | | | |
| 130 | 907 | 17124 | 889 | 17124 | 888 | 17713 | 792 | 14071 | 02 | 8 |
| 606 | 976 | 74480 | 959 | 83560 | 917 | 81500 | 810 | | 02 | 7 |
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| 339 | 974 | 32220 | 883 | 24210 | 763 | 13*** | 715 | 15*** | 15 | 8 |
| 475 | 938 | 28250 | 963 | 28240 | 665 | 09080 | 257 | 92*** | 15 | 8 |
| 807 | 001 | 26260 | 951 | 24230 | 515 | 57*** | 277 | 75*** | 15 | 8 |
| 867 | 968 | 28220 | 685 | 06040 | 180 | 03*** | | | 14 | 8 |
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| 149 | 998 | 27250 | 879 | 22210 | 634 | 02510 | 525 | 53580 | 14 | 8 |
| 279 | 005 | 29240 | 967 | 27220 | 940 | 27200 | 378 | 64*** | 14 | 8 |
| 371 | 002 | 26240 | 771 | 13110 | 645 | 05020 | 455 | 57*** | 15 | 8 |
| 45 | | | | | | | | | | |
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| 412 | 008 | 27227 | 935 | 20135 | 917 | 20136 | 787 | 12022 | 03 | 1 |
| 580 | 006 | 20185 | 967 | 18166 | 916 | 20173 | 545 | 02551 | 03 | 1 |
| 590 | 007 | 29231 | 613 | 04018 | 520 | 02559 | 352 | 64756 | 03 | 1 |
| 635 | 012 | 30223 | 770 | 12122 | 400 | 63996 | 340 | 71992 | 04 | 1 |
| 671 | 011 | 30223 | 876 | 20160 | 726 | 12054 | 706 | 12037 | 03 | 1 |
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| 827 | 012 | 27242 | 923 | 14122 | 863 | 10061 | 823 | 12109 | 03 | 1 |
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| 120 | 016 | 20195 | 992 | 18072 | 950 | 27991 | 580 | 54682 | 03 | 6 |
| 390 | 016 | 19180 | 930 | 22127 | 762 | 12532 | 695 | 10588 | 02 | 5 |
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| 642 | 007 | 25233 | 962 | 21817 | 905 | 21152 | 834 | 19141 | 07 | 5 |
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| 053 | 995 | 71690 | 983 | 73710 | | | 920 | 76560 | 02 | 7 |
| 366 | 996 | 22209 | 925 | 26117 | 770 | 17041 | 734 | 16547 | 03 | 5 |
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| 133 | 070 | 10107 | 400 | 79844 | | | | | 03 | 1 |
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| 204 | 007 | 07061 | 665 | 57616 | 653 | 56658 | 591 | 61665 | 03 | 1 |
| 219 | 011 | 13073 | 785 | 51521 | 616 | 60659 | 400 | 80896 | 03 | 1 |
| 231 | 998 | 14079 | 650 | 59610 | 621 | 58627 | 400 | 81866 | 03 | 1 |
| 261 | 992 | 17102 | 978 | 14087 | 811 | 03011 | 400 | 78811 | 03 | 1 |
| 273 | 006 | 13083 | 810 | 50528 | | 65699 | | | 03 | 1 |
| 291 | 943 | 14084 | 794 | 03514 | 761 | 03502 | 656 | 55579 | 03 | 1 |
| 350 | 010 | 14056 | 844 | 50576 | 811 | 51546 | 759 | 54576 | 03 | 1 |
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| 381 | 012 | 12101 | 618 | 57597 | 554 | 62774 | 485 | 67815 | 03 | 1 |
| 398 | 012 | 15105 | 930 | 09045 | 895 | 0*518 | 735 | 00543 | 03 | 1 |
| 409 | 003 | 14101 | 870 | 18092 | 575 | 54591 | 512 | 57613 | 03 | 1 |
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| 454 | 012 | 11111 | 974 | 10100 | 922 | 13138 | 813 | 62617 | 03 | 1 |
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| 202 | 017 | 24222 | 400 | 67748 | 282 | 87989 | 230 | 00990 | 03 | 1 |
| 208 | 017 | 22227 | 624 | 02525 | 604 | 01594 | 571 | 51573 | 03 | 1 |
| 211 | 016 | 24229 | 570 | 51538 | 400 | 68712 | 283 | 87927 | 03 | 1 |
| 219 | 983 | 22209 | 906 | 21157 | 758 | 13053 | 438 | 63722 | 03 | 1 |
| 231 | 015 | 24223 | 950 | 24194 | 648 | 05544 | 595 | 00536 | 03 | 1 |
| 240 | 015 | 27255 | 632 | 05536 | 605 | 02592 | 542 | 54612 | 03 | 1 |
| 250 | 012 | 28252 | 968 | 24213 | 745 | 14512 | 780 | 11518 | 03 | 1 |
| 253 | 985 | 28215 | 905 | 23196 | 821 | 19113 | 796 | 18016 | 03 | 1 |
| 259 | 991 | 31202 | 963 | 31192 | 754 | 16504 | 730 | 17597 | 03 | 1 |
| 265 | 924 | 30157 | 717 | 12066 | 683 | 13611 | 585 | 03592 | 03 | 1 |
| 270 | 879 | 32132 | 630 | 07006 | 588 | 02555 | 566 | 01623 | 03 | 1 |
| 278 | 968 | 36165 | 957 | 36179 | 643 | 08511 | 579 | 00576 | 03 | 1 |
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| 327 | 995 | 24219 | 955 | 25182 | 897 | 22165 | 869 | 22083 | 03 | 1 |
| 340 | 004 | 28244 | 985 | 29237 | 812 | 20063 | 780 | 13046 | 03 | 1 |
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| 365 | 840 | 22142 | 400 | 66691 | 254 | 90940 | 150 | 16993 | 03 | 1 |
| 386 | 931 | 35002 | 662 | 07561 | 590 | 00699 | 562 | 50997 | 03 | 1 |
| 394 | 006 | 14112 | 985 | 12093 | 965 | 15127 | 923 | 22563 | 03 | 1 |
| 405 | 013 | 26233 | 933 | 23182 | 893 | 22118 | 591 | 00532 | 03 | 1 |
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| 493 | 014 | 15111 | 968 | 10081 | 940 | 18035 | 908 | 19543 | 03 | 1 |
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| 528 | 987 | 24211 | 722 | 08052 | 710 | 08055 | 627 | 03559 | 03 | 1 |
| 534 | 992 | 21165 | 964 | 23155 | 804 | 13525 | 744 | 13600 | 03 | 1 |
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| 562 | 912 | 23150 | 863 | 27104 | 830 | 26071 | 613 | 05001 | 03 | 1 |
| 576 | 824 | 25564 | 820 | 27534 | 456 | 64788 | 400 | 71862 | 03 | 1 |
| 597 | 971 | 20074 | 803 | 04016 | 752 | 01504 | 685 | 50536 | 03 | 1 |
| 600 | 012 | 15143 | 988 | 14132 | 961 | 17152 | 924 | 17170 | 03 | 1 |
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| 655 | 977 | 17133 | 967 | 20126 | 875 | 13074 | 868 | 15591 | 03 | 1 |
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| 681 | 911 | 21061 | 878 | 18044 | 854 | 18017 | 642 | 50577 | 03 | 1 |
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| 734 | 987 | 14111 | 805 | 06044 | 784 | 04995 | 774 | 08652 | 03 | 1 |
| 747 | 973 | 13093 | 964 | 13089 | 830 | 03021 | 825 | 08001 | 03 | 1 |
| 764 | 951 | 19118 | 760 | 13075 | 625 | 03601 | 593 | 50585 | 03 | 1 |
| 768 | | | | | | | | | | |
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| 785 | 931 | 13088 | 896 | 12045 | 400 | 83873 | 356 | 89945 | 03 | 1 |
| 798 | 016 | 12109 | 867 | 03024 | 614 | 57722 | 573 | 60671 | 03 | 1 |
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| 945 | 968 | 20107 | 888 | 15068 | 764 | 03017 | 633 | 53643 | 03 | 1 |
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| 072 | 019 | 04022 | 970 | 05026 | 958 | 07041 | 617 | 56751 | 03 | 1 |
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| 91 | | | | | | | | | | |
| 066 | 021 | 22183 | 987 | 23164 | 970 | 21136 | 846 | 14105 | 03 | 1 |
| 115 | 000 | 28238 | 820 | 14078 | 590 | 00532 | 485 | 58715 | 03 | 1 |
| 182 | 016 | 26181 | 906 | 16132 | 796 | 09077 | 754 | 13583 | 03 | 1 |
| 215 | | | | | | | | | | |
| 245 | | | | | | | | | | |
| 275 | 016 | 29236 | 938 | 22211 | 849 | 17113 | 818 | 15125 | 03 | 1 |
| 334 | | | | | | | | | | |
| 413 | 007 | 28248 | 400 | 65988 | 140 | 22998 | | | 03 | 1 |
| 98 | | | | | | | | | | |
| 327 | 989 | 29239 | 840 | 19177 | 708 | 12059 | 665 | 10058 | 03 | 1 |
| 645 | 004 | 29231 | 910 | 20178 | 759 | 12083 | 650 | 05524 | 03 | 8 |
| QLL | | OCEAN | STA | | | | | | | |
| 031 | 016 | 58570 | | | | | | | 02 | 2 |
| 034 | 019 | 24191 | 868 | 10083 | 855 | 08037 | 840 | 17003 | 03 | 9 |
| 035 | 021 | 24185 | 964 | 20154 | 936 | 20175 | 880 | 17144 | 03 | 9 |
| 037 | 022 | 26222 | 812 | 12068 | 794 | 12031 | 787 | 14513 | 03 | 9 |
| 041 | 022 | 18153 | 022 | 18153 | 965 | 12102 | 880 | 68085 | 02 | 8 |
| 044 | 006 | 17153 | 971 | 13189 | 926 | 23125 | 790 | 10026 | 03 | 9 |
| 053 | 999 | 12113 | 826 | 03035 | 788 | 50534 | 400 | 78877 | 03 | 9 |
| 055 | 001 | 06061 | 978 | 03014 | 922 | 01003 | 914 | 04047 | 05 | 9 |
| 062 | 013 | 55490 | | | | | | | 02 | 2 |
| 063 | 007 | 09082 | 969 | 09072 | 832 | 00524 | 785 | 01511 | 03 | 9 |
| 126 | 020 | 27225 | 874 | 18125 | 760 | 09520 | 740 | 07032 | 03 | 9 |
| 134 | 033 | 20174 | 876 | 10081 | 797 | 12610 | 688 | 07645 | 03 | 9 |
| 144 | 026 | 12112 | 963 | 09 | 900 | 10098 | 826 | 09088 | 03 | 9 |
| 223 | 015 | 26 | 992 | 24 | 969 | 25*** | 747 | 14*** | 02 | 1 |
| 235 | 018 | 22 | 995 | 21 | 400 | 68*** | 147 | 02*** | 04 | 1 |

# RADIOSONDE AND RAWINSONDE DATA
## SIGNIFICANT LEVELS

| Index No. iii | Ist. 5th. etc. Level PPP | Ist. 5th. etc. Level TTTTT ddx | 2nd. 6th. etc. Level PPP | 2nd. 6th. etc. Level TTTTT ddx | 3rd. 7th. etc. Level PPP | 3rd. 7th. etc. Level TTTTT ddx | 4th. 8th. etc. Level PPP | 4th. 8th. etc. Level TTTTT ddx | Hour GG | Code Type |
|---|---|---|---|---|---|---|---|---|---|---|
| 510 | 875 | 10027 | 840 | 08525 | 800 | 08555 | 715 | 05616 | 02 | 5 |
| 645 | 815 | 08000 | 796 | 07511 | 775 | 07520 | 705 | 04561 | 02 | 8 |
| 08 | | | | | | | | | | |
| 509 | 811 | 14074 | 794 | 15524 | 760 | 12018 | 547 | 53654 | 03 | 1 |
| 521 | 900 | 2108 | 884 | 22089 | 464 | 64792 | 452 | 6379* | 14 | 8 |
| 536 | 248 | 96994 | 150 | 12995 | 104 | 16998 | 046 | 02991 | 14 | 8 |
| 10 | | | | | | | | | | |
| 384 | 771 | 50564 | 658 | 56671 | 623 | 59773 | 400 | 80913 | 03 | 5 |
| 633 | 680 | 59596 | 665 | 58615 | 574 | 64744 | 544 | 66997 | 03 | 5 |
| 866 | 627 | 58641 | 603 | 59764 | 532 | 66746 | 438 | 74877 | 03 | 5 |
| 11 | | | | | | | | | | |
| 030 | 481 | 69711 | 400 | 78824 | 328 | 90933 | 269 | 01**1 | 03 | 5 |
| 567 | 528 | 63709 | 472 | 71785 | 435 | 71775 | 400 | 78846 | 06 | 5 |
| 16 | | | | | | | | | | |
| 596 | 779 | 59030 | 685 | 52700 | 413 | 67300 | 306 | 78400 | 02 | 4 |
| 17 | | | | | | | | | | |
| 130 | 760 | 10021 | 739 | 11543 | 673 | 09633 | 621 | 05994 | 02 | 8 |
| 606 | | | | | | | | | | |
| 42 | | | | | | | | | | |
| 182 | 361 | 59 | 160 | 04 | | | | | 15 | 8 |
| 339 | 534 | 51 | 515 | 01 | 455 | 58*** | 162 | 08*** | 15 | 8 |
| 475 | 151 | 29 | | | | | | | 15 | 8 |
| 807 | | | | | | | | | | |
| 867 | | | | | | | | | | |
| 909 | 541 | 53590 | | | 350 | 71*** | 284 | 83*** | 14 | 8 |
| 43 | | | | | | | | | | |
| 063 | 350 | 71 | | | | | | | 14 | 8 |
| 149 | 223 | 98 | | | | | | | 14 | 8 |
| 279 | 280 | 82 | 200 | 01 | | | | | 14 | 8 |
| 371 | 250 | 92 | 451 | 60 | 176 | 08*** | | | 15 | 8 |
| 45 | | | | | | | | | | |
| 007 | 750 | 14060 | 650 | 08540 | 600 | 03590 | 550 | 51**0 | 22 | 8 |
| 47 | | | | | | | | | | |
| 412 | 748 | 08511 | 617 | 02591 | 549 | 00632 | 456 | 60732 | 03 | 1 |
| 580 | 445 | 58741 | 400 | 62781 | 250 | 87992 | 238 | 89993 | 03 | 1 |
| 590 | 338 | 68790 | 314 | 69817 | 104 | 10995 | 084 | 10990 | 03 | 1 |
| 635 | 101 | 59 | | | | | | | 04 | 1 |
| 671 | 620 | 06521 | 580 | 02659 | 526 | 52619 | 513 | 52729 | 03 | 1 |
| 744 | 400 | 59664 | 373 | 63717 | 333 | 69762 | 320 | 71797 | 03 | 1 |
| 778 | 407 | 69804 | 321 | 83914 | 236 | 07998 | 149 | 11890 | 03 | 1 |
| 808 | | | | | | | | | | |
| 827 | 600 | 53587 | 548 | 56612 | 535 | 55603 | 344 | 72813 | 03 | 1 |
| 931 | | | | | | | | | | |
| 60 | | | | | | | | | | |
| 120 | 542 | 59673 | 400 | 71993 | | | | | 03 | 6 |
| 390 | 636 | 07637 | 554 | 50709 | 518 | 51728 | 432 | 61803 | 02 | 5 |
| 61 | | | | | | | | | | |
| 642 | 745 | 13028 | 616 | 02638 | 552 | 55581 | 496 | 57991 | 07 | 5 |
| 62 | | | | | | | | | | |
| 011 | 824 | 15993 | 790 | 15591 | 751 | 11562 | 697 | 11630 | 03 | 5 |
| 053 | 873 | 76480 | 744 | 56270 | 719 | 56170 | | | 02 | 7 |
| 366 | 640 | 13 4 | 570 | 04 0 | 400 | 59**4 | | | 03 | 5 |
| 70 | | | | | | | | | | |
| 026 | 410 | 83947 | 400 | 82934 | | | | | 03 | 1 |
| 133 | | | | | | | | | | |
| 200 | 400 | 82925 | | | | | | | 03 | 1 |
| 204 | 400 | 80857 | | | | | | | 03 | 1 |
| 219 | | | | | | | | | | |
| 231 | | | | | | | | | | |
| 261 | | | | | | | | | | |
| 273 | 501 | 71743 | 400 | 82919 | | | | | 03 | 1 |
| 291 | 580 | 60746 | 513 | 67732 | 486 | 69787 | 440 | 75791 | 03 | 1 |
| 350 | 732 | 53601 | 721 | 53621 | 621 | 61658 | 575 | 63747 | 03 | 9 |
| 361 | | | | | | | | | | |
| 381 | 468 | 69783 | 400 | 77815 | | | | | 03 | 1 |
| 398 | 668 | 52608 | 627 | 54728 | 602 | 57613 | 510 | 65673 | 03 | 1 |
| 409 | 472 | 61994 | 400 | 71998 | | | | | 03 | 1 |
| 439 | 606 | 51751 | 555 | 56991 | 400 | 69990 | | | 03 | 1 |
| 454 | 796 | 13106 | | 59565 | 400 | 65853 | | | 03 | 1 |
| 485 | | | | | | | | | | |
| 72 | | | | | | | | | | |
| 202 | | | | | | | | | | |
| 208 | 528 | 55682 | 471 | 60664 | 438 | 63747 | 400 | 68734 | 03 | 1 |
| 211 | 123 | 20990 | | | | | | | 03 | 1 |
| 219 | 400 | 68761 | 273 | 87979 | 130 | 17994 | 112 | 16994 | 03 | 1 |
| 231 | 556 | 51631 | 400 | 67716 | 348 | 75783 | 260 | 89008 | 03 | 1 |
| 240 | 525 | 56663 | 455 | 63655 | 400 | 67695 | 265 | 89922 | 03 | 1 |
| 250 | 101 | 47 | | | | | | | 03 | 1 |
| 253 | 784 | 18019 | 526 | 53706 | 435 | 63783 | 400 | 68993 | 03 | 1 |
| 259 | 625 | 06546 | 573 | 02704 | 461 | 59990 | 400 | 67996 | 03 | 1 |
| 265 | 400 | 65818 | 272 | 88973 | 112 | 23995 | 093 | 22998 | 03 | 1 |
| 270 | 408 | 64804 | 376 | 68775 | 305 | 80945 | 254 | 90971 | 03 | 1 |
| 278 | 538 | 53566 | 477 | 57624 | 400 | 65727 | 358 | 71843 | 03 | 1 |
| 304 | 666 | 06018 | 625 | 03653 | 613 | 02613 | 600 | 01684 | 03 | 1 |
| 317 | 140 | 16990 | 108 | 15990 | | | | | 03 | 1 |
| 327 | 664 | 04506 | 623 | 01689 | 400 | 69999 | 356 | 75891 | 03 | 1 |
| 340 | 678 | 10575 | 557 | 53591 | 540 | 53702 | 427 | 63794 | 03 | 1 |
| 353 | 635 | 07589 | 558 | 50621 | 418 | 65777 | 407 | 65801 | 03 | 1 |
| 365 | | | | | | | | | | |
| 386 | 487 | 59727 | 479 | 59763 | 400 | 68991 | 368 | 70997 | 03 | 1 |
| 394 | 892 | 23994 | 780 | 16604 | 756 | 15602 | 730 | 13021 | 03 | 1 |
| 405 | 562 | 52627 | 538 | 54594 | 458 | 62666 | 433 | 65804 | 03 | 1 |
| 445 | 723 | 14097 | 668 | 10598 | 550 | 52583 | 538 | 53642 | 03 | 1 |
| 451 | 400 | 67768 | 385 | 69765 | 356 | 72853 | 109 | 25998 | 03 | 1 |
| 476 | 445 | 61633 | 424 | 63729 | 400 | 66826 | 325 | 78997 | 03 | 1 |
| 486 | 454 | 62782 | 400 | 68992 | 337 | 77996 | 256 | 88998 | 03 | 1 |
| 493 | 816 | 14614 | 765 | 12998 | 738 | 11623 | 498 | 56742 | 03 | 1 |
| 506 | 553 | 53726 | 467 | 61783 | 442 | 64706 | 400 | 70741 | 03 | 1 |
| 518 | 567 | 53697 | 555 | 55665 | 530 | 56731 | 400 | 72999 | 03 | 1 |
| 520 | 542 | 57624 | 530 | 57621 | 471 | 63781 | 443 | 67823 | 03 | 1 |
| 528 | 610 | 01567 | 550 | 52695 | 400 | 71998 | 278 | 89999 | 03 | 1 |
| 534 | 610 | 03671 | 565 | 51596 | 468 | 63691 | 445 | 63762 | 03 | 1 |
| 536 | 614 | 03575 | 583 | 01692 | 478 | 60777 | 467 | 62724 | 03 | 1 |
| 553 | 777 | 17052 | 765 | 17632 | 730 | 15649 | 670 | 09041 | 03 | 1 |
| 562 | 534 | 54641 | 442 | 64663 | 417 | 64762 | 400 | 65736 | 03 | 1 |
| 576 | 282 | 90990 | 140 | 12990 | | | | | 03 | 1 |
| 597 | 594 | 57731 | 560 | 60772 | 417 | 71859 | 400 | 74876 | 03 | 1 |
| 600 | 885 | 15151 | 815 | 13061 | 789 | 11073 | 755 | 08056 | 03 | 1 |
| 606 | 572 | 53653 | 551 | 54708 | 479 | 62784 | 430 | 69774 | 03 | 1 |
| 655 | 612 | 00618 | 579 | 52593 | 458 | 65717 | 412 | 69833 | 03 | 1 |
| 662 | | | | | | | | | | |
| 681 | 558 | 58693 | 425 | 69834 | 400 | 73841 | 319 | 87971 | 03 | 1 |
| 712 | 670 | 04553 | 592 | 54576 | 539 | 58622 | 435 | 69821 | 03 | 1 |
| 734 | 715 | 09992 | 486 | 61789 | 431 | 68833 | 400 | 71999 | 03 | 1 |
| 747 | 811 | 09616 | 767 | 07579 | 728 | 06636 | 686 | 03539 | 03 | 1 |
| 764 | 529 | 58687 | 443 | 67737 | 400 | 73766 | 232 | 02995 | 03 | 1 |
| 768 | | | | | | | | | | |
| 775 | 125 | 01992 | 082 | 04993 | | | | | 03 | 1 |
| 785 | 311 | 97991 | 075 | 04990 | 068 | 03998 | | | 03 | 1 |
| 798 | 555 | 61725 | 400 | 78844 | 330 | 89965 | 237 | 06998 | 03 | 1 |
| 807 | 572 | 00990 | 510 | 56724 | 490 | 59731 | 448 | 12769 | 02 | 1 |
| 815 | 675 | 06990 | 617 | 01739 | 552 | 54621 | 400 | 70791 | 03 | 1 |
| 816 | 706 | 01669 | 600 | 53996 | 565 | 63996 | 471 | 64771 | 03 | 1 |
| 826 | 719 | 02997 | | | 651 | 53991 | 609 | 54991 | 03 | 1 |
| 836 | 760 | 50512 | 736 | 03526 | 669 | 00573 | 560 | 58654 | 03 | 1 |
| 867 | 748 | 52624 | 730 | 51635 | 592 | 56779 | 400 | 74859 | 03 | 1 |
| 879 | 230 | 07992 | 207 | 50990 | 120 | 97999 | 101 | 58*** | 03 | 1 |
| 896 | 400 | 77806 | 318 | 89936 | 220 | 08995 | 152 | 97991 | 03 | 1 |
| 906 | 842 | 05533 | 819 | 05618 | 740 | 02702 | 692 | 51775 | 03 | 1 |
| 907 | 767 | 05046 | 600 | 55553 | 450 | 68*** | 400 | 75781 | 03 | 1 |
| 909 | 583 | 59693 | 557 | 59682 | 400 | 77875 | 280 | 90990 | 09 | 1 |
| 913 | 696 | 58672 | 651 | 61666 | 645 | 61666 | 586 | 54706 | 03 | 1 |
| 915 | 593 | 64753 | 530 | 68466 | 514 | 66782 | 400 | 78824 | 03 | 1 |
| 917 | 615 | 64675 | 604 | 63707 | 557 | 66804 | 534 | 68764 | 03 | 1 |
| 918 | 800 | 04613 | 460 | 02556 | 617 | 57748 | 448 | 71859 | 03 | 1 |
| 924 | 552 | 54621 | 618 | 57712 | 400 | 80902 | 332 | 89988 | 03 | 1 |
| 926 | | | | | | | | | | |
| 934 | 705 | 00598 | 688 | 00653 | | 51645 | 648 | 53688 | 03 | 1 |
| 938 | | | | | | | | | | |
| 945 | 554 | 58639 | 432 | 70801 | 400 | 73836 | 314 | 87967 | 03 | 1 |
| 964 | 400 | 78894 | 242 | 05990 | 101 | 58*** | | | 03 | 1 |
| 968 | 226 | 04992 | 154 | 96992 | 072 | 91993 | | | 03 | 1 |
| 74 | | | | | | | | | | |
| 043 | 400 | 78849 | 227 | 08998 | 066 | 93999 | | | 03 | 1 |
| 072 | 400 | 80990 | 337 | 90990 | 310 | 94**0 | | | 03 | 1 |
| 074 | 872 | 04501 | 856 | 04515 | 762 | 02551 | 688 | 54614 | 03 | 1 |
| 090 | 855 | 05990 | 052 | 90990 | | | | | 03 | 1 |
| 109 | 762 | 03002 | 658 | 00547 | 400 | 69807 | 260 | 88977 | 03 | 1 |
| 188 | | | | | | | | | | |
| 76 | | | | | | | | | | |
| 458 | 733 | 13071 | 439 | 61648 | 101 | 58*** | | | 02 | 1 |
| 491 | 516 | 02602 | 562 | 50604 | 526 | 53679 | 101 | 44*** | 02 | 1 |
| 644 | 418 | 63666 | 400 | 67744 | 375 | 71790 | 358 | 88987 | 03 | 1 |
| 679 | 363 | 73804 | 338 | 76801 | 296 | 93958 | 278 | 87000 | 03 | 1 |
| 78 | | | | | | | | | | |
| 016 | | | | | | | | | | |
| 325 | 400 | 67693 | | | | | | | 03 | 1 |
| 355 | 666 | 05517 | 625 | 03646 | 483 | 58754 | 431 | 63794 | 03 | 1 |
| 367 | 682 | 09990 | 528 | 51995 | 400 | 67996 | | | 03 | 1 |
| 395 | 720 | 10601 | 666 | 06646 | 658 | 06587 | 524 | 52765 | 03 | 1 |
| 501 | 681 | 05512 | 594 | 50671 | 566 | 00693 | 542 | 53634 | 03 | 1 |
| 525 | 574 | 50995 | 520 | 55747 | 460 | 62731 | 400 | 68836 | 03 | 1 |
| 741 | 622 | 03501 | 575 | 55693 | 427 | 63995 | 400 | 67995 | 03 | 1 |
| 806 | 400 | | 325 | 81879 | 281 | | 260 | 03993 | 03 | 1 |
| 862 | 768 | 12502 | 684 | 05514 | 640 | 03575 | 547 | 53993 | 03 | 1 |
| 967 | | | | | | | | | | |
| 972 | 400 | 66720 | 255 | 90990 | 168 | 08991 | 142 | 10996 | 03 | 1 |
| 91 | | | | | | | | | | |
| 066 | 802 | 10071 | 786 | 08046 | 736 | 07017 | 695 | 05522 | 03 | 1 |
| 115 | 478 | 59696 | 400 | 68816 | 342 | 75841 | 266 | 90971 | 03 | 1 |
| 182 | 538 | 01991 | 418 | 65807 | 400 | 68828 | 283 | 88929 | 03 | 1 |
| 215 | | | | | | | | | | |
| 245 | | | | | | | | | | |
| 275 | 783 | 13086 | 758 | 13076 | 736 | 11041 | 683 | 11571 | 03 | 1 |
| 334 | | | | | | | | | | |
| 413 | | | | | | | | | | |
| 98 | | | | | | | | | | |
| 327 | 486 | 54556 | 400 | 63674 | 245 | 88969 | 153 | 10994 | 03 | 1 |
| 645 | 622 | 03512 | 473 | 58690 | 444 | 60689 | 380 | 68775 | 03 | 8 |
| QLL | | OCEAN | STA | | | | | | | |
| 031 | | | | | | | | | | |
| 034 | 830 | 17591 | 638 | 06994 | 355 | 75898 | 278 | 38967 | 03 | 9 |
| 035 | 768 | 13091 | 624 | 05578 | 558 | 50577 | 438 | 62772 | 03 | 9 |
| 037 | 771 | 14531 | 550 | 51671 | 441 | 65783 | 428 | 64799 | 03 | 9 |
| 041 | 818 | 08035 | 765 | 06005 | 700 | 00542 | 687 | 51572 | 02 | 8 |
| 044 | 734 | 05595 | 634 | 50535 | 619 | 01533 | 540 | 55607 | 03 | 9 |
| 053 | 356 | 85936 | 101 | 65 | | | | | 03 | 9 |
| 055 | 887 | 06041 | 668 | 56632 | 400 | 82931 | 346 | 89986 | 05 | 9 |
| 062 | | | | | | | | | | |
| 063 | 634 | 57633 | 608 | 59633 | 572 | 61737 | 536 | 66719 | 03 | 9 |
| 126 | 709 | 07661 | 665 | | 632 | 02623 | 618 | 01666 | 03 | 9 |
| 134 | 400 | 70993 | 162 | 14992 | 118 | 21998 | 032 | 00990 | 03 | 9 |
| 144 | 659 | 02644 | 563 | 57672 | 400 | 72785 | 294 | 90972 | 03 | 9 |
| 223 | 657 | 09 | 565 | 03 | 408 | 59*** | 277 | 78*** | 02 | 1 |
| 235 | | | | | | | | | | |

## JULY 20

# RADIOSONDE AND RAWINSONDE DATA

| Index No. iii | Station Name | 1000 mb. hhh | 1000 mb. TTTTT ddx | dd | ff | 850 mb. hhh | 850 mb. TTTTT ddx | dd | ff | 700 mb. hhh | 700 mb. TTTTT ddx | dd | ff | 500 mb. hhh | 500 mb. TTTTT ddx | dd | ff | Hour GG | Code Type |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 246 | 2 440 650 | 051 | 13118 | 02 | 8 | 495 | 14104 | 02 | 8 | 033 | 18036 | 02 | 22 | 921 | 59610 | 02 | 22 | 03 | 2 |
| 360 | 3 660 020 | 132 | 07067 | 25 | 24 | 430 | 03010 | 27 | 25 | 999 | 57618 | 27 | 29 | 553 | 71761 | 30 | 21 | 04 | 5 |

## JULY 21

| Index No. iii | Station Name | 1000 mb. hhh | 1000 mb. TTTTT ddx | dd | ff | 850 mb. hhh | 850 mb. TTTTT ddx | dd | ff | 700 mb. hhh | 700 mb. TTTTT ddx | dd | ff | 500 mb. hhh | 500 mb. TTTTT ddx | dd | ff | Hour GG | Code Type |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | BLOCK 01 | | | | | | | | | | | | | | | | | | |
| 001 | JAN MAYEN | 120 | 04001 | | | 430 | 52526 | | | 931 | 60618 | | | 466 | 74766 | | | 03 | 8 |
| 030 | TROMSO | 112 | 08059 | | | 410 | 51521 | | | 951 | 62635 | | | 368 | 74759 | | | 03 | 8 |
| 384 | GARDERMOEN | 140 | 99999 | | | 492 | 05511 | | | 045 | 54545 | | | 614 | 70743 | | | 03 | 5 |
| 415 | SOLA | 149 | 10094 | | | 510 | 07042 | | | 071 | 53570 | | | 999 | 99999 | | | 03 | 8 |
| | BLOCK 02 | | | | | | | | | | | | | | | | | | |
| 057 | LULEA KALLAS | 135 | 11117 | | | 490 | 03018 | | | 032 | 52568 | | | 618 | 70782 | | | 03 | 8 |
| 077 | STOCKHOLM | 108 | 11107 | 03 | 15 | 460 | 07547 | 01 | 13 | 042 | 51561 | 05 | 19 | 651 | 66661 | 16 | 8 | 03 | 5 |
| 084 | GOTEBORG | 115 | 14123 | | | 476 | 08061 | | | 056 | 50522 | | | 668 | 66721 | | | 03 | 8 |
| 974 | HELSINKI MAL | 101 | 16143 | | | 474 | 09069 | | | 059 | 50538 | | | 671 | 65684 | | | 03 | 7 |
| | BLOCK 03 | | | | | | | | | | | | | | | | | | |
| 005 | LERWICK | 046 | 50490 | | | 443 | 17210 | 12 | 15 | 007 | 33920 | 16 | 10 | 870 | 06610 | 18 | 9 | 02 | 2 |
| 026 | STORNOWAY | 030 | | | | 474 | 46460 | 18 | 20 | 997 | 33320 | 17 | 17 | 861 | 06970 | 25 | 6 | 02 | 2 |
| 171 | LEUCHARS | 038 | 55540 | | | 483 | 50450 | | | 002 | 31300 | | | 856 | 01950 | | | 02 | 7 |
| 322 | FAZAKERLEY | 048 | 59570 | | | 494 | 49490 | 28 | 19 | 016 | 34340 | 27 | 20 | 880 | 06062 | 28 | 24 | 08 | 2 |
| 476 | DOWNHAM MKT | 054 | 61580 | 25 | 15 | 497 | 45410 | 26 | 19 | 017 | 31284 | 28 | 21 | 880 | 05910 | 30 | 21 | 02 | |
| 743 | LARKHILL | 055 | 55510 | | | 500 | 50310 | 24 | 12 | 022 | 32260 | 29 | 21 | 882 | 05020 | 28 | 18 | 02 | 2 |
| 808 | CAMBORNE | 054 | 57550 | 18 | 6 | 500 | 51340 | 20 | 17 | 022 | 36270 | 21 | 21 | 891 | 11930 | 24 | 22 | 02 | 2 |
| 917 | ALDERGROVE | 040 | 60570 | | | 489 | 49460 | 26 | 25 | 007 | 35*** | 26 | 27 | 868 | 06920 | 28 | 32 | 02 | 2 |
| 953 | VALENTIA | 046 | 59 0 | | | 493 | 48 0 | | | 013 | 35**0 | | | 879 | 11**0 | | | 03 | 7 |
| | BLOCK 04 | | | | | | | | | | | | | | | | | | |
| 018 | KEFLAVIK | 024 | 10078 | 15 | 24 | 463 | 06511 | 14 | 24 | 977 | 52556 | 15 | 23 | 832 | 65714 | 17 | 24 | 03 | 1 |
| 202 | THULE | 004 | | | | 437 | 51532 | 13 | 10 | 937 | 59642 | 30 | 3 | 762 | 76872 | 28 | 21 | 03 | 1 |
| 270 | NARSSARSSUAK | 101 | 58 | | | | | | | *** | ***** | | | *** | ***** | | | 03 | 1 |
| 339 | SCORESBYSUND | 101 | 52 | | | | | | | *** | ***** | | | *** | ***** | | | 03 | 1 |
| 360 | ANGMAGSSALIK | | | | | 414 | 02020 | 07 | 17 | 872 | 54540 | 10 | 14 | 556 | 67999 | 15 | 19 | 03 | 5 |
| | BLOCK 06 | | | | | | | | | | | | | | | | | | |
| 011 | THORSHAVN | 134 | 10073 | | | 473 | 07513 | | | 039 | 51643 | | | 640 | 68793 | | | 03 | 8 |
| 260 | DE BILT | 167 | 13129 | | | 524 | 05026 | | | 091 | 52619 | | | 702 | 65767 | | | 03 | 8 |
| 447 | UCCLE | 171 | 11094 | | | 516 | 05048 | | | 079 | 52538 | | | 693 | 64707 | | | 03 | 8 |
| 610 | PAYERNE | 175 | | | | 540 | 06029 | 06 | 12 | 085 | 00612 | 34 | 15 | 710 | 62669 | 32 | 27 | 05 | 5 |
| | BLOCK 07 | | | | | | | | | | | | | | | | | | |
| 110 | BREST | 160 | 14127 | 05 | 9 | 540 | 11045 | 16 | 27 | 129 | 02542 | 21 | 25 | 758 | 65727 | 28 | 29 | 02 | 5 |
| 145 | TRAPPES | 175 | 12589 | | | 560 | 10042 | | | 125 | 00526 | | | 740 | 62689 | | | 02 | 8 |
| 190 | STRASBOURG | 169 | 10092 | | | 510 | 11519 | | | 067 | 55596 | | | 653 | 65787 | | | 02 | 8 |
| 480 | LYON | 116 | | | | 530 | 12041 | | | 123 | 04551 | | | 788 | 62742 | | | 02 | 8 |
| 510 | BORDEAUX | 147 | 17110 | | | 530 | 12034 | | | 146 | 05551 | | | 802 | 63711 | | | 02 | 8 |
| 645 | NIMES | 129 | 19089 | | | 520 | 14001 | | | 119 | 04579 | | | 773 | 61726 | | | 02 | 8 |
| | BLOCK 08 | | | | | | | | | | | | | | | | | | |
| 509 | LAGENS | 055 | 19162 | 12 | 3 | 513 | 13117 | 15 | 4 | 025 | 11518 | 26 | 17 | 952 | 54645 | 26 | 32 | 03 | 1 |
| 521 | FUNCHAL | 168 | 22150 | | | 579 | 19068 | | | 229 | 12617 | | | 940 | 57757 | | | 14 | 8 |
| 536 | PORTELA | 169 | 24124 | | | 578 | 17065 | | | 204 | 07590 | | | 891 | 58996 | | | 14 | 8 |
| | BLOCK 10 | | | | | | | | | | | | | | | | | | |
| 338 | HANNOVER | 048 | 49470 | | | 484 | 38340 | | | 997 | 27190 | | | 849 | 00810 | | | 02 | 7 |
| 384 | TEMPELHOF | 116 | 12091 | 30 | 15 | 452 | 06050 | 31 | 22 | 022 | 51621 | 34 | 16 | 636 | 66716 | 02 | 8 | 03 | 5 |
| 419 | ISERLOHN | 055 | | | | 473 | 39320 | 30 | 17 | 009 | 27080 | 33 | 21 | 860 | 00810 | 33 | 39 | 02 | 2 |
| 633 | WIESBADEN | 167 | 10088 | 00 | | 512 | 04021 | 31 | 11 | 066 | 53658 | 32 | 20 | 665 | 67990 | 32 | 39 | 03 | 5 |
| 866 | MUNCHEN RIEM | 172 | 99999 | 99 | 99 | 521 | 06001 | 28 | 16 | 079 | 55594 | 31 | 17 | 657 | 67997 | 33 | 44 | 03 | 5 |
| | BLOCK 11 | | | | | | | | | | | | | | | | | | |
| 030 | TULLN | 139 | | | | 479 | 04022 | 31 | 28 | 029 | 57572 | 31 | 33 | 583 | 72**5 | 01 | 7 | 03 | 5 |
| 567 | PRAHA KBELY | 135 | | | | 490 | 05014 | | | 040 | 51594 | | | 647 | 64814 | | | 05 | 5 |
| | BLOCK 17 | | | | | | | | | | | | | | | | | | |
| 130 | ANKARA | | | | | 416 | 18074 | | | 059 | 08518 | | | 788 | 57997 | | | 02 | 8 |
| | BLOCK 42 | | | | | | | | | | | | | | | | | | |
| 182 | NEW DELHI | 501 | | | | 141 | 2119 | | | 308 | 1312* | | | 585 | ***** | | | 15 | 8 |
| 339 | JODHPUR | 502 | | | | 143 | 2418 | | | 310 | 1900* | | | 589 | 53*** | | | 15 | 8 |
| 475 | BAMRAULI AL | 502 | | | | 141 | 1917 | | | 306 | 1010* | | | 581 | 5151* | | | 15 | 8 |
| 807 | CALCUTTA | 000 | | | | 142 | 2017 | | | 308 | 1110* | | | 582 | 5253* | | | 15 | 8 |
| 867 | NAGPUR | 001 | | | | 144 | | | | 197 | ***** | | | 436 | 0101* | | | 14 | 8 |
| 909 | VERAVAL | 003 | 2725 | | | 146 | 2013 | | | 312 | 1501* | | | 587 | 55*** | | | 14 | 8 |
| | BLOCK 43 | | | | | | | | | | | | | | | | | | |
| 063 | POONA | 006 | | | | 148 | 2013 | | | 414 | 1201* | | | 588 | 52*** | | | 14 | 8 |
| 149 | VIZAGAPATAM | 003 | | | | 146 | 1014 | | | 312 | 1100* | | | 584 | 56*** | | | 14 | 8 |
| 279 | MADRAS | 006 | 2924 | | | 150 | 2216 | | | 316 | 1106* | | | 589 | 56*** | | | 14 | 8 |
| 371 | TRIVANDRUM | 008 | 2422 | | | 149 | 1814 | | | 313 | 1007* | | | 586 | 55*** | | | 15 | 8 |
| | BLOCK 45 | | | | | | | | | | | | | | | | | | |
| 007 | KAI TAK | 008 | 27250 | | | 150 | 20140 | | | 315 | 10020 | | | 588 | 53**0 | | | 22 | 8 |
| | BLOCK 47 | | | | | | | | | | | | | | | | | | |
| 580 | MISAWA | 030 | 29226 | 25 | 18 | 499 | 19156 | 26 | 31 | 040 | 12091 | 26 | 22 | 946 | 50581 | 28 | 31 | 03 | 1 |
| 635 | NAGOYA | 047 | 30209 | 22 | 3 | 517 | 20165 | 28 | 1 | 056 | 10037 | 21 | 10 | 955 | 52719 | 22 | 2 | 03 | 1 |
| 671 | TOKYO | 039 | 29227 | 20 | 19 | 509 | 22128 | 22 | 7 | 054 | 12521 | 22 | 12 | 955 | 53990 | 22 | 7 | 03 | 1 |
| 808 | ITAZUKE | 101 | 42 | | | | | | | *** | ***** | | | *** | ***** | | | 03 | 1 |
| 931 | KADENA OKINW | 101 | 59 | | | | | | | *** | ***** | | | *** | ***** | | | 03 | 1 |
| | BLOCK 60 | | | | | | | | | | | | | | | | | | |
| 155 | CASABLANCA | 151 | 18165 | | | 560 | 21620 | | | 198 | 07790 | | | 866 | 61944 | | | 02 | 8 |
| 390 | M BLANCHE | 123 | 23174 | 00 | | 550 | 20042 | 34 | 4 | 178 | 09589 | 31 | 20 | 901 | 57753 | 31 | 26 | 02 | 5 |
| | BLOCK 61 | | | | | | | | | | | | | | | | | | |
| 642 | DAKAR OUAKAM | 089 | 24226 | 30 | 3 | 520 | 17167 | 23 | 6 | 135 | 08553 | 08 | 20 | 830 | 57728 | 10 | 18 | 07 | 5 |
| | BLOCK 62 | | | | | | | | | | | | | | | | | | |
| 053 | BENINA | 035 | | | | 893 | 60430 | | | 025 | 55240 | | | 925 | 26970 | | | 02 | 7 |
| 366 | FAROUK | | | | | 463 | 19001 | | | 112 | 13**0 | | | 859 | 53**4 | | | 03 | 5 |
| | BLOCK 70 | | | | | | | | | | | | | | | | | | |
| 026 | BARROW | 045 | 02503 | 06 | 18 | 490 | 09507 | 06 | 17 | 010 | 50556 | 08 | 18 | 866 | 66781 | 07 | 12 | 03 | 1 |
| 133 | KOTZEBUE | 035 | 13099 | 30 | 13 | 477 | 04014 | 10 | 12 | 990 | 54563 | 11 | 19 | 838 | 69834 | | | 03 | 1 |
| 200 | NOME | 032 | 11095 | 27 | 4 | 470 | 01007 | 10 | 8 | 975 | 58592 | 13 | 10 | 810 | 73771 | 13 | 15 | 03 | 1 |
| 204 | GAMBELL | 035 | 05057 | | | 468 | 50512 | | | 971 | 57586 | | | 809 | 70822 | | | 03 | 1 |
| 219 | BETHEL | 022 | 10062 | | | 457 | 00509 | | | 964 | 54550 | | | 813 | 68715 | | | 03 | 1 |
| 231 | MCGRATH | 024 | | | | 468 | 03509 | 13 | 8 | 976 | 54587 | | | 826 | **995 | | | 03 | 1 |
| 261 | FRBNKS WEEKS | 021 | | | | 469 | 07053 | | | 984 | 51552 | 11 | 12 | 842 | 65738 | 09 | 20 | 03 | 1 |
| 273 | ANCH MERRILL | 030 | 14076 | 25 | 5 | 473 | 04014 | 25 | 4 | 986 | 51583 | 16 | 8 | 844 | 66992 | 31 | 12 | 03 | 1 |
| 291 | NORTHWAY | 022 | | | | 470 | 05038 | | | 983 | 53591 | | | 829 | 70785 | | | 04 | 1 |
| 316 | FORT RANDALL | 101 | 42 | | | | | | | *** | ***** | | | *** | ***** | | | 03 | 1 |
| 350 | KODIAK | 032 | 13070 | | | 469 | 04002 | | | 989 | 52555 | | | 840 | 66811 | | | 03 | 1 |
| 361 | YAKUTAT | 036 | 09088 | 11 | 9 | 574 | 01009 | 10 | 7 | 980 | 55608 | 36 | 8 | 821 | 73794 | 36 | 21 | 03 | 1 |
| 398 | ANNETTE IS | 047 | 11106 | 19 | 2 | 488 | 04031 | 20 | 17 | 998 | 55561 | 21 | 17 | 842 | 67999 | 26 | 27 | 03 | 1 |
| 409 | MASSACRE BAY | 101 | 54 | | | | | | | *** | ***** | | | *** | ***** | | | 03 | 1 |
| 439 | AMCHITKA | 036 | 09091 | 22 | 15 | 487 | 14133 | 25 | 10 | 021 | 08016 | 26 | 11 | 911 | 55652 | 26 | 10 | 03 | 1 |
| 454 | LONGVIEW | 042 | 11104 | 26 | 17 | 493 | 14091 | 25 | 26 | 025 | 06034 | 23 | 32 | 913 | 56611 | 26 | 33 | 03 | 1 |
| 485 | FORT GLENN | 101 | 43 | | | | | | | *** | ***** | | | *** | ***** | | | 05 | 1 |
| | BLOCK 72 | | | | | | | | | | | | | | | | | | |
| 202 | MIAMI | 048 | 26221 | 13 | 11 | 514 | 17148 | 12 | 18 | 051 | 08062 | 13 | 12 | 938 | 56618 | 16 | 9 | 03 | 1 |
| 208 | CHARLESTON | 056 | 26233 | 16 | 9 | 522 | 18091 | 17 | 12 | 057 | 07506 | 13 | 9 | 946 | 57998 | 09 | 9 | 03 | 1 |
| 211 | TAMPA | 052 | 24212 | 11 | 7 | 515 | 16127 | 14 | 20 | 050 | 07047 | 15 | 16 | 934 | 57607 | | | 03 | 1 |
| 219 | ATLANTA | 053 | | | | 516 | 17141 | 16 | 17 | 053 | 08015 | 20 | 10 | 941 | 56626 | | | 03 | 1 |
| 231 | NEW ORLEANS | 041 | 25213 | 09 | 4 | 507 | 18124 | 09 | 11 | 044 | 08007 | 08 | 14 | 932 | 57653 | 07 | 14 | 03 | 1 |
| 240 | LAKE CHARLES | 039 | 24234 | 12 | 4 | 506 | 19113 | 10 | 8 | 045 | 08016 | 07 | 16 | 935 | 55637 | 06 | 20 | 03 | 1 |
| 250 | BROWNSVILLE | 031 | 26235 | 14 | 14 | 498 | 23014 | 16 | 23 | 043 | 12531 | 16 | 8 | 934 | 55718 | 03 | 10 | 03 | 1 |
| 253 | SAN ANTONIO | 030 | | | | 501 | 22104 | 16 | 10 | 045 | 11516 | 16 | 7 | 938 | 56712 | 05 | 10 | 03 | 1 |
| 259 | FT WORTH | 024 | | | | 495 | 22149 | 18 | 15 | 040 | 12584 | 12 | 7 | 936 | 54905 | 06 | 7 | 03 | 1 |
| 265 | BIG SPRING | 009 | | | | 488 | 25125 | 17 | 31 | 036 | 12062 | 26 | 7 | 932 | 55712 | 11 | 7 | 03 | 1 |
| 270 | EL PASO | 003 | | | | 487 | 29107 | 25 | 12 | 042 | 14071 | 28 | 13 | 938 | 55712 | | | 03 | 1 |
| 278 | PHOENIX | 013 | | | | 495 | 27103 | 25 | 16 | 045 | 11054 | 28 | 10 | 936 | 57731 | 33 | 8 | 03 | 1 |
| 304 | HATTERAS | 061 | 25225 | 21 | 20 | 525 | 17115 | 22 | 14 | 061 | 09592 | 23 | 16 | 948 | 57747 | 22 | 9 | 03 | 1 |
| 317 | GREENSBORO | 052 | | | | 516 | 18105 | 24 | 21 | 053 | 08015 | 25 | 21 | 939 | 59642 | 23 | 34 | 03 | 1 |
| 327 | NASHVILLE | 044 | | | | 510 | 18129 | 16 | 14 | 050 | 09032 | 08 | 4 | 937 | 56614 | 34 | 12 | 03 | 1 |
| 340 | LITTLE ROCK | 035 | 28247 | 18 | 6 | 506 | 22104 | 17 | 15 | 050 | 11057 | 04 | 10 | 944 | 54691 | 02 | 18 | 03 | 1 |
| 353 | OKLAHOMA CTY | 019 | | | | 496 | 24151 | 19 | 29 | 043 | 14582 | 18 | 7 | 948 | 53992 | 27 | 12 | 03 | 1 |
| 365 | ALBUQUERQUE | 007 | | | | 487 | | | | 036 | 14011 | 32 | 12 | 934 | 54614 | 27 | 10 | 03 | 1 |
| 386 | LAS VEGAS | 003 | | | | 485 | 28996 | 26 | 14 | 034 | 12999 | 31 | 6 | 926 | 57993 | 25 | 16 | 03 | 1 |
| 394 | SANTA MARIA | 040 | 14112 | 28 | 9 | 495 | 18995 | 28 | 11 | 034 | 10582 | 25 | 23 | 926 | 55997 | 27 | 17 | 03 | 1 |
| 405 | WASHINGTON | 043 | 26226 | | | 509 | 19123 | | | 048 | 08036 | | | 938 | 55731 | | | 03 | 1 |
| 445 | COLUMBIA | 026 | | | | 498 | 21162 | 22 | 28 | 043 | 14575 | 26 | 19 | 941 | 55622 | 33 | 18 | 03 | 1 |
| 451 | DODGE CITY | 002 | | | | 484 | 29119 | 20 | 37 | 040 | 15077 | 24 | 15 | 946 | 53621 | 27 | 17 | 03 | 1 |
| 476 | GRAND JUNC | 502 | | | | 479 | | | | 036 | 16511 | 28 | 15 | 931 | 58637 | 27 | 16 | 03 | 1 |
| 486 | ELY | 012 | | | | 485 | | | | 031 | 12647 | | | 920 | 59755 | | | 03 | 1 |
| 493 | OAKLAND | 038 | 15101 | 29 | 12 | 496 | 18013 | 25 | 3 | 034 | 11990 | 03 | 6 | 928 | 57991 | 28 | 20 | 03 | 1 |
| 506 | NANTUCKET | 038 | 22211 | 24 | 20 | 502 | 18111 | 26 | 25 | 039 | 08555 | 27 | 35 | 920 | 58725 | 30 | 44 | 03 | 1 |
| 518 | ALBANY | 034 | 23217 | 20 | 7 | 498 | 16132 | 28 | 21 | 032 | 06013 | 27 | 33 | 910 | 60622 | | | 03 | 1 |
| 520 | PITTSBURGH | 042 | | | | 505 | 17117 | | | 036 | 05007 | | | 918 | 57632 | | | 03 | 1 |
| 528 | BUFFALO | 038 | | | | 497 | 15112 | 24 | 17 | 030 | 09622 | 29 | 16 | 915 | 58696 | | | 03 | 1 |
| 534 | CHICAGO | 034 | | | | 497 | 16134 | 23 | 4 | 034 | 08046 | 28 | 26 | 925 | 54996 | 28 | 29 | 03 | 1 |
| 536 | TOLEDO | 038 | | | | 500 | 16122 | | | 037 | 08041 | | | 922 | 57615 | | | 03 | 1 |
| 553 | OMAHA | 010 | | | | 482 | 25166 | 22 | 35 | 034 | 14064 | 26 | 22 | 932 | 56599 | 26 | 23 | 03 | 1 |
| 562 | N PLATTE | 502 | | | | 475 | 27119 | 34 | 9 | 027 | 13081 | 24 | 19 | 919 | 55588 | | | 03 | 1 |
| 576 | LANDER | 014 | | | | 484 | | | | 027 | 08602 | 27 | 21 | 911 | 59996 | 27 | 50 | 03 | 1 |
| 597 | MEDFORD | 037 | | | | 500 | 15039 | 29 | 8 | 030 | 05673 | 27 | 7 | 905 | 61752 | 29 | 17 | 03 | 1 |
| 606 | PORTLAND | 024 | 21179 | 25 | 6 | 488 | 18092 | 27 | 23 | 021 | 07523 | 27 | 37 | 899 | 60733 | | | 03 | 1 |
| 655 | ST CLOUD | 030 | | | | 495 | 16124 | 16 | 28 | 034 | 11513 | 22 | 22 | 919 | 59733 | 26 | 27 | 03 | 1 |
| 681 | BOISE | 036 | | | | 499 | 17013 | 34 | 13 | 030 | 03585 | 29 | 20 | 901 | 63993 | 28 | 21 | 03 | 1 |
| 712 | CARIBOU | 020 | | | | 475 | 12071 | 28 | 29 | 000 | 05990 | 26 | 32 | 874 | 62723 | 26 | 57 | 03 | 1 |
| 734 | SAULT MARIE | 044 | | | | 492 | 11534 | 35 | 7 | 020 | 06561 | 29 | 18 | 900 | 59695 | 30 | 21 | 03 | 1 |
| 747 | INTL FALLS | 029 | | | | 482 | 15043 | 17 | 22 | 014 | 06011 | 21 | 26 | 891 | 62641 | 25 | 29 | 03 | 1 |
| 764 | BISMARCK | 008 | | | | 462 | 13065 | 30 | 32 | 994 | 06590 | 25 | 40 | 867 | 62992 | 23 | 52 | 03 | 1 |
| 768 | GLASGOW | 016 | | | | 470 | 10057 | 30 | 23 | 992 | 00541 | 28 | 33 | 847 | 68714 | | | 03 | 1 |
| 775 | GREAT FALLS | 033 | | | | 488 | 12502 | 28 | 30 | 008 | 51555 | 30 | 22 | 859 | 68727 | | | 03 | 1 |
| 785 | SPOKANE | 046 | | | | 502 | 18021 | 25 | 10 | 022 | 52551 | 29 | 11 | 879 | 65783 | 29 | 17 | 03 | 1 |
| 798 | TATOOSH IS | 059 | 12082 | 27 | 5 | 500 | 07533 | 27 | 7 | 018 | 00521 | 26 | 10 | 884 | 62749 | 31 | 18 | 03 | 1 |
| 807 | ARGENTIA | 033 | 14124 | | | 484 | 16084 | | | 017 | 06002 | | | 894 | 61990 | | | 03 | 1 |
| 815 | STEPHENVILLE | 016 | 18143 | | | 468 | 11047 | 26 | 25 | 992 | 04993 | 27 | 37 | 866 | 62736 | 26 | 43 | 03 | 1 |
| 816 | GOOSE | | | | | 444 | 09080 | 26 | 9 | 964 | 00997 | 22 | 15 | 823 | 68705 | 25 | 36 | 03 | 1 |
| 826 | NITCHEQUON | 500 | | | | 440 | 01002 | | | 941 | 53544 | | | 797 | 66699 | | | 03 | 1 |
| 836 | MOOSONEE | 039 | 11074 | | | 479 | 00524 | | | 990 | 01627 | | | *** | ***** | | | 03 | 1 |
| 867 | THE PAS | 026 | | | | 463 | 05014 | | | 986 | 51522 | | | 847 | 64672 | | | 03 | 1 |
| 879 | EDMONTON | 026 | | | | 478 | 09064 | 05 | 4 | 997 | 51522 | 31 | 11 | 853 | 65757 | 32 | 21 | 03 | 1 |
| 896 | PRINCE GEORG | 032 | | | | 486 | 11602 | 22 | 15 | 007 | 00502 | 26 | 17 | 866 | 65699 | 26 | 14 | 03 | 1 |
| 906 | FT CHIMO | 530 | | | | 437 | 04037 | | | 954 | 00531 | | | 813 | 66691 | | | 03 | 1 |
| 907 | PORT HARRISN | 006 | 12107 | | | 642 | 01002 | | | 951 | 54559 | | | 799 | 68709 | | | 03 | 1 |
| 913 | CHURCHILL | 036 | 14094 | 14 | 4 | 476 | 04512 | 22 | 9 | 986 | 57582 | 27 | 14 | 826 | 72787 | 25 | 30 | 03 | 1 |
| 915 | CORAL HARBOR | 030 | 09071 | | | 468 | 02008 | | | 975 | 55601 | | | 821 | 67736 | | | 03 | 1 |
| 917 | EUREKA | 025 | 04515 | 32 | 8 | 454 | 53597 | 01 | 15 | 953 | 58667 | 02 | 25 | 783 | 75994 | 04 | 33 | 03 | 1 |
| 918 | ARCTIC BAY | 020 | 05030 | | | 450 | 02512 | | | 958 | 56591 | | | 798 | 71817 | | | 03 | 1 |
| 924 | RESOLUTE | 027 | 01001 | 33 | 18 | 452 | 02584 | 35 | 19 | 962 | 54724 | 34 | 17 | 803 | 69804 | 31 | 16 | 03 | 1 |
| 926 | BAKER LAKE | 101 | 59 | | | | | | | *** | ***** | | | *** | ***** | | | 03 | 1 |
| 934 | FT SMITH | 028 | | | | 476 | 06017 | | | 989 | 53990 | | | 835 | 71991 | | | 03 | 1 |
| 938 | COPPERMINE | 041 | 06047 | | | 479 | 04565 | | | 984 | 54643 | | | 828 | 69790 | | | 02 | 1 |
| 945 | FORT NELSON | 021 | | | | 474 | 13089 | | | 999 | 00534 | | | 863 | 62641 | | | 03 | 1 |
| 964 | WHITEHORSE | 025 | | | | 471 | 06009 | 23 | 11 | 983 | 54597 | 14 | 8 | 822 | 72777 | 10 | 21 | 03 | 1 |
| 968 | AKLAVIK | 028 | 19111 | | | 482 | 10003 | | | 001 | 01644 | | | 866 | 63809 | | | 03 | 1 |
| | BLOCK 74 | | | | | | | | | | | | | | | | | | |
| 043 | NORMAN WELLS | 024 | | | | 479 | 12043 | | | 002 | 00534 | | | 858 | 65762 | | | 03 | 1 |
| 072 | MOULD BAY | 048 | 02 | | | 467 | | | | 984 | 54992 | | | 832 | 68998 | | | 03 | 1 |
| 074 | ISACHSEN | 040 | 00531 | | | 469 | 50565 | | | 973 | 56606 | | | 814 | 69996 | | | 03 | 1 |
| 090 | CLYDE RIVER | 013 | 05027 | 00 | | 446 | 05506 | 19 | 6 | 958 | 54680 | 29 | 94 | 905 | 69996 | 28 | 14 | 03 | 1 |
| 109 | PORT HARDY | 055 | 12127 | | | 497 | 06052 | | | 013 | 50555 | | | 877 | 60699 | | | 03 | 1 |
| | BLOCK 76 | | | | | | | | | | | | | | | | | | |
| 458 | MAZATLAN | 034 | 27235 | | | 501 | 20113 | | | 042 | 10043 | | | 931 | 57604 | | | 02 | 1 |
| 491 | C VICTORIA | 023 | | | | 495 | 22083 | | | 003 | 91154 | | | 093 | 56714 | | | 02 | 1 |
| 644 | MERIDA | 041 | 26221 | | | 507 | 18129 | | | 044 | 08007 | | | 932 | 56602 | | | 03 | 1 |
| 679 | TACUBAYA | 018 | | | | 492 | | | | 040 | 11074 | | | 931 | 57662 | | | 03 | 1 |
| | BLOCK 78 | | | | | | | | | | | | | | | | | | |
| 016 | KINDLEY FLD | 066 | 23217 | 08 | 7 | 526 | 15112 | 12 | 9 | 059 | 08513 | 02 | 9 | *** | ***** | | | 03 | 1 |



# RADIOSONDE AND RAWINSONDE DATA—Continued

| Index No. iii | 300 mb. hhh | 300 mb. TTTTT ddx | dd | ff | 200 mb. hhh | 200 mb. TTTTT ddx | dd | ff | 100 mb. hhh | 100 mb. TTTTT ddx | dd | ff | Hour GG | Code Type |
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| 246 | 968 | 82995 | | | 460 | 03992 | | | 500 | 04904 | | | 03 | 2 |
| 360 | 914 | 93984 | 28 | 38 | 178 | 97995 | 28 | 21 | | | | | 04 | 5 |
| 01 | | | | | | | | | | | | | | |
| 001 | 900 | 98996 | | | 154 | 94997 | | | | | | | 03 | 8 |
| 030 | 895 | 06 7 | | | 147 | 96 9 | | | 607 | 97**7 | | | 03 | 8 |
| 384 | 925 | 99053 | 32 | 7 | | | | | | | | | 03 | 5 |
| 415 | 999 | 99999 | | | 999 | 99999 | | | | | | | 03 | 8 |
| 02 | | | | | | | | | | | | | | |
| 057 | 919 | 97994 | | | 183 | 96998 | | | 648 | 91997 | | | 03 | 8 |
| 077 | 929 | 94992 | 20 | 21 | 190 | 02997 | 20 | 21 | 649 | 94995 | | | 03 | 5 |
| 084 | 931 | 93994 | | | 195 | 99990 | | | | | | | 03 | 8 |
| 974 | 333 | 92991 | | | 944 | 14990 | | | | | | | 02 | 7 |
| 03 | | | | | | | | | | | | | | |
| 005 | 064 | 52 | 29 | 19 | | | | | | | | | 02 | 2 |
| 026 | 061 | 55 0 | | | | | | | | | | | 02 | 2 |
| 171 | 052 | 55 0 | | | 918 | 35 0 | | | 388 | 37**0 | | | 02 | 7 |
| 322 | 094 | 64540 | 30 | 39 | | | | | | | | | 08 | 2 |
| 476 | 077 | 56 0 | 30 | 51 | | | | | | | | | 02 | |
| 743 | 087 | | 29 | 36 | 953 | 28 0 | 25 | 47 | 400 | 33**0 | 28 | 14 | 02 | 2 |
| 808 | 119 | 70614 | 26 | 30 | | | | | | | | | 02 | 2 |
| 917 | 036 | 59 0 | 30 | 45 | | | | | | | | | 02 | 2 |
| 953 | 103 | 65 0 | | | 983 | 31 0 | | | | | | | 03 | 7 |
| 04 | | | | | | | | | | | | | | |
| 018 | 035 | 91993 | 11 | 72 | 689 | 61199 | 00 | | | | | | 03 | 1 |
| 202 | 101 | 43 | | | | | | | | | | | 03 | 1 |
| 270 | 101 | 58 | | | | | | | | | | | 03 | 1 |
| 339 | 101 | 52 | | | | | | | | | | | 03 | 1 |
| 360 | 918 | 94999 | 13 | 29 | | | | | | | | | 03 | 5 |
| 06 | | | | | | | | | | | | | | |
| 011 | 924 | 97995 | | | 181 | 07999 | | | 627 | 01991 | | | 03 | 8 |
| 260 | 938 | 91 | | | | | | | | | | | 03 | 8 |
| 447 | 354 | 92 3 | | | 955 | 11 0 | | | 345 | 07**3 | | | 03 | 8 |
| 610 | 415 | 89913 | 31 | 60 | 090 | 02 0 | 37 | 65 | | | | | 05 | 5 |
| 07 | | | | | | | | | | | | | | |
| 110 | 943 | 92 7 | 28 | 21 | | | | | | | | | 02 | 5 |
| 145 | 946 | 87912 | | | | | | | | | | | 02 | 8 |
| 190 | 933 | 90 4 | | | | | | | | | | | 02 | 8 |
| 480 | 949 | 89971 | | | 216 | 06 1 | | | 653 | 10**0 | | | 02 | 8 |
| 510 | 949 | 88954 | | | 216 | 07 1 | | | 650 | 11**7 | | | 02 | 8 |
| 645 | 946 | 90 4 | | | 211 | 03 4 | | | 649 | 13**1 | | | 02 | 8 |
| 08 | | | | | | | | | | | | | | |
| 509 | 199 | 84897 | 26 | 22 | 083 | 07997 | 26 | 47 | | | | | 03 | 1 |
| 521 | 973 | 81934 | | | 249 | 00993 | | | 676 | 19999 | | | 14 | 8 |
| 536 | 963 | 86998 | | | 233 | 00995 | | | 663 | 14990 | | | 14 | 8 |
| 10 | | | | | | | | | | | | | | |
| 338 | 037 | 56220 | | | | | | | 405 | 43**0 | | | 02 | 7 |
| 384 | 927 | 92999 | 08 | 14 | 165 | 97992 | 34 | 10 | | | | | 03 | 5 |
| 419 | 052 | 55 0 | 32 | 69 | | | | | | | | | 02 | 2 |
| 633 | 932 | 91998 | 82 | | 199 | 99990 | | | 655 | 96994 | | | 03 | 5 |
| 866 | 101 | 43 | | | | | | | | | | | 03 | 5 |
| 11 | | | | | | | | | | | | | | |
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| 567 | 933 | 90992 | | | 200 | 99994 | | | | | | | 05 | 5 |
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| 42 | | | | | | | | | | | | | | |
| 182 | 974 | 77 | | | 249 | 06 | | | | | | | 15 | 8 |
| 339 | 975 | 81 | | | | | | | | | | | 15 | 8 |
| 475 | 101 | 43 | | | | | | | | | | | 15 | 8 |
| 807 | 971 | 75 | | | 255 | 93 | | | | | | | 15 | 8 |
| 867 | 967 | 77 | | | | | | | | | | | 14 | 8 |
| 909 | 973 | | | | 253 | | | | | | | | 14 | 8 |
| 43 | | | | | | | | | | | | | | |
| 063 | 975 | 73 | | | | | | | | | | | 14 | 8 |
| 149 | 969 | 79 | | | | | | | | | | | 14 | 8 |
| 279 | 101 | 43 | | | | | | | | | | | 14 | 8 |
| 371 | 968 | 81 | | | | | | | | | | | 15 | 8 |
| 45 | | | | | | | | | | | | | | |
| 007 | 101 | 50 | | | | | | | | | | | 22 | 8 |
| 47 | | | | | | | | | | | | | | |
| 580 | 833 | 72996 | 29 | 28 | 119 | 92992 | 28 | 44 | | | | | 03 | 1 |
| 635 | 226 | 77862 | 09 | 6 | 147 | 96997 | 09 | 13 | 578 | 16994 | 08 | 17 | 03 | 1 |
| 671 | 226 | 77997 | 07 | 18 | 142 | 98997 | 06 | 24 | 526 | 14996 | 05 | 31 | 03 | 1 |
| 808 | 101 | 42 | | | | | | | | | | | 03 | 1 |
| 931 | 101 | 59 | | | | | | | | | | | 03 | 1 |
| 60 | | | | | | | | | | | | | | |
| 155 | 101 | 50 | | | | | | | | | | | 02 | 8 |
| 390 | 101 | 43 | | | | | | | | | | | 02 | 5 |
| 61 | | | | | | | | | | | | | | |
| 642 | 964 | 82994 | 11 | 22 | 237 | 02 7 | 12 | 15 | | | | | 07 | 5 |
| 62 | | | | | | | | | | | | | | |
| 053 | 185 | 83570 | | | 106 | 51 | | | 545 | 12**0 | | | 02 | 7 |
| 366 | 101 | 43 | | | | | | | | | | | 03 | 5 |
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| 219 | 990 | 94998 | | | 894 | 90995 | | | | | | | 03 | 1 |
| 231 | 101 | 43 | | | | | | | | | | | 03 | 1 |
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| 273 | 037 | 93993 | 32 | 27 | | | | | | | | | 03 | 1 |
| 291 | 013 | 94996 | | | 884 | 96996 | | | 395 | 96995 | | | 04 | 1 |
| 316 | 101 | 42 | | | | | | | | | | | 03 | 1 |
| 350 | 035 | 95992 | | | 894 | 01990 | | | 387 | 97997 | | | 03 | 1 |
| 361 | 982 | 93992 | 33 | 27 | | | | | | | | | 03 | 1 |
| 398 | 035 | 93992 | | | 916 | 99999 | | | 423 | 97994 | | | 03 | 1 |
| 409 | 101 | 50 | | | | | | | | | | | 03 | 1 |
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| 454 | 168 | 79992 | | | 000 | 98995 | | | 552 | 98999 | | | 03 | 1 |
| 485 | 101 | 43 | | | | | | | | | | | 03 | 1 |
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| 202 | 016 | 27223 | 11 | 10 | 651 | 04037 | | | 610 | 02505 | | | 03 | 1 |
| 208 | 176 | 87911 | 02 | 30 | 065 | 02999 | 03 | 42 | 459 | 19995 | 08 | 33 | 03 | 1 |
| 211 | 178 | 83875 | | | 063 | 07991 | | | | | | | 03 | 1 |
| 219 | 189 | 81938 | | | 085 | 04996 | | | 462 | 21991 | | | 03 | 1 |
| 231 | 176 | 83914 | 03 | 30 | 066 | 05990 | 06 | 23 | 448 | ***** | | | 03 | 1 |
| 240 | 183 | 82934 | | | 079 | 04994 | | | 458 | 21996 | | | 03 | 1 |
| 250 | 183 | 83992 | 24 | 12 | 078 | 04990 | 24 | 18 | 453 | 21997 | 09 | 23 | 03 | 1 |
| 253 | 179 | 84992 | 10 | 16 | | | | | | | | | 03 | 1 |
| 259 | 182 | 81997 | 09 | 23 | 083 | 00992 | 10 | 40 | 492 | ***** | | | 03 | 1 |
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| 270 | 190 | 81993 | | | 090 | 02999 | | | 479 | ***** | | | 03 | 1 |
| 278 | 182 | 82883 | 29 | 4 | 078 | | | | | | | | 03 | 1 |
| 304 | 185 | 83946 | 19 | 21 | 077 | 04997 | 04 | 22 | 467 | 19997 | 04 | 15 | 03 | 1 |
| 317 | 178 | 80925 | 06 | 33 | 072 | 04998 | 03 | 51 | 461 | ***** | | | 03 | 1 |
| 327 | 188 | 82872 | 03 | 23 | 078 | 06998 | 02 | 35 | | | | | 03 | 1 |
| 340 | 202 | 78914 | 09 | 25 | 109 | 01999 | 07 | 18 | 491 | 21996 | 08 | 20 | 03 | 1 |
| 353 | 206 | 80999 | 09 | 16 | 110 | 01999 | 12 | 11 | 488 | 22992 | 06 | 9 | 03 | 1 |
| 365 | 191 | 81895 | 19 | 12 | 086 | 04996 | 20 | 15 | | | | | 03 | 1 |
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| 394 | 172 | 88998 | 25 | 24 | 068 | 03993 | 27 | 12 | 455 | ***** | | | 03 | 1 |
| 405 | 188 | 80903 | | | 090 | 02994 | | | 484 | ***** | | | 03 | 1 |
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| 451 | 209 | 79999 | | | 112 | 01994 | | | 488 | 23990 | | | 03 | 1 |
| 476 | 176 | 80993 | 25 | 65 | 079 | 02991 | | | 469 | 16990 | | | 03 | 1 |
| 486 | 156 | 83998 | | | 053 | 02998 | | | 447 | 20993 | | | 03 | 1 |
| 493 | 168 | 83990 | | | 066 | 01997 | | | 472 | 14999 | | | 03 | 1 |
| 506 | 155 | 85942 | 30 | 44 | 043 | 05996 | | | | | | | 03 | 1 |
| 518 | 142 | 86893 | | | 022 | 07998 | | | 427 | ***** | | | 03 | 1 |
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| 534 | 179 | 81991 | | | 081 | 02993 | | | 464 | ***** | | | 03 | 1 |
| 536 | 169 | 80999 | | | 066 | 03998 | | | 440 | 19992 | | | 03 | 1 |
| 553 | 182 | 80997 | | | 086 | 02990 | | | 462 | ***** | | | 03 | 1 |
| 562 | 170 | 81998 | | | | | | | | | | | 03 | 1 |
| 576 | 136 | 88982 | | | 022 | 03990 | | | 444 | ***** | | | 03 | 1 |
| 597 | 120 | 89017 | 27 | 27 | 995 | 05994 | 26 | 44 | | | | | 03 | 1 |
| 606 | 125 | 88980 | | | 995 | 06993 | | | 414 | 07996 | | | 03 | 1 |
| 655 | 156 | 83904 | 26 | 60 | 054 | 03990 | 26 | 80 | 449 | 12991 | | | 03 | 1 |
| 681 | 117 | 89991 | 28 | 46 | 988 | 06995 | | | 428 | ***** | | | 03 | 1 |
| 712 | 086 | 91990 | | | 961 | 00991 | | | | | | | 03 | 1 |
| 734 | 128 | 87994 | 30 | 55 | 017 | 02993 | 80 | 4 | 438 | ***** | | | 03 | 1 |
| 747 | 117 | 85999 | 25 | 35 | 002 | 04991 | 75 | 1 | 428 | ***** | | | 03 | 1 |
| 764 | 080 | 88998 | | | 968 | 02994 | | | 398 | 04992 | | | 03 | 1 |
| 768 | 027 | 94997 | | | 925 | 92997 | | | | | | | 03 | 1 |
| 775 | 370 | 98990 | | | | | | | | | | | 03 | 1 |
| 785 | 060 | 92994 | 31 | 40 | 941 | | | | | | | | 03 | 1 |
| 798 | 095 | 90991 | 30 | 28 | 960 | 11993 | 31 | 30 | 413 | ***** | | | 03 | 1 |
| 807 | 101 | 50 | | | | | | | | | | | 03 | 1 |
| 815 | 078 | 90990 | | | | | | | | | | | 03 | 1 |
| 816 | 014 | 92991 | 23 | 48 | 896 | 97994 | 25 | 52 | | | | | 03 | 1 |
| 826 | 999 | 91991 | | | 889 | 93994 | | | 398 | ***** | | | 03 | 1 |
| 836 | 101 | 50 | | | | | | | | | | | 03 | 1 |
| 867 | 057 | 89999 | | | 909 | 02991 | | | 418 | ***** | | | 03 | 1 |
| 879 | 045 | 94998 | 31 | 27 | 906 | 01990 | 31 | 22 | | | | | 03 | 1 |
| 896 | 066 | 91991 | 29 | 34 | 928 | 09992 | 29 | 40 | 404 | 00990 | 26 | 5 | 03 | 1 |
| 906 | 013 | 91997 | | | 880 | 02999 | | | | | | | 03 | 1 |
| 907 | 991 | 90942 | | | | | | | | | | | 03 | 1 |
| 913 | 998 | 95999 | 25 | 53 | 876 | 96998 | 24 | 25 | 053 | 97999 | 25 | 10 | 03 | 1 |
| 915 | 020 | 92999 | | | 880 | 06990 | | | | | | | 03 | 1 |
| 917 | 945 | 90998 | 05 | 47 | | | | | | | | | 03 | 1 |
| 918 | 969 | 97991 | | | 835 | 96998 | | | 318 | 94997 | | | 03 | 1 |
| 924 | 982 | 95992 | 31 | 38 | | | | | | | | | 03 | 1 |
| 926 | 101 | 59 | | | | | | | | | | | 03 | 1 |
| 934 | 005 | 98991 | | | 872 | 97996 | | | 379 | 96995 | | | 03 | 1 |
| 938 | 007 | 96992 | | | 884 | 95996 | | | | | | | 02 | 1 |
| 945 | 080 | | | | | | | | | | | | 03 | 1 |
| 964 | 994 | 92991 | 11 | 63 | 888 | 93991 | | | | | | | 03 | 1 |
| 968 | 067 | 92997 | | | 944 | 97991 | | | 466 | 92998 | | | 03 | 1 |
| 74 | | | | | | | | | | | | | | |
| 043 | 054 | 95997 | | | 917 | 98992 | | | 431 | 93994 | | | 03 | 1 |
| 072 | 021 | 92998 | | | | | | | | | | | 03 | 1 |
| 074 | 995 | 94993 | | | 887 | 91999 | | | | | | | 03 | 1 |
| 090 | 986 | 96991 | 26 | 10 | 849 | 98991 | 36 | 4 | 367 | 92999 | 33 | 9 | 03 | 1 |
| 109 | 107 | 86919 | | | 986 | 07994 | | | 468 | 97998 | | | 03 | 1 |
| 76 | | | | | | | | | | | | | | |
| 458 | 175 | 83881 | | | 067 | 06992 | | | | | | | 02 | 1 |
| 491 | 176 | 83938 | | | 067 | 04997 | | | 438 | 03992 | | | 02 | 1 |
| 644 | 178 | 83871 | | | 070 | 05996 | | | 435 | 24990 | | | 03 | 1 |
| 679 | 174 | 84901 | | | 060 | 07996 | | | | | | | 03 | 1 |
| 78 | | | | | | | | | | | | | | |
| 016 | 181 | 85990 | 12 | 5 | 071 | 04999 | | | | | | | 03 | 1 |

# RADIOSONDE AND RAWINSONDE DATA
## SIGNIFICANT LEVELS

| Index No. iii | 1st. 5th. etc. Level PPP | 1st. 5th. etc. Level TTTTT ddx | 2nd. 6th. etc. Level PPP | 2nd. 6th. etc. Level TTTTT ddx | 3rd. 7th. etc. Level PPP | 3rd. 7th. etc. Level TTTTT ddx | 4th. 8th. etc. Level PPP | 4th. 8th. etc. Level TTTTT ddx | Hour GG | Code Type |
|---|---|---|---|---|---|---|---|---|---|---|
| 246 | 018 | 13126 | 840 | 14096 | 758 | 12065 | 590 | 50526 | 03 | 2 |
| 360 | 016 | 09071 | 948 | 03026 | 925 | 07023 | 580 | 65702 | 04 | 5 |
| 01 | | | | | | | | | | |
| 001 | 014 | 05002 | 963 | 00524 | 922 | 50516 | 897 | 52531 | 03 | 8 |
| 030 | 013 | 09065 | 682 | 64655 | 653 | 62639 | 580 | 69701 | 03 | 8 |
| 384 | 993 | 11087 | 926 | 07045 | 916 | 07057 | 806 | 03039 | 03 | 5 |
| 415 | 015 | 09086 | 965 | 12097 | 803 | 04024 | 756 | 00513 | 03 | 8 |
| 02 | | | | | | | | | | |
| 057 | 016 | 09086 | 996 | 12112 | 929 | 10075 | 757 | 54561 | 03 | 8 |
| 077 | 010 | 12105 | 979 | 10100 | 941 | 13079 | 799 | 04021 | 03 | 5 |
| 084 | 012 | 14134 | 934 | 13108 | 750 | 06054 | 735 | 02504 | 03 | 8 |
| 974 | 006 | 15157 | 975 | 231 | 938 | 16090 | 626 | 57586 | 03 | 7 |
| 03 | | | | | | | | | | |
| 005 | 007 | 49490 | | | | | | | 02 | 2 |
| 026 | 009 | 57560 | | | | | | | 02 | 2 |
| 171 | 013 | 56540 | 882 | 49480 | 843 | 50430 | 715 | 31300 | 02 | 7 |
| 322 | 015 | 61590 | | | | | | | 08 | 2 |
| 476 | 015 | 57546 | | | | | | | 02 | |
| 743 | 004 | 55510 | 964 | 56500 | 440 | 96850 | 221 | 30**0 | 02 | 2 |
| 808 | 015 | 06540 | | | | | | | 02 | 2 |
| 917 | 006 | 60570 | | | | | | | 02 | 2 |
| 953 | 015 | 60 0 | 778 | 40 0 | 746 | 40**0 | 678 | 32**0 | 03 | 7 |
| 04 | | | | | | | | | | |
| 018 | 003 | 11072 | 930 | 06032 | 877 | 07023 | 832 | 05544 | 03 | 1 |
| 202 | 997 | 05047 | 984 | 06017 | 827 | 52542 | 813 | 52543 | 03 | 1 |
| 270 | | | | | | | | | | |
| 339 | | | | | | | | | | |
| 360 | 003 | 08 | 968 | 10070 | 824 | 01010 | 774 | 02020 | 03 | 5 |
| 06 | | | | | | | | | | |
| 011 | 014 | 10087 | | | | | | | 03 | 8 |
| 260 | 020 | 07072 | 015 | 13130 | 003 | 14130 | 862 | 06023 | 03 | 8 |
| 447 | 008 | 10090 | 993 | 13092 | 976 | 13074 | 901 | 08055 | 03 | 8 |
| 610 | 962 | 09097 | 903 | 09067 | 753 | 00577 | 678 | 50625 | 05 | 5 |
| 07 | | | | | | | | | | |
| 110 | 100 | 12111 | 995 | 15127 | 952 | 16110 | 889 | 13073 | 02 | 5 |
| 145 | 001 | 12089 | 950 | 15102 | 920 | 15101 | 865 | 11065 | 02 | 8 |
| 190 | 002 | 09085 | 990 | 11084 | 980 | 11086 | 880 | 07022 | 02 | 8 |
| 480 | 994 | 13071 | 962 | 16100 | 912 | 15085 | 808 | 09011 | 02 | 8 |
| 510 | 012 | 15111 | 974 | 20122 | 937 | 17094 | 850 | 12034 | 02 | 8 |
| 645 | 008 | 20083 | 962 | 18095 | 892 | 18071 | 840 | 12008 | 02 | 8 |
| 08 | | | | | | | | | | |
| 509 | 007 | 19162 | 925 | 19171 | 835 | 15054 | 780 | 16024 | 03 | 1 |
| 521 | 013 | 24189 | 972 | 21156 | 950 | 21126 | 940 | 22079 | 14 | 8 |
| 536 | 010 | 27154 | 940 | 20113 | 900 | 21090 | 724 | 08515 | 14 | 8 |
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| 338 | 012 | 50470 | 867 | 37340 | 823 | 42360 | 521 | 05870 | 02 | 7 |
| 384 | 008 | 12095 | 877 | 06069 | 807 | 02016 | 788 | 03565 | 03 | 5 |
| 419 | 959 | 53490 | | | | | | | 02 | 2 |
| 633 | 004 | 10085 | 976 | 12083 | 964 | 11087 | 817 | 01507 | 03 | 5 |
| 866 | 958 | 09062 | 934 | 11048 | 650 | 59625 | 600 | 60826 | 03 | 5 |
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| 030 | 996 | 10085 | 950 | 10056 | 787 | 51510 | 675 | 59592 | 03 | 5 |
| 567 | 982 | 11073 | 835 | 04518 | 757 | 52612 | 445 | 68804 | 05 | 5 |
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| 130 | 903 | 20088 | | | 657 | 04251 | 649 | 03544 | 02 | 8 |
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| 182 | 974 | 2523 | 912 | 2121 | 575 | 0603* | 194 | 07*** | 15 | 8 |
| 339 | 974 | 3222 | 936 | 3021 | 754 | 1615* | 726 | 1907* | 15 | 8 |
| 475 | 987 | 2724 | 958 | 2721 | 835 | 1717* | 459 | 5555* | 15 | 8 |
| 807 | 999 | 2726 | 937 | 2221 | 176 | 99*** | | | 15 | 8 |
| 867 | 967 | 2922 | 638 | 0404 | 213 | 97*** | | | 14 | 8 |
| 909 | 003 | 2725 | 668 | 1353 | 624 | 1050* | 456 | 57*** | 14 | 8 |
| 43 | | | | | | | | | | |
| 063 | 945 | 2519 | 665 | 1151 | 590 | 0355* | 376 | 67*** | 14 | 8 |
| 149 | 998 | 2825 | 957 | 2625 | 623 | 0251* | 553 | 5060* | 14 | 8 |
| 279 | 005 | 2925 | 962 | 2720 | 921 | 2720* | 742 | 1310* | 14 | 8 |
| 371 | 002 | 2422 | 523 | 5355 | 230 | 97*** | | | 15 | 8 |
| 45 | | | | | | | | | | |
| 007 | 009 | 28240 | 950 | 25230 | 900 | 22190 | 800 | 17110 | 22 | 8 |
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| 580 | 006 | 29229 | 765 | 13122 | 748 | 14102 | 600 | 06655 | 03 | 1 |
| 635 | 014 | 31207 | 905 | 24218 | 751 | 10079 | 663 | 09502 | 03 | 1 |
| 671 | 013 | 30226 | 890 | 22167 | 865 | 23134 | 664 | 09011 | 03 | 1 |
| 808 | | | | | | | | | | |
| 931 | | | | | | | | | | |
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| 155 | 012 | 20193 | 000 | 18156 | 955 | 17162 | 942 | | 02 | 8 |
| 390 | 012 | 21150 | 980 | 27178 | 965 | 26145 | 920 | 25110 | 02 | 5 |
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| 642 | 006 | 24228 | 920 | 18189 | 904 | 21179 | 820 | 15098 | 07 | 5 |
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| 133 | 012 | 14106 | 794 | 03523 | 400 | 83854 | 345 | 90933 | 03 | 1 |
| 200 | 011 | 12101 | 640 | 63632 | 400 | 85894 | 360 | 89939 | 03 | 1 |
| 204 | 012 | 06053 | 637 | 62644 | 555 | 66765 | 420 | 80934 | 03 | 1 |
| 219 | 007 | 11072 | 660 | 54555 | 557 | 64671 | 537 | 64675 | 03 | 1 |
| 231 | 997 | 17075 | 962 | 12041 | 754 | 54553 | 613 | 58744 | 03 | 1 |
| 261 | 992 | 16134 | 837 | 06051 | 427 | 75851 | 400 | 78856 | 03 | 1 |
| 273 | 006 | 17104 | 804 | 01515 | 790 | 02509 | 546 | 61784 | 03 | 1 |
| 291 | 948 | 15105 | 870 | 07051 | 659 | 55648 | 550 | 65709 | 04 | 1 |
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| 350 | 010 | 13078 | 906 | 04008 | 809 | 03008 | 634 | 56595 | 03 | 1 |
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| 398 | 013 | 12112 | 602 | 61634 | 510 | 67820 | 400 | 77996 | 03 | 1 |
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| 439 | 005 | 08089 | 956 | 15159 | 846 | 14132 | | 14093 | 03 | 1 |
| 454 | 015 | 11093 | 937 | 13112 | 912 | 17113 | 594 | 01517 | 03 | 1 |
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| 202 | 554 | 52632 | 485 | 58615 | 400 | 67735 | 320 | 78828 | 03 | 1 |
| 208 | 018 | 24231 | 005 | 26248 | 900 | 21107 | 790 | 13035 | 03 | 1 |
| 211 | 017 | 23228 | 590 | 00513 | 400 | 67709 | 279 | 87915 | 03 | 1 |
| 219 | 984 | 24214 | 967 | 26202 | 645 | 05540 | 632 | 03517 | 03 | 1 |
| 231 | 014 | 24234 | 984 | 26203 | 526 | 54744 | 452 | 63661 | 03 | 1 |
| 240 | 013 | 23222 | 985 | 26232 | 921 | 24171 | 681 | 07022 | 03 | 1 |
| 250 | 010 | 27242 | 942 | 22207 | 928 | 24185 | 846 | 23004 | 03 | 1 |
| 253 | 984 | 27204 | 975 | 28994 | 903 | 24073 | 885 | 24142 | 03 | 1 |
| 259 | 988 | 31173 | 725 | 14595 | 658 | 09582 | 600 | 05685 | 03 | 1 |
| 265 | 921 | 32141 | 000 | | 866 | 26127 | 731 | 14098 | 03 | 1 |
| 270 | 878 | 30138 | 665 | 10055 | 604 | 04577 | 546 | 52594 | 03 | 1 |
| 278 | 968 | 36143 | 966 | 37990 | 880 | 30111 | 662 | 07023 | 03 | 1 |
| 304 | 021 | 25239 | 798 | 15063 | 769 | 13525 | 672 | 06578 | 03 | 1 |
| 317 | 987 | 24212 | 808 | 16053 | 540 | 54652 | 400 | 69756 | 03 | 1 |
| 327 | 995 | 26247 | 981 | 27216 | 795 | 16069 | 552 | 54571 | 03 | 1 |
| 340 | 003 | 28244 | 978 | 30233 | 672 | 10011 | 590 | 01524 | 03 | 1 |
| 353 | 964 | 30187 | 788 | 19121 | 771 | 19011 | 637 | 10622 | 03 | 1 |
| 365 | 837 | 25122 | 568 | 01557 | 544 | 50611 | 530 | 51571 | 03 | 1 |
| 386 | 931 | 35643 | 920 | 35990 | 640 | 05996 | 400 | 68995 | 03 | 1 |
| 394 | 006 | 14115 | 984 | 11107 | 932 | 19051 | 854 | 18555 | 03 | 1 |
| 405 | 012 | 26235 | 635 | 04542 | 623 | 03603 | 583 | 50562 | 03 | 1 |
| 445 | 982 | 25245 | 960 | 28278 | 814 | 18099 | 800 | 19518 | 03 | 1 |
| 451 | 917 | 29157 | 901 | 32164 | 443 | 59716 | 418 | 62697 | 03 | 1 |
| 476 | 849 | 26054 | 838 | 29035 | 501 | 58634 | 472 | 60771 | 03 | 1 |
| 486 | 809 | 20557 | 800 | 22574 | 744 | 17997 | 705 | 13632 | 03 | 1 |
| 493 | 013 | 17121 | 997 | 14096 | 983 | 15093 | 967 | 22073 | 03 | 1 |
| 506 | 012 | 21214 | 960 | 24224 | 612 | 00584 | *82 | 52692 | 03 | 1 |
| 518 | 002 | 23218 | 973 | 24207 | 768 | 11056 | 637 | 00527 | 03 | 1 |
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| 528 | 988 | 21177 | 807 | 13056 | 792 | 13614 | 768 | 13993 | 03 | 1 |
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| 553 | 969 | 28242 | 916 | 23218 | 888 | 27208 | 591 | 03574 | 03 | 1 |
| 562 | 909 | 26146 | 894 | 31145 | 668 | 09067 | 643 | 07014 | 03 | 1 |
| 576 | 829 | 18567 | 816 | 20557 | 676 | 05621 | 628 | 04674 | 03 | 1 |
| 597 | 968 | 25067 | 792 | 10012 | 768 | 10573 | 615 | 50714 | 03 | 1 |
| 606 | 006 | 22180 | 980 | 21174 | 970 | 24194 | 657 | 04672 | 03 | 1 |
| 655 | 975 | 22167 | 953 | 23148 | 810 | 12107 | 800 | 15104 | 03 | 1 |
| 681 | 917 | 22056 | 694 | 02589 | 671 | 02653 | 613 | 50994 | 03 | 1 |
| 712 | 985 | 17127 | 973 | 20127 | 785 | 07044 | 747 | 05001 | 03 | 1 |
| 734 | 990 | 10075 | 952 | 14073 | 876 | 11029 | 825 | 10637 | 03 | 1 |
| 747 | 969 | 15118 | 946 | 15108 | 899 | 13098 | 871 | 15511 | 03 | 1 |
| 764 | 946 | 16121 | 904 | 14062 | 842 | 16072 | 666 | 03617 | 03 | 1 |
| 768 | 933 | 14081 | 512 | 67701 | 400 | 81842 | 345 | 89937 | 03 | 1 |
| 775 | 887 | 15002 | 579 | 60624 | 400 | 80878 | 345 | 90008 | 03 | 1 |
| 785 | 935 | 19052 | 666 | 55574 | 639 | 54695 | 573 | 57746 | 03 | 1 |
| 798 | 018 | 13103 | 980 | 11061 | 893 | 05025 | 810 | 06576 | 03 | 1 |
| 807 | 010 | 14125 | 950 | 15126 | 864 | 14066 | 842 | 17076 | 03 | 1 |
| 815 | 005 | 18143 | 955 | 17146 | 708 | 03164 | 685 | 06995 | 03 | 1 |
| 816 | 994 | 14137 | 918 | 10099 | 890 | 10099 | 724 | 02012 | 03 | 1 |
| 826 | 940 | 07053 | 753 | 53536 | 664 | 54542 | 400 | 77853 | 03 | 1 |
| 836 | 013 | 11077 | 963 | 10064 | 844 | 00523 | 822 | 02001 | 03 | 1 |
| 867 | 978 | 12092 | 960 | 12082 | 832 | 04508 | 809 | 05034 | 03 | 1 |
| 879 | 934 | 16109 | 638 | 55553 | 554 | 61647 | 520 | 64728 | 03 | 1 |
| 896 | 935 | 14137 | 865 | 12074 | 605 | 56576 | 580 | 60637 | 03 | 1 |
| 906 | 996 | 11087 | 907 | 05036 | 876 | 05036 | 856 | 04034 | 03 | 1 |
| 907 | 000 | 12107 | 960 | 07043 | 867 | 01006 | 770 | 00503 | 03 | 1 |
| 913 | 012 | 14105 | 977 | 14065 | 944 | 11034 | 811 | 00538 | 03 | 1 |
| 915 | 004 | 09072 | 970 | 07052 | 920 | 06042 | 768 | 52545 | 03 | 1 |
| 917 | 009 | 04502 | 993 | 04028 | 932 | 01564 | 814 | 56592 | 03 | 1 |
| 918 | 006 | 05029 | 810 | 01514 | 890 | 02005 | 858 | 41514 | 03 | 1 |
| 924 | 008 | 01009 | 935 | 53543 | 907 | 00522 | 870 | 00561 | 03 | 1 |
| 926 | | | | | | | | | | |
| 934 | 986 | 16088 | 817 | 03007 | 794 | 01556 | 775 | 02626 | 03 | 1 |
| 938 | 015 | 06045 | 970 | 07035 | 953 | 07025 | 890 | 05558 | 02 | 1 |
| 945 | 964 | 14144 | 936 | 15102 | 826 | 11052 | 670 | 52551 | 03 | 1 |
| 964 | 929 | 12051 | 730 | 53561 | 632 | 60661 | 566 | 66692 | 03 | 1 |
| 968 | 009 | 19119 | 982 | 18091 | 962 | 18087 | 765 | 03564 | 03 | 1 |
| 74 | | | | | | | | | | |
| 043 | 998 | 23082 | 593 | 59634 | 572 | 59712 | 446 | 70805 | 03 | 1 |
| 072 | 016 | 03009 | 968 | 51536 | 949 | 01519 | 887 | 03563 | 03 | 1 |
| 074 | 012 | 01503 | 982 | 50574 | 967 | 02529 | 938 | 03532 | 03 | 1 |
| 090 | 004 | 05016 | 930 | 06027 | 910 | 05104 | 890 | 08033 | 03 | 1 |
| 109 | 018 | 13134 | 938 | 10081 | 764 | 02012 | 750 | 01501 | 03 | 1 |
| 76 | | | | | | | | | | |
| 458 | 010 | 28233 | 535 | 54565 | 500 | 67717 | 261 | 88954 | 02 | 1 |
| 491 | 971 | 31182 | 874 | 23124 | 791 | 19524 | 726 | 13509 | 02 | 1 |
| 644 | 011 | 25224 | 939 | 24183 | 761 | 12026 | 618 | 02565 | 03 | 1 |
| 679 | 775 | 18104 | 628 | 04002 | 559 | 52602 | 586 | 54707 | 03 | 1 |
| 78 | | | | | | | | | | |
| 016 | 023 | 25227 | 926 | 18179 | 825 | 14099 | 810 | 14074 | 03 | 1 |

# RADIOSONDE AND RAWINSONDE DATA
## SIGNIFICANT LEVELS

| Index No. iii | 1st. 5th. etc. Level PPP | 1st. 5th. etc. Level TTTTT ddx | 2nd. 6th. etc. Level PPP | 2nd. 6th. etc. Level TTTTT ddx | 3rd. 7th. etc. Level PPP | 3rd. 7th. etc. Level TTTTT ddx | 4th. 8th. etc. Level PPP | 4th. 8th. etc. Level TTTTT ddx | Hour GG | Code Type |
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| 246 | 460 | 63656 | 425 | 63715 | 400 | 67996 | 295 | 83995 | 03 | 2 |
| 360 | 586 | 64707 | 400 | 82863 | 232 | 05995 | | | 04 | 5 |
| 01 | | | | | | | | | | |
| 001 | 835 | 52529 | 782 | 55551 | 650 | 64655 | 631 | 64651 | 03 | 8 |
| 030 | 526 | 71729 | 400 | 88891 | 275 | 12**4 | 220 | 96**2 | 03 | 8 |
| 384 | 733 | 50505 | 666 | 55550 | 400 | 83873 | 308 | 99033 | 03 | 5 |
| 415 | 581 | 60688 | 539 | 65734 | | | | | 03 | 8 |
| 02 | | | | | | | | | | |
| 057 | 700 | 52568 | 265 | 02997 | 256 | 02998 | 252 | 03995 | 03 | 8 |
| 077 | 566 | 59597 | 233 | 98996 | 215 | 10993 | 194 | 98999 | 03 | 5 |
| 084 | 484 | 67744 | 465 | 68743 | 383 | 81871 | 235 | 06991 | 03 | 8 |
| 974 | 582 | 60605 | 565 | 59614 | 404 | 75992 | 115 | **999 | 03 | 7 |
| 03 | | | | | | | | | | |
| 005 | | | | | | | | | | |
| 026 | | | | | | | | | | |
| 171 | 571 | 12080 | 562 | 13090 | 492 | 02960 | 427 | 05680 | 02 | 7 |
| 322 | | | | | | | | | | |
| 476 | | | | | | | | | | |
| 743 | | | | | | | | | | |
| 808 | | | | | | | | | | |
| 917 | | | | | | | | | | |
| 953 | 658 | 32 0 | 548 | 13 0 | 528 | 13**0 | 489 | 10**0 | 03 | 7 |
| 04 | | | | | | | | | | |
| 018 | 678 | 54561 | 658 | 53567 | 523 | 65663 | 475 | 66762 | 03 | 1 |
| 202 | 719 | 59618 | 652 | 62745 | 400 | 87977 | | | 03 | 1 |
| 270 | | | | | | | | | | |
| 339 | | | | | | | | | | |
| 360 | 662 | 57990 | | | 579 | 62999 | 565 | 62999 | 03 | 5 |
| 06 | | | | | | | | | | |
| 011 | | | | | | | | | | |
| 260 | 847 | 05026 | 810 | 04544 | 783 | 02521 | 705 | 52614 | 03 | 8 |
| 447 | 696 | 53533 | 656 | 53552 | 541 | 60643 | 217 | 11**3 | 03 | 8 |
| 610 | 500 | 62669 | 453 | 68727 | 402 | 73752 | 258 | 95**4 | 05 | 5 |
| 07 | | | | | | | | | | |
| 110 | 850 | 11045 | 811 | 10030 | 743 | 05512 | 700 | 02542 | 02 | 5 |
| 145 | 775 | 02512 | 750 | 02522 | 767 | 02512 | 670 | 52562 | 02 | 8 |
| 190 | 845 | 01522 | 810 | 01511 | 740 | 54562 | 688 | 55619 | 02 | 8 |
| 480 | 778 | 09011 | 732 | 05534 | 650 | 02571 | 557 | 55654 | 02 | 8 |
| 510 | 819 | 12025 | 791 | 11011 | 757 | 10017 | 675 | 03062 | 02 | 8 |
| 645 | 822 | 12505 | 737 | 09533 | 705 | 04584 | 698 | 05573 | 02 | 8 |
| 08 | | | | | | | | | | |
| 509 | 677 | 11542 | 400 | 68757 | 274 | 90931 | 192 | 09999 | 03 | 1 |
| 521 | 916 | 22002 | 862 | 20082 | 800 | 18546 | 728 | 15588 | 14 | 8 |
| 536 | 678 | 06562 | 585 | 51682 | 400 | 70996 | 234 | 98995 | 14 | 8 |
| 10 | | | | | | | | | | |
| 338 | 405 | 87759 | 383 | 75 0 | 266 | 44**0 | 243 | 41**0 | 02 | 7 |
| 384 | 722 | 00571 | 661 | 53745 | 584 | 54736 | 400 | 78841 | 03 | 5 |
| 419 | | | | | | | | | | |
| 633 | 790 | 01565 | 736 | 52661 | 644 | 55644 | 545 | 62745 | 03 | 5 |
| 866 | 542 | 65761 | 518 | 66871 | 400 | 75997 | 340 | 82996 | 03 | 5 |
| 11 | | | | | | | | | | |
| 030 | 612 | 60775 | 554 | 65 8 | 400 | 81933 | 344 | 90953 | 03 | 5 |
| 567 | 238 | 02994 | 193 | 98995 | 145 | 96998 | | | 05 | 5 |
| 17 | | | | | | | | | | |
| 130 | 838 | 04634 | 610 | 02699 | 546 | 63990 | 524 | 54997 | 02 | 8 |
| 42 | | | | | | | | | | |
| 182 | 127 | 18 | | | | | | | 15 | 8 |
| 339 | 669 | 1758 | 504 | 5271 | 425 | 57*** | 256 | 91*** | 15 | 8 |
| 475 | | | | | | | | | | |
| 807 | | | | | | | | | | |
| 867 | | | | | | | | | | |
| 909 | 409 | 62 | 391 | 62 | 176 | 06*** | 150 | 15*** | 14 | 8 |
| 43 | | | | | | | | | | |
| 063 | 300 | 73 | | | | | | | 14 | 8 |
| 149 | 250 | 90 | | | | | | | 14 | 8 |
| 279 | 477 | 57 | | | | | | | 14 | 8 |
| 371 | | | | | | | | | | |
| 45 | | | | | | | | | | |
| 007 | 750 | 13060 | 650 | 07530 | 600 | 03570 | 550 | 51**0 | 22 | 8 |
| 47 | | | | | | | | | | |
| 580 | 550 | 02549 | 444 | 55683 | 400 | 59759 | 213 | 90990 | 03 | 1 |
| 635 | 628 | 06505 | 400 | 62766 | 251 | 85937 | 168 | 04991 | 03 | 1 |
| 671 | 623 | 05599 | 594 | 05657 | 526 | 50715 | 448 | 58763 | 03 | 1 |
| 808 | | | | | | | | | | |
| 931 | | | | | | | | | | |
| 60 | | | | | | | | | | |
| 155 | 920 | 82038 | 885 | 23552 | 850 | 21620 | 750 | 13758 | 02 | 8 |
| 390 | 850 | 28042 | 825 | 16013 | 583 | 02662 | 542 | 52700 | 02 | 5 |
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| 642 | 784 | 15032 | 722 | 09008 | 653 | 04997 | 605 | 00997 | 07 | 5 |
| 62 | | | | | | | | | | |
| 053 | | | | | | | | | | |
| 366 | 574 | 04 4 | 514 | 52 4 | 400 | 60**0 | | | 03 | 5 |
| 70 | | | | | | | | | | |
| 026 | 894 | 11008 | 866 | 10044 | 834 | 09551 | 794 | 06014 | 03 | 1 |
| 133 | 262 | 00990 | 050 | 91990 | | | | | 03 | 1 |
| 200 | | 94992 | 175 | 91997 | | | | | 03 | 1 |
| 204 | 400 | 83991 | 360 | 90990 | 307 | 97998 | 090 | 94995 | 03 | 1 |
| 219 | 400 | 79834 | 322 | 90941 | 281 | 98995 | 185 | 91994 | 03 | 1 |
| 231 | 575 | 61657 | 544 | 64692 | 520 | 65794 | 428 | 75863 | 03 | 1 |
| 261 | 317 | 90980 | | 06991 | 103 | 96995 | | | 03 | 1 |
| 273 | 458 | 71861 | 400 | 78863 | 330 | 88982 | 296 | 93999 | 03 | 1 |
| 291 | 484 | 71817 | 400 | 79853 | 234 | 90962 | 247 | 04998 | 04 | 1 |
| 316 | | | | | | | | | | |
| 350 | 488 | 67832 | 400 | 79995 | 332 | 90990 | 269 | 00998 | 03 | 1 |
| 361 | 365 | 89041 | 699 | 0 | | | | | 03 | 1 |
| 398 | 320 | 89998 | 251 | 00992 | 052 | 95990 | | | 03 | 1 |
| 409 | | | | | | | | | | |
| 439 | 540 | 51635 | 460 | 58783 | 400 | 64993 | 384 | 67841 | 03 | 1 |
| 454 | 400 | 65754 | 576 | 69772 | 335 | 73917 | 250 | 88990 | 03 | 1 |
| 485 | | | | | | | | | | |
| 72 | | | | | | | | | | |
| 202 | 101 | 90185 | | | | | | | 03 | 1 |
| 208 | 722 | 08032 | 635 | 04646 | 479 | 60752 | 423 | 67819 | 03 | 1 |
| 211 | 141 | 16995 | | | | | | | 03 | 1 |
| 219 | 566 | 51542 | 422 | 65704 | 400 | 67758 | 349 | 74802 | 03 | 1 |
| 231 | 400 | 67723 | 278 | 87954 | 136 | 20992 | 120 | 17999 | 03 | 1 |
| 240 | 563 | 50662 | 550 | 51593 | 400 | 67776 | 264 | 89989 | 03 | 1 |
| 250 | 617 | 03576 | 441 | 60778 | 400 | 66998 | 152 | 16992 | 03 | 1 |
| 253 | 818 | 21001 | 490 | 56737 | 400 | 69994 | 276 | 88990 | 03 | 1 |
| 259 | 400 | 67990 | 260 | 89990 | 125 | 18995 | 101 | 58*** | 03 | 1 |
| 265 | 480 | 87733 | 400 | 68826 | 256 | 90990 | 109 | 23996 | 03 | 1 |
| 270 | 400 | 66812 | 386 | 77901 | 258 | 89994 | 125 | 21992 | 03 | 1 |
| 278 | 596 | 00574 | 568 | 50696 | 400 | 66738 | 101 | 68*** | 03 | 1 |
| 304 | 597 | 00691 | 400 | 69838 | 369 | 74840 | 276 | 87987 | 03 | 1 |
| 317 | 101 | 68 | 099 | 95 | 338 | 77849 | 260 | 90002 | 03 | 1 |
| 327 | 462 | 60651 | 422 | 63787 | 400 | 65804 | 345 | 74803 | 03 | 1 |
| 340 | 562 | 01692 | 400 | 65809 | 382 | 67837 | 340 | 72990 | 03 | 1 |
| 353 | 400 | 65995 | 250 | 89999 | 116 | 24998 | 080 | 20990 | 03 | 1 |
| 365 | 440 | 61644 | 400 | 65705 | 260 | 89948 | 170 | 11998 | 03 | 1 |
| 386 | 101 | 68 | 092 | 40 | 354 | 72996 | 185 | 08994 | 03 | 1 |
| 394 | 742 | 14584 | 724 | 12527 | 688 | 09621 | 400 | 67995 | 03 | 1 |
| 405 | 415 | 67745 | 400 | 68772 | 376 | 70855 | 355 | 72791 | 03 | 1 |
| 445 | 618 | 05005 | 425 | 62772 | 400 | 64996 | 250 | 90983 | 03 | 1 |
| 451 | 400 | 64726 | 302 | 79916 | 117 | 24998 | 057 | 10994 | 03 | 1 |
| 476 | 400 | 68990 | 296 | 80937 | 250 | 90002 | 146 | 17995 | 03 | 1 |
| 486 | 480 | 60773 | 400 | 70991 | 268 | 88993 | 128 | 16992 | 03 | 1 |
| 493 | 952 | 22054 | 908 | 19062 | 882 | 19505 | 772 | 13626 | 03 | 1 |
| 506 | 558 | 54632 | 533 | 56722 | 490 | 59847 | 400 | 70771 | 03 | 1 |
| 518 | 618 | 00613 | 600 | 51584 | 560 | 54709 | 535 | 57614 | 03 | 1 |
| 520 | 632 | 00531 | 583 | 51530 | 469 | 60671 | 101 | 55*** | 03 | 1 |
| 528 | 717 | 10628 | 627 | 02625 | 594 | 50553 | 564 | 51646 | 03 | 1 |
| 534 | 400 | 65996 | 255 | 89998 | 160 | 13991 | 105 | 24997 | 03 | 1 |
| 536 | 450 | 62653 | 438 | 62738 | 409 | 66824 | 400 | 66995 | 03 | 1 |
| 553 | 414 | 66699 | 400 | 67732 | 368 | 69849 | 248 | 90990 | 03 | 1 |
| 562 | 553 | 52548 | 400 | 66695 | 377 | 69722 | 297 | 82993 | 03 | 1 |
| 576 | 400 | 72992 | 364 | 77917 | 320 | 84951 | 290 | 90003 | 03 | 1 |
| 597 | 595 | 52641 | 567 | 54715 | 400 | 74839 | 206 | 05996 | 03 | 1 |
| 606 | 545 | 56713 | 510 | 59663 | 400 | 70833 | 240 | 02991 | 03 | 1 |
| 655 | 623 | 03542 | 546 | 54732 | 465 | 63711 | 428 | 66826 | 03 | 1 |
| 681 | 458 | 66804 | 400 | 72832 | 338 | 82934 | 304 | 88995 | 03 | 1 |
| 712 | 729 | 05657 | 618 | 50682 | 461 | 66814 | 400 | 74991 | 03 | 1 |
| 734 | 803 | 11996 | 733 | 07529 | 624 | 02642 | 586 | 52644 | 03 | 1 |
| 747 | 588 | 52535 | 480 | 64668 | 463 | 63739 | 436 | 65808 | 03 | 1 |
| 764 | 614 | 51546 | 574 | 53713 | 400 | 74994 | 292 | 90990 | 03 | 1 |
| 768 | 293 | 94998 | 194 | 92999 | | | | | 03 | 1 |
| 775 | 280 | 01997 | 256 | 01995 | | | | | 03 | 1 |
| 785 | 400 | 77893 | 315 | 89998 | 210 | 08993 | | | 03 | 1 |
| 798 | 727 | 01505 | 650 | 53565 | 622 | 53674 | 577 | 54699 | 03 | 1 |
| 807 | 748 | 10024 | 620 | 51542 | 600 | 00655 | 458 | 65990 | 03 | 1 |
| 815 | 525 | 59749 | 400 | 74771 | 432 | 83892 | 277 | 95994 | 03 | 1 |
| 816 | 573 | 58585 | 561 | 59599 | 549 | 59607 | 532 | 66670 | 03 | 1 |
| 826 | 377 | 78997 | 246 | 97994 | 215 | 93991 | 139 | 95994 | 03 | 1 |
| 836 | 785 | 01515 | 628 | 51687 | 541 | 57748 | 101 | 58*** | 03 | 1 |
| 867 | 743 | 02002 | 676 | 51533 | 624 | 54581 | | | 03 | 1 |
| 879 | 508 | 64748 | 400 | 78864 | 226 | 07992 | 185 | 97995 | 03 | 1 |
| 896 | 560 | 60644 | 400 | 77806 | 307 | 90943 | 208 | 11994 | 03 | 1 |
| 906 | 831 | 05033 | 690 | 51533 | 505 | 64686 | 400 | 77781 | 03 | 1 |
| 907 | | | | | | | | | | |
| 913 | 692 | 58590 | 675 | 57594 | 624 | 61632 | 612 | 60664 | 03 | 1 |
| 915 | 660 | 56657 | 610 | 61681 | 560 | 65761 | 530 | 65764 | 03 | 1 |
| 917 | 802 | 54605 | 787 | 55632 | 737 | 56628 | 562 | 69842 | 03 | 1 |
| 918 | 777 | 50577 | 568 | 65715 | 642 | 67719 | 476 | 74870 | 03 | 1 |
| 924 | 564 | 66815 | 538 | 66815 | 400 | 81884 | 342 | 89945 | 03 | 1 |
| 926 | | | | | | | | | | |
| 934 | 731 | 52990 | 710 | 52991 | 659 | 57703 | 650 | 57683 | 03 | 1 |
| 938 | 656 | 57692 | 625 | 59684 | 400 | 81909 | 266 | 00994 | 02 | 1 |
| 945 | 431 | 69726 | 400 | 74787 | 323 | 84884 | 101 | 55*** | 03 | 1 |
| 964 | 400 | 84914 | 339 | 90003 | 268 | 96997 | 165 | 94990 | 03 | 1 |
| 968 | 732 | 03615 | 519 | 61783 | 400 | 76901 | 236 | 01993 | 03 | 1 |
| 74 | | | | | | | | | | |
| 043 | 400 | 78901 | 248 | 05998 | 047 | 90995 | | | 03 | 1 |
| 072 | 728 | 52705 | 400 | 79990 | 322 | 90990 | 280 | 95996 | 03 | 1 |
| 074 | 814 | 51561 | 710 | 56604 | 684 | 56616 | 612 | 63681 | 03 | 1 |
| 090 | 650 | 56731 | 400 | 80995 | 240 | 56991 | 190 | 95999 | 03 | 1 |
| 109 | 735 | 01534 | 674 | 52571 | 607 | 54684 | 400 | 70763 | 03 | 1 |
| 76 | | | | | | | | | | |
| 458 | 173 | 14992 | | | | | | | 02 | 1 |
| 491 | 554 | 52635 | 498 | 57731 | 444 | 62990 | 400 | 68813 | 02 | 1 |
| 644 | 565 | 51546 | 400 | 67738 | 348 | 75822 | 269 | 89934 | 03 | 1 |
| 679 | 498 | 57661 | 481 | 59723 | 458 | 61689 | 400 | 68737 | 03 | 1 |
| 78 | | | | | | | | | | |
| 016 | | | | | 270 | 90990 | 135 | 21999 | 03 | 1 |

# RADIOSONDE AND RAWINSONDE DATA

U.S. GOVERNMENT PRINTING OFFICE 1949 826481

| Index No. III | Station Name | 1000 mb. hhh | 1000 mb. TTTTT ddx | dd | ff | 850 mb. hhh | 850 mb. TTTTT ddx | dd | ff | 700 mb. hhh | 700 mb. TTTTT ddx | dd | ff | 500 mb. hhh | 500 mb. TTTTT ddx | dd | ff | Hour GG | Code Type |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 325 | HAVANA C B | 045 | 25225 | 09 | 4 | 510 | 18123 | 13 | 10 | 048 | 09022 | 18 | 7 | *** | ***** | | | 03 | 1 |
| 355 | CAMAGUEY | 046 | 24222 | | | 509 | 17057 | | | 046 | 08035 | | | 934 | 56992 | | | 03 | 1 |
| 367 | GUANTANAMO | 046 | 26206 | | | 510 | 16121 | | | 043 | 08034 | | | 925 | 57993 | | | 03 | 1 |
| 501 | SWAN ISLAND | 038 | 26212 | | | 502 | 17071 | | | 035 | 07614 | | | 922 | 56998 | | | 03 | 1 |
| 525 | SAN JUAN | 048 | 25211 | 13 | 6 | 510 | 16116 | 10 | 18 | 044 | 09001 | 08 | 12 | *** | ***** | | | 03 | 1 |
| 741 | MANAGUA | 036 | 24202 | 08 | 11 | 498 | 17138 | 06 | 30 | 033 | 09017 | 07 | 8 | 920 | 57599 | 13 | 12 | 03 | 1 |
| | BLOCK 91 | | | | | | | | | | | | | | | | | | |
| 066 | MIDWAY ISL | 061 | 25199 | 09 | 15 | 522 | 16113 | 11 | 19 | 054 | 05004 | | | 920 | 60*** | 18 | 7 | 03 | 1 |
| 115 | IWO JIMA | 531 | | | | 499 | 19148 | 12 | 13 | 041 | 12042 | 13 | 7 | 940 | 52757 | 11 | 3 | 03 | 1 |
| 182 | HONOLULU | 047 | 25153 | 06 | 14 | 508 | 14094 | 04 | 9 | 048 | 10993 | 36 | 2 | 937 | 54993 | 22 | 10 | 03 | 1 |
| 215 | HARMON FLD | 033 | 29257 | 04 | 2 | 506 | 21195 | 22 | 1 | 045 | 11055 | 08 | 4 | 946 | 53572 | 33 | 1 | 03 | 1 |
| 245 | WAKE ISLAND | 037 | 27218 | | | 500 | 17125 | 09 | 5 | 037 | 00807 | 04 | 4 | 920 | 58731 | 24 | 7 | 03 | 1 |
| 275 | JOHNSON IS | 042 | 27215 | 06 | 15 | 507 | 16104 | 07 | 19 | 043 | 10999 | 07 | 19 | 943 | 53990 | 16 | 3 | 03 | 1 |
| 334 | TRUK | 101 | 59 | | | | | | | *** | ***** | | | *** | ***** | | | 03 | 1 |
| 366 | KWAJALEIN | 030 | 28227 | 08 | 5 | 496 | 18117 | 09 | 6 | 034 | 10511 | 06 | 8 | 926 | 55687 | 08 | 3 | 03 | 1 |
| 413 | YAP | 032 | 30243 | 16 | 7 | 505 | 17121 | 12 | 10 | 035 | 10054 | 10 | 14 | 931 | 53554 | 10 | 17 | 03 | 1 |
| | BLOCK 98 | | | | | | | | | | | | | | | | | | |
| 645 | CEBU | 028 | 29235 | | | 502 | 19125 | | | 037 | 10052 | | | 932 | 54658 | | | 03 | 8 |
| QLL | OCEAN STA | | | | | | | | | | | | | | | | | | |
| 034 | 0 355 400 | 050 | 23191 | 26 | 16 | 514 | 16131 | 28 | 15 | 049 | 08504 | 30 | 23 | 932 | 58652 | 28 | 19 | 03 | 9 |
| 035 | 0 340 520 | 068 | 24211 | 01 | 3 | 530 | 18058 | 36 | 3 | 067 | 10601 | 29 | 6 | 957 | 56990 | 05 | 7 | 03 | 9 |
| 037 | 0 360 700 | 066 | 24224 | 22 | 22 | 528 | 16116 | 22 | 18 | 065 | 08527 | 23 | 10 | 950 | 58990 | 23 | 14 | 03 | 9 |
| 041 | 0 450 160 | | 16157 | | | 480 | 10082 | | | 071 | 02557 | | | 743 | 62762 | | | 02 | 8 |
| 044 | 0 450 450 | 047 | 10072 | | | 489 | 10552 | | | 012 | 03991 | 32 | 21 | 882 | 61713 | 28 | 24 | 03 | 9 |
| 051 | 0 538 177 | 021 | 57570 | | | 465 | 48470 | 20 | 32 | 987 | 33300 | 19 | 33 | 850 | 06061 | 19 | 46 | 02 | 2 |
| 053 | 0 527 355 | 501 | | | | 436 | | 26 | 45 | 948 | 53571 | 28 | 47 | 797 | 70832 | 28 | 53 | 03 | 9 |
| 055 | 0 565 510 | 013 | 06043 | 27 | 19 | 450 | 06579 | 32 | 11 | 965 | 52611 | 32 | 9 | 817 | 67992 | 32 | 21 | 03 | 9 |
| 062 | 0 600 200 | | 55540 | 10 | 16 | 441 | 44440 | 13 | 24 | 970 | 33**1 | 12 | 22 | 734 | 08700 | 15 | 32 | 02 | 2 |
| 063 | 0 620 330 | 502 | | | | 439 | 05025 | | | 954 | 50591 | 13 | 26 | 808 | 68823 | 14 | 34 | 03 | 9 |
| 134 | 1 300 400 | 064 | 18141 | 06 | 15 | 512 | 08045 | 08 | 16 | 041 | 07633 | 07 | 8 | 928 | 56994 | 07 | 13 | 03 | 9 |
| 144 | 1 490 480 | 068 | 12115 | 27 | 19 | 526 | 10081 | 28 | 44 | 041 | 04574 | 28 | 33 | 912 | 61717 | | | 03 | 9 |
| 223 | 2 292 345 | 042 | 25 | | | 499 | 17 | | | 037 | 10*** | | | 929 | 53*** | | | 02 | 1 |
| 235 | 2 391 531 | 050 | 21 | | | 506 | 16 | | | 040 | 09*** | | | 936 | 51*** | | | 03 | 1 |
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| 030 | TROMSO | 143 | 01502 | 00 | | 470 | 52533 | 24 | 22 | 981 | 59609 | | | 491 | 75771 | | | 03 | 5 |
| 384 | GARDERMOEN | 156 | 99999 | | | 516 | 08027 | 11 | 6 | 083 | 53592 | 03 | 13 | 675 | 69779 | 36 | 14 | 03 | 5 |
| 415 | SOLA | 170 | 11091 | | | 510 | 08037 | | | 102 | 53576 | | | 695 | 70801 | | | 03 | 8 |
| | BLOCK 02 | | | | | | | | | | | | | | | | | | |
| 057 | LULEA KALLAS | 132 | 12083 | | | 490 | 07503 | | | 057 | 52601 | | | 641 | 68769 | | | 03 | 8 |
| 077 | STOCKHOLM | 127 | 11108 | 02 | 15 | 490 | 05057 | 03 | 14 | 044 | 52552 | 03 | 15 | 629 | 70763 | 00 | | 03 | 5 |
| 084 | GOTEBORG | 126 | 16142 | | | 497 | 08041 | | | 065 | 53564 | | | 659 | 68732 | | | 03 | 8 |
| | BLOCK 03 | | | | | | | | | | | | | | | | | | |
| 005 | LERWICK | 047 | 53530 | | | 489 | 48370 | 17 | 7 | 010 | 35080 | 21 | 5 | *** | ***** | | | 02 | 2 |
| 026 | STORNOWAY | 047 | 57550 | | | 493 | 47430 | 22 | 18 | 013 | 31260 | 23 | 14 | 872 | 06910 | 24 | 18 | 02 | 2 |
| 171 | LEUCHARS | 048 | 59540 | | | 495 | 50460 | | | 015 | 34270 | | | 876 | 08850 | | | 02 | 7 |
| 476 | DOWNHAM MKT | 053 | 67610 | | | 504 | 50440 | 27 | 6 | 025 | 34260 | 24 | 17 | 887 | 07000 | 30 | 12 | 02 | 2 |
| 743 | LARKHILL | 054 | 58540 | | | 505 | 50400 | 26 | 9 | 026 | 37080 | 25 | 20 | 789 | 06010 | 29 | 16 | 02 | 5 |
| 808 | CAMBORNE | 053 | 57530 | 18 | 15 | 501 | 51350 | 19 | 16 | 891 | 13660 | 27 | 9 | *** | ***** | | | 02 | 2 |
| 917 | ALDERGROVE | 050 | 61580 | 12 | 4 | 498 | 49430 | 16 | 11 | 019 | 37120 | 19 | 13 | *** | ***** | | | 03 | 2 |
| 953 | VALENTIA | 045 | 61 0 | | | 494 | 50 0 | | | 018 | 37**0 | | | 890 | 14**0 | | | 03 | 7 |
| | BLOCK 04 | | | | | | | | | | | | | | | | | | |
| 018 | KEFLAVIK | 006 | | | | 447 | 03027 | 16 | 19 | 958 | 52701 | 14 | 21 | 804 | 70791 | 14 | 35 | 03 | 1 |
| 202 | THULE | 021 | 04030 | 00 | | 448 | 54556 | 07 | 9 | 944 | 62636 | 17 | 2 | 764 | 77863 | 22 | 21 | 03 | 1 |
| 270 | NARSSARSSUAK | 022 | 05040 | 00 | | 463 | 06505 | 08 | 17 | 981 | 00527 | 10 | 19 | 836 | 67718 | 11 | 12 | 03 | 1 |
| | BLOCK 06 | | | | | | | | | | | | | | | | | | |
| 011 | THORSHAVN | 123 | 11114 | | | 476 | 07051 | | | 050 | 51512 | | | 671 | 65692 | | | 03 | 8 |
| 260 | DE BILT | 162 | 17117 | | | 531 | 08077 | | | 115 | 50512 | | | 739 | 66686 | | | 03 | 8 |
| 447 | UCCLE | 163 | 15137 | | | 532 | 11062 | | | 126 | 01528 | | | 758 | 64671 | | | 03 | 8 |
| 610 | PAYERNE | 175 | | | | 531 | 00007 | 00 | | 120 | 02554 | 35 | 8 | 750 | 63695 | 31 | 20 | 05 | 5 |
| | BLOCK 07 | | | | | | | | | | | | | | | | | | |
| 110 | BREST | 154 | 18154 | 17 | 2 | 535 | 11038 | 17 | 15 | 133 | 02552 | 20 | 13 | 783 | 60687 | 27 | 11 | 02 | 5 |
| 145 | TRAPPES | 168 | 14102 | | | 560 | 13124 | | | 155 | 02512 | | | 790 | 61712 | | | 02 | 8 |
| 190 | STRASBOURG | 172 | 12076 | | | 530 | 08044 | | | 126 | 00570 | | | 746 | 65707 | | | 02 | 8 |
| 480 | LYON | 150 | | | | 500 | 10006 | | | 074 | 02579 | | | 690 | 68798 | | | 02 | 8 |
| 510 | BORDEAUX | 188 | 17147 | 27 | 6 | 600 | 13518 | 27 | 16 | 176 | 02621 | 27 | 10 | 820 | 62767 | 30 | 27 | 02 | 5 |
| 645 | NIMES | 130 | 22074 | | | 520 | 14520 | | | 130 | 05571 | | | 771 | 66795 | | | 02 | 8 |
| | BLOCK 08 | | | | | | | | | | | | | | | | | | |
| 509 | LAGENS | 056 | 21171 | 02 | 14 | 521 | 18156 | 02 | 11 | 064 | 12999 | 02 | 14 | 964 | 54656 | 02 | 27 | 03 | 2 |
| 521 | FUNCHAL | 177 | 21174 | | | 587 | 21023 | | | 239 | 11619 | | | 950 | 57757 | | | 14 | 8 |
| 536 | PORTELA | 170 | 25158 | | | 571 | 15087 | | | 211 | 11601 | | | 928 | 55659 | | | 14 | 8 |
| | BLOCK 10 | | | | | | | | | | | | | | | | | | |
| 034 | SCHLESWIG | | 50490 | 33 | 9 | 493 | 45340 | 33 | 9 | *** | ***** | | | 862 | 00**0 | 31 | 11 | 02 | 2 |
| 338 | HANNOVER | 050 | 54530 | 31 | 6 | 492 | 45440 | 30 | 36 | 007 | 30240 | 30 | 21 | 861 | 02930 | | | 03 | 2 |
| 384 | TEMPELHOF | 124 | 12106 | 31 | 17 | 483 | 08026 | 33 | 18 | 058 | 51631 | 34 | 21 | 662 | 66802 | 29 | 10 | 03 | 5 |
| 419 | ISERLOHN | 055 | | | | 490 | 46 0 | 31 | 17 | 015 | 29**0 | 32 | 20 | 871 | 02**0 | 32 | 24 | 02 | 2 |
| 633 | WIESBADEN | 176 | 15094 | 30 | 6 | 534 | 06513 | 33 | 11 | 105 | 52547 | 33 | 22 | 712 | 69743 | 32 | 24 | 03 | 5 |
| 866 | MUNCHEN RIEM | 172 | 99999 | 99 | 99 | 520 | 06017 | 29 | 13 | 079 | 54593 | 31 | 23 | 676 | 67992 | 33 | 19 | 03 | 5 |
| | BLOCK 11 | | | | | | | | | | | | | | | | | | |
| 030 | TULLN | 125 | | | | 479 | 05011 | 31 | 35 | 041 | 51521 | 32 | 30 | 659 | 65747 | 32 | 32 | 03 | 5 |
| 567 | PRAHA KBELY | 135 | | | | 500 | 05038 | | | 050 | 54581 | | | 650 | 65702 | | | 05 | 5 |
| | BLOCK 16 | | | | | | | | | | | | | | | | | | |
| 596 | GRENDI | | | | | 499 | 62360 | 33 | 27 | 036 | 53820 | 32 | 27 | 930 | 23600 | 31 | 41 | 02 | 4 |
| | BLOCK 17 | | | | | | | | | | | | | | | | | | |
| 130 | ANKARA | | | | | 467 | 10057 | | | 066 | 05514 | | | 768 | 58990 | | | 02 | 8 |
| 606 | NICOSIA | | | | | 470 | 73470 | | | 014 | 55210 | | | 919 | 31680 | | | 02 | 7 |
| | BLOCK 40 | | | | | | | | | | | | | | | | | | |
| 648 | HABBANIYA | 906 | 62 | | | 443 | 28520 | 19 | 10 | 110 | 13580 | 23 | 9 | 850 | 56760 | 28 | 6 | 02 | 4 |
| | BLOCK 42 | | | | | | | | | | | | | | | | | | |
| 182 | NEW DELHI | 501 | | | | 142 | 2215 | | | 309 | 1308* | | | 586 | 5152* | | | 15 | 8 |
| 339 | JODHPUR | 501 | | | | 143 | 2121 | | | 309 | 1313* | | | 585 | 52*** | | | 15 | 8 |
| 475 | BAMRAULI AL | 502 | | | | 140 | 1818 | | | 306 | 1111* | | | 580 | 5252* | | | 16 | 8 |
| 867 | NAGPUR | 002 | | | | 145 | 2217 | | | 311 | 1110* | | | 587 | 52*** | | | 15 | 8 |
| 909 | VERAVAL | 003 | 2725 | | | 145 | 1813 | | | 311 | 1210* | | | 586 | 55*** | | | 14 | 8 |
| | BLOCK 43 | | | | | | | | | | | | | | | | | | |
| 063 | POONA | 005 | | | | 147 | 1815 | | | 311 | 1005* | | | 583 | 56*** | | | 14 | 8 |
| 149 | VIZAGAPATAM | 003 | | | | 146 | 2215 | | | 312 | 1154* | | | 584 | 5660* | | | 14 | 8 |
| 279 | MADRAS | 005 | 2825 | | | 149 | 2019 | | | 315 | 1107* | | | 589 | 5555* | | | 14 | 8 |
| 371 | TRIVANDRUM | 009 | 2623 | | | 151 | 1613 | | | 314 | 0902* | | | 585 | 57*** | | | 15 | 8 |
| | BLOCK 45 | | | | | | | | | | | | | | | | | | |
| 007 | KAI TAK | 005 | 27250 | | | 147 | 19160 | | | 312 | 09020 | | | 584 | 53**0 | | | 22 | 8 |
| | BLOCK 47 | | | | | | | | | | | | | | | | | | |
| 580 | MISAWA | 029 | 27214 | 24 | 22 | 095 | 18157 | 27 | 42 | 038 | 12087 | 27 | 35 | 938 | 53619 | 27 | 58 | 03 | 1 |
| 635 | NAGOYA | 024 | 30238 | 23 | 5 | 501 | 20165 | 22 | 8 | 041 | 12555 | 25 | 10 | 942 | 50992 | 25 | 6 | 05 | 1 |
| 671 | TOKYO | 033 | 28228 | 19 | 20 | 500 | 21103 | 23 | 11 | 043 | 12597 | 24 | 18 | 939 | 54991 | 25 | 15 | 03 | 1 |
| 808 | ITAZUKE | 344 | 29184 | 21 | 5 | 501 | 16116 | 19 | 9 | 037 | 08039 | 20 | 4 | 926 | 56992 | 09 | 13 | 03 | 1 |
| 931 | KADENA OKINW | 039 | 28232 | 02 | 14 | 507 | 18187 | 05 | 22 | 051 | 11513 | 06 | 21 | 913 | 53556 | 08 | 15 | 03 | 1 |
| | BLOCK 60 | | | | | | | | | | | | | | | | | | |
| 390 | M BLANCHE | 117 | 21196 | 23 | 9 | 550 | 21054 | 27 | 10 | 185 | 10587 | 26 | 20 | 870 | 60771 | 29 | 58 | 02 | 5 |
| | BLOCK 61 | | | | | | | | | | | | | | | | | | |
| 642 | DAKAR OUAKAM | 118 | 25232 | 04 | 4 | 530 | 17174 | 09 | 15 | 168 | 08051 | 11 | 20 | 867 | 56619 | 10 | 4 | 07 | 5 |
| | BLOCK 62 | | | | | | | | | | | | | | | | | | |
| 011 | WHEELUS FLD | 144 | 19 | 03 | 3 | 539 | 19990 | 34 | 14 | 173 | 10992 | 33 | 10 | 870 | 56999 | 26 | 20 | 03 | 5 |
| 053 | BENINA | 028 | | | | 492 | 73350 | | | 034 | 53110 | | | 926 | 23790 | | | 02 | 7 |
| 366 | FAROUK | 079 | 22152 | 36 | 15 | 482 | 16024 | 34 | 24 | 139 | 14**1 | 33 | 7 | 890 | 51**0 | 03 | 11 | 03 | 5 |
| | BLOCK 70 | | | | | | | | | | | | | | | | | | |
| 026 | BARROW | 057 | 51521 | 07 | 19 | 495 | 06552 | 08 | 20 | 009 | 51678 | 08 | 12 | 861 | 68763 | 09 | 15 | 03 | 1 |
| 133 | KOTZEBUE | 039 | 08043 | 28 | 15 | 482 | 07042 | | | 998 | 52552 | | | 852 | 67773 | | | 03 | 1 |
| 200 | NOME | 041 | 11076 | 24 | 8 | 480 | 04501 | 16 | 6 | 989 | 55584 | 17 | 9 | 833 | 68828 | 22 | 17 | 03 | 1 |
| 204 | GAMBELL | 035 | 05047 | | | 470 | 00514 | | | 973 | 57613 | | | 824 | 68823 | | | 03 | 1 |
| 219 | BETHEL | 038 | 15081 | 18 | 5 | 481 | 04021 | | | 997 | 00678 | | | 859 | 64791 | | | 03 | 1 |
| 231 | MCGRATH | 034 | 20082 | 15 | 6 | 482 | 06001 | 17 | 9 | 996 | 51568 | 12 | 16 | 854 | 65801 | 25 | 4 | 03 | 1 |
| 261 | FRBNKS WEEKS | 026 | | | | 481 | 11070 | 12 | 6 | 003 | 00004 | 28 | 4 | 859 | 67734 | 13 | 4 | 03 | 1 |
| 273 | ANCH MERRILL | 041 | 13085 | 26 | 3 | 484 | 04014 | 03 | 5 | 994 | 53558 | 08 | 10 | 847 | 65801 | 35 | 14 | 03 | 1 |
| 291 | NORTHWAY | 020 | | | | 475 | 10016 | 30 | 3 | 994 | 51585 | 05 | 4 | 850 | 66818 | 10 | 8 | 03 | 1 |
| 350 | KODIAK | 037 | 10095 | | | 474 | 02015 | | | 984 | 51605 | | | 672 | 52662 | | | 03 | 1 |
| 361 | YAKUTAT | 039 | 13084 | 31 | 5 | 478 | 02004 | 06 | 4 | 988 | 53596 | 06 | 19 | 836 | 69811 | 07 | 19 | 03 | 1 |
| 381 | JUNEAU | 037 | 10084 | 10 | 10 | 475 | 01507 | | | 980 | 57606 | | | 814 | 75802 | | | 03 | 1 |
| 398 | ANNETTE IS | 044 | 12072 | 16 | 4 | 482 | 01511 | 23 | 6 | 985 | 57613 | 26 | 13 | 828 | 69730 | 27 | 36 | 03 | 1 |
| 409 | MASSACRE BAY | 029 | 09024 | | | 462 | 04541 | | | 974 | 54651 | 26 | 36 | 819 | 67990 | 19 | 25 | 03 | 1 |
| 439 | AMCHITKA | 041 | 08072 | 27 | 12 | 484 | 09029 | 26 | 9 | 010 | 05612 | 25 | 11 | 888 | 59994 | 26 | 10 | 03 | 1 |
| 454 | LONGVIEW | 042 | 12114 | 25 | 22 | 492 | 15091 | 25 | 31 | 250 | 07583 | 24 | 49 | 909 | 57990 | 24 | 41 | 03 | 1 |
| | BLOCK 72 | | | | | | | | | | | | | | | | | | |
| 202 | MIAMI | 056 | 26216 | 12 | 9 | 520 | 17122 | 13 | 14 | 055 | 07015 | 13 | 13 | 938 | 57688 | 10 | 12 | 03 | 1 |
| 208 | CHARLESTON | 061 | 25241 | 19 | 9 | 525 | 18092 | 18 | 7 | 062 | 07509 | 17 | 4 | 940 | 60705 | 17 | 11 | 03 | 1 |
| 211 | TAMPA | 057 | 25216 | 11 | 12 | 520 | 17123 | 13 | 22 | 056 | 07007 | 14 | 23 | 940 | 57593 | | | 03 | 1 |
| 219 | ATLANTA | 059 | | | | 524 | 17142 | 16 | 14 | 060 | 08526 | 18 | 10 | 947 | 57668 | 06 | 10 | 03 | 1 |
| 231 | NEW ORLEANS | 044 | 27239 | 17 | 9 | 511 | 1914 | 12 | 13 | 051 | 10043 | 09 | 9 | 946 | 54628 | 11 | 9 | 03 | 1 |
| 240 | LAKE CHARLES | 042 | 27251 | 16 | 7 | 508 | 1714 | 13 | 10 | 046 | 09013 | 10 | 11 | 938 | 56643 | 12 | 11 | 03 | 1 |
| 250 | BROWNSVILLE | 034 | 27231 | 14 | 16 | 501 | 21034 | 15 | 17 | 042 | 10511 | 14 | 8 | 933 | 55990 | 34 | 6 | 03 | 1 |
| 253 | SAN ANTONIO | 034 | | | | 504 | 20121 | 16 | 15 | 045 | 10533 | 14 | 7 | 935 | 56662 | 08 | 12 | 03 | 1 |
| 259 | FT WORTH | 030 | | | | 504 | 21136 | 15 | 15 | 047 | 11628 | 10 | 10 | 944 | 54729 | 06 | 23 | 03 | 1 |
| 265 | BIG SPRING | 016 | | | | 498 | 26125 | 14 | 22 | 047 | 10049 | 17 | 8 | 941 | 55737 | 08 | 23 | 03 | 1 |
| 270 | EL PASO | 023 | | | | 498 | 20119 | 08 | 10 | 041 | 10037 | 09 | 25 | 932 | 55585 | | | 03 | 1 |
| 278 | PHOENIX | 021 | | | | 498 | 24126 | 25 | 9 | 043 | 11032 | 35 | 14 | 934 | 56592 | 27 | 2 | 03 | 1 |
| 304 | HATTERAS | 061 | 25221 | 22 | 18 | 527 | 18121 | 26 | 15 | 065 | 09015 | 26 | 12 | 953 | 56698 | 22 | 14 | 03 | 1 |
| 317 | GREENSBORO | 061 | | | | 527 | 17118 | 24 | 19 | 064 | 08511 | 24 | 6 | 952 | 56739 | 11 | 6 | 03 | 1 |
| 327 | NASHVILLE | 050 | | | | 516 | 18141 | 18 | 18 | 055 | 09025 | 09 | 16 | 943 | 56616 | 01 | 14 | 03 | 1 |
| 340 | LITTLE ROCK | 044 | 28231 | 12 | 6 | 514 | 20155 | 12 | 13 | 054 | 10052 | 10 | 12 | 951 | 52687 | 05 | 19 | 03 | 1 |
| 353 | OKLAHOMA CTY | 030 | | | | 502 | 22105 | 16 | 16 | 046 | 11007 | 13 | 8 | 941 | 55712 | 35 | 4 | 03 | 1 |
| 365 | ALBUQUERQUE | 031 | | | | 502 | | | | 039 | 08058 | 12 | 16 | 929 | 55587 | 26 | 11 | 03 | 1 |
| 386 | LAS VEGAS | 004 | | | | 483 | 27513 | 23 | 21 | 030 | 10549 | 20 | 29 | 919 | 56996 | 23 | 21 | 03 | 1 |
| 394 | SANTA MARIA | 040 | 13105 | 28 | 8 | 494 | 20997 | 29 | 3 | 035 | 12994 | 29 | 8 | 928 | 54999 | 31 | 12 | 03 | 1 |
| 405 | WASHINGTON | 049 | 26237 | | | 514 | 17134 | | | 051 | 09030 | | | 941 | 56621 | | | 03 | 1 |
| 445 | COLUMBIA | 040 | | | | 508 | 20157 | 24 | 18 | 049 | 11501 | 26 | 22 | 942 | 55583 | 26 | 17 | 03 | 1 |
| 451 | DODGE CITY | 044 | | | | 502 | 19158 | 08 | 15 | 044 | 10081 | 27 | 10 | 935 | 57615 | | | 03 | 1 |
| 476 | GRAND JUNC | 006 | | | | 487 | 26084 | 14 | 10 | 041 | 15537 | 24 | 7 | 937 | 58661 | 26 | 23 | 03 | 1 |
| 486 | ELY | 002 | | | | 480 | | | | 032 | 15994 | 21 | 14 | 924 | 59699 | 30 | 19 | 03 | 1 |
| 493 | OAKLAND | 038 | 13103 | 29 | 10 | 495 | 19537 | 24 | 7 | 034 | 10997 | 29 | 5 | 924 | 56996 | 27 | 16 | 03 | 1 |
| 506 | NANTUCKET | 041 | 22214 | 27 | 10 | 503 | 14029 | 29 | 16 | 035 | 07547 | 27 | 24 | 918 | 59743 | 30 | 26 | 04 | 1 |
| 518 | ALBANY | 040 | 22154 | 29 | 7 | 504 | 16077 | 26 | 19 | 037 | 07513 | | | *** | ***** | | | 03 | 1 |
| 520 | PITTSBURGH | 045 | | | | 511 | 19135 | 27 | 21 | 050 | 10043 | | | 941 | 54578 | | | 03 | 1 |
| 528 | BUFFALO | 037 | | | | 503 | 16137 | | | 040 | 09033 | | | 932 | 53716 | | | 03 | 1 |
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| 734 | SAULT MARIE | 019 | | | | 479 | 16149 | 22 | 35 | 015 | 07067 | 25 | 40 | 898 | 58991 | 26 | 33 | 03 | 1 |
| 747 | INTL FALLS | 021 | | | | 466 | 05039 | 28 | 45 | 983 | 02534 | 29 | 39 | 851 | 62765 | | | 03 | 1 |
| 764 | BISMARCK | 040 | | | | 494 | 10051 | 30 | 17 | 016 | 03617 | 30 | 33 | 884 | 63997 | 28 | 43 | 03 | 1 |

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| 208 | 020 | 24235 | 807 | 16041 | 745 | 10057 | 558 | 55606 | 03 | 1 |
| 211 | 019 | 24222 | 760 | 12016 | 568 | 52533 | 400 | 67715 | 03 | 1 |
| 219 | 986 | 25192 | 944 | 25180 | 610 | 02665 | 518 | 56731 | 03 | 1 |
| 231 | 015 | 26234 | 523 | 52625 | 400 | 64768 | 268 | 87976 | 03 | 1 |
| 240 | 014 | 27243 | 558 | 51633 | 400 | 66791 | 260 | 89978 | 03 | 1 |
| 250 | 011 | 28240 | 948 | 23217 | 933 | 24148 | 888 | 23037 | 03 | 1 |
| 253 | 985 | 28222 | 904 | 22195 | 818 | 19026 | 605 | 01577 | 03 | 1 |
| 259 | 991 | 30191 | 957 | 30173 | 822 | 19107 | 803 | 19507 | 03 | 1 |
| 265 | 924 | 32132 | 606 | 04665 | 400 | 68837 | 343 | 75894 | 03 | 1 |
| 270 | 882 | 24142 | 705 | 19052 | 597 | 01518 | 512 | 54574 | 03 | 1 |
| 278 | 970 | 30168 | 913 | 30152 | 641 | 05515 | 604 | 02586 | 03 | 1 |
| 304 | 021 | 26241 | 964 | 25185 | 876 | 19159 | 828 | 16088 | 03 | 1 |
| 317 | 990 | 23208 | 974 | 27193 | 773 | 14003 | 756 | 12046 | 03 | 1 |
| 327 | 997 | 27231 | 980 | 28212 | 654 | 05538 | 599 | 02532 | 03 | 1 |
| 340 | 006 | 27238 | 979 | 28227 | 728 | 11084 | 434 | 61720 | 03 | 1 |
| 353 | 967 | 28171 | 958 | 30175 | 723 | 13548 | 686 | 10015 | 03 | 1 |
| 365 | 841 | 18155 | 742 | 10074 | 610 | 02006 | 400 | 65683 | 03 | 1 |
| 386 | 931 | 32526 | 920 | 33990 | 852 | 27512 | 690 | 09546 | 03 | 1 |
| 394 | 006 | 13109 | 982 | 11095 | 954 | 12105 | 936 | 17091 | 03 | 1 |
| 405 | 014 | 25221 | 960 | 25176 | 633 | 04512 | 604 | 02601 | 03 | 1 |
| 445 | 987 | 24203 | 979 | 23195 | 951 | 25062 | 760 | 14100 | 03 | 1 |
| 451 | 926 | 18154 | 807 | 19123 | 542 | 52557 | 436 | 64722 | 03 | 1 |
| 476 | 851 | 26076 | 832 | 28063 | 800 | 26501 | 538 | 53599 | 03 | 1 |
| 486 | 808 | 21003 | 800 | 24569 | 664 | 11642 | 457 | 63807 | 03 | 1 |
| 493 | 013 | 13109 | 979 | 11096 | 960 | 14103 | 947 | 20144 | 03 | 1 |
| 506 | 015 | 21214 | 976 | 24203 | 914 | 21143 | 728 | 09614 | 04 | 1 |
| 518 | 004 | 19149 | 982 | 24123 | 942 | 24581 | 911 | 22595 | 03 | 1 |
| 520 | 973 | 23218 | 920 | 20163 | 912 | 22188 | 578 | 00512 | 03 | 1 |
| 528 | 988 | 23136 | 968 | 25125 | 820 | 14111 | 808 | 15112 | 03 | 1 |
| 534 | 991 | 24237 | 970 | 26238 | 814 | 15131 | 778 | 15112 | 03 | 1 |
| 536 | | | | | | | | | | |
| 553 | 980 | 22182 | 970 | 24095 | 841 | 15013 | 828 | 17625 | 04 | 1 |
| 562 | 920 | 18133 | 898 | 23035 | 746 | 10520 | 710 | 08667 | 03 | 1 |
| 576 | 829 | 19519 | 824 | 24515 | 418 | 72844 | 400 | 73877 | 04 | 1 |
| 597 | 966 | 26063 | 735 | 05027 | 638 | 02586 | 458 | 65731 | 03 | 1 |
| 600 | 009 | 15140 | 987 | 16127 | 911 | 12069 | 880 | 12072 | 03 | 1 |
| 606 | 012 | 15115 | 008 | 20099 | 998 | 22094 | 920 | 18062 | 03 | 1 |
| 655 | 976 | 17127 | 961 | 19112 | 818 | 08052 | 792 | 09021 | 03 | 1 |
| 662 | 905 | 18035 | 903 | 23037 | 688 | 05542 | 663 | 03667 | 03 | 1 |
| 681 | 911 | 28088 | 870 | 26505 | 400 | 74855 | 363 | 79849 | 03 | 1 |
| 712 | 991 | 13093 | 975 | 14083 | 844 | 06036 | 822 | 09055 | 03 | 1 |
| 734 | 981 | 19172 | 952 | 21181 | 924 | 20188 | 782 | 12118 | 03 | 1 |
| 747 | 966 | 13074 | 777 | 01004 | 729 | 03009 | 598 | 54676 | 03 | 1 |
| 764 | 957 | 15128 | 940 | 17095 | 790 | 05002 | 728 | 05645 | 03 | 1 |

## RADIOSONDE AND RAWINSONDE DATA
## SIGNIFICANT LEVELS

U.S. GOVERNMENT PRINTING OFFICE 1949 826476

| Index No. III | 1st. 5th. etc. Level PPP | 1st. 5th. etc. Level TTTTT ddx | 2nd. 6th. etc. Level PPP | 2nd. 6th. etc. Level TTTTT ddx | 3rd. 7th. etc. Level PPP | 3rd. 7th. etc. Level TTTTT ddx | 4th. 8th. etc. Level PPP | 4th. 8th. etc. Level TTTTT ddx | Hour GG | Code Type |
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| 355 | | | | | | | | | | |
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| 501 | 674 | 07694 | 503 | 56774 | 400 | 67990 | 135 | 23990 | 03 | 1 |
| 525 | | | | | | | | | | |
| 741 | 780 | 10026 | 667 | 06549 | 595 | 50525 | 467 | 59611 | 03 | 1 |
| 91 | | | | | | | | | | |
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| 115 | 570 | 02545 | 480 | 53776 | 400 | 62999 | 348 | 69998 | 03 | 1 |
| 182 | 645 | 12553 | 731 | 11602 | 724 | 11995 | 400 | 68825 | 03 | 1 |
| 215 | 617 | 04015 | 435 | 59762 | 400 | 62999 | 374 | 67827 | 03 | 1 |
| 245 | 568 | 52623 | 400 | 59823 | 375 | 70836 | 270 | 89987 | 03 | 1 |
| 275 | 737 | 10054 | 659 | 11644 | 673 | 07992 | 607 | 07996 | 03 | 1 |
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| 366 | | 51737 | 485 | 56704 | 400 | 66991 | 275 | 85990 | 03 | 1 |
| 413 | 072 | 16995 | | | | | | | 03 | 1 |
| 98 | | | | | | | | | | |
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| QLL | | OCEAN | STA | | | | | | | |
| 034 | 572 | 52564 | 428 | 65814 | 285 | 90990 | 186 | 11992 | 03 | 9 |
| 035 | 820 | 16038 | 810 | 16524 | 680 | 08618 | 400 | 67991 | 03 | 9 |
| 037 | 779 | 14071 | 628 | 03 | 546 | 54675 | 538 | 54706 | 03 | 9 |
| 041 | 877 | 12071 | 735 | 04510 | | 02600 | 630 | 00633 | 02 | 8 |
| 044 | 564 | 54739 | 540 | 58653 | 473 | 65725 | 460 | 65759 | 03 | 9 |
| 051 | | | | | | | | | | |
| 053 | 630 | 57586 | 547 | 64789 | 400 | 84953 | 365 | 90990 | 03 | 9 |
| 055 | 885 | 08551 | 870 | 07625 | 824 | 05531 | 816 | 05552 | 03 | 9 |
| 062 | | | | | | | | | | |
| 063 | 660 | 53734 | 400 | 80868 | 336 | 90943 | 287 | 98990 | 03 | 9 |
| 134 | 767 | 10516 | 658 | 05674 | 400 | 68997 | | | 03 | 9 |
| 144 | 681 | 03 6 | 627 | 51578 | 614 | 52644 | 608 | 53608 | 03 | 9 |
| 223 | 659 | 07 | 532 | 51 | 456 | 57*** | 335 | 69*** | 02 | 1 |
| 235 | 173 | 00 | 113 | 01 | 033 | 01*** | | | 03 | 1 |
| 246 | 400 | 69995 | 080 | 93995 | | | | | 03 | 9 |
| 360 | 787 | 50557 | 747 | 51577 | 672 | 58629 | 638 | 57657 | 03 | 5 |
| 01 | | | | | | | | | | |
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| 030 | 780 | 55560 | 760 | 55561 | 730 | 57589 | 615 | 67698 | 03 | 5 |
| 384 | 636 | 57643 | 400 | 83906 | 358 | 88959 | 271 | 05*** | 03 | 5 |
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| 077 | 489 | 71734 | 472 | 71734 | 242 | 10995 | 197 | 00996 | 03 | 5 |
| 084 | 596 | 58628 | 469 | 71766 | 368 | 87926 | 284 | 00990 | 03 | 8 |
| 03 | | | | | | | | | | |
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| 026 | | | | | | | | | | |
| 171 | 712 | 36290 | 595 | 17110 | 580 | 19100 | 185 | 15**0 | 02 | 7 |
| 476 | | | | | | | | | | |
| 743 | | | | | | | | | | |
| 808 | | | | | | | | | | |
| 917 | | | | | | | | | | |
| 953 | 424 | 93 0 | 204 | 27 0 | 185 | 27**0 | 174 | 32**0 | 03 | 7 |
| 04 | | | | | | | | | | |
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| 202 | 566 | 70792 | 400 | 89986 | 352 | 92990 | 195 | 88993 | 03 | 1 |
| 270 | 530 | 56672 | 400 | 81871 | 349 | 89000 | 245 | 04998 | 03 | 1 |
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| 260 | 744 | 02011 | 732 | 01008 | 644 | 54551 | 597 | 57585 | 03 | 8 |
| 447 | 606 | 52536 | 523 | 63641 | 477 | 65711 | 438 | 71721 | 03 | 8 |
| 610 | 673 | 00571 | 587 | 55631 | 560 | 58661 | 488 | 64681 | 05 | 5 |
| 07 | | | | | | | | | | |
| 110 | 787 | 08001 | 737 | 05522 | 687 | 01553 | 646 | 51573 | 02 | 5 |
| 145 | 716 | 04003 | 671 | 05557 | 520 | 61712 | 500 | 61712 | 02 | 8 |
| 190 | 766 | 03523 | 740 | 03561 | 665 | 51576 | 620 | 55600 | 02 | 8 |
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| 509 | 782 | 17521 | 764 | 16031 | 733 | 14542 | 666 | 10573 | 03 | 2 |
| 521 | 971 | 21158 | 730 | 14584 | 582 | 50701 | 556 | 50701 | 14 | 8 |
| 536 | 750 | 15586 | 582 | 00655 | 560 | 01623 | 480 | 58662 | 14 | 8 |
| 10 | | | | | | | | | | |
| 034 | 833 | 37 0 | 193 | 45 0 | 143 | 46**0 | 095 | 45**0 | 02 | 2 |
| 338 | | | | | | | | | | |
| 384 | 775 | 03515 | 717 | 00640 | 645 | 55616 | 625 | 55628 | 03 | 5 |
| 419 | 705 | 28 0 | 690 | 31 0 | 630 | 21**0 | 560 | 14**0 | 02 | 2 |
| 633 | 440 | 77821 | 400 | 80892 | 368 | 83932 | 308 | 90990 | 03 | 5 |
| 866 | 740 | 50654 | 718 | 53522 | 582 | 59754 | 400 | 78990 | 03 | 5 |
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| 030 | 634 | 55561 | 584 | 59633 | 574 | 59648 | 445 | 71821 | 03 | 5 |
| 567 | 665 | 55591 | 466 | 67704 | 353 | 88990 | 284 | 05993 | 05 | 5 |
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| 596 | 779 | 59030 | 685 | 52700 | 413 | 67300 | 304 | 78400 | 02 | 4 |
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| 606 | 790 | 66410 | 710 | 52230 | 664 | 54900 | 293 | 87430 | 02 | 7 |
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| 648 | 701 | 56170 | 539 | 31870 | 529 | 34880 | 497 | 32840 | 02 | 4 |
| 42 | | | | | | | | | | |
| 182 | | | | | | | | | | |
| 339 | 508 | 5252 | 467 | 52 | 430 | 57*** | | | 15 | 8 |
| 475 | | | | | | | | | | |
| 867 | | | | | | | | | | |
| 909 | 676 | 1451 | 644 | 1258 | 481 | 56*** | | 56*** | 14 | 8 |
| 43 | | | | | | | | | | |
| 063 | | | | | | | | | | |
| 149 | | | | | | | | | | |
| 279 | | | | | | | | | | |
| 371 | | | | | | | | | | |
| 45 | | | | | | | | | | |
| 007 | 750 | 13060 | 650 | 07510 | 600 | 02540 | 550 | 52**0 | 22 | 8 |
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| 635 | 586 | 05664 | 559 | 05993 | 468 | 53995 | 421 | 59990 | 05 | 1 |
| 671 | 708 | 13611 | 663 | 09535 | 555 | 01692 | 475 | 56997 | 03 | 1 |
| 808 | 270 | 85990 | 101 | 58 | | | | | 03 | 1 |
| 931 | 800 | 19189 | 685 | 10542 | 633 | 04534 | 582 | 01503 | 03 | 1 |
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| 390 | 929 | 25147 | 862 | 21059 | 820 | 20024 | 797 | 18511 | 02 | 5 |
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| 642 | 738 | 11079 | 673 | 05031 | 623 | 02009 | 580 | 00518 | 07 | 5 |
| 62 | | | | | | | | | | |
| 011 | 578 | 00999 | 560 | 00997 | 400 | 68997 | 350 | 75998 | 03 | 5 |
| 053 | 873 | 76420 | 744 | 56270 | 719 | 56170 | | | 02 | 7 |
| 366 | 818 | 19504 | 608 | 07 4 | 535 | 50**0 | 460 | 54**0 | 03 | 5 |
| 70 | | | | | | | | | | |
| 026 | 797 | 03615 | 573 | 61780 | 400 | 79926 | 337 | 90003 | 03 | 1 |
| 133 | | | | | | | | | | |
| 200 | | | | | | | | | | |
| 204 | 400 | 77908 | | | | | | | 03 | 1 |
| 219 | 607 | 55731 | 532 | 61995 | 504 | 63799 | 485 | 66790 | 03 | 1 |
| 231 | 502 | 64808 | 471 | 69783 | 400 | 78893 | 330 | 90001 | 03 | 1 |
| 261 | 349 | 05995 | 192 | 98990 | | | | | 03 | 1 |
| 273 | 520 | 63796 | 400 | 77893 | 320 | 90010 | 228 | 06998 | 03 | 1 |
| 291 | 400 | 79914 | 330 | 90011 | 234 | 07997 | 136 | 96992 | 03 | 1 |
| 350 | 568 | 61990 | 480 | 71996 | 400 | 75995 | 101 | 44*** | 03 | 1 |
| 361 | 548 | 65751 | 524 | 66817 | 400 | 82914 | 350 | 90982 | 03 | 1 |
| 381 | 400 | 83929 | 368 | 88953 | 070 | 97994 | | | 03 | 1 |
| 398 | 400 | 79851 | 328 | 89987 | 253 | 02993 | 237 | 96999 | 03 | 1 |
| 409 | 485 | 57759 | 400 | 77994 | 298 | 90990 | 245 | 00995 | 03 | 1 |
| 439 | 800 | 08062 | 725 | 05562 | 705 | 05591 | 665 | 03656 | 03 | 1 |
| 454 | 400 | 68990 | 261 | 89990 | 155 | 95990 | 107 | 95998 | 03 | 1 |
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| 202 | 610 | 00635 | 400 | 68775 | 275 | 89931 | 183 | 11999 | 03 | 1 |
| 208 | 485 | 61737 | 461 | 63707 | 400 | 69766 | 335 | 78915 | 03 | 1 |
| 211 | 273 | 89941 | 122 | 17998 | | | | | 03 | 1 |
| 219 | 486 | 59641 | 451 | 63676 | 400 | 68834 | 346 | 75850 | 03 | 1 |
| 231 | 130 | 19990 | 116 | 18990 | | | | | 03 | 1 |
| 240 | 136 | 19994 | 108 | 22993 | 103 | 21990 | | | 03 | 1 |
| 250 | 536 | 51689 | 400 | 67990 | 150 | 17997 | 130 | 17995 | 03 | 1 |
| 253 | 565 | 50632 | 400 | 68821 | 374 | 71796 | 272 | *8987 | 03 | 1 |
| 259 | 723 | 12513 | 642 | 08996 | 585 | 04663 | 400 | 66811 | 03 | 1 |
| 265 | 266 | 90990 | 134 | 18996 | 104 | 20999 | 088 | 16998 | 03 | 1 |
| 270 | 400 | 65717 | 261 | 88942 | 142 | 18998 | 133 | 18996 | 03 | 1 |
| 278 | 553 | 51555 | 450 | 60638 | 400 | 67710 | 343 | 73808 | 03 | 1 |
| 304 | 818 | 16111 | 563 | 51614 | 550 | 52689 | 400 | 67775 | 03 | 1 |
| 317 | 683 | 07505 | 672 | 07641 | 400 | 68833 | 362 | 72874 | 03 | 1 |
| 327 | 562 | 00630 | 546 | 52597 | 400 | 65824 | 345 | 72992 | 03 | 1 |
| 340 | 427 | 60764 | 400 | 63765 | 250 | 90000 | 155 | 13995 | 03 | 1 |
| 353 | 633 | 07617 | 400 | 66802 | 253 | 90000 | 116 | 23992 | 03 | 1 |
| 365 | 248 | 90950 | 182 | 07997 | | | | | 03 | 1 |
| 386 | 644 | 05611 | 605 | 03995 | 463 | 60995 | 414 | 68990 | 03 | 1 |
| 394 | 898 | 19553 | 858 | 21990 | 400 | 68996 | 146 | 15995 | 03 | 1 |
| 405 | 569 | 50571 | 552 | 51618 | 462 | 60662 | 400 | 65808 | 03 | 1 |
| 445 | 600 | 02511 | 400 | 64804 | 250 | 89994 | 175 | 09996 | 03 | 1 |
| 451 | 423 | 64681 | 400 | 66692 | | | | | 04 | 1 |
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| 486 | 400 | 71991 | 285 | 87998 | 151 | 14997 | 114 | 19990 | 03 | 1 |
| 493 | 915 | 23047 | 820 | 18552 | 400 | 70997 | 132 | 15991 | 03 | 1 |
| 506 | 686 | 07521 | 674 | 06561 | 603 | 00549 | 540 | 55731 | 04 | 1 |
| 518 | 890 | 20064 | 814 | 13075 | 758 | 11652 | 660 | 05514 | 03 | 1 |
| 520 | 400 | 64697 | 367 | 68746 | 265 | 87939 | 118 | 24999 | 03 | 1 |
| 528 | 641 | 04508 | 613 | 03621 | 540 | 51567 | 520 | 51596 | 03 | 1 |
| 534 | 550 | 52565 | 530 | 52637 | 456 | 59645 | 400 | 65708 | 03 | 1 |
| 536 | | | | | | | | | | |
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| 576 | 274 | 90990 | 150 | 11990 | 145 | 12996 | 134 | 11994 | 04 | 1 |
| 597 | 437 | 65804 | 400 | 70828 | 355 | 78861 | 204 | 08995 | 03 | 1 |
| 600 | 835 | 08041 | 775 | 08026 | 663 | 02567 | 637 | 02618 | 03 | 1 |
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| 734 | 656 | 03015 | 643 | 04506 | 595 | 50621 | 562 | 54613 | 03 | 1 |
| 747 | 538 | 59686 | 487 | 63796 | 400 | 75995 | 143 | 03996 | 03 | 1 |
| 764 | 596 | 53717 | 400 | 74997 | 301 | 90990 | 244 | 96997 | 03 | 1 |

# RADIOSONDE AND RAWINSONDE DATA

**JULY 22**

| Index No. | Station Name | 1000 mb. | | | | 850 mb. | | | | 700 mb. | | | | 500 mb. | | | | Hour | Code Type |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| iii | | hhh | TTTTT ddx | dd | ff | hhh | TTTTT ddx | dd | ff | hhh | TTTTT ddx | dd | ff | hhh | TTTTT ddx | dd | ff | GG | |
| 768 | GLASGOW | 032 | | | | 492 | 14054 | 17 | 4 | 018 | 01579 | 27 | 25 | 882 | 63997 | | | 03 | 1 |
| 775 | GREAT FALLS | 018 | | | | 485 | 20523 | 25 | 14 | 018 | 05623 | 24 | 22 | 883 | 63808 | 24 | 28 | 03 | 1 |
| 785 | SPOKANE | 021 | | | | 485 | 17003 | 24 | 5 | 013 | 01577 | 23 | 10 | 876 | 63668 | 24 | 16 | 03 | 1 |
| 798 | TATOOSH IS | 046 | 13112 | 21 | 6 | 490 | 06035 | 24 | 9 | 006 | 00621 | 26 | 11 | 872 | 62756 | 29 | 26 | 03 | 1 |
| 807 | ARGENTIA | 501 | | | | 456 | 13098 | | | 977 | 05013 | | | 852 | 62734 | | | 02 | 1 |
| 815 | STEPHENVILLE | 015 | 13104 | 29 | 19 | 459 | 06055 | 33 | 27 | 972 | 53546 | 33 | 31 | 828 | 65776 | 33 | 53 | 02 | 1 |
| 816 | GOOSE | 021 | 08054 | 34 | 8 | 457 | 03514 | 01 | 24 | 966 | 52542 | 35 | 27 | 821 | 65758 | 35 | 17 | 03 | 1 |
| 826 | NITCHEQUON | 024 | | | | 463 | 03030 | | | *** | 02506 | | | 856 | 60734 | | | 03 | 1 |
| 836 | MOOSONEE | 014 | 16123 | | | 466 | 12064 | | | 992 | 04022 | | | 866 | 61666 | | | 03 | 1 |
| 867 | THE PAS | 024 | | | | 471 | 09524 | | | 988 | 52599 | | | 845 | 64837 | | | 03 | 1 |
| 879 | EDMONTON | 503 | | | | 475 | 14043 | 28 | 11 | 000 | 00534 | 26 | 15 | 858 | 66699 | 24 | 22 | 03 | 1 |
| 896 | PRINCE GEORG | 032 | | | | 480 | 09031 | 20 | 14 | 997 | 52567 | 23 | 18 | 850 | 66761 | 26 | 20 | 03 | 1 |
| 906 | FT CHIMO | 020 | 06025 | 03 | 6 | 460 | 05559 | 06 | 3 | 970 | 54661 | 06 | 3 | 815 | 69763 | | | 03 | 1 |
| 907 | PORT HARRISN | 024 | 05041 | | | 457 | 04032 | | | 969 | 54578 | | | 827 | 65702 | | | 03 | 1 |
| 909 | UP FROBISHER | 018 | 10064 | 00 | | 455 | 04502 | 32 | 4 | 966 | 53582 | 00 | | 814 | 69799 | 00 | | 03 | 1 |
| 913 | CHURCHILL | 021 | 15102 | 19 | 16 | 466 | 04022 | 20 | 11 | 973 | 55577 | 29 | 4 | 814 | 70787 | 26 | 15 | 03 | 1 |
| 915 | CORAL HARBOR | 025 | 09077 | | | 463 | 00506 | | | 968 | 52625 | | | 806 | 74855 | | | 03 | 1 |
| 917 | EUREKA | 023 | 07512 | 01 | 14 | 454 | 52576 | 06 | 10 | 951 | 58698 | 07 | 7 | 786 | 72868 | 06 | 36 | 03 | 1 |
| 918 | ARCTIC BAY | 014 | 01501 | | | 440 | 52547 | | | 937 | 58638 | | | 765 | 75996 | | | 03 | 1 |
| 924 | RESOLUTE | 011 | 00008 | 32 | 11 | 434 | 55575 | 24 | 3 | 929 | 60647 | 30 | 12 | 756 | 76811 | 33 | 12 | 03 | 1 |
| 926 | BAKER LAKE | 101 | 59 | | | | | | | *** | ***** | | | *** | ***** | | | 03 | 1 |
| 934 | FT SMITH | 015 | | | | 465 | 11022 | | | 983 | 51637 | | | 835 | 68764 | | | 03 | 1 |
| 938 | COPPERMINE | 032 | 12071 | | | 469 | 03522 | | | 980 | 51627 | | | 835 | 65779 | | | 02 | 1 |
| 945 | FORT NELSON | 022 | | | | 468 | 06024 | | | 981 | 53573 | | | 830 | 68761 | | | 03 | 1 |
| 964 | WHITEHORSE | 022 | | | | 466 | 07038 | 31 | 12 | 985 | 51519 | 36 | 25 | *** | ***** | | | 04 | 1 |
| 968 | AKLAVIK | 044 | 12076 | | | 489 | 08001 | | | 005 | 52633 | | | 856 | 67796 | | | 02 | 1 |
| | BLOCK 74 | | | | | | | | | | | | | | | | | | |
| 043 | NORMAN WELLS | 035 | 22071 | | | 481 | 09016 | | | 996 | 54563 | | | 846 | 68994 | | | 03 | 1 |
| 072 | MOULD BAY | 037 | 02009 | | | 470 | 08614 | | | 987 | 01572 | | | 842 | 66699 | | | 03 | 1 |
| 074 | ISACHSEN | 048 | 00503 | | | 476 | 00530 | | | 983 | 52998 | | | 834 | 65809 | | | 03 | 1 |
| 090 | CLYDE RIVER | 010 | 07 | 00 | | 453 | 06512 | 21 | 11 | 966 | 52685 | 26 | 18 | 811 | 70837 | 25 | 23 | 03 | 1 |
| 109 | PORT HARDY | 046 | 11104 | | | 487 | 03057 | | | 001 | 53621 | | | 864 | 62723 | | | 03 | 1 |
| 188 | MINGAN L PT | 022 | 02063 | 29 | 10 | 464 | 05517 | 02 | 18 | 977 | 50619 | 34 | 28 | 838 | 64803 | 33 | 50 | 03 | 1 |
| | BLOCK 76 | | | | | | | | | | | | | | | | | | |
| 458 | MAZATLAN | 031 | 28234 | | | 499 | 19139 | | | 039 | 10043 | | | 928 | 57616 | | | 04 | 1 |
| 491 | C VICTORIA | 101 | 44 | | | | | | | *** | ***** | | | *** | ***** | | | 02 | 1 |
| 644 | MERIDA | 044 | 27234 | | | 510 | 17157 | | | 046 | 08029 | | | 934 | 56638 | | | 03 | 1 |
| 679 | TACUBAYA | 020 | | | | 492 | | | | 037 | 12051 | | | 931 | 56673 | | | 03 | 1 |
| | BLOCK 78 | | | | | | | | | | | | | | | | | | |
| 016 | KINDLEY FLD | 067 | 24212 | 00 | | 528 | 15105 | 32 | 2 | 061 | 06298 | 00 | | 937 | 61992 | | | 03 | 1 |
| 325 | HAVANA C B | 051 | 25237 | 16 | 8 | 516 | 17142 | 12 | 17 | 053 | 07057 | 16 | 10 | *** | ***** | | | 03 | 1 |
| 501 | SWAN ISLAND | 038 | 22212 | | | 498 | 15105 | | | 031 | 05587 | | | *** | ***** | | | 03 | 1 |
| 525 | SAN JUAN | 051 | 25234 | 12 | 6 | 514 | 17133 | 11 | 4 | 052 | 10519 | 13 | 7 | *** | ***** | | | 03 | 1 |
| 741 | MANAGUA | 032 | 24199 | 12 | 5 | 497 | 18144 | 03 | 14 | 038 | 12041 | 07 | 13 | 932 | 58619 | 04 | 6 | 03 | 1 |
| 967 | CHAGUARAMAS | 047 | 23195 | | | 507 | 16138 | | | 040 | 06519 | | | 920 | 57994 | | | 03 | 1 |
| 972 | WALLER FIELD | 037 | 23222 | 07 | 9 | 494 | 13108 | 07 | 14 | 034 | 05569 | 07 | 23 | 901 | 58992 | 07 | 36 | 03 | 1 |
| | BLOCK 91 | | | | | | | | | | | | | | | | | | |
| 115 | IWO JIMA | 530 | | | | 496 | 19121 | 11 | 10 | 037 | 10049 | 10 | 21 | 933 | 55603 | 09 | 3 | 03 | 1 |
| 182 | HONOLULU | 047 | 24165 | 06 | 11 | 507 | 14018 | 05 | 10 | 040 | 10997 | 09 | 11 | 935 | 56993 | 18 | 10 | 03 | 1 |
| 245 | WAKE ISLAND | | 27217 | 14 | 8 | 491 | 17133 | 21 | 7 | 029 | 08**5 | 20 | 11 | 917 | 57674 | 22 | 14 | 03 | 1 |
| 275 | JOHNSON IS | 053 | 00817 | | | 503 | 18101 | 08 | 12 | 042 | 09996 | 11 | 4 | 943 | 52997 | 07 | 3 | 03 | 1 |
| 366 | KWAJALEIN | 024 | 31242 | | | 493 | 20114 | 10 | 8 | 036 | 12505 | 11 | 11 | 937 | 53703 | 06 | 5 | 03 | 1 |
| 413 | YAP | 029 | 30232 | | | 492 | 16112 | | | 032 | 08509 | | | 925 | 54089 | | | 03 | 1 |
| | BLOCK 98 | | | | | | | | | | | | | | | | | | |
| 327 | CLARK FIELD | 027 | | | | 495 | 18136 | 24 | 7 | 031 | 07006 | 24 | 5 | 918 | 55639 | 22 | 3 | 03 | 1 |
| 645 | CEBU | 028 | 30222 | | | 500 | 18125 | | | 034 | 09012 | | | 928 | 55612 | | | 03 | 8 |
| QLL | OCEAN STA | | | | | | | | | | | | | | | | | | |
| 034 | 0 355 400 | 059 | 22189 | 28 | 15 | 516 | 15096 | 28 | 20 | 050 | 08572 | 29 | 28 | 935 | 59685 | 29 | 20 | 03 | 9 |
| 035 | 0 340 520 | 068 | 2*202 | 29 | 6 | 528 | 17818 | 25 | 12 | 063 | 07997 | 25 | 15 | 938 | 58991 | 24 | 15 | 03 | 9 |
| 041 | 0 450 160 | 153 | 16164 | | | 540 | 10081 | | | 120 | 04518 | | | 788 | 61635 | | | 02 | 8 |
| 044 | 0 450 450 | 026 | 18177 | 19 | 20 | 480 | 13113 | 21 | 23 | 010 | 05036 | 22 | 28 | 889 | 60631 | 25 | 46 | 03 | 9 |
| 051 | 0 538 187 | 025 | 55550 | | | 468 | 47470 | 20 | 18 | 989 | 35280 | 22 | 27 | 859 | 13010 | 23 | 47 | 02 | 2 |
| 053 | 0 527 355 | 032 | 10094 | 21 | 19 | 472 | 04017 | 26 | 19 | 987 | 51531 | 26 | 22 | 848 | 64694 | 25 | 38 | 03 | 9 |
| 055 | 0 565 510 | 010 | 08061 | 10 | 15 | 450 | 05022 | 11 | 19 | 963 | 52623 | 13 | 7 | 818 | 68714 | 16 | 6 | 03 | 9 |
| 062 | 0 600 200 | 007 | 54500 | | | 447 | 40360 | 18 | 28 | 971 | 27140 | 17 | 44 | 815 | 94720 | 17 | 54 | 03 | 2 |
| 063 | 0 620 330 | 502 | | | | 431 | 02521 | | | 943 | 53626 | 07 | 13 | 789 | 71853 | 06 | 16 | 03 | 9 |
| 134 | 1 300 400 | 064 | 18164 | 07 | 13 | 514 | 08063 | 06 | 10 | 042 | 06575 | 17 | 8 | 928 | 57992 | 19 | 24 | 03 | 9 |
| 144 | 1 490 480 | 063 | 11114 | | | 511 | 12084 | | | 039 | 03548 | 30 | 45 | 913 | 59687 | 30 | 41 | 03 | 9 |
| 215 | 2 110 560 | 033 | 29247 | | | 492 | 19175 | | | 027 | 11500 | | | 919 | 54995 | | | 03 | 9 |
| 223 | 2 292 343 | 030 | 25 | | | 492 | 19 | | | 030 | 12*** | | | 937 | 00*** | | | 02 | 1 |
| 235 | 2 390 531 | 045 | 22 | | | 501 | 15 | | | 030 | 07*** | | | 913 | 55*** | | | 03 | 1 |
| 246 | 2 440 650 | 040 | 14144 | 22 | 18 | 489 | 14123 | 24 | 21 | 024 | 07043 | 24 | 22 | 900 | 54592 | | | 03 | 9 |
| 360 | 3 660 020 | 175 | 08054 | 24 | 6 | 495 | 05523 | 30 | 18 | 055 | 52633 | 28 | 20 | 649 | 66775 | 20 | 21 | 03 | 5 |

**JULY 23**

| Index No. | Station Name | 1000 mb. | | | | 850 mb. | | | | 700 mb. | | | | 500 mb. | | | | Hour | Code Type |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| iii | | hhh | TTTTT ddx | dd | ff | hhh | TTTTT ddx | dd | ff | hhh | TTTTT ddx | dd | ff | hhh | TTTTT ddx | dd | ff | GG | |
| | BLOCK 01 | | | | | | | | | | | | | | | | | | |
| 001 | JAN MAYEN | 108 | 07069 | | | 450 | 05043 | | | 006 | 54541 | | | 583 | 69770 | | | 03 | 8 |
| 030 | TROMSO | 177 | 04021 | | | 490 | 55556 | | | 889 | 59659 | | | 522 | 73803 | | | 03 | 8 |
| 384 | GARDERMOEN | 152 | 99999 | | | 524 | 10009 | 00 | | 103 | 52594 | 03 | 2 | 708 | 62266 | 05 | 14 | 03 | 5 |
| 415 | SOLA | 173 | 12111 | | | 540 | 10005 | | | 118 | 54619 | | | 723 | 68801 | | | 03 | 8 |
| | BLOCK 02 | | | | | | | | | | | | | | | | | | |
| 057 | LULEA KALLAS | 147 | 10042 | | | 500 | 05513 | | | 048 | 52617 | | | 637 | 69773 | | | 03 | 8 |
| 077 | STOCKHOLM | 145 | 13075 | 03 | 18 | 500 | 07503 | 03 | 16 | 074 | 50585 | 03 | 14 | 689 | 65744 | 05 | 14 | 03 | 5 |
| 084 | GOTEBORG | 145 | 15113 | | | 523 | 10501 | | | 095 | 53597 | | | 697 | 67779 | | | 03 | 8 |
| | BLOCK 03 | | | | | | | | | | | | | | | | | | |
| 005 | LERWICK | 047 | 95550 | | | 492 | 49360 | 21 | 12 | 011 | 32200 | | | 874 | 09890 | 21 | 19 | 02 | 2 |
| 026 | STORNOWAY | 053 | 59380 | | | 495 | 46180 | 25 | 14 | 034 | 30670 | 25 | 24 | 905 | 12900 | 26 | 29 | 08 | 2 |
| 171 | LEUCHARS | 049 | 58550 | | | 497 | 49 0 | | | 018 | 35280 | | | 882 | 08550 | | | 02 | 7 |
| 476 | DOWNHAM MKT | 052 | 67590 | 12 | 12 | 507 | 53470 | 23 | 11 | 029 | 36180 | 26 | 10 | 894 | 08930 | | | 02 | 2 |
| 743 | LARKHILL | 053 | 55300 | | | 555 | 52420 | 23 | 17 | 030 | 37170 | 24 | 15 | 897 | 09940 | 25 | 7 | 02 | 2 |
| 808 | CAMBORNE | 057 | 61610 | 28 | 9 | 505 | 53410 | 22 | 8 | 032 | 41320 | 21 | 4 | 902 | 09015 | 28 | 10 | 02 | 2 |
| 917 | ALDERGROVE | 053 | 61580 | 32 | 5 | 499 | 50440 | 23 | 16 | 020 | 35350 | 26 | 18 | 887 | 09960 | 26 | 19 | 02 | 2 |
| 953 | VALENTIA | 055 | 61 0 | | | 504 | 50 0 | | | 026 | 37**0 | | | 898 | 15**0 | | | 03 | 7 |
| | BLOCK 04 | | | | | | | | | | | | | | | | | | |
| 018 | KEFLAVIK | 002 | | | | 439 | 02503 | 09 | 10 | 944 | 57631 | 08 | 9 | 777 | 72792 | 04 | 30 | 03 | 1 |
| 202 | THULE | 040 | 06025 | 18 | 2 | 472 | 51513 | 15 | 7 | 972 | 59600 | 19 | 12 | 804 | 73766 | 24 | 30 | 03 | 1 |
| 231 | SDR STROMFRD | 021 | 09022 | 04 | 11 | 463 | 08001 | 02 | 3 | 979 | 52592 | 18 | 3 | 968 | 67773 | 12 | 10 | 09 | 1 |
| 270 | NARSSARSSUAK | 101 | 58 | | | | | | | *** | ***** | | | *** | ***** | | | 03 | 1 |
| 339 | SCORESBYSUND | 045 | 06850 | 13 | 5 | 480 | 05535 | 04 | 17 | 993 | 51*** | 04 | 11 | 849 | 66120 | | | 03 | 1 |
| 360 | ANGMAGSSALIK | 101 | 06050 | 00 | | 429 | 04520 | 18 | 16 | 984 | 56620 | 06 | 16 | 533 | 70780 | 04 | 20 | 03 | 1 |
| | BLOCK 06 | | | | | | | | | | | | | | | | | | |
| 011 | THORSHAVN | 101 | 11101 | | | 452 | 06068 | | | 023 | 50595 | | | 627 | 67781 | | | 03 | 8 |
| 260 | DE BILT | 160 | 15144 | | | 539 | 10068 | | | 130 | 01003 | | | 765 | 64792 | | | 03 | 8 |
| 447 | UCCLE | 161 | 18163 | | | 532 | 10057 | | | 122 | 00533 | | | 741 | 65703 | | | 03 | 8 |
| 610 | PAYERNE | 175 | | | | 535 | 12031 | 04 | 10 | 115 | 50586 | 36 | 10 | 740 | 65731 | 32 | 27 | 05 | 5 |
| | BLOCK 07 | | | | | | | | | | | | | | | | | | |
| 110 | BREST | 172 | 15158 | 34 | 6 | 550 | 13021 | 30 | 5 | 146 | 02522 | 24 | 8 | 788 | 64660 | 28 | 15 | 02 | 5 |
| 145 | TRAPPES | 164 | | | | 610 | 15103 | | | 225 | ***** | | | 847 | 65688 | | | 02 | 8 |
| 190 | STRASBOURG | 159 | 14134 | | | 540 | 12065 | | | 130 | 00556 | | | 756 | 64716 | | | 02 | 8 |
| 480 | LYON | 143 | | | | 510 | 12009 | | | 129 | 02601 | | | 759 | 63768 | | | 02 | 8 |
| 510 | BORDEAUX | 169 | 15147 | 27 | 6 | 570 | 11044 | 26 | 18 | 138 | 01579 | 31 | 12 | 783 | 62695 | 31 | 14 | 02 | 5 |
| 645 | NIMES | 134 | 24092 | | | 550 | 16012 | | | 145 | 02563 | | | 787 | 61696 | | | 02 | 8 |
| | BLOCK 08 | | | | | | | | | | | | | | | | | | |
| 509 | LAGENS | 061 | 21201 | 23 | 23 | 517 | 12104 | 24 | 17 | 039 | 05601 | 23 | 26 | 917 | 60990 | 24 | 23 | 03 | 1 |
| 521 | FUNCHAL | 177 | 22162 | | | 583 | 21074 | | | 232 | 11602 | | | 943 | 56748 | | | 14 | 8 |
| 536 | PORTELA | 143 | 24172 | | | 559 | 20086 | | | 221 | 13612 | | | 952 | 55997 | | | 14 | 8 |
| | BLOCK 10 | | | | | | | | | | | | | | | | | | |
| 034 | SCHLESWIG | 050 | 59540 | 12 | 7 | 497 | 47340 | 35 | 3 | 015 | 31110 | 32 | 7 | 870 | 99750 | 35 | 15 | 02 | 2 |
| 384 | TEMPELHOF | 133 | 14114 | 33 | 12 | 496 | 07507 | 33 | 17 | 069 | 52588 | 34 | 16 | 673 | 67993 | 32 | 10 | 03 | 5 |
| 419 | ISERLOHN | 054 | | | | 561 | 48390 | | | 019 | 30220 | | | 877 | 02760 | | | 02 | 7 |
| 633 | WIESBADEN | 159 | 16122 | 00 | | 538 | 10074 | 32 | 17 | 128 | 00524 | 31 | 25 | 756 | 64998 | 32 | 25 | 03 | 5 |
| 672 | ERLANGEN | 153 | | | | 522 | 10074 | | | 101 | 52533 | | | 695 | 67754 | | | 03 | 8 |
| 866 | MUNCHEN RIEM | 159 | 99999 | 99 | 99 | 530 | 09061 | 29 | 17 | 112 | 50517 | 30 | 20 | 723 | 61691 | 32 | 22 | 03 | 5 |
| | BLOCK 11 | | | | | | | | | | | | | | | | | | |
| 030 | TULLN | 139 | | | | 498 | 07031 | 32 | 25 | 063 | 52688 | 32 | 26 | 663 | 68**1 | 31 | 9 | 03 | 5 |
| 567 | PRAHA KBELY | 145 | | | | 500 | 06039 | | | 068 | 53563 | | | 662 | 66744 | | | 05 | 5 |
| | BLOCK 42 | | | | | | | | | | | | | | | | | | |
| 182 | NEW DELHI | 503 | | | | 140 | 2219 | | | 307 | 1109* | | | 581 | 5355* | | | 14 | 8 |
| 339 | JODHPUR | 503 | | | | 143 | 2217 | | | 309 | 1305* | | | 582 | 5463* | | | 15 | 8 |
| 475 | BAMRAULI AL | 504 | | | | 137 | 1717 | | | 301 | 0909* | | | 574 | 5454* | | | 15 | 8 |
| 867 | NAGPUR | 000 | | | | 143 | 1717 | | | 306 | 0808* | | | *** | ***** | | | 14 | 8 |
| 909 | VERAVAL | 001 | 2725 | | | 143 | 1717 | | | 309 | 1451* | | | 581 | ***** | | | 14 | 8 |
| | BLOCK 43 | | | | | | | | | | | | | | | | | | |
| 063 | POONA | 003 | | | | 145 | 1815 | | | 311 | 1204* | | | 583 | 55*** | | | 14 | 8 |
| 149 | VIZAGAPATAM | 000 | | | | 145 | 2218 | | | 311 | 1010* | | | 585 | 5555* | | | 14 | 8 |
| 279 | MADRAS | 003 | 2823 | | | 146 | 1814 | | | 311 | 1002* | | | 583 | 54*** | | | 14 | 8 |
| 371 | TRIVANDRUM | 007 | 2523 | | | 149 | 1616 | | | 313 | 0909* | | | 586 | 55*** | | | 15 | 8 |
| | BLOCK 45 | | | | | | | | | | | | | | | | | | |
| 007 | KAI TAK | 004 | 26250 | | | 143 | 19140 | | | 308 | 10020 | | | 580 | 53**0 | | | 22 | 8 |
| | BLOCK 47 | | | | | | | | | | | | | | | | | | |
| 580 | MISAWA | 024 | 22202 | 07 | 4 | 485 | 16155 | 27 | 25 | 023 | 09011 | 27 | 27 | 924 | 52720 | 27 | 44 | 03 | 1 |
| 635 | NAGOYA | 035 | 30223 | 26 | 3 | 510 | 16147 | 18 | 7 | 045 | 07029 | 24 | 11 | 925 | 59992 | 27 | 5 | 04 | 1 |
| 671 | TOKYO | 033 | 30213 | 19 | 18 | 505 | 22098 | 24 | 8 | 051 | 13053 | 25 | 9 | 957 | 51992 | 24 | 9 | 03 | 1 |
| 808 | ITAZUKE | 029 | 31239 | 16 | 5 | 501 | 71126 | 29 | 4 | 045 | 12071 | 19 | 13 | 950 | 51601 | 21 | 15 | 03 | 1 |
| 931 | KADENA OKINW | 101 | 59 | | | | | | | *** | ***** | | | *** | ***** | | | 03 | 1 |
| | BLOCK 60 | | | | | | | | | | | | | | | | | | |
| 715 | TUNIS | 127 | 22224 | | | 550 | 18515 | | | 119 | 08661 | | | 856 | 58771 | | | 02 | 8 |
| | BLOCK 61 | | | | | | | | | | | | | | | | | | |
| 642 | DAKAR OUAKAM | 113 | 25234 | 33 | 5 | 540 | 18143 | 18 | 6 | 171 | 08065 | 09 | 21 | 864 | 58628 | 08 | 15 | 07 | 5 |
| | BLOCK 62 | | | | | | | | | | | | | | | | | | |
| 366 | FAROUK | 079 | 20153 | | | 470 | 17 4 | 34 | 22 | 115 | 13**1 | 35 | 10 | 856 | 52**0 | 31 | 17 | 03 | 5 |
| | BLOCK 70 | | | | | | | | | | | | | | | | | | |
| 026 | BARROW | 050 | 01525 | 07 | 20 | 492 | 09034 | 11 | 15 | 012 | 50663 | 11 | 13 | 870 | 65799 | 01 | 26 | 03 | 1 |
| 133 | KOTZEBUE | 027 | 14127 | 07 | 4 | 472 | 06018 | 12 | 24 | 986 | 53542 | | | 837 | 67696 | | | 03 | 1 |
| 200 | NOME | 022 | 10098 | 12 | 14 | 459 | 03022 | 13 | 18 | 967 | 56561 | 14 | 17 | 810 | 72752 | 12 | 24 | 03 | 1 |
| 204 | GAMBELL | | 8 | | | | | | | | | | | | | | | | |
| 219 | BETHEL | 030 | 09079 | | | 466 | 03034 | | | 977 | 53602 | | | 824 | 69803 | | | 03 | 1 |
| 231 | MCGRATH | 029 | | | | 476 | 06037 | 18 | 19 | 990 | 51567 | | | 844 | 57787 | | | 03 | 1 |
| 261 | FRBNKS WEEKS | 029 | | | | 484 | 11046 | 09 | 12 | 005 | 50557 | 15 | 10 | 862 | 67733 | 13 | 6 | 03 | 1 |
| 273 | ANCH MERRILL | 042 | 16081 | 27 | 5 | 485 | 04021 | 14 | 10 | 001 | 00631 | 24 | 9 | 862 | 66803 | 28 | 21 | 03 | 1 |
| 350 | KODIAK | 032 | 13096 | | | 472 | 10072 | | | 994 | 01574 | | | 856 | 64715 | | | 03 | 1 |
| 361 | YAKUTAT | 047 | 11093 | 26 | 5 | 486 | 05025 | 29 | 13 | 004 | 00662 | 30 | 15 | *** | ***** | | | 03 | 1 |
| 381 | JUNEAU | 041 | 15078 | 28 | 4 | 488 | 06511 | 10 | 4 | 004 | 00605 | 04 | 12 | 861 | 68773 | 03 | 19 | 03 | 1 |
| 398 | ANNETTE IS | 034 | 14085 | 33 | 9 | 476 | 04515 | 04 | 3 | 985 | 55600 | 07 | 10 | 829 | 69728 | 21 | 2 | 03 | 1 |
| 409 | MASSACRE BAY | 029 | 06047 | | | 459 | 05996 | | | 977 | 00990 | | | 614 | 61993 | | | 03 | 1 |
| 439 | AMCHITKA | 036 | 07071 | | | 478 | 09099 | | | 003 | 03027 | | | 893 | 53574 | | | 03 | 1 |
| 454 | LONGVIEW | 045 | 08081 | 00 | | 486 | 08080 | 35 | 20 | 008 | 03030 | 24 | 34 | 882 | 58602 | | | 03 | 1 |
| 485 | FORT GLENN | 048 | 10086 | 22 | 11 | 490 | 09090 | 25 | 31 | *** | ***** | | | *** | ***** | | | 05 | 1 |
| | BLOCK 72 | | | | | | | | | | | | | | | | | | |
| 202 | MIAMI | 059 | 27231 | 16 | 11 | 523 | 16141 | 12 | 24 | 060 | 08031 | 12 | 16 | 943 | 58716 | 35 | 10 | 03 | 1 |
| 208 | CHARLESTON | 064 | 25208 | 19 | 4 | 528 | 18117 | 21 | 9 | 067 | 09568 | 14 | 10 | 956 | 56737 | 13 | 22 | 04 | 1 |
| 211 | TAMPA | 060 | 26206 | | | 524 | 16141 | | | 057 | 06008 | | | 937 | 60663 | | | 03 | 1 |
| 219 | ATLANTA | 064 | | | | 529 | 18134 | 14 | 13 | 066 | 08021 | 17 | 21 | 954 | 56621 | | | 03 | 1 |
| 231 | NEW ORLEANS | 052 | 24212 | 13 | 11 | 514 | 15138 | 19 | 9 | 048 | 07045 | 28 | 4 | 936 | 56609 | 33 | 3 | 04 | 1 |
| 240 | LAKE CHARLES | 048 | 23229 | | | 510 | 16148 | | | 044 | 08051 | | | 932 | 56604 | | | 03 | 1 |
| 250 | BROWNSVILLE | 040 | 27240 | 14 | 15 | 508 | 20070 | 14 | 16 | 047 | 09526 | 13 | 9 | 937 | 55991 | 31 | 7 | 03 | 1 |
| 253 | SAN ANTONIO | 037 | | | | 508 | 20153 | 12 | 6 | 048 | 09511 | 12 | 5 | 936 | 56994 | 20 | 4 | 03 | 1 |
| 259 | FT WORTH | 040 | | | | 508 | 20107 | 15 | 6 | 048 | 09062 | 07 | 9 | 936 | 57588 | 05 | 14 | 03 | 1 |
| 265 | BIG SPRING | 035 | | | | 507 | 22113 | 16 | 20 | 048 | 08049 | 17 | 15 | 935 | 57598 | 12 | 8 | 05 | 1 |
| 270 | EL PASO | 024 | | | | 498 | 22131 | 09 | 6 | 042 | 11053 | 11 | 10 | 933 | 57604 | | | 03 | 1 |
| 278 | PHOENIX | 023 | | | | 493 | 22113 | 33 | 4 | 034 | 10052 | | | 924 | 56611 | | | 03 | 1 |
| 304 | HATTERAS | 061 | 24218 | 22 | 21 | 527 | 19111 | 28 | 11 | 066 | 10583 | 26 | 15 | 957 | 56990 | 27 | 14 | 03 | 1 |

## RADIOSONDE AND RAWINSONDE DATA— Continued

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| 768 | 087 | 92993 | | | 945 | 05991 | | | 401 | 05995 | | | 03 | 1 |
| 775 | 089 | 91997 | | | 950 | 04996 | | | | | | | 03 | 1 |
| 785 | 083 | 91996 | 24 | 36 | 950 | 03992 | 24 | 58 | | | | | 03 | 1 |
| 798 | 081 | 91990 | 29 | 34 | 952 | 01990 | 29 | 41 | 431 | 02998 | | | 03 | 1 |
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| 815 | | | | | | | | | | | | | | |
| 816 | 021 | 91990 | 33 | 40 | 896 | 00990 | 34 | 48 | | | | | 03 | 1 |
| 826 | 080 | 87991 | | | 961 | 04994 | | | | | | | 03 | 1 |
| 836 | | 86893 | | | 979 | 01990 | | | 441 | 03993 | | | 03 | 1 |
| 867 | 052 | 91992 | | | 930 | 96996 | | | 437 | 98990 | | | 03 | 1 |
| 879 | 059 | 92990 | 26 | 31 | 920 | | | | | | | | 03 | 1 |
| 896 | 043 | 93998 | 26 | 26 | 908 | 98996 | 27 | 26 | 405 | 98994 | 29 | 21 | 03 | 1 |
| 906 | 005 | 92998 | | | 877 | | | | | | | | 03 | 1 |
| 907 | 033 | 90994 | | | 895 | 10991 | | | | | | | 03 | 1 |
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| 913 | 008 | 91993 | 21 | 41 | 881 | 97992 | 21 | 42 | | | | | 03 | 1 |
| 915 | | | | | | | | | | | | | | |
| 917 | 959 | 92991 | | | 864 | 89993 | | | | | | | 03 | 1 |
| 918 | 920 | 97991 | | | 800 | 91999 | | | 329 | 95993 | | | 03 | 1 |
| 924 | 914 | 92992 | 34 | 23 | 820 | 91991 | 08 | 18 | 354 | 93997 | 04 | 17 | 03 | 1 |
| 926 | 101 | 59 | | | | | | | | | | | 03 | 1 |
| 934 | 021 | 95990 | | | 880 | 03995 | | | 379 | 95999 | | | 03 | 1 |
| 938 | 013 | 95994 | | | 890 | 56999 | | | | | | | 02 | 1 |
| 945 | 001 | 94999 | | | 893 | 95990 | | | 416 | 94992 | | | 03 | 1 |
| 964 | 101 | 50 | | | | | | | | | | | 04 | 1 |
| 968 | 044 | 94992 | | | 920 | 97992 | | | 440 | 93994 | | | 02 | 1 |
| 74 | | | | | | | | | | | | | | |
| 043 | 027 | 96997 | | | 888 | 97998 | | | 404 | 94994 | | | 03 | 1 |
| 072 | 040 | 92999 | | | | | | | | | | | 03 | 1 |
| 074 | 036 | 94990 | | | 914 | 94998 | | | | | | | 03 | 1 |
| 090 | 988 | 95996 | 24 | 10 | 859 | 96998 | 27 | 5 | 382 | 93992 | 19 | 7 | 03 | 1 |
| 109 | 084 | 87007 | | | 967 | 97992 | | | 475 | 98992 | | | 03 | 1 |
| 188 | 041 | 91993 | | | 914 | 05994 | | | 368 | ***** | | | 03 | 1 |
| 76 | | | | | | | | | | | | | | |
| 458 | 174 | 83877 | | | 071 | | | | | | | | 04 | 1 |
| 491 | 101 | 44 | | | | | | | | | | | 02 | 1 |
| 644 | 180 | 83893 | | | 070 | 06991 | | | 429 | ***** | | | 03 | 1 |
| 679 | 173 | 84872 | | | 066 | 06994 | | | | | | | 03 | 1 |
| 78 | | | | | | | | | | | | | | |
| 016 | | | | | | | | | | | | | | |
| 325 | | | | | | | | | | | | | | |
| 501 | | | | | | | | | | | | | | |
| 525 | | | | | | | | | | | | | | |
| 741 | 175 | 83900 | 08 | 17 | 067 | 90990 | | | 023 | ***** | | | 03 | 1 |
| 967 | 159 | 83991 | | | | | | | | | | | 03 | 1 |
| 972 | 155 | 85995 | 09 | 9 | 041 | 06992 | 07 | 8 | | | | | 03 | 1 |
| 91 | | | | | | | | | | | | | | |
| 115 | 169 | 80877 | 01 | 6 | 068 | 03990 | 01 | 33 | | | | | 03 | 1 |
| 182 | 169 | 86962 | 28 | 17 | 051 | 07994 | 31 | 46 | 446 | 15998 | 04 | 10 | 03 | 1 |
| 245 | | | | | | | | | | | | | | |
| 275 | 101 | 50 | | | | | | | | | | | 03 | 1 |
| 366 | 194 | 80997 | 20 | 14 | 096 | 00991 | 23 | 36 | | | | | 03 | 1 |
| 413 | | | | | | | | | | | | | | |
| 98 | | | | | | | | | | | | | | |
| 327 | 178 | 79874 | 19 | 7 | 105 | 00991 | 15 | 7 | 760 | 12250 | | | 03 | 1 |
| 645 | 181 | 81916 | | | 088 | 03991 | | | 441 | 24997 | | | 03 | 8 |
| QLL | | OCEAN | STA | | | | | | | | | | | |
| 034 | 162 | 88943 | 29 | 15 | 032 | 09990 | 29 | 15 | 084 | ***** | | | 03 | 9 |
| 035 | 185 | 85990 | 25 | 18 | 071 | 06997 | 30 | 45 | 443 | 17991 | | | 03 | 9 |
| 041 | 951 | 88910 | | | 220 | 03 5 | | | 652 | 10**4 | | | 02 | 8 |
| 044 | 118 | 86914 | 23 | 49 | 996 | 09997 | | | 414 | ***** | | | 03 | 9 |
| 051 | 074 | 59590 | 23 | 54 | | | | | | | | | 02 | 2 |
| 053 | 050 | 92993 | 28 | 63 | 915 | 08993 | 28 | 35 | 392 | ***** | | | 03 | 9 |
| 055 | 005 | 96995 | 31 | 6 | 872 | 96994 | 24 | 19 | 374 | 98999 | | | 03 | 9 |
| 062 | 989 | 49 0 | 17 | 72 | | | | | | | | | 03 | 2 |
| 063 | 953 | 98993 | 08 | 23 | 840 | 93995 | 04 | 11 | 361 | 95997 | 02 | 3 | 03 | 9 |
| 134 | 167 | 85996 | 27 | 6 | 047 | 06995 | 16 | 17 | 437 | 17997 | | | 03 | 9 |
| 144 | 141 | 85947 | | | 037 | 06996 | | | 458 | 07998 | | | 03 | 9 |
| 215 | 101 | 43 | | | | | | | | | | | 03 | 9 |
| 223 | 223 | 75 | | | 143 | 01 | | | | | | | 02 | 1 |
| 235 | 155 | 76 | | | 078 | 10 | | | 510 | 08*** | | | 03 | 1 |
| 246 | 101 | 50 | | | | | | | | | | | 03 | 9 |
| 360 | 927 | 94034 | 31 | 42 | 187 | 07993 | 33 | 34 | | | | | 03 | 5 |
| 01 | | | | | | | | | | | | | | |
| 001 | 918 | 97997 | | | 181 | 95994 | | | | | | | 03 | 8 |
| 030 | 910 | 94 0 | | | 177 | 96 3 | | | | | | | 03 | 8 |
| 384 | 101 | 43 | | | | | | | | | | | 03 | 5 |
| 415 | 932 | 96067 | | | 188 | 10998 | | | 630 | 03998 | | | 03 | 8 |
| 02 | | | | | | | | | | | | | | |
| 057 | 927 | 93009 | | | 189 | 05992 | | | | | | | 03 | 8 |
| 077 | 934 | 92991 | 28 | 10 | 197 | 09999 | 27 | 12 | 646 | 97994 | | | 03 | 5 |
| 084 | 930 | 96991 | | | | | | | | | | | 03 | 8 |
| 03 | | | | | | | | | | | | | | |
| 005 | 080 | 60420 | 20 | 27 | 943 | 0 | 21 | 24 | 412 | 44**0 | 26 | 10 | 02 | 2 |
| 026 | 101 | 50 | | | | | | | | | | | 08 | 2 |
| 171 | 086 | 57 0 | | | | | | | | | | | 02 | 7 |
| 476 | 098 | 56 0 | 33 | 34 | 959 | 33 0 | 31 | 37 | | | | | 02 | 2 |
| 743 | 110 | 59 0 | 30 | 17 | 981 | 30 0 | | | 435 | 34**0 | 29 | 18 | 02 | 2 |
| 808 | 182 | 66540 | 28 | 13 | 004 | 35 0 | 27 | 37 | | | | | 02 | 2 |
| 917 | 094 | 55 0 | 27 | 24 | 955 | 34 0 | 26 | 31 | | | | | 02 | 2 |
| 953 | 112 | 60 0 | | | 976 | 28 0 | | | 434 | 34**0 | | | 03 | 7 |
| 04 | | | | | | | | | | | | | | |
| 018 | 939 | 92994 | 06 | 36 | 851 | 89988 | | | | | | | 03 | 1 |
| 202 | 976 | 95997 | 23 | 56 | 849 | 94999 | | | | | | | 03 | 1 |
| 231 | 024 | 94999 | 14 | 22 | 884 | 01998 | 15 | 12 | | | | | 09 | 1 |
| 270 | 101 | 58 | | | | | | | | | | | 03 | 1 |
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| 06 | | | | | | | | | | | | | | |
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| 447 | 420 | 92 0 | | | 067 | 04 0 | | | | | | | 03 | 8 |
| 610 | 410 | 09961 | 31 | 55 | 070 | 04 0 | 37 | 50 | | | | | 05 | 5 |
| 07 | | | | | | | | | | | | | | |
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| 145 | 955 | 92 1 | | | 218 | 05 7 | | | | | | | 02 | 8 |
| 190 | 944 | 90961 | | | 209 | 05 0 | | | 657 | 02**1 | | | 02 | 8 |
| 480 | 946 | 87986 | | | 213 | 06 0 | | | | | | | 02 | 8 |
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| 08 | | | | | | | | | | | | | | |
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| 521 | 976 | 80921 | | | 253 | 00990 | | | 681 | 20997 | | | 14 | 8 |
| 536 | 101 | 43 | | | | | | | | | | | 14 | 8 |
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| 034 | 050 | 46 0 | 01 | 11 | 928 | 48 0 | 34 | 15 | 413 | 43**0 | 34 | 6 | 02 | 2 |
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| 866 | 937 | 91992 | 32 | 61 | 204 | 01991 | 33 | 46 | 655 | 01996 | 31 | 13 | 03 | 5 |
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| 182 | 967 | 80 | | | 293 | 07 | | | 646 | 28*** | | | 14 | 8 |
| 339 | 967 | 81 | | | 241 | 04 | | | | | | | 15 | 8 |
| 475 | 101 | 43 | | | | | | | | | | | 15 | 8 |
| 867 | 101 | 43 | | | | | | | | | | | 14 | 8 |
| 909 | 968 | 77 | | | 248 | 97 | | | | | | | 14 | 8 |
| 43 | | | | | | | | | | | | | | |
| 063 | 967 | 80 | | | | | | | | | | | 14 | 8 |
| 149 | 971 | 79 | | | 249 | 00 | | | | | | | 14 | 8 |
| 279 | 101 | 43 | | | | | | | | | | | 14 | 8 |
| 371 | 968 | 79 | | | 245 | 99 | | | | | | | 15 | 8 |
| 45 | | | | | | | | | | | | | | |
| 007 | 101 | 50 | | | | | | | | | | | 22 | 8 |
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| 580 | 162 | 75822 | 26 | 45 | 120 | 96990 | 29 | 72 | 552 | 09990 | | | 03 | 1 |
| 635 | 161 | 84990 | 22 | 9 | 049 | 06995 | 10 | 5 | | | | | 04 | 1 |
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| 808 | 231 | 74778 | 18 | 16 | 166 | 91998 | 13 | 12 | 626 | 18990 | 12 | 26 | 03 | 1 |
| 931 | 101 | 59 | | | | | | | | | | | 03 | 1 |
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| 366 | 705 | 78 0 | 28 | 16 | | | | | | | | | 03 | 5 |
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| 026 | 068 | 93992 | 11 | 39 | 929 | 04998 | 11 | 23 | 429 | 95997 | 13 | 8 | 03 | 1 |
| 133 | 028 | 92997 | | | 904 | 94994 | | | 427 | 94998 | | | 03 | 1 |
| 200 | 974 | 96993 | 10 | 34 | 865 | 92999 | 13 | 17 | | | | | 03 | 1 |
| 204 | 985 | 96998 | | | | | | | | | | | 03 | 1 |
| 219 | 006 | 92990 | | | 906 | 91992 | | | 427 | ***** | | | 03 | 1 |
| 231 | 027 | 96990 | | | 904 | 95996 | | | 411 | 97994 | | | 03 | 1 |
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| 273 | 101 | 50 | | | | | | | | | | | 03 | 1 |
| 350 | 101 | 50 | | | | | | | | | | | 03 | 1 |
| 361 | 101 | 50 | | | | | | | | | | | 03 | 1 |
| 381 | | | | | | | | | | | | | 03 | 1 |
| 398 | 010 | 96995 | | | 887 | 96996 | | | 397 | 97996 | | | 03 | 1 |
| 409 | 946 | 83998 | | | 976 | 04990 | | | 440 | 01992 | | | 03 | 1 |
| 439 | 171 | 73831 | | | | | | | | | | | 03 | 1 |
| 454 | 019 | | | | | | | | | | | | 03 | 1 |
| 485 | 101 | 43 | | | | | | | | | | | 03 | 1 |
| 72 | | | | | | | | | | | | | | |
| 202 | 179 | 84904 | 28 | 24 | 067 | 02993 | 30 | 38 | | | | | 03 | 1 |
| 208 | 198 | 84992 | 12 | 32 | 092 | 02999 | 12 | 31 | 484 | 21999 | 11 | 17 | 04 | 1 |
| 211 | 167 | 85894 | | | 053 | 05995 | | | 428 | ***** | | | 03 | 1 |
| 219 | 200 | 82904 | | | 095 | 03997 | | | 478 | 22997 | | | 03 | 1 |
| 231 | 185 | 82902 | 19 | 4 | | | | | | | | | 04 | 1 |
| 240 | 176 | 82879 | | | 068 | 05990 | | | 448 | ***** | | | 03 | 1 |
| 250 | 188 | 82929 | 00 | | 074 | 05997 | 14 | 4 | 447 | ***** | | | 03 | 1 |
| 253 | 182 | 82993 | 17 | 7 | 077 | 05992 | 12 | 17 | 463 | ***** | | | 03 | 1 |
| 259 | | | | | | | | | | | | | 03 | 1 |
| 265 | 180 | 82902 | 14 | 8 | 076 | 03998 | 12 | 16 | 456 | 17999 | 14 | 23 | 05 | 1 |
| 270 | 181 | 81869 | | | 081 | 03992 | | | 470 | 18998 | | | 03 | 1 |
| 278 | 175 | 82894 | | | | | | | | | | | 03 | 1 |
| 304 | 203 | 82996 | 12 | 11 | 097 | 04992 | 13 | 34 | | | | | 03 | 1 |

## RADIOSONDE AND RAWINSONDE DATA
## SIGNIFICANT LEVELS

| Index No. | 1st. 5th. etc. Level | | 2nd. 6th. etc. Level | | 3rd. 7th. etc. Level | | 4th. 8th. etc. Level | | Hour | Code Type |
|---|---|---|---|---|---|---|---|---|---|---|
| iii | PPP | TTTTT ddx | PPP | TTTTT ddx | PPP | TTTTT ddx | PPP | TTTTT ddx | GG | |
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| 775 | 885 | 21012 | 877 | 23511 | 558 | 59724 | 545 | 60781 | 03 | 1 |
| 785 | 928 | 24046 | 664 | 50623 | 551 | 61646 | 538 | 60686 | 03 | 1 |
| 798 | 013 | 13127 | 796 | 03008 | 766 | 03613 | 728 | 02653 | 03 | 1 |
| 807 | 999 | 15123 | 918 | 18105 | 808 | 10084 | 750 | | 02 | 1 |
| 815 | 005 | 13108 | 892 | 09081 | 714 | 53531 | 617 | 57652 | 02 | 1 |
| 816 | 034 | 08057 | 925 | 04511 | 902 | 05004 | 752 | 52532 | 03 | 1 |
| 826 | 948 | 08066 | 856 | 02029 | 826 | 03035 | 800 | 02025 | 03 | 1 |
| 836 | 004 | 16131 | 965 | 16094 | 915 | 15085 | 652 | 00508 | 03 | 1 |
| 867 | 977 | 16092 | 901 | 13002 | 715 | 52573 | 582 | 58745 | 03 | 1 |
| 879 | 932 | 19122 | 570 | 60623 | 558 | 60623 | 525 | 65672 | 03 | 1 |
| 896 | 934 | 13099 | 892 | 11074 | 883 | 11057 | 618 | 57604 | 03 | 1 |
| 906 | 004 | 06026 | 913 | 10511 | 631 | 59724 | 565 | 63998 | 03 | 1 |
| 907 | 007 | 05044 | 920 | 02015 | 890 | 04036 | 801 | 03023 | 03 | 1 |
| 909 | 004 | 10075 | 955 | 07510 | 771 | 01506 | 595 | 60744 | 03 | 1 |
| 913 | 006 | 15105 | 929 | 09066 | 722 | 53557 | 617 | 62636 | 03 | 1 |
| 915 | 002 | 09077 | 973 | 09063 | | | | | 03 | 1 |
| 917 | 008 | 07515 | 787 | 57605 | 610 | 62777 | 428 | 80923 | 03 | 1 |
| 918 | 004 | 02014 | 990 | 51525 | 890 | 50503 | 779 | 57607 | 03 | 1 |
| 924 | 002 | 00008 | 653 | 63681 | 647 | 62679 | 400 | 87931 | 03 | 1 |
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| 934 | 982 | 20086 | 902 | 16062 | 732 | 00863 | 625 | 56706 | 03 | 1 |
| 938 | 012 | 11078 | 958 | 13064 | 931 | 08011 | 769 | 51546 | 02 | 1 |
| 945 | 964 | 15101 | 924 | 12054 | 590 | 60639 | 536 | 64695 | 03 | 1 |
| 964 | 928 | 11042 | 890 | 10041 | 592 | 59595 | 101 | 58*** | 04 | 1 |
| 968 | 015 | 13095 | 977 | 10065 | 926 | 13051 | 762 | 00550 | 02 | 1 |
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| 043 | 002 | 22074 | 670 | 57595 | 657 | 54659 | 644 | 56741 | 03 | 1 |
| 072 | 012 | 04012 | 956 | 51526 | 892 | 08554 | 796 | 06660 | 03 | 1 |
| 074 | 015 | 01002 | 966 | 52530 | 950 | 00508 | 880 | 00527 | 03 | 1 |
| 090 | 003 | 06039 | 975 | 11060 | 925 | 12045 | 900 | 01532 | 03 | 1 |
| 109 | 015 | 12124 | 758 | 01511 | 707 | 53633 | 665 | 54597 | 03 | 1 |
| 188 | 005 | 11065 | 976 | | 800 | 02541 | 778 | 02872 | 03 | 1 |
| 76 | | | | | | | | | | |
| 458 | 009 | 29231 | 954 | 14211 | 742 | 12046 | 720 | 11062 | 04 | 1 |
| 491 | | | | | | | | | | |
| 644 | 012 | 28235 | 739 | 10076 | 659 | 06544 | 636 | 04001 | 03 | 1 |
| 679 | 774 | 16127 | 765 | 17099 | 662 | 08032 | 564 | 50559 | 03 | 1 |
| 78 | | | | | | | | | | |
| 016 | 023 | 25134 | 845 | 15103 | 829 | 16072 | 578 | 53990 | 03 | 1 |
| 325 | 012 | 25233 | 987 | 26216 | | | | | 03 | 1 |
| 501 | 012 | 24232 | 935 | 19183 | 795 | 12051 | 780 | 12508 | 03 | 1 |
| 525 | 016 | 25235 | 926 | 20186 | 758 | 12092 | 732 | 13533 | 03 | 1 |
| 741 | 005 | 25197 | 715 | 13059 | 620 | 00314 | 565 | 50567 | 03 | 1 |
| 967 | 016 | 24205 | 892 | 17142 | 674 | 05576 | 617 | 50614 | 03 | 1 |
| 972 | 008 | 23237 | 892 | 16114 | 809 | 11105 | 755 | 09014 | 03 | 1 |
| 91 | | | | | | | | | | |
| 115 | 998 | 29251 | 940 | 21185 | 872 | 19133 | 835 | 19111 | 03 | 1 |
| 182 | 016 | 26186 | 866 | 15115 | 766 | 09047 | 736 | 10596 | 03 | 1 |
| 245 | 009 | 29229 | 935 | 21186 | 632 | 03566 | 607 | 01551 | 03 | 1 |
| 275 | 013 | 25227 | 942 | 23181 | 906 | 20106 | 868 | 18117 | 03 | 1 |
| 366 | 008 | 31 | 962 | 26225 | 801 | 18141 | 721 | 12585 | 03 | 1 |
| 413 | 008 | 31241 | 400 | 65740 | 350 | 72994 | | | 03 | 1 |
| 98 | | | | | | | | | | |
| 327 | 990 | 31233 | 901 | 21196 | 823 | 17110 | 758 | 10030 | 03 | 1 |
| 645 | 005 | 30226 | 915 | 22188 | 833 | 17102 | 814 | 17111 | 03 | 8 |
| QLL | | OCEAN | STA | | | | | | | |
| 034 | 020 | 24193 | 865 | 14111 | 685 | 07613 | 628 | 02551 | 03 | 9 |
| 035 | 023 | 26223 | 922 | 18125 | 862 | 18034 | 778 | 14591 | 03 | 9 |
| 041 | 018 | 18178 | 018 | 18178 | 980 | 14140 | 915 | 10100 | 02 | 8 |
| 044 | 008 | 19172 | 400 | 71751 | 284 | 89957 | 165 | 14995 | 03 | 9 |
| 051 | 009 | 56560 | | | | | | | 02 | 2 |
| 053 | 011 | 11093 | 932 | 07032 | 918 | 08041 | 639 | 52558 | 03 | 9 |
| 055 | 003 | 08064 | 934 | 08024 | 907 | 07045 | 724 | 51613 | 03 | 9 |
| 062 | 003 | 54500 | | | | | | | 03 | 2 |
| 063 | 998 | 08079 | 969 | 06036 | 954 | 06019 | 866 | 00519 | 03 | 9 |
| 134 | 022 | 20172 | 820 | 08024 | 806 | 11608 | 722 | 09583 | 03 | 9 |
| 144 | 022 | 13123 | 954 | 10109 | 933 | 14145 | 882 | 12093 | 03 | 9 |
| 215 | 080 | 20242 | 740 | 14020 | 670 | 08595 | 610 | 03584 | 03 | 9 |
| 223 | 011 | 25 | 944 | 23 | 779 | 16*** | 741 | 14*** | 02 | 1 |
| 235 | 016 | 22 | 957 | 21 | 547 | 53*** | 379 | 64*** | 03 | 1 |
| 246 | 014 | 14133 | 932 | 16162 | 797 | 12102 | 615 | 01518 | 03 | 9 |
| 360 | 021 | 10061 | 910 | 01001 | 688 | 04019 | 545 | 64755 | 03 | 5 |
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| 030 | 020 | 05035 | 914 | 52531 | 830 | 56655 | 800 | 55594 | 03 | 8 |
| 384 | 994 | 09072 | 969 | 17093 | 952 | 15077 | 933 | 16077 | 03 | 5 |
| 415 | 018 | 10096 | 986 | 15099 | 954 | 17084 | 933 | 16067 | 03 | 8 |
| 02 | | | | | | | | | | |
| 057 | 017 | 09045 | 962 | 11032 | 880 | 07507 | 800 | 00552 | 03 | 8 |
| 077 | 014 | 12042 | 973 | 15054 | 740 | 00561 | 704 | 50573 | 03 | 5 |
| 084 | 017 | 11109 | 976 | 20125 | 691 | 51587 | 587 | 59683 | 03 | 8 |
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| 171 | 017 | 56550 | 974 | 61530 | 592 | 21950 | 570 | 21860 | 02 | 7 |
| 476 | 014 | 61570 | | | | | | | 02 | 2 |
| 743 | 003 | 56320 | 981 | 64550 | 782 | 48240 | 535 | 11020 | 02 | 2 |
| 808 | 010 | 62610 | | | | | | | 02 | 2 |
| 917 | 011 | 62580 | | | | | | | 02 | 2 |
| 953 | 018 | 62 0 | 670 | 33 0 | 650 | 33**0 | 610 | 30**0 | 03 | 7 |
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| 202 | 010 | 05031 | 003 | 06025 | 844 | 51516 | 413 | 82879 | 03 | 1 |
| 231 | 002 | 08027 | 980 | 09019 | 875 | 09027 | 660 | 55610 | 09 | 1 |
| 270 | | | | | | | | | | |
| 339 | 016 | 06900 | 936 | 06850 | 732 | 00215 | 594 | 58932 | 03 | 1 |
| 360 | 006 | 06 | 981 | 07000 | 963 | 07040 | 896 | 04010 | 03 | 1 |
| 06 | | | | | | | | | | |
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| 260 | 013 | 13130 | 990 | 16149 | 935 | 18164 | 898 | 14141 | 03 | 8 |
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| 610 | 962 | 10104 | 941 | 15077 | 900 | 15057 | 740 | 04551 | 05 | 5 |
| 07 | | | | | | | | | | |
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| 145 | 999 | 17126 | 990 | 20187 | 973 | 21187 | 943 | 21174 | 02 | 8 |
| 190 | 001 | 14131 | 982 | 19127 | 940 | 19102 | 825 | 09056 | 02 | 8 |
| 480 | 994 | 16073 | 954 | 20103 | 915 | 18072 | 840 | 12503 | 02 | 8 |
| 510 | 015 | 16152 | 980 | 15141 | 950 | 16136 | 925 | 16094 | 02 | 5 |
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| 384 | 010 | 14122 | 986 | 16080 | 965 | 14058 | 906 | 11052 | 03 | 5 |
| 419 | 989 | 55550 | 967 | 59530 | 759 | 37340 | 744 | 37280 | 02 | 7 |
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| 866 | 958 | 14106 | 945 | 13106 | 913 | 14084 | 772 | 03035 | 03 | 5 |
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| 567 | 983 | 14105 | 635 | 58635 | 568 | 60667 | 277 | 07992 | 05 | 5 |
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| 475 | 984 | 2625 | 955 | 2323 | 914 | 2020* | | 5656* | 15 | 8 |
| 867 | 966 | 2623 | 600 | 5151 | | | | | 14 | 8 |
| 909 | 000 | 2725 | 765 | 1803 | 759 | 1600* | 571 | 5059* | 14 | 8 |
| 43 | | | | | | | | | | |
| 063 | 942 | 2520 | 740 | 1507 | 300 | 79*** | | | 14 | 8 |
| 149 | 995 | 3124 | 741 | 1313 | 350 | 70*** | 132 | 18*** | 14 | 8 |
| 279 | 002 | 2925 | 935 | 2519 | 565 | 0058* | 350 | 72*** | 14 | 8 |
| 371 | 001 | 2523 | 720 | 1110 | 568 | 0150* | 187 | 02*** | 15 | 8 |
| 45 | | | | | | | | | | |
| 007 | 005 | 27250 | 950 | 24220 | 900 | 21190 | 800 | 16110 | 22 | 8 |
| 47 | | | | | | | | | | |
| 580 | 004 | 22202 | 968 | 19198 | 939 | 19198 | 735 | 11094 | 03 | 1 |
| 635 | 011 | 31223 | 875 | 18153 | 544 | 05654 | 400 | 69990 | 04 | 1 |
| 671 | 011 | 31221 | 955 | 27200 | 734 | 15080 | 556 | 03543 | 03 | 1 |
| 808 | 009 | 32233 | 922 | 25192 | 710 | 12090 | 672 | 12005 | 03 | 1 |
| 931 | | | | | | | | | | |
| 60 | | | | | | | | | | |
| 715 | 014 | 21204 | | 25233 | 918 | 22216 | 876 | 21061 | 02 | 8 |
| 61 | | | | | | | | | | |
| 642 | 008 | 25239 | 975 | 23226 | 923 | 21199 | 864 | 18161 | 07 | 5 |
| 62 | | | | | | | | | | |
| 366 | 001 | 20156 | 970 | 19158 | 908 | 13006 | 884 | 18552 | 03 | 5 |
| 70 | | | | | | | | | | |
| 026 | 018 | 03004 | 976 | 07005 | 936 | 09581 | 910 | 11503 | 03 | 1 |
| 133 | 009 | 15131 | 903 | 10023 | 715 | 52534 | 619 | 58621 | 03 | 1 |
| 200 | 007 | 11104 | 796 | 00005 | 635 | 59593 | 400 | 84873 | 03 | 1 |
| 204 | 004 | 06068 | 758 | 00518 | 428 | 77899 | 400 | 81908 | 03 | 1 |
| 219 | 010 | 10085 | 900 | 03034 | 864 | 04033 | 780 | 50506 | 03 | 1 |
| 231 | 998 | 19092 | 800 | 02004 | 623 | 58604 | 618 | 56618 | 03 | 1 |
| 261 | 995 | 23136 | 985 | 21122 | 692 | 51552 | 677 | 51561 | 03 | 1 |
| 273 | 010 | 18091 | 834 | 03011 | 825 | 06016 | 806 | 05552 | 03 | 1 |
| 350 | 012 | 13109 | 940 | 10062 | 880 | 11096 | 780 | 06045 | 03 | 1 |
| 361 | 016 | 12102 | 890 | 04034 | 828 | 05014 | 794 | 06601 | 03 | 1 |
| 381 | 014 | 17073 | 880 | 07002 | 825 | 05542 | 787 | 02542 | 03 | 1 |
| 398 | 008 | 15 | 763 | 53553 | 732 | 53591 | 400 | 80838 | 03 | 1 |
| 409 | 009 | 07041 | 930 | 04012 | 900 | 07041 | 680 | 00990 | 03 | 1 |
| 439 | 005 | 07070 | 894 | 10101 | 607 | 50518 | 576 | 04046 | 03 | 1 |
| 454 | 016 | 09085 | 915 | 07070 | 882 | 09090 | 400 | 67737 | 03 | 1 |
| 485 | 015 | 10097 | 918 | 08084 | 844 | 09090 | 776 | 06067 | 05 | 1 |
| 72 | | | | | | | | | | |
| 202 | 020 | 28223 | 905 | 20182 | 817 | 16111 | 658 | 04539 | 03 | 1 |
| 208 | 021 | 22228 | 816 | 17072 | 794 | 15508 | 656 | 05524 | 04 | 1 |
| 211 | 020 | 25241 | 754 | 09077 | 644 | 03578 | 422 | 67777 | 03 | 1 |
| 219 | 988 | 25211 | 908 | 22154 | 674 | 06517 | 547 | 53562 | 03 | 1 |
| 231 | 018 | 25221 | 400 | 67731 | 268 | 88989 | | | 04 | 1 |
| 240 | 016 | 24832 | 962 | 23213 | 400 | 67708 | 264 | 90943 | 03 | 1 |
| 250 | 013 | 27248 | 926 | 22197 | 873 | 21084 | 594 | 00637 | 03 | 1 |
| 253 | 986 | 28214 | 978 | 28209 | 817 | 17144 | 785 | 17031 | 03 | 1 |
| 259 | 994 | 26201 | 956 | 23207 | 935 | 26162 | 808 | 18071 | 03 | 1 |
| 265 | 928 | 24158 | 891 | 25141 | 400 | 67718 | 261 | 90003 | 05 | 1 |
| 270 | 882 | 23169 | 607 | 01524 | 554 | 51584 | 464 | 61636 | 03 | 1 |
| 278 | 970 | 28204 | 558 | 52552 | 481 | 58624 | 400 | 65719 | 03 | 1 |
| 304 | 021 | 25239 | 975 | 25175 | 911 | 22175 | 799 | 16016 | 03 | 1 |

## RADIOSONDE AND RAWINSONDE DATA
## SIGNIFICANT LEVELS

| Index No. | 1st. 5th. etc. Level | | 2nd. 6th. etc. Level | | 3rd. 7th. etc. Level | | 4th. 8th. etc. Level | | Hour | Code Type |
|---|---|---|---|---|---|---|---|---|---|---|
| iii | PPP | TTTTT ddx | PPP | TTTTT ddx | PPP | TTTTT ddx | PPP | TTTTT ddx | GG | |
| 768 | 400 | 76990 | 325 | 87997 | 238 | 06992 | 210 | 08995 | 03 | 1 |
| 775 | 400 | 75891 | 325 | 88970 | 217 | 10994 | 189 | 04991 | 03 | 1 |
| 785 | 400 | 75781 | 310 | 89926 | 230 | 05997 | 145 | 03998 | 03 | 1 |
| 798 | 661 | 51553 | 624 | 54587 | 566 | 55698 | 400 | 75865 | 03 | 1 |
| 807 | 648 | 03004 | 576 | 58695 | 470 | 66762 | 101 | 54*** | 02 | 1 |
| 815 | 604 | 56653 | 400 | 75994 | | | | | 02 | 1 |
| 816 | 712 | 51535 | 455 | 69815 | 400 | 76994 | 306 | 90990 | 03 | 1 |
| 826 | 790 | 04041 | 758 | 04041 | 667 | 50565 | 643 | 01652 | 03 | 1 |
| 836 | 554 | 67583 | 470 | 64697 | 400 | 71757 | 350 | 77814 | 03 | 1 |
| 867 | 400 | 75084 | 239 | 01999 | 207 | 96997 | 150 | 95996 | 03 | 1 |
| 879 | 400 | 75799 | 212 | 09994 | 205 | 07995 | 101 | 58*** | 03 | 1 |
| 896 | 530 | 65694 | 514 | 65730 | 470 | 69832 | 400 | 78868 | 03 | 1 |
| 906 | 507 | 68785 | 483 | 70746 | 446 | 78812 | 400 | 79990 | 03 | 1 |
| 907 | 712 | 52531 | 698 | 55582 | 659 | 53701 | 596 | 56676 | 03 | 1 |
| 909 | 400 | 80884 | 336 | 90990 | 236 | 02994 | 170 | 97992 | 03 | 1 |
| 913 | 587 | 63666 | 541 | 68728 | 524 | 68747 | 481 | 72803 | 03 | 1 |
| 915 | | | | | | | | | | |
| 917 | 400 | 83993 | 350 | 89995 | 314 | 92995 | 175 | 88994 | 03 | 1 |
| 918 | 740 | 57610 | 552 | 70833 | 400 | 76995 | 050 | 93994 | 03 | 1 |
| 924 | 322 | 93992 | 089 | 93999 | | | | | 03 | 1 |
| 926 | | | | | | | | | | |
| 934 | 540 | 64878 | 514 | 66758 | 471 | 71779 | 440 | 74858 | 03 | 1 |
| 938 | 754 | 00612 | 722 | 50606 | 421 | 57862 | | | 02 | 1 |
| 945 | 400 | 81894 | 362 | 87957 | 310 | 94999 | 303 | 93994 | 03 | 1 |
| 964 | | | | | | | | | | |
| 968 | 756 | 00555 | 742 | 00596 | 400 | 78907 | 254 | 00993 | 02 | 1 |
| 74 | | | | | | | | | | |
| 043 | 594 | 59990 | 400 | 81992 | 238 | 07990 | 132 | 94992 | 03 | 1 |
| 072 | 512 | 67704 | 495 | 66704 | 400 | 77892 | 317 | 90990 | 03 | 1 |
| 074 | 756 | 52636 | 736 | 51674 | 704 | 58706 | 474 | 68788 | 03 | 1 |
| 090 | 776 | 01604 | 465 | 74853 | 400 | 81998 | 230 | 05991 | 03 | 1 |
| 109 | 653 | 52601 | 640 | 52677 | | 54635 | 431 | 70794 | 03 | 1 |
| 188 | 578 | 56695 | 496 | 64814 | 400 | 76994 | 310 | 90990 | 03 | 1 |
| 76 | | | | | | | | | | |
| 458 | 620 | 03507 | 613 | 61696 | 400 | 67759 | 268 | 89926 | 04 | 1 |
| 491 | | | | | | | | | | |
| 644 | 595 | 01542 | 534 | 54574 | 484 | 58672 | 432 | 63699 | 03 | 1 |
| 679 | | 56696 | 400 | 68746 | 376 | 71744 | 273 | 89923 | 03 | 1 |
| 78 | | | | | | | | | | |
| 016 | 476 | 63999 | 101 | 55 | | | | | 03 | 1 |
| 325 | | | | | | | | | | |
| 501 | 622 | 01629 | 101 | 51 | | | | | 03 | 1 |
| 525 | | | | | | | | | | |
| 741 | 400 | 67711 | 328 | 78859 | 263 | 90960 | 145 | 20990 | 03 | 1 |
| 967 | 400 | 69990 | 220 | 99991 | | | | | 03 | 1 |
| 972 | 681 | 04605 | 607 | 52628 | 400 | 69991 | 277 | 90990 | 03 | 1 |
| 91 | | | | | | | | | | |
| 115 | 728 | | 645 | 06027 | 623 | 05515 | 430 | 62683 | 03 | 1 |
| 182 | 720 | 11614 | 611 | 06991 | 482 | 58755 | 400 | 70832 | 03 | 1 |
| 245 | 553 | 51589 | 542 | 52639 | 530 | 53618 | 438 | 63781 | 03 | 1 |
| 275 | 820 | 17031 | 795 | 17502 | 720 | 11633 | 702 | 09996 | 03 | 1 |
| 366 | 689 | 12016 | 589 | 03658 | 569 | 03654 | 400 | 64794 | 03 | 1 |
| 413 | | | | | | | | | | |
| 98 | | | | | | | | | | |
| 327 | 731 | 10210 | 641 | 02516 | 463 | 58671 | 428 | 62673 | 03 | 1 |
| 645 | 654 | 05018 | 586 | 02546 | 430 | 61737 | 348 | 72810 | 03 | 8 |
| QLL | | OCEAN | STA | | | | | | | |
| 034 | 414 | 69741 | 295 | 89952 | 223 | 05995 | 168 | 15992 | 03 | 9 |
| 035 | 720 | 08639 | 400 | 69998 | 274 | 89996 | 148 | 20998 | 03 | 9 |
| 041 | 884 | 11108 | 780 | 08024 | 730 | 08508 | 704 | 05511 | 02 | 8 |
| 044 | 158 | 09995 | 111 | 08998 | | | | | 03 | 9 |
| 051 | | | | | | | | | | |
| 053 | 521 | 64671 | 508 | 63687 | 400 | 76801 | 318 | 90941 | 03 | 9 |
| 055 | 658 | 54584 | 485 | 70734 | 457 | 71804 | 400 | 80852 | 03 | 9 |
| 062 | | | | | | | | | | |
| 063 | 835 | 03523 | 809 | 03652 | 747 | 50593 | 625 | 58725 | 03 | 9 |
| 134 | 677 | 03577 | 665 | 03994 | 650 | 05671 | 400 | 68998 | 03 | 9 |
| 144 | 683 | 02609 | 598 | 52627 | 523 | 58733 | 400 | 71781 | 03 | 9 |
| 215 | 582 | 01995 | 553 | 01995 | 478 | 57990 | 460 | 58775 | 03 | 9 |
| 223 | 606 | 07 | 541 | 04 | 447 | 55*** | 332 | 68*** | 02 | 1 |
| 235 | 133 | 10 | 064 | 08 | 053 | 09*** | | | 03 | 1 |
| 246 | 522 | 53582 | | | | | 101 | 51*** | 03 | 9 |
| 360 | 400 | 78889 | 220 | 11 | 186 | 04*** | | | 03 | 5 |
| 01 | | | | | | | | | | |
| 001 | 688 | 53539 | 675 | 59599 | 612 | 59599 | 549 | 67701 | 03 | 8 |
| 030 | 400 | 83902 | 266 | 98 5 | 241 | 04**0 | 230 | 04**1 | 03 | 8 |
| 384 | 902 | 15057 | 744 | 50571 | 706 | 52589 | 690 | 52593 | 03 | 5 |
| 415 | 877 | 13020 | 719 | 53584 | 681 | 51606 | 536 | 65774 | 03 | 8 |
| 02 | | | | | | | | | | |
| 057 | 747 | 50581 | 498 | 69773 | 469 | 70794 | 213 | 09997 | 03 | 8 |
| 077 | 475 | 67767 | | | | | | | 03 | 5 |
| 084 | 300 | 96991 | | | | | | | 03 | 8 |
| 03 | | | | | | | | | | |
| 005 | 670 | 28120 | 533 | 16010 | 195 | 19**0 | 184 | 33**0 | 02 | 2 |
| 026 | | | | | | | | | | |
| 171 | 240 | 35 0 | | | | | | | 02 | 7 |
| 476 | | | | | | | | | | |
| 743 | 483 | 09900 | 290 | 55 0 | 266 | 51**0 | 216 | 30**0 | 02 | 2 |
| 808 | | | | | | | | | | |
| 917 | | | | | | | | | | |
| 953 | 832 | 34 0 | 203 | 27 0 | 168 | 38**0 | 122 | 31**0 | 03 | 7 |
| 04 | | | | | | | | | | |
| 018 | 400 | 86895 | 376 | 90923 | 327 | 94006 | 272 | 90953 | 03 | 1 |
| 202 | 400 | 82875 | 349 | 88922 | 247 | 04996 | 214 | 95994 | 03 | 1 |
| 231 | 590 | 59711 | 563 | 61692 | 400 | 79907 | 332 | 90990 | 09 | 1 |
| 270 | | | | | | | | | | |
| 339 | 444 | 71305 | 300 | 75999 | 298 | 90999 | 224 | 00999 | 03 | 1 |
| 360 | 801 | 51560 | 766 | 51580 | | | | | 03 | 1 |
| 06 | | | | | | | | | | |
| 011 | 742 | 00528 | 243 | 05999 | 035 | 92999 | | | 03 | 8 |
| 260 | 825 | 09022 | 770 | 05050 | 675 | 00502 | 557 | 58676 | 03 | 8 |
| 447 | 680 | 00530 | 495 | 65721 | 480 | 65752 | 470 | 66804 | 03 | 8 |
| 610 | 704 | 50586 | 687 | 50586 | 638 | 52594 | 531 | 62677 | 05 | 5 |
| 07 | | | | | | | | | | |
| 110 | 860 | 14032 | 818 | 10027 | 750 | 04506 | 713 | 02534 | 02 | 5 |
| 145 | 897 | 18134 | 863 | 14107 | 770 | 07061 | | | 02 | 8 |
| 190 | 733 | 01005 | 674 | 51604 | 642 | 51636 | 550 | 61653 | 02 | 8 |
| 480 | 593 | 56699 | 405 | 16899 | 336 | 82945 | 300 | 87986 | 02 | 8 |
| 510 | 800 | 08021 | 765 | 04514 | 612 | 53642 | 565 | 57674 | 02 | 5 |
| 645 | 832 | 14512 | 813 | 12516 | 765 | 08544 | 741 | 04562 | 02 | 8 |
| 08 | | | | | | | | | | |
| 509 | 740 | 02561 | 724 | 05582 | 686 | 05622 | 620 | 01996 | 03 | 1 |
| 521 | 882 | 21088 | 764 | 14505 | 750 | 15573 | 564 | 50689 | 14 | 8 |
| 536 | 757 | 16009 | 602 | 05664 | 400 | 69997 | 316 | 83995 | 14 | 8 |
| 10 | | | | | | | | | | |
| 034 | 645 | 23020 | 608 | 20970 | 379 | 68470 | 282 | 40**0 | 02 | 2 |
| 384 | 667 | 55675 | 637 | 56770 | 400 | 80995 | 338 | 90990 | 03 | 5 |
| 419 | 689 | 30180 | 622 | 20070 | 442 | 91650 | 222 | 35**0 | 02 | 7 |
| 633 | 530 | 62752 | 400 | 75993 | 311 | 90990 | 240 | 02997 | 03 | 5 |
| 672 | 770 | 02014 | 680 | 54551 | 640 | 58585 | 600 | 59621 | 03 | 8 |
| 866 | 667 | 53531 | 643 | 55555 | 634 | 55555 | 468 | 10725 | 03 | 5 |
| 11 | | | | | | | | | | |
| 030 | 685 | 53618 | 667 | 53627 | 625 | 56737 | 602 | 57**1 | 03 | 5 |
| 567 | 243 | 03996 | 195 | 02994 | 160 | 99998 | | | 05 | 5 |
| 42 | | | | | | | | | | |
| 182 | | | | | | | | | | |
| 339 | 710 | 1306 | 690 | 1404 | 535 | 5456* | 486 | 5476* | 15 | 8 |
| 475 | | | | | | | | | | |
| 867 | | | | | | | | | | |
| 909 | 524 | 55 | 455 | 57 | 290 | 78*** | 210 | 94*** | 14 | 8 |
| 43 | | | | | | | | | | |
| 063 | | | | | | | | | | |
| 149 | | | | | | | | | | |
| 279 | | | | | | | | | | |
| 371 | | | | | | | | | | |
| 45 | | | | | | | | | | |
| 007 | 750 | 13090 | 650 | 07530 | 600 | 02560 | 550 | 51**0 | 22 | 8 |
| 47 | | | | | | | | | | |
| 580 | 686 | 08541 | 656 | 06057 | 614 | 04026 | 456 | 56605 | 03 | 1 |
| 635 | 267 | 90990 | 182 | 11998 | 138 | 25997 | 110 | 28997 | 04 | 1 |
| 671 | 525 | 00716 | 465 | 53998 | 412 | 61993 | 400 | 62992 | 03 | 1 |
| 808 | 637 | 08548 | 560 | 03531 | 400 | 59763 | 284 | 77892 | 03 | 1 |
| 931 | | | | | | | | | | |
| 60 | | | | | | | | | | |
| 715 | 815 | 17561 | 738 | | | | | | 02 | 8 |
| 61 | | | | | | | | | | |
| 642 | 815 | 18082 | 634 | 02605 | 605 | 01571 | 542 | 53579 | 07 | 5 |
| 62 | | | | | | | | | | |
| 366 | 760 | 17 1 | 536 | 50 4 | 520 | 50**1 | 400 | 64**4 | 03 | 5 |
| 70 | | | | | | | | | | |
| 026 | 883 | 10596 | 862 | 10033 | 766 | 04511 | 752 | 03662 | 03 | 1 |
| 133 | 400 | 79822 | 315 | 90942 | 240 | 04993 | 025 | 89996 | 03 | 1 |
| 200 | 369 | 88925 | 332 | 94997 | 288 | 97990 | 166 | 93990 | 03 | 1 |
| 204 | 345 | 90941 | 269 | 98999 | 265 | 98993 | | | 03 | 1 |
| 219 | 772 | 00504 | 605 | 59715 | 564 | 63717 | 522 | 67815 | 03 | 1 |
| 231 | 587 | 59756 | 554 | 61795 | 400 | 79877 | 338 | 90970 | 03 | 1 |
| 261 | 593 | 58636 | 553 | 61732 | 539 | 63708 | 400 | 79865 | 03 | 1 |
| 273 | 670 | 52621 | 662 | 52702 | 620 | 55606 | 566 | 59743 | 03 | 1 |
| 350 | 735 | 04529 | 689 | 00595 | 634 | 52768 | 550 | 60704 | 03 | 1 |
| 361 | 733 | 02659 | 699 | 00661 | 644 | 54624 | 612 | 56684 | 03 | 1 |
| 381 | 670 | 50664 | 604 | 56664 | 406 | 80907 | | | 03 | 1 |
| 398 | 340 | 90922 | 274 | 01990 | 085 | 98991 | | | 03 | 1 |
| 409 | 490 | 58614 | 400 | 69990 | 255 | 90990 | 200 | 04990 | 03 | 1 |
| 439 | 437 | 56625 | 400 | 61694 | 200 | 73931 | 101 | 55*** | 03 | 1 |
| 454 | 304 | 80987 | 101 | 58 | | | | | 03 | 1 |
| 485 | 101 | 58 | | | | | | | 05 | 1 |
| 72 | | | | | | | | | | |
| 202 | 583 | 51554 | 485 | 59754 | 418 | 68731 | 400 | 70756 | 03 | 1 |
| 208 | 608 | 02641 | 454 | 62782 | 400 | 67996 | 110 | 22994 | 04 | 1 |
| 211 | 400 | 71781 | 364 | 75782 | 276 | 89939 | 132 | 20990 | 03 | 1 |
| 219 | 400 | 68882 | 262 | 89006 | 161 | 13993 | 096 | 23994 | 03 | 1 |
| 231 | | | | | | | | | | |
| 240 | 148 | 18990 | 122 | 18998 | | | | | 03 | 1 |
| 250 | 580 | 50591 | 573 | 51662 | 556 | 50684 | 400 | 67992 | 03 | 1 |
| 253 | 627 | 04582 | 608 | 01544 | 522 | 54712 | 400 | 68998 | 03 | 1 |
| 259 | 740 | 11089 | 556 | 52522 | 492 | 58595 | 469 | 58635 | 03 | 1 |
| 265 | 153 | 16995 | 128 | 20995 | 078 | 14994 | | | 05 | 1 |
| 270 | 400 | 67762 | 270 | 89924 | 150 | 16999 | 078 | 22990 | 03 | 1 |
| 278 | 275 | 86969 | | | | | | | 03 | 1 |
| 304 | 637 | 05552 | 508 | 55736 | 400 | 67996 | 270 | 87997 | 03 | 1 |

## JULY 23

# RADIOSONDE AND RAWINSONDE DATA

| Index No. III | Station Name | 1000 mb. hhh | 1000 mb. TTTTT ddx | 1000 mb. dd | 1000 mb. ff | 850 mb. hhh | 850 mb. TTTTT ddx | 850 mb. dd | 850 mb. ff | 700 mb. hhh | 700 mb. TTTTT ddx | 700 mb. dd | 700 mb. ff | 500 mb. hhh | 500 mb. TTTTT ddx | 500 mb. dd | 500 mb. ff | Hour GG | Code Type |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 317 | GREENSBORO | 062 | | | | 529 | 19148 | 25 | 15 | 068 | 09024 | 27 | 11 | 958 | 56698 | 21 | 10 | 03 | 1 |
| 327 | NASHVILLE | 058 | | | | 525 | 18127 | 19 | 17 | 062 | 08502 | 19 | 10 | 947 | 56667 | 14 | 17 | 03 | 1 |
| 340 | LITTLE ROCK | 054 | 21205 | 15 | 13 | 513 | 15043 | | | 045 | 07004 | | | 935 | 57661 | | | 03 | 1 |
| 353 | OKLAHOMA CITY | 038 | | | | 509 | 21142 | 13 | 14 | 050 | 09057 | 13 | 10 | 939 | 56726 | 07 | 18 | 03 | 1 |
| 365 | ALBUQUERQUE | 023 | | | | 497 | | | | 041 | 11071 | 15 | 17 | 932 | 56718 | 10 | 8 | 03 | 1 |
| 386 | LAS VEGAS | 004 | | | | 488 | 28990 | 22 | 17 | 035 | 12994 | 23 | 12 | 927 | 56990 | 25 | 6 | 03 | 1 |
| 394 | SANTA MARIA | 037 | 13106 | 28 | 8 | 492 | 20507 | 22 | 4 | 033 | 10999 | 27 | 3 | 926 | 56993 | 25 | 11 | 03 | 1 |
| 405 | WASHINGTON | 049 | 28238 | 24 | 13 | 518 | 19147 | 27 | 19 | 058 | 10009 | 28 | 20 | 950 | 55699 | 27 | 25 | 03 | 1 |
| 445 | COLUMBIA | 053 | | | | 518 | 19151 | 18 | 17 | 057 | 09041 | 18 | 6 | 945 | 56604 | 35 | 3 | 03 | 1 |
| 451 | DODGE CITY | 038 | | | | 508 | 23157 | 16 | 24 | 052 | 10045 | 19 | 9 | 941 | 55997 | 24 | 4 | 03 | 1 |
| 476 | GRAND JUNC | 008 | | | | 487 | 26073 | 11 | 9 | 037 | 15022 | 18 | 7 | 934 | 57619 | 27 | 14 | 03 | 1 |
| 486 | ELY | 004 | | | | 477 | | | | 025 | 13604 | 21 | 18 | 913 | 60754 | | | 04 | 1 |
| 493 | OAKLAND | 035 | 13109 | 28 | 11 | 498 | 20567 | 30 | 10 | 031 | 10551 | 23 | 6 | 917 | 56998 | 24 | 21 | 03 | 1 |
| 506 | NANTUCKET | 028 | 23268 | 27 | 16 | 492 | 20131 | 28 | 27 | 034 | 10520 | 29 | 33 | 929 | 54681 | 29 | 41 | 03 | 1 |
| 518 | ALBANY | 034 | 24147 | 28 | 13 | 495 | 15083 | 30 | 45 | 029 | 09998 | | | *** | ***** | | | 03 | 1 |
| 520 | PITTSBURGH | 051 | | | | 517 | 17157 | 28 | 28 | 054 | 09023 | | | 945 | 57611 | | | 03 | 1 |
| 528 | BUFFALO | 046 | | | | 505 | 13083 | 28 | 22 | 034 | 08997 | 29 | 17 | 919 | 56997 | | | 03 | 1 |
| 534 | CHICAGO | 057 | 20175 | 02 | 3 | 516 | 17995 | 25 | 6 | 052 | 09994 | 27 | 12 | 941 | 56996 | 29 | 27 | 03 | 1 |
| 536 | TOLEDO | 053 | | | | 514 | 15535 | 27 | 16 | 050 | 09993 | 28 | 22 | 938 | 55738 | | | 03 | 1 |
| 553 | OMAHA | 050 | | | | 514 | 18567 | 16 | 26 | 052 | 10626 | 14 | 10 | 936 | 57609 | 28 | 13 | 03 | 1 |
| 562 | N PLATTE | 032 | | | | 503 | 21149 | 17 | 30 | 044 | 10029 | 16 | 11 | 935 | 56994 | 27 | 11 | 03 | 1 |
| 576 | LANDER | 504 | | | | 477 | | | | 030 | 15517 | 22 | 15 | 926 | 58648 | 23 | 15 | 03 | 1 |
| 597 | MEDFORD | 025 | | | | 490 | 17082 | 30 | 12 | 022 | 06522 | 33 | 17 | 898 | 60725 | 24 | 25 | 03 | 1 |
| 600 | SABLE ISLAND | 030 | 15138 | | | 482 | 15529 | | | 016 | 08581 | | | 901 | 55698 | | | 03 | 1 |
| 606 | PORTLAND | 021 | 19188 | 24 | 7 | 484 | 17103 | 30 | 31 | 022 | 10993 | 28 | 32 | 910 | 57999 | | | 03 | 1 |
| 655 | ST CLOUD | 052 | | | | 511 | 16022 | 23 | 12 | 044 | 07531 | 25 | 24 | 922 | 61771 | 27 | 36 | 03 | 1 |
| 662 | RAPID CITY | 003 | | | | 481 | 25118 | 19 | 33 | 032 | 13538 | 21 | 15 | 923 | 60646 | 28 | 35 | 03 | 1 |
| 681 | BOISE | 007 | | | | 478 | 23033 | 34 | 14 | 020 | 09511 | 27 | 14 | 903 | 59703 | 24 | 33 | 03 | 1 |
| 712 | CARIBOU | 007 | | | | 465 | 15075 | 28 | 22 | 996 | 05655 | 28 | 39 | 873 | 60991 | 26 | 55 | 03 | 1 |
| 734 | SAULT MARIE | 056 | | | | 499 | 05027 | 33 | 19 | 024 | 06990 | 31 | 24 | 903 | 59994 | 28 | 39 | 03 | 1 |
| 747 | INTL FALLS | 049 | | | | 503 | 10046 | 22 | 10 | 027 | 05656 | 29 | 31 | 900 | 62785 | 28 | 38 | 03 | 1 |
| 764 | BISMARCK | 015 | | | | 486 | 24078 | 19 | 37 | 030 | 11592 | 24 | 30 | 911 | 62692 | 28 | 38 | 03 | 1 |
| 768 | GLASGOW | 010 | | | | 480 | 21002 | 34 | 3 | 017 | 08541 | 27 | 24 | 896 | 62690 | 26 | 53 | 03 | 1 |
| 775 | GREAT FALLS | 502 | | | | 473 | 24025 | 05 | 9 | 016 | 09527 | 30 | 5 | 895 | 61648 | | | 03 | 1 |
| 785 | SPOKANE | 018 | | | | 481 | 15008 | 21 | 10 | 007 | 02539 | 22 | 19 | 877 | 62669 | 24 | 31 | 03 | 1 |
| 798 | TATOOSH IS | 030 | 11102 | 12 | 7 | 470 | 05046 | 18 | 17 | 986 | 50525 | 2[illegible] | 22 | *** | ***** | | | 04 | 1 |
| 807 | ARGENTIA | 022 | 15122 | | | 472 | 07052 | | | 986 | 03992 | | | 863 | 60990 | | | 02 | 1 |
| 815 | STEPHENVILLE | 024 | 11092 | 00 | | 468 | 07006 | 19 | 2 | 988 | 02579 | 28 | 17 | 858 | 61644 | 27 | 33 | 03 | 1 |
| 816 | GOOSE | 015 | 13114 | 04 | 4 | 463 | 09548 | 19 | 6 | 983 | 00993 | 26 | 9 | 944 | 62709 | 27 | 19 | 03 | 1 |
| 826 | NITCHEQUON | 502 | | | | 426 | 08071 | | | 942 | 50519 | | | 802 | 65696 | | | 03 | 1 |
| 836 | MOOSONEE | 034 | 11091 | | | 469 | 02501 | | | 980 | 54592 | | | 832 | 63757 | | | 03 | 1 |
| 867 | THE PAS | 016 | | | | 469 | 14028 | | | 998 | 01549 | | | 861 | 64683 | | | 03 | 1 |
| 879 | EDMONTON | 018 | | | | 474 | 11039 | 21 | 5 | 994 | 50557 | 33 | 5 | 848 | 69794 | 25 | 16 | 03 | 1 |
| 896 | PRINCE GEORG | 021 | | | | 473 | 09044 | 04 | 9 | 991 | 50528 | 18 | 13 | 848 | 66701 | 20 | 15 | 09 | 1 |
| 906 | FT CHIMO | 016 | | | | 438 | 08019 | | | 954 | 01535 | | | 811 | 65665 | | | 03 | 1 |
| 907 | PORT HARRISN | 501 | | | | 437 | 03012 | | | 939 | 54565 | | | 794 | 66734 | | | 03 | 1 |
| 909 | UP FROBISHER | 012 | 07025 | 22 | 4 | 455 | 07527 | 17 | 10 | 969 | 54511 | 12 | 12 | 815 | 69856 | 18 | 10 | 03 | 1 |
| 913 | CHURCHILL | 028 | 14083 | | | 464 | 04013 | 27 | 7 | 981 | 54644 | 30 | 19 | 827 | 68999 | 32 | 29 | 03 | 1 |
| 915 | CORAL HARBOR | 015 | | | | 453 | 02002 | | | 959 | 57572 | | | 798 | 71738 | | | 03 | 1 |
| 917 | EUREKA | 039 | 08511 | 02 | 8 | 470 | 54582 | 07 | 6 | 964 | 60679 | 07 | 14 | 799 | 72994 | 06 | 30 | 03 | 1 |
| 918 | ARCTIC BAY | 019 | 02009 | | | 453 | 50516 | | | 953 | 58595 | | | 781 | 76796 | | | 03 | 1 |
| 924 | RESOLUTE | 022 | 02017 | 09 | 2 | 448 | 53554 | 07 | 21 | 944 | 62642 | 09 | 17 | 770 | 74808 | 13 | 12 | 03 | 1 |
| 926 | BAKER LAKE | 101 | 59 | | | | | | | *** | ***** | | | *** | ***** | | | 03 | 1 |
| 934 | FT SMITH | 015 | | | | 463 | 08032 | | | 980 | 51539 | | | 832 | 68770 | | | 02 | 1 |
| 938 | COPPERMINE | | 05 4 | | | 453 | 52567 | | | 953 | 54678 | | | 804 | 65740 | | | 03 | 1 |
| 945 | FORT NELSON | 032 | | | | 476 | 04006 | | | 990 | 54582 | | | 837 | 69814 | | | 03 | 1 |
| 964 | WHITEHORSE | 032 | | | | 484 | 09049 | 18 | 3 | 005 | 51544 | 28 | 11 | 857 | 68714 | 32 | 10 | 03 | 1 |
| 968 | AKLAVIK | 050 | 11031 | | | 489 | 05534 | | | 003 | 51583 | | | 858 | 67742 | | | 03 | 1 |
| | BLOCK 74 | | | | | | | | | | | | | | | | | | |
| 043 | NORMAN WELLS | 040 | 70047 | | | 490 | 07518 | | | 008 | 53719 | | | 859 | 67797 | | | 03 | 1 |
| 072 | MOULD BAY | 042 | 01008 | | | 467 | 01515 | | | 876 | 52584 | | | 825 | 68788 | | | 03 | 1 |
| 074 | ISACHSEN | 040 | 00505 | | | 465 | 00600 | | | 971 | 56731 | | | 814 | 69757 | | | 03 | 1 |
| 090 | CLYDE RIVER | 019 | 07034 | 00 | | 458 | 04531 | 17 | 6 | 968 | 56623 | 16 | 13 | *** | ***** | | | 03 | 1 |
| 109 | PORT HARDY | 022 | 13124 | | | 465 | 05036 | | | 978 | 51528 | | | *** | ***** | | | 03 | 1 |
| 188 | MINGAN L PT | | | | | 449 | 08058 | 22 | 13 | 966 | 50552 | 07 | 21 | 826 | 64726 | 22 | 36 | 09 | 1 |
| | BLOCK 76 | | | | | | | | | | | | | | | | | | |
| 458 | MAZATLAN | 031 | 29234 | | | 500 | 21152 | | | 042 | 10047 | | | 935 | 55639 | | | 03 | 1 |
| 491 | C VICTORIA | 022 | | | | 493 | 19225 | | | 030 | 07017 | | | 091 | 57994 | | | 02 | 1 |
| 644 | MERIDA | 040 | 23214 | | | 501 | 16116 | | | 039 | 10042 | | | 932 | 55589 | | | 03 | 1 |
| 679 | TACUBAYA | 085 | | | | 497 | | | | 041 | 10053 | | | 934 | 56585 | | | 03 | 1 |
| | BLOCK 78 | | | | | | | | | | | | | | | | | | |
| 016 | KINDLEY FLD | 067 | 26200 | 28 | 4 | 531 | 18090 | 31 | 3 | 000 | 08667 | 33 | 2 | *** | ***** | | | 03 | 1 |
| 325 | HAVANA C B | 053 | 25203 | 15 | 5 | 520 | 19132 | 13 | 4 | 058 | 10031 | 16 | 15 | *** | ***** | | | 03 | 1 |
| 367 | GUANTANAMO | 049 | 26215 | | | 515 | 17125 | | | 049 | 09077 | | | 935 | 57992 | | | 03 | 1 |
| 395 | VERNAM FIELD | 044 | 25224 | 12 | 5 | 508 | 17098 | 09 | 53 | 046 | 09627 | 11 | 25 | 932 | 58992 | 10 | 20 | 03 | 1 |
| 501 | SWAN ISLAND | 044 | 26238 | | | 511 | 19123 | | | 051 | 10045 | | | 946 | 56663 | | | 03 | 1 |
| 525 | SAN JUAN | 057 | 25219 | 08 | 21 | 521 | 16116 | 08 | 24 | 058 | 09568 | 08 | 34 | *** | ***** | | | 03 | 1 |
| 741 | MANAGUA | 036 | 24208 | 07 | 8 | 501 | | 07 | 26 | 038 | 09509 | 09 | 36 | 927 | **636 | | | 04 | 1 |
| 806 | ALBROOK FLD | 031 | 24232 | 13 | 4 | 493 | 16131 | 06 | 9 | 028 | 07006 | 09 | 29 | 908 | 59999 | 09 | 22 | 03 | 1 |
| 972 | WALLER FIELD | 042 | 22217 | 04 | 6 | 505 | 17123 | 04 | 16 | 041 | 08522 | 07 | 17 | 928 | 57992 | 09 | 24 | 03 | 1 |
| | BLOCK 91 | | | | | | | | | | | | | | | | | | |
| 066 | MIDWAY ISL | 058 | 24227 | 10 | 13 | 523 | 14114 | | | 052 | 04524 | 14 | 4 | 924 | 60552 | 27 | 17 | 03 | 1 |
| 115 | IWO JIMA | 531 | | | | 497 | 16098 | 11 | 17 | 034 | 09548 | 06 | 15 | 922 | 55996 | 07 | 16 | 03 | 1 |
| 182 | HONOLULU | 047 | 23158 | 05 | 13 | 505 | 13093 | 08 | 11 | 039 | 11991 | 14 | 7 | 935 | 56994 | 26 | 6 | 03 | 1 |
| 215 | HARMON FLD | 021 | 26229 | 21 | 13 | 495 | 17999 | 24 | 24 | 027 | 08990 | 24 | 27 | 976 | 56998 | 27 | 16 | 04 | 1 |
| 334 | TRUK | 101 | 59 | | | | | | | *** | ***** | | | *** | ***** | | | 03 | 1 |
| 366 | KWAJALEIN | 024 | 30246 | 07 | 10 | 493 | 19120 | 09 | 17 | 038 | 13509 | 07 | 17 | 943 | 50678 | 10 | 20 | 03 | 1 |
| 413 | YAP | 101 | 59 | | | | | | | *** | ***** | | | *** | ***** | | | 03 | 1 |
| | BLOCK 98 | | | | | | | | | | | | | | | | | | |
| 645 | CEBU | 026 | 29244 | | | 499 | 19152 | | | 034 | 11042 | | | 930 | 55611 | | | 03 | 8 |
| QLL | OCEAN STA | | | | | | | | | | | | | | | | | | |
| 034 | 0 355 400 | 064 | 23191 | 29 | 8 | 526 | 18010 | 26 | 9 | 061 | 09994 | 26 | 10 | 946 | 59998 | 27 | 28 | 03 | 9 |
| 035 | 0 340 520 | 065 | 26221 | 23 | 11 | 529 | 16139 | 24 | 13 | 064 | 07006 | 24 | 14 | 945 | 58718 | 30 | 26 | 03 | 9 |
| 041 | 0 453 148 | | 17150 | | | 560 | 12092 | | | 150 | 03012 | | | 804 | 62720 | | | 02 | 8 |
| 044 | 0 450 450 | 028 | 14120 | 24 | 17 | 473 | 09050 | 27 | 23 | 992 | 02603 | 28 | 39 | 862 | 62998 | 27 | 30 | 03 | 9 |
| 051 | 0 538 187 | 066 | 55480 | | | 497 | 47380 | 24 | 14 | 020 | 38300 | 26 | 23 | *** | ***** | | | 02 | 2 |
| 053 | 0 527 355 | 506 | | | | 442 | 12091 | 21 | 35 | 967 | 03615 | 20 | 44 | 842 | 60995 | 21 | 57 | 03 | 9 |
| 055 | 0 565 510 | 021 | 06056 | 02 | 16 | 453 | 05012 | 02 | 21 | 959 | 55586 | 04 | 22 | 808 | 67757 | 04 | 6 | 03 | 9 |
| 062 | 0 600 200 | 020 | 51470 | 23 | 27 | | | | | *** | ***** | | | 807 | 95640 | 26 | 60 | 02 | 2 |
| 063 | 0 620 330 | 018 | 08085 | | | 455 | 04024 | | | 968 | 52681 | 18 | 3 | 816 | 70862 | 07 | 3 | 03 | 9 |
| 134 | 1 300 400 | 067 | 18164 | 06 | 16 | 517 | 08022 | 07 | 11 | 045 | 07622 | 02 | 10 | 928 | 59993 | 31 | 18 | 03 | 9 |
| 144 | 1 490 480 | 073 | 09036 | 31 | 17 | 521 | 12067 | 32 | 35 | 050 | 05511 | 31 | 34 | 926 | 61671 | 33 | 51 | 03 | 9 |
| 223 | 2 290 350 | 030 | 26 | | | 490 | 19 | | | 032 | 12*** | | | 931 | 52*** | | | 02 | 1 |
| 235 | 2 385 525 | 039 | 21 | | | 493 | 15 | | | 029 | 07*** | | | 917 | 54*** | | | 03 | 1 |
| 246 | 2 440 650 | 042 | 15141 | 22 | 22 | 495 | 13112 | 24 | 28 | 021 | 05032 | | | 890 | 63654 | | | 03 | 9 |
| 360 | 3 660 020 | 167 | 09084 | 15 | 22 | 500 | 05004 | 15 | 20 | 078 | 51553 | 24 | 15 | 685 | 65711 | 25 | 22 | 03 | 5 |

## JULY 24

| Index No. III | Station Name | 1000 mb. hhh | 1000 mb. TTTTT ddx | 1000 mb. dd | 1000 mb. ff | 850 mb. hhh | 850 mb. TTTTT ddx | 850 mb. dd | 850 mb. ff | 700 mb. hhh | 700 mb. TTTTT ddx | 700 mb. dd | 700 mb. ff | 500 mb. hhh | 500 mb. TTTTT ddx | 500 mb. dd | 500 mb. ff | Hour GG | Code Type |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | BLOCK 01 | | | | | | | | | | | | | | | | | | |
| 001 | JAN MAYEN | 102 | 08061 | | | 420 | 04041 | | | 991 | 52529 | | | 586 | 67675 | | | 03 | 8 |
| 030 | TROMSO | 149 | 05006 | | | 460 | 51561 | | | 988 | 57662 | | | 544 | 71799 | | | 03 | 8 |
| 384 | GARDERMOEN | 134 | 99999 | | | 508 | 12507 | 35 | 7 | 110 | 51579 | 33 | 11 | 737 | 65754 | | | 03 | 5 |
| 415 | SOLA | 176 | 11106 | | | 530 | 08088 | | | 115 | 50551 | | | 746 | 64721 | | | 03 | 8 |
| | BLOCK 02 | | | | | | | | | | | | | | | | | | |
| 057 | LULEA KALLAS | 133 | 11052 | | | 480 | 01554 | | | 010 | 53597 | | | 588 | 68712 | | | 03 | 8 |
| 077 | STOCKHOLM | 136 | 14085 | 30 | 3 | 510 | 08508 | 36 | 16 | 080 | 51584 | 03 | 9 | 696 | 65757 | 04 | 6 | 03 | 5 |
| 084 | GOTEBORG | 145 | 16131 | | | 524 | 10527 | | | 100 | 51607 | | | 715 | 66783 | | | 03 | 8 |
| 974 | HELSINKI MAL | 102 | 14073 | | | 470 | 08002 | | | 043 | 51601 | | | 665 | 64731 | | | 03 | 2 |
| | BLOCK 03 | | | | | | | | | | | | | | | | | | |
| 005 | LERWICK | 052 | 53510 | 25 | 18 | 491 | 38350 | 27 | 18 | 003 | 29260 | 24 | 21 | 861 | 05890 | 25 | 43 | 02 | 2 |
| 026 | STORNOWAY | 061 | 55490 | | | 501 | 42380 | 27 | 11 | 019 | 34280 | 25 | 33 | 885 | 12080 | 27 | 40 | 02 | 2 |
| 171 | LEUCHARS | 060 | 55530 | | | 503 | 44440 | | | 026 | 36330 | | | 890 | 10030 | | | 02 | 7 |
| 322 | FAZAKERLEY | 061 | 62520 | 33 | 6 | 506 | 48430 | 29 | 6 | 030 | 39230 | 31 | 8 | 901 | 14000 | 32 | 15 | 08 | 2 |
| 476 | DOWNHAM MKT | 057 | 64500 | 12 | 2 | 508 | 53460 | 36 | 4 | 030 | 37130 | 33 | 6 | 900 | 08990 | 35 | 11 | 08 | 2 |
| 743 | LARKHILL | 055 | 62590 | | | 508 | 55480 | 34 | 2 | 035 | 39280 | 31 | 8 | 907 | 11950 | 33 | 18 | 02 | 2 |
| 808 | CAMBORNE | 059 | 61600 | 01 | 9 | 500 | 58170 | 03 | 5 | 039 | 40270 | 25 | 6 | 915 | 13780 | 33 | 16 | 02 | 2 |
| 917 | ALDERGROVE | 062 | 52430 | 27 | 5 | 506 | 50310 | 28 | 7 | 030 | 38230 | 29 | 14 | 890 | 12950 | 31 | 19 | 02 | 2 |
| 953 | VALENTIA | 061 | 53 0 | 10 | 3 | 506 | 50 0 | 22 | 16 | 034 | 41**0 | | | 913 | 14**0 | | | 03 | 2 |
| | BLOCK 04 | | | | | | | | | | | | | | | | | | |
| 202 | THULE | 034 | 06002 | 27 | 2 | 470 | 02525 | 15 | 8 | 977 | 56608 | 19 | 17 | 811 | 74763 | 20 | 27 | 03 | 1 |
| 231 | SDR STROMFRD | 029 | 10529 | 03 | 13 | 471 | 07582 | 18 | 11 | 984 | 53699 | 11 | 12 | 833 | 66999 | 10 | 19 | 09 | 1 |
| 270 | NARSSARSSUAK | 022 | 14016 | 06 | 19 | 465 | 04538 | 10 | 29 | 974 | 54645 | 01 | 28 | 815 | 68759 | 09 | 8 | 09 | 1 |
| | BLOCK 06 | | | | | | | | | | | | | | | | | | |
| 180 | KOBENHAVN | 146 | 18131 | 33 | 12 | 525 | 10003 | 36 | 10 | 090 | 54612 | 34 | 9 | 675 | 71710 | 04 | 11 | 03 | 5 |
| 260 | DE BILT | 163 | 16149 | | | 536 | 09039 | | | 121 | 00542 | | | 754 | 63781 | | | 03 | 8 |
| 447 | UCCLE | 158 | 19150 | | | 540 | 13071 | | | 133 | 01521 | | | 752 | 64698 | | | 03 | 8 |
| | BLOCK 07 | | | | | | | | | | | | | | | | | | |
| 110 | BREST | 173 | 15155 | 03 | 3 | 555 | 11068 | 12 | 8 | 158 | 04543 | 10 | 6 | 813 | 62702 | 35 | 25 | 02 | 5 |
| 145 | TRAPPES | 161 | | | | 560 | 14076 | | | 150 | 01527 | | | 588 | 62664 | | | 02 | 8 |
| 190 | STRASBOURG | 150 | 15147 | | | 520 | 10057 | | | 112 | 57532 | | | 715 | 66695 | | | 02 | 8 |
| 480 | LYON | 126 | | | | 520 | 15062 | | | 132 | 03544 | | | 752 | 67754 | | | 02 | 8 |
| 510 | BORDEAUX | 166 | 16155 | 28 | 4 | 570 | 15095 | 27 | 4 | 165 | 06003 | 01 | 8 | 844 | 59641 | | | 02 | 5 |
| 645 | NIMES | 121 | 24108 | | | 520 | 14536 | | | 124 | 01584 | | | 750 | 63715 | | | 02 | 8 |
| | BLOCK 08 | | | | | | | | | | | | | | | | | | |
| 509 | LAGENS | 066 | 18175 | 26 | 5 | 518 | 13164 | 28 | 5 | 049 | 06615 | 32 | 10 | 926 | 61711 | 28 | 15 | 03 | 1 |
| 521 | FUNCHAL | 169 | 22146 | | | 563 | 18576 | | | 201 | 10626 | | | 927 | 56744 | | | 14 | 8 |
| 536 | PORTELA | 126 | 28151 | | | 540 | 19513 | | | 139 | 09642 | | | 830 | 59992 | | | 14 | 8 |
| | BLOCK 10 | | | | | | | | | | | | | | | | | | |
| 384 | TEMPELHOF | 141 | 15117 | 01 | 8 | 584 | 07048 | 02 | 12 | 081 | 52539 | 35 | 11 | 685 | 67753 | 03 | 9 | 03 | 5 |
| 633 | WIESBADEN | 177 | 16135 | 03 | 3 | 554 | 09066 | 32 | 7 | 138 | 50563 | 35 | 17 | 747 | 67997 | 32 | 21 | 03 | 5 |
| 866 | MUNCHEN RIEM | 156 | 99999 | 99 | 99 | 527 | 11044 | 31 | 3 | 113 | 50557 | 34 | 16 | 721 | 67990 | 34 | 22 | 03 | 5 |
| | BLOCK 11 | | | | | | | | | | | | | | | | | | |
| 030 | TULLN | 138 | | | | 500 | 07049 | 33 | 20 | 073 | 52536 | 33 | 26 | 671 | 67831 | 34 | 9 | 03 | 5 |
| 567 | PRAHA KBELY | 140 | | | | 520 | 10062 | | | 099 | 00597 | | | 730 | 64708 | | | 04 | 5 |
| | BLOCK 16 | | | | | | | | | | | | | | | | | | |
| 596 | QRENDI | | | | | 500 | 63450 | | | 036 | 46310 | | | 913 | 12030 | | | 02 | 1 |
| | BLOCK 17 | | | | | | | | | | | | | | | | | | |
| 606 | NICOSIA | | | | | 473 | 69499 | | | 018 | 57130 | | | 918 | 31850 | | | 02 | 8 |
| | BLOCK 42 | | | | | | | | | | | | | | | | | | |
| 182 | NEW DELHI | 503 | | | | 141 | 2019 | | | 306 | 1313* | | | 583 | 50*** | | | 15 | 8 |
| 339 | JODHPUR | 504 | | | | 141 | 2319 | | | 308 | 1109* | | | 582 | 55*** | | | 15 | 8 |
| 475 | BAMRAULI AL | 502 | | | | 141 | 2119 | | | 308 | 1211* | | | *** | ***** | | | 15 | 8 |
| 867 | NAGPUR | 501 | | | | 142 | 2019 | | | 308 | 1306* | | | 585 | 5255* | | | 15 | 8 |
| 909 | VERAVAL | 000 | | | | 142 | 2017 | | | 307 | 1000* | | | *** | ***** | | | 14 | 8 |
| | BLOCK 43 | | | | | | | | | | | | | | | | | | |
| 063 | POONA | 003 | | | | 144 | 1818 | | | 309 | 1204* | | | 582 | 54*** | | | 14 | 8 |
| 149 | VIZAGAPATAM | 001 | | | | 144 | 2115 | | | 310 | 1108* | | | 585 | 54*** | | | 14 | 8 |
| 279 | MADRAS | 004 | 2824 | | | 148 | 2315 | | | 314 | 1304* | | | 590 | 52*** | | | 14 | 8 |
| 371 | TRIVANDRUM | 008 | 2322 | | | 149 | 1613 | | | 312 | 0805* | | | 583 | ***** | | | 15 | 8 |
| | BLOCK 45 | | | | | | | | | | | | | | | | | | |
| 007 | KAI TAK | 004 | 27200 | | | 147 | 23150 | | | 314 | 12030 | | | 588 | 52**0 | | | 22 | 8 |
| | BLOCK 47 | | | | | | | | | | | | | | | | | | |
| 580 | MISAWA | 038 | 22206 | 09 | 8 | 499 | 15119 | 28 | 14 | 036 | 10053 | 28 | 22 | 935 | 52997 | 27 | 48 | 03 | 1 |
| 635 | NAGOYA | 047 | 30223 | 00 | | 526 | 18155 | 25 | 7 | 065 | 09017 | 28 | 11 | 960 | 55990 | 32 | 12 | 03 | 1 |
| 671 | TOKYO | 023 | 30229 | 18 | 13 | 494 | 22163 | 14 | 6 | 054 | 13053 | 24 | 7 | 947 | 50653 | 24 | 4 | 03 | 1 |
| 808 | ITAZUKE | 035 | 31246 | 33 | 11 | 508 | 21173 | 17 | 9 | 052 | 12078 | 15 | 12 | 958 | 51621 | 13 | 17 | 03 | 1 |
| | BLOCK 60 | | | | | | | | | | | | | | | | | | |
| 120 | PORT LYAUTEY | 038 | 18146 | | | 492 | 20996 | | | 036 | 12990 | | | 923 | 52762 | | | 03 | 6 |
| 155 | CASABLANCA | 134 | 19178 | | | 530 | 21066 | | | 183 | 12020 | | | 912 | 55797 | | | 02 | 8 |
| 390 | M BLANCHE | 110 | 22203 | | | 530 | 19071 | | | 163 | 08529 | | | 845 | 61706 | | | 02 | 8 |
| | BLOCK 61 | | | | | | | | | | | | | | | | | | |
| 642 | DAKAR OUAKAM | 116 | 25223 | 00 | | 520 | 16156 | 20 | 4 | 150 | 08002 | 08 | 16 | 847 | 57683 | 07 | 25 | 07 | 5 |

# RADIOSONDE AND RAWINSONDE DATA — Continued

| Index No. III | 300 mb. hhh | 300 mb. TTTTT ddx | 300 mb. dd | 300 mb. ff | 200 mb. hhh | 200 mb. TTTTT ddx | 200 mb. dd | 200 mb. ff | 100 mb. hhh | 100 mb. TTTTT ddx | 100 mb. dd | 100 mb. ff | Hour GG | Code Type |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 317 | 202 | 83993 | 14 | 12 | 098 | 54992 | 14 | 32 | 470 | ***** | | | 03 | 1 |
| 327 | 193 | 82994 | 19 | 15 | 093 | 02995 | 12 | 31 | | | | | 03 | 1 |
| 340 | 183 | 81935 | | | 091 | | | | | | | | 03 | 1 |
| 353 | 188 | 82911 | 10 | 4 | 082 | 06990 | 15 | 16 | 457 | ***** | | | 03 | 1 |
| 365 | 181 | 82876 | 06 | 8 | 073 | 04998 | 05 | 12 | | | | | 03 | 1 |
| 386 | 170 | 84991 | | | 998 | | | | | | | | 03 | 1 |
| 394 | 172 | | | | | | | | | | | | 03 | 1 |
| 405 | 205 | 80997 | | | 105 | 03996 | | | 470 | 22995 | | | 03 | 1 |
| 445 | 195 | 82892 | 23 | 5 | 091 | 04994 | 24 | 13 | 462 | ***** | | | 03 | 1 |
| 451 | 191 | 82921 | | | 090 | 03993 | | | 468 | 18993 | | | 03 | 1 |
| 476 | 178 | 83931 | 23 | 38 | 070 | 05990 | 24 | 56 | | | | | 03 | 1 |
| 486 | 139 | 85992 | | | 029 | 03995 | | | 415 | 17998 | | | 04 | 1 |
| 493 | 161 | 84995 | 25 | 44 | 053 | 02994 | | | 461 | 15999 | | | 03 | 1 |
| 506 | 191 | 79856 | | | 097 | 01993 | | | | | | | 03 | 1 |
| 518 | 101 | 50 | | | | | | | | | | | 03 | 1 |
| 520 | 194 | 82923 | | | 094 | | | | | | | | 03 | 1 |
| 528 | 170 | 82915 | | | 066 | | | | | | | | 03 | 1 |
| 534 | 190 | 82990 | | | 085 | 03998 | | | 458 | 19999 | | | 03 | 1 |
| 536 | 189 | 81889 | | | 087 | 04994 | | | 453 | 22995 | | | 03 | 1 |
| 553 | 180 | 83936 | | | 072 | 05993 | | | 453 | 16994 | | | 03 | 1 |
| 562 | 181 | 83883 | | | 077 | 03993 | | | | | | | 03 | 1 |
| 576 | 158 | 87992 | | | 046 | 02993 | | | 461 | 13995 | | | 03 | 1 |
| 597 | 120 | 88990 | 26 | 35 | 007 | 01995 | 25 | 55 | | | | | 03 | 1 |
| 600 | 188 | 79881 | | | 072 | 96991 | | | 520 | ***** | | | 03 | 1 |
| 606 | 159 | 81893 | | | 063 | 02997 | | | 444 | ***** | | | 03 | 1 |
| 655 | 145 | 86994 | 26 | 61 | 040 | 02995 | | | 462 | ***** | | | 03 | 1 |
| 662 | 152 | 88990 | 24 | 30 | 034 | 05991 | 25 | 69 | | | | | 03 | 1 |
| 681 | 125 | 88989 | | | 040 | 01999 | | | 430 | ***** | | | 03 | 1 |
| 712 | 100 | 84881 | | | 994 | 01995 | | | 421 | 11997 | | | 03 | 1 |
| 734 | 128 | 86991 | 28 | 98 | 024 | 02992 | | | | | | | 03 | 1 |
| 747 | 109 | 90998 | 29 | 66 | 980 | 00990 | | | | | | | 03 | 1 |
| 764 | 130 | 88982 | 28 | 58 | 007 | 04996 | | | | | | | 03 | 1 |
| 768 | 112 | 89972 | | | 989 | 03990 | | | 432 | ***** | | | 03 | 1 |
| 775 | 118 | 88995 | | | 987 | 03995 | | | 421 | ***** | | | 03 | 1 |
| 785 | 098 | 89008 | 22 | 61 | 973 | 01990 | | | 434 | ***** | | | 03 | 1 |
| 798 | 101 | 50 | | | | | | | | | | | 04 | 1 |
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| 918 | 892 | 97997 | | | 782 | 93990 | | | 313 | 93990 | | | 03 | 1 |
| 924 | | | | | | | | | | | | | | |
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| 072 | 012 | | | | | | | | | | | | 03 | 1 |
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| 090 | 980 | 95992 | 34 | 10 | | | | | | | | | 03 | 1 |
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| 458 | 184 | 82927 | | | | | | | | | | | 03 | 1 |
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| 679 | 180 | 82866 | | | 069 | 06993 | | | | | | | 03 | 1 |
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| 016 | | | | | | | | | | | | | | |
| 325 | | | | | | | | | | | | | | |
| 367 | 101 | 43 | | | | | | | | | | | 03 | 1 |
| 395 | 168 | 85994 | 07 | 12 | 054 | 06990 | 04 | 13 | | | | | 03 | 1 |
| 501 | 193 | 82937 | | | 085 | 04999 | | | 460 | 23999 | | | 03 | 1 |
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| 741 | | | | | | | | | | | | | | |
| 806 | 140 | 86990 | 08 | 27 | 017 | 09998 | 07 | 16 | | | | | 03 | 1 |
| 972 | 170 | 84999 | 07 | 6 | 059 | 04992 | 12 | 6 | | | | | 03 | 1 |
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| 115 | 177 | 88991 | 05 | 27 | 069 | 06991 | 05 | 52 | 444 | 19990 | | | 03 | 1 |
| 182 | 172 | 86951 | 27 | 4 | 052 | 07995 | 33 | 38 | 446 | 16998 | 07 | 9 | 03 | 1 |
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| 98 | | | | | | | | | | | | | | |
| 645 | 184 | 80903 | | | 089 | 02990 | | | 444 | 30997 | | | 03 | 8 |
| QLL | | OCEAN | STA | | | | | | | | | | | |
| 034 | 172 | 86995 | 27 | 26 | 052 | 07999 | 27 | 18 | 450 | 15994 | 27 | 16 | 03 | 9 |
| 035 | 180 | 86942 | 27 | 19 | 067 | 05997 | 27 | 16 | 461 | 15999 | | | 03 | 9 |
| 041 | 947 | 92 0 | | | | 05 0 | | | 649 | 12**4 | | | 02 | 8 |
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| 051 | 101 | 43 | | | | | | | | | | | 02 | 1 |
| 053 | 059 | 88934 | | | 940 | 03990 | | | 483 | 01990 | | | 03 | 9 |
| 055 | 990 | 94997 | 22 | 16 | 868 | 96998 | 30 | 20 | 376 | 96998 | 25 | 18 | 03 | 9 |
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| 063 | 983 | 98999 | 30 | 24 | | | | | | | | | 03 | 9 |
| 134 | 164 | 85994 | 22 | 4 | 051 | 02999 | | | 445 | 17990 | | | 03 | 9 |
| 144 | 101 | 50 | | | | | | | | | | | 03 | 9 |
| 223 | 205 | 75 | | | 137 | 92 | | | | | | | 02 | 1 |
| 235 | 188 | 75 | | | | | | | | | | | 03 | 1 |
| 246 | 116 | 82898 | | | 014 | 03090 | | | | | | | 03 | 9 |
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| 030 | 913 | 95 4 | | | 176 | 97 6 | | | | | | | 03 | 8 |
| 384 | 942 | 93011 | | | 203 | 09996 | | | 651 | 00991 | | | 03 | 5 |
| 415 | 942 | 91973 | | | 205 | 06991 | | | | | | | 03 | 8 |
| 02 | | | | | | | | | | | | | | |
| 057 | 922 | 94992 | | | 184 | 00990 | | | 647 | 92992 | | | 03 | 8 |
| 077 | 101 | 43 | | | | | | | | | | | 03 | 5 |
| 084 | 935 | 95990 | | | | | | | | | | | 03 | 8 |
| 974 | 334 | 92992 | | | 960 | 10996 | | | | | | | 03 | 2 |
| 03 | | | | | | | | | | | | | | |
| 005 | 064 | 60490 | 29 | 76 | 930 | 34 0 | 29 | 56 | | | | | 02 | 2 |
| 026 | 111 | 66570 | 28 | 51 | 992 | 31 0 | 29 | 68 | 445 | 40**0 | 30 | 15 | 02 | 2 |
| 171 | 109 | 61570 | | | 975 | 21 0 | | | | | | | 02 | 7 |
| 322 | 126 | 64560 | 33 | 30 | | | | | | | | | 08 | 2 |
| 476 | 101 | 50 | | | | | | | | | | | 08 | 2 |
| 743 | 183 | 62530 | 35 | 38 | 997 | 28 0 | 01 | 51 | 441 | 33**0 | 34 | 14 | 02 | 2 |
| 808 | 139 | 65490 | 01 | 39 | 010 | 24 0 | 38 | 53 | 435 | 30**0 | 34 | 18 | 02 | 2 |
| 917 | 128 | 63580 | 31 | 33 | 004 | 87 0 | 33 | 49 | 443 | 38**0 | 32 | 13 | 02 | 2 |
| 953 | 146 | 68 0 | | | 028 | 29 0 | | | 438 | 26**0 | | | 03 | 2 |
| 04 | | | | | | | | | | | | | | |
| 202 | 983 | 96992 | 21 | 43 | 857 | 94996 | 20 | 45 | | | | | 03 | 1 |
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| 06 | | | | | | | | | | | | | | |
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| 447 | 425 | 91 1 | | | 071 | 02 7 | | | 555 | 02**1 | | | 03 | 8 |
| 07 | | | | | | | | | | | | | | |
| 110 | 952 | 88967 | 36 | 50 | 217 | 09 7 | 01 | 57 | 653 | 07**0 | 33 | 12 | 02 | 5 |
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| 190 | 938 | 92 0 | | | 202 | 04 7 | | | 647 | 04**0 | | | 02 | 8 |
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| 510 | 959 | 88902 | | | 230 | 04 4 | | | | | | | 02 | 5 |
| 645 | 939 | 80 4 | | | 205 | 03 7 | | | 644 | 08**4 | | | 02 | 8 |
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| 536 | 957 | 87997 | | | 227 | 00990 | | | | | | | 14 | 8 |
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| 384 | 932 | 92998 | 11 | 16 | 195 | 06997 | 18 | 10 | | | | | 03 | 5 |
| 633 | 926 | 94998 | 32 | 61 | 190 | 00997 | 33 | 56 | 631 | 00996 | | | 03 | 5 |
| 866 | 936 | 91995 | 32 | 64 | 203 | 00992 | 32 | 26 | 654 | 02994 | 34 | 9 | 03 | 5 |
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| 567 | 101 | 43 | | | | | | | | | | | 04 | 5 |
| 16 | | | | | | | | | | | | | | |
| 596 | 143 | 70510 | | | | | | | | | | | 02 | 1 |
| 17 | | | | | | | | | | | | | | |
| 606 | 202 | 93500 | | | 139 | 57 0 | | | 580 | 09**0 | | | 02 | 8 |
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| 182 | 971 | 76 | | | 250 | 01 | | | | | | | 15 | 8 |
| 339 | 101 | 43 | | | | | | | | | | | 15 | 8 |
| 475 | 101 | 43 | | | | | | | | | | | 15 | 8 |
| 867 | 973 | 73 | | | | | | | | | | | 15 | 8 |
| 909 | 101 | 43 | | | | | | | | | | | 14 | 8 |
| 43 | | | | | | | | | | | | | | |
| 063 | 101 | 43 | | | | | | | | | | | 14 | 8 |
| 149 | 969 | 79 | | | | | | | | | | | 14 | 8 |
| 279 | 977 | 79 | | | | | | | | | | | 14 | 8 |
| 371 | 965 | 80 | | | | | | | | | | | 15 | 8 |
| 45 | | | | | | | | | | | | | | |
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| 671 | 226 | 75990 | 26 | 12 | 151 | 95991 | 28 | 17 | 580 | 12998 | | | 03 | 1 |
| 808 | 233 | 74993 | 15 | 18 | 168 | 92998 | 23 | 20 | 680 | 11998 | | | 03 | 1 |
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| 155 | 977 | 73956 | | | 254 | 90 0 | | | | | | | 02 | 8 |
| 390 | 957 | 88987 | | | | | | | | | | | 02 | 8 |
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# RADIOSONDE AND RAWINSONDE DATA.
## SIGNIFICANT LEVELS

| Index No. III | 1st. 5th. etc. Level PPP | 1st. 5th. etc. Level TTTTT ddx | 2nd. 6th. etc. Level PPP | 2nd. 6th. etc. Level TTTTT ddx | 3rd. 7th. etc. Level PPP | 3rd. 7th. etc. Level TTTTT ddx | 4th. 8th. etc. Level PPP | 4th. 8th. etc. Level TTTTT ddx | Hour GG | Code Type |
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| 353 | 970 | 27208 | 689 | 04545 | 604 | 02541 | 540 | 52706 | 03 | 1 |
| 365 | 840 | 20144 | 883 | 18128 | 796 | 20085 | 597 | 01518 | 03 | 1 |
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| 520 | 975 | 22218 | 940 | 23215 | 669 | 07013 | 617 | 03579 | 03 | 1 |
| 528 | 991 | 21177 | 965 | 22134 | 803 | 08065 | 782 | 11622 | 03 | 1 |
| 534 | 000 | 20175 | 992 | 23195 | 965 | 22153 | 888 | 16112 | 03 | 1 |
| 536 | 997 | 21158 | 978 | 22145 | 915 | 18117 | 813 | 16597 | 03 | 1 |
| 553 | 983 | 24179 | 894 | 19114 | 874 | 19546 | 813 | 16025 | 03 | 1 |
| 562 | 919 | 24171 | 890 | 24168 | 752 | 13104 | 669 | 09520 | 03 | 1 |
| 576 | 827 | 25023 | 806 | 26012 | 532 | 55601 | 428 | 67748 | 03 | 1 |
| 597 | 964 | 26104 | 745 | 07044 | 732 | 07044 | 442 | 66815 | 03 | 1 |
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| 606 | 005 | 18175 | 980 | 24211 | 783 | 14556 | 724 | 12610 | 03 | 1 |
| 655 | 982 | 17137 | 972 | 21113 | 884 | 18017 | 727 | 09551 | 03 | 1 |
| 662 | 898 | 28143 | 506 | 59639 | 445 | 67731 | 438 | 65804 | 03 | 1 |
| 681 | 909 | 26090 | 900 | 27043 | 815 | 20023 | 610 | 50561 | 03 | 1 |
| 712 | 981 | 17146 | 958 | 17128 | 951 | 19147 | 875 | 16137 | 03 | 1 |
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| 747 | 976 | 14105 | 958 | 18091 | 816 | 07038 | 764 | 06634 | 03 | 1 |
| 764 | 950 | 24131 | 916 | 27112 | 435 | 68814 | 400 | 73825 | 03 | 1 |
| 768 | 933 | 24089 | 925 | 27068 | 856 | 21505 | 486 | 63732 | 03 | 1 |
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| 816 | 000 | 13114 | 982 | 16105 | 800 | 06629 | 750 | 02526 | 03 | 1 |
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| 909 | 002 | 07021 | 926 | 12033 | 862 | 05824 | 756 | 51**8 | 03 | 1 |
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| 938 | 008 | 06041 | | 53576 | 824 | 51508 | 616 | 58749 | 02 | 1 |
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| 074 | 012 | 01001 | 954 | 52531 | 933 | 00503 | 900 | 00523 | 03 | 1 |
| 090 | 006 | 06037 | 977 | 10037 | 940 | 09004 | 895 | 06004 | 03 | 1 |
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| 188 | 998 | 12111 | 950 | 14112 | 400 | 76853 | 331 | 90001 | 09 | 1 |
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| 458 | 009 | 29247 | 598 | 01528 | 400 | 66754 | 266 | 89981 | 03 | 1 |
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| 325 | 013 | 24213 | 989 | 26191 | | | | | 03 | 1 |
| 367 | 014 | 27227 | 810 | 19161 | 785 | 18155 | 736 | 17121 | 03 | 1 |
| 395 | 012 | 26233 | 750 | 12510 | 728 | 12553 | 400 | 69992 | 03 | 1 |
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| 215 | 000 | 26229 | 540 | 54995 | 475 | 58692 | 400 | 65994 | 04 | 1 |
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| 055 | 007 | 07061 | 953 | 03024 | 670 | 57603 | 637 | 57705 | 03 | 9 |
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| 063 | 006 | 08089 | 933 | 05046 | 922 | 07060 | 905 | 05042 | 03 | 9 |
| 134 | 023 | 20172 | 872 | 09086 | 861 | 07053 | 853 | 08036 | 03 | 9 |
| 144 | 026 | 11098 | 993 | 09022 | 983 | 12045 | 962 | 11017 | 03 | 9 |
| 223 | 011 | 27 | 935 | 23 | 809 | 17*** | 749 | 15*** | 02 | 1 |
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| 030 | 017 | 06016 | 882 | 51541 | 800 | 51566 | 648 | 59696 | 03 | 8 |
| 384 | 991 | 12084 | 969 | 18076 | 936 | 18058 | 687 | 53582 | 03 | 5 |
| 415 | 018 | 11108 | 920 | 09095 | 904 | 10109 | 796 | 05043 | 03 | 8 |
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| 077 | 014 | 09053 | 990 | 17101 | 822 | 06531 | 536 | 61715 | 03 | 5 |
| 084 | 017 | 12127 | 933 | 18055 | 738 | 50579 | 649 | 53653 | 03 | 8 |
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| 808 | 011 | 63620 | 955 | 55600 | 928 | 60530 | 864 | 59290 | 02 | 2 |
| 917 | 014 | 50450 | 960 | 55450 | 880 | 52390 | 757 | 21120 | 02 | 2 |
| 953 | 021 | 54 0 | 933 | 49 0 | 911 | 52**0 | 839 | 53**0 | 03 | 2 |
| 04 | | | | | | | | | | |
| 202 | 008 | 06011 | 982 | 05515 | 952 | 07019 | 892 | 03507 | 03 | 1 |
| 231 | 005 | 10526 | 925 | 11542 | 680 | 55714 | 610 | 58744 | 09 | 1 |
| 270 | 007 | 14019 | 763 | 51576 | 630 | 60741 | 559 | 67784 | 09 | 1 |
| 06 | | | | | | | | | | |
| 180 | 017 | 17135 | 964 | 20093 | 730 | 52605 | 639 | 55664 | 03 | 5 |
| 260 | 020 | 14132 | 995 | 17154 | 968 | 15139 | 956 | 14124 | 03 | 8 |
| 447 | 007 | 17147 | 994 | 20160 | 970 | 20151 | 748 | 03008 | 03 | 8 |
| 07 | | | | | | | | | | |
| 110 | 100 | 16156 | 995 | 16154 | 970 | 14148 | 943 | 16146 | 02 | 5 |
| 145 | 999 | 17133 | 970 | 21152 | 832 | 13071 | 732 | 03004 | 02 | 8 |
| 190 | 000 | 15147 | 991 | 17132 | 962 | 17126 | 987 | 17116 | 02 | 8 |
| 480 | 992 | 19114 | 961 | 21136 | 939 | 21122 | 610 | 51621 | 02 | 8 |
| 510 | 014 | 15157 | 975 | 17152 | 955 | 16116 | 910 | 16101 | 02 | 5 |
| 645 | 007 | 25102 | 950 | 23091 | 877 | 16025 | 750 | 07542 | 02 | 8 |
| 08 | | | | | | | | | | |
| 509 | 011 | 19181 | 915 | 14131 | 877 | 11045 | 837 | 14074 | 03 | 1 |
| 521 | 013 | 25189 | 925 | 16138 | 894 | 15135 | 878 | 16086 | 14 | 8 |
| 536 | 005 | 30163 | 970 | 22129 | 938 | 23074 | 800 | 16595 | 14 | 8 |
| 10 | | | | | | | | | | |
| 384 | 011 | 16121 | 937 | 13077 | 789 | 04037 | 673 | 55556 | 03 | 5 |
| 633 | 005 | 16131 | 984 | 17134 | 935 | 16108 | 741 | 02516 | 03 | 5 |
| 866 | 957 | 12101 | 920 | 15089 | 784 | 06022 | 648 | 56581 | 03 | 5 |
| 11 | | | | | | | | | | |
| 030 | 996 | 13125 | 983 | 12076 | 693 | 53541 | 662 | 53579 | 03 | 5 |
| 567 | 983 | 13107 | 950 | 16100 | 660 | 52624 | 600 | 54635 | 04 | 5 |
| 16 | | | | | | | | | | |
| 596 | 999 | 20670 | | | | | | | 02 | 1 |
| 17 | | | | | | | | | | |
| 606 | 979 | 67649 | 955 | 72650 | 924 | 70620 | 911 | 82604 | 02 | 8 |
| 42 | | | | | | | | | | |
| 182 | 973 | 2725 | 578 | 0404 | 563 | 0404* | 344 | 68*** | 15 | 8 |
| 339 | 972 | 3222 | 932 | 2823 | 828 | 2318* | 610 | 0453* | 15 | 8 |
| 475 | 987 | 2725 | | 0303 | | | | | 15 | 8 |
| 867 | 965 | 2922 | 350 | 69 | 280 | 75*** | | | 15 | 8 |
| 909 | 999 | 2726 | 946 | 2323 | 776 | 1010* | 679 | 1052* | 14 | 8 |
| 43 | | | | | | | | | | |
| 063 | 941 | 2421 | 755 | 1410 | 720 | 1405* | 558 | 0161* | 14 | 8 |
| 149 | 996 | 2724 | 950 | 2423 | 572 | 0350* | 216 | | 14 | 8 |
| 279 | 003 | 2824 | 988 | 2921 | 730 | 1407* | 510 | 5079* | 14 | 8 |
| 371 | 002 | 2322 | 565 | 5153 | 250 | 91*** | | | 15 | 8 |
| 45 | | | | | | | | | | |
| 007 | 005 | 27250 | 950 | 26240 | 900 | 23200 | 800 | 17110 | 22 | 8 |
| 47 | | | | | | | | | | |
| 580 | 009 | 23194 | 987 | 18178 | 778 | 13016 | 664 | 10048 | 03 | 1 |
| 635 | 014 | 31258 | 880 | 16123 | 613 | 04541 | 560 | 00555 | 03 | 1 |
| 671 | 008 | 31235 | 976 | 28206 | 944 | 28194 | 896 | 24196 | 03 | 1 |
| 808 | 011 | 32043 | 865 | 22182 | 400 | 62722 | 370 | 65747 | 03 | 1 |
| 60 | | | | | | | | | | |
| 120 | 013 | 20165 | 958 | 14134 | 942 | 20174 | 898 | 22040 | 03 | 6 |
| 155 | 010 | 20194 | 986 | 19153 | 952 | 15151 | 866 | 21055 | 02 | 8 |
| 390 | 010 | 21191 | 950 | 25181 | 915 | 24131 | 854 | 19075 | 02 | 8 |
| 61 | | | | | | | | | | |
| 642 | 009 | 25234 | 891 | 18165 | 791 | 13134 | 637 | 04604 | 07 | 5 |

# RADIOSONDE AND RAWINSONDE DATA.
## SIGNIFICANT LEVELS

| Index No. III | 1st. 5th. etc. Level PPP | 1st. 5th. etc. Level TTTTT ddx | 2nd. 6th. etc. Level PPP | 2nd. 6th. etc. Level TTTTT ddx | 3rd. 7th. etc. Level PPP | 3rd. 7th. etc. Level TTTTT ddx | 4th. 8th. etc. Level PPP | 4th. 8th. etc. Level TTTTT ddx | Hour GG | Code Type |
|---|---|---|---|---|---|---|---|---|---|---|
| 317 | 544 | 52609 | 477 | 57721 | 400 | 67990 | 137 | 20994 | 03 | 1 |
| 327 | 574 | 51607 | 548 | 54703 | 536 | 55646 | 488 | 57717 | 03 | 1 |
| 340 | 294 | 82941 | 258 | 90990 | 221 | 96995 | 101 | 65*** | 03 | 1 |
| 353 | 435 | 62768 | 422 | 65723 | 400 | 65739 | 342 | 74876 | 03 | 1 |
| 365 | 544 | 52575 | 480 | 58662 | 467 | 59696 | 440 | 62696 | 03 | 1 |
| 386 | 598 | 01692 | 586 | 01995 | 456 | 62991 | 400 | 67998 | 03 | 1 |
| 394 | 902 | 21053 | 822 | 20548 | 400 | 67998 | 312 | 81999 | 03 | 1 |
| 405 | 600 | 01534 | 541 | 52589 | 517 | 54713 | 400 | 66783 | 03 | 1 |
| 445 | 567 | 50579 | 535 | 53566 | 400 | 66221 | 354 | 72856 | 03 | 1 |
| 451 | 537 | 52714 | 400 | 66811 | 336 | 76829 | 286 | 84956 | 03 | 1 |
| 476 | 384 | 69802 | 262 | 90000 | 181 | 08999 | | | 03 | 1 |
| 486 | 284 | 87997 | 131 | 19991 | 107 | 20991 | 058 | 09990 | 04 | 1 |
| 493 | 902 | 22052 | 796 | 17003 | 543 | 54712 | 400 | 67997 | 03 | 1 |
| 506 | 574 | 02682 | 468 | 57644 | 428 | 62668 | 400 | 63684 | 03 | 1 |
| 518 | 768 | 12598 | 755 | 12999 | 679 | 08995 | | | 03 | 1 |
| 520 | 577 | 01591 | 565 | 00562 | 475 | 58714 | 450 | 61675 | 03 | 1 |
| 528 | 470 | 57749 | 400 | 67762 | 267 | 88989 | 204 | 02998 | 03 | 1 |
| 534 | 873 | 15073 | 857 | 17563 | 841 | 18991 | 471 | 59743 | 03 | 1 |
| 536 | 481 | 57622 | 424 | 65680 | 413 | 63699 | 400 | 65719 | 03 | 1 |
| 553 | 776 | 15614 | 556 | 55631 | 484 | 59624 | 400 | 67727 | 03 | 1 |
| 562 | 567 | 51583 | 538 | 53734 | 400 | 67996 | 371 | 71865 | 03 | 1 |
| 576 | 420 | 67827 | 400 | 70865 | 344 | 78995 | 276 | 89995 | 03 | 1 |
| 597 | 400 | 72991 | 297 | 88996 | 144 | 08999 | | | 03 | 1 |
| 600 | 812 | 15573 | 727 | 10611 | 673 | 06551 | 553 | 53587 | 03 | 1 |
| 606 | 400 | 65804 | 252 | 89007 | 139 | 18998 | 119 | 21995 | 03 | 1 |
| 655 | 686 | 06522 | 632 | 02650 | 615 | 00583 | 533 | 59652 | 03 | 1 |
| 662 | 424 | 67820 | 400 | 70990 | 294 | 89995 | 181 | 07994 | 03 | 1 |
| 681 | 565 | 54609 | 544 | 54661 | 400 | 72857 | 297 | 89001 | 03 | 1 |
| 712 | 805 | 12044 | 670 | 03563 | 650 | 02681 | 630 | 00571 | 03 | 1 |
| 734 | 654 | 04993 | 564 | 55993 | 400 | 72996 | 272 | 88993 | 03 | 1 |
| 747 | 695 | 05674 | 568 | 55992 | 448 | 69774 | 400 | 75851 | 03 | 1 |
| 764 | 384 | 75826 | 360 | 78909 | 288 | 90002 | 235 | 01991 | 03 | 1 |
| 768 | 424 | 70768 | 400 | 74833 | 348 | 81875 | 217 | 04996 | 03 | 1 |
| 775 | 220 | 03996 | 135 | 10996 | 105 | 08990 | | | 03 | 1 |
| 785 | 412 | 73793 | 400 | 74865 | 233 | 00995 | 178 | 98999 | 03 | 1 |
| 798 | | | | | | | | | | |
| 807 | 654 | 01998 | 618 | 50995 | 600 | 00990 | 446 | 66752 | 02 | 1 |
| 815 | 670 | 00608 | 650 | 01685 | 400 | 70745 | 250 | 98993 | 03 | 1 |
| 816 | 704 | 00728 | 646 | 54991 | 532 | 60723 | 470 | 65695 | 03 | 1 |
| 826 | 253 | 01997 | 221 | 95997 | 172 | 96994 | | | 03 | 1 |
| 836 | 730 | 52577 | 584 | 61693 | 529 | 62723 | 400 | 76871 | 03 | 1 |
| 867 | 190 | 98993 | 154 | 97999 | | | | | 03 | 1 |
| 879 | 620 | 55624 | 576 | 60640 | 432 | 74841 | 101 | 47*** | 03 | 1 |
| 896 | 400 | 78855 | 334 | 88922 | 214 | 09998 | 188 | 98992 | 03 | 1 |
| 906 | 570 | 59593 | 400 | 75764 | 314 | 90920 | 208 | | 09 | 1 |
| 907 | 707 | 55571 | 690 | 53560 | 605 | 56668 | 541 | 61739 | 03 | 1 |
| 909 | 588 | 62773 | 451 | 71834 | 400 | 76760 | 305 | 90922 | 03 | 1 |
| 913 | 727 | 52604 | 615 | 60733 | 560 | 64990 | 538 | 64994 | 03 | 1 |
| 915 | 400 | 81831 | 386 | 89928 | 248 | 04992 | 210 | 96990 | 03 | 1 |
| 917 | 680 | 59693 | 400 | 82995 | 335 | 90990 | 298 | 95995 | 03 | 1 |
| 918 | 328 | 00990 | 072 | 93990 | | | | | 03 | 1 |
| 924 | 400 | 85901 | 344 | 89949 | | | | | 03 | 1 |
| 926 | | | | | | | | | | |
| 934 | 452 | 73851 | 400 | 80993 | 237 | 06990 | 175 | 95996 | 03 | 1 |
| 938 | 562 | 60718 | 400 | 57867 | 234 | 03998 | | | 02 | 1 |
| 945 | 506 | 68809 | 400 | 80878 | 254 | 02992 | 123 | 94997 | 03 | 1 |
| 964 | 125 | 96996 | 101 | 58 | | | | | 03 | 1 |
| 968 | 819 | 06536 | 734 | 51562 | 715 | 51602 | 704 | 51582 | 03 | 1 |
| 74 | | | | | | | | | | |
| 043 | 648 | 56731 | 577 | 60990 | 540 | 63791 | 466 | 71795 | 03 | 1 |
| 072 | 400 | 79996 | 327 | 90990 | 312 | 92995 | | | 03 | 1 |
| 074 | 867 | 50556 | 785 | 51691 | 650 | 58759 | 588 | 62993 | 03 | 1 |
| 090 | 815 | 03584 | 757 | 51585 | 732 | 53611 | 638 | 60719 | 03 | 1 |
| 109 | 682 | 51529 | 101 | 51 | | | | | 03 | 1 |
| 188 | 287 | 00990 | 230 | 98998 | 101 | 58*** | | | 09 | 1 |
| 76 | | | | | | | | | | |
| 458 | | | | | | | | | | |
| 491 | 051 | 10269 | 561 | 53706 | 509 | 56785 | 400 | 57949 | 02 | 1 |
| 644 | 543 | 51545 | 400 | 67701 | 269 | 89926 | 159 | 20991 | 03 | 1 |
| 679 | 400 | 67719 | 269 | 89921 | 197 | 06999 | 101 | 67*** | 03 | 1 |
| 78 | | | | | | | | | | |
| 016 | | | | | | | | | | |
| 325 | | | | | | | | | | |
| 367 | 642 | 11921 | 608 | 09995 | 590 | 02991 | 510 | 56995 | 03 | 1 |
| 395 | 175 | 12992 | | | | | | | 03 | 1 |
| 501 | 400 | 67773 | 267 | 89982 | 139 | 20991 | 123 | 16998 | 03 | 1 |
| 525 | | | | | | | | | | |
| 741 | 672 | 556 | 435 | 65693 | 101 | 58*** | | | 04 | 1 |
| 806 | 400 | 70802 | 371 | 73808 | 355 | 75857 | 280 | 90990 | 03 | 1 |
| 972 | 602 | 01538 | 504 | 56748 | 400 | 67996 | 272 | 90990 | 03 | 1 |
| 91 | | | | | | | | | | |
| 066 | 602 | 53607 | 552 | 55672 | 530 | 57622 | 506 | 60732 | 03 | 1 |
| 115 | 696 | 09544 | 722 | 50654 | 480 | 58714 | 430 | 65775 | 03 | 1 |
| 182 | 619 | 07990 | 451 | 62771 | 400 | 69763 | 281 | 90983 | 03 | 1 |
| 215 | 252 | 90990 | 121 | 31991 | 101 | 58*** | | | 04 | 1 |
| 334 | | | | | | | | | | |
| 366 | 575 | 04628 | 490 | 51684 | 400 | 60993 | 245 | 83998 | 03 | 1 |
| 413 | | | | | | | | | | |
| 98 | | | | | | | | | | |
| 645 | 137 | 22994 | 076 | 15990 | 051 | 08994 | | | 03 | 8 |
| QLL | | OCEAN | STA | | | | | | | |
| 034 | 715 | 10603 | 281 | 90990 | 152 | 14999 | 098 | 15996 | 03 | 9 |
| 035 | 490 | 59254 | 425 | 65757 | 400 | 69824 | 373 | 73803 | 03 | 9 |
| 041 | 875 | 13110 | 785 | 09070 | 650 | 00520 | 635 | 51530 | 02 | 8 |
| 044 | 742 | 03549 | 648 | 00716 | 598 | 54990 | 576 | 53990 | 03 | 9 |
| 051 | 556 | 21110 | 428 | 98910 | 340 | 77740 | 197 | 23**0 | 02 | 2 |
| 053 | 856 | 12095 | 761 | 05037 | 722 | 04589 | 656 | 01682 | 03 | 9 |
| 055 | 573 | 61751 | 559 | 62716 | 400 | 80889 | 343 | 89959 | 03 | 9 |
| 062 | 120 | 50 0 | | | | | | | 02 | 2 |
| 063 | 862 | 05031 | 832 | 03014 | 802 | 03571 | 400 | 83952 | 03 | 9 |
| 134 | 837 | 07516 | 817 | 09562 | 769 | 12579 | 637 | 03653 | 03 | 9 |
| 144 | 903 | 13098 | 568 | 56601 | 410 | 71854 | | | 03 | 9 |
| 223 | 664 | 09 | 568 | 03 | 536 | 00000 | 429 | 57*** | 02 | 1 |
| 235 | | | | | | | | | | |
| 246 | 400 | 71754 | 190 | 06994 | | | | | 03 | 9 |
| 360 | 820 | 06002 | 752 | 04 | 688 | 51552 | 535 | 61688 | 02 | 5 |
| 01 | | | | | | | | | | |
| 001 | 745 | 00001 | 710 | 53531 | 691 | 52525 | 579 | 62621 | 03 | 8 |
| 030 | 466 | 75844 | 400 | 80899 | 340 | 90985 | 326 | 91**8 | 03 | 8 |
| 384 | 656 | 56594 | 621 | 54621 | 519 | 62728 | 493 | 66768 | 03 | 5 |
| 415 | 770 | 04017 | 644 | 52592 | 587 | 58633 | 568 | 57654 | 03 | 8 |
| 02 | | | | | | | | | | |
| 057 | 575 | 64673 | 559 | 63672 | 498 | 68713 | 478 | 69722 | 03 | 8 |
| 077 | 320 | 89999 | 200 | 09999 | 178 | 04992 | 104 | 97996 | 03 | 5 |
| 084 | 538 | 61746 | 291 | 96999 | 231 | 06998 | 215 | 07990 | 03 | 8 |
| 974 | 763 | 02545 | 729 | 01573 | 591 | 56668 | 554 | 60696 | 03 | 2 |
| 03 | | | | | | | | | | |
| 005 | 538 | 10050 | 238 | 33 0 | 218 | 30**0 | 190 | 34**0 | 02 | 2 |
| 026 | 538 | 17130 | 480 | 09040 | 276 | 57**0 | 211 | 37**0 | 02 | 2 |
| 171 | 510 | 09030 | 495 | 10030 | 469 | 07930 | 263 | 46**0 | 02 | 7 |
| 322 | | | | | | | | | | |
| 476 | | | | | | | | | | |
| 743 | 193 | 26 0 | 182 | 25 0 | 156 | 32**0 | 053 | 36**0 | 02 | 2 |
| 808 | 661 | 35230 | 620 | 34020 | 389 | 87**0 | 275 | 54**0 | 02 | 2 |
| 917 | 565 | 21140 | | | | | | | 02 | 2 |
| 953 | 639 | 34 0 | 600 | 27 0 | 545 | 24**0 | 160 | 12**0 | 03 | 2 |
| 04 | | | | | | | | | | |
| 202 | 875 | 04524 | 763 | 52588 | 724 | 55573 | 645 | 60669 | 03 | 1 |
| 231 | 570 | 63790 | 500 | 63990 | 400 | 78992 | 336 | 90990 | 09 | 1 |
| 270 | 535 | 65712 | 400 | 81901 | 348 | 90972 | 244 | 07997 | 09 | 1 |
| 06 | | | | | | | | | | |
| 180 | 550 | 63728 | 48 | 73801 | 434 | 74812 | 373 | 84929 | 03 | 5 |
| 260 | 920 | 13084 | 903 | 13074 | 822 | 08020 | 808 | 07010 | 03 | 8 |
| 447 | 634 | 55581 | 631 | 55598 | 550 | 60713 | 260 | 99**0 | 03 | 8 |
| 07 | | | | | | | | | | |
| 110 | 905 | 15115 | 825 | 10040 | 775 | 09022 | 705 | 05542 | 02 | 5 |
| 145 | 668 | 50535 | 618 | 54589 | 550 | 58616 | 668 | 69738 | 02 | 8 |
| 190 | 865 | 11051 | 823 | 11059 | 727 | 00521 | 661 | 53564 | 02 | 8 |
| 480 | 500 | 67754 | 464 | 70764 | 430 | 75837 | 264 | 03**4 | 02 | 8 |
| 510 | 895 | 14089 | 865 | 16110 | 830 | 14086 | 800 | 12060 | 02 | 5 |
| 645 | 660 | 52624 | 630 | 54647 | 611 | 54648 | 546 | 58674 | 02 | 8 |
| 08 | | | | | | | | | | |
| 509 | 400 | 73811 | 264 | 90923 | 145 | 12996 | | | 03 | 1 |
| 521 | 866 | 17565 | 832 | 19575 | 695 | 11619 | 400 | 15815 | 14 | 8 |
| 536 | 600 | 00697 | 472 | 62995 | 400 | 72992 | 122 | 13998 | 14 | 8 |
| 10 | | | | | | | | | | |
| 384 | 664 | 53554 | 624 | 57609 | 578 | 69625 | 400 | 78836 | 03 | 5 |
| 633 | 694 | 50575 | 670 | 52587 | 606 | 58712 | 587 | 58722 | 03 | 5 |
| 866 | 680 | 55763 | 400 | 78995 | 245 | 00996 | 225 | 00996 | 03 | 5 |
| 11 | | | | | | | | | | |
| 030 | 607 | 58651 | 567 | 62664 | 536 | 65723 | 509 | 66821 | 03 | 5 |
| 567 | 340 | 84996 | | | | | | | 04 | 5 |
| 16 | | | | | | | | | | |
| 596 | | | | | | | | | | |
| 17 | | | | | | | | | | |
| 606 | 666 | 68550 | 611 | 69300 | 610 | 62980 | 568 | 38940 | 02 | 8 |
| 42 | | | | | | | | | | |
| 182 | 136 | 15 | 113 | 17 | | | | | 15 | 8 |
| 339 | 359 | 71 | | | | | | | 15 | 8 |
| 475 | | | | | | | | | | |
| 867 | | | | | | | | | | |
| 909 | 567 | 0262 | | | | | | | 14 | 8 |
| 43 | | | | | | | | | | |
| 063 | 465 | 56 | 425 | 62 | 368 | 63*** | 326 | 70*** | 14 | 8 |
| 149 | | | | | | | | | | |
| 279 | 238 | 89 | | | | | | | 14 | 8 |
| 371 | | | | | | | | | | |
| 45 | | | | | | | | | | |
| 007 | 750 | 14070 | 650 | 08010 | 600 | 05600 | 550 | 01640 | 22 | 8 |
| 47 | | | | | | | | | | |
| 580 | 536 | 00701 | 424 | 60753 | 400 | 62664 | 380 | 65669 | 03 | 1 |
| 635 | 530 | 51694 | 400 | 65998 | 246 | 90990 | 153 | 14992 | 03 | 1 |
| 671 | 745 | 17083 | 705 | 13071 | 681 | 12058 | 660 | 09036 | 03 | 1 |
| 808 | 332 | 71799 | 310 | 72867 | 248 | 83995 | 140 | 07990 | 03 | 1 |
| 60 | | | | | | | | | | |
| 120 | 598 | 20099 | 518 | 59742 | 468 | 67786 | 460 | 65817 | 03 | 6 |
| 155 | 850 | 21066 | 782 | 17504 | 757 | 16544 | 734 | 14571 | 02 | 8 |
| 390 | 800 | 17051 | 763 | 13016 | 507 | 60705 | 430 | 67787 | 02 | 8 |
| 61 | | | | | | | | | | |
| 642 | 592 | 00603 | 540 | 55622 | 510 | 55687 | 484 | 58698 | 07 | 5 |

**JULY 24**

## RADIOSONDE AND RAWINSONDE DATA

| Index No. III | Station Name | 1000 mb. hhh | TTTTTddx | dd | ff | 850 mb. hhh | TTTTTddx | dd | ff | 700 mb. hhh | TTTTTddx | dd | ff | 500 mb. hhh | TTTTTddx | dd | ff | Hour GG | Code Type |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | BLOCK 62 | | | | | | | | | | | | | | | | | | |
| 366 | FAROUK | 070 | 20163 | 32 | 14 | 463 | 18 7 | 34 | 26 | 112 | 12**7 | 31 | 7 | 859 | 55**1 | 27 | 17 | 03 | 5 |
| | BLOCK 70 | | | | | | | | | | | | | | | | | | |
| 026 | BARROW | 039 | 00511 | 07 | 20 | 475 | 07604 | 08 | 17 | 993 | 01662 | 08 | 18 | 854 | 65799 | 08 | 22 | 03 | 1 |
| 133 | KOTZEBUE | 010 | 17145 | 32 | 10 | 461 | 09024 | 09 | 17 | 979 | 51572 | 09 | 19 | 832 | 68735 | 10 | 22 | 03 | 1 |
| 200 | NOME | 013 | 11104 | 27 | 11 | 454 | 05031 | 07 | 8 | 967 | 53554 | 10 | 16 | 814 | 70771 | 10 | 33 | 03 | 1 |
| 204 | GAMBELL | 022 | 06061 | | | 485 | 02011 | | | 966 | 56570 | | | 807 | 71770 | | | 03 | 1 |
| 219 | BETHEL | 016 | 10068 | 23 | 9 | 451 | 00509 | | | 957 | 56572 | | | 806 | 67990 | | | 03 | 1 |
| 231 | MCGRATH | 014 | | | | 455 | 03018 | 23 | 8 | 964 | 55578 | | | 810 | 69844 | | | 03 | 1 |
| 261 | FRBNKS WEEKS | 006 | | | | 449 | 06038 | 10 | 5 | 963 | 52561 | 08 | 21 | 815 | 67764 | 07 | 10 | 03 | 1 |
| 273 | ANCH MERRILL | 019 | 12101 | 22 | 5 | 459 | 03031 | 19 | 10 | 969 | 54547 | 20 | 10 | 811 | 70791 | 28 | 10 | 03 | 1 |
| 291 | NORTHWAY | 507 | | | | 448 | 11042 | 24 | 4 | *** | 51546 | | | 824 | 67702 | | | 03 | 1 |
| 316 | FORT RANDALL | 101 | 42 | | | | | | | *** | ***** | | | *** | ***** | | | 03 | 1 |
| 350 | KODIAK | 022 | 11095 | | | 459 | 04025 | | | 971 | 53607 | | | 822 | 63704 | | | 03 | 1 |
| 361 | YAKUTAT | 025 | 11081 | 11 | 3 | 463 | 04011 | 14 | 7 | 977 | 52554 | 15 | 17 | 831 | 66686 | 23 | 22 | 03 | 1 |
| 381 | JUNEAU | 019 | 17098 | 04 | 3 | 467 | 07026 | 15 | 13 | 982 | 51651 | 19 | 16 | 836 | 68791 | 19 | 21 | 03 | 1 |
| 398 | ANNETTE IS | 020 | 17111 | 18 | 5 | 470 | 08001 | 13 | 4 | 986 | 50579 | 18 | 4 | 842 | 66995 | 27 | 3 | 03 | 1 |
| 439 | AMCHITKA | 441 | 07069 | | | 479 | 08021 | | | *** | 01541 | | | 867 | 60999 | | | 03 | 1 |
| 454 | LONGVIEW | 034 | 08072 | 01 | 14 | 473 | 08022 | 33 | 14 | 993 | 02052 | 24 | 35 | 867 | 60718 | 26 | 43 | 03 | 1 |
| | BLOCK 72 | | | | | | | | | | | | | | | | | | |
| 202 | MIAMI | 065 | 26234 | 09 | 13 | 528 | 16118 | 12 | 13 | 065 | 09633 | 09 | 8 | 950 | 59650 | 15 | 9 | 03 | 1 |
| 208 | CHARLESTON | 067 | 25213 | 20 | 13 | 532 | 18181 | 06 | 2 | 069 | 09543 | 18 | 3 | 959 | 57732 | 17 | 16 | 03 | 1 |
| 211 | TAMPA | 069 | 25225 | 11 | 4 | 533 | 17123 | 14 | 19 | 068 | 07035 | 17 | 15 | 953 | 57597 | | | 03 | 1 |
| 219 | ATLANTA | 070 | | | | 534 | 18099 | 17 | 17 | 071 | 08501 | 16 | 21 | 954 | 58643 | 11 | 18 | 03 | 1 |
| 231 | NEW ORLEANS | 058 | 24222 | 13 | 13 | 521 | 17134 | 20 | 18 | 058 | 08032 | 22 | 12 | 946 | 56634 | 28 | 10 | 03 | 1 |
| 240 | LAKE CHARLES | 053 | 25222 | | | 516 | 17132 | | | 053 | 09002 | | | 939 | 57623 | | | 03 | 1 |
| 250 | BROWNSVILLE | 043 | 27231 | 10 | 16 | 506 | 18141 | 10 | 22 | 045 | 10003 | 10 | 10 | 936 | 56991 | 17 | 8 | 03 | 1 |
| 253 | SAN ANTONIO | 044 | | | | 513 | 19157 | 15 | 8 | 052 | 10001 | 14 | 6 | 943 | 55619 | 29 | 8 | 03 | 1 |
| 259 | FT WORTH | 043 | | | | 508 | 19147 | 16 | 10 | 048 | 08037 | 27 | 9 | 934 | 56588 | 02 | 9 | 03 | 1 |
| 265 | BIG SPRING | 030 | | | | 510 | 24087 | 16 | 18 | 054 | 09026 | 16 | 12 | 942 | 56680 | 14 | 4 | 03 | 1 |
| 270 | EL PASO | 025 | | | | 499 | 23136 | 13 | 17 | 044 | 10037 | 11 | 5 | 935 | 57609 | 23 | 2 | 03 | 1 |
| 278 | PHOENIX | 030 | | | | 501 | 21144 | 08 | 4 | 043 | 10054 | 35 | 13 | 934 | 56581 | | | 03 | 1 |
| 304 | HATTERAS | 064 | 26244 | 24 | 14 | 531 | 18131 | 29 | 10 | 070 | 08005 | 31 | 14 | 955 | 57732 | 29 | 10 | 03 | 1 |
| 317 | GREENSBORO | 065 | | | | 536 | 19147 | 28 | 6 | 074 | 08023 | 26 | 3 | 959 | 56748 | 24 | 6 | 03 | 1 |
| 327 | NASHVILLE | 061 | 27222 | 13 | 2 | 529 | 17139 | 15 | 19 | 067 | 08006 | 16 | 16 | 952 | 58771 | 15 | 15 | 03 | 1 |
| 340 | LITTLE ROCK | 052 | 25223 | 13 | 6 | 515 | 17151 | 14 | 10 | 052 | 09078 | 11 | 10 | 946 | 56641 | 14 | 3 | 03 | 1 |
| 353 | OKLAHOMA CTY | 042 | | | | 510 | 19149 | 16 | 12 | 050 | 09065 | 00 | | 942 | 55673 | 06 | 10 | 03 | 1 |
| 365 | ALBUQUERQUE | 021 | | | | 498 | | | | 043 | 10049 | 15 | 6 | 936 | 56598 | 10 | 9 | 03 | 1 |
| 386 | LAS VEGAS | 006 | | | | 486 | 26517 | 25 | 20 | 032 | 11522 | 19 | 20 | 922 | 56995 | 19 | 9 | 03 | 1 |
| 394 | SANTA MARIA | 040 | 12114 | 32 | 4 | 496 | 19033 | 29 | 4 | 033 | 08606 | 32 | 2 | 920 | 56990 | 23 | 12 | 03 | 1 |
| 405 | WASHINGTON | 060 | 26164 | | | 525 | 17101 | | | 063 | 11991 | | | 954 | 56649 | | | 03 | 1 |
| 445 | COLUMBIA | 050 | | | | 518 | 18151 | 16 | 12 | 056 | 09002 | 15 | 13 | 948 | 56642 | 09 | 9 | 03 | 1 |
| 451 | DODGE CITY | 033 | | | | 509 | 24164 | 16 | 25 | 056 | 12052 | 18 | 17 | 955 | 54629 | 13 | 10 | 03 | 1 |
| 476 | GRAND JUNC | 014 | | | | 490 | 25121 | 12 | 3 | 039 | 12065 | 25 | 6 | 932 | 56614 | 28 | 5 | 03 | 1 |
| 486 | ELY | 001 | | | | 479 | | | | 030 | 14999 | 21 | 21 | 924 | 56997 | | | 03 | 1 |
| 493 | OAKLAND | 041 | 14138 | 27 | 12 | 495 | 17033 | 28 | 10 | 030 | 08612 | 23 | 8 | 916 | 56997 | 25 | 18 | 03 | 1 |
| 506 | NANTUCKET | 047 | 20136 | 34 | 9 | 502 | 11029 | 32 | 20 | 024 | 05997 | 30 | 26 | 904 | 59994 | 29 | 38 | 03 | 1 |
| 518 | ALBANY | 056 | 18117 | 31 | 16 | 509 | 11501 | 30 | 14 | 035 | 05991 | 31 | 30 | 915 | 59999 | | | 03 | 1 |
| 520 | PITTSBURGH | 066 | | | | 524 | 18991 | 31 | 9 | 060 | 09561 | 34 | 16 | 944 | 56715 | | | 03 | 1 |
| 528 | BUFFALO | 065 | | | | 518 | 11014 | 31 | 18 | 050 | 06569 | 31 | 29 | 930 | 57725 | | | 03 | 1 |
| 534 | CHICAGO | 058 | 22192 | 13 | 6 | 523 | 18123 | 22 | 11 | 062 | 09001 | 23 | 9 | 953 | 57620 | | | 03 | 1 |
| 536 | TOLEDO | 066 | 21163 | 12 | 4 | 527 | 19579 | 24 | 4 | 065 | 08587 | 33 | 6 | 950 | 57678 | 28 | 17 | 03 | 1 |
| 553 | OMAHA | 041 | | | | 510 | 20101 | 19 | 23 | 050 | 10027 | | | 942 | 55628 | | | 03 | 1 |
| 562 | N PLATTE | 019 | | | | 496 | 25138 | 18 | 36 | 042 | 11047 | 22 | 20 | 938 | 56682 | 20 | 10 | 03 | 1 |
| 576 | LANDER | 506 | | | | 475 | | | | 032 | 16524 | 22 | 14 | 930 | 56995 | | | 03 | 1 |
| 597 | MEDFORD | 034 | | | | 489 | 11062 | 25 | 6 | 014 | 03674 | 24 | 29 | 881 | 64792 | 23 | 40 | 03 | 1 |
| 600 | SABLE ISLAND | 101 | 59 | | | | | | | *** | ***** | | | *** | ***** | | | 03 | 1 |
| 606 | PORTLAND | 049 | 19094 | 31 | 11 | 499 | 07017 | 32 | 29 | 017 | 03992 | 30 | 40 | 887 | 62992 | | | 03 | 1 |
| 655 | ST CLOUD | 031 | | | | 498 | 19144 | 21 | 35 | 040 | 10068 | 24 | 16 | 930 | 57993 | 25 | 18 | 03 | 1 |
| 681 | BOISE | 502 | | | | 474 | 27022 | 23 | 9 | 021 | 12584 | 24 | 34 | 904 | 62708 | | | 03 | 1 |
| 712 | CARIBOU | 030 | | | | 473 | 05002 | 31 | 58 | 986 | 50534 | | | 842 | 67786 | | | 03 | 1 |
| 734 | SAULT MARIE | 060 | | | | 515 | 16551 | 24 | 21 | 048 | 06018 | 27 | 20 | 926 | 60711 | 31 | 33 | 03 | 1 |
| 747 | INTL FALLS | 032 | | | | 499 | 18168 | 25 | 34 | 036 | 09995 | | | 916 | ***** | | | 03 | 1 |
| 764 | BISMARCK | 009 | | | | 482 | 23139 | 22 | 10 | 028 | 11555 | 29 | 15 | 911 | 59711 | 29 | 31 | 03 | 1 |
| 768 | GLASGOW | 014 | | | | 484 | 22105 | | | 027 | 10004 | | | 910 | 61991 | | | 05 | 1 |
| 775 | GREAT FALLS | 501 | | | | 477 | 24056 | 06 | 2 | 021 | 09518 | 21 | 9 | 902 | 63663 | 22 | 44 | 03 | 1 |
| 785 | SPOKANE | 014 | | | | 479 | 17057 | 23 | 11 | 010 | 03501 | 22 | 20 | 877 | 64801 | 21 | 34 | 03 | 1 |
| 798 | TATOOSH IS | 030 | 12111 | 10 | 10 | 471 | 04024 | 16 | 13 | 981 | 54577 | 17 | 10 | 822 | 72793 | 21 | 10 | 03 | 1 |
| 807 | ARGENTIA | 101 | 40 | | | | | | | *** | ***** | | | *** | ***** | | | 03 | 1 |
| 815 | STEPHENVILLE | 005 | 13124 | 22 | 12 | 448 | 05001 | 28 | 24 | 959 | 53541 | 21 | 15 | 812 | 65996 | 23 | 60 | 03 | 1 |
| 816 | GOOSE | 008 | | | | 452 | 05033 | 12 | 20 | 965 | 53533 | 11 | 27 | 819 | 68682 | 04 | 8 | 03 | 1 |
| 826 | NITCHEQUON | 018 | | | | 459 | 05052 | | | 973 | 51524 | | | 829 | 65737 | | | 03 | 1 |
| 836 | MOOSONEE | 047 | 17119 | | | 502 | 11056 | | | 022 | 00546 | | | *** | 62687 | | | 03 | 1 |
| 867 | THE PAS | 028 | | | | 486 | 13035 | | | 008 | 01592 | | | 876 | 62715 | | | 03 | 1 |
| 879 | EDMONTON | 017 | | | | 472 | 11067 | 12 | 7 | 994 | 00518 | 22 | 5 | 858 | 64664 | 25 | 17 | 03 | 1 |
| 896 | PRINCE GEORG | 020 | | | | 469 | 08043 | 08 | 7 | 986 | 51519 | 18 | 13 | 841 | 67714 | 19 | 11 | 03 | 1 |
| 906 | FT CHIMO | 030 | 04044 | 36 | 9 | 480 | 05560 | 36 | 14 | 972 | 53716 | 36 | 22 | 818 | 69711 | | | 09 | 1 |
| 907 | PORT HARRISN | 034 | 05045 | | | 469 | 03006 | | | 979 | 54644 | | | 827 | 67997 | | | 03 | 1 |
| 909 | UP FROBISHER | 029 | 07041 | 00 | | 471 | 07045 | 00 | | 984 | 54342 | 03 | 10 | 845 | 67838 | 00 | | 04 | 1 |
| 913 | CHURCHILL | 025 | 16117 | 16 | 12 | 467 | 08031 | 29 | 9 | 986 | 51626 | 29 | 8 | 840 | 66741 | 27 | 27 | 03 | 1 |
| 915 | CORAL HARBOR | 022 | 12087 | | | 466 | 04501 | | | 970 | 55576 | | | *** | ***** | | | 03 | 1 |
| 917 | EUREKA | 025 | 06010 | 24 | 4 | 456 | 53582 | 17 | 10 | 950 | 62650 | 20 | 18 | 774 | 76827 | 21 | 4 | 03 | 1 |
| 918 | ARCTIC BAY | 019 | 09057 | | | 450 | 01514 | | | 957 | 59603 | | | 784 | 76796 | | | 03 | 1 |
| 924 | RESOLUTE | 016 | 03018 | 11 | 18 | 446 | 50525 | 13 | 11 | 949 | 58608 | 16 | 12 | 778 | 74784 | 15 | 6 | 03 | 1 |
| 926 | BAKER LAKE | 101 | 59 | | | | | | | *** | ***** | | | *** | ***** | | | 03 | 1 |
| 934 | FT SMITH | 022 | | | | 472 | 08107 | | | 988 | 52613 | | | 841 | 68920 | | | 03 | 1 |
| 938 | COPPERMINE | 032 | 07024 | | | 459 | 53586 | | | 956 | 58679 | | | 823 | 71819 | | | 03 | 1 |
| 945 | FORT NELSON | 021 | | | | 474 | 11001 | | | 993 | 52599 | | | 884 | 66789 | | | 03 | 1 |
| 964 | WHITEHORSE | 001 | | | | 459 | 13501 | 19 | 13 | 982 | 00589 | 19 | 11 | 837 | 66788 | 19 | 18 | 03 | 1 |
| 968 | AKLAVIK | 036 | 11051 | | | 476 | 05007 | | | 991 | 00644 | | | 849 | 65786 | | | 03 | 1 |
| | BLOCK 74 | | | | | | | | | | | | | | | | | | |
| 043 | NORMAN WELLS | 028 | | | | 476 | 08012 | | | 992 | 51654 | | | 840 | 70812 | | | 03 | 1 |
| 072 | MOULD BAY | 032 | 03002 | | | 462 | 01526 | | | 966 | 56647 | | | 804 | 72782 | | | 03 | 1 |
| 074 | ISACHSEN | 025 | 02017 | | | 451 | 52576 | | | 952 | 57594 | | | 784 | 74811 | | | 03 | 1 |
| 090 | CLYDE RIVER | 021 | 08022 | 00 | | 464 | 06532 | 24 | 4 | 974 | 07658 | 23 | 5 | 814 | 65763 | 22 | 26 | 03 | 1 |
| 109 | PORT HARDY | 028 | 15121 | | | 472 | 07006 | | | 988 | 51566 | | | 813 | 65993 | | | 03 | 1 |
| 188 | MINGAN L PT | 001 | | | | 440 | 03014 | 03 | 39 | 948 | 54576 | 01 | 46 | 798 | 68761 | | | 09 | 1 |
| | BLOCK 76 | | | | | | | | | | | | | | | | | | |
| 458 | MAZATLAN | 031 | 29243 | | | 499 | 19144 | | | 040 | 10014 | | | 931 | 56714 | | | 02 | 1 |
| 491 | C VICTORIA | 030 | | | | 503 | 19146 | | | 039 | 07507 | | | 927 | 57992 | | | 02 | 1 |
| 644 | MERIDA | 050 | 28220 | | | 515 | 18103 | | | 051 | 09561 | | | 939 | ***** | | | 03 | 1 |
| 679 | TACUBAYA | 025 | | | | 495 | | | | 039 | 11054 | | | 930 | 56652 | | | 03 | 1 |
| | BLOCK 78 | | | | | | | | | | | | | | | | | | |
| 016 | KINDLEY FLD | 064 | 26204 | 28 | 6 | 527 | 17075 | 26 | 9 | 063 | 08555 | 31 | 5 | 950 | 59728 | 32 | 15 | 03 | 1 |
| 367 | GUANTANAMO | 026 | 27183 | | | 513 | 20504 | | | 048 | 07708 | | | 931 | 58712 | | | 03 | 1 |
| 395 | VERNAM FIELD | 045 | 25238 | 05 | 3 | 510 | 19067 | 09 | 24 | 048 | 09574 | 09 | 28 | 939 | 55997 | 09 | 15 | 05 | 1 |
| 525 | SAN JUAN | 053 | 23211 | 11 | 6 | 515 | 16154 | 12 | 32 | 050 | 06032 | 14 | 35 | *** | ***** | | | 03 | 1 |
| 741 | MANAGUA | 037 | 26219 | 07 | 8 | 505 | 19159 | 08 | 36 | 044 | 08566 | 08 | 34 | 928 | 58991 | 08 | 29 | 03 | 1 |
| 806 | ALBROOK FLD | 028 | 26231 | 35 | 6 | 492 | 17136 | 07 | 15 | 029 | 08003 | 08 | 15 | 913 | 58993 | 11 | 17 | 03 | 1 |
| | BLOCK 91 | | | | | | | | | | | | | | | | | | |
| 066 | MIDWAY ISL | 049 | 21197 | | | 507 | 12099 | | | 034 | 03007 | | | 904 | 60644 | | | 04 | 1 |
| 115 | IWO JIMA | 037 | | | | 498 | 16102 | 10 | 25 | 031 | 06527 | 08 | 15 | 912 | 40998 | 08 | 22 | 03 | 1 |
| 182 | HONOLULU | 044 | 23196 | 06 | 15 | 501 | 12102 | 09 | 17 | 033 | 12991 | 02 | 5 | 929 | 55996 | 31 | 5 | 03 | 1 |
| 215 | HARMON FLD | 013 | | | | 475 | 14126 | 22 | 35 | 006 | 05034 | 23 | 32 | 088 | 57597 | 23 | 21 | 03 | 1 |
| 366 | KWAJALEIN | 027 | 30244 | 07 | 1 | 495 | 20152 | 11 | 16 | 038 | 12084 | 11 | 18 | 940 | 52614 | 09 | 23 | 03 | 1 |
| | BLOCK 98 | | | | | | | | | | | | | | | | | | |
| 645 | CEBU | 022 | 28232 | | | 492 | 19153 | | | 032 | 11043 | | | 930 | 54591 | | | 03 | 8 |
| QLL | OCEAN STA | | | | | | | | | | | | | | | | | | |
| 034 | 0 355 400 | 065 | 23207 | 24 | 17 | 524 | 14002 | 22 | 12 | 056 | 07523 | 23 | 19 | 936 | 58732 | 26 | 21 | 03 | 9 |
| 035 | 0 340 520 | 062 | 24227 | 26 | 16 | 524 | 15059 | 21 | 17 | 058 | 08574 | 27 | 16 | 943 | 56718 | 32 | 19 | 03 | 9 |
| 037 | 0 360 700 | 061 | 26251 | 29 | 33 | 526 | 18164 | 30 | 23 | 065 | 09018 | 29 | 24 | 956 | 55719 | 34 | 31 | 03 | 9 |
| 041 | 0 450 160 | 199 | 11073 | | | 550 | 07005 | | | 118 | 51667 | | | 731 | 65794 | | | 02 | 8 |
| 044 | 0 450 450 | 025 | 14126 | 19 | 11 | 472 | 08087 | 23 | 11 | 991 | 01508 | 24 | 25 | 858 | 61738 | 28 | 44 | 03 | 9 |
| 051 | 0 538 187 | 007 | 55550 | | | 481 | 48480 | 19 | 33 | 001 | 38170 | 20 | 24 | 873 | 10090 | 22 | 35 | 02 | 2 |
| 053 | 0 527 355 | 503 | | | | 436 | 07055 | 24 | 30 | 956 | 02998 | 24 | 38 | 824 | 64781 | 24 | 23 | 03 | 9 |
| 055 | 0 565 510 | 021 | 05047 | 02 | 13 | 458 | 03501 | 03 | 18 | 966 | 56584 | 05 | 16 | 807 | 71782 | 01 | 5 | 03 | 9 |
| 062 | 0 600 200 | 028 | 53520 | | | 466 | 40370 | | | 985 | 36330 | | | 851 | 06030 | | | 02 | 7 |
| 063 | 0 620 330 | 016 | 09073 | | | 451 | 02017 | 07 | 28 | 964 | 52601 | 09 | 34 | 820 | 65685 | 09 | 18 | 03 | 9 |
| 134 | 1 300 400 | 061 | 18162 | 04 | 17 | 514 | 14561 | 05 | 19 | 043 | 06997 | 05 | 18 | 928 | 58994 | 08 | 19 | 03 | 9 |
| 144 | 1 490 480 | 068 | 13129 | 27 | 24 | 520 | 12089 | 30 | 29 | 048 | 05513 | 29 | 32 | 926 | 58997 | 28 | 30 | 03 | 9 |
| 223 | 2 291 352 | 038 | 26 | | | 944 | 17 | | | 032 | 12*** | | | 933 | 53*** | | | 02 | 1 |
| 235 | 2 386 525 | 034 | 22 | | | 391 | 17 | | | 026 | 11*** | | | 928 | 00*** | | | 03 | 1 |
| 246 | 2 440 650 | 033 | 14133 | 21 | 12 | 479 | 09064 | 23 | 16 | 003 | 02514 | | | 183 | ***** | | | 03 | 9 |
| 360 | 3 660 020 | 095 | 09091 | 24 | 12 | 440 | 02012 | 23 | 19 | 973 | 55591 | 23 | 15 | 529 | 73795 | 21 | 48 | 03 | 5 |
| **JULY 25** | | | | | | | | | | | | | | | | | | | |
| | BLOCK 01 | | | | | | | | | | | | | | | | | | |
| 001 | JAN MAYEN | 182 | 02016 | | | 500 | 51609 | | | 002 | 61655 | | | 582 | 76841 | | | 03 | 8 |
| 030 | TROMSO | 080 | 04043 | 30 | 12 | 480 | 52533 | 08 | 9 | 916 | 60612 | 08 | 5 | 426 | 75762 | | | 03 | 5 |
| 384 | GARDERMOEN | 134 | 99999 | | | 484 | 05009 | 51 | 26 | 076 | 53562 | | | 656 | 65674 | | | 03 | 5 |
| 415 | SOLA | 173 | 12111 | | | 530 | 04037 | | | 084 | 51562 | | | 708 | 65741 | | | 03 | 8 |
| | BLOCK 02 | | | | | | | | | | | | | | | | | | |
| 057 | LULEA KALLAS | 036 | 11109 | | | 390 | 04038 | | | 936 | 54551 | | | 506 | 71735 | | | 03 | 8 |
| 077 | STOCKHOLM | 074 | 15119 | 26 | 14 | 445 | 09038 | 24 | 16 | 019 | 51543 | 26 | 26 | 631 | 66672 | 25 | 29 | 04 | 5 |
| 084 | GOTEBORG | 112 | 17161 | | | 476 | 08046 | | | 070 | 02518 | | | 209 | 64663 | | | 03 | 8 |
| 974 | HELSINKI MAL | 082 | 15144 | | | 450 | 08531 | | | 028 | 51600 | | | 626 | 66738 | | | 03 | 8 |
| | BLOCK 03 | | | | | | | | | | | | | | | | | | |
| 005 | LERWICK | 049 | 52510 | 26 | 8 | 489 | 41106 | 28 | 13 | 007 | 34910 | 29 | 23 | 871 | 02710 | 28 | 32 | 02 | 2 |
| 026 | STORNOWAY | 046 | 57540 | | | | 50500 | 25 | 22 | 015 | 34330 | 24 | 21 | 489 | 11840 | 25 | 38 | 02 | 2 |
| 171 | LEUCHARS | 050 | 56550 | | | 495 | 49380 | | | 018 | 38150 | | | 888 | 10900 | | | 02 | 7 |
| 476 | DOWNHAM MKT | 156 | 65600 | 15 | 18 | 510 | 51500 | | | 033 | 38320 | | | *** | ***** | | | 02 | 2 |
| 743 | LARKHILL | 055 | 63580 | | | 511 | 55490 | 32 | 5 | 037 | 39150 | 29 | 9 | 903 | 15040 | 33 | 7 | 02 | 2 |
| 808 | CAMBORNE | 058 | 61600 | | | 509 | 55380 | | | 039 | 42190 | 22 | 11 | 924 | 21860 | 25 | 10 | 02 | 2 |
| 917 | ALDERGROVE | 057 | 58550 | | | 507 | 60320 | | | 033 | 39320 | | | 909 | 13848 | | | 02 | 8 |
| 953 | VALENTIA | 058 | 61 0 | | | 508 | 53 0 | | | 033 | 38**0 | | | 908 | 13**0 | | | 03 | 7 |
| | BLOCK 04 | | | | | | | | | | | | | | | | | | |
| 018 | KEFLAVIK | 016 | 10100 | 09 | 17 | 455 | 04048 | 13 | 28 | 969 | 01330 | | | 820 | 68724 | 14 | 23 | 03 | 1 |
| 202 | THULE | 034 | 10031 | 12 | 4 | 474 | 03514 | 14 | 7 | 994 | 55611 | 20 | 9 | 824 | 71758 | 18 | 19 | 03 | 1 |
| 231 | SOR STROMFRD | 028 | 10012 | 05 | 12 | 473 | 09512 | 20 | 7 | 092 | 52612 | 13 | 8 | 842 | 69970 | 71 | 66 | 03 | 1 |
| 270 | NARSSARSSUAK | 028 | 14504 | 10 | 43 | 470 | 05561 | 10 | 43 | 978 | 58621 | 36 | 9 | 820 | 68737 | 10 | 23 | 03 | 1 |
| | BLOCK 06 | | | | | | | | | | | | | | | | | | |
| 180 | KOBENHAVN | 143 | 13115 | 27 | 15 | 509 | 10010 | 28 | 27 | 095 | 01536 | 30 | 23 | 728 | 64682 | | | 03 | 5 |
| 260 | DE BILT | 173 | 18154 | | | 548 | 08047 | | | 133 | 01596 | | | 778 | 62726 | | | 03 | 8 |
| 447 | UCCLE | 164 | 17114 | | | 550 | 14093 | | | 156 | 03527 | | | 821 | 60662 | | | 03 | 8 |
| 610 | PAYERNE | 180 | | | | 530 | 10023 | 06 | 17 | 110 | 50595 | 04 | 10 | 730 | 63777 | 04 | 24 | 05 | 5 |
| | BLOCK 07 | | | | | | | | | | | | | | | | | | |
| 110 | BREST | 168 | 16168 | 04 | 8 | 555 | 13066 | 16 | 21 | 164 | 05553 | 26 | 12 | 841 | 59718 | 33 | 17 | 02 | 5 |
| 145 | TRAPPES | 168 | 18141 | | | 560 | 12102 | | | 163 | 02001 | | | 829 | 61651 | | | 02 | 8 |
| 190 | STRASBOURG | 159 | 13115 | | | 540 | 12043 | | | 133 | 52561 | | | 756 | 64764 | | | 02 | 8 |
| 480 | LYON | 133 | | | | 530 | 12011 | | | 108 | 00513 | | | 709 | 68793 | | | 02 | 8 |
| 510 | BORDEAUX | 167 | 18172 | | | 550 | 16051 | | | 169 | 02522 | | | 810 | 63741 | | | 02 | 5 |
| 645 | NIMES | 125 | 20178 | | | 520 | 12107 | | | 120 | 00525 | | | *** | ***** | | | 02 | 8 |
| | BLOCK 08 | | | | | | | | | | | | | | | | | | |
| 509 | LAGENS | 069 | 19176 | 20 | 3 | 524 | 15002 | 28 | 10 | 053 | 04547 | | | 933 | 58672 | 29 | 20 | 03 | 1 |
| 521 | FUNCHAL | 152 | 21155 | | | 551 | 16048 | | | 193 | 11613 | | | 904 | 56748 | | | 14 | 8 |
| 536 | PORTELA | 135 | 27154 | | | 544 | 19999 | | | 182 | 08644 | | | 895 | 57992 | | | 14 | 8 |
| | BLOCK 10 | | | | | | | | | | | | | | | | | | |
| 034 | SCHLESWIG | 056 | 57560 | 31 | 12 | 502 | 50410 | 28 | 12 | 025 | 35160 | 33 | 14 | *** | ***** | | | 02 | 2 |
| 122 | JEVER | 056 | 66550 | | | 508 | 55370 | 26 | 7 | 034 | 41200 | 34 | 5 | *** | 05000 | 31 | 79 | 02 | 2 |
| 338 | HANNOVER | 054 | 60540 | 01 | 9 | 504 | 51400 | 24 | 11 | 023 | 36150 | 33 | 6 | 894 | 18*** | | | 02 | 2 |
| 384 | TEMPELHOF | 158 | 17101 | 18 | 5 | 526 | 07047 | 26 | 9 | 093 | 53544 | 30 | 12 | 712 | 63999 | 36 | 12 | 03 | 5 |
| 419 | ISERLOHN | 058 | | | | 509 | 53 0 | 14 | 8 | 029 | 37**0 | 32 | 9 | 900 | 12**0 | 02 | 17 | 02 | 2 |
| 633 | WIESBADEN | 194 | 16117 | 10 | 9 | 557 | 11077 | 12 | 6 | 163 | 00543 | 05 | 6 | 806 | 62990 | 03 | 21 | 03 | 5 |
| 866 | MUNCHEN RIEM | 166 | 99999 | 99 | 99 | 533 | 10011 | 06 | 5 | 113 | 52561 | 06 | 3 | 721 | 65764 | 09 | 14 | 03 | 5 |
| | BLOCK 11 | | | | | | | | | | | | | | | | | | |
| 030 | TULLN | 164 | | | | 527 | 09071 | 36 | 16 | 110 | 51535 | 02 | 14 | 729 | 64738 | 35 | 7 | 03 | 5 |
| 567 | PRAHA KBELY | 166 | | | | 560 | 12085 | | | 128 | 52546 | | | 750 | 64672 | | | 05 | 5 |
| | BLOCK 16 | | | | | | | | | | | | | | | | | | |
| 596 | ORENDI | | | | | 498 | 66340 | 02 | 2 | *** | ***** | | | 013 | 09980 | | | 02 | 2 |

## RADIOSONDE AND RAWINSONDE DATA—Continued

| Index No. III | 300 mb hhh | TTTTTddx | dd | ff | 200 mb. hhh | TTTTTddx | dd | ff | 100 mb. hhh | TTTTTddx | dd | ff | Hour GG | Code Type |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 62 | | | | | | | | | | | | | | |
| 366 | 101 | 43 | | | | | | | | | | | 03 | 5 |
| 70 | | | | | | | | | | | | | | |
| 026 | 047 | 92998 | 08 | 33 | 912 | 08994 | 07 | 19 | | | | | 03 | 1 |
| 133 | 014 | 96990 | | | 889 | 93999 | | | 414 | 94993 | | | 03 | 1 |
| 200 | 984 | 97998 | 11 | 43 | 874 | 91998 | 08 | 9 | 403 | ***** | | | 05 | 1 |
| 204 | 969 | 91997 | | | 854 | 98992 | | | 379 | ***** | | | 03 | 1 |
| 219 | 003 | 88991 | | | 899 | 92990 | | | | | | | 03 | 1 |
| 231 | 991 | 93996 | | | 885 | 92995 | | | | | | | 03 | 1 |
| 261 | 998 | 95996 | | | 875 | 95998 | | | 392 | 94998 | | | 03 | 1 |
| 273 | 996 | 90992 | 29 | 59 | 892 | 94993 | 27 | 42 | 407 | ***** | | | 03 | 1 |
| 291 | 014 | 94993 | | | 887 | 95997 | | | 398 | 95998 | | | 03 | 1 |
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| 350 | 055 | 84991 | | | | | | | | | | | 03 | 1 |
| 361 | 024 | 94990 | 17 | 27 | 902 | 95999 | 29 | 38 | 408 | 97998 | | | 03 | 1 |
| 381 | | | | | | | | | | | | | | |
| 398 | 042 | 90993 | 32 | 53 | 909 | 05996 | 33 | 34 | 386 | ***** | | | 03 | 1 |
| 439 | | | | | | | | | | | | | | |
| 454 | 108 | 82882 | | | 007 | 02999 | | | | | | | 03 | 1 |
| 72 | | | | | | | | | | | | | | |
| 202 | 186 | 84959 | 07 | 18 | 065 | 07993 | 09 | 8 | | | | | 03 | 1 |
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| 219 | 197 | 82933 | | | 092 | 03999 | | | 484 | 21999 | | | 03 | 1 |
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| 253 | 196 | 82992 | 13 | 3 | 094 | | | | | | | | 03 | 1 |
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| 265 | 191 | 82998 | 15 | 8 | 087 | 04991 | 19 | 11 | 470 | 20998 | 11 | 35 | 03 | 1 |
| 270 | 184 | 82992 | | | | | | | | | | | 03 | 1 |
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| 304 | 198 | 82939 | 26 | 10 | 088 | 04997 | 19 | 24 | | | | | 03 | 1 |
| 317 | 196 | 86990 | 20 | 19 | 076 | 08991 | 04 | 9 | | | | | 03 | 1 |
| 327 | 193 | 83991 | 19 | 4 | 085 | 04997 | 03 | 4 | | | | | 03 | 1 |
| 340 | 190 | 81909 | 22 | 34 | 094 | | | | | | | | 03 | 1 |
| 353 | 192 | 81926 | 02 | 16 | 087 | 04994 | 04 | 7 | | | | | 03 | 1 |
| 365 | 185 | 82912 | 09 | 4 | 078 | 05998 | 10 | 6 | 460 | ***** | | | 03 | 1 |
| 386 | 166 | 83997 | | | | | | | | | | | 03 | 1 |
| 394 | 163 | 83990 | 19 | 30 | 054 | 03999 | 18 | 29 | 454 | 14999 | 23 | 13 | 03 | 1 |
| 405 | 202 | 82990 | | | 100 | 03995 | | | 482 | 22996 | | | 03 | 1 |
| 445 | 194 | 83922 | 03 | 8 | 086 | 05996 | 10 | 4 | | | | | 03 | 1 |
| 451 | 209 | 82933 | | | 105 | 04997 | | | 487 | 18992 | | | 03 | 1 |
| 476 | 180 | 82992 | 23 | 28 | 072 | 05998 | 24 | 17 | 459 | ***** | | | 03 | 1 |
| 486 | 168 | 82993 | | | 063 | 03996 | | | 456 | 17990 | | | 03 | 1 |
| 493 | | | | | | | | | | | | | 03 | 1 |
| 506 | 137 | 8 995 | | | 029 | 0 996 | | | 428 | 16993 | | | 03 | 1 |
| 518 | 144 | 86996 | | | 027 | 03999 | | | 434 | ***** | | | 03 | 1 |
| 520 | 191 | 82927 | | | 085 | 03993 | | | | | | | 03 | 1 |
| 528 | 163 | 85998 | | | | | | | | | | | 03 | 1 |
| 534 | 196 | 83914 | | | 088 | 05993 | | | 472 | ***** | | | 03 | 1 |
| 536 | 191 | 83906 | | | 079 | 06992 | | | 457 | 18993 | | | 03 | 1 |
| 553 | 191 | 82947 | | | 076 | 06993 | | | 461 | 19999 | | | 03 | 1 |
| 562 | 186 | 82997 | | | 078 | 05991 | | | 462 | 19993 | | | 03 | 1 |
| 576 | 173 | 85992 | | | 065 | 03991 | | | 461 | 17999 | | | 03 | 1 |
| 597 | 095 | 88989 | | | 976 | 00992 | | | 430 | 07992 | | | 03 | 1 |
| 600 | 101 | 59 | | | | | | | | | | | 03 | 1 |
| 606 | 096 | 87995 | | | 982 | 01999 | | | | | | | 03 | 1 |
| 655 | 172 | 82998 | 28 | 36 | 074 | 01993 | 29 | 55 | 475 | 14997 | 24 | 23 | 03 | 1 |
| 681 | 907 | 27106 | 33 | 8 | 895 | 31061 | | | 790 | 22553 | | | 03 | 1 |
| 712 | 028 | 95990 | | | 918 | 95992 | | | 410 | ***** | | | 03 | 1 |
| 734 | 158 | 87971 | 29 | 53 | 045 | 01993 | 30 | 91 | | | | | 03 | 1 |
| 747 | 101 | 50 | | | | | | | | | | | 03 | 1 |
| 764 | 149 | 84993 | | | 054 | 04991 | | | | | | | 03 | 1 |
| 768 | 101 | 58 | | | | | | | | | | | 05 | 1 |
| 775 | 114 | 90991 | | | 991 | 04990 | | | 417 | 09996 | | | 03 | 1 |
| 785 | 081 | 91992 | | | 961 | 97994 | | | | | | | 03 | 1 |
| 798 | 994 | 90992 | 26 | 6 | 897 | 93996 | 26 | 13 | | | | | 03 | 1 |
| 807 | 101 | 40 | | | | | | | | | | | 03 | 1 |
| 815 | 005 | 94999 | 23 | 34 | | | | | | | | | 03 | 1 |
| 816 | 008 | 94992 | 08 | 16 | 868 | 98998 | 06 | 2 | 366 | 98999 | 06 | 3 | 03 | 1 |
| 826 | 025 | 94991 | | | 889 | | | | | | | | 03 | 1 |
| 836 | 104 | 88937 | | | 985 | 98999 | | | 469 | 01992 | | | 03 | 1 |
| 867 | 095 | 87990 | | | 978 | 00999 | | | 480 | 04998 | | | 03 | 1 |
| 879 | 062 | 92995 | 21 | 40 | 929 | 02996 | 22 | 62 | | | | | 03 | 1 |
| 896 | 023 | 97992 | 14 | 15 | 891 | 97996 | 24 | 11 | | | | | 03 | 1 |
| 906 | 101 | 47 | | | | | | | | | | | 09 | 1 |
| 907 | 007 | 96994 | 26 | 90 | 099 | 4 | 36 | 10 | 099 | 1**** | | | 03 | 1 |
| 909 | 040 | 90992 | | | 915 | 05999 | | | | | | | 04 | 1 |
| 913 | 025 | 95992 | 27 | 26 | | | | | | | | | 03 | 1 |
| 915 | 101 | 50 | | | | | | | | | | | 03 | 1 |
| 917 | 928 | 92998 | 19 | 10 | 837 | 88996 | 11 | 8 | 388 | ***** | | | 03 | 1 |
| 918 | 930 | 00900 | | | 813 | 93997 | | | 340 | 93997 | | | 03 | 1 |
| 924 | 940 | 96996 | 10 | 2 | 826 | 91991 | 11 | 11 | | | | | 03 | 1 |
| 926 | 101 | 59 | | | | | | | | | | | 03 | 1 |
| 934 | 025 | 95995 | | | 895 | 97991 | | | 406 | 96991 | | | 03 | 1 |
| 938 | 009 | 90999 | | | 906 | 90919 | | | 457 | 89998 | | | 03 | 1 |
| 945 | 033 | 94999 | | | 909 | 97991 | | | 419 | 95996 | | | 03 | 1 |
| 964 | 101 | 50 | | | | | | | | | | | 03 | 1 |
| 968 | 052 | 90997 | | | 930 | 97996 | | | 456 | 92995 | | | 03 | 1 |
| 74 | | | | | | | | | | | | | | |
| 043 | 021 | 95996 | | | 885 | 98995 | | | 402 | 93998 | | | 03 | 1 |
| 072 | 976 | 97996 | | | 841 | 95996 | | | | | | | 03 | 1 |
| 074 | 946 | 95990 | | | 845 | 89990 | | | 398 | 10995 | | | 03 | 1 |
| 090 | 993 | 94997 | 21 | 36 | 843 | 00990 | 21 | 17 | 364 | 94990 | | | 03 | 1 |
| 109 | 047 | 91995 | | | 937 | 95990 | | | 484 | 96998 | | | 03 | 1 |
| 188 | 977 | 96994 | | | 846 | 98999 | | | | | | | 09 | 1 |
| 76 | | | | | | | | | | | | | | |
| 458 | 177 | 83911 | | | 067 | 06996 | | | 425 | ***** | | | 02 | 1 |
| 491 | 174 | 82998 | | | 066 | 05993 | | | | | | | 02 | 1 |
| 644 | 183 | 83939 | | | 073 | 06993 | | | 428 | 24993 | | | 03 | 1 |
| 679 | 175 | 84873 | | | 061 | 07993 | | | | | | | 03 | 1 |
| 78 | | | | | | | | | | | | | | |
| 016 | 101 | 50 | | | | | | | | | | | 03 | 1 |
| 367 | 101 | 43 | | | | | | | | | | | 05 | 1 |
| 395 | 178 | 85991 | 11 | 9 | 064 | 04997 | 11 | 15 | | | | | 03 | 1 |
| 525 | | | | | | | | | | | | | | |
| 741 | 101 | 43 | | | | | | | | | | | 03 | 1 |
| 806 | 110 | 89995 | 12 | 28 | 977 | 11995 | 17 | 9 | | | | | 03 | 1 |
| 91 | | | | | | | | | | | | | | |
| 066 | | | | | | | | | | | | | | |
| 115 | 199 | 87990 | 06 | 47 | | | | | 654 | ***** | | | 03 | 1 |
| 182 | 171 | 85990 | 28 | 16 | 054 | 07995 | 24 | 24 | 440 | 18991 | 08 | 3 | 03 | 1 |
| 215 | 132 | 02810 | 23 | 34 | 030 | 03991 | 23 | 25 | | | | | 03 | 1 |
| 366 | 216 | 76998 | 09 | 18 | 132 | 98999 | 35 | 6 | | | | | 03 | 1 |
| 98 | | | | | | | | | | | | | | |
| 645 | 195 | 78832 | | | 106 | 00997 | | | | | | | 03 | 8 |
| QLL | | OCEAN | STA | | | | | | | | | | | |
| 034 | 170 | 85996 | 24 | 10 | 056 | 05998 | | | 442 | 17995 | | | 03 | 9 |
| 035 | 186 | 83901 | | | 076 | 04998 | | | 445 | ***** | | | 03 | 9 |
| 037 | 206 | 82996 | 29 | 24 | 098 | 04994 | | | | | | | 03 | 9 |
| 041 | 378 | 94990 | | | 991 | 09997 | | | 273 | 13997 | | | 02 | 8 |
| 044 | 075 | 89999 | 27 | 78 | 960 | 02993 | | | | | | | 03 | 9 |
| 051 | 089 | 62530 | 20 | 64 | 960 | 26 0 | 21 | 61 | | | | | 02 | 2 |
| 053 | 039 | 89926 | 24 | 35 | 915 | 98992 | 23 | 43 | 408 | 00990 | 23 | 23 | 03 | 9 |
| 055 | 979 | 95997 | 34 | 21 | 856 | 96997 | 24 | 30 | 361 | ***** | | | 03 | 9 |
| 062 | 062 | 61410 | | | 932 | 35 0 | | | | | | | 02 | 7 |
| 063 | 015 | 92999 | 11 | 13 | 886 | 97993 | | | 394 | 97996 | | | 03 | 9 |
| 134 | 158 | 87997 | | | 043 | 03997 | | | | | | | 03 | 9 |
| 144 | 163 | 85994 | 30 | 23 | 045 | 09992 | | | 453 | 09994 | | | 03 | 9 |
| 223 | 210 | 73 | | | 145 | 92 | | | | | | | 02 | 1 |
| 235 | 221 | 68 | | | 175 | 87 | | | 624 | 04*** | | | 03 | 1 |
| 246 | 101 | 50 | | | | | | | | | | | 03 | 9 |
| 360 | 907 | 91962 | 21 | 43 | 184 | 90992 | 22 | 19 | | | | | 03 | 5 |
| **JULY 25** | | | | | | | | | | | | | | |
| 01 | | | | | | | | | | | | | | |
| 001 | 909 | 97996 | | | | | | | | | | | 03 | 8 |
| 030 | 893 | 02 4 | | | 160 | 93 4 | | | | | | | 03 | 5 |
| 384 | 930 | 92958 | | | 192 | 01990 | | | 646 | 00997 | | | 03 | 5 |
| 415 | 937 | 92018 | | | 200 | 03992 | | | 652 | 99999 | | | 03 | 8 |
| 02 | | | | | | | | | | | | | | |
| 057 | 911 | 92991 | | | 182 | 91999 | | | | | | | 03 | 8 |
| 077 | 928 | 92994 | | | | | | | | | | | 04 | 5 |
| 084 | 101 | 43 | | | | | | | | | | | 03 | 8 |
| 974 | 268 | 91993 | | | 903 | 09999 | | | | | | | 03 | 8 |
| 03 | | | | | | | | | | | | | | |
| 005 | 084 | 62350 | 28 | 69 | | | | | | | | | 02 | 2 |
| 026 | | 63560 | 25 | 41 | | | | | | | | | 02 | 2 |
| 171 | 107 | 62 0 | | | 979 | 29 0 | | | 426 | 37**0 | | | 02 | 7 |
| 476 | 101 | 43 | | | | | | | | | | | 02 | 1 |
| 743 | 146 | 67550 | 32 | 18 | | | | | | | | | 02 | 2 |
| 808 | 168 | 72540 | 27 | 15 | 063 | 36 0 | 26 | 24 | 506 | 33**0 | | | 02 | 2 |
| 917 | 132 | 64410 | | | | | | | | | | | 02 | 8 |
| 953 | 130 | 61 0 | | | 002 | 38 0 | | | 446 | 33**0 | | | 03 | 7 |
| 04 | | | | | | | | | | | | | | |
| 018 | 007 | 93991 | | | | | | | | | | | 03 | 1 |
| 202 | 000 | 96990 | 19 | 33 | 862 | 98994 | 19 | 25 | 377 | ***** | | | 03 | 1 |
| 231 | | | | | | | | | | | | | | |
| 270 | 006 | 94990 | 13 | 4 | 868 | 01990 | 12 | 2 | | | | | 03 | 1 |
| 06 | | | | | | | | | | | | | | |
| 180 | 939 | 91999 | | | 200 | 13994 | | | | | | | 03 | 5 |
| 260 | 949 | 89 | | | | | | | | | | | 03 | 8 |
| 447 | 584 | 83880 | | | 319 | 02 2 | | | 741 | 00**3 | | | 03 | 8 |
| 610 | 415 | 90991 | 04 | 45 | 100 | 01 7 | | | | | | | 05 | 5 |
| 07 | | | | | | | | | | | | | | |
| 110 | 957 | 88961 | 35 | 19 | 225 | | 32 | 18 | 655 | 11**0 | 35 | 5 | 02 | 5 |
| 145 | 956 | 85891 | | | 226 | 05 6 | | | 658 | 08**1 | | | 02 | 8 |
| 190 | 942 | 92 1 | | | 208 | 04 0 | | | 656 | 02**7 | | | 02 | 8 |
| 480 | 936 | 93 4 | | | 199 | 03 0 | | | 644 | 05**4 | | | 02 | 8 |
| 510 | 950 | 89001 | | | | | | | | | | | 02 | 5 |
| 645 | 101 | 43 | | | | | | | | | | | 02 | 8 |
| 08 | | | | | | | | | | | | | | |
| 509 | 171 | 84929 | 30 | 4 | 059 | 04996 | 06 | 8 | | | | | 03 | 1 |
| 521 | 971 | 80925 | | | 247 | 98994 | | | | | | | 14 | 8 |
| 536 | 964 | 88998 | | | 233 | 04992 | | | | | | | 14 | 8 |
| 10 | | | | | | | | | | | | | | |
| 034 | 112 | 63450 | 33 | 33 | 986 | 26 0 | 33 | 35 | 421 | 39**0 | 33 | 8 | 02 | 2 |
| 122 | 141 | 68510 | 32 | 45 | 021 | | 32 | 39 | | | | | 08 | 2 |
| 338 | 113 | 64440 | 01 | 31 | 992 | 31 0 | 01 | 31 | 437 | 33**0 | 33 | 11 | 02 | 2 |
| 384 | 938 | 91992 | 01 | 99 | 803 | 07993 | 01 | 36 | | | | | 03 | 5 |
| 419 | 119 | 61 0 | 03 | 38 | 986 | 25 0 | 03 | 46 | 426 | 34**0 | 09 | 12 | 02 | 2 |
| 633 | 953 | 87999 | 04 | 52 | 821 | 06992 | 04 | 74 | | | | | 03 | 5 |
| 866 | 937 | 92990 | 09 | 37 | | | | | | | | | 03 | 5 |
| 11 | | | | | | | | | | | | | | |
| 030 | 942 | 90 0 | 05 | 23 | 207 | 01 1 | 08 | 24 | | | | | 03 | 5 |
| 567 | 942 | 90995 | | | 208 | 06996 | | | | | | | 05 | 5 |
| 16 | | | | | | | | | | | | | | |
| 596 | 134 | 66530 | | | 089 | 42 0 | | | 481 | 16**0 | | | 02 | 2 |

## RADIOSONDE AND RAWINSONDE DATA. SIGNIFICANT LEVELS

| Index No. III | 1st. 5th. etc. Level PPP | TTTTTddx | 2nd. 6th. etc. Level PPP | TTTTTddx | 3rd. 7th. etc. Level PPP | TTTTTddx | 4th. 8th. etc. Level PPP | TTTTTddx | Hour GG | Code Type |
|---|---|---|---|---|---|---|---|---|---|---|
| 62 | | | | | | | | | | |
| 366 | 000 | 20163 | 940 | 18156 | 864 | 18564 | 821 | 19**1 | 03 | 5 |
| 70 | | | | | | | | | | |
| 026 | 014 | 00007 | 975 | 51534 | 935 | 07025 | 896 | 08594 | 03 | 1 |
| 133 | 003 | 17146 | 954 | 17071 | 400 | 80854 | 338 | 90942 | 03 | 1 |
| 200 | 004 | 11107 | 894 | 07060 | 534 | 66686 | 457 | 75848 | 05 | 1 |
| 204 | 007 | 06061 | 613 | 63661 | 586 | 63707 | 400 | 84916 | 03 | 1 |
| 219 | 005 | 11075 | 750 | 54559 | 745 | 53545 | 679 | 57594 | 03 | 1 |
| 231 | 993 | 13114 | 744 | 52533 | 650 | 57622 | 602 | 60648 | 03 | 1 |
| 261 | 986 | 15133 | 400 | 80895 | 335 | 90983 | 269 | 00999 | 03 | 1 |
| 273 | 002 | 12105 | 798 | 00001 | 615 | 61635 | 582 | 62686 | 03 | 1 |
| 291 | 939 | 17101 | 740 | 01506 | 643 | 55632 | 620 | 56629 | 03 | 1 |
| 316 | | | | | | | | | | |
| 350 | 006 | 11107 | 862 | 05054 | 761 | 51525 | 746 | 51522 | 03 | 1 |
| 361 | 008 | 11089 | 923 | 05034 | 400 | 78827 | 325 | 90932 | 03 | 1 |
| 381 | 006 | 18101 | 831 | 05027 | 745 | 01617 | 438 | 75801 | 03 | 1 |
| 398 | 003 | 16116 | 990 | 18094 | 526 | 64791 | 400 | 77995 | 03 | 1 |
| 439 | 007 | 07069 | 966 | 06053 | 928 | 07064 | 894 | 07031 | 03 | 1 |
| 454 | 012 | 09081 | 970 | 05054 | 920 | 08063 | 718 | 02523 | 03 | 1 |
| 72 | | | | | | | | | | |
| 202 | 022 | 27238 | 917 | 19178 | 747 | 12502 | 730 | 10014 | 03 | 1 |
| 208 | 022 | 24234 | 985 | 25211 | 896 | 21134 | 632 | 05682 | 03 | 1 |
| 211 | 023 | 23221 | 744 | 10057 | 400 | 68703 | 266 | 90983 | 03 | 1 |
| 219 | 990 | 21209 | 968 | 21194 | 937 | 23178 | 899 | 22093 | 03 | 1 |
| 231 | 020 | 25232 | 400 | 67715 | 375 | 70732 | | | 03 | 1 |
| 240 | 018 | 25233 | 990 | 25222 | 680 | 03531 | 578 | 50657 | 03 | 1 |
| 250 | 014 | 28833 | 931 | 22204 | 630 | 05593 | 620 | 03557 | 03 | 1 |
| 253 | 988 | 29221 | 981 | 29201 | 790 | 15103 | 753 | 14013 | 03 | 1 |
| 259 | 995 | 25227 | 957 | 23215 | 816 | 22152 | 730 | 10085 | 03 | 1 |
| 265 | 928 | 29129 | 912 | 30088 | 606 | 00538 | 565 | 51561 | 03 | 1 |
| 270 | 882 | 26150 | 752 | 14094 | 480 | 59629 | 477 | 59621 | 03 | 1 |
| 278 | 973 | 26186 | 897 | 24165 | 586 | 50536 | 442 | 61631 | 03 | 1 |
| 304 | 022 | 26247 | 983 | 27222 | 888 | 19161 | 732 | 11014 | 03 | 1 |
| 317 | 992 | 26231 | 974 | 29215 | 663 | 05502 | 592 | 50652 | 03 | 1 |
| 327 | 001 | 26229 | 986 | 29224 | 608 | 00611 | 588 | 00657 | 03 | 1 |
| 340 | 009 | 25234 | 538 | 51656 | 476 | 59654 | 440 | 62688 | 03 | 1 |
| 353 | 971 | 26205 | 532 | 52588 | 400 | 66767 | 358 | 72796 | 03 | 1 |
| 365 | 840 | 23124 | 825 | 22114 | 400 | 67731 | 355 | 72801 | 03 | 1 |
| 386 | 932 | 34532 | 918 | 34990 | 882 | 29508 | 635 | 03577 | 03 | 1 |
| 394 | 006 | 13116 | 992 | 11117 | 968 | 13125 | 930 | 19041 | 03 | 1 |
| 405 | 018 | 26198 | 964 | 26082 | 836 | 16101 | 823 | 16595 | 03 | 1 |
| 445 | 990 | 26227 | 975 | 28212 | 563 | 50585 | 522 | 53669 | 03 | 1 |
| 451 | 926 | 25207 | 905 | 28199 | 606 | 05533 | 568 | 03671 | 03 | 1 |
| 476 | 852 | 25121 | 843 | 26115 | 653 | 07033 | 536 | 53611 | 03 | 1 |
| 486 | 808 | 21543 | 797 | 24536 | 661 | 10631 | 548 | 52717 | 03 | 1 |
| 493 | 014 | 15136 | 961 | 12128 | 938 | 14134 | 914 | 18112 | 03 | 1 |
| 506 | 015 | 19175 | 988 | 21104 | 858 | 12046 | 805 | 09643 | 03 | 1 |
| 518 | 010 | 19128 | 979 | 17095 | 908 | 15066 | 798 | 09616 | 03 | 1 |
| 520 | 979 | 21135 | 966 | 21119 | 907 | 18111 | 894 | 17065 | 03 | 1 |
| 528 | 997 | 18154 | 854 | 11012 | 827 | 13583 | 784 | 13536 | 03 | 1 |
| 534 | 000 | 22192 | 975 | 25201 | 657 | 06655 | 555 | 51652 | 03 | 1 |
| 536 | 001 | 20169 | 982 | 23171 | 896 | 18131 | 880 | 19578 | 03 | 1 |
| 553 | 980 | 27235 | 878 | 20168 | 663 | 08544 | 620 | 04551 | 03 | 1 |
| 562 | 916 | 27168 | 898 | 28154 | 726 | 13087 | 618 | 06606 | 03 | 1 |
| 576 | 827 | 24026 | 810 | 28507 | 566 | 50584 | 530 | 54647 | 03 | 1 |
| 597 | 966 | 20106 | 770 | 06045 | 725 | 04655 | 672 | 02686 | 03 | 1 |
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| 606 | 015 | 18104 | 992 | 19097 | 793 | 02526 | 778 | 02553 | 03 | 1 |
| 655 | 975 | 26209 | 969 | 26217 | 805 | 18085 | 768 | 15108 | 03 | 1 |
| 681 | 483 | 64738 | 457 | 65818 | 423 | 70833 | | | 03 | 1 |
| 712 | 988 | 10077 | 978 | 14063 | 945 | 13033 | 763 | 50513 | 03 | 1 |
| 734 | 996 | 14184 | 970 | 18115 | 938 | 18081 | 893 | 16082 | 03 | 1 |
| 747 | 971 | 24204 | 960 | 25205 | 833 | 17159 | 794 | 15122 | 03 | 1 |
| 764 | 948 | 26159 | 940 | 27157 | 884 | 25163 | 572 | 58642 | 03 | 1 |
| 768 | 934 | 25114 | 923 | 26121 | 548 | 56605 | 466 | 65682 | 05 | 1 |
| 775 | 882 | 26085 | 879 | 23075 | 470 | 66695 | 400 | 73813 | 03 | 1 |
| 785 | 926 | 24078 | 593 | 55598 | 568 | 56726 | 400 | 75894 | 03 | 1 |
| 798 | 007 | 12112 | 595 | 62655 | 400 | 84924 | 364 | 89962 | 03 | 1 |
| 807 | | | | | | | | | | |
| 815 | 001 | 13120 | 818 | 03521 | 635 | 57715 | 582 | 60996 | 03 | 1 |
| 816 | 998 | 12109 | | 34546 | | 54**4 | 400 | 79792 | 03 | 1 |
| 826 | 946 | 08076 | 885 | 04032 | 840 | 06053 | 602 | 57598 | 03 | 1 |
| 836 | 016 | 15113 | 973 | 19119 | 746 | 03502 | 685 | 00554 | 03 | 1 |
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| 879 | 931 | 16133 | 908 | 16125 | 400 | 75776 | 256 | 01991 | 03 | 1 |
| 896 | 930 | 14135 | 650 | 54543 | 400 | 80892 | 342 | 90971 | 03 | 1 |
| 906 | 004 | 04035 | 992 | 04005 | 954 | 99517 | 911 | 09521 | 09 | 1 |
| 907 | 010 | 05041 | 950 | 05057 | 740 | 51569 | 667 | 54707 | 03 | 1 |
| 909 | 007 | 06047 | 000 | 11042 | 771 | 01007 | 636 | 58592 | 04 | 1 |
| 913 | 007 | 17113 | 952 | 14072 | 923 | 13065 | 762 | 01531 | 03 | 1 |
| 915 | 001 | 12087 | 904 | 06016 | 756 | 52547 | 664 | 57612 | 03 | 1 |
| 917 | 009 | 03008 | 994 | 07018 | 960 | 05504 | 772 | 59628 | 03 | 1 |
| 918 | 004 | 09054 | 984 | 10057 | 840 | 02502 | 654 | 72548 | 03 | 1 |
| 924 | 004 | 04012 | 921 | 01512 | 882 | 01554 | 400 | 85884 | 03 | 1 |
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| 934 | 983 | 18088 | 942 | 15088 | 833 | 07005 | 637 | 55684 | 03 | 1 |
| 938 | 012 | 08041 | 780 | 58621 | 679 | 60614 | 648 | 61714 | 03 | 1 |
| 945 | 965 | 20091 | 928 | 18041 | 752 | 01549 | 556 | 63745 | 03 | 1 |
| 964 | 923 | 18037 | 750 | 05515 | 725 | 03575 | 614 | 57622 | 03 | 1 |
| 968 | 012 | 11059 | 911 | 04502 | 864 | 05548 | 836 | 05539 | 03 | 1 |
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| 043 | 999 | 19083 | 764 | 02580 | 717 | 50693 | 675 | 53598 | 03 | 1 |
| 072 | 010 | 04015 | 974 | 50524 | 935 | 03018 | 881 | 00526 | 03 | 1 |
| 074 | 006 | 03011 | 928 | 51523 | 912 | 50537 | 862 | 53581 | 03 | 1 |
| 090 | 007 | 07023 | 975 | 12006 | 890 | 08526 | 767 | 00552 | 03 | 1 |
| 109 | 008 | 16123 | 978 | 13111 | 955 | 13103 | 905 | 09085 | 03 | 1 |
| 188 | 998 | 10086 | 694 | 54597 | 677 | 54597 | 540 | 63724 | 09 | 1 |
| 76 | | | | | | | | | | |
| 458 | 009 | 30243 | 810 | 18081 | 753 | 13066 | 648 | 06505 | 02 | 1 |
| 491 | 974 | 31217 | 909 | 24162 | 763 | 12101 | 728 | 06043 | 02 | 1 |
| 644 | 014 | 27228 | 878 | 20202 | 818 | 15101 | 738 | 10548 | 03 | 1 |
| 679 | 775 | 15106 | 751 | 15069 | 611 | 02007 | 572 | 51555 | 03 | 1 |
| 78 | | | | | | | | | | |
| 016 | 022 | 27270 | 794 | 14005 | 726 | 10568 | 655 | 05554 | 03 | 1 |
| 367 | 013 | 28192 | 922 | 21143 | 876 | 19084 | 869 | 20064 | 03 | 1 |
| 395 | 012 | 25247 | 980 | 24830 | 800 | 16339 | 759 | 14518 | 05 | 1 |
| 525 | 017 | 23224 | | | | | | | 03 | 1 |
| 741 | 006 | 27213 | 808 | 17143 | 763 | 15058 | 668 | 07611 | 03 | 1 |
| 806 | 009 | 26234 | 768 | 13147 | 638 | 02526 | 618 | 02536 | 03 | 1 |
| 91 | | | | | | | | | | |
| 066 | 106 | 22192 | 955 | 20173 | 826 | 10078 | 806 | 10070 | 04 | 1 |
| 115 | 000 | 28257 | | | 433 | 66991 | 400 | 71767 | 03 | 1 |
| 182 | 015 | 24206 | 764 | 09081 | 755 | 04011 | 744 | 09003 | 03 | 1 |
| 215 | 998 | 26232 | 895 | 17170 | 770 | 10042 | 401 | 16699 | 03 | 1 |
| 366 | 009 | 31291 | 958 | 26216 | 825 | 19132 | 810 | 19071 | 03 | 1 |
| 98 | | | | | | | | | | |
| 645 | 003 | 28234 | 892 | 20197 | 438 | 60661 | 251 | 87985 | 03 | 8 |
| QLL | | OCEAN | STA | | | | | | | |
| 034 | 022 | 25212 | 820 | 12074 | 802 | 13005 | 784 | 12552 | 03 | 9 |
| 035 | 021 | 26232 | 882 | 17135 | 838 | 16035 | 821 | 14058 | 03 | 9 |
| 037 | 020 | 27252 | 986 | 25254 | 918 | 20199 | 911 | 22203 | 03 | 9 |
| 041 | 236 | 20157 | 959 | 08063 | 860 | 08003 | 748 | 01537 | 02 | 8 |
| 044 | 008 | 14138 | 950 | 13083 | 792 | 04023 | 762 | 03522 | 03 | 9 |
| 051 | 013 | 57560 | | | 735 | 35160 | 724 | 39170 | 02 | 2 |
| 053 | 998 | 10095 | 897 | 05051 | 863 | 07069 | 796 | 05021 | 03 | 9 |
| 055 | 007 | 07052 | 978 | 04038 | 957 | 04013 | 939 | 06037 | 03 | 9 |
| 062 | 010 | 53530 | 780 | 34250 | 758 | 40360 | 420 | 91850 | 02 | 7 |
| 063 | 005 | 09087 | 931 | 04045 | 889 | 05051 | 875 | 03023 | 03 | 9 |
| 134 | 021 | 19176 | 913 | 13124 | 861 | 14538 | 831 | 13594 | 03 | 9 |
| 144 | 024 | 12128 | 992 | 15141 | 884 | 14135 | 812 | 11023 | 03 | 9 |
| 223 | 013 | 27 | 941 | 21 | 809 | 16*** | 789 | 16*** | 02 | 1 |
| 235 | 012 | 23 | 619 | 07 | 323 | 59*** | 147 | 06*** | 03 | 1 |
| 246 | 011 | 44144 | 940 | 12124 | 760 | 06512 | 631 | 51579 | 03 | 9 |
| 360 | 012 | 09098 | 930 | 06061 | 905 | 06051 | 779 | 53532 | 03 | 5 |
| **JULY 25** | | | | | | | | | | |
| 01 | | | | | | | | | | |
| 001 | 021 | 06038 | 997 | 01506 | 940 | 50543 | 880 | 01563 | 03 | 8 |
| 030 | 008 | 08049 | 882 | 50527 | 612 | 65651 | 538 | 72748 | 03 | 5 |
| 384 | 992 | 12068 | 984 | 13069 | 798 | 03518 | 763 | 00550 | 03 | 5 |
| 415 | 018 | 13115 | 950 | 10092 | 898 | 05057 | 793 | 03003 | 03 | 8 |
| 02 | | | | | | | | | | |
| 057 | 004 | 12103 | 829 | 03015 | 797 | 00507 | 764 | 98993 | 03 | 8 |
| 077 | 006 | 16124 | 936 | 11111 | 880 | 11067 | 469 | 67707 | 04 | 5 |
| 084 | 013 | 17134 | 804 | 05027 | 784 | 08032 | 721 | 03512 | 03 | 8 |
| 974 | 004 | 15145 | 974 | 17092 | 918 | 14031 | 801 | 07560 | 03 | 8 |
| 03 | | | | | | | | | | |
| 005 | 008 | 51510 | | | | | | | 02 | 2 |
| 026 | 015 | 58560 | | | | | | | 02 | 2 |
| 171 | 018 | 48470 | 992 | 59570 | 872 | 46450 | 839 | 51380 | 02 | 7 |
| 476 | | | | | | | | | | |
| 743 | 004 | 62580 | | | | | | | 02 | 2 |
| 808 | 010 | 62610 | 980 | 59580 | 935 | 62460 | 668 | 42960 | 02 | 2 |
| 917 | | | | | | | | | | |
| 953 | 019 | 62 0 | 986 | 55 0 | 885 | 55**0 | 750 | 41**0 | 03 | 7 |
| 04 | | | | | | | | | | |
| 018 | 000 | 10100 | 400 | 79847 | 328 | 90942 | 252 | 00990 | 03 | 1 |
| 202 | 008 | 09039 | 982 | 10016 | 740 | 51607 | 611 | 63652 | 03 | 1 |
| 231 | 005 | 10012 | 916 | 10483 | 884 | 11015 | 761 | 93583 | 03 | 1 |
| 270 | 009 | 15001 | 681 | 60632 | 635 | 60641 | 616 | 58659 | 03 | 1 |
| 06 | | | | | | | | | | |
| 180 | 017 | 14121 | 968 | 12091 | 940 | 15084 | | | 03 | 5 |
| 260 | 020 | 14136 | 006 | 81154 | 988 | 18149 | 955 | 17128 | 03 | 8 |
| 447 | 007 | 15141 | 988 | 22201 | 928 | 20152 | 755 | 06011 | 03 | 8 |
| 610 | 961 | 10101 | 897 | 13091 | 707 | 00582 | 625 | 53667 | 05 | 5 |
| 07 | | | | | | | | | | |
| 110 | 100 | 16162 | 950 | 20122 | 892 | 15082 | 857 | 14072 | 02 | 5 |
| 145 | 000 | 18141 | 988 | 20194 | 966 | 20191 | 920 | 18161 | 02 | 8 |
| 190 | 001 | 12105 | 990 | 16147 | 955 | 19132 | 871 | 14074 | 02 | 8 |
| 480 | 993 | 15082 | 950 | 18081 | 923 | 19116 | 900 | 17069 | 02 | 8 |
| 510 | 013 | 18180 | 985 | 18177 | 950 | 22160 | 900 | 20111 | 02 | 5 |
| 645 | 008 | 21184 | 975 | 18167 | 872 | 14116 | 786 | 08068 | 02 | 8 |
| 08 | | | | | | | | | | |
| 509 | 012 | 20181 | 926 | 16932 | 902 | 19072 | 708 | 05533 | 03 | 1 |
| 521 | 011 | 24196 | 947 | 18168 | 926 | 2112* | 802 | 16579 | 14 | 8 |
| 536 | 006 | 28155 | 940 | 19117 | 908 | 18047 | 888 | 21557 | 14 | 8 |
| 10 | | | | | | | | | | |
| 034 | 018 | 59560 | 940 | 50500 | 920 | 57510 | 767 | 41320 | 02 | 2 |
| 122 | 019 | 64590 | 920 | 53530 | 767 | 49310 | 435 | 00850 | 08 | 2 |
| 338 | 014 | 56530 | 977 | 67550 | 765 | 38320 | 739 | 39880 | 02 | 2 |
| 384 | 013 | 17111 | 947 | 15053 | 800 | 03025 | 683 | 52598 | 03 | 5 |
| 419 | 991 | 61540 | 972 | 65 0 | 776 | 39**0 | 196 | 23**0 | 02 | 2 |
| 633 | 007 | 16117 | 934 | 18092 | 790 | 67092 | 706 | 50535 | 03 | 5 |
| 866 | 958 | 10094 | 928 | 15069 | 657 | 55596 | 628 | 56756 | 03 | 5 |
| 11 | | | | | | | | | | |
| 030 | 999 | 11103 | 934 | 14106 | 826 | 07064 | 734 | 08518 | 03 | 5 |
| 567 | 986 | 15128 | 900 | 15114 | 760 | 06046 | 660 | 52550 | 05 | 5 |
| 16 | | | | | | | | | | |
| 596 | 997 | 73690 | 928 | 70510 | 520 | 12030 | 440 | 02800 | 02 | 2 |

## RADIOSONDE AND RAWINSONDE DATA. SIGNIFICANT LEVELS

| Index No. III | 1st. 5th. etc. Level PPP | TTTTTddx | 2nd. 6th. etc. Level PPP | TTTTTddx | 3rd. 7th. etc. Level PPP | TTTTTddx | 4th. 8th. etc. Level PPP | TTTTTddx | Hour GG | Code Type |
|---|---|---|---|---|---|---|---|---|---|---|
| 62 | | | | | | | | | | |
| 366 | 755 | 17 0 | 658 | 09 1 | 634 | 09**0 | 474 | 52**0 | 03 | 5 |
| 70 | | | | | | | | | | |
| 026 | 889 | 08543 | 870 | 08582 | 765 | 04674 | 669 | 51711 | 03 | 1 |
| 133 | 245 | 02992 | 027 | 90994 | | | | | 03 | 1 |
| 200 | 400 | 83872 | 354 | 90942 | 288 | 98994 | 222 | 91991 | 05 | 1 |
| 204 | 364 | 90961 | 281 | 00997 | 122 | 95993 | | | 03 | 1 |
| 219 | 638 | 56674 | 586 | 61734 | 564 | 61772 | 458 | 71859 | 03 | 1 |
| 231 | 552 | 63784 | 400 | 81995 | 354 | 87998 | 130 | 96995 | 03 | 1 |
| 261 | 030 | 93996 | | | | | | | 03 | 1 |
| 273 | 518 | 69796 | 420 | 79924 | 400 | 82990 | 314 | 88993 | 03 | 1 |
| 291 | 557 | 61709 | 400 | 78827 | 326 | 90932 | 246 | 04993 | 03 | 1 |
| 316 | | | | | | | | | | |
| 350 | 652 | 54697 | 588 | 56696 | 566 | 59645 | 550 | 59671 | 03 | 1 |
| 361 | 259 | 00997 | 098 | 97999 | | | | | 03 | 1 |
| 381 | 400 | 77811 | | | | | | | 03 | 1 |
| 398 | 370 | 81923 | 346 | 82885 | 304 | 98992 | 214 | 08996 | 03 | 1 |
| 439 | 732 | 00503 | 704 | 01536 | 608 | 51661 | 563 | 54719 | 03 | 1 |
| 454 | 683 | 02563 | 612 | 52703 | 557 | 55753 | 400 | | 03 | 1 |
| 72 | | | | | | | | | | |
| 202 | 638 | 04676 | 585 | 51572 | 400 | 69745 | 278 | 89983 | 03 | 1 |
| 208 | 595 | 02994 | 514 | 55746 | 424 | 64817 | 400 | 68990 | 03 | 1 |
| 211 | 137 | 18992 | 102 | 20996 | 085 | 19999 | | | 03 | 1 |
| 219 | 798 | 15083 | 572 | 52568 | 468 | 60752 | 400 | 68835 | 03 | 1 |
| 231 | | | | | | | | | | |
| 240 | 560 | 52581 | 530 | 54637 | 443 | 62724 | 412 | 66711 | 03 | 1 |
| 250 | 561 | 00672 | 411 | 65995 | 400 | 67993 | 152 | 17990 | 03 | 1 |
| 253 | 597 | 01551 | 567 | 00652 | 400 | 66767 | 348 | 73864 | 03 | 1 |
| 259 | 694 | 08024 | 564 | 51511 | 400 | 67710 | | | 03 | 1 |
| 265 | 552 | 50657 | 476 | 58688 | 449 | 61774 | 400 | 66797 | 03 | 1 |
| 270 | 400 | 67752 | 340 | 75816 | 280 | 85956 | 270 | 88001 | 03 | 1 |
| 278 | 400 | 66694 | 257 | 89947 | 142 | 19990 | 133 | 17995 | 03 | 1 |
| 304 | 664 | 05574 | 486 | 59755 | 440 | 62999 | 400 | 68996 | 03 | 1 |
| 317 | 466 | 59768 | 400 | 68996 | 130 | 21993 | | | 03 | 1 |
| 327 | 400 | 69990 | 372 | 70996 | 165 | 14992 | | | 03 | 1 |
| 340 | 400 | 68791 | 376 | 71783 | 340 | 76872 | 262 | 88937 | 03 | 1 |
| 353 | 334 | 76883 | 260 | 90000 | 165 | 13993 | 135 | 16992 | 03 | 1 |
| 365 | 265 | 89982 | 174 | 12993 | 125 | 19996 | | | 03 | 1 |
| 386 | 606 | 01633 | 536 | 53722 | 410 | 67993 | 238 | 96996 | 03 | 1 |
| 394 | 908 | 19095 | 776 | 15552 | 676 | 06624 | 400 | 68999 | 03 | 1 |
| 405 | 609 | 03684 | 546 | 52594 | 471 | 59658 | 444 | 62751 | 03 | 1 |
| 445 | 400 | 67821 | 350 | 74819 | 275 | 87987 | 138 | 18994 | 03 | 1 |
| 451 | 532 | 51603 | 426 | 63704 | 400 | 65789 | 265 | 89001 | 03 | 1 |
| 476 | 400 | 67724 | 327 | 76897 | 177 | 13991 | 136 | 17992 | 03 | 1 |
| 486 | 400 | 68991 | 267 | 88999 | 123 | 18994 | 098 | 16998 | 03 | 1 |
| 493 | 766 | 11521 | 744 | 11543 | 686 | 07635 | 534 | 53991 | 03 | 1 |
| 506 | 400 | 70999 | 182 | 08993 | 117 | 18997 | 055 | 17995 | 03 | 1 |
| 518 | 769 | 09994 | 624 | 02991 | 400 | 70997 | 341 | 78991 | 03 | 1 |
| 520 | 880 | 18576 | 767 | 14605 | 620 | 02075 | 567 | 51994 | 03 | 1 |
| 528 | 695 | 06624 | 650 | 02555 | 598 | 51588 | 568 | 53654 | 03 | 1 |
| 534 | 400 | 68742 | 266 | 89975 | 160 | 14990 | 118 | 19998 | 03 | 1 |
| 536 | 608 | 00625 | 584 | 50699 | 544 | 53715 | 483 | 59699 | 03 | 1 |
| 553 | 568 | 00681 | 425 | 64703 | 412 | 65801 | 400 | 66817 | 03 | 1 |
| 562 | 465 | 59687 | 400 | 67788 | 352 | 73874 | 273 | 88998 | 03 | 1 |
| 576 | 503 | 56756 | 400 | 67997 | 272 | 90990 | 152 | 13997 | 03 | 1 |
| 597 | 600 | 54991 | 547 | 59766 | 400 | 74856 | 265 | 95999 | 03 | 1 |
| 600 | | | | | | | | | | |
| 606 | 763 | 04661 | 749 | 06991 | 687 | 02674 | 617 | 51673 | 03 | 1 |
| 655 | 614 | 02524 | 602 | 02584 | 561 | 52619 | 549 | 52729 | 03 | 1 |
| 681 | | | | | | | | | | |
| 712 | 646 | 53609 | 598 | 58644 | 464 | 71842 | 400 | 80991 | 03 | 1 |
| 734 | 872 | 16574 | 835 | 15537 | 621 | 01573 | 550 | 56613 | 03 | 1 |
| 747 | 744 | 13607 | 722 | 11553 | 697 | 09574 | 685 | 09632 | 03 | 1 |
| 764 | 530 | 56726 | 482 | 60766 | 400 | 68997 | 260 | 90990 | 03 | 1 |
| 768 | | | | | | | | | | |
| 775 | 315 | 87986 | 348 | 98995 | 156 | 09996 | 108 | 10999 | 03 | 1 |
| 785 | 312 | 89005 | 262 | 97994 | 228 | 00990 | 150 | 02996 | 03 | 1 |
| 798 | 318 | 90012 | 166 | 96990 | 157 | 95992 | | | 03 | 1 |
| 807 | | | | | | | | | | |
| 815 | 548 | 59998 | 400 | 79870 | 325 | 90990 | 268 | 01990 | 03 | 1 |
| 816 | 327 | 90910 | 232 | 06994 | 193 | 97991 | 101 | 58*** | 03 | 1 |
| 826 | 525 | 63696 | 440 | 72822 | 400 | 78883 | 325 | 90990 | 03 | 1 |
| 836 | 639 | 52591 | 453 | 67713 | 400 | 74794 | 277 | 93976 | 03 | 1 |
| 867 | 400 | 72827 | 235 | 98990 | 191 | | 169 | 00994 | 03 | 1 |
| 879 | 210 | 03997 | 175 | 00990 | 101 | 58*** | | | 03 | 1 |
| 896 | 268 | 03998 | 180 | 95998 | 133 | 00994 | 101 | 47*** | 03 | 1 |
| 906 | 698 | 54712 | 495 | 69715 | 400 | 79802 | 352 | 90990 | 09 | 1 |
| 907 | 605 | 60994 | 400 | 80994 | 340 | 90990 | 260 | 03991 | 03 | 1 |
| 909 | 612 | 58642 | 537 | 60763 | 444 | 71728 | 400 | 76761 | 04 | 1 |
| 913 | 745 | 01580 | 550 | 62666 | 530 | 62739 | 460 | 72791 | 03 | 1 |
| 915 | 101 | 58 | | | | | | | 03 | 1 |
| 917 | 761 | 57601 | 675 | 63691 | 644 | 64695 | 590 | 68816 | 03 | 1 |
| 918 | 586 | 67728 | 400 | 88971 | 413 | 01990 | 040 | 92992 | 03 | 1 |
| 924 | 361 | 90941 | 265 | 00997 | 155 | 91992 | | | 03 | 1 |
| 926 | | | | | | | | | | |
| 934 | 623 | 55716 | 400 | 80997 | 243 | 03996 | 040 | 95994 | 03 | 1 |
| 938 | 400 | 80902 | 269 | 94994 | 066 | 87992 | | | 03 | 1 |
| 945 | 509 | 65776 | 458 | 72857 | 400 | 79901 | 348 | 88983 | 03 | 1 |
| 964 | 560 | 62741 | 527 | 65705 | 512 | 65774 | 475 | 69814 | 03 | 1 |
| 968 | 811 | 04514 | 790 | 04585 | 400 | 76864 | 236 | 01995 | 03 | 1 |
| 74 | | | | | | | | | | |
| 043 | 609 | 60652 | 546 | 65775 | 460 | 74784 | 400 | 80833 | 03 | 1 |
| 072 | 866 | 02516 | 400 | 82867 | 348 | 90990 | 259 | 04996 | 03 | 1 |
| 074 | 762 | 54564 | 552 | 69764 | 538 | 71762 | 468 | 77858 | 03 | 1 |
| 090 | 677 | 56704 | 635 | 60693 | 583 | 63484 | 520 | 70763 | 03 | 1 |
| 109 | 828 | 06534 | 732 | 00533 | 613 | 57591 | 577 | 58995 | 03 | 1 |
| 188 | 450 | 74813 | 400 | 81990 | | | 280 | 01990 | 09 | 1 |
| 76 | | | | | | | | | | |
| 458 | 622 | 04546 | 548 | 53588 | 520 | 54694 | 460 | 60755 | 02 | 1 |
| 491 | 716 | 06005 | 705 | 05003 | 639 | 04672 | 588 | 01696 | 02 | 1 |
| 644 | 726 | 09025 | 648 | 07006 | 610 | 01609 | 557 | 62634 | 03 | 1 |
| 679 | 552 | 52687 | | 54644 | 400 | 62778 | 400 | 67995 | 03 | 1 |
| 78 | | | | | | | | | | |
| 016 | 592 | 00661 | 470 | 62765 | | | | | 03 | 1 |
| 367 | 839 | 20536 | 860 | 14604 | 669 | 04627 | 633 | 01642 | 03 | 1 |
| 395 | 659 | 05624 | 640 | 05649 | 620 | 04692 | 400 | 68997 | 05 | 1 |
| 525 | | | | | | | | | | |
| 741 | 640 | 05521 | 555 | 52633 | 400 | 69991 | | | 03 | 1 |
| 806 | 551 | 54605 | 513 | 56708 | 400 | 69998 | 297 | 90990 | 03 | 1 |
| 91 | | | | | | | | | | |
| 066 | 754 | 08034 | 676 | 01515 | 620 | 52544 | 400 | 70735 | 04 | 1 |
| 115 | 380 | 72815 | 286 | 90990 | 190 | 08996 | 172 | 08996 | 03 | 1 |
| 182 | 731 | 10579 | 720 | 13572 | 400 | 68995 | 275 | 90990 | 03 | 1 |
| 215 | 259 | 90953 | 134 | 23994 | | | | | 03 | 1 |
| 366 | 788 | 17504 | 738 | 15103 | 602 | 06002 | 531 | 0615* | 03 | 1 |
| 98 | | | | | | | | | | |
| 645 | 160 | 13991 | 115 | 25994 | | | | | 03 | 8 |
| QLL | | OCEAN | STA | | | | | | | |
| 034 | 756 | 10007 | 570 | 54622 | 540 | 54692 | 480 | 60755 | 03 | 9 |
| 035 | 798 | 14518 | 636 | 04633 | 598 | 50585 | 570 | 52595 | 03 | 9 |
| 037 | 561 | 51596 | 535 | 52663 | 400 | 67992 | 265 | 90990 | 03 | 9 |
| 041 | 737 | 00532 | 722 | 00541 | 615 | 56668 | 600 | 57710 | 02 | 8 |
| 044 | 753 | 04017 | 548 | 58675 | 526 | 59664 | 486 | 63785 | 03 | 9 |
| 051 | 680 | 34140 | 341 | 77670 | 235 | 38**0 | 204 | 27**0 | 02 | 2 |
| 053 | 780 | 04529 | 706 | 03654 | 634 | 00672 | 430 | 70808 | 03 | 9 |
| 055 | 625 | 61647 | 613 | 60626 | 400 | 82887 | 350 | 89007 | 03 | 9 |
| 062 | 411 | 91850 | 224 | 32 0 | | | | | 02 | 7 |
| 063 | 813 | 03541 | 787 | 03583 | 637 | 55711 | 545 | 63743 | 03 | 9 |
| 134 | 792 | 11003 | 739 | 08636 | 606 | 02993 | 400 | 71990 | 03 | 9 |
| 144 | 798 | 10568 | 745 | 08003 | 640 | 01556 | 622 | 00655 | 03 | 9 |
| 223 | 657 | 10 | 609 | 05 | 516 | 51*** | 400 | 59*** | 02 | 1 |
| 235 | 112 | 04 | 055 | 09 | | | | | 03 | 1 |
| 246 | | 51587 | | | | | | | 03 | 9 |
| 360 | 761 | 51532 | 400 | 85902 | 337 | 94996 | 233 | 89*** | 03 | 5 |
| **JULY 25** | | | | | | | | | | |
| 01 | | | | | | | | | | |
| 001 | 842 | 52618 | 594 | 69706 | 521 | 73819 | 400 | 89962 | 03 | 8 |
| 030 | 506 | 74767 | 432 | 84843 | 413 | 84867 | 400 | 86879 | 03 | 5 |
| 384 | 716 | 53552 | 705 | 52554 | 696 | 53569 | 686 | 53561 | 03 | 5 |
| 415 | 735 | 51554 | 720 | 00543 | 628 | 55642 | 513 | 64734 | 03 | 8 |
| 02 | | | | | | | | | | |
| 057 | 223 | 92991 | 123 | 91998 | 111 | 89991 | | | 03 | 8 |
| 077 | 213 | 09995 | 198 | 00991 | 119 | 95991 | | | 04 | 5 |
| 084 | 695 | 02516 | 514 | 62655 | 303 | 90924 | | | 03 | 8 |
| 974 | 664 | 53664 | 567 | 63724 | 552 | 62103 | 362 | 83994 | 03 | 8 |
| 03 | | | | | | | | | | |
| 005 | | | | | | | | | 02 | 2 |
| 026 | | | | | | | | | 02 | 2 |
| 171 | 770 | 44200 | 758 | 46150 | 628 | 31980 | 198 | 99903 | 02 | 7 |
| 476 | | | | | | | | | | |
| 743 | | | | | | | | | 02 | 2 |
| 808 | 529 | 26850 | 178 | 27 0 | 075 | | | | 02 | 2 |
| 917 | | | | | | | | | | |
| 953 | 721 | 42 0 | 640 | 36 0 | 571 | 23**0 | 561 | 23**0 | 03 | 7 |
| 04 | | | | | | | | | | |
| 018 | | | | | | | | | | |
| 202 | 594 | 63653 | 400 | 80874 | 344 | 88964 | 237 | 06994 | 03 | 1 |
| 231 | 664 | 55637 | 555 | 62796 | 513 | 65990 | 486 | 68826 | 03 | 1 |
| 270 | 573 | 63711 | 506 | 68724 | 400 | 80849 | 330 | 90971 | 03 | 1 |
| 06 | | | | | | | | | | |
| 180 | 572 | 57609 | 557 | 57619 | 422 | 74770 | 186 | 16998 | 03 | 5 |
| 260 | 918 | 14081 | 842 | 08033 | 800 | 40308 | 755 | 04553 | 03 | 8 |
| 447 | 588 | 51604 | 480 | 61673 | 385 | 73762 | 340 | 77823 | 03 | 8 |
| 610 | 593 | 57702 | 527 | 61758 | 404 | 73845 | 330 | 85954 | 05 | 5 |
| 07 | | | | | | | | | | |
| 110 | 741 | 07523 | 710 | 05549 | 640 | 00612 | 615 | 51631 | 02 | 5 |
| 145 | 795 | 06055 | 727 | 06055 | 691 | 01506 | 625 | 50537 | 02 | 8 |
| 190 | 823 | 09031 | 760 | 03515 | 680 | 53586 | 615 | 54616 | 02 | 8 |
| 480 | 866 | 13036 | 812 | 10541 | 639 | 55663 | 600 | 58692 | 02 | 8 |
| 510 | 815 | 13033 | 740 | 05503 | 655 | 52542 | 620 | 52562 | 02 | 5 |
| 645 | 721 | 03503 | 689 | 50547 | 675 | 51548 | 632 | 53574 | 02 | 8 |
| 08 | | | | | | | | | | |
| 509 | 667 | 03588 | 564 | 52621 | 400 | 68766 | 272 | 90980 | 03 | 1 |
| 521 | 675 | 09631 | 400 | 67837 | 354 | 71868 | 166 | 05998 | 14 | 8 |
| 536 | 810 | 17576 | 594 | 03999 | 410 | 68994 | 248 | 98994 | 14 | 8 |
| 10 | | | | | | | | | | |
| 034 | | | | | | | | | | |
| 122 | 414 | 98830 | 210 | 34 0 | 191 | 35**0 | 748 | 33**0 | 08 | 2 |
| 338 | 192 | 28 0 | 145 | 27 0 | 052 | 42**0 | | | 02 | 2 |
| 384 | 651 | 54684 | 613 | 55711 | 400 | 75991 | 350 | 83913 | 03 | 5 |
| 419 | 180 | 23 0 | 161 | 31 0 | 084 | 35**0 | | | 02 | 2 |
| 633 | 690 | 00577 | 615 | 53664 | 400 | 73996 | 285 | 90990 | 03 | 5 |
| 866 | 568 | 60733 | 453 | 69806 | 400 | 78873 | 347 | 84949 | 03 | 5 |
| 11 | | | | | | | | | | |
| 030 | 656 | 52676 | 604 | 56653 | 542 | 68722 | 400 | 74883 | 03 | 5 |
| 567 | 248 | 99996 | 160 | 03996 | | | | | 05 | 5 |
| 16 | | | | | | | | | | |
| 596 | 270 | 58 0 | 260 | 59 0 | 115 | 16**0 | 072 | 15**0 | 02 | 2 |

JULY 25

# RADIOSONDE AND RAWINSONDE DATA

| Index No. III | Station Name | 1000 mb. hhh | TTTTT ddx | dd | ff | 850 mb. hhh | TTTTT ddx | dd | ff | 700 mb. hhh | TTTTT ddx | dd | ff | 500 mb. hhh | TTTTT ddx | dd | ff | Hour GG | Code Type |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | BLOCK 40 | | | | | | | | | | | | | | | | | | |
| 427 | BAHREIN | 509 | | | | 510 | 31916 | | | 026 | 60290 | 27 | 30 | 922 | 16010 | 26 | 1 | 03 | 2 |
| | BLOCK 42 | | | | | | | | | | | | | | | | | | |
| 182 | NEW DELHI | 502 | | | | 140 | 2016 | | | 307 | 1405* | | | 585 | 50*** | | | 15 | 8 |
| 339 | JODHPUR | 502 | | | | 140 | 1919 | | | 306 | 1212* | | | 581 | 5557* | | | 15 | 8 |
| 867 | NAGPUR | 000 | | | | 143 | 2119 | | | 308 | 1109* | | | 581 | 54*** | | | 15 | 8 |
| 909 | VERAVAL | 000 | | | | 142 | 1918 | | | 308 | 1204* | | | 581 | 54*** | | | 15 | 8 |
| | BLOCK 43 | | | | | | | | | | | | | | | | | | |
| 063 | POONA | 002 | | | | 144 | 1816 | | | 310 | 1106* | | | 582 | 55*** | | | 14 | 8 |
| 149 | VIZAGAPATAM | 001 | | | | 144 | 2115 | | | 310 | 1107* | | | 582 | 56*** | | | 14 | 8 |
| 279 | MADRAS | 003 | 2923 | | | 146 | 1816 | | | 311 | 0904* | | | 583 | 5465* | | | 14 | 8 |
| 371 | TRIVANDRUM | 009 | 2321 | | | 149 | 1614 | | | 313 | 0904* | | | 586 | 54*** | | | 15 | 8 |
| | BLOCK 45 | | | | | | | | | | | | | | | | | | |
| 007 | KAI TAK | 003 | 27250 | | | 146 | 21130 | | | 311 | 13020 | | | 585 | 52**0 | | | 22 | 8 |
| | BLOCK 47 | | | | | | | | | | | | | | | | | | |
| 401 | WAKKANAI | 038 | 21141 | | | 487 | 13055 | | | 020 | 04540 | | | 891 | 57696 | | | 03 | 1 |
| 412 | SAPPORO DCMO | 037 | 19154 | | | 486 | 10087 | | | 008 | 06540 | | | 870 | 58737 | | | 03 | 1 |
| 580 | MISAWA | 035 | 19191 | 12 | 4 | 491 | 14122 | 01 | 11 | 026 | 07053 | 28 | 15 | 916 | 52559 | 24 | 51 | 03 | 1 |
| 590 | SENDAI DCMO | 033 | 23222 | | | 490 | 17167 | | | 023 | 09070 | | | 912 | 54637 | | | 04 | 1 |
| 635 | NAGOYA | 041 | 31223 | 00 | | 510 | 20096 | 35 | 10 | 049 | 09022 | 31 | 12 | 940 | 55662 | 34 | 9 | 03 | 1 |
| 646 | TATENO | 031 | 23217 | | | 493 | 19168 | | | 032 | 12052 | | | 934 | 52624 | | | 03 | 1 |
| 671 | TOKYO | 036 | 28234 | 17 | 4 | 504 | 20149 | 26 | 3 | 047 | 10041 | 31 | 9 | 948 | 52643 | 29 | 7 | 03 | 1 |
| 744 | YONAGO | 038 | 27254 | | | 503 | 20171 | | | 043 | 11071 | | | 940 | ***** | | | 03 | 1 |
| 778 | SHIONOMISAKI | 036 | 27244 | | | 497 | 18134 | | | 035 | 09057 | | | 928 | 54642 | | | 03 | 1 |
| 808 | ITAZUKE | 035 | 81267 | 34 | 8 | 512 | 23228 | 36 | 2 | 062 | 15071 | 24 | 6 | 962 | 50562 | 16 | 18 | 03 | 1 |
| 827 | KAGOSHIMA | 036 | 32222 | 18 | 8 | 502 | 21154 | 11 | 4 | 043 | 12506 | 15 | 9 | 934 | 55998 | 11 | 24 | 04 | 1 |
| 931 | KADENA OKINW | 101 | 59 | | | | | | | *** | ***** | | | *** | ***** | | | 03 | 1 |
| | BLOCK 60 | | | | | | | | | | | | | | | | | | |
| 120 | PORT LYAUTEY | 038 | 18146 | | | 492 | 20996 | | | 036 | 12990 | | | 903 | 52762 | | | 03 | 6 |
| 155 | CASABLANCA | 166 | 17152 | | | 530 | 25037 | | | 180 | 12622 | | | 878 | 61832 | | | 02 | 8 |
| 390 | M BLANCHE | 101 | 19187 | 09 | 6 | 510 | 17037 | 07 | 11 | 732 | 06565 | 29 | 12 | 778 | 65702 | 28 | 32 | 02 | 5 |
| 715 | TUNIS | 093 | 24419 | 33 | 6 | 420 | 16090 | 00 | | 122 | **007 | | | 781 | 61666 | | | 02 | 5 |
| | BLOCK 61 | | | | | | | | | | | | | | | | | | |
| 642 | DAKAR OUAKAM | 098 | 25223 | 32 | 5 | 520 | 18161 | 32 | 7 | 156 | 09081 | 07 | 11 | 866 | 55678 | 09 | 23 | 07 | 5 |
| | BLOCK 62 | | | | | | | | | | | | | | | | | | |
| 053 | BENINA | 038 | | | | | 64330 | | | 032 | 46006 | | | 917 | 20750 | | | 02 | 7 |
| 366 | FAROUK | 079 | 22163 | 32 | 14 | 474 | 19 4 | 32 | 17 | 120 | 11**4 | 32 | 5 | 872 | 00**4 | 25 | 13 | 03 | 5 |
| | BLOCK 70 | | | | | | | | | | | | | | | | | | |
| 026 | BARROW | 050 | 50532 | 07 | 10 | 482 | 03536 | 02 | 10 | 995 | 52601 | 02 | 10 | 847 | 68773 | 33 | 16 | 03 | 1 |
| 133 | KOTZEBUE | 029 | 07068 | | | 475 | 09503 | | | 993 | 51571 | | | 846 | 99999 | | | 03 | 1 |
| 200 | NOME | 032 | 13091 | 26 | 12 | 473 | 03004 | 08 | 5 | 983 | 53567 | 06 | 19 | 832 | 69724 | 06 | 36 | 03 | 1 |
| 204 | GAMBELL | 035 | 02504 | | | 470 | 04533 | | | *** | ***** | | | *** | ***** | | | 03 | 1 |
| 219 | BETHEL | 025 | 13073 | 19 | 8 | 463 | 01002 | | | 969 | 56584 | | | 803 | 72990 | | | 03 | 1 |
| 261 | FRBNKS WEEKS | 024 | | | | 472 | 07034 | 32 | 3 | 989 | 51666 | 11 | 2 | 841 | 67821 | 10 | 2 | 03 | 1 |
| 273 | ANCH MERRILL | 028 | 17105 | 27 | 8 | 472 | 05024 | 18 | 8 | 987 | 51578 | 16 | 10 | 839 | 68812 | 25 | 12 | 03 | 1 |
| 291 | NORTHWAY | 017 | | | | 468 | 08047 | 34 | 10 | 986 | 51553 | 34 | 10 | 836 | 69735 | | | 03 | 1 |
| 350 | KODIAK | 032 | 11071 | | | 472 | 07065 | | | 985 | 51525 | | | 844 | 65687 | | | 03 | 1 |
| 361 | YAKUTAT | 034 | 12083 | 02 | 3 | 472 | 02002 | 26 | 4 | 982 | 53578 | 32 | 8 | 831 | 69776 | 31 | 24 | 03 | 1 |
| 381 | JUNEAU | 030 | 13093 | 00 | | 471 | 04 | | | *** | 53554 | | | 828 | ***** | | | 03 | 1 |
| 398 | ANNETTE IS | 036 | 14124 | 24 | 1 | 480 | 04025 | 31 | 11 | 990 | 54568 | 31 | 16 | 843 | 67825 | 32 | 31 | 03 | 1 |
| 439 | AMCHITKA | 039 | 07012 | 02 | 17 | 475 | 05016 | 04 | 7 | 990 | 00637 | 30 | 7 | 850 | ***** | 27 | 14 | 03 | 1 |
| 454 | LONGVIEW | 036 | 18081 | | | 465 | 46042 | | | 993 | 50998 | 24 | 23 | 854 | 65999 | 24 | 37 | 03 | 1 |
| 485 | FORT GLENN | 037 | 10082 | 23 | 28 | 480 | 09052 | 14 | 30 | 002 | 01531 | 25 | 42 | 872 | 60999 | 25 | 66 | 03 | 1 |
| | BLOCK 72 | | | | | | | | | | | | | | | | | | |
| 202 | MIAMI | 062 | 27205 | 11 | 13 | 526 | 18512 | 10 | 22 | 064 | 09608 | 10 | 18 | 946 | 58747 | 10 | 13 | 03 | 1 |
| 208 | CHARLESTON | 064 | 25237 | 20 | 11 | 530 | 19019 | 09 | 9 | 070 | 10572 | 13 | 12 | 958 | 56999 | 14 | 15 | 03 | 1 |
| 211 | TAMPA | 063 | 25204 | 15 | 6 | 526 | 16131 | | | 062 | 08024 | | | 948 | 58993 | | | 03 | 1 |
| 219 | ATLANTA | 066 | | | | 533 | 17139 | 17 | 13 | 070 | 09571 | 18 | 20 | 956 | 57704 | | | 03 | 1 |
| 231 | NEW ORLEANS | 061 | 26223 | 12 | 9 | 524 | 17119 | 10 | 6 | 061 | 08012 | 27 | 9 | 946 | 57617 | 07 | 3 | 03 | 1 |
| 240 | LAKE CHARLES | 054 | 26221 | | | 520 | 19123 | | | 058 | 09024 | | | 946 | 57610 | | | 03 | 1 |
| 250 | BROWNSVILLE | 036 | 25247 | 16 | 11 | 501 | 19132 | 19 | 17 | 039 | 08052 | 16 | 9 | 932 | 55583 | 16 | 11 | 03 | 1 |
| 253 | SAN ANTONIO | 042 | | | | 510 | 18157 | 14 | 15 | 051 | 11033 | 13 | 16 | 949 | 54679 | 09 | 4 | 03 | 1 |
| 259 | FT WORTH | 042 | | | | 510 | 20145 | 14 | 15 | 051 | 10043 | 16 | 12 | 944 | 56622 | 19 | 3 | 03 | 1 |
| 265 | BIG SPRING | 027 | | | | 503 | 24102 | 16 | 21 | 047 | 09057 | 18 | 12 | 938 | 56603 | 17 | 4 | 03 | 1 |
| 270 | EL PASO | 025 | | | | 499 | 23143 | 22 | 3 | 044 | 10052 | 18 | 3 | 937 | 54595 | | | 03 | 1 |
| 278 | PHOENIX | 023 | | | | 496 | 23117 | 27 | 10 | 038 | 09017 | 31 | 9 | 923 | 57655 | 24 | 6 | 03 | 1 |
| 304 | HATTERAS | 064 | 26222 | 15 | 4 | 530 | 17138 | 27 | 10 | 069 | 09512 | 33 | 16 | 957 | 57742 | 30 | 15 | 03 | 1 |
| 317 | GREENSBORO | 062 | | | | 530 | 20121 | 23 | 9 | 069 | 10033 | 19 | 6 | 959 | 57990 | 26 | 9 | 03 | 1 |
| 327 | NASHVILLE | 058 | 26213 | 18 | 4 | 522 | 17106 | 20 | 24 | 059 | 08501 | 20 | 25 | 944 | 58681 | 15 | 7 | 03 | 1 |
| 340 | LITTLE ROCK | 049 | 24234 | 19 | 10 | 513 | 18144 | 17 | 15 | 053 | 09067 | 18 | 11 | 946 | 55602 | 13 | 6 | 03 | 1 |
| 353 | OKLAHOMA CTY | 035 | | | | 507 | 21126 | 21 | 16 | 048 | 09035 | 22 | 6 | 932 | 56698 | 03 | 9 | 03 | 1 |
| 365 | ALBUQUERQUE | 012 | | | | 492 | | | | 038 | 12063 | 20 | 7 | 931 | 56607 | 18 | 2 | 03 | 1 |
| 386 | LAS VEGAS | 008 | | | | 489 | 26999 | 24 | 19 | 034 | 10607 | 22 | 5 | *** | ***** | | | 03 | 1 |
| 394 | SANTA MARIA | 046 | 13104 | 28 | 9 | 501 | 19012 | 34 | 6 | 037 | 10996 | 29 | 12 | 929 | 55999 | 27 | 15 | 03 | 1 |
| 405 | WASHINGTON | 060 | 26173 | 22 | 7 | 527 | 21511 | 25 | 9 | 067 | 09016 | 31 | 14 | 953 | 57648 | 29 | 25 | 03 | 1 |
| 445 | COLUMBIA | 045 | | | | 510 | 17158 | 19 | 5 | 049 | 10036 | 16 | 10 | 944 | 54686 | 09 | 14 | 03 | 1 |
| 451 | DODGE CITY | 025 | | | | 500 | 26141 | 19 | 37 | 049 | 12053 | 22 | 18 | 944 | 53619 | 13 | 11 | 04 | 1 |
| 476 | GRAND JUNC | 020 | | | | 494 | 23137 | 05 | 4 | 037 | 12043 | 26 | 4 | 932 | 54597 | 25 | 16 | 03 | 1 |
| 486 | ELY | 008 | | | | 482 | | | | 029 | 13594 | 25 | 10 | 916 | 59701 | 27 | 16 | 03 | 1 |
| 493 | OAKLAND | 046 | 13117 | 26 | 10 | 500 | 17991 | 28 | 8 | 034 | 08994 | 30 | 3 | 919 | 56996 | 27 | 19 | 03 | 1 |
| 506 | NANTUCKET | 055 | 21155 | 28 | 15 | 516 | 19104 | 33 | 10 | 048 | 07001 | 33 | 26 | 928 | 59689 | 30 | 29 | 04 | 1 |
| 518 | ALBANY | 048 | 21161 | 1 | 3 | 510 | 18021 | 29 | 21 | 046 | 08533 | 30 | 23 | 923 | 62691 | | | 03 | 1 |
| 520 | PITTSBURGH | 054 | | | | 523 | 19116 | 27 | 22 | 060 | 07538 | 28 | 26 | 942 | 58752 | | | 03 | 1 |
| 528 | BUFFALO | 047 | | | | 511 | 17135 | 36 | 31 | 045 | 06042 | | | 926 | 58609 | | | 03 | 1 |
| 534 | CHICAGO | 050 | | | | 517 | 19141 | 23 | 15 | 056 | 09033 | 30 | 2 | 946 | 55666 | 30 | 10 | 03 | 1 |
| 536 | TOLEDO | 050 | | | | 519 | 19131 | | | 058 | 08036 | | | 946 | 56663 | | | 03 | 1 |
| 553 | OMAHA | 033 | | | | 502 | 20990 | 20 | 16 | 046 | 12990 | 16 | 12 | 942 | 55666 | 15 | 6 | 03 | 1 |
| 562 | N PLATTE | 010 | | | | 488 | 28124 | 18 | 33 | 039 | 12074 | 20 | 27 | 941 | 53688 | | | 03 | 1 |
| 576 | LANDER | 507 | | | | 474 | | | | 028 | 15536 | 26 | 14 | 922 | 54677 | | | 03 | 1 |
| 597 | MEDFORD | 046 | | | | 502 | 13042 | 28 | 9 | 027 | 04645 | 28 | 18 | 906 | 57676 | 32 | 40 | 03 | 1 |
| 600 | SABLE ISLAND | 035 | 14111 | | | 479 | 07527 | | | 999 | 02596 | | | 865 | 65763 | | | 03 | 1 |
| 606 | PORTLAND | 049 | 23116 | 27 | 2 | 508 | 13067 | 31 | 13 | 036 | 04510 | 33 | 26 | 906 | 62656 | | | 03 | 1 |
| 655 | ST CLOUD | 028 | | | | 501 | 21174 | 21 | 16 | 047 | 11016 | 22 | 7 | 938 | 55995 | 29 | 6 | 03 | 1 |
| 681 | BOISE | 024 | | | | 492 | 19505 | 34 | 19 | 024 | 04549 | 27 | 28 | 898 | 59718 | 26 | 43 | 03 | 1 |
| 712 | CARIBOU | 045 | | | | 500 | 11015 | 32 | 17 | 021 | 00566 | 33 | 18 | 883 | 63774 | 31 | 37 | 03 | 1 |
| 734 | SAULT MARIE | 040 | | | | 496 | 15110 | 33 | 15 | 032 | 09574 | 33 | 31 | 922 | 56991 | 33 | 20 | 03 | 1 |
| 747 | INTL FALLS | 032 | | | | 498 | 20153 | 18 | 10 | 041 | 13541 | 30 | 20 | 934 | 57661 | 29 | 23 | 03 | 1 |
| 764 | BISMARCK | 508 | | | | 472 | 29124 | 16 | 38 | 028 | 14057 | 20 | 27 | 925 | 57613 | 21 | 26 | 03 | 1 |
| 768 | GLASGOW | 521 | | | | 460 | 27056 | 31 | 25 | 009 | 13011 | 25 | 18 | 898 | 60622 | | | 03 | 1 |
| 775 | GREAT FALLS | 018 | | | | 479 | 14098 | 02 | 3 | 009 | 03514 | 25 | 20 | 876 | 64997 | | | 03 | 1 |
| 785 | SPOKANE | 035 | | | | 490 | 11508 | 24 | 20 | 009 | 52579 | 26 | 14 | 860 | 68811 | | | 03 | 1 |
| 798 | TATOOSH IS | 032 | 12128 | 18 | 12 | 475 | 05033 | 22 | 12 | 988 | 50569 | 24 | 16 | 852 | 61655 | 32 | 33 | 03 | 1 |
| 815 | STEPHENVILLE | 034 | 08067 | 00 | | 471 | 03005 | 03 | 16 | 985 | 51602 | 36 | 26 | 841 | 66746 | 33 | 43 | 03 | 1 |
| 816 | GOOSE | 034 | 12077 | 19 | 7 | 478 | 04008 | 24 | 5 | 990 | 54633 | 36 | 9 | 838 | 69742 | 35 | 29 | 03 | 1 |
| 826 | NITCHEQUON | 027 | | | | 469 | 07054 | | | 986 | 53531 | | | *** | ***** | | | 04 | 1 |
| 836 | MOOSONEE | 030 | 19179 | | | 489 | 13096 | | | 010 | 00558 | | | 876 | 62744 | | | 03 | 1 |
| 867 | THE PAS | 026 | | | | 476 | 16092 | | | 006 | 05512 | | | 875 | 64681 | | | 03 | 1 |
| 879 | EDMONTON | 002 | | | | 460 | 13107 | 35 | 5 | 986 | 01549 | 28 | 9 | 847 | 65762 | 19 | 19 | 03 | 1 |
| 896 | PRINCE GEORG | 023 | | | | 472 | 10048 | 28 | 15 | 990 | 51531 | 23 | 8 | 845 | 67700 | 28 | 8 | 03 | 1 |
| 906 | FT CHIMO | 291 | 31018 | | | 473 | 50287 | | | 985 | 53555 | | | 829 | 69787 | | | 03 | 1 |
| 907 | PORT HARRISN | 039 | 08052 | | | 475 | 01548 | | | 985 | 54711 | | | 831 | 69822 | | | 03 | 1 |
| 913 | CHURCHILL | 034 | 10083 | 08 | 12 | 476 | 08017 | 25 | 14 | 996 | 51623 | 25 | 20 | 846 | 65718 | 25 | 24 | 03 | 1 |
| 915 | CORAL HARBOR | 028 | 11083 | | | 465 | 02012 | | | 973 | 55562 | | | 818 | 70735 | | | 03 | 1 |
| 917 | EUREKA | 028 | 12042 | 14 | 11 | 465 | 00525 | 14 | 14 | 971 | 56597 | 16 | 16 | 806 | 72750 | | | 03 | 1 |
| 918 | ARCTIC BAY | 014 | 06021 | | | 440 | 53557 | | | 938 | 59640 | | | 760 | 79871 | | | 03 | 1 |
| 924 | RESOLUTE | 501 | | | | 428 | 52548 | 12 | 29 | 926 | 60648 | 13 | 31 | 748 | 78849 | | | 03 | 1 |
| 926 | BAKER LAKE | 101 | 59 | | | | | | | *** | ***** | | | *** | ***** | | | 03 | 1 |
| 934 | FT SMITH | 018 | | | | 470 | 07509 | | | 986 | 53581 | | | 833 | 68999 | | | 03 | 1 |
| 938 | COPPERMINE | 014 | 14517 | | | 455 | 02588 | | | 964 | 53652 | | | 817 | 67763 | | | 02 | 1 |
| 945 | FORT NELSON | 003 | | | | 462 | 14502 | | | 987 | 00604 | | | 846 | 65799 | | | 03 | 1 |
| 964 | WHITEHORSE | 009 | | | | 456 | 07016 | 16 | 9 | 940 | 54570 | 18 | 9 | 818 | 69736 | 14 | 8 | 03 | 1 |
| 968 | AKLAVIK | 028 | 10031 | | | 466 | 03555 | | | 976 | 51634 | | | 831 | 66753 | | | 03 | 1 |
| | BLOCK 74 | | | | | | | | | | | | | | | | | | |
| 043 | NORMAN WELLS | 016 | | | | 467 | 09034 | | | 985 | 51556 | | | 837 | 66812 | | | 03 | 1 |
| 072 | MOULD BAY | 502 | | | | 421 | 53545 | | | 918 | 60111 | | | 736 | 78814 | | | 03 | 1 |
| 074 | ISACHSEN | 014 | 05031 | | | 446 | 00507 | | | 950 | 56587 | | | 787 | 73775 | | | 03 | 1 |
| 090 | CLYDE RIVER | 023 | 09050 | 00 | | 468 | 05521 | 22 | 4 | 979 | 55995 | 22 | 9 | 819 | 71767 | 21 | 18 | 03 | 1 |
| 109 | PORT HARDY | 038 | 12117 | | | 482 | 05047 | | | 997 | 00503 | | | 870 | 59620 | | | 03 | 1 |
| | BLOCK 76 | | | | | | | | | | | | | | | | | | |
| 458 | MAZATLAN | 031 | 29241 | | | 459 | 20082 | | | 039 | 09035 | | | 929 | 56658 | | | 02 | 1 |
| 491 | C VICTORIA | 033 | | | | 503 | 19157 | | | 040 | 09649 | | | 928 | 56711 | | | 02 | 1 |
| 644 | MERIDA | 047 | 26245 | | | 514 | 98133 | | | 050 | 10603 | | | 938 | 58799 | | | 03 | 1 |
| 679 | TACUBAYA | 031 | | | | 501 | | | | 046 | 10033 | | | 935 | 56599 | | | 03 | 1 |
| | BLOCK 78 | | | | | | | | | | | | | | | | | | |
| 016 | KINDLEY FLD | 055 | 23198 | 06 | 4 | 518 | 14556 | 31 | 5 | 053 | 07613 | 31 | 25 | 937 | 58991 | 31 | 18 | 03 | 1 |
| 325 | HAVANA C B | 056 | 26238 | 10 | 13 | 521 | 17118 | 08 | 23 | 057 | 08530 | 09 | 15 | *** | ***** | | | 03 | 1 |
| 367 | GUANTANAMO | 046 | 26214 | | | 512 | 16147 | | | 050 | 09501 | | | 937 | 56994 | | | 03 | 1 |
| 395 | VERNAM FIELD | 043 | 22219 | 36 | 6 | 500 | 13102 | 08 | 16 | 028 | 03538 | 11 | 17 | 912 | 60994 | 09 | 7 | 03 | 1 |
| 501 | SWAN ISLAND | 047 | 26233 | | | 512 | 17147 | | | 049 | 08525 | | | 937 | 55994 | | | 03 | 1 |
| 525 | SAN JUAN | 057 | 25237 | 09 | 17 | 521 | 16138 | 11 | 13 | 060 | 09617 | 12 | 37 | *** | ***** | | | 03 | 1 |
| 741 | MANAGUA | 040 | 26213 | 08 | 18 | 497 | 18151 | | | 042 | 07001 | | | *** | ***** | | | 03 | 1 |
| 806 | ALBROOK FLD | 031 | 24222 | 31 | 9 | 494 | 18141 | 33 | 10 | 033 | 09012 | 10 | 8 | 918 | 57648 | 12 | 13 | 03 | 1 |
| | BLOCK 80 | | | | | | | | | | | | | | | | | | |
| 050 | BARRANQUILLA | 101 | 42 | | | | | | | *** | ***** | | | *** | ***** | | | 03 | 1 |
| | BLOCK 91 | | | | | | | | | | | | | | | | | | |
| 066 | MIDWAY ISL | 039 | 22195 | | | 496 | 14111 | | | 025 | 05031 | | | 904 | 59621 | | | 03 | 1 |
| 115 | IWO JIMA | 101 | 59 | | | | | | | *** | ***** | | | *** | ***** | | | 03 | 1 |
| 182 | HONOLULU | 044 | 23197 | 07 | 18 | 502 | 15118 | 09 | 16 | 034 | 12997 | 04 | 14 | 932 | 55731 | 36 | 12 | 03 | 1 |
| 215 | HARMON FLD | 025 | 31245 | 28 | 15 | 495 | 19162 | 20 | 14 | 032 | 09026 | 19 | 24 | 924 | 55611 | 19 | 32 | 03 | 1 |
| 275 | JOHNSON IS | 039 | 28234 | 10 | 9 | 501 | 19161 | 10 | 13 | 048 | 15991 | 08 | 3 | 959 | 00993 | 12 | 17 | 03 | 1 |
| 334 | TRUK | 101 | 59 | | | | | | | *** | ***** | | | *** | ***** | | | 03 | 1 |
| 413 | YAP | 101 | 59 | | | | | | | *** | ***** | | | *** | ***** | | | 03 | 1 |
| | BLOCK 98 | | | | | | | | | | | | | | | | | | |
| 645 | CEBU | 026 | 29239 | | | 496 | 18144 | | | 032 | 09064 | | | 924 | 55592 | | | 03 | 8 |
| QLL | OCEAN STA | | | | | | | | | | | | | | | | | | |
| 034 | 0 355 400 | 059 | 23216 | 23 | 15 | 521 | 16101 | 24 | 24 | 057 | 08532 | 22 | 18 | 942 | 57995 | 26 | 16 | 03 | 9 |
| 035 | 0 340 520 | 048 | 25231 | 30 | 13 | 510 | 15132 | 27 | 9 | 045 | 07028 | 25 | 13 | 932 | 58641 | 26 | 10 | 03 | 9 |
| 037 | 0 360 700 | 063 | 25191 | | | 523 | 17522 | 30 | 13 | 059 | 08535 | 30 | 18 | 950 | 55683 | 30 | 23 | 03 | 9 |
| 041 | 0 450 168 | 204 | 15157 | 03 | 9 | 570 | 08031 | 02 | 13 | 105 | 03567 | 03 | 14 | 809 | 62797 | | | 02 | 2 |
| 044 | 0 450 450 | 017 | 14128 | 22 | 16 | 463 | 07412 | 22 | 52 | 980 | 00605 | 26 | 47 | 842 | 64993 | | | 04 | 9 |
| 051 | 0 538 187 | 038 | 08580 | | | 481 | 45430 | 20 | 18 | 002 | 36060 | 22 | 29 | 864 | 03990 | 21 | 41 | 02 | 2 |
| 053 | 0 527 355 | 010 | 11092 | 21 | 19 | 450 | 07011 | 22 | 16 | 970 | 01607 | 21 | 30 | 837 | 63755 | 22 | 37 | 03 | 9 |
| 055 | 0 565 510 | 032 | 06046 | 31 | 12 | 468 | 03004 | 34 | 11 | 976 | 55579 | 03 | 30 | 820 | 69722 | 08 | 27 | 03 | 9 |
| 062 | 0 600 200 | 019 | 55 | 19 | 9 | 460 | 42360 | 18 | 14 | 976 | 34160 | 22 | 21 | 834 | 05960 | 18 | 42 | 02 | 2 |
| 063 | 0 620 330 | 005 | 09091 | | | 453 | 03024 | | | 954 | 53552 | 06 | 19 | 807 | 67703 | | | 04 | 9 |
| 134 | 1 300 400 | 064 | 19173 | 07 | 15 | 517 | 11095 | 08 | 13 | 046 | 08603 | 08 | 11 | 934 | 58747 | 10 | 11 | 04 | 9 |
| 144 | 1 490 480 | 076 | 12114 | 29 | 27 | 524 | 11061 | 30 | 47 | 048 | 02574 | 30 | 39 | 926 | 60797 | 30 | 51 | 03 | 9 |
| 223 | 2 290 350 | 037 | 26 | | | 498 | 18 | | | 034 | 11*** | | | 926 | 54*** | | | 03 | 1 |
| 235 | 2 385 526 | 039 | 18 | | | 490 | 15 | | | 022 | 09*** | | | 908 | 56*** | | | 03 | 1 |
| 237 | 2 350 765 | 650 | 22175 | | | 525 | 13081 | | | 049 | 03597 | | | 923 | 51996 | | | 03 | 9 |
| 246 | 2 440 650 | 033 | 12118 | 31 | 7 | 472 | 09061 | 28 | 12 | 002 | 04723 | 25 | 18 | 877 | 60990 | 28 | 14 | 03 | 9 |
| 360 | 3 660 020 | 115 | 09063 | 02 | 18 | 450 | 00511 | 35 | 18 | 980 | 54595 | 32 | 21 | 555 | 69746 | 30 | 40 | 03 | 5 |

JULY 26

| Index No. III | Station Name | 1000 mb. hhh | TTTTT ddx | dd | ff | 850 mb. hhh | TTTTT ddx | dd | ff | 700 mb. hhh | TTTTT ddx | dd | ff | 500 mb. hhh | TTTTT ddx | dd | ff | Hour GG | Code Type |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | BLOCK 01 | | | | | | | | | | | | | | | | | | |
| 001 | JAN MAYEN | 187 | 02016 | | | 500 | 50557 | | | 022 | 58661 | | | 561 | 74832 | | | 03 | 8 |
| 030 | TROMSO | 118 | 05038 | 05 | 3 | 420 | 52535 | 14 | 4 | 941 | 60639 | 53 | 8 | 450 | 77818 | | | 03 | 5 |
| 384 | GARDERMOEN | 110 | 99999 | | | 457 | 06001 | 08 | 5 | 028 | 00534 | | | 636 | 66704 | | | 03 | 5 |
| 415 | SOLA | 143 | 12093 | | | 500 | 07036 | | | 070 | 52537 | | | 672 | 67729 | | | 03 | 8 |
| | BLOCK 02 | | | | | | | | | | | | | | | | | | |
| 057 | LULEA KALLAS | 034 | 09081 | | | 380 | 00008 | | | 899 | 58581 | | | 438 | 74767 | | | 03 | 8 |
| 077 | STOCKHOLM | 118 | 13071 | 03 | 7 | 485 | 05519 | 27 | 19 | 029 | 52581 | 28 | 25 | 626 | 67731 | 30 | 46 | 03 | 5 |
| 084 | GOTEBORG | 117 | 14128 | | | 474 | 06023 | | | 063 | 01559 | | | 684 | 64724 | | | 03 | 8 |
| | BLOCK 03 | | | | | | | | | | | | | | | | | | |
| 005 | LERWICK | 037 | 54540 | | | 479 | 42370 | 28 | 17 | 996 | 34110 | 26 | 22 | 581 | 00900 | 25 | 27 | 02 | 2 |
| 026 | STORNOWAY | 044 | 57530 | | | 487 | 43410 | 28 | 10 | 003 | 32110 | 26 | 20 | *** | 01940 | 25 | 25 | 02 | 2 |
| 171 | LEUCHARS | 441 | | | | 491 | 50470 | | | 013 | 34280 | | | 873 | 04990 | | | 02 | 7 |

WB FORM 5282 A

# RADIOSONDE AND RAWINSONDE DATA— Continued

| Index No. III | 300 mb. hhh | TTTTT ddx | dd | ff | 200 mb. hhh | TTTTT ddx | dd | ff | 100 mb. hhh | TTTTT ddx | dd | ff | Hour GG | Code Type |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 40 | | | | | | | | | | | | | | |
| 427 | 189 | 89630 | 31 | 5 | 123 | | 13 | 24 | | | | | 03 | 2 |
| 42 | | | | | | | | | | | | | | |
| 182 | 974 | 77 | | | 250 | 04 | | | | | | | 15 | 8 |
| 339 | 964 | | | | 233 | 08 | | | | | | | 15 | 8 |
| 867 | 968 | 76 | | | 247 | 99 | | | | | | | 15 | 8 |
| 909 | 969 | 75 | | | 250 | 97 | | | | | | | 15 | 8 |
| 43 | | | | | | | | | | | | | | |
| 063 | 101 | 43 | | | | | | | | | | | 14 | 8 |
| 149 | 964 | 81 | | | | | | | | | | | 14 | 8 |
| 279 | 101 | 43 | | | | | | | | | | | 14 | 8 |
| 371 | 972 | 77 | | | 250 | 98 | | | | | | | 15 | 8 |
| 45 | | | | | | | | | | | | | | |
| 007 | 101 | 50 | | | | | | | | | | | 22 | 8 |
| 47 | | | | | | | | | | | | | | |
| 401 | 133 | 84998 | | | 025 | 02992 | | | 097 | 02994 | | | 03 | 1 |
| 412 | 134 | 81931 | | | 148 | 94992 | | | 556 | 00990 | | | 03 | 1 |
| 580 | 155 | 76823 | | | 078 | 96992 | | | | | | | 03 | 1 |
| 590 | 187 | 71814 | | | 126 | 94990 | | | 579 | 07998 | | | 04 | 1 |
| 635 | 190 | 73998 | 25 | 16 | 096 | 87994 | 29 | 29 | 513 | 14990 | | | 03 | 1 |
| 646 | 200 | 80884 | | | 116 | 96995 | | | 542 | 14996 | | | 03 | 1 |
| 671 | 101 | 50 | | | | | | | | | | | 03 | 1 |
| 744 | 178 | 77830 | | | 107 | 95997 | | | 547 | 11990 | | | 03 | 1 |
| 778 | 193 | 79882 | | | 114 | 94995 | | | | | | | 03 | 1 |
| 808 | 247 | 73822 | | | 185 | 91990 | | | | | | | 03 | 1 |
| 827 | 193 | 77881 | | | 116 | 96998 | | | 555 | 10994 | | | 04 | 1 |
| 931 | 101 | 59 | | | | | | | | | | | 03 | 1 |
| 60 | | | | | | | | | | | | | | |
| 120 | 101 | 43 | | | | | | | | | | | 03 | 6 |
| 155 | 965 | 81996 | | | | | | | | | | | 02 | 8 |
| 390 | 946 | 89982 | 28 | 32 | 214 | 04114 | | | | | | | 02 | 5 |
| 715 | 949 | 87919 | | | | | | | | | | | 02 | 5 |
| 61 | | | | | | | | | | | | | | |
| 642 | 969 | 80846 | 09 | 13 | 246 | 00 7 | 10 | 22 | | | | | 07 | 5 |
| 62 | | | | | | | | | | | | | | |
| 053 | 160 | 70946 | | | 070 | 42 0 | | | | | | | 02 | 7 |
| 366 | 101 | 43 | | | | | | | | | | | 03 | 5 |
| 70 | | | | | | | | | | | | | | |
| 026 | | | | | | | | | | | | | | |
| 133 | 016 | 95991 | 10 | 42 | 893 | 96996 | | | 411 | 95992 | | | 03 | 1 |
| 200 | 990 | 98991 | 07 | 27 | 871 | 95991 | 09 | 16 | 384 | 95993 | | | 03 | 1 |
| 204 | 005 | 98990 | | | 864 | 98999 | | | | | | | 03 | 1 |
| 219 | 976 | 91995 | | | 878 | 90996 | | | | | | | 03 | 1 |
| 261 | 010 | 97990 | | | | | | | | | | | 04 | 1 |
| 273 | 007 | 95991 | 32 | 19 | | | | | | | | | 03 | 1 |
| 291 | 997 | 95998 | | | 867 | 96992 | | | | | | | 03 | 1 |
| 350 | | | | | | | | | | | | | 03 | 1 |
| 361 | 009 | 91999 | 23 | 11 | 884 | 97990 | 28 | 26 | 386 | 98993 | 30 | 18 | 03 | 1 |
| 381 | 008 | 92991 | | | 887 | 95996 | | | | | | | 03 | 1 |
| 398 | | | | | | | | | | | | | 03 | 1 |
| 439 | 080 | 86910 | 23 | 35 | 970 | 00994 | 25 | 34 | 462 | 00990 | | | 03 | 1 |
| 454 | 116 | 81884 | 01 | 70 | 099 | 4 | 52 | 19 | 699 | 6**** | | | 03 | 1 |
| 485 | 101 | 50 | | | | | | | | | | | 03 | 1 |
| 72 | | | | | | | | | | | | | | |
| 202 | 181 | 85994 | 05 | 20 | 067 | 05994 | 02 | 31 | 455 | ***** | | | 03 | 1 |
| 208 | 200 | 84933 | 10 | 22 | 090 | 05999 | 12 | 30 | 468 | 22997 | 07 | 17 | 03 | 1 |
| 211 | 186 | 84990 | | | 076 | 06992 | | | 451 | 18998 | | | 03 | 1 |
| 219 | 190 | 85998 | | | 076 | 05991 | | | 451 | 19992 | | | 03 | 1 |
| 231 | | | | | | | | | | | | | 03 | 1 |
| 240 | 194 | 82851 | | | 089 | 04993 | | | | | | | 03 | 1 |
| 250 | 184 | 82861 | 18 | 10 | 077 | 55996 | 26 | 9 | | | | | 03 | 1 |
| 253 | 199 | 81996 | 21 | 8 | 099 | 03991 | 22 | 28 | 484 | ***** | | | 03 | 1 |
| 259 | 200 | 79997 | 29 | 9 | 106 | 01995 | 28 | 11 | 508 | 05994 | 19 | 4 | 03 | 1 |
| 265 | 192 | 80998 | 19 | 3 | 095 | 02997 | 19 | 8 | 485 | ***** | | | 03 | 1 |
| 270 | 189 | 80877 | | | 091 | 04990 | | | | | | | 03 | 1 |
| 278 | 164 | 83923 | | | 056 | 05996 | | | 470 | ***** | | | 03 | 1 |
| 304 | 199 | 84958 | 30 | 8 | 081 | 08993 | 32 | 9 | 445 | 20997 | | | 03 | 1 |
| 317 | 198 | 84953 | 18 | 10 | 084 | 06993 | 18 | 17 | | | | | 03 | 1 |
| 327 | 182 | 84996 | 02 | 13 | 072 | 03996 | 06 | 14 | | | | | 03 | 1 |
| 340 | 205 | 81853 | 23 | 11 | 104 | 03994 | 22 | 22 | | | | | 03 | 1 |
| 353 | 173 | 84912 | 01 | 14 | 059 | 03999 | 34 | 14 | | | | | 03 | 1 |
| 365 | 180 | 82918 | 31 | 11 | 070 | 07992 | 29 | 17 | | | | | 03 | 1 |
| 386 | 101 | 50 | | | | | | | | | | | 03 | 1 |
| 394 | 166 | 85996 | 21 | 23 | 061 | 02990 | 22 | 28 | | | | | 03 | 1 |
| 405 | 198 | 83934 | | | 092 | 03999 | | | 475 | 21991 | | | 03 | 1 |
| 445 | 193 | 83941 | 06 | 10 | 087 | 03995 | 19 | 4 | 469 | ***** | | | 03 | 1 |
| 451 | 203 | 82992 | | | 098 | 03995 | | | 488 | 18994 | | | 04 | 1 |
| 476 | 186 | 81851 | 22 | 21 | 085 | 03998 | 19 | 20 | | | | | 03 | 1 |
| 486 | 152 | 85998 | | | 040 | 04990 | | | 441 | ***** | | | 03 | 1 |
| 493 | 150 | 88990 | 29 | 16 | 033 | 03990 | 24 | 38 | 450 | 14994 | 27 | 14 | 03 | 1 |
| 506 | 173 | 78905 | 31 | 47 | 072 | 03994 | | | 478 | 16991 | | | 04 | 1 |
| 518 | 159 | 83876 | | | 047 | 05996 | | | 440 | ***** | | | 03 | 1 |
| 520 | 186 | 83991 | | | 077 | 05990 | | | 460 | 14997 | | | 03 | 1 |
| 528 | 991 | 23177 | | | 978 | 25174 | | | 949 | 25165 | | | 03 | 1 |
| 534 | 200 | 82999 | | | 094 | 04990 | | | 488 | 18991 | | | 03 | 1 |
| 536 | 195 | 82999 | | | 085 | 05999 | | | 461 | ***** | | | 03 | 1 |
| 553 | 185 | 83999 | | | 079 | 04993 | | | 465 | 18997 | | | 03 | 1 |
| 562 | 196 | 81999 | | | 092 | 03991 | | | 485 | 19997 | | | 03 | 1 |
| 576 | 168 | 83876 | | | 066 | 02998 | | | | | | | 03 | 1 |
| 597 | 140 | 86923 | 35 | 50 | 020 | 07993 | | | 445 | ***** | | | 03 | 1 |
| 600 | 101 | 50 | | | | | | | | | | | 03 | 1 |
| 606 | 130 | 86901 | | | 010 | 06998 | | | 412 | ***** | | | 03 | 1 |
| 655 | 183 | 83964 | 26 | 30 | 077 | 04991 | 26 | 24 | 471 | 17990 | 28 | 4 | 03 | 1 |
| 681 | 120 | 88963 | | | 996 | 01990 | | | 463 | ***** | | | 03 | 1 |
| 712 | 090 | 89992 | 82 | | 966 | 04999 | | | | | | | 03 | 1 |
| 734 | 164 | 82994 | 31 | 54 | 064 | | | | | | | | 03 | 1 |
| 747 | 176 | 82997 | 28 | 46 | | | | | | | | | 03 | 1 |
| 764 | 168 | 8 947 | 25 | 49 | 062 | 03997 | 25 | 48 | 460 | 12999 | | | 03 | 1 |
| 768 | 133 | | | | | | | | | | | | 03 | 1 |
| 775 | 079 | 91996 | | | 963 | 00992 | | | 411 | ***** | | | 03 | 1 |
| 785 | 053 | 91998 | | | | | | | | | | | 03 | 1 |
| 798 | 081 | 85894 | | | 965 | 05998 | | | | | | | 03 | 1 |
| 815 | 033 | 92995 | 33 | 40 | 904 | | 32 | 46 | 402 | 00992 | | | 03 | 1 |
| 816 | 024 | 94991 | 33 | 33 | 888 | 01990 | 32 | 28 | 395 | 97990 | | | 03 | 1 |
| 826 | 101 | 50 | | | | | | | | | | | 04 | 1 |
| 836 | | | | | | | | | | | | | 03 | 1 |
| 867 | 081 | 91991 | | | 943 | 08991 | | | | | | | 03 | 1 |
| 879 | 043 | 92998 | 19 | 52 | 919 | 97996 | 19 | 52 | 414 | 98999 | 20 | 31 | 03 | 1 |
| 896 | 034 | 93995 | 30 | 30 | 908 | 98995 | 29 | 32 | | | | | 03 | 1 |
| 906 | 002 | 98994 | | | 861 | | | | | | | | 03 | 1 |
| 907 | 005 | 98999 | | | 871 | 98991 | | | 365 | 98999 | | | 03 | 1 |
| 913 | 040 | 93998 | 27 | 42 | | | | | | | | | 03 | 1 |
| 915 | 992 | 97991 | | | 864 | 96991 | | | 381 | 94998 | | | 03 | 1 |
| 917 | 978 | 96994 | 18 | 41 | 857 | 91995 | | | | | | | 03 | 1 |
| 918 | 906 | 94992 | | | 796 | 89998 | | | 307 | 92993 | | | 03 | 1 |
| 924 | 904 | 89962 | | | 816 | 88979 | | | 363 | ***** | | | 03 | 1 |
| 926 | 101 | 59 | | | | | | | | | | | 03 | 1 |
| 934 | 015 | 97993 | | | 876 | 98999 | | | | | | | 03 | 1 |
| 938 | 011 | 92999 | | | 894 | 94992 | | | | | | | 02 | 1 |
| 945 | 040 | 92994 | | | 913 | 00990 | | | 426 | 94998 | | | 03 | 1 |
| 964 | 999 | 94999 | | | | | | | | | | | 03 | 1 |
| 968 | 028 | 91992 | | | 907 | 97999 | | | 435 | 91990 | | | 03 | 1 |
| 74 | | | | | | | | | | | | | | |
| 043 | 026 | 94992 | | | 897 | 97992 | | | 417 | 92992 | | | 03 | 1 |
| 072 | 882 | 94991 | | | 788 | 90991 | | | 328 | 93990 | | | 03 | 1 |
| 074 | 944 | 97993 | | | | | | | | | | | 03 | 1 |
| 090 | 001 | 95 4 | 20 | 29 | 860 | 61990 | 20 | 26 | 369 | 94998 | 00 | | 03 | 1 |
| 109 | | | | | | | | | | | | | 03 | 1 |
| 76 | | | | | | | | | | | | | | |
| 458 | 176 | 83853 | | | 066 | 07991 | | | 556 | ***** | | | 02 | 1 |
| 491 | 176 | 28520 | | | | 06994 | | | | | | | 02 | 1 |
| 644 | 172 | 85949 | | | 050 | 09995 | | | 409 | 20994 | | | 03 | 1 |
| 679 | 181 | 83873 | | | 069 | 06995 | | | | | | | 03 | 1 |
| 78 | | | | | | | | | | | | | | |
| 016 | 172 | 85992 | | | | | | | | | | | 03 | 1 |
| 325 | | | | | | | | | | | | | 03 | 1 |
| 367 | 101 | 43 | | | | | | | | | | | 03 | 1 |
| 395 | 124 | 87999 | 16 | 9 | 996 | 09980 | 13 | 22 | | | | | 03 | 1 |
| 501 | 181 | 83999 | | | 071 | 04997 | | | 445 | 22990 | | | 03 | 1 |
| 525 | | | | | | | | | | | | | 03 | 1 |
| 741 | | | | | | | | | | | | | 03 | 1 |
| 806 | 156 | 84997 | 11 | 5 | 041 | 08990 | 13 | 10 | | | | | 03 | 1 |
| 80 | | | | | | | | | | | | | | |
| 050 | 101 | 42 | | | | | | | | | | | 03 | 1 |
| 91 | | | | | | | | | | | | | | |
| 066 | | | | | | | | | | | | | 03 | 1 |
| 115 | 101 | 59 | | | | | | | | | | | 03 | 1 |
| 182 | 178 | 84998 | 30 | 10 | 061 | 07996 | 27 | 24 | *** | *4471 | 89 | 93 | 03 | 1 |
| 215 | 101 | 43 | | | | | | | | | | | 03 | 1 |
| 275 | 222 | 78996 | 36 | 20 | | | | | | | | | 03 | 1 |
| 334 | 101 | 59 | | | | | | | | | | | 03 | 1 |
| 413 | 101 | 59 | | | | | | | | | | | 03 | 1 |
| 98 | | | | | | | | | | | | | | |
| 645 | 184 | 78899 | | | 092 | 01997 | | | | | | | 03 | 8 |
| QLL | | OCEAN STA | | | | | | | | | | | | |
| 034 | 180 | 85990 | 20 | 13 | 068 | 03998 | 14 | 15 | 459 | 18990 | 14 | 17 | 03 | 9 |
| 035 | 174 | 83856 | 28 | 8 | 065 | 05990 | | | 438 | 20990 | | | 03 | 9 |
| 037 | 194 | 82999 | | | 086 | 04999 | | | 455 | 20990 | | | 03 | 9 |
| 041 | 530 | 88034 | | | 178 | 05991 | | | 507 | 13997 | | | 02 | 2 |
| 044 | 050 | 84990 | | | | | | | | | | | 04 | 9 |
| 051 | 066 | 56 | 02 | 49 | | | | | | | | | 02 | 2 |
| 053 | 045 | 92992 | 22 | 53 | 925 | 97994 | 24 | 37 | 411 | 02982 | | | 03 | 9 |
| 055 | 003 | 95994 | 15 | 12 | 867 | 97999 | | | 377 | 96995 | | | 03 | 9 |
| 062 | 047 | 44530 | 19 | 38 | 926 | 32 | 01 | 51 | 410 | 43**0 | | | 02 | 2 |
| 063 | 999 | 49999 | 04 | 10 | 870 | 95997 | 17 | 12 | | | | | 04 | 9 |
| 134 | 162 | 87990 | 10 | 23 | 016 | 01998 | 16 | 27 | 462 | 15997 | 15 | 11 | 04 | 9 |
| 144 | 146 | 88999 | | | 023 | 06996 | | | | | | | 03 | 9 |
| 223 | 926 | 54 | | | 190 | 74 | | | 129 | 90*** | | | 03 | 1 |
| 235 | | | | | 083 | 97 | | | | | | | 03 | 1 |
| 237 | 152 | 80995 | | | | | | | | | | | 03 | 9 |
| 246 | 101 | 50 | | | | | | | | | | | 03 | 9 |
| 360 | 916 | 93987 | 31 | 56 | 184 | 94992 | 31 | 42 | | | | | 03 | 5 |
| 01 | | | | | | | | | | | | | | |
| 001 | 910 | 98995 | | | 181 | 92996 | | | | | | | 03 | 8 |
| 030 | 891 | 06 3 | | | 158 | 95 5 | | | 620 | 95**5 | | | 03 | 5 |
| 384 | 930 | 91967 | | | 193 | 05993 | | | 644 | 98997 | | | 03 | 5 |
| 415 | 930 | 95993 | | | 193 | 00999 | | | | | | | 03 | 8 |
| 02 | | | | | | | | | | | | | | |
| 057 | 894 | 93998 | | | 170 | 91995 | | | | | | | 03 | 8 |
| 077 | 929 | 89997 | | | 195 | 07999 | | | | | | | 03 | 5 |
| 084 | 934 | 92990 | | | | | | | | | | | 03 | 8 |
| 03 | | | | | | | | | | | | | | |
| 005 | 032 | 47 0 | 23 | 27 | | | | | | | | | 02 | 2 |
| 026 | 053 | 53 0 | | | | | | | | | | | 02 | 2 |
| 171 | 073 | 55 0 | | | 953 | 48 0 | | | 447 | 40**0 | | | 02 | 7 |

# RADIOSONDE AND RAWINSONDE DATA.
## SIGNIFICANT LEVELS

| Index No. III | 1st. 5th. etc. Level PPP | TTTTT ddx | 2nd. 6th. etc. Level PPP | TTTTT ddx | 3rd. 7th. etc. Level PPP | TTTTT ddx | 4th. 8th. etc. Level PPP | TTTTT ddx | Hour GG | Code Type |
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| 427 | 997 | 88820 | 980 | 00810 | 961 | 0*640 | 498 | 90990 | 03 | 2 |
| 42 | | | | | | | | | | |
| 182 | 973 | 2825 | 828 | 1914 | 740 | 1706* | 671 | 1401* | 15 | 8 |
| 339 | 973 | 2624 | 956 | 2323 | 625 | 1006* | 580 | 0451* | 15 | 8 |
| 867 | 966 | 2624 | 350 | 67 | 250 | 88*** | 150 | 11*** | 15 | 8 |
| 909 | 999 | 2725 | 947 | 2624 | 775 | 1515* | 755 | 1311* | 15 | 8 |
| 43 | | | | | | | | | | |
| 063 | 941 | 2421 | 735 | 1508 | 648 | 0603* | 554 | 5159* | 14 | 8 |
| 149 | 996 | 2725 | 952 | 2419 | 920 | 2518* | 630 | 0505* | 14 | 8 |
| 279 | 002 | 2923 | 941 | 2618 | 820 | 79*** | | | 14 | 8 |
| 371 | 003 | 2322 | 535 | 5053 | 250 | 85*** | 150 | 12*** | 15 | 8 |
| 45 | | | | | | | | | | |
| 007 | 003 | 26250 | 950 | 25230 | 900 | 24160 | 800 | 18110 | 22 | 8 |
| 47 | | | | | | | | | | |
| 401 | 012 | 22181 | 928 | 16092 | 832 | 11047 | 724 | 06001 | 03 | 1 |
| 412 | 011 | 20167 | 967 | 16121 | 843 | 10073 | 824 | 08053 | 03 | 1 |
| 580 | 008 | 19153 | 950 | 19191 | 856 | 11107 | 840 | 16133 | 03 | 1 |
| 590 | 007 | 23212 | 983 | 22229 | 960 | 19191 | 920 | 20209 | 04 | 1 |
| 635 | 012 | 32232 | 935 | 24204 | 720 | 10051 | 590 | 03636 | 03 | 1 |
| 646 | 008 | 29249 | 957 | 23217 | 784 | 16129 | 627 | 08128 | 03 | 1 |
| 671 | 012 | 29234 | 949 | 23209 | 930 | 24214 | 890 | 20179 | 03 | 1 |
| 744 | 012 | 28252 | 920 | 24307 | 773 | 16121 | 600 | 04508 | 03 | 1 |
| 778 | 009 | 26242 | 985 | 24227 | 911 | 21182 | 657 | 14091 | 03 | 1 |
| 808 | 011 | 32252 | 560 | 05012 | 400 | 59734 | 245 | 81897 | 03 | 1 |
| 827 | 013 | 31225 | 989 | 26205 | 784 | 17054 | 733 | 14020 | 04 | 1 |
| 931 | | | | | | | | | | |
| 60 | | | | | | | | | | |
| 120 | 013 | 20165 | 958 | 14134 | 942 | 20174 | 898 | 22040 | 03 | 6 |
| 155 | 009 | 20191 | 000 | 17151 | 855 | 14149 | 941 | 18158 | 02 | 8 |
| 390 | 009 | 20181 | 991 | 19195 | 982 | 19195 | 945 | 21164 | 02 | 5 |
| 715 | 010 | 23180 | 000 | 24195 | 955 | 03404 | 916 | 21150 | 02 | 5 |
| 61 | | | | | | | | | | |
| 642 | 007 | 25234 | 914 | 21201 | 902 | 21195 | 883 | 21143 | 07 | 5 |
| 62 | | | | | | | | | | |
| 053 | 998 | 66600 | 690 | 44030 | 662 | 44020 | 580 | 30940 | 02 | 7 |
| 366 | 001 | 22163 | 940 | 17135 | 852 | 19605 | 685 | 10**1 | 03 | 5 |
| 70 | | | | | | | | | | |
| 026 | 018 | 02007 | 972 | 52542 | 947 | 03001 | 918 | 04007 | 03 | 1 |
| 133 | 010 | 09085 | 952 | 13104 | 806 | 07561 | 627 | 57621 | 03 | 1 |
| 200 | 011 | 13099 | 648 | 56573 | | | 550 | 64654 | 03 | 1 |
| 204 | 012 | 05048 | | | | | | | 03 | 1 |
| 219 | 008 | 14081 | 842 | 00501 | 535 | 70739 | 400 | 84943 | 03 | 1 |
| 261 | 993 | 17133 | 776 | 04565 | 455 | 73831 | 400 | 79918 | 03 | 1 |
| 273 | 005 | 16117 | 992 | 14084 | 813 | 03002 | 800 | 04006 | 03 | 1 |
| 291 | 946 | 17106 | 778 | 03501 | 400 | 81876 | | | 03 | 1 |
| 350 | 010 | 11078 | 940 | 08062 | 820 | 07061 | 767 | 03015 | 03 | 1 |
| 361 | 012 | | 642 | 603 | 400 | 80881 | | | 03 | 1 |
| 381 | 010 | 13104 | | 02013 | 400 | 81910 | | | 03 | 1 |
| 398 | 009 | 15123 | 660 | 55581 | 594 | 59736 | 570 | 60753 | 03 | 1 |
| 439 | 006 | 07069 | 951 | 03041 | 856 | 05024 | 831 | 05004 | 03 | 1 |
| 454 | 013 | 08089 | 925 | 05050 | 900 | 06069 | 800 | 03022 | 03 | 1 |
| 485 | 011 | 09095 | 998 | 10082 | | | 827 | 08057 | 03 | 1 |
| 72 | | | | | | | | | | |
| 202 | 021 | 27217 | 935 | 28182 | 908 | 19144 | 860 | 19550 | 03 | 1 |
| 208 | 021 | 23229 | 910 | 26241 | 925 | 23154 | 890 | 20158 | 03 | 1 |
| 211 | 021 | 26222 | 824 | 14113 | 628 | 03531 | 612 | 02605 | 03 | 1 |
| 219 | 989 | 26203 | 978 | 27186 | 788 | 13077 | 537 | 54644 | 03 | 1 |
| 231 | 021 | 27236 | 400 | 67706 | 328 | 77802 | | | 03 | 1 |
| 240 | 018 | 26248 | 436 | 63656 | 400 | 67704 | 258 | 90931 | 03 | 1 |
| 250 | 012 | 26243 | 452 | 59701 | 400 | 65769 | 335 | 75807 | 03 | 1 |
| 253 | 988 | 26202 | 975 | 26201 | 905 | 21184 | 610 | 03527 | 03 | 1 |
| 259 | 994 | 24228 | 966 | 28806 | 890 | 23170 | 400 | 66752 | 03 | 1 |
| 265 | 926 | 29119 | 680 | 07048 | 580 | 02551 | 470 | 58635 | 03 | 1 |
| 270 | 627 | 03006 | 400 | 66703 | 254 | 90963 | 138 | 22997 | 03 | 1 |
| 278 | 970 | 31174 | 740 | 13061 | 580 | 51632 | 556 | 51604 | 03 | 1 |
| 304 | 022 | 26251 | 980 | 24202 | 936 | 24162 | 770 | 14046 | 03 | 1 |
| 317 | 990 | 25233 | 976 | 28239 | 942 | 27197 | 774 | 14037 | 03 | 1 |
| 327 | 000 | 26213 | 986 | 27192 | 887 | 19142 | 814 | 16065 | 03 | 1 |
| 340 | 008 | 24238 | 573 | 00525 | 400 | 65713 | 260 | 89923 | 03 | 1 |
| 353 | 969 | 28205 | 794 | 16118 | 564 | 53543 | 527 | 57629 | 03 | 1 |
| 365 | 838 | 24148 | 630 | 05020 | 400 | 66775 | 272 | 88971 | 03 | 1 |
| 386 | 933 | 32585 | 918 | 33993 | 752 | 16595 | 674 | 07609 | 03 | 1 |
| 394 | 008 | 15121 | 997 | 13101 | 950 | 15127 | 890 | 21013 | 03 | 1 |
| 405 | 018 | 25192 | 990 | 26174 | 967 | 25133 | 925 | 22158 | 03 | 1 |
| 445 | 988 | 26225 | 967 | 27202 | 722 | 09078 | 566 | 01643 | 03 | 1 |
| 451 | 923 | 25184 | 901 | 28172 | 595 | 02512 | 561 | 00567 | 04 | 1 |
| 476 | 853 | 23137 | 742 | 13084 | 605 | 02506 | 400 | 65699 | 03 | 1 |
| 486 | 808 | 19524 | 802 | 23531 | 505 | 60679 | 487 | 58769 | 03 | 1 |
| 493 | 016 | 15116 | 981 | 11096 | 968 | 11095 | 954 | 18065 | 03 | 1 |
| 506 | 018 | 20175 | 970 | 23112 | 832 | 12047 | 808 | 14534 | 04 | 1 |
| 518 | 007 | 17145 | 983 | 24155 | 934 | 20087 | 902 | 21044 | 03 | 1 |
| 520 | 976 | 25217 | 970 | 27221 | 440 | 62745 | 400 | 67809 | 03 | 1 |
| 528 | 318 | 80844 | | | | | | | 03 | 1 |
| 534 | 997 | 25222 | 989 | 27226 | 612 | 02534 | 570 | 50644 | 03 | 1 |
| 536 | 996 | 26287 | 980 | 25212 | 613 | 01527 | 585 | 50628 | 03 | 1 |
| 553 | 977 | 28234 | 903 | 24181 | 806 | 17138 | 677 | 09589 | 03 | 1 |
| 562 | 913 | 26174 | 906 | 29165 | 898 | 29155 | 672 | 09054 | 03 | 1 |
| 576 | 826 | 24029 | 813 | 26507 | 522 | 56612 | 400 | 66784 | 03 | 1 |
| 597 | 970 | 22084 | 772 | 06005 | 732 | 05617 | 667 | 02554 | 03 | 1 |
| 600 | 013 | 14127 | 911 | 08029 | 878 | 09504 | 764 | 03579 | 03 | 1 |
| 606 | 015 | 19137 | 007 | 23127 | 655 | 00548 | 641 | 00586 | 03 | 1 |
| 655 | 975 | 28236 | 954 | 29216 | 778 | 19514 | 754 | 16056 | 03 | 1 |
| 681 | 914 | 23032 | 905 | 23027 | 885 | 22017 | 675 | 02555 | 03 | 1 |
| 712 | 994 | 13075 | 990 | 19088 | 982 | 21052 | 752 | 02543 | 03 | 1 |
| 734 | 988 | 18177 | 970 | 18176 | 950 | 20183 | 814 | 13073 | 03 | 1 |
| 747 | 970 | 22201 | 965 | 25206 | 927 | 25197 | 825 | 18143 | 03 | 1 |
| 764 | 943 | 31208 | 918 | 32177 | 542 | 53613 | 468 | 60657 | 03 | 1 |
| 768 | 925 | 07514 | 520 | 57607 | 456 | 65687 | 400 | 71788 | 03 | 1 |
| 775 | 884 | 16131 | 803 | 12046 | 668 | 00529 | 582 | 57613 | 03 | 1 |
| 785 | 931 | 18527 | 628 | 56713 | 430 | 76882 | 400 | 79993 | 03 | 1 |
| 798 | 008 | 13126 | 733 | 50529 | 654 | 53562 | 400 | 70731 | 03 | 1 |
| 815 | 012 | 09062 | 898 | 05026 | 874 | 05024 | 831 | 02003 | 03 | 1 |
| 816 | 007 | 12108 | 960 | 13045 | 618 | 59745 | 400 | 79897 | 03 | 1 |
| 826 | 950 | 11091 | 763 | 01019 | 625 | 57594 | 101 | 58*** | 04 | 1 |
| 836 | 010 | 19187 | 938 | 19149 | 888 | 16125 | 624 | 52664 | 03 | 1 |
| 867 | 975 | 18138 | 929 | 22155 | 400 | 74785 | 216 | 08994 | 03 | 1 |
| 879 | 927 | 19142 | 756 | 07538 | 630 | 55591 | 543 | 60687 | 03 | 1 |
| 896 | 931 | 13122 | 885 | 13071 | 555 | 63558 | 400 | 80852 | 03 | 1 |
| 906 | 007 | 12104 | 988 | 13105 | 894 | 08041 | 618 | 59627 | 03 | 1 |
| 907 | 012 | 08067 | 979 | 07041 | 946 | 07033 | 791 | 01643 | 03 | 1 |
| 913 | 011 | 09085 | 973 | 12092 | 903 | 12038 | 722 | 51551 | 03 | 1 |
| 915 | 003 | 11091 | 925 | 05058 | 798 | 00503 | 753 | 52567 | 03 | 1 |
| 917 | 010 | 08012 | 970 | 10012 | 778 | 51535 | 400 | 83862 | 03 | 1 |
| 918 | 004 | 05012 | 993 | 07035 | 808 | 53**9 | 400 | 89983 | 03 | 1 |
| 924 | 998 | 03022 | 408 | 90961 | 400 | 90995 | 388 | 89961 | 03 | 1 |
| 926 | | | | | | | | | | |
| 934 | 983 | 19111 | 836 | 07007 | 520 | 68803 | 400 | 80993 | 03 | 1 |
| 938 | 005 | 14509 | 903 | 07559 | 779 | 52604 | 755 | 50634 | 02 | 1 |
| 945 | 959 | 23105 | 929 | | | | | | 03 | 1 |
| 964 | 923 | 15074 | 857 | 08021 | 717 | 53560 | 575 | 62654 | 03 | 1 |
| 968 | 009 | 10048 | 883 | 02535 | 854 | 03555 | 752 | 01620 | 03 | 1 |
| 74 | | | | | | | | | | |
| 043 | 995 | 19077 | 625 | 56628 | 549 | 63664 | 400 | 79995 | 03 | 1 |
| 072 | 997 | 01004 | 894 | 54558 | 814 | 55568 | 790 | 55555 | 03 | 1 |
| 074 | 002 | 05035 | 923 | 04026 | 897 | 06004 | 570 | 66692 | 03 | 1 |
| 090 | 008 | 05026 | 985 | 17083 | 957 | 15033 | 675 | 56614 | 03 | 1 |
| 109 | 012 | 13121 | 944 | 10074 | 568 | 54564 | 400 | 67714 | 03 | 1 |
| 76 | | | | | | | | | | |
| 458 | 009 | 30243 | 950 | 24214 | 922 | 24175 | 593 | 01543 | 02 | 1 |
| 491 | 974 | 30208 | 806 | 15123 | 752 | 10073 | 718 | 09045 | 02 | 1 |
| 644 | 013 | 29251 | 983 | 28211 | 933 | 24178 | 818 | 15127 | 03 | 1 |
| 679 | 777 | 16112 | 701 | 10041 | 610 | 02003 | 505 | 56594 | 03 | 1 |
| 78 | | | | | | | | | | |
| 016 | 019 | 24195 | 915 | 15143 | 751 | 20535 | 572 | 51990 | 03 | 1 |
| 325 | 014 | 26249 | | | | | | | 03 | 1 |
| 367 | 013 | 27213 | 814 | 14110 | 797 | 14095 | 666 | 07541 | 03 | 1 |
| 395 | 011 | 23221 | 766 | 07036 | 730 | 05515 | 615 | 51588 | 03 | 1 |
| 501 | 015 | 26244 | 782 | 13082 | 724 | 10547 | 654 | 05634 | 03 | 1 |
| 525 | 018 | 26239 | 980 | 24216 | 797 | 13101 | 767 | 14558 | 03 | 1 |
| 741 | 007 | 26206 | 715 | 14110 | 737 | 10072 | 661 | 04013 | 03 | 1 |
| 806 | 010 | 24237 | 784 | 16105 | 645 | 04555 | 588 | 50563 | 03 | 1 |
| 80 | | | | | | | | | | |
| 050 | | | | | | | | | | |
| 91 | | | | | | | | | | |
| 066 | 012 | 23201 | 930 | 17151 | 875 | 15129 | 750 | 08064 | 03 | 1 |
| 115 | | | | | | | | | | |
| 182 | 015 | 25200 | 725 | 07036 | 710 | 12519 | 701 | 12628 | 03 | 1 |
| 215 | 002 | 31248 | 820 | 16145 | 775 | 12026 | 583 | 01572 | 03 | 1 |
| 275 | 013 | 29236 | 820 | 17142 | 803 | 25095 | 762 | 26532 | 03 | 1 |
| 334 | | | | | | | | | | |
| 413 | | | | | | | | | | |
| 98 | | | | | | | | | | |
| 645 | 004 | 30233 | 880 | 19164 | 838 | 17126 | 490 | 55625 | 03 | 8 |
| QLL | | OCEAN | STA | | | | | | | |
| 034 | 020 | 25231 | 963 | 21192 | 772 | 13063 | 640 | 03614 | 03 | 9 |
| 035 | 016 | 26241 | 824 | 13124 | 807 | 15102 | 584 | 50537 | 03 | 9 |
| 037 | 021 | 26205 | 935 | 19148 | 921 | 19118 | 885 | 16048 | 03 | 9 |
| 041 | 023 | 20182 | 894 | 09089 | 880 | 18089 | 840 | 07013 | 02 | 2 |
| 044 | 005 | 15130 | 930 | 11024 | 778 | 00547 | 762 | 04511 | 04 | 9 |
| 051 | 014 | 59580 | | | | | | | 02 | 2 |
| 053 | 003 | 11092 | 905 | 04039 | 840 | 07502 | 805 | 06565 | 03 | 9 |
| 055 | 011 | 07061 | 979 | 05334 | 965 | 06048 | 907 | 07031 | 03 | 9 |
| 062 | 007 | 55530 | 838 | 41340 | 796 | 34250 | 780 | 39220 | 02 | 2 |
| 063 | 001 | 09093 | 610 | 58622 | 588 | 59716 | 558 | 61741 | 04 | 9 |
| 134 | 022 | 30191 | 836 | 10089 | 817 | 11034 | 803 | 11044 | 04 | 9 |
| 144 | 027 | 12129 | 839 | 12068 | 713 | 02531 | 678 | 03685 | 03 | 9 |
| 223 | 013 | 28 | 943 | 23 | 760 | 13*** | 660 | 07*** | 03 | 1 |
| 235 | 014 | 20 | 940 | 14 | 880 | 16*** | 391 | 67*** | 03 | 1 |
| 237 | 022 | 23188 | 990 | 22171 | 945 | 19162 | 823 | 11056 | 03 | 9 |
| 246 | 011 | 12118 | 930 | 11099 | 780 | 06026 | 685 | 04990 | 03 | 9 |
| 360 | 014 | 10081 | 919 | 02009 | 767 | 51533 | 400 | 80854 | 03 | 5 |
| 01 | | | | | | | | | | |
| 001 | 023 | 03084 | 965 | 00005 | 957 | 02025 | 900 | 01508 | 03 | 8 |
| 030 | 013 | 08049 | 942 | 00007 | 910 | 01006 | 838 | 53547 | 03 | 5 |
| 384 | 989 | 11049 | 936 | 09013 | 919 | 10030 | 907 | 08015 | 03 | 5 |
| 415 | 014 | 12106 | 945 | 09049 | 921 | 10055 | 880 | 08029 | 03 | 8 |
| 02 | | | | | | | | | | |
| 057 | 004 | 09082 | 832 | 50505 | 763 | 53530 | 697 | 58581 | 03 | 8 |
| 077 | 011 | 10053 | 000 | 13074 | 740 | 52561 | 719 | 50569 | 03 | 5 |
| 084 | 013 | 15126 | 950 | 10104 | 930 | 12094 | 821 | 07037 | 03 | 8 |
| 03 | | | | | | | | | | |
| 005 | | | | | | | | | | |
| 026 | 014 | 52490 | | | | | | | 02 | 2 |
| 171 | 014 | 60580 | 005 | 63600 | 475 | 01920 | 290 | 51**0 | 02 | 7 |

# RADIOSONDE AND RAWINSONDE DATA.
## SIGNIFICANT LEVELS

| Index No. III | 1st. 5th. etc. Level PPP | TTTTT ddx | 2nd. 6th. etc. Level PPP | TTTTT ddx | 3rd. 7th. etc. Level PPP | TTTTT ddx | 4th. 8th. etc. Level PPP | TTTTT ddx | Hour GG | Code Type |
|---|---|---|---|---|---|---|---|---|---|---|
| 40 | | | | | | | | | | |
| 427 | 480 | 290 | 456 | 10410 | 435 | 99940 | 340 | 99730 | 03 | 2 |
| 42 | | | | | | | | | | |
| 182 | 171 | 13 | 150 | 16 | 139 | 17*** | | | 15 | 8 |
| 339 | 250 | 93 | 175 | 15 | 134 | 19*** | | | 15 | 8 |
| 867 | | | | | | | | | | |
| 909 | 731 | 1307 | 676 | 1005 | 626 | 0701* | 417 | 55*** | 15 | 8 |
| 43 | | | | | | | | | | |
| 063 | 462 | 56 | 440 | 60 | 400 | 64*** | | | 14 | 8 |
| 149 | 260 | 85 | | | | | | | 14 | 8 |
| 279 | | | | | | | | | | |
| 371 | | | | | | | | | | |
| 45 | | | | | | | | | | |
| 007 | 750 | 15070 | 650 | 09530 | 600 | 05610 | 550 | | 22 | 8 |
| 47 | | | | | | | | | | |
| 401 | 629 | 02601 | 364 | 72844 | 355 | 75866 | 325 | 78891 | 03 | 1 |
| 412 | 667 | 05562 | 585 | 50649 | 456 | 62762 | 400 | 68811 | 03 | 1 |
| 580 | 618 | 01006 | 400 | 62669 | 337 | 69774 | 250 | 95916 | 03 | 1 |
| 590 | 800 | 12128 | 773 | 12113 | 667 | 05037 | 600 | 52577 | 04 | 1 |
| 635 | 400 | 66792 | 244 | 90990 | 142 | 13996 | 093 | 14991 | 03 | 1 |
| 646 | 397 | 64737 | 232 | 90994 | 140 | 12990 | 115 | 12990 | 03 | 1 |
| 671 | 845 | 20149 | 760 | 14102 | 677 | 08525 | 646 | 68645 | 03 | 1 |
| 744 | 400 | 65714 | 283 | 72854 | 247 | 85992 | 153 | 08992 | 03 | 1 |
| 778 | 627 | 05009 | 596 | 02559 | 551 | 01606 | 432 | 60714 | 03 | 1 |
| 808 | 150 | 03999 | 100 | 07995 | | | | | 03 | 1 |
| 827 | 600 | 03583 | 549 | 51609 | 452 | 60700 | 400 | 65764 | 04 | 1 |
| 931 | | | | | | | | | | |
| 60 | | | | | | | | | | |
| 120 | 598 | 00990 | 518 | 59748 | 468 | 67786 | 460 | 65817 | 03 | 6 |
| 155 | 900 | 23108 | 835 | 23017 | 830 | 21514 | | 21571 | 02 | 8 |
| 390 | 930 | 20121 | 888 | 20064 | 827 | 15014 | 793 | 15005 | 02 | 5 |
| 715 | 810 | 12006 | 776 | 12065 | 722 | 08022 | 482 | 64694 | 02 | 5 |
| 61 | | | | | | | | | | |
| 642 | 815 | 15154 | 705 | 09082 | 642 | 03019 | 489 | 56585 | 07 | 5 |
| 62 | | | | | | | | | | |
| 053 | 560 | 31940 | 114 | 02 0 | 055 | 27**0 | | | 02 | 7 |
| 366 | 552 | 05 0 | 454 | 54 0 | 400 | 63**0 | | | 03 | 5 |
| 70 | | | | | | | | | | |
| 026 | 772 | 01179 | 747 | 01675 | 668 | 54674 | 596 | 59671 | 03 | 1 |
| 133 | 587 | 58767 | 544 | 13735 | | | 453 | 73884 | 03 | 1 |
| 200 | 400 | 81858 | 348 | 90933 | 281 | 00992 | 122 | 95992 | 03 | 1 |
| 204 | | | 400 | 82902 | 347 | 89939 | 268 | 03998 | 03 | 1 |
| 219 | 348 | 89001 | 335 | 88998 | 142 | 94990 | | | 03 | 1 |
| 261 | | 2 | 993 | 1 | 2 | | | | 04 | 1 |
| 273 | 646 | 55106 | 622 | 57682 | 488 | 69832 | 418 | 76995 | 03 | 1 |
| 291 | 332 | 90932 | 266 | 02991 | 237 | 02997 | 181 | 94999 | 03 | 1 |
| 350 | 692 | 52530 | 577 | 58596 | 496 | 66681 | 460 | 69803 | 03 | 1 |
| 361 | 310 | 90963 | 241 | 03995 | 075 | 95992 | | | 03 | 1 |
| 381 | 324 | 88947 | 236 | 00997 | 165 | 95996 | | | 03 | 1 |
| 398 | 400 | 78990 | 360 | 80871 | | | | | 03 | 1 |
| 439 | 812 | 05517 | 760 | 03530 | 164 | 50733 | | 77991 | 03 | 1 |
| 454 | 742 | 01542 | 713 | 00761 | 400 | 77990 | 250 | 90972 | 03 | 1 |
| 485 | 673 | 00543 | 577 | 55811 | 437 | 65757 | 400 | 70802 | 03 | 1 |
| 72 | | | | | | | | | | |
| 202 | 830 | 16045 | 802 | 15564 | 647 | 04556 | 593 | 00652 | 03 | 1 |
| 208 | 860 | 20514 | 838 | 19043 | 812 | 18563 | 782 | 15515 | 03 | 1 |
| 211 | 518 | 56736 | 400 | 69990 | 388 | 70849 | 377 | 72837 | 03 | 1 |
| 219 | 468 | 60765 | 450 | 62991 | 400 | 70841 | 384 | 81937 | 03 | 1 |
| 231 | | | | | | | | | | |
| 240 | 158 | 15996 | 152 | 15994 | | | | | 03 | 1 |
| 250 | 285 | 84392 | 153 | 20997 | 141 | 19998 | | | 03 | 1 |
| 253 | 400 | 68811 | 375 | 69796 | 350 | 72854 | 148 | 17992 | 03 | 1 |
| 259 | 352 | 70848 | 252 | 89998 | 156 | 04991 | 095 | 05995 | 03 | 1 |
| 265 | 451 | 60690 | 418 | 64704 | 400 | 66768 | 382 | 67839 | 03 | 1 |
| 270 | 124 | 18994 | 120 | 19993 | | | | | 03 | 1 |
| 278 | 400 | 68821 | 352 | 74844 | 265 | 90973 | 168 | 14995 | 03 | 1 |
| 304 | 666 | 06512 | 625 | 03563 | 600 | 02657 | 485 | 58755 | 03 | 1 |
| 317 | 750 | 13071 | 678 | 08028 | 618 | 04665 | 564 | 50707 | 03 | 1 |
| 327 | 655 | 04004 | 570 | 51575 | 469 | 60767 | 456 | 62707 | 03 | 1 |
| 340 | 178 | 00990 | 146 | 12999 | | | | | 03 | 1 |
| 353 | 400 | 69773 | 342 | 77813 | 276 | 90963 | 126 | 18997 | 03 | 1 |
| 365 | 168 | 15995 | 144 | 17993 | | | | | 03 | 1 |
| 386 | 646 | 06651 | 620 | 05990 | 101 | 58*** | | | 03 | 1 |
| 394 | 748 | 11605 | 400 | 69994 | 178 | 06996 | | | 03 | 1 |
| 405 | 903 | 22102 | 894 | 22509 | 734 | 12571 | 727 | 11026 | 03 | 1 |
| 445 | 550 | 51593 | 400 | 67811 | 276 | 87986 | 118 | 21994 | 03 | 1 |
| 451 | 548 | 00631 | 472 | 56720 | 400 | 65992 | 114 | 21993 | 04 | 1 |
| 476 | 254 | 90933 | 187 | 07997 | | | | | 03 | 1 |
| 486 | 400 | 69999 | 279 | 88998 | 159 | 11999 | 115 | 16994 | 03 | 1 |
| 493 | 918 | 18564 | 878 | 18998 | 800 | 14991 | 788 | 14997 | 03 | 1 |
| 506 | 790 | 13561 | 764 | 11011 | 452 | 62784 | 400 | 68995 | 04 | 1 |
| 518 | 817 | 15005 | 792 | 14537 | 736 | 1008* | 604 | 51581 | 03 | 1 |
| 520 | 353 | 74882 | 267 | 89994 | 156 | 17994 | 137 | 19994 | 03 | 1 |
| 528 | | | | | | | | | | |
| 534 | 545 | 52630 | 533 | 53713 | 520 | 53638 | 430 | 60766 | 03 | 1 |
| 536 | 576 | 51563 | 400 | 66773 | 360 | 72864 | 274 | 87996 | 03 | 1 |
| 553 | 523 | 53992 | 503 | 55663 | 480 | 57705 | 442 | 62994 | 03 | 1 |
| 562 | 619 | 07545 | 400 | 66783 | 332 | 76883 | 137 | 17993 | 03 | 1 |
| 576 | 320 | 81855 | 260 | 89958 | 160 | 13990 | 138 | 13998 | 03 | 1 |
| 597 | 602 | 52587 | 400 | 70810 | 280 | 90960 | 186 | 09995 | 03 | 1 |
| 600 | 738 | 04588 | 665 | 50645 | 623 | 52648 | 458 | 69806 | 03 | 1 |
| 606 | 400 | 72759 | 287 | 89923 | 212 | 05998 | 158 | 14997 | 03 | 1 |
| 655 | 714 | 12051 | 689 | 11624 | 623 | 04597 | 585 | 56752 | 03 | 1 |
| 681 | 612 | 52593 | 600 | 53671 | 554 | 58724 | 495 | 59717 | 03 | 1 |
| 712 | 742 | 03644 | 728 | 02695 | 550 | 62651 | 492 | 64803 | 03 | 1 |
| 734 | 780 | 14047 | 654 | 05639 | 572 | 01999 | 400 | 69993 | 03 | 1 |
| 747 | 775 | 17511 | 569 | 51573 | 453 | 64684 | 435 | 64784 | 03 | 1 |
| 764 | 455 | 61707 | 412 | 68765 | 400 | 68803 | 265 | 89007 | 03 | 1 |
| 768 | 370 | 73854 | 318 | 80900 | | | | | 03 | 1 |
| 775 | 565 | 56685 | 536 | 59787 | 400 | 76993 | 322 | 88999 | 03 | 1 |
| 785 | 316 | 88984 | 271 | 95999 | | | | | 03 | 1 |
| 798 | 274 | 90932 | 204 | 06990 | 127 | 04998 | | | 03 | 1 |
| 815 | 810 | 04002 | 579 | 58752 | 448 | 73771 | 426 | 72798 | 03 | 1 |
| 816 | 327 | 90990 | 223 | 07996 | 183 | 96990 | 077 | 97995 | 03 | 1 |
| 826 | | | | | | | | | | |
| 836 | 583 | 56682 | 488 | 63757 | 101 | 58*** | | | 03 | 1 |
| 867 | 179 | 07997 | | | | | | | 03 | 1 |
| 879 | 464 | 69840 | 400 | 78843 | 230 | 01993 | 218 | 97994 | 03 | 1 |
| 896 | 330 | 90950 | 232 | 02992 | 158 | 97993 | 101 | 47*** | 03 | 1 |
| 906 | 550 | 67693 | 532 | 66734 | 465 | 73837 | 400 | 81998 | 03 | 1 |
| 907 | 629 | 58744 | 565 | 63745 | 400 | 82853 | 349 | 90940 | 03 | 1 |
| 913 | 683 | 51686 | 618 | 56654 | 564 | 60754 | 538 | 63705 | 03 | 1 |
| 915 | 680 | 56562 | 610 | 60627 | 580 | 64643 | 567 | 64651 | 03 | 1 |
| 917 | 352 | 89939 | 261 | 01998 | 148 | 91995 | 101 | 58*** | 03 | 1 |
| 918 | 343 | 94996 | 265 | 97990 | 091 | 92997 | | | 03 | 1 |
| 924 | 122 | 91997 | | | | | | | | |
| 926 | | | | | | | | | | |
| 934 | 245 | 05999 | 120 | 97995 | 101 | 58*** | | | 03 | 1 |
| 938 | 585 | 59714 | 400 | 78881 | 250 | 98999 | 129 | 89997 | 02 | 1 |
| 945 | | | 353 | 85965 | 226 | 02996 | 166 | 95993 | 03 | 1 |
| 964 | 468 | 72779 | 400 | 81864 | 262 | 00995 | 101 | 58*** | 03 | 1 |
| 968 | 744 | 01603 | 400 | 77897 | 226 | 01996 | 046 | 85997 | 03 | 1 |
| 74 | | | | | | | | | | |
| 043 | 237 | 03992 | 074 | 90992 | | | | | 03 | 1 |
| 072 | 400 | 89994 | 306 | 94999 | 256 | 89990 | 100 | 93990 | 03 | 1 |
| 074 | 400 | 86911 | 370 | 90952 | 315 | 98996 | 222 | 90991 | 03 | 1 |
| 090 | 652 | 59634 | 598 | 62686 | 533 | 68726 | 449 | 76827 | 03 | 1 |
| 109 | 335 | 75783 | 101 | 55 | | | | | 03 | 1 |
| 76 | | | | | | | | | | |
| 458 | 565 | 51613 | 858 | 52607 | 480 | 58639 | 400 | 68785 | 02 | 1 |
| 491 | 706 | 10533 | 630 | 04607 | | 00457 | 543 | 52651 | 02 | 1 |
| 644 | 786 | 13047 | 570 | 11031 | 673 | 07554 | 586 | 04664 | 03 | 1 |
| 679 | 425 | 63717 | 400 | 67722 | 338 | 76837 | 310 | 81852 | 03 | 1 |
| 78 | | | | | | | | | | |
| 016 | 400 | 69992 | 267 | 89992 | 101 | 55*** | | | 03 | 1 |
| 325 | | | | | | | | | | |
| 367 | 577 | 00990 | 553 | 52995 | 542 | 52993 | 456 | 60990 | 03 | 1 |
| 395 | | | | | 400 | 70914 | 285 | 90*** | 03 | 1 |
| 501 | 613 | 02599 | 600 | 01675 | 521 | 53727 | 400 | 68996 | 03 | 1 |
| 525 | 754 | 14597 | | | | | | | 03 | 1 |
| 741 | 606 | 01548 | 550 | 50577 | 520 | 55990 | 101 | 55*** | 03 | 1 |
| 806 | 484 | 59653 | 427 | 65797 | 400 | 69993 | 270 | 90990 | 03 | 1 |
| 80 | | | | | | | | | | |
| 050 | | | | | | | | | | |
| 91 | | | | | | | | | | |
| 066 | 722 | 06039 | 697 | 05023 | 658 | 03018 | 580 | 52549 | 03 | 1 |
| 115 | | | | | | | | | | |
| 182 | 651 | 09994 | 584 | 04676 | 477 | 57759 | 400 | 67996 | 03 | 1 |
| 215 | 557 | 00543 | 524 | 52614 | 491 | 56610 | 449 | 59696 | 03 | 1 |
| 275 | 744 | 15584 | 671 | 15991 | 550 | 05995 | 400 | 63990 | 03 | 1 |
| 334 | | | | | | | | | | |
| 413 | | | | | | | | | | |
| 98 | | | | | | | | | | |
| 645 | 341 | 71849 | 265 | 85949 | 109 | 27997 | | | 03 | 8 |
| QLL | | OCEAN | STA | | | | | | | |
| 034 | 598 | 50606 | 585 | 00674 | 435 | 66804 | 414 | 69801 | 03 | 9 |
| 035 | 540 | 54613 | 479 | 60652 | 467 | 61691 | 438 | 64707 | 03 | 9 |
| 037 | 864 | 17545 | 808 | 16505 | 585 | 00637 | 596 | 00659 | 03 | 9 |
| 041 | 795 | 08017 | 668 | 00600 | 625 | 53628 | 534 | 60840 | 02 | 2 |
| 044 | 586 | 56738 | 400 | 67993 | 370 | 78992 | 344 | 83991 | 04 | 9 |
| 051 | | | | | | | | | 02 | 2 |
| 053 | 748 | 04616 | 629 | 52666 | 613 | 54626 | 593 | 55701 | 03 | 9 |
| 055 | 400 | 80849 | 333 | 90941 | 238 | 05995 | 068 | 96997 | 03 | 9 |
| 062 | 728 | 37130 | 532 | 07970 | 470 | 02940 | 369 | 81710 | 02 | 2 |
| 063 | 525 | 63705 | 400 | 77843 | 140 | 95995 | | | 04 | 9 |
| 134 | 755 | 10572 | 747 | 10522 | 653 | 06654 | 600 | 01998 | 04 | 9 |
| 144 | 637 | 03682 | 471 | 64812 | 410 | 72992 | 152 | 10990 | 03 | 9 |
| 223 | 563 | 01 | 453 | 58 | 349 | 69*** | 244 | 82*** | 03 | 1 |
| 235 | 181 | 00 | | | | | | | 03 | 1 |
| 237 | 701 | 10025 | 747 | 06548 | 716 | 05637 | 692 | 03072 | 03 | 5 |
| 246 | 600 | 51990 | 101 | 58 | | | | | 03 | 9 |
| 360 | 253 | 01 | 240 | 98 | 140 | 94*** | | | 03 | 5 |
| 01 | | | | | | | | | | |
| 001 | 810 | 52591 | 747 | 57606 | 685 | 58676 | 400 | 85941 | 03 | 8 |
| 030 | 812 | 54543 | 400 | 89923 | 302 | 06**7 | 290 | 03**8 | 03 | 5 |
| 384 | 773 | 03536 | 658 | 53564 | 648 | 53566 | 466 | 68712 | 03 | 5 |
| 415 | 800 | 05042 | 740 | 01513 | 686 | 54540 | 649 | 54586 | 03 | 8 |
| 02 | | | | | | | | | | |
| 057 | 655 | 60601 | 343 | 97993 | 241 | 89999 | 178 | 92996 | 03 | 8 |
| 077 | 200 | 07999 | 191 | 00998 | | | | | 03 | 5 |
| 084 | 779 | 05508 | 749 | 06513 | 521 | 62701 | 269 | 98990 | 03 | 8 |
| 03 | | | | | | | | | | |
| 005 | | | | | | | | | | |
| 026 | | | | | | | | | | |
| 171 | 260 | 51 0 | 216 | 49 .0 | 213 | 41**0 | | | 02 | 7 |

## RADIOSONDE AND RAWINSONDE DATA

| Index No. iii | Station Name | 1000 mb. hhh | TTTTT ddx | dd | ff | 850 mb. hhh | TTTTT ddx | dd | ff | 700 mb. hhh | TTTTT ddx | dd | ff | 500 mb. hhh | TTTTT ddx | dd | ff | Hour GG | Code Type |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 322 | FAZAKERLEY | 051 | 63580 | 20 | 18 | 500 | 53490 | 28 | 23 | 025 | 39280 | 29 | 30 | 901 | 13760 | 30 | 38 | 08 | 2 |
| 476 | DOWNHAM MKT | 047 | 64630 | 32 | 15 | 500 | 53480 | 28 | 14 | 025 | 38140 | 26 | 29 | 890 | 05000 | | | 02 | 2 |
| 743 | LARKHILL | 052 | 60580 | | | 553 | 34320 | 29 | 2 | 027 | 38180 | 29 | 21 | 895 | 08800 | 26 | 26 | 02 | 2 |
| 808 | CAMBORNE | 058 | 63620 | 29 | 15 | 506 | 58440 | 29 | 18 | 034 | 40130 | 30 | 15 | 904 | 11740 | | | 02 | 2 |
| 917 | ALDERGROVE | 050 | 56530 | 30 | 12 | 495 | 49410 | 27 | 28 | 021 | 36310 | 27 | 22 | 888 | 09980 | 28 | 40 | 02 | 2 |
| 953 | VALENTIA | 051 | 62 0 | | | 504 | 53 0 | | | 031 | 39**0 | | | 907 | 13**0 | | | 03 | 7 |
| | BLOCK 04 | | | | | | | | | | | | | | | | | | |
| 018 | KEFLAVIK | 021 | 10107 | | | 461 | 04034 | | | 973 | 53557 | 12 | 23 | 822 | 67718 | 16 | 17 | 03 | 1 |
| 202 | THULE | 034 | 08021 | 30 | 3 | 473 | 04512 | | | *** | ***** | 17 | 13 | 826 | 71747 | 19 | 24 | 03 | 1 |
| 270 | NARSSARSSUAK | 025 | 15550 | 09 | 20 | 469 | 05536 | 01 | 25 | 978 | 56602 | 09 | 13 | 820 | 70766 | 06 | 10 | 03 | 1 |
| 339 | SCORESBYSUND | 061 | 06743 | 10 | 5 | 495 | 06535 | 06 | 1 | 007 | 53315 | 07 | 20 | 858 | 67409 | 36 | 15 | 03 | 5 |
| 360 | ANGMAGSSALIK | 120 | 07804 | 15 | 5 | 434 | 03530 | 05 | 25 | 975 | 70750 | | | 544 | 71990 | 02 | 20 | 03 | 5 |
| | BLOCK 06 | | | | | | | | | | | | | | | | | | |
| 011 | THORSHAVN | 094 | 12110 | | | 449 | 06061 | | | 015 | 51524 | | | 121 | 68706 | | | 03 | 8 |
| 180 | KOBENHAVN | 140 | 16122 | 23 | 7 | 505 | 08071 | 28 | 20 | 094 | 02569 | 28 | 19 | 733 | 63621 | 27 | 22 | 03 | 5 |
| 260 | DE BILT | 150 | 21146 | | | 533 | 09046 | | | 104 | 52620 | | | 721 | 65706 | | | 03 | 8 |
| 447 | UCCLE | 147 | 18109 | | | 522 | 13114 | | | 126 | 03523 | | | 783 | 60651 | | | 03 | 8 |
| 610 | PAYERNE | 170 | | | | 550 | 12035 | 00 | | 130 | 51692 | 02 | 3 | 765 | 63732 | 33 | 15 | 05 | 5 |
| | BLOCK 07 | | | | | | | | | | | | | | | | | | |
| 110 | BREST | 177 | 15142 | 35 | 8 | 555 | 13021 | 35 | 20 | 165 | 05587 | 31 | 15 | 838 | 60745 | 30 | 23 | 02 | 5 |
| 145 | TRAPPES | 165 | | | | 620 | 17086 | | | 265 | 04027 | | | 965 | 58621 | | | 02 | 8 |
| 190 | STRASBOURG | 153 | 13111 | | | 550 | 15091 | | | 162 | 00546 | | | 815 | 61718 | | | 02 | 8 |
| 480 | LYON | 147 | | | | 540 | 15041 | | | 149 | 50583 | | | 783 | 65753 | | | 02 | 8 |
| 510 | BORDEAUX | 165 | 19187 | | | 570 | 15058 | | | 170 | 01544 | | | 825 | 61737 | | | 03 | 5 |
| 645 | NIMES | 167 | 17145 | | | 560 | 12054 | | | 145 | 01548 | | | 790 | 61712 | | | 02 | 8 |
| | BLOCK 08 | | | | | | | | | | | | | | | | | | |
| 509 | LAGENS | 101 | 58 | | | | | | | *** | ***** | | | *** | ***** | | | 03 | 1 |
| 521 | FUNCHAL | | | | | | | | | *** | ***** | | | *** | ***** | | | 14 | 8 |
| 536 | PORTELA | 152 | 31106 | | | 577 | 20045 | | | 220 | 10990 | | | 947 | 55993 | | | 14 | 8 |
| | BLOCK 10 | | | | | | | | | | | | | | | | | | |
| 034 | SCHLESWIG | 048 | 55480 | 25 | 13 | 596 | 50410 | 27 | 21 | 021 | 39200 | 27 | 15 | 894 | 14970 | 26 | 24 | 02 | 2 |
| 338 | HANNOVER | 050 | 60570 | 12 | 4 | 498 | 58360 | | | 020 | 37140 | 27 | 12 | 891 | 10998 | 28 | 14 | 02 | 2 |
| 384 | TEMPELHOF | 150 | 18131 | 10 | 7 | 532 | 11041 | 25 | 18 | 131 | 03516 | 26 | 11 | 804 | 59692 | 30 | 16 | 03 | 5 |
| 419 | ISERLOHN | 005 | | | | 506 | 55 0 | 26 | 12 | 031 | 37170 | 28 | 11 | 902 | 12930 | | | 02 | 2 |
| 633 | WIESBADEN | 184 | 13087 | 00 | | 564 | 12031 | 22 | 11 | 170 | 00691 | 27 | 8 | 809 | 62693 | 26 | 6 | 03 | 5 |
| 672 | ERLANGEN | | | | | 548 | 14027 | | | 146 | 50578 | | | 797 | 62719 | | | 03 | 8 |
| 866 | MUNCHEN RIEM | 169 | 99999 | 99 | 99 | 542 | 12051 | 15 | 3 | 136 | 02671 | 19 | 3 | 792 | 61728 | 01 | 13 | 03 | 5 |
| | BLOCK 11 | | | | | | | | | | | | | | | | | | |
| 030 | TULLN | 164 | | | | 632 | 09053 | 03 | 2 | 103 | 52574 | 01 | 9 | 726 | 65731 | 02 | 12 | 03 | 5 |
| 567 | PRAHA KBELY | 162 | | | | 550 | 12042 | | | 134 | 00517 | | | 790 | 62651 | | | 05 | 5 |
| | BLOCK 16 | | | | | | | | | | | | | | | | | | |
| 596 | ORENDI | | | | | 499 | 62450 | 24 | 7 | 035 | 43300 | 31 | 12 | 905 | 07980 | 25 | 54 | 02 | 2 |
| | BLOCK 40 | | | | | | | | | | | | | | | | | | |
| 648 | HABBANIYA | | | | | 484 | 81420 | 30 | 15 | 026 | 62260 | 13 | 9 | 920 | 12040 | 12 | 12 | 02 | 2 |
| | BLOCK 42 | | | | | | | | | | | | | | | | | | |
| 182 | NEW DELHI | 501 | | | | 143 | 2019 | | | 308 | 1004* | | | 581 | 5659* | | | 15 | 8 |
| 339 | JODHPUR | 503 | | | | 140 | 2020 | | | 306 | 1211* | | | 581 | 5454* | | | 15 | 8 |
| 475 | BAMRAULI AL | 501 | | | | 142 | 2215 | | | 309 | 1307* | | | 585 | 5255* | | | 15 | 8 |
| 867 | NAGPUR | 000 | | | | 144 | 2316 | | | 311 | 1207* | | | 586 | 5055* | | | 15 | 8 |
| 909 | VERAVAL | 000 | | | | 143 | 2016 | | | 309 | 1308* | | | 585 | 50*** | | | 13 | 8 |
| | BLOCK 43 | | | | | | | | | | | | | | | | | | |
| 063 | POONA | 001 | | | | 143 | 1917 | | | 309 | 1205* | | | *** | ***** | | | 14 | 8 |
| 149 | VIZAGAPATAM | 001 | | | | 145 | 2218 | | | 311 | 1205* | | | 587 | 52*** | | | 14 | 8 |
| 279 | MADRAS | 002 | 2924 | | | 146 | 2115 | | | 311 | 0908* | | | 585 | 54*** | | | 14 | 8 |
| 371 | TRIVANDRUM | 006 | 2523 | | | 148 | 1715 | | | 312 | 0905* | | | 584 | 54*** | | | 15 | 8 |
| | BLOCK 45 | | | | | | | | | | | | | | | | | | |
| 007 | KAI TAK | 002 | 27250 | | | 144 | 21170 | | | 309 | 12050 | | | 584 | 51**0 | | | 22 | 8 |
| | BLOCK 47 | | | | | | | | | | | | | | | | | | |
| 212 | ZINSEN | 030 | 27227 | | | 456 | 15124 | | | 965 | 08009 | | | *** | ***** | | | 03 | 1 |
| 401 | WAKKANAI | 023 | 30160 | | | 477 | 17164 | | | 010 | 06653 | | | 886 | 58624 | | | 03 | 1 |
| 412 | SAPPORO OCMO | 026 | 27196 | | | 491 | 21169 | | | 033 | 12063 | | | 906 | 50664 | | | 03 | 1 |
| 580 | MISAWA | 038 | 20990 | 26 | 4 | | | | | 990 | 08641 | 31 | 6 | 911 | 56999 | 24 | 15 | 03 | 1 |
| 590 | SENDAI OCMO | 038 | 19198 | | | 491 | 14132 | | | 025 | 10029 | | | 927 | 00642 | | | 03 | 1 |
| 635 | NAGOYA | 029 | 31245 | 00 | | 499 | 18147 | 08 | 3 | 038 | 08011 | 33 | 5 | 935 | 59745 | 31 | 6 | 03 | 1 |
| 671 | TOKYO | 038 | 23207 | 04 | 9 | 499 | 18169 | 22 | 4 | 040 | 10048 | 29 | 8 | 943 | 52651 | 29 | 20 | 03 | 1 |
| 744 | YONAGO | 029 | 28247 | | | 494 | 21142 | | | 034 | 11048 | | | 931 | 54644 | | | 03 | 1 |
| 778 | SHIONOMISAKI | 028 | 29229 | | | 493 | 20127 | | | 032 | 12025 | | | 932 | 52624 | | | 03 | 1 |
| 808 | ITAZUKE | 025 | 28257 | 34 | 3 | 493 | 18174 | 18 | 4 | 994 | 09501 | 21 | 3 | 914 | 56760 | 17 | 25 | 03 | 1 |
| 827 | KAGOSHIMA | 027 | 30212 | 21 | 5 | 493 | 20143 | 14 | 20 | 034 | 12036 | 13 | 12 | 930 | 52621 | 21 | 2 | 03 | 1 |
| 931 | KADENA OKINW | 101 | 59 | | | | | | | *** | ***** | | | *** | ***** | | | 03 | 1 |
| | BLOCK 60 | | | | | | | | | | | | | | | | | | |
| 120 | PORT LYAUTEY | 036 | 23204 | | | 502 | 19990 | | | 040 | 10992 | | | 920 | 61703 | | | 03 | 6 |
| 390 | M BLANCHE | 143 | 18164 | 00 | | 520 | 14063 | 02 | 26 | 136 | 02526 | 36 | 26 | 808 | 63754 | 32 | 42 | 02 | 5 |
| | BLOCK 61 | | | | | | | | | | | | | | | | | | |
| 642 | DAKAR OUAKAM | 089 | 24232 | 00 | | 520 | 17142 | 14 | 6 | 137 | 09071 | 14 | 13 | 845 | 56588 | 13 | 16 | 07 | 5 |
| | BLOCK 62 | | | | | | | | | | | | | | | | | | |
| 011 | WHEELUS FLD | 069 | 24154 | 01 | 19 | 506 | 24018 | 01 | 10 | 160 | 02729 | | | *** | ***** | | | 03 | 2 |
| 053 | BENINA | 040 | | | | 501 | 66340 | | | 039 | 51200 | | | 926 | 18920 | | | 02 | 7 |
| 366 | FAROUK | 070 | 21181 | | | 465 | 17067 | | | 114 | 13581 | | | 866 | 52**7 | | | 03 | 5 |
| | BLOCK 70 | | | | | | | | | | | | | | | | | | |
| 026 | BARROW | 050 | 50532 | 07 | 10 | 482 | 03576 | 02 | 10 | 995 | 52601 | 02 | 10 | 847 | 68773 | 33 | 16 | 03 | 1 |
| 133 | KOTZEBUE | 029 | 07068 | | | 475 | 09503 | | | 993 | 51571 | | | 846 | ***** | | | 03 | 1 |
| 200 | NOME | 032 | 13091 | 26 | 12 | 473 | 03004 | 08 | 5 | 983 | 53567 | 06 | 19 | 832 | 69724 | 06 | 36 | 03 | 1 |
| 204 | GAMBELL | 035 | 02504 | | | 470 | 04533 | | | *** | ***** | | | *** | ***** | | | 03 | 1 |
| 219 | BETHEL | 030 | 11061 | 04 | 3 | 467 | 03005 | 16 | 6 | 977 | 54568 | | | 823 | 67824 | | | 03 | 1 |
| 231 | MCGRATH | 026 | | | | 472 | 06014 | 14 | 2 | 983 | 56601 | | | 827 | 68844 | | | 03 | 1 |
| 261 | FRBNKS WEEKS | 024 | | | | 472 | 07034 | 32 | 3 | 989 | 51666 | 11 | 2 | 841 | 67821 | 10 | 2 | 03 | 1 |
| 273 | ANCH MERRILL | 028 | 17105 | 27 | 8 | 472 | 05024 | 18 | 8 | 987 | 51578 | 16 | 10 | 839 | 68812 | 25 | 12 | 03 | 1 |
| 291 | NORTHWAY | 017 | | | | 468 | 08047 | 34 | 10 | 986 | 51553 | 34 | 10 | 836 | 69705 | | | 03 | 1 |
| 350 | KODIAK | 032 | 11071 | | | 472 | 00765 | | | 985 | 51525 | | | 844 | 65687 | | | 03 | 1 |
| 361 | YAKUTAT | 034 | 12083 | 32 | 3 | 472 | 02002 | 26 | 4 | 982 | 53578 | 32 | 8 | 831 | 69776 | 36 | 24 | 03 | 1 |
| 381 | JUNEAU | | | | | | | | | | | | | | | | | | |
| 398 | ANNETTE IS | 036 | 14124 | 24 | 1 | 480 | 04025 | 31 | 11 | 990 | 54568 | 31 | 16 | 843 | 67825 | | | 03 | 1 |
| 439 | AMCHITKA | 039 | 07012 | 02 | 17 | 475 | 05016 | 04 | 7 | 990 | 00637 | 30 | 7 | 850 | ***** | | | 03 | 1 |
| 454 | LONGVIEW | 036 | 18081 | | | 465 | 46042 | | | 993 | 50998 | 24 | 23 | 854 | 65999 | 24 | 37 | 03 | 1 |
| 485 | FORT GLENN | 037 | 10082 | 23 | 28 | 480 | 09052 | 14 | 30 | 002 | 01531 | 25 | 42 | 872 | 60999 | 25 | 66 | 03 | 1 |
| | BLOCK 72 | | | | | | | | | | | | | | | | | | |
| 202 | MIAMI | 053 | 25227 | 10 | 16 | 517 | 16138 | 13 | 28 | 052 | 07047 | 09 | 18 | 941 | 56598 | 09 | 17 | 03 | 1 |
| 208 | CHARLESTON | 058 | 24225 | 21 | 10 | 524 | 19023 | 36 | 1 | 062 | 10992 | 27 | 2 | 952 | 57990 | 12 | 13 | 04 | 1 |
| 211 | TAMPA | 057 | 25207 | 10 | 14 | 521 | 17053 | 13 | 10 | 057 | 08597 | 10 | 20 | 942 | 58992 | 09 | 31 | 03 | 1 |
| 219 | ATLANTA | 059 | | | | 528 | 18123 | 20 | 7 | 064 | 08568 | 16 | 11 | 952 | 55719 | 15 | 11 | 03 | 1 |
| 231 | NEW ORLEANS | 052 | 24234 | 13 | 11 | 515 | 17132 | 11 | 11 | 052 | 07038 | 11 | 13 | *** | ***** | | | 03 | 1 |
| 240 | LAKE CHARLES | 048 | 25247 | | | 511 | 17134 | | | 048 | 09521 | | | 936 | 57602 | | | 03 | 1 |
| 250 | BROWNSVILLE | 037 | 27248 | 14 | 19 | 503 | 22063 | 16 | 22 | 044 | 10534 | 18 | 12 | 935 | 56633 | 24 | 9 | 04 | 1 |
| 253 | SAN ANTONIO | 036 | | | | 499 | 19152 | 18 | 18 | 039 | 10052 | 21 | 12 | 929 | 56645 | 24 | 9 | 03 | 1 |
| 259 | FT WORTH | 038 | | | | 510 | 18168 | 18 | 30 | 046 | 13056 | 16 | 20 | 951 | 50619 | 15 | 17 | 03 | 1 |
| 265 | BIG SPRING | 027 | | | | 497 | 22113 | 21 | 24 | 040 | 10069 | 16 | 15 | 933 | 57612 | 11 | 14 | 03 | 1 |
| 270 | EL PASO | 025 | | | | 498 | 19159 | | | 042 | 12041 | | | 937 | 56598 | | | 06 | 1 |
| 278 | PHOENIX | 013 | | | | 494 | 26057 | 27 | 12 | 041 | 11004 | 25 | 7 | 937 | 54996 | 25 | 12 | 03 | 1 |
| 304 | HATTERAS | 053 | 27224 | 24 | 17 | 521 | 19122 | 31 | 15 | 058 | 08001 | 29 | 12 | 948 | 56757 | 32 | 17 | 03 | 1 |
| 317 | GREENSBORO | 055 | | | | 524 | 19137 | 27 | 9 | 063 | 08027 | 30 | 8 | 953 | 55997 | 25 | 10 | 03 | 1 |
| 327 | NASHVILLE | 054 | | | | 516 | 17128 | 20 | 20 | 053 | 08041 | 21 | 19 | 941 | 57674 | 18 | 21 | 03 | 1 |
| 340 | LITTLE ROCK | 049 | 24214 | 16 | 9 | 514 | 18133 | 22 | 15 | 050 | 09033 | 19 | 15 | 937 | 57644 | 18 | 8 | 03 | 1 |
| 353 | OKLAHOMA CTY | 030 | | | | 500 | 19145 | 17 | 27 | 040 | 11010 | 21 | 14 | 930 | 57655 | 24 | 12 | 03 | 1 |
| 365 | ALBUQUERQUE | 003 | | | | 484 | | | | 036 | 14061 | 33 | 14 | 934 | 56592 | 29 | 10 | 03 | 1 |
| 385 | LAS VEGAS | 004 | | | | 486 | 27994 | 24 | 10 | 034 | 11604 | 15 | 3 | 925 | 56995 | 28 | 7 | 03 | 1 |
| 394 | SANTA MARIA | 045 | 13111 | 28 | 9 | 499 | 20013 | 25 | 4 | 038 | 11992 | 28 | 11 | 934 | 55996 | 27 | 15 | 03 | 1 |
| 405 | WASHINGTON | 049 | 30192 | 28 | 15 | 517 | 18136 | 31 | 14 | 058 | 07034 | 30 | 11 | 945 | 55695 | 33 | 23 | 03 | 1 |
| 445 | COLUMBIA | 036 | | | | 501 | 19146 | 23 | 12 | 040 | 09034 | 23 | 8 | 928 | 56591 | 18 | 11 | 03 | 1 |
| 451 | DODGE CITY | 015 | | | | 490 | 25142 | 18 | 34 | 039 | 12074 | 24 | 18 | 933 | 54724 | 23 | 6 | 03 | 1 |
| 476 | GRAND JUNC | 007 | | | | 484 | 25095 | 22 | 2 | 035 | 14001 | 29 | 2 | 930 | 55995 | 27 | 11 | 03 | 1 |
| 486 | ELY | 001 | | | | 479 | | | | 034 | 16502 | 26 | 6 | 930 | 59640 | 32 | 9 | 03 | 1 |
| 493 | OAKLAND | 041 | 14114 | 30 | 10 | 499 | 20541 | 28 | 1 | 038 | 11607 | 36 | 5 | 931 | 55727 | 33 | 5 | 04 | 1 |
| 506 | NANTUCKET | 038 | 18168 | 34 | 14 | 492 | 13107 | 32 | 25 | 024 | 07595 | 32 | 25 | 906 | 59999 | 01 | 32 | 03 | 1 |
| 518 | ALBANY | 045 | 21191 | 35 | 4 | 502 | 15101 | | | 036 | 08534 | | | 925 | 56999 | | | 03 | 1 |
| 520 | PITTSBURGH | 051 | | | | 517 | 17158 | 29 | 13 | 053 | 07047 | | | 941 | 54990 | | | 03 | 1 |
| 528 | BUFFALO | 046 | | | | 510 | 17126 | 32 | 13 | 047 | 09600 | 31 | 15 | 937 | 54999 | | | 03 | 1 |
| 534 | CHICAGO | 040 | | | | 506 | 18151 | 21 | 17 | 044 | 10043 | 21 | 14 | 939 | 55721 | 17 | 10 | 03 | 1 |
| 536 | TOLEDO | 044 | | | | 512 | 18135 | 23 | 12 | 049 | 08001 | 19 | 7 | 938 | 54996 | | | 03 | 1 |
| 553 | OMAHA | 021 | | | | 492 | 23124 | 21 | 30 | 037 | 10059 | 26 | 16 | 927 | 55637 | 18 | 21 | 03 | 7 |
| 562 | N PLATTE | 008 | | | | 485 | 23135 | 06 | 17 | 031 | 11046 | 28 | 8 | *** | ***** | | | 03 | 1 |
| 576 | LANDER | 002 | | | | 477 | | | | 024 | 12551 | 29 | 15 | 913 | 57684 | 30 | 18 | 03 | 1 |
| 597 | MEDFORD | 037 | | | | 503 | 17072 | 30 | 9 | 034 | 06626 | 29 | 17 | 916 | 58726 | 30 | 23 | 03 | 1 |
| 600 | SABLE ISLAND | 047 | 14112 | | | 493 | 08043 | | | 013 | 01542 | | | 872 | 64736 | | | 03 | 1 |
| 606 | PORTLAND | 043 | 16159 | | | 497 | 13069 | | | 024 | 05632 | | | 901 | 60998 | | | 03 | 1 |
| 655 | ST CLOUD | 017 | | | | 479 | 17124 | 24 | 23 | 014 | 07034 | | | *** | ***** | | | 04 | 1 |
| 662 | RAPID CITY | 012 | | | | 482 | 22086 | 15 | 13 | 025 | 11027 | 21 | 12 | 914 | 58662 | 27 | 32 | 03 | 1 |
| 681 | BOISE | 027 | | | | 495 | 20052 | 34 | 17 | 031 | 06007 | 30 | 21 | 916 | 58741 | 28 | 21 | 03 | 1 |
| 712 | CARIBOU | 037 | | | | 493 | 12086 | 34 | 15 | 017 | 02601 | 33 | 25 | 886 | 62997 | 34 | 48 | 03 | 1 |
| 734 | SAULT MARIE | 035 | | | | 499 | 19133 | 22 | 20 | 039 | 10564 | 22 | 13 | 934 | 53702 | 28 | 14 | 03 | 1 |
| 747 | INTL FALLS | 012 | | | | 475 | 17087 | 28 | 14 | 012 | 07029 | 25 | 29 | 897 | 57591 | 24 | 45 | 04 | 1 |
| 764 | BISMARCK | 012 | | | | 477 | 19022 | 27 | 13 | 011 | 05529 | 27 | 42 | 889 | 57749 | 27 | 51 | 03 | 1 |
| 768 | GLASGOW | 015 | | | | 476 | 17004 | | | 008 | 05641 | | | 879 | 61773 | | | 05 | 1 |
| 775 | GREAT FALLS | 014 | | | | 477 | 18002 | | | 010 | 05567 | | | 881 | 62708 | | | 03 | 1 |
| 785 | SPOKANE | 035 | | | | 490 | 11058 | 22 | 15 | 012 | 02011 | 27 | 20 | 882 | 61713 | 26 | 39 | 03 | 1 |
| 798 | TATOOSH IS | 046 | 12112 | 28 | 13 | 487 | 05038 | 28 | 15 | 005 | 01667 | 32 | 17 | 874 | 61698 | 29 | 28 | 04 | 1 |
| 807 | ARGENTIA | 049 | 10080 | | | 492 | 04001 | | | *** | 58621 | | | 854 | 67701 | | | 02 | 1 |
| 815 | STEPHENVILLE | 043 | 11081 | 19 | 17 | 481 | 03018 | 22 | 16 | 991 | 53579 | 31 | 21 | 837 | 69755 | 31 | 29 | 03 | 1 |
| 816 | GOOSE | 026 | 14119 | 19 | 4 | 472 | 07057 | 27 | 10 | 987 | 52557 | 29 | 7 | 836 | 68773 | 32 | 15 | 03 | 1 |
| 826 | NITCHEQUON | 024 | | | | 472 | 10072 | | | 995 | 02611 | | | 861 | 64712 | | | 03 | 1 |
| 836 | MOOSONEE | 032 | 12124 | | | 489 | 15106 | | | 020 | 07529 | | | 902 | 59644 | | | 03 | 1 |
| 867 | THE PAS | 531 | | | | 423 | 12073 | | | 949 | 00551 | | | 809 | 64711 | | | 03 | 1 |
| 879 | EDMONTON | 007 | | | | 460 | 12038 | 29 | 12 | 983 | 00532 | 30 | 26 | 842 | 65684 | 27 | 23 | 03 | 1 |
| 896 | PRINCE GEORG | 023 | | | | 470 | 07048 | 27 | 25 | 985 | 53551 | 27 | 23 | 833 | 69713 | 26 | 25 | 03 | 1 |
| 906 | FT CHIMO | 031 | 10068 | | | 472 | 04024 | | | 981 | 55583 | | | 827 | 70753 | | | 03 | 1 |
| 907 | PORT HARRISN | 041 | 10058 | | | 481 | 05553 | | | 994 | 62546 | | | 850 | 63915 | | | 03 | 1 |
| 909 | UP FROBISHER | 028 | 06048 | 00 | | 465 | 04037 | 31 | 9 | 973 | 00000 | | | *** | ***** | | | 03 | 1 |
| 913 | CHURCHILL | 004 | 01065 | 10 | 23 | 441 | 09531 | 11 | 27 | 966 | 01002 | 12 | 19 | 834 | 11644 | 20 | 10 | 03 | 1 |
| 915 | CORAL HARBOR | 038 | 07068 | | | 472 | 50513 | | | 980 | 54685 | | | 826 | 69801 | | | 03 | 1 |
| 917 | EUREKA | 028 | 09036 | 11 | 8 | 465 | 01515 | 16 | 16 | 970 | 57597 | 16 | 28 | 803 | 74781 | 14 | 39 | 03 | 1 |
| 918 | ARCTIC BAY | 033 | 08032 | | | 463 | 51535 | | | 961 | 61**1 | | | 785 | 75806 | | | 03 | 1 |
| 924 | RESOLUTE | 014 | 04031 | 16 | 21 | 443 | 52549 | 20 | 39 | 941 | 60131 | 18 | 34 | 763 | 77824 | | | 04 | 1 |
| 926 | BAKER LAKE | | | | | | | | | | | | | | | | | | |
| 934 | FT SMITH | 001 | | | | 456 | 12041 | | | 977 | 51546 | | | 831 | 66999 | | | 03 | 1 |
| 938 | COPPERMINE | 016 | 05502 | | | 443 | 53543 | | | 942 | 57684 | | | 778 | 72832 | | | 02 | 1 |
| 945 | FORT NELSON | 501 | | | | 454 | 11041 | | | 974 | 50531 | | | 832 | 67692 | | | 03 | 1 |
| 964 | WHITEHORSE | 012 | | | | 466 | 11021 | 29 | 7 | 985 | 51523 | 01 | 6 | 839 | 67691 | 08 | 12 | 03 | 1 |
| 968 | AKLAVIK | 042 | 04019 | | | 472 | 51574 | | | 973 | 55637 | | | 820 | 66769 | | | 03 | 1 |
| | BLOCK 74 | | | | | | | | | | | | | | | | | | |
| 043 | NORMAN WELLS | 034 | 13055 | | | 474 | 03513 | | | 982 | 56588 | | | 829 | 68833 | | | 03 | 1 |
| 072 | MOULD BAY | 505 | | | | 425 | 52541 | | | 922 | 11651 | | | 730 | 79834 | | | 03 | 1 |
| 074 | ISACHSEN | 014 | 03020 | | | 441 | 53569 | | | 939 | 58688 | | | 767 | 75797 | | | 03 | 1 |
| 090 | CLYDE RIVER | 025 | 12052 | 18 | 2 | 466 | 04517 | 14 | 9 | 975 | 56613 | 14 | 8 | 815 | 71992 | 19 | 16 | 03 | 1 |
| 109 | PORT HARDY | 047 | 12104 | | | 486 | 04022 | | | 000 | 00621 | | | 868 | 61788 | | | 03 | 1 |
| 188 | MINGAN L PT | 032 | 11119 | 00 | | 409 | 03094 | 33 | 32 | 980 | 55563 | | | 820 | 72992 | 32 | 28 | 03 | 1 |
| | BLOCK 76 | | | | | | | | | | | | | | | | | | |
| 458 | MAZATLAN | 031 | 28257 | | | 500 | 20128 | | | 042 | 10037 | | | 935 | 56602 | | | 02 | 1 |
| 491 | C VICTORIA | 023 | | | | 496 | 22102 | | | 038 | 10032 | | | 929 | 57675 | | | 02 | 1 |
| 644 | MERIDA | 044 | 26236 | | | 510 | 18140 | | | 045 | 07007 | | | 930 | 56625 | | | 03 | 1 |
| 679 | TACUBAYA | 014 | | | | 490 | | | | 038 | 13061 | | | 932 | 56633 | | | 03 | 1 |
| | BLOCK 78 | | | | | | | | | | | | | | | | | | |
| 016 | KINDLEY FLD | 055 | 23198 | 06 | 4 | 518 | 14556 | 31 | 25 | 053 | ***** | | | *** | ***** | | | 03 | 1 |
| 325 | HAVANA C B | 045 | 25222 | 10 | 4 | 509 | 16148 | 07 | 14 | 045 | 09056 | 09 | 14 | *** | ***** | | | 03 | 1 |
| 355 | CAMAGUEY | 052 | 22227 | | | 516 | 19103 | | | 054 | 08016 | | | 939 | 57628 | | | 03 | 1 |
| 367 | GUANTANAMO | 049 | 26208 | | | 515 | 17116 | | | 049 | 09591 | | | 931 | 57606 | | | 03 | 1 |
| 395 | VERNAM FIELD | 044 | 24217 | 10 | 9 | 504 | 16138 | 11 | 23 | 043 | 09636 | 14 | 29 | 927 | 58691 | 11 | 12 | 03 | 1 |
| 501 | SWAN ISLAND | 041 | 16223 | | | 505 | 18128 | | | 044 | 08049 | | | 930 | 57651 | | | 04 | 1 |
| 525 | SAN JUAN | 051 | 26211 | 08 | 14 | 514 | 19134 | 07 | 14 | 054 | 08099 | 07 | 34 | *** | ***** | | | 03 | 1 |
| 741 | MANAGUA | 037 | 25195 | 09 | 14 | 501 | 17141 | 08 | 33 | 037 | 08029 | 08 | 13 | 924 | 58633 | 09 | 11 | 03 | 1 |
| 806 | ALBROOK FLD | 031 | 24234 | 31 | 4 | 493 | 16140 | 08 | 7 | 026 | 06003 | 08 | 17 | 904 | 60652 | 09 | 29 | 03 | 1 |
| 967 | CHAGUARAMAS | 043 | 25215 | | | 504 | 15114 | | | 033 | 06554 | | | 918 | 56666 | | | 03 | 1 |
| 972 | WALLER FIELD | 042 | 22203 | 04 | 11 | 500 | 14098 | 04 | 19 | 032 | 07663 | 04 | 14 | 914 | 56992 | 18 | 11 | 03 | 1 |
| | BLOCK 80 | | | | | | | | | | | | | | | | | | |
| 050 | BARRANQUILLA | 101 | 42 | | | | | | | *** | ***** | | | *** | ***** | | | 03 | 1 |

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| Index No. iii | 300 mb. hhh | TTTTT ddx | dd | ff | 200 mb. hhh | TTTTT ddx | dd | ff | 100 mb. hhh | TTTTT ddx | dd | ff | Hour GG | Code Type |
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| 743 | 095 | 55 0 | 29 | 30 | | | | | | | | | 02 | 2 |
| 808 | 119 | 68470 | 31 | 74 | | | | | | | | | 02 | 2 |
| 917 | 094 | 59 0 | 30 | 53 | | | | | | | | | 02 | 2 |
| 953 | 140 | 71 0 | | | | | | | | | | | 03 | 7 |
| 04 | | | | | | | | | | | | | | |
| 018 | 013 | 93999 | | | | | | | | | | | 03 | 1 |
| 202 | 999 | 95991 | 19 | 35 | 863 | 98994 | | | 382 | 92999 | | | 03 | 1 |
| 270 | 004 | 95990 | 10 | 11 | | | | | | | | | 03 | 1 |
| 339 | 101 | 43 | | | | | | | | | | | 03 | 5 |
| 360 | 912 | 97990 | | | 178 | 96990 | | | | | | | 03 | 5 |
| 06 | | | | | | | | | | | | | | |
| 011 | 927 | 93997 | | | | | | | | | | | 03 | 8 |
| 180 | 941 | 91990 | 28 | 42 | | | | | | | | | 03 | 5 |
| 260 | 937 | 95 | | | | | | | | | | | 03 | 8 |
| 447 | 519 | 87922 | | | 715 | 07 7 | | | 618 | 04**2 | | | 03 | 8 |
| 610 | 450 | 89 7 | 01 | 5 | 130 | 05 1 | 35 | 72 | | | | | 05 | 5 |
| 07 | | | | | | | | | | | | | | |
| 110 | 956 | 85984 | 32 | 63 | 228 | 06 0 | 35 | 93 | 658 | 02**0 | 33 | 8 | 02 | 5 |
| 145 | 976 | 82874 | | | 249 | 99 7 | | | 695 | 04**4 | | | 02 | 8 |
| 190 | 952 | 88966 | | | 218 | 07 1 | | | 657 | 06**0 | | | 02 | 8 |
| 480 | 945 | 90 7 | | | 212 | 06 0 | | | 652 | 04**7 | | | 02 | 8 |
| 510 | 953 | 89007 | | | 218 | 060 | | | | | | | 03 | 5 |
| 645 | 955 | 86976 | | | 224 | 05 1 | | | 660 | 06**4 | | | 02 | 8 |
| 08 | | | | | | | | | | | | | | |
| 509 | 101 | 58 | | | | | | | | | | | 03 | 1 |
| 521 | 101 | 43 | | | | | | | | | | | 14 | 8 |
| 536 | 976 | 80994 | | | 253 | 98999 | | | | | | | 14 | 8 |
| 10 | | | | | | | | | | | | | | |
| 034 | 124 | 68500 | 26 | 31 | 004 | 30 0 | 28 | 23 | 457 | 37**0 | 30 | 15 | 02 | 2 |
| 338 | 107 | 60430 | 28 | 21 | 977 | 26 0 | 29 | 26 | 434 | 37*** | 31 | 6 | 02 | 2 |
| 384 | 964 | 81861 | 31 | 24 | | | | | | | | | 03 | 5 |
| 419 | 124 | 66510 | 27 | 20 | 006 | 29 0 | 28 | 25 | 459 | 37**0 | 34 | 10 | 02 | 2 |
| 633 | 952 | 86999 | 29 | 22 | 220 | 05997 | | | 668 | 94990 | | | 03 | 5 |
| 672 | 951 | 89991 | | | 817 | 08293 | | | 656 | 02991 | | | 03 | 8 |
| 866 | 950 | 87997 | 02 | 26 | 218 | 06991 | 02 | 25 | | | | | 03 | 5 |
| 11 | | | | | | | | | | | | | | |
| 030 | 939 | 91 5 | 01 | 13 | 203 | 04 9 | | | | | | | 03 | 5 |
| 567 | 950 | 87992 | | | 219 | 04995 | | | | | | | 05 | 5 |
| 16 | | | | | | | | | | | | | | |
| 596 | 115 | 63510 | | | | | | | | | | | 02 | 2 |
| 40 | | | | | | | | | | | | | | |
| 648 | 180 | 82420 | 02 | 8 | 092 | 45 | 05 | 4 | 509 | 05**0 | | | 02 | 2 |
| 42 | | | | | | | | | | | | | | |
| 182 | 963 | 81 | | | 239 | 98 | | | | | | | 15 | 8 |
| 339 | 964 | 81 | | | 239 | 04 | | | | | | | 15 | 8 |
| 475 | 970 | 80 | | | 244 | 11 | | | | | | | 15 | 8 |
| 867 | 978 | 73 | | | 265 | 91 | | | | | | | 15 | 8 |
| 909 | 976 | 74 | | | 258 | 96 | | | | | | | 13 | 8 |
| 43 | | | | | | | | | | | | | | |
| 063 | 101 | 43 | | | | | | | | | | | 14 | 8 |
| 149 | 101 | 43 | | | | | | | | | | | 14 | 8 |
| 279 | 101 | 43 | | | | | | | | | | | 14 | 8 |
| 371 | 965 | 82 | | | | | | | | | | | 15 | 8 |
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| 401 | 154 | 75855 | | | 062 | 98818 | | | 520 | 04990 | | | 03 | 1 |
| 412 | 186 | 74854 | | | 026 | 88999 | | | | | | | 03 | 1 |
| 580 | 151 | 83996 | 27 | 33 | 317 | 05990 | 29 | 42 | | | | | 03 | 1 |
| 590 | 216 | 71847 | | | 166 | 89992 | | | 658 | 06990 | | | 03 | 1 |
| 635 | 167 | 86922 | | | 045 | 09993 | | | 396 | 22993 | | | 03 | 1 |
| 671 | 207 | 77886 | 25 | 18 | 124 | 98996 | 27 | 24 | 557 | 08994 | 30 | 8 | 03 | 1 |
| 744 | 167 | 77879 | | | 095 | 52995 | | | | | | | 03 | 1 |
| 778 | 212 | 74849 | | | | | | | | | | | 03 | 1 |
| 808 | 174 | 77997 | 25 | 16 | 095 | 96993 | 31 | 15 | 519 | 13997 | 31 | 13 | 03 | 1 |
| 827 | 202 | 75868 | 01 | 20 | 121 | 97991 | | | | | | | 03 | 1 |
| 931 | 101 | 59 | | | | | | | | | | | 03 | 1 |
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| 120 | 101 | 43 | | | | | | | | | | | 03 | 6 |
| 390 | 949 | 89014 | 35 | 70 | 216 | 05111 | 31 | 86 | 649 | 10114 | | | 02 | 5 |
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| 642 | 967 | 80994 | 14 | 17 | 242 | 02 2 | 09 | 24 | | | | | 07 | 5 |
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| 366 | 101 | 43 | | | | | | | | | | | 03 | 5 |
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| 026 | 101 | 43 | | | | | | | | | | | 03 | 1 |
| 133 | 101 | 43 | | | | | | | | | | | 03 | 1 |
| 200 | | | | | | | | | | | | | | |
| 204 | | | | | | | | | | | | | | |
| 219 | 015 | 93990 | | | 901 | 98999 | | | 415 | 98995 | | | 03 | 1 |
| 231 | 011 | 95996 | | | 891 | | | | | | | | 03 | 1 |
| 261 | | | | | | | | | | | | | | |
| 273 | 101 | 50 | | | | | | | | | | | 03 | 1 |
| 291 | 013 | 96998 | | | 878 | 97994 | | | | | | | 03 | 1 |
| 350 | 101 | 43 | | | | | | | | | | | 03 | 1 |
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| 381 | 007 | 94990 | | | 893 | 94991 | | | | | | | 03 | 1 |
| 398 | 038 | 94991 | 32 | 56 | 912 | 96994 | | | 420 | 97994 | | | 03 | 1 |
| 439 | 101 | 43 | | | | | | | | | | | 03 | 1 |
| 454 | 101 | 43 | | | | | | | | | | | 03 | 1 |
| 485 | 101 | 43 | | | | | | | | | | | 03 | 1 |
| 72 | | | | | | | | | | | | | | |
| 202 | 188 | 83891 | 14 | 13 | 080 | 05994 | 16 | 32 | | | | | 03 | 1 |
| 208 | 195 | 84923 | 10 | 26 | 081 | 06990 | 14 | 37 | 454 | 20999 | 12 | 26 | 04 | 1 |
| 211 | 181 | 84918 | | | 067 | 06993 | | | 433 | 21997 | | | 03 | 1 |
| 219 | 197 | 84948 | | | 085 | 03997 | | | 469 | 20993 | | | 03 | 1 |
| 231 | 101 | 50 | | | | | | | | | | | 03 | 1 |
| 240 | 180 | 83885 | | | 070 | 06996 | | | 439 | 22997 | | | 03 | 1 |
| 250 | 186 | 81997 | 18 | 6 | 081 | 04992 | 05 | 20 | | | | | 04 | 1 |
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| 259 | 233 | 72992 | 00 | | 176 | 87992 | 20 | 9 | | | | | 03 | 1 |
| 265 | 190 | 79839 | 27 | 7 | 091 | 03994 | 30 | 9 | 469 | ***** | | | 03 | 1 |
| 270 | 190 | 80897 | | | 090 | 04990 | | | | | | | 06 | 1 |
| 278 | 187 | 83990 | | | 076 | 04998 | | | 461 | 20995 | | | 03 | 1 |
| 304 | 192 | 83996 | 33 | 19 | 086 | 04999 | 34 | 5 | | | | | 03 | 1 |
| 317 | 198 | 84943 | 24 | 5 | 085 | 05999 | 12 | 8 | | | | | 03 | 1 |
| 327 | 182 | 84950 | 19 | 18 | 072 | 05991 | 18 | 24 | 458 | 18993 | 08 | 13 | 03 | 1 |
| 340 | 192 | 81916 | 25 | 8 | 089 | 04990 | 26 | 23 | 472 | ***** | | | 03 | 1 |
| 353 | 173 | 82947 | 29 | 16 | 064 | 04995 | 30 | 31 | 446 | ***** | | | 03 | 1 |
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| 386 | 158 | 86991 | 25 | 20 | 042 | 04994 | | | 437 | ***** | | | 03 | 1 |
| 394 | 173 | 85995 | 25 | 28 | | | | | | | | | 03 | 1 |
| 405 | 196 | 82993 | | | 092 | 03996 | | | 474 | 18992 | | | 03 | 1 |
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| 493 | 170 | 86992 | 08 | 11 | 050 | 05997 | 27 | 23 | | | | | 04 | 1 |
| 506 | 140 | 85992 | 33 | 76 | 022 | 04997 | | | 428 | 11999 | | | 03 | 1 |
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| 785 | 108 | 87963 | | | 988 | 05998 | | | | | | | 03 | 1 |
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| 807 | 046 | 94996 | | | | | | | | | | | 02 | 1 |
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| 816 | 020 | 95992 | 32 | 19 | 888 | 98999 | 32 | 23 | 393 | 96993 | | | 03 | 1 |
| 826 | 073 | 88999 | | | 956 | 01995 | | | | | | | 03 | 1 |
| 836 | 153 | 79854 | | | 060 | 00994 | | | | | | | 03 | 1 |
| 867 | 999 | | | | | | | | | | | | 03 | 1 |
| 879 | 039 | 93993 | 27 | 48 | 909 | 98991 | 27 | 35 | 409 | 00990 | | | 03 | 1 |
| 896 | 012 | 93994 | 37 | 45 | 902 | 94992 | 27 | 31 | | | | | 03 | 1 |
| 906 | | | | | | | | | | | | | | |
| 907 | 013 | 80880 | | | 941 | 00994 | | | 411 | 01997 | | | 03 | 1 |
| 909 | 986 | 97995 | | | | | | | | | | | 03 | 1 |
| 913 | 055 | 88981 | 21 | 48 | 941 | 02994 | | | | | | | 03 | 1 |
| 915 | 012 | 92999 | | | 889 | 97998 | | | 389 | 98995 | | | 03 | 1 |
| 917 | 966 | 97990 | | | 843 | 95990 | | | | | | | 03 | 1 |
| 918 | 937 | 00997 | | | 810 | 94895 | | | 334 | 94995 | | | 03 | 1 |
| 924 | | | | | | | | | | | | | | |
| 926 | 101 | 59 | | | | | | | | | | | 03 | 1 |
| 934 | 020 | 93996 | | | 889 | 00995 | | | 396 | 97998 | | | 03 | 1 |
| 938 | 963 | 93996 | | | 850 | 91995 | | | 428 | 90999 | | | 03 | 1 |
| 945 | 028 | 93992 | | | 895 | 96996 | | | 422 | 92998 | | | 03 | 1 |
| 964 | 035 | 90996 | 15 | 7 | 918 | 94990 | | | | | | | 03 | 1 |
| 968 | 017 | 90997 | | | 900 | 96995 | | | 434 | 90990 | | | 03 | 1 |
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| 072 | 884 | 93994 | | | 794 | 88991 | | | | | | | 03 | 1 |
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| 090 | | | | | | | | | | | | | | |
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| 367 | 175 | 82990 | | | | | | | | | | | 03 | 1 |
| 395 | | | | | | | | | | | | | | |
| 501 | 176 | 83901 | | | 068 | 04998 | | | 448 | 22992 | | | 04 | 1 |
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| 972 | 156 | 85990 | 08 | 13 | 045 | 04990 | 16 | 13 | | | | | 03 | 1 |
| 80 | | | | | | | | | | | | | | |
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| 04 | | | | | | | | | | |
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| 06 | | | | | | | | | | |
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| 190 | 000 | 13111 | 968 | 24173 | 950 | 24138 | 885 | 19125 | 02 | 8 |
| 480 | 991 | 17080 | 950 | 21121 | 916 | 20107 | 885 | 19072 | 02 | 8 |
| 510 | 014 | 18180 | 975 | 22177 | 935 | 21137 | 835 | 14048 | 03 | 5 |
| 645 | 012 | 16145 | 975 | 19142 | 928 | 16101 | 890 | 15094 | 02 | 8 |
| 08 | | | | | | | | | | |
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| 204 | 012 | 05048 | | | 400 | 82902 | | | 03 | 1 |
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| 398 | 009 | 15123 | | | | | | | 03 | 1 |
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| 454 | 013 | 08089 | 985 | 05050 | 900 | 06069 | 800 | 03022 | 03 | 1 |
| 485 | 011 | 09095 | 998 | 10082 | 827 | 08057 | 673 | 00543 | 03 | 1 |
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| 253 | 985 | 24237 | 950 | 23237 | 862 | 18163 | 810 | 18065 | 03 | 1 |
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| 265 | 925 | 22207 | 870 | 23157 | 835 | 21092 | 815 | 20121 | 03 | 1 |
| 270 | 882 | 23182 | 834 | 18142 | 806 | 19136 | 556 | 51547 | 06 | 1 |
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| 394 | 008 | 13115 | 943 | 11105 | 938 | 15130 | 912 | 19535 | 03 | 1 |
| 405 | 014 | 30203 | 823 | 16122 | 585 | 02533 | 569 | 01613 | 03 | 1 |
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| 493 | 014 | 15124 | 985 | 13104 | 916 | 21534 | 871 | 21539 | 04 | 1 |
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| 747 | 964 | 20207 | 910 | 21204 | 823 | 17581 | 749 | 12051 | 04 | 1 |
| 764 | 948 | 22122 | 941 | 26066 | 598 | 50683 | 525 | 59734 | 03 | 1 |
| 768 | 933 | 18036 | 914 | 22029 | 771 | 10535 | 668 | 02697 | 05 | 1 |
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| 807 | 016 | 10085 | 910 | 06057 | 758 | 00573 | 672 | 53644 | 02 | 1 |
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| 816 | 004 | 14127 | 923 | 12095 | 628 | 57651 | 590 | 60645 | 03 | 1 |
| 826 | 949 | 14114 | 938 | 15119 | 731 | 01511 | 718 | 03542 | 03 | 1 |
| 836 | 010 | 12121 | 988 | 12129 | 942 | 18455 | 890 | 17126 | 03 | 1 |
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| 879 | 927 | 15111 | 898 | 16060 | 595 | 58595 | 564 | 59613 | 03 | 1 |
| 896 | 931 | 11101 | 400 | 81848 | 342 | 90941 | 282 | 94998 | 03 | 1 |
| 906 | 008 | 11063 | 982 | 09057 | 965 | 11077 | 240 | 11061 | 03 | 1 |
| 907 | 013 | 11071 | | | | | | | 03 | 1 |
| 909 | 008 | 05022 | 908 | 07064 | 688 | 56579 | 559 | 07675 | 03 | 1 |
| 913 | 000 | 06065 | 919 | 03080 | 947 | 15132 | 904 | 13032 | 03 | 1 |
| 915 | 007 | 08063 | 957 | 06046 | 764 | 50614 | 681 | 55701 | 03 | 1 |
| 917 | 010 | 10041 | 781 | 53541 | 675 | 59602 | 629 | 63699 | 03 | 1 |
| 918 | 011 | 08041 | 880 | 51523 | 679 | 0*655 | 160 | 63614 | 03 | 1 |
| 924 | 003 | 04030 | 980 | 05023 | 400 | 87925 | 373 | 80992 | 04 | 1 |
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| 934 | 977 | 17112 | 945 | 20072 | 623 | 58602 | 606 | 58661 | 03 | 1 |
| 938 | 005 | 05006 | 931 | 00537 | 892 | 52584 | 870 | 52543 | 02 | 1 |
| 945 | 958 | 19137 | 880 | 13043 | 774 | 04507 | 568 | 59617 | 03 | 1 |
| 964 | 926 | 18031 | 781 | 04018 | 749 | 02511 | 676 | 53533 | 03 | 1 |
| 968 | 014 | 06033 | 917 | 51531 | 911 | 51**1 | 886 | 52546 | 03 | 1 |
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| 072 | 996 | 05023 | 968 | 02014 | 948 | 03015 | 832 | 52543 | 03 | 1 |
| 074 | 002 | 03021 | 790 | 56618 | 750 | 51615 | 400 | 86904 | 03 | 1 |
| 090 | 008 | 10058 | 993 | 13051 | 938 | 10514 | 874 | 06511 | 03 | 1 |
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| 188 | 009 | 12121 | 673 | 65785 | 400 | 84992 | 358 | 90990 | 03 | 1 |
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| 491 | 971 | 32171 | 757 | 13088 | 728 | 01074 | 644 | 06534 | 02 | 1 |
| 644 | 012 | 27244 | 952 | 23227 | 930 | 24177 | 768 | 11039 | 03 | 1 |
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| 355 | 004 | 22213 | 957 | 24206 | 447 | 63672 | 435 | 63714 | 03 | 1 |
| 367 | 014 | 27218 | 936 | 22142 | 866 | 18144 | 800 | 14044 | 03 | 1 |
| 395 | 011 | 25216 | 902 | 17151 | 836 | 16134 | 800 | 17007 | 03 | 1 |
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| 972 | 010 | 22217 | 776 | 10057 | 695 | 07632 | 558 | 55990 | 03 | 1 |
| 80 | | | | | | | | | | |
| 050 | | | | | | | | | | |

## RADIOSONDE AND RAWINSONDE DATA
### SIGNIFICANT LEVELS

U.S. GOVERNMENT PRINTING OFFICE 1949

| Index No. iii | 1st. 5th. etc. Level PPP | TTTTT ddx | 2nd. 6th. etc. Level PPP | TTTTT ddx | 3rd. 7th. etc. Level PPP | TTTTT ddx | 4th. 8th. etc. Level PPP | TTTTT ddx | Hour GG | Code Type |
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| 476 | | | | | | | | | | |
| 743 | | | | | | | | | | |
| 808 | | | | | | | | | | |
| 917 | | | | | | | | | | |
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| 510 | 780 | 09004 | 710 | 01539 | 640 | 00571 | 590 | 54631 | 03 | 5 |
| 645 | 780 | 07014 | 687 | 01562 | 597 | 53629 | 586 | 55641 | 02 | 8 |
| 08 | | | | | | | | | | |
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| 521 | | | | | | | | | | |
| 536 | 834 | 19061 | 767 | 15557 | 595 | 04997 | 400 | 66998 | 14 | 8 |
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| 672 | 520 | 59706 | 450 | 69733 | 350 | 80892 | 285 | 05994 | 03 | 8 |
| 866 | 655 | 01703 | 533 | 57765 | 492 | 62716 | 400 | 74870 | 03 | 5 |
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| 567 | 615 | 50559 | | | | | | | 05 | 5 |
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| 063 | | | | | | | | | | |
| 149 | | | | | | | | | | |
| 279 | 546 | 0059 | 452 | 57 | 331 | 81*** | | | 14 | 8 |
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| 291 | 252 | 04999 | 162 | 97993 | | | | | 03 | 1 |
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| 386 | 610 | 04674 | 400 | 71994 | 125 | 18993 | | | 03 | 1 |
| 394 | 884 | 21513 | 798 | 16554 | 580 | 03999 | 400 | 69991 | 03 | 1 |
| 405 | 545 | 51663 | 505 | 55645 | 498 | 55726 | 400 | 66995 | 03 | 1 |
| 445 | 125 | 19990 | | | | | | | 03 | 1 |
| 451 | 522 | 52725 | 400 | 66824 | 363 | 70867 | 167 | 11998 | 03 | 1 |
| 476 | 400 | 69995 | 157 | 10991 | 154 | 08995 | | | 03 | 1 |
| 486 | 272 | 90011 | 117 | 14994 | 098 | 13997 | | | 03 | 1 |
| 493 | 801 | 16565 | 745 | 13997 | 400 | 68824 | 115 | 13995 | 04 | 1 |
| 506 | 558 | 52996 | 444 | 63991 | 400 | 69998 | 280 | 89995 | 03 | 1 |
| 518 | 824 | 14045 | 755 | 10024 | 730 | 10557 | 664 | 06624 | 03 | 1 |
| 520 | 567 | 51561 | 536 | 53716 | 519 | 52994 | 400 | 67993 | 03 | 1 |
| 528 | 400 | 65991 | 270 | 87997 | 157 | 15991 | 146 | 12998 | 03 | 1 |
| 534 | 589 | 02561 | 480 | 57674 | 400 | 66817 | 334 | 76908 | 03 | 1 |
| 536 | 400 | 66998 | 273 | 89994 | 142 | 18994 | 122 | 21993 | 03 | 1 |
| 553 | 568 | 51632 | 545 | 52607 | 455 | 60712 | 400 | 67761 | 03 | 1 |
| 562 | | | | | | | | | | |
| 576 | 497 | 58682 | 400 | 69800 | 292 | 86987 | 278 | 90990 | 03 | 1 |
| 597 | 625 | 02601 | 600 | 00709 | 565 | 52993 | 533 | 56752 | 03 | 1 |
| 600 | 715 | 02531 | 585 | 59631 | 573 | 58658 | 457 | 60701 | 03 | 1 |
| 606 | 720 | 06601 | 689 | 04652 | 670 | 04997 | 400 | 70990 | 03 | 1 |
| 655 | | | | | | | | | | |
| 662 | 478 | 58736 | 425 | 63795 | 400 | 68990 | 270 | 88997 | 03 | 1 |
| 681 | 495 | 58748 | 484 | 60674 | 400 | 68795 | 371 | 72877 | 03 | 1 |
| 712 | 662 | 00686 | 400 | 75993 | 292 | 90990 | 185 | 05998 | 03 | 1 |
| 734 | 400 | 68806 | 380 | 69848 | 285 | 84955 | 268 | 88962 | 03 | 1 |
| 747 | 662 | 04003 | 630 | 02583 | 584 | 00543 | 464 | 59712 | 04 | 1 |
| 764 | 400 | 69996 | 276 | 89995 | 152 | 07997 | | | 03 | 1 |
| 768 | 616 | 53991 | 604 | 53734 | 447 | 67831 | 400 | 73990 | 05 | 1 |
| 775 | 465 | 63791 | 400 | 71815 | 130 | 08996 | 123 | 04999 | 03 | 1 |
| 785 | 524 | 62690 | 490 | 61731 | 472 | 62680 | 458 | 63694 | 03 | 1 |
| 798 | 598 | 53997 | 557 | 57761 | 515 | 60664 | 460 | 65812 | 04 | 1 |
| 807 | 560 | 61709 | 518 | 65672 | 400 | 78864 | 290 | 96991 | 02 | 1 |
| 815 | 580 | 61653 | 400 | 81896 | 363 | 87990 | 260 | 07995 | 03 | 1 |
| 816 | 472 | 70837 | 400 | 80854 | 335 | 90967 | 256 | 02995 | 03 | 1 |
| 826 | 690 | 01667 | 660 | 50636 | 554 | 58748 | 434 | 71755 | 03 | 1 |
| 836 | 764 | 11017 | 668 | 06531 | 612 | 50566 | 540 | 55592 | 03 | 1 |
| 867 | 609 | 56619 | 400 | 76858 | 350 | 81993 | | | 03 | 1 |
| 879 | 400 | 77819 | 229 | 04995 | 211 | 98994 | 133 | 96997 | 03 | 1 |
| 896 | 175 | 94990 | 101 | 47 | | | | | 03 | 1 |
| 906 | | | | | | | | | | |
| 907 | | | | | | 59753 | 537 | 12994 | 03 | 1 |
| 909 | 400 | 82922 | 350 | 90990 | 101 | 55*** | | | 03 | 1 |
| 913 | 871 | 11538 | 791 | 04528 | 766 | 05035 | 781 | 02011 | 03 | 1 |
| 915 | 647 | 59990 | 604 | 60746 | 567 | 62714 | 487 | 70884 | 03 | 1 |
| 917 | 581 | 65688 | 400 | [illegible] | 361 | 89925 | 269 | 01992 | 03 | 1 |
| 918 | 540 | 71801 | 400 | [illegible] | 273 | 03994 | 091 | 94999 | 03 | 1 |
| 924 | | | | | | | | | | |
| 926 | | | | | | | | | | |
| 934 | 578 | 60745 | 565 | 61991 | 554 | 61991 | 400 | 79991 | 03 | 1 |
| 938 | 793 | 56563 | 770 | 57581 | 515 | 67747 | | 17789 | 02 | 1 |
| 945 | 454 | 71733 | 400 | 78824 | 323 | 89932 | 224 | 06998 | 03 | 1 |
| 964 | 572 | 61643 | 522 | 65670 | 400 | 78802 | 304 | 89939 | 03 | 1 |
| 968 | 858 | 51561 | 820 | 51577 | 734 | 53647 | 400 | 77817 | 03 | 1 |
| 74 | | | | | | | | | | |
| 043 | 674 | 56603 | 652 | 57653 | 639 | 58645 | 607 | 60715 | 03 | 1 |
| 072 | 622 | 68729 | 612 | 67717 | 400 | 89992 | 340 | 96996 | 03 | 1 |
| 074 | 316 | 97994 | 260 | 89995 | 064 | 90993 | | | 03 | 1 |
| 090 | 842 | 04581 | 748 | 52578 | 633 | 50646 | 545 | 67751 | 03 | 1 |
| 109 | 457 | 65763 | 400 | 72818 | 305 | 84949 | 101 | 55*** | 03 | 1 |
| 188 | | 03992 | 105 | 01906 | | | | | 03 | 1 |
| 76 | | | | | | | | | | |
| 458 | 400 | 65767 | 347 | 73784 | 265 | 88943 | 106 | 27999 | 02 | 1 |
| 491 | 591 | 01574 | 579 | 50611 | 550 | 52603 | 530 | 53695 | 02 | 1 |
| 644 | 739 | 10517 | 647 | 03004 | 581 | 50534 | 537 | 54612 | 03 | 1 |
| 679 | 476 | 58709 | 400 | 68757 | 356 | 75821 | 344 | 76811 | 03 | 1 |
| 78 | | | | | | | | | | |
| 016 | | | 267 | 89992 | 101 | 55*** | | | 03 | 1 |
| 325 | | | | | | | | | | |
| 355 | 400 | 68725 | 279 | 88196 | 170 | 16995 | 119 | 24992 | 03 | 1 |
| 367 | 755 | 12564 | 666 | 06615 | 603 | 50634 | 563 | 54614 | 03 | 1 |
| 395 | 735 | 03633 | 660 | 05645 | 550 | 53620 | 518 | | 03 | 1 |
| 501 | 586 | 50601 | 582 | 50575 | 546 | 53595 | 534 | 54678 | 04 | 1 |
| 525 | | | | | | | | | | |
| 741 | 400 | 67767 | 328 | 78827 | 278 | 90993 | 196 | 06993 | 03 | 1 |
| 806 | 276 | 90957 | 156 | 23998 | 145 | 81999 | 135 | 27998 | 03 | 1 |
| 967 | 400 | 68735 | | | | | | | 03 | 1 |
| 972 | 509 | 55990 | 462 | 61995 | 400 | 67990 | 275 | 90990 | 03 | 1 |
| 80 | | | | | | | | | | |
| 050 | | | | | | | | | | |

## JULY 26

# RADIOSONDE AND RAWINSONDE DATA

| Index No. III | Station Name | 1000 mb. hhh | 1000 mb. TTTTT ddx | 1000 mb. dd | 1000 mb. ff | 850 mb. hhh | 850 mb. TTTTT ddx | 850 mb. dd | 850 mb. ff | 700 mb. hhh | 700 mb. TTTTT ddx | 700 mb. dd | 700 mb. ff | 500 mb. hhh | 500 mb. TTTTT ddx | 500 mb. dd | 500 mb. ff | Hour GG | Code Type |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | BLOCK 91 | | | | | | | | | | | | | | | | | | |
| 066 | MIDWAY ISL | 048 | 25216 | 14 | 19 | 508 | 14125 | 16 | 24 | 043 | 08057 | 15 | 29 | 931 | 56687 | | | 03 | 1 |
| 115 | IWO JIMA | 101 | 45 | | | | | | | *** | ***** | | | *** | ***** | | | 03 | 1 |
| 182 | HONOLULU | 047 | 24175 | 06 | 18 | 506 | 13105 | 08 | 21 | 035 | 06596 | 08 | 29 | 928 | 55996 | 36 | 13 | 03 | 1 |
| 215 | HARMON FLD | 101 | 59 | | | | | | | *** | ***** | | | *** | ***** | | | 03 | 1 |
| 245 | WAKE ISLAND | 034 | 27201 | 08 | 7 | 498 | 17991 | 06 | 4 | 045 | 09528 | 36 | 2 | 924 | 57711 | 36 | 17 | 03 | 1 |
| 275 | JOHNSON IS | 042 | 25221 | 08 | 17 | 504 | 15132 | 10 | 27 | 041 | 12997 | 08 | 22 | 940 | 55990 | 08 | 30 | 03 | 1 |
| 366 | KWAJALEIN | 101 | 43 | | | | | | | *** | ***** | | | *** | ***** | | | 03 | 1 |
| 413 | YAP | 101 | 59 | | | | | | | *** | ***** | | | *** | ***** | | | 03 | 1 |
| | BLOCK 98 | | | | | | | | | | | | | | | | | | |
| 645 | CEBU | 026 | 29240 | | | 496 | 18129 | | | 030 | 09054 | | | 922 | 56583 | | | 03 | 8 |
| QLL | OCEAN STA | | | | | | | | | | | | | | | | | | |
| 034 | 0 355 400 | 062 | 24222 | 22 | 13 | 522 | 16091 | 24 | 21 | 055 | 07021 | 26 | 20 | 973 | 58773 | 27 | 27 | 03 | 9 |
| 035 | 0 340 520 | 054 | 24201 | | | 514 | 14119 | 25 | 23 | 043 | 07990 | 25 | 26 | 925 | 58998 | 24 | 18 | 03 | 9 |
| 037 | 0 360 700 | 049 | 15239 | 24 | 14 | 514 | 18129 | 36 | 27 | 052 | 08005 | 32 | 30 | 940 | 55997 | 33 | 30 | 03 | 9 |
| 041 | 0 450 160 | 209 | 19197 | 26 | 12 | 620 | 12107 | 27 | 15 | 226 | 07007 | | | 930 | 55642 | 29 | 15 | 02 | 5 |
| 044 | 0 450 450 | 040 | 09069 | 27 | 16 | 482 | 03002 | 28 | 8 | 997 | 51706 | 27 | 23 | 849 | 69791 | 24 | 42 | 03 | 9 |
| 051 | 0 538 187 | 034 | 60600 | | | 484 | 56480 | 22 | 10 | 014 | 39200 | 24 | 20 | 893 | 16840 | 24 | 59 | 02 | 2 |
| 053 | 0 526 353 | 501 | | | | 441 | 05034 | 23 | 22 | 954 | 50606 | 23 | 16 | 813 | 66803 | 25 | 45 | 03 | 9 |
| 055 | 0 565 510 | 029 | 05047 | 35 | 17 | 465 | 04524 | 36 | 5 | 975 | 55604 | 33 | 9 | 816 | 70754 | 33 | 10 | 03 | 9 |
| 062 | 0 600 200 | 025 | 52000 | | | 463 | 37350 | 21 | 15 | 900 | 32130 | 23 | 27 | 840 | 03010 | 24 | 32 | 02 | 2 |
| 063 | 0 620 330 | 008 | 09095 | | | 446 | 03034 | | | 955 | 54550 | | | 799 | 69761 | | | 03 | 9 |
| 134 | 1 300 400 | 067 | 18177 | 07 | 15 | 519 | 10082 | 07 | 12 | 051 | 08596 | 35 | 7 | 934 | 59996 | 07 | 9 | 03 | 9 |
| 144 | 1 490 480 | 095 | 12112 | 28 | 18 | 543 | 11517 | 29 | 27 | 070 | 05011 | 29 | 34 | 948 | 61762 | 28 | 35 | 03 | 9 |
| 223 | 2 292 355 | 028 | 26 | | | 484 | 13 | | | 015 | 09*** | | | 903 | 54*** | | | 03 | 1 |
| 235 | 2 386 524 | 028 | 19 | | | 482 | 14 | | | 011 | 05*** | | | 897 | 55*** | | | 03 | 1 |
| 237 | 2 385 724 | 617 | 23172 | | | 520 | 12023 | | | 044 | 04516 | | | 918 | 61632 | | | 03 | 9 |
| 246 | 2 440 650 | 052 | 13114 | 07 | 4 | 492 | 09032 | 13 | 7 | 022 | 06990 | 12 | 6 | 906 | 58616 | 23 | 35 | 03 | 9 |
| 360 | 3 660 020 | 150 | 07998 | | | 450 | 52995 | | | 996 | 62991 | | | 542 | 71998 | | | 03 | 8 |

## JULY 27

| Index No. III | Station Name | 1000 mb. hhh | 1000 mb. TTTTT ddx | 1000 mb. dd | 1000 mb. ff | 850 mb. hhh | 850 mb. TTTTT ddx | 850 mb. dd | 850 mb. ff | 700 mb. hhh | 700 mb. TTTTT ddx | 700 mb. dd | 700 mb. ff | 500 mb. hhh | 500 mb. TTTTT ddx | 500 mb. dd | 500 mb. ff | Hour GG | Code Type |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | BLOCK 01 | | | | | | | | | | | | | | | | | | |
| 001 | JAN MAYEN | 164 | 04011 | | | 480 | 00564 | | | 012 | 56632 | | | 554 | 74796 | | | 03 | 8 |
| 030 | TROMSO | 129 | 05038 | | | 420 | 50547 | | | 970 | 56630 | | | 512 | 74773 | | | 03 | 8 |
| 384 | GARDERMOEN | 094 | 99999 | | | 443 | 06061 | 34 | 5 | 008 | 52529 | | | 214 | 59599 | | | 03 | 5 |
| 415 | SOLA | 142 | 11118 | | | 490 | 04040 | | | 038 | 53571 | | | 630 | 69767 | | | 03 | 8 |
| | BLOCK 02 | | | | | | | | | | | | | | | | | | |
| 057 | LULEA KALLAS | 093 | 07062 | | | 410 | 51513 | | | 941 | 56579 | | | 490 | 73742 | | | 03 | 8 |
| 077 | STOCKHOLM | 102 | 12103 | 09 | 8 | 455 | 04027 | 35 | 8 | 007 | 52547 | 34 | 11 | 601 | 67707 | 25 | 27 | 03 | 5 |
| 084 | GOTEBORG | 093 | 15129 | | | 452 | 07044 | | | 027 | 51582 | | | 610 | 70744 | | | 03 | 8 |
| | BLOCK 03 | | | | | | | | | | | | | | | | | | |
| 005 | LERWICK | 037 | 54530 | | | 478 | 42400 | 25 | 15 | 995 | 34230 | 28 | 25 | 852 | 03780 | 28 | 30 | 02 | 2 |
| 026 | STORNOWAY | 034 | 58530 | 20 | 21 | | | | | 005 | 38270 | 23 | 28 | 876 | 12810 | 25 | 39 | 02 | 2 |
| 171 | LEUCHARS | 042 | 56550 | | | | | | | 014 | 38180 | | | 883 | 10660 | | | 02 | 7 |
| 476 | DOWNHAM MKT | 049 | 67610 | 25 | 12 | 501 | 52480 | 26 | 18 | 018 | 56940 | 30 | 21 | 910 | 13910 | 30 | 21 | 08 | 2 |
| 743 | LARKHILL | 056 | 62600 | | | 510 | 56510 | 25 | 17 | 038 | 42230 | 29 | 25 | 920 | 14040 | 29 | 27 | 02 | 2 |
| 808 | CAMBORNE | 057 | 65650 | 25 | 15 | 510 | 55550 | 26 | 16 | 042 | 45350 | 29 | 14 | 923 | 16960 | 29 | 25 | 02 | 2 |
| 917 | ALDERGROVE | 045 | 63610 | 25 | 9 | 495 | 54450 | 24 | 17 | 023 | 41410 | 26 | 27 | 898 | 13010 | | | 02 | 2 |
| 953 | VALENTIA | 051 | 59 0 | | | 500 | 53 0 | | | 029 | 43**0 | | | 908 | 13**0 | | | 03 | 7 |
| | BLOCK 04 | | | | | | | | | | | | | | | | | | |
| 018 | KEFLAVIK | 002 | | | | 442 | 04032 | 09 | 10 | 955 | 52531 | 12 | 16 | 805 | 69757 | 12 | 22 | 03 | 1 |
| 202 | THULE | 037 | 07027 | 35 | 2 | 475 | 03517 | 24 | 8 | 973 | 56596 | 20 | 14 | 823 | 71796 | 20 | 20 | 03 | 1 |
| 231 | SOR STROMFRD | 032 | 09008 | 04 | 12 | 374 | 08001 | 29 | 3 | 986 | 53579 | 21 | 4 | 831 | 80834 | 09 | 5 | 03 | 1 |
| 270 | NARSSARSSUAK | 043 | 09047 | 00 | | 329 | 05004 | 23 | 4 | 992 | 55588 | 32 | 7 | 831 | 71772 | 03 | 7 | 03 | 1 |
| 339 | SCORESBYSUND | 050 | 04 | 07 | 8 | 483 | 03 | 15 | 9 | 990 | 54*** | 09 | 11 | 851 | 69*** | 06 | 13 | 03 | 2 |
| 360 | ANGMAGSSALIK | 606 | 60020 | | | 430 | 05550 | | | *** | ***** | | | 537 | 71740 | 03 | 8 | 03 | 5 |
| | BLOCK 06 | | | | | | | | | | | | | | | | | | |
| 011 | THORSHAVN | 081 | 11092 | | | 425 | 04023 | | | 992 | 50548 | | | 596 | 67719 | | | 03 | 8 |
| 180 | KOBENHAVN | 112 | 16142 | 27 | 3 | 483 | 09072 | 28 | 13 | 062 | 51512 | 28 | 20 | 655 | 68190 | 28 | 31 | 03 | 5 |
| 260 | DE BILT | 154 | 18154 | | | 529 | 09515 | | | 111 | 01692 | | | 726 | 67742 | | | 03 | 8 |
| 447 | UCCLE | 163 | 16143 | | | 540 | 12105 | | | 144 | 04016 | | | 800 | 60753 | | | 03 | 8 |
| 610 | PAYERNE | 165 | | | | 540 | 16091 | 00 | | 140 | 01004 | 36 | 10 | 780 | 61808 | 36 | 15 | 05 | 5 |
| | BLOCK 07 | | | | | | | | | | | | | | | | | | |
| 110 | BREST | 186 | 17166 | 26 | 6 | 565 | 14113 | 25 | 13 | 192 | 06025 | 29 | 13 | 880 | 58656 | 30 | 17 | 02 | 5 |
| 145 | TRAPPES | 176 | 16154 | | | 580 | 15103 | | | 175 | 02508 | | | 838 | 60682 | | | 02 | 8 |
| 190 | STRASBOURG | 153 | 16120 | | | 560 | 15086 | | | 163 | 01542 | | | 804 | 61713 | | | 02 | 8 |
| 480 | LYON | 148 | | | | 560 | 46048 | | | 174 | 03568 | | | 826 | 61712 | | | 02 | 8 |
| 510 | BORDEAUX | 183 | 17175 | 33 | 14 | 590 | 17064 | 32 | 16 | 199 | 03614 | 31 | 12 | 857 | 61772 | | | 02 | 5 |
| 645 | NIMES | 145 | 23128 | | | 580 | 18048 | | | 185 | 04572 | | | 847 | 62748 | | | 02 | 8 |
| | BLOCK 08 | | | | | | | | | | | | | | | | | | |
| 509 | LAGENS | 077 | 19175 | 11 | 6 | 532 | 16025 | 01 | 6 | 064 | ***** | 06 | 9 | 942 | 58990 | 12 | 7 | 03 | 1 |
| 521 | FUNCHAL | 177 | 22164 | | | 590 | 23546 | | | 248 | 12588 | | | 963 | 57757 | | | 14 | 8 |
| 536 | PORTELA | 105 | 32147 | | | 584 | 22046 | | | 231 | 07524 | | | 939 | 54998 | | | 14 | 8 |
| | BLOCK 10 | | | | | | | | | | | | | | | | | | |
| 338 | HANNOVER | 044 | 62590 | 27 | 21 | 492 | 54450 | 28 | 23 | *** | ***** | | | 879 | 10930 | 30 | 29 | 02 | 2 |
| 384 | TEMPELHOF | 117 | 19129 | 24 | 8 | 499 | 10077 | 27 | 10 | 089 | 00502 | 25 | 20 | 702 | 66696 | 28 | 22 | 03 | 5 |
| 419 | ISERLOHN | 051 | | | | | | | | 025 | 38190 | 27 | 18 | *** | ***** | | | 02 | 2 |
| 633 | WIESBADEN | 194 | 17127 | 00 | | 574 | 13502 | 29 | 14 | 175 | 02542 | 37 | 4 | 829 | 60998 | 31 | 36 | 03 | 5 |
| 866 | MUNCHEN RIEM | 158 | 99999 | 99 | 99 | 546 | 15046 | 28 | 10 | 152 | 01526 | 31 | 7 | 794 | 63726 | 29 | 11 | 03 | 5 |
| | BLOCK 11 | | | | | | | | | | | | | | | | | | |
| 030 | TULLN | 155 | | | | 542 | 13031 | 23 | 2 | 139 | 01523 | 29 | 5 | 777 | 64753 | 26 | 8 | 03 | 5 |
| 567 | PRAHA KBELY | 139 | | | | 540 | 14131 | | | 133 | 02504 | | | 765 | 63652 | | | 05 | 5 |
| | BLOCK 17 | | | | | | | | | | | | | | | | | | |
| 130 | ANKARA | | | | | 519 | 14080 | | | 140 | 09548 | | | 843 | 59997 | | | 02 | 8 |
| | BLOCK 40 | | | | | | | | | | | | | | | | | | |
| 648 | HABBANIYA | | | | | 475 | 83390 | 34 | 12 | 028 | 62270 | 17 | 11 | 924 | 25910 | 09 | 13 | 02 | 2 |
| | BLOCK 42 | | | | | | | | | | | | | | | | | | |
| 182 | NEW DELHI | 501 | | | | 143 | 2221 | | | 308 | 1202* | | | 584 | 51*** | | | 15 | 8 |
| 339 | JODHPUR | 502 | | | | 143 | 2118 | | | 308 | 0808* | | | *** | ***** | | | 15 | 8 |
| 475 | BAMRAULI AL | 501 | | | | 142 | 1717 | | | 305 | 0908* | | | 577 | 5757* | | | 15 | 8 |
| 867 | NAGPUR | 000 | | | | 143 | 2018 | | | 308 | 0907* | | | 580 | 55*** | | | 15 | 8 |
| 909 | VERAVAL | 000 | | | | 142 | 1816 | | | 307 | 1109* | | | 583 | 51*** | | | 14 | 8 |
| | BLOCK 43 | | | | | | | | | | | | | | | | | | |
| 063 | POONA | 001 | | | | 143 | 1915 | | | 308 | 1205* | | | 584 | 5259* | | | 14 | 8 |
| 149 | VIZAGAPATAM | 501 | | | | 143 | 2319 | | | 311 | 1407* | | | 587 | 5356* | | | 14 | 8 |
| 279 | MADRAS | 002 | 2924 | | | 146 | 2215 | | | 312 | 1105* | | | 587 | 53*** | | | 14 | 8 |
| 371 | TRIVANDRUM | 006 | 2522 | | | 148 | 1814 | | | 312 | 0905* | | | 585 | 55*** | | | 15 | 8 |
| | BLOCK 45 | | | | | | | | | | | | | | | | | | |
| 007 | KAI TAK | 000 | 27260 | | | 143 | 21160 | | | 308 | 11070 | | | 585 | 52**0 | | | 22 | 8 |
| | BLOCK 47 | | | | | | | | | | | | | | | | | | |
| 401 | WAKKANAI | 026 | 19184 | | | 478 | 12129 | | | 004 | 06060 | | | 886 | 54579 | | | 04 | 1 |
| 412 | SAPPORO DCMO | 028 | 21166 | | | 476 | 08074 | | | 998 | 03505 | | | 875 | 58625 | | | 03 | 1 |
| 580 | MISAWA | 027 | 24209 | 13 | 12 | 489 | 20112 | 24 | 11 | 035 | 12051 | 25 | 12 | 933 | 54585 | 25 | 30 | 03 | 1 |
| 590 | SENDAI DCMO | 033 | 23192 | | | 490 | 17113 | | | 024 | 11512 | | | 923 | 52648 | | | 03 | 1 |
| 635 | NAGOYA | 029 | 27205 | 24 | 9 | 493 | 17147 | 15 | 8 | 024 | 05048 | 15 | 6 | 903 | 59662 | 16 | 15 | 03 | 1 |
| 646 | TATENO | 031 | 26223 | | | 492 | 19174 | | | 031 | 11043 | | | 930 | 55636 | | | 03 | 1 |
| 671 | TOKYO | 033 | 26221 | 09 | 4 | 498 | 19162 | 16 | 8 | 041 | 11054 | 17 | 4 | 941 | 53645 | 15 | 3 | 03 | 1 |
| 744 | YONAGO | 019 | 26242 | | | 472 | 20198 | | | 010 | 12083 | | | 906 | 53611 | | | 03 | 1 |
| 778 | SHIONOMISAKI | 028 | 28231 | | | 488 | 17126 | | | 024 | 10032 | | | 918 | 51648 | | | 03 | 1 |
| 808 | ITAZUKE | 017 | 29219 | 21 | 11 | 482 | 18124 | 20 | 20 | 023 | 11012 | 20 | 24 | 921 | 53991 | 20 | 33 | 03 | 1 |
| 827 | KAGOSHIMA | 024 | 28212 | 13 | 5 | 481 | 14101 | 20 | 9 | 010 | 06523 | 19 | 21 | 888 | 58718 | 20 | 12 | 03 | 1 |
| | BLOCK 60 | | | | | | | | | | | | | | | | | | |
| 120 | PORT LYAUTEY | 041 | 21196 | | | 502 | 25992 | | | 050 | 11992 | | | 930 | 58997 | | | 03 | 6 |
| 155 | CASABLANCA | 132 | 19194 | | | 550 | 24024 | | | 209 | 12662 | | | 896 | 58818 | | | 02 | 8 |
| 390 | M BLANCHE | 148 | 19169 | | | 550 | 14072 | | | 147 | 04595 | | | 808 | 61802 | | | 02 | 8 |
| | BLOCK 61 | | | | | | | | | | | | | | | | | | |
| 642 | DAKAR OUAKAM | 116 | 24226 | 24 | 10 | 540 | 16144 | 20 | 17 | 159 | 07046 | 15 | 10 | 847 | 59631 | 10 | 9 | 07 | 5 |
| | BLOCK 62 | | | | | | | | | | | | | | | | | | |
| 053 | BENINA | 033 | | | | 502 | 70450 | | | 043 | 52290 | | | 929 | 12950 | | | 02 | 7 |
| 366 | FAROUK | 070 | 23181 | 36 | 4 | 475 | 21 0 | 32 | 4 | 126 | 13**7 | 30 | 6 | 887 | 50**7 | 23 | 9 | 03 | 5 |
| | BLOCK 70 | | | | | | | | | | | | | | | | | | |
| 026 | BARROW | 042 | 01518 | 03 | 7 | 478 | 05543 | 32 | 4 | 990 | 52637 | 29 | 8 | 841 | 68771 | 31 | 22 | 03 | 1 |
| 133 | KOTZEBUE | 029 | 11071 | 23 | 4 | 472 | 07018 | 18 | 8 | 988 | 99999 | 10 | 13 | 842 | 67766 | | | 03 | 1 |
| 200 | NOME | 030 | 12081 | 23 | 9 | 470 | 03508 | 09 | 8 | 981 | 54614 | 11 | 14 | 825 | ***** | | | 03 | 1 |
| 219 | BETHEL | 030 | 12072 | 29 | 7 | 469 | 02007 | 23 | 5 | 977 | 56591 | | | 820 | 70812 | | | 03 | 1 |
| 231 | MCGRATH | 024 | | | | 467 | 06015 | 20 | 5 | 980 | 53567 | 18 | 10 | 827 | 69729 | | | 03 | 1 |
| 261 | FRBNKS WEEKS | 021 | | | | 472 | 08042 | 12 | 4 | 989 | 51579 | 19 | 4 | 840 | 69798 | 23 | 4 | 03 | 1 |
| 273 | ANCH MERRILL | 036 | | 27 | 4 | 579 | 04039 | 14 | 12 | 990 | 54551 | 17 | 11 | 840 | 66817 | 25 | 15 | 03 | 1 |
| 291 | NORTHWAY | 019 | | | | 474 | 10002 | 31 | 2 | 991 | 52567 | 21 | 4 | 840 | 68747 | | | 03 | 1 |
| 316 | FORT RANDALL | 101 | 42 | | | | | | | *** | ***** | | | *** | ***** | | | 03 | 1 |
| 350 | KODIAK | 029 | 11096 | | | 476 | 07061 | | | 988 | 00503 | | | 844 | 66788 | | | 03 | 1 |
| 361 | YAKUTAT | 101 | 43 | | | | | | | *** | ***** | | | *** | ***** | | | 03 | 1 |
| 381 | JUNEAU | 043 | 11074 | 11 | 3 | 482 | 02008 | 15 | 4 | 996 | 50570 | | | 850 | 67803 | | | 03 | 1 |
| 398 | ANNETTE IS | 045 | 13065 | 17 | 6 | 485 | 03002 | 12 | 7 | 998 | 51611 | 30 | 10 | 856 | 65775 | 32 | 27 | 03 | 1 |
| 409 | MASSACRE BAY | 101 | 50 | | | | | | | *** | ***** | | | *** | ***** | | | 03 | 1 |
| 439 | AMCHITKA | 070 | 07040 | 06 | 11 | 509 | 08953 | 09 | 8 | 013 | 01602 | 29 | 21 | 877 | 63990 | 25 | 20 | 03 | 1 |
| 485 | FORT GLENN | 054 | 11079 | 32 | 6 | 490 | 04507 | 30 | 21 | 006 | 51701 | 28 | 16 | 862 | 66839 | 26 | 49 | 03 | 1 |
| | BLOCK 72 | | | | | | | | | | | | | | | | | | |
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| 208 | CHARLESTON | 059 | 25204 | 24 | 10 | 526 | 18098 | 06 | 3 | 063 | 09997 | 17 | 1 | 954 | 56990 | 08 | 8 | 05 | 1 |
| 211 | TAMPA | 057 | 24203 | 13 | 17 | 520 | 17121 | 18 | 24 | 056 | 09022 | 18 | 14 | 943 | 56655 | 12 | 26 | 03 | 1 |
| 219 | ATLANTA | 059 | | | | 526 | 18137 | 17 | 5 | 065 | 10556 | 17 | 8 | 956 | 55737 | | | 03 | 1 |
| 231 | NEW ORLEANS | 053 | 26222 | 13 | 10 | 517 | 17111 | 11 | 11 | 052 | 08561 | 12 | 17 | 933 | 58673 | 11 | 17 | 03 | 1 |
| 240 | LAKE CHARLES | 048 | 26233 | | | 512 | 17123 | | | 048 | 09511 | | | 935 | 56723 | | | 03 | 1 |
| 250 | BROWNSVILLE | 036 | 26247 | 14 | 13 | 502 | 19026 | 15 | 24 | 043 | 11621 | 17 | 10 | 936 | 55677 | 04 | 5 | 03 | 1 |
| 253 | SAN ANTONIO | 038 | | | | 503 | 19068 | 15 | 20 | 042 | 10585 | 18 | 15 | 934 | 56667 | 19 | 4 | 03 | 1 |
| 259 | FT WORTH | 034 | | | | 503 | 20131 | 18 | 25 | 042 | 09511 | 19 | 22 | 932 | 56614 | 18 | 8 | 03 | 1 |
| 265 | BIG SPRING | 025 | | | | 493 | 20161 | 18 | 31 | 034 | 10062 | 20 | 15 | 928 | 54593 | 31 | 7 | 03 | 1 |
| 270 | EL PASO | 004 | | | | 483 | 27114 | 28 | 7 | 033 | 12061 | 35 | 3 | 929 | 55604 | 05 | 5 | 03 | 1 |
| 278 | PHOENIX | 010 | | | | 488 | 27061 | 27 | 11 | 035 | 11001 | 24 | 12 | 932 | 54735 | 32 | 14 | 03 | 1 |
| 304 | HATTERAS | 053 | 27243 | 15 | 3 | 522 | 19142 | 31 | 12 | 059 | 07045 | 33 | 16 | 952 | 52998 | 02 | 18 | 03 | 1 |
| 317 | GREENSBORO | 054 | | | | 528 | 20994 | 25 | 8 | 067 | 08039 | 30 | 4 | 960 | 54704 | 26 | 6 | 03 | 1 |
| 327 | NASHVILLE | 054 | | | | 522 | 19142 | 19 | 13 | 061 | 09506 | 23 | 13 | 949 | 56721 | 20 | 15 | 03 | 1 |
| 340 | LITTLE ROCK | 049 | 25229 | 17 | 6 | 515 | 18146 | 16 | 14 | 054 | 10053 | 19 | 19 | 948 | 56592 | 17 | 15 | 03 | 1 |
| 353 | OKLAHOMA CTY | 031 | | | | 498 | 19143 | 20 | 36 | 037 | 08068 | 22 | 19 | 927 | 54617 | 20 | 19 | 03 | 1 |
| 365 | ALBUQUERQUE | 503 | | | | 478 | | | | 031 | 15013 | 30 | 8 | 925 | 58632 | 29 | 13 | 03 | 1 |
| 386 | LAS VEGAS | 502 | | | | 481 | 28513 | 23 | 15 | 030 | 13581 | 19 | 8 | 926 | 55996 | 27 | 9 | 03 | 1 |
| 394 | SANTA MARIA | 034 | 14113 | 32 | 8 | 489 | 21507 | 26 | 4 | 032 | 13546 | 29 | 8 | 931 | 54654 | 20 | 16 | 03 | 1 |
| 405 | WASHINGTON | 052 | 28242 | 17 | 6 | 521 | 19152 | 29 | 15 | 058 | 07044 | 30 | 11 | 945 | 56711 | | | 03 | 1 |
| 445 | COLUMBIA | 039 | | | | 505 | 18141 | 21 | 27 | 044 | 09527 | 22 | 26 | 932 | 58644 | 21 | 15 | 03 | 1 |
| 451 | DODGE CITY | 020 | | | | 486 | 21183 | 18 | 28 | 030 | 11073 | 26 | 16 | 923 | 56579 | | | 03 | 1 |
| 476 | GRAND JUNC | 507 | | | | 474 | | | | 028 | 15536 | 26 | 8 | 923 | 58693 | 27 | 11 | 03 | 1 |
| 486 | ELY | 511 | | | | 469 | | | | 023 | 15588 | 22 | 17 | 915 | 59646 | | | 03 | 1 |
| 493 | OAKLAND | 035 | 13112 | 27 | 12 | 489 | 20508 | 26 | 11 | 027 | 09997 | 31 | 5 | 915 | 57701 | 24 | 9 | 03 | 1 |
| 506 | NANTUCKET | 052 | 18162 | 21 | 7 | 510 | 15057 | 01 | 9 | 042 | 08657 | 33 | 11 | 929 | 57650 | 35 | 30 | 03 | 1 |
| 518 | ALBANY | 043 | 23178 | 18 | 12 | 508 | 18103 | 29 | 17 | 044 | 07519 | 31 | 24 | 934 | 55999 | | | 03 | 1 |
| 520 | PITTSBURGH | 050 | | | | 520 | 18136 | 26 | 18 | 058 | 08039 | 26 | 17 | 948 | 55745 | 23 | 19 | 03 | 1 |
| 528 | BUFFALO | 044 | | | | 510 | 19136 | 26 | 30 | 049 | 09016 | 26 | 20 | 940 | 55673 | | | 03 | 1 |
| 534 | CHICAGO | 042 | | | | 508 | 19151 | 24 | 22 | 047 | 08044 | 23 | 20 | 934 | 57701 | | | 03 | 1 |
| 536 | TOLEDO | 044 | | | | 509 | 18143 | 24 | 22 | 048 | 09045 | 27 | 13 | 937 | 56609 | | | 03 | 1 |
| 553 | OMAHA | 024 | | | | 493 | 20151 | 20 | 26 | 034 | 10042 | 21 | 25 | 925 | 55579 | 23 | 26 | 03 | 1 |
| 562 | N PLATTE | 008 | | | | 649 | 22093 | 18 | 8 | 024 | 12514 | 31 | 13 | 915 | 56998 | 31 | 11 | 03 | 1 |
| 576 | LANDER | 510 | | | | 467 | | | | 019 | 14513 | 27 | 14 | 909 | 56994 | 27 | 23 | 03 | 1 |
| 597 | MEDFORD | 034 | | | | 493 | 13003 | 32 | 10 | 023 | 08995 | 32 | 12 | 906 | 58747 | 29 | 24 | 03 | 1 |
| 600 | SABLE ISLAND | 050 | 15142 | | | 496 | 08033 | | | 016 | 01586 | | | 883 | 62762 | | | 03 | 1 |
| 606 | PORTLAND | 043 | 20175 | 23 | 9 | 506 | 16102 | 32 | 13 | 039 | 08561 | 32 | 13 | 927 | 56658 | 34 | 18 | 03 | 1 |
| 655 | ST CLOUD | 019 | | | | 486 | 19131 | 16 | 17 | 024 | 10532 | 15 | 15 | 912 | 56713 | 21 | 17 | 03 | 1 |
| 662 | RAPID CITY | 512 | | | | 466 | 27092 | 03 | 9 | 015 | 13011 | 21 | 6 | 903 | 60651 | 26 | 42 | 03 | 1 |
| 681 | BOISE | 006 | | | | 478 | 22067 | 35 | 15 | 018 | 08003 | 28 | 27 | 900 | 59741 | 26 | 28 | 03 | 1 |
| 712 | CARIBOU | 037 | | | | 501 | 17101 | 27 | 21 | 033 | 06503 | 28 | 15 | 918 | 57666 | 31 | 35 | 03 | 1 |
| 734 | SAULT MARIE | 030 | | | | 490 | 16151 | 25 | 22 | 027 | 09527 | 27 | 18 | 917 | 55624 | 25 | 25 | 03 | 1 |
| 747 | INTL FALLS | 018 | | | | 484 | 18094 | 23 | 12 | 022 | 08004 | 27 | 25 | 904 | 57723 | 25 | 27 | 03 | 1 |
| 764 | BISMARCK | 002 | | | | 466 | 20093 | 28 | 7 | 006 | 09031 | 25 | 26 | 890 | 58617 | 25 | 56 | 03 | 1 |
| 768 | GLASGOW | 003 | | | | 468 | 18057 | 26 | 7 | 001 | 04518 | 26 | 32 | 871 | 63671 | | | 03 | 1 |
| 775 | GREAT FALLS | 006 | | | | 471 | 18023 | 33 | 17 | 003 | 05521 | 23 | 19 | 871 | 63755 | 25 | 39 | 03 | 1 |
| 785 | SPOKANE | 020 | | | | 479 | 13022 | 22 | 20 | 002 | 50546 | 25 | 5 | 861 | 65700 | 26 | 29 | 03 | 1 |

# RADIOSONDE AND RAWINSONDE DATA— Continued

| Index No. III | 300 mb. hhh | 300 mb. TTTTT ddx | 300 mb. dd | 300 mb. ff | 200 mb. hhh | 200 mb. TTTTT ddx | 200 mb. dd | 200 mb. ff | 100 mb. hhh | 100 mb. TTTTT ddx | 100 mb. dd | 100 mb. ff | Hour GG | Code Type |
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| 91 | | | | | | | | | | | | | | |
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| 115 | 101 | 45 | | | | | | | | | | | 03 | 1 |
| 182 | 167 | 86991 | 29 | 16 | 049 | 06995 | 25 | 28 | 440 | 18997 | 09 | 3 | 03 | 1 |
| 215 | 101 | 59 | | | | | | | | | | | 03 | 1 |
| 245 | 175 | 82945 | | | 065 | 07990 | | | 434 | 17997 | | | 03 | 1 |
| 275 | 193 | 79990 | 02 | 6 | 101 | 00999 | 25 | 26 | | | | | 03 | 1 |
| 366 | 101 | 43 | | | | | | | | | | | 03 | 1 |
| 413 | 101 | 59 | | | | | | | | | | | 03 | 1 |
| 98 | | | | | | | | | | | | | | |
| 645 | 179 | 80901 | | | 082 | 03990 | | | | | | | 03 | 8 |
| QLL | | OCEAN | STA | | | | | | | | | | | |
| 034 | 208 | 84999 | 25 | 23 | 098 | 02999 | 29 | 17 | 492 | 17991 | 27 | 22 | 03 | 9 |
| 035 | 101 | 50 | | | | | | | | | | | 03 | 9 |
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| 041 | 761 | 81093 | | | 525 | 00994 | | | 820 | 16997 | | | 02 | 5 |
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| 053 | 006 | 92991 | 24 | 66 | 896 | 94999 | 24 | 76 | | | | | 03 | 9 |
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| 134 | 154 | 89990 | | | 035 | 03995 | | | 443 | 16992 | | | 03 | 9 |
| 144 | 171 | 85927 | | | 057 | 06996 | | | 475 | 09997 | | | 03 | 9 |
| 223 | 159 | 78 | | | 059 | 06 | | | | | | | 03 | 1 |
| 235 | 166 | 75 | | | 097 | 95 | | | 555 | 05*** | | | 03 | 1 |
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| 246 | 149 | 82998 | | | 045 | 03996 | | | 484 | 03999 | | | 03 | 9 |
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| 001 | 907 | 00999 | | | 174 | 95994 | | | | | | | 03 | 8 |
| 030 | 898 | 01 4 | | | 155 | 02 4 | | | | | | | 03 | 8 |
| 384 | 918 | 98004 | | | 185 | 95991 | | | | | | | 03 | 5 |
| 415 | 999 | 99999 | | | 999 | 99999 | | | | | | | 03 | 8 |
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| 057 | 901 | 00990 | | | 170 | 92999 | | | 636 | 93990 | | | 03 | 8 |
| 077 | 920 | 97992 | 25 | 30 | 189 | 92990 | 28 | 35 | 655 | 93992 | | | 03 | 5 |
| 084 | 920 | 96997 | | | 185 | 97993 | | | | | | | 03 | 8 |
| 03 | | | | | | | | | | | | | | |
| 005 | 047 | 53 0 | 28 | 57 | 911 | 39 0 | 27 | 57 | | | | | 02 | 2 |
| 026 | 067 | 62420 | 23 | 81 | 058 | 53 0 | 25 | 67 | 482 | 48**0 | 25 | 20 | 08 | 2 |
| 171 | 101 | 64490 | | | 979 | 35 0 | | | | | | | 02 | 7 |
| 476 | 138 | 66520 | 29 | 51 | 022 | 39 0 | 30 | 44 | 471 | 32**0 | 32 | 23 | 08 | 2 |
| 743 | 154 | 61440 | 30 | 51 | 042 | 35 03 | 16 | 30 | | | | | 02 | 2 |
| 808 | 156 | 66520 | 29 | 52 | 035 | 31 0 | 30 | 56 | 443 | 27**0 | 29 | 16 | 02 | 2 |
| 917 | 121 | 64570 | 27 | 66 | 000 | 36 0 | 28 | 76 | 447 | 32**0 | | | 02 | 2 |
| 953 | 131 | 63 0 | | | 007 | 32 0 | | | 423 | 24**0 | | | 03 | 7 |
| 04 | | | | | | | | | | | | | | |
| 018 | 978 | 98999 | | | | | | | | | | | 03 | 1 |
| 202 | 000 | 96992 | 20 | 47 | 858 | 98999 | | 9 | 499 | 5**** | | | 03 | 1 |
| 231 | 101 | 50 | | | | | | | | | | | 03 | 1 |
| 270 | 101 | 58 | | | | | | | | | | | 03 | 1 |
| 339 | 101 | 42 | | | | | | | | | | | 03 | 2 |
| 360 | 101 | 43 | | | | | | | | | | | 03 | 5 |
| 06 | | | | | | | | | | | | | | |
| 011 | 920 | 98992 | | | 183 | 98994 | | | 639 | 98993 | | | 03 | 8 |
| 180 | 924 | 95990 | | | 180 | 01992 | | | | | | | 03 | 5 |
| 260 | 101 | 43 | | | | | | | | | | | 03 | 8 |
| 447 | 541 | 87943 | | | 230 | 02 5 | | | | | | | 03 | 8 |
| 610 | 500 | 83960 | 01 | 50 | 250 | 00 1 | 36 | 27 | | | | | 05 | 5 |
| 07 | | | | | | | | | | | | | | |
| 110 | 964 | 86951 | 31 | 59 | 234 | 03 7 | 32 | 56 | 656 | 12**1 | 34 | 19 | 02 | 5 |
| 145 | 960 | 85921 | | | 232 | 02 1 | | | 669 | 08**4 | | | 02 | 8 |
| 190 | 957 | 86959 | | | 221 | 03 1 | | | 659 | 07**4 | | | 02 | 8 |
| 480 | 101 | 43 | | | | | | | | | | | 02 | 8 |
| 510 | 957 | 89016 | 35 | 60 | 222 | 08 1 | 35 | 44 | 645 | 14**4 | | | 02 | 5 |
| 645 | 957 | 85962 | | | 230 | 00 4 | | | 670 | 08**0 | | | 02 | 8 |
| 08 | | | | | | | | | | | | | | |
| 509 | 174 | 86994 | 33 | 10 | | | | | | | | | 03 | 1 |
| 521 | 975 | 83957 | | | 249 | 02990 | | | 676 | 20991 | | | 14 | 8 |
| 536 | 973 | 85994 | | | 245 | 05993 | | | 668 | 13992 | | | 14 | 8 |
| 10 | | | | | | | | | | | | | | |
| 338 | 092 | 62470 | 32 | 50 | 977 | 42 0 | 32 | 57 | 420 | 31**0 | 31 | 20 | 02 | 2 |
| 384 | 934 | 93991 | 31 | 24 | 200 | 01990 | 32 | 48 | | | | | 03 | 5 |
| 419 | 005 | 41 0 | 34 | 60 | 461 | 32 0 | 32 | 21 | | | | | 02 | 2 |
| 633 | 955 | 87990 | 34 | 43 | 226 | 00997 | | | 676 | 96998 | | | 03 | 5 |
| 866 | 949 | 90942 | 27 | 22 | | | | | | | | | 03 | 5 |
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| 567 | 947 | 88992 | | | | | | | | | | | 05 | 5 |
| 17 | | | | | | | | | | | | | | |
| 130 | 101 | 43 | | | | | | | | | | | 02 | 8 |
| 40 | | | | | | | | | | | | | | |
| 648 | 191 | 83430 | | | 118 | 48 0 | 23 | 18 | 531 | 02**0 | | | 02 | 2 |
| 42 | | | | | | | | | | | | | | |
| 182 | 971 | 77 | | | 249 | 01 | | | | | | | 15 | 8 |
| 339 | 101 | 43 | | | | | | | | | | | 15 | 8 |
| 475 | 963 | 87 | | | 231 | 09 | | | | | | | 15 | 8 |
| 867 | 963 | 79 | | | 240 | 07 | | | | | | | 15 | 8 |
| 909 | 967 | 89 | | | 243 | 02 | | | | | | | 14 | 8 |
| 43 | | | | | | | | | | | | | | |
| 063 | 970 | 79 | | | | | | | | | | | 14 | 8 |
| 149 | 975 | 76 | | | | | | | | | | | 14 | 8 |
| 279 | 101 | 43 | | | | | | | | | | | 14 | 8 |
| 371 | 968 | 80 | | | 244 | 02 | | | | | | | 15 | 8 |
| 45 | | | | | | | | | | | | | | |
| 007 | 101 | 50 | | | | | | | | | | | 22 | 8 |
| 47 | | | | | | | | | | | | | | |
| 401 | 162 | 73785 | | | 098 | 90995 | | | | | | | 04 | 1 |
| 412 | 137 | 75820 | | | 068 | 94990 | | | 547 | 04990 | | | 03 | 1 |
| 580 | 101 | 50 | | | | | | | | | | | 03 | 1 |
| 590 | 191 | 75854 | | | 118 | 98996 | | | 538 | 13991 | | | 03 | 1 |
| 635 | 139 | 83997 | | | 039 | 07991 | | | 379 | 22994 | | | 03 | 1 |
| 646 | 192 | 79998 | | | 108 | 98990 | | | 534 | 11998 | | | 03 | 1 |
| 671 | 101 | 43 | | | | | | | | | | | 03 | 1 |
| 744 | 146 | 76870 | | | 068 | 96994 | | | 498 | 14990 | | | 06 | 1 |
| 778 | 183 | 77852 | | | 111 | 94991 | | | 552 | 11993 | | | 03 | 1 |
| 808 | 190 | 76997 | 21 | 24 | 188 | 94993 | | | | | | | 03 | 1 |
| 827 | 147 | 77917 | 22 | 10 | 074 | 92996 | | | 533 | 10996 | | | 03 | 1 |
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| 120 | 101 | 43 | | | | | | | | | | | 03 | 6 |
| 155 | 967 | 80034 | | | 244 | 98 7 | | | | | | | 02 | 8 |
| 390 | 101 | 43 | | | | | | | | | | | 02 | 8 |
| 61 | | | | | | | | | | | | | | |
| 642 | 962 | 86925 | 12 | 8 | 231 | 07114 | 12 | 5 | | | | | 07 | 5 |
| 62 | | | | | | | | | | | | | | |
| 053 | 179 | 82470 | | | 091 | 04 0 | | | 491 | 05**0 | | | 02 | 7 |
| 366 | 101 | 43 | | | | | | | | | | | 03 | 5 |
| 70 | | | | | | | | | | | | | | |
| 026 | 025 | 95990 | 31 | 28 | 884 | 02999 | 31 | 19 | 388 | 94998 | 31 | 9 | 03 | 1 |
| 133 | 034 | 92998 | | | 899 | 04991 | | | 399 | 95992 | | | 03 | 1 |
| 200 | 101 | 50 | | | | | | | | | | | 03 | 1 |
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| 231 | 009 | 95999 | | | 884 | 95991 | | | 396 | ***** | | | 03 | 1 |
| 261 | 014 | 96999 | 27 | 2 | 879 | 97996 | 28 | 15 | 385 | 97995 | 28 | 14 | 03 | 1 |
| 273 | 030 | 95992 | 25 | 33 | 896 | 97993 | 25 | 42 | | | | | 03 | 1 |
| 291 | 020 | 96994 | | | 886 | 98990 | | | | | | | 03 | 1 |
| 316 | 101 | 42 | | | | | | | | | | | 03 | 1 |
| 350 | 038 | 92992 | | | | | | | | | | | 03 | 1 |
| 361 | 101 | 58919 | 97 | | 9 | 10029 | 98 | | | | | | 03 | 1 |
| 381 | 048 | 91993 | | | 921 | 01993 | | | 407 | 00990 | | | 03 | 1 |
| 398 | 057 | 90996 | 32 | 76 | 932 | 02996 | | | 410 | 00999 | | | 03 | 1 |
| 409 | 101 | 50 | | | | | | | | | | | 03 | 1 |
| 439 | 099 | 83898 | 25 | 47 | 026 | 02996 | 26 | 51 | 494 | 94990 | | | 03 | 1 |
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| 202 | 199 | 82990 | 11 | 11 | 092 | 04998 | 08 | 13 | 459 | ***** | | | 03 | 1 |
| 208 | 199 | 84991 | 24 | 3 | 091 | 05993 | 19 | 14 | 458 | ***** | | | 05 | 1 |
| 211 | 189 | 82999 | | | 080 | 05998 | | | 442 | 22991 | | | 03 | 1 |
| 219 | 205 | 82932 | | | 101 | 04998 | | | 476 | 21992 | | | 03 | 1 |
| 231 | 169 | 83997 | 15 | 35 | 061 | 05990 | 14 | 32 | | | | | 03 | 1 |
| 240 | 173 | 83926 | | | 063 | 05997 | | | 436 | 21997 | | | 03 | 1 |
| 250 | 188 | 81928 | 03 | 10 | | | | | | | | | 03 | 1 |
| 253 | 188 | 81861 | 17 | 4 | 085 | 03997 | 35 | 25 | 467 | 20996 | | | 03 | 1 |
| 259 | 184 | 72814 | 14 | 4 | 085 | 01998 | 23 | 14 | 476 | 18995 | 13 | 6 | 03 | 1 |
| 265 | 186 | 80861 | 36 | 7 | 090 | 02995 | 04 | 11 | 463 | ***** | | | 03 | 1 |
| 270 | 179 | 82906 | | | 079 | 03993 | | | 450 | 25993 | | | 03 | 1 |
| 278 | 182 | 83990 | | | 084 | 02999 | | | 473 | 21990 | | | 03 | 1 |
| 304 | 206 | 82991 | 03 | 8 | 101 | 03997 | 00 | | | | | | 03 | 1 |
| 317 | 207 | 84946 | 20 | 12 | 095 | 04995 | 17 | 5 | | | | | 03 | 1 |
| 327 | 194 | 83992 | 21 | 34 | 089 | 04992 | 20 | 31 | 475 | 18996 | 04 | 9 | 03 | 1 |
| 340 | 194 | 84872 | 18 | 10 | 084 | 05990 | 25 | 22 | 479 | 17997 | 11 | 21 | 03 | 1 |
| 353 | 180 | 81926 | 20 | 7 | 077 | 05995 | 21 | 29 | | | | | 03 | 1 |
| 365 | 166 | 82990 | 24 | 40 | 064 | 02990 | 25 | 36 | 453 | ***** | | | 03 | 1 |
| 386 | 167 | 83998 | | | 067 | 02994 | | | 465 | 17998 | | | 03 | 1 |
| 394 | 178 | 82999 | 26 | 37 | 082 | 01997 | 24 | 41 | 486 | 18991 | 31 | 14 | 03 | 1 |
| 405 | 170 | 90994 | | | 024 | 16997 | | | | | | | 03 | 1 |
| 445 | 171 | 83914 | 19 | 28 | 076 | 98999 | 18 | 5 | 477 | 18996 | 22 | 15 | 03 | 1 |
| 451 | 176 | 79835 | | | 081 | 02991 | | | | | | | 03 | 1 |
| 476 | 152 | 87995 | 26 | 4 | 037 | 00998 | 25 | 49 | 444 | ***** | | | 03 | 1 |
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| 506 | 181 | 82991 | | | | | | | | | | | 03 | 1 |
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| 520 | 193 | 83953 | | | 087 | 04995 | | | 476 | 15998 | | | 03 | 1 |
| 528 | 192 | 82992 | | | 087 | 03996 | | | | | | | 03 | 1 |
| 534 | 183 | 82915 | | | | | | | | | | | 03 | 1 |
| 536 | 183 | 83912 | | | 079 | 04991 | | | | | | | 03 | 1 |
| 553 | 974 | 23224 | 13 | 9 | 922 | 25206 | | | 530 | 53543 | | | 03 | 1 |
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| 600 | 113 | 85932 | | | 001 | 04990 | | | | | | | 03 | 1 |
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| 655 | 161 | 82860 | 23 | 46 | 056 | 04991 | 21 | 57 | 462 | ***** | | | 03 | 1 |
| 662 | 135 | 87991 | 25 | 27 | 026 | 03998 | 28 | 54 | 446 | 12997 | 24 | 35 | 03 | 1 |
| 681 | 124 | 88971 | 27 | 40 | 996 | 06992 | | | | | | | 03 | 1 |
| 712 | 161 | 81887 | 32 | 39 | 065 | 01997 | 30 | 48 | 474 | 11993 | 31 | 47 | 03 | 1 |
| 734 | 171 | 81904 | 26 | 25 | 066 | 04996 | 25 | 28 | | | | | 03 | 1 |
| 747 | 150 | 81879 | 24 | 68 | 058 | 01992 | 23 | 88 | | | | | 03 | 1 |
| 764 | 137 | 80845 | | | 052 | 92998 | | | | | | | 03 | 1 |
| 768 | 085 | 88944 | | | 962 | 05990 | | | 409 | 05999 | | | 03 | 1 |
| 775 | 075 | 92994 | 25 | 54 | 938 | 03998 | | | 403 | 06992 | | | 03 | 1 |
| 785 | 058 | 93990 | 26 | 35 | 928 | 00992 | | | 408 | 03996 | | | 03 | 1 |

# RADIOSONDE AND RAWINSONDE DATA
## SIGNIFICANT LEVELS

| Index No. III | 1st. 5th. etc. Level PPP | 1st. 5th. etc. Level TTTTT ddx | 2nd. 6th. etc. Level PPP | 2nd. 6th. etc. Level TTTTT ddx | 3rd. 7th. etc. Level PPP | 3rd. 7th. etc. Level TTTTT ddx | 4th. 8th. etc. Level PPP | 4th. 8th. etc. Level TTTTT ddx | Hour GG | Code Type |
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| 91 | | | | | | | | | | |
| 066 | 015 | 26229 | 928 | 19178 | 830 | 13114 | 812 | 13104 | 03 | 1 |
| 115 | | | | | | | | | | |
| 182 | 016 | 27192 | 879 | 15125 | 761 | 06035 | 735 | 08514 | 03 | 1 |
| 215 | | | | | | | | | | |
| 245 | 011 | 31241 | 856 | 17157 | 816 | 14119 | 661 | 06011 | 03 | 1 |
| 275 | 014 | 26223 | 845 | 15131 | 820 | 13102 | 760 | 13521 | 03 | 1 |
| 366 | | | | | | | | | | |
| 413 | | | | | | | | | | |
| 98 | | | | | | | | | | |
| 645 | 004 | 29240 | 925 | 21195 | 896 | 21162 | 428 | 63656 | 03 | 8 |
| QLL | | OCEAN | STA | | | | | | | |
| 034 | 021 | 25233 | 835 | 15062 | 756 | 10066 | 659 | 04516 | 03 | 9 |
| 035 | 018 | 25211 | 730 | 04028 | 725 | 02527 | 716 | 08632 | 03 | 9 |
| 037 | 016 | 26247 | 974 | 24223 | 915 | 21187 | 907 | 22109 | 03 | 9 |
| 041 | 025 | 21197 | | 17142 | 074 | 12177 | 795 | 12067 | 02 | 5 |
| 044 | 016 | 10078 | 119 | 03028 | 779 | 03561 | 749 | 01574 | 03 | 9 |
| 051 | 013 | 59590 | 988 | 56560 | 808 | 56390 | 606 | 36270 | 02 | 2 |
| 053 | 999 | 11114 | 797 | 01511 | 764 | 00519 | 572 | 58721 | 03 | 9 |
| 055 | 010 | 06045 | 965 | 03011 | 952 | 05034 | 907 | 06014 | 03 | 9 |
| 062 | 009 | 53510 | | | | | | | 02 | 2 |
| 063 | 002 | 09095 | 717 | 54543 | 692 | 53557 | 552 | 65697 | 03 | 9 |
| 134 | 023 | 19187 | 830 | 08077 | 820 | 10087 | 800 | 12997 | 03 | 9 |
| 144 | 034 | 13189 | 953 | 13112 | 903 | 13067 | 876 | 13002 | 03 | 9 |
| 223 | 010 | 27 | 924 | 19 | 829 | 11*** | 793 | 13*** | 03 | 1 |
| 235 | 010 | 20 | 973 | 18 | 912 | 18*** | 783 | 12*** | 03 | 1 |
| 237 | 021 | 25219 | 909 | 15065 | 895 | 14093 | 828 | 11026 | 03 | 9 |
| 246 | 018 | 14113 | 930 | 10104 | 690 | 06999 | 610 | 01997 | 03 | 9 |
| 360 | 018 | 08044 | 912 | 52 | 892 | 51*** | 783 | 53*** | 04 | 8 |
| 01 | | | | | | | | | | |
| 001 | 020 | 05016 | 926 | 51519 | 900 | 01513 | 831 | 00582 | 03 | 8 |
| 030 | 014 | 06047 | 884 | 53544 | 807 | 51576 | 400 | 86897 | 03 | 8 |
| 384 | 987 | 12112 | 923 | 10098 | 823 | 04045 | 762 | 00008 | 03 | 5 |
| 415 | 014 | 13134 | 992 | 10108 | 957 | 09074 | 888 | 05023 | 03 | 8 |
| 02 | | | | | | | | | | |
| 057 | 011 | 02068 | 879 | 50502 | 689 | 57581 | 324 | 98996 | 03 | 8 |
| 077 | 010 | 12117 | 473 | 71732 | 293 | 98996 | 250 | 00990 | 03 | 5 |
| 084 | 011 | 16134 | 895 | 09083 | 802 | 05527 | 472 | 74776 | 03 | 8 |
| 03 | | | | | | | | | | |
| 005 | 004 | 54540 | | | | | | | 02 | 2 |
| 026 | 007 | 61590 | 932 | 53480 | 915 | 54440 | 877 | 50410 | 08 | 2 |
| 171 | 015 | 56550 | | | | | | | 02 | 7 |
| 476 | 013 | 70640 | 990 | 65610 | 937 | 59580 | 930 | 59570 | 08 | 2 |
| 743 | 004 | 62610 | | | | | | | 02 | 2 |
| 808 | 010 | 66650 | 973 | 63630 | 940 | 63630 | 810 | 51510 | 02 | 2 |
| 917 | 864 | 61020 | 355 | 530 | 656 | 460** | 852 | 400** | 02 | 2 |
| 953 | 017 | 61 0 | 931 | 53 0 | 900 | 60**0 | 835 | 51**0 | 03 | 7 |
| 04 | | | | | | | | | | |
| 018 | 995 | 10092 | 840 | 03024 | 813 | 03024 | 760 | 00004 | 03 | 1 |
| 202 | 009 | 09044 | 978 | 09012 | 926 | 07512 | 742 | 53561 | 03 | 1 |
| 231 | 006 | 09005 | 072 | 11002 | 048 | 11011 | 926 | 10011 | 03 | 1 |
| 270 | 015 | 10042 | 862 | 06006 | 612 | 61635 | 400 | 82933 | 03 | 1 |
| 339 | 018 | 04 | 808 | 03 | 874 | 04*** | 763 | 53*** | 03 | 2 |
| 360 | 007 | 05 | 991 | 04010 | 972 | 04020 | 938 | 03510 | 03 | 5 |
| 06 | | | | | | | | | | |
| 011 | 017 | 11107 | 808 | 02501 | 798 | 03516 | 401 | 79822 | 03 | 8 |
| 180 | 013 | 15145 | 980 | 17142 | 661 | 53546 | 528 | 67695 | 03 | 5 |
| 260 | 018 | 13134 | 007 | 18156 | 983 | 18135 | 927 | 13114 | 03 | 8 |
| 447 | 007 | 15141 | 980 | 18165 | 930 | 18144 | 810 | 09086 | 03 | 8 |
| 610 | 963 | 13113 | 894 | 18128 | 753 | 07038 | 657 | 52529 | 05 | 5 |
| 07 | | | | | | | | | | |
| 110 | 101 | 18163 | 985 | 16169 | 951 | 16160 | 930 | 14145 | 02 | 5 |
| 145 | 001 | 16154 | 995 | 17176 | 916 | 18131 | 872 | 17105 | 02 | 8 |
| 190 | 000 | 15127 | 990 | 21142 | 975 | 23160 | 960 | 23161 | 02 | 8 |
| 480 | 995 | 18102 | 962 | 23137 | 935 | 24130 | 805 | 13501 | 02 | 8 |
| 510 | 016 | 16165 | 940 | 22161 | 895 | 19112 | 865 | 18076 | 02 | 5 |
| 645 | 010 | 23122 | 960 | 26135 | 930 | 24092 | 885 | 22082 | 02 | 8 |
| 08 | | | | | | | | | | |
| 509 | 016 | 20182 | 916 | 10101 | 896 | 19072 | 812 | 14521 | 03 | 1 |
| 521 | 014 | 25185 | 930 | 17159 | 920 | 2219* | 885 | 23504 | 14 | 8 |
| 536 | 007 | 36175 | 676 | 05533 | 650 | 05642 | 613 | 02669 | 14 | 8 |
| 10 | | | | | | | | | | |
| 338 | 010 | 63600 | 958 | 57540 | 920 | 57530 | 870 | 57480 | 02 | 2 |
| 384 | 008 | 20132 | 929 | 16082 | 808 | 08028 | 644 | 54549 | 03 | 5 |
| 419 | 988 | 62570 | 970 | 60550 | 940 | 60520 | 755 | 46280 | 02 | 2 |
| 633 | 007 | 17127 | 980 | 10123 | 868 | 14512 | 669 | 50656 | 03 | 5 |
| 866 | 958 | 14081 | 930 | 20076 | 660 | 51545 | 636 | 53604 | 03 | 5 |
| 11 | | | | | | | | | | |
| 030 | 998 | 12115 | 958 | 18117 | 930 | 19085 | 893 | 17044 | 03 | 5 |
| 567 | 983 | 17129 | 970 | 16103 | 900 | 18130 | 558 | 60603 | 05 | 5 |
| 17 | | | | | | | | | | |
| 130 | 915 | 16095 | 839 | 14085 | 778 | 10058 | 754 | 09024 | 02 | 8 |
| 40 | | | | | | | | | | |
| 648 | 995 | 79460 | | | | | | | 02 | 2 |
| 42 | | | | | | | | | | |
| 182 | 975 | 2524 | 933 | 2626 | 739 | 1406* | 652 | 0952* | 15 | 8 |
| 339 | 974 | 3023 | 745 | 3023 | 777 | 1414* | 762 | 1513* | 15 | 8 |
| 475 | 988 | 2926 | 969 | 2923 | 861 | 1717* | 835 | 1716* | 15 | 8 |
| 867 | 966 | 2723 | 538 | 5156 | 250 | 87*** | 150 | 18*** | 15 | 8 |
| 909 | 999 | 2624 | 972 | 2423 | 765 | 1313* | 737 | 1312* | 14 | 8 |
| 43 | | | | | | | | | | |
| 063 | 940 | 2520 | 680 | 1102 | 616 | 0653* | 585 | 0657* | 14 | 8 |
| 149 | 994 | 2825 | 950 | 2624 | 350 | 67*** | 250 | 88*** | 14 | 8 |
| 279 | 001 | 3024 | 960 | 2718 | 828 | 2114* | 466 | 58*** | 14 | 8 |
| 371 | 000 | 2522 | 996 | 2520 | 962 | 2220* | 570 | 0153* | 15 | 8 |
| 45 | | | | | | | | | | |
| 007 | 999 | 27250 | 950 | 26230 | 900 | 24190 | 800 | 16150 | 22 | 8 |
| 47 | | | | | | | | | | |
| 401 | 009 | 19154 | 980 | 19199 | 935 | 16165 | 760 | 08080 | 04 | 1 |
| 412 | 008 | 22168 | 907 | 10088 | 836 | 10081 | 125 | 04998 | 03 | 1 |
| 580 | 005 | 25214 | 980 | 22198 | 937 | 22179 | 870 | 19143 | 03 | 1 |
| 590 | 007 | 23183 | 960 | 22193 | 867 | 16116 | 753 | 11501 | 03 | 1 |
| 635 | 008 | 28211 | 748 | 08089 | 662 | 03002 | 625 | 02596 | 03 | 1 |
| 646 | 008 | 27239 | 919 | 20207 | 787 | 17131 | 724 | 13071 | 03 | 1 |
| 671 | 011 | 26254 | 800 | 16144 | 767 | 16096 | 654 | 08555 | 03 | 1 |
| 744 | 006 | 26257 | 690 | 23217 | 881 | 23200 | 827 | 18160 | 06 | 1 |
| 778 | 001 | 28223 | 935 | 22173 | 608 | 04554 | 400 | 63713 | 03 | 1 |
| 808 | 005 | 30219 | 874 | 19156 | 831 | 17085 | 794 | 19566 | 03 | 1 |
| 827 | 008 | 29222 | 919 | 19158 | 803 | 10061 | 768 | 11042 | 03 | 1 |
| 60 | | | | | | | | | | |
| 120 | 014 | 22207 | 962 | 18150 | 936 | 26154 | 886 | 26994 | 03 | 6 |
| 155 | 010 | 20192 | 000 | 19194 | 970 | 18180 | 960 | 18172 | 02 | 8 |
| 390 | 015 | 19161 | 980 | 21161 | 940 | 19135 | 895 | 16096 | 02 | 8 |
| 61 | | | | | | | | | | |
| 642 | 009 | 25232 | 925 | 20188 | 889 | 18150 | 785 | 13117 | 07 | 5 |
| 62 | | | | | | | | | | |
| 053 | 997 | 77520 | | | | | | | 02 | 7 |
| 366 | 000 | 23181 | 942 | 18174 | 905 | 25023 | 804 | 17**4 | 03 | 5 |
| 70 | | | | | | | | | | |
| 026 | 015 | 02501 | 978 | 03507 | 950 | 06571 | 908 | 06001 | 03 | 1 |
| 133 | 010 | 13091 | 899 | 08501 | 770 | 02517 | 754 | 02542 | 03 | 1 |
| 200 | 010 | 12094 | 766 | 00541 | 576 | 65726 | 550 | 65795 | 03 | 1 |
| 219 | 010 | 12087 | 772 | 52545 | 644 | 58695 | 599 | 62741 | 03 | 1 |
| 231 | 996 | 14112 | 873 | 08024 | 616 | 59611 | 400 | 80847 | 03 | 1 |
| 261 | 992 | 20113 | 592 | 60724 | 550 | 64721 | 400 | 82903 | 03 | 1 |
| 273 | 008 | 14109 | | | 972 | 11994 | 896 | 08063 | 03 | 1 |
| 291 | 948 | 18092 | 880 | 12015 | 676 | 54577 | 400 | 81869 | 03 | 1 |
| 316 | | | | | | | | | | |
| 350 | 009 | 11107 | 940 | 10095 | 807 | 05058 | 687 | 50515 | 03 | 1 |
| 361 | | | | | | | | | | |
| 381 | 015 | 12081 | 830 | 01505 | 750 | 01534 | 664 | 53631 | 03 | 1 |
| 398 | 012 | 14071 | 840 | 02501 | 748 | 01577 | 477 | 68764 | 03 | 1 |
| 409 | | | | | | | | | | |
| 439 | 108 | 08062 | 010 | 05037 | 990 | 08051 | 912 | 04921 | 03 | 1 |
| 485 | 014 | 13082 | 902 | 05032 | 870 | 05519 | 815 | 03541 | 03 | 1 |
| 72 | | | | | | | | | | |
| 202 | 020 | 27247 | 753 | 12029 | 583 | 00553 | 456 | 61751 | 03 | 1 |
| 208 | 019 | 24225 | 967 | 27148 | 938 | 24185 | 730 | 11624 | 05 | 1 |
| 211 | 019 | 25221 | 643 | 05553 | 572 | 52561 | 462 | 61691 | 03 | 1 |
| 219 | 986 | 26217 | 978 | 29196 | 805 | 15083 | 758 | 14536 | 03 | 1 |
| 231 | 018 | 27232 | 440 | 66727 | 432 | 65808 | 400 | 70990 | 03 | 1 |
| 240 | 016 | 24237 | 994 | 26244 | 681 | 07509 | 669 | 07567 | 03 | 1 |
| 250 | 012 | 27242 | 881 | 20151 | 645 | 07651 | 595 | 02551 | 03 | 1 |
| 253 | 986 | 22414 | 975 | 25227 | 905 | 21183 | 834 | 19011 | 03 | 1 |
| 259 | 992 | 27201 | 743 | 12502 | 590 | 01542 | 560 | 50629 | 03 | 1 |
| 265 | 924 | 24195 | 592 | 02501 | 487 | 55603 | 400 | 66993 | 03 | 1 |
| 270 | 877 | 28135 | 862 | 28115 | 673 | 09045 | 634 | 07535 | 03 | 1 |
| 278 | 966 | 31112 | 960 | 36141 | 676 | 08515 | 670 | 10626 | 03 | 1 |
| 304 | 018 | 27253 | 979 | 27244 | 690 | 06036 | 597 | 03661 | 03 | 1 |
| 317 | 988 | 26243 | 985 | 30259 | 948 | 29209 | 833 | 18159 | 03 | 1 |
| 327 | 998 | 27241 | 974 | 28204 | 546 | 53625 | 534 | 53716 | 03 | 1 |
| 340 | 008 | 25237 | 975 | 26203 | 538 | 52583 | 488 | 57593 | 03 | 1 |
| 353 | 967 | 26202 | 673 | 06048 | 556 | 52541 | 400 | 67742 | 03 | 1 |
| 365 | 834 | 27084 | 823 | 28060 | 570 | 50557 | 470 | 60633 | 03 | 1 |
| 386 | 930 | 32569 | 923 | 35511 | 663 | 08607 | 564 | 00709 | 03 | 1 |
| 394 | 004 | 14113 | 963 | 12114 | 934 | 13128 | 900 | 18017 | 03 | 1 |
| 405 | 015 | 28243 | 904 | 23177 | 833 | 18143 | 660 | 04002 | 03 | 1 |
| 445 | 986 | 26821 | 967 | 27221 | 525 | 56604 | 432 | 64776 | 03 | 1 |
| 451 | 920 | 22191 | 887 | 19189 | 442 | 62642 | 400 | 66784 | 03 | 1 |
| 476 | 847 | 26059 | 840 | 29055 | 534 | 54664 | 400 | 71841 | 03 | 1 |
| 486 | 805 | 23503 | 799 | 26563 | 472 | 63672 | 400 | 70834 | 03 | 1 |
| 493 | 012 | 14122 | 972 | 10086 | 945 | 16114 | 931 | 16082 | 03 | 1 |
| 506 | 017 | 17166 | 968 | 20114 | 928 | 20104 | 774 | 10505 | 03 | 1 |
| 518 | 005 | 23177 | 975 | 24182 | 947 | 25154 | 808 | 14089 | 03 | 1 |
| 520 | 975 | 25215 | 961 | 26217 | 860 | 19142 | 565 | 50607 | 03 | 1 |
| 528 | 990 | 24214 | 956 | 25191 | 604 | 01555 | 564 | 50655 | 03 | 1 |
| 534 | 994 | 23224 | 955 | 25227 | 541 | 54611 | 400 | 66804 | 03 | 1 |
| 536 | 994 | 25211 | 400 | 67733 | 375 | 71844 | 276 | 87940 | 03 | 1 |
| 553 | 333 | 76802 | 262 | 89973 | 150 | 15999 | *25 | 18993 | 03 | 1 |
| 562 | 911 | 22193 | 877 | 20188 | 828 | 22044 | 760 | 19502 | 03 | 1 |
| 576 | 824 | 22037 | 816 | 26014 | 538 | 55614 | 520 | 54741 | 03 | 1 |
| 597 | 967 | 22071 | 858 | 13037 | 837 | 12525 | 828 | 13545 | 03 | 1 |
| 600 | 018 | 15154 | 970 | 13099 | 900 | 10075 | 738 | 02532 | 03 | 1 |
| 606 | 013 | 18177 | 970 | 24174 | 754 | 09042 | 720 | 09579 | 03 | 1 |
| 655 | 971 | 24212 | 960 | 25215 | 760 | 13034 | 754 | 12508 | 03 | 1 |
| 662 | 893 | 26104 | 877 | 29117 | 484 | 59755 | 400 | 70990 | 03 | 1 |
| 681 | 909 | 24088 | 902 | 27064 | 622 | 00548 | 593 | 51671 | 03 | 1 |
| 712 | 991 | 20174 | 978 | 22187 | 938 | 23132 | 791 | 11075 | 03 | 1 |
| 734 | 985 | 21217 | 753 | 10098 | 726 | 08049 | 710 | 10004 | 03 | 1 |
| 747 | 966 | 20151 | 946 | 25178 | 750 | 13001 | 659 | 04509 | 03 | 1 |
| 764 | 945 | 18178 | 905 | 19171 | 857 | 21102 | 766 | 14104 | 03 | 1 |
| 768 | 930 | 24082 | 542 | 60623 | 475 | 66704 | 400 | 73846 | 03 | 1 |
| 775 | 881 | 19034 | 613 | 53571 | 536 | 61643 | 508 | 62765 | 03 | 1 |
| 785 | 927 | 20042 | 653 | 54584 | 624 | 54704 | 586 | 57737 | 03 | 1 |

# RADIOSONDE AND RAWINSONDE DATA
## SIGNIFICANT LEVELS

| Index No. III | 1st. 5th. etc. Level PPP | 1st. 5th. etc. Level TTTTT ddx | 2nd. 6th. etc. Level PPP | 2nd. 6th. etc. Level TTTTT ddx | 3rd. 7th. etc. Level PPP | 3rd. 7th. etc. Level TTTTT ddx | 4th. 8th. etc. Level PPP | 4th. 8th. etc. Level TTTTT ddx | Hour GG | Code Type |
|---|---|---|---|---|---|---|---|---|---|---|
| 91 | | | | | | | | | | |
| 066 | 745 | 12078 | 645 | 04015 | 600 | 00525 | 580 | 50543 | 03 | 1 |
| 115 | | | | | | | | | | |
| 182 | 685 | 05657 | 673 | 07644 | 651 | 08995 | 400 | 68997 | 03 | 1 |
| 215 | | | | | | | | | | |
| 245 | 594 | 02566 | 529 | 54603 | 465 | 58696 | 414 | 65731 | 03 | 1 |
| 275 | | | | | | | 583 | 05995 | 03 | 1 |
| 366 | | | | | | | | | | |
| 413 | | | | | | | | | | |
| 98 | | | | | | | | | | |
| 645 | 340 | 73791 | 316 | 77873 | 260 | 88962 | 140 | 21992 | 03 | 8 |
| QLL | | OCEAN | STA | | | | | | | |
| 034 | 630 | 03601 | 601 | 00592 | 330 | 79928 | 272 | 90990 | 03 | 9 |
| 035 | 415 | 68990 | 407 | 67992 | | | | | 03 | 9 |
| 037 | 894 | 20167 | 755 | 12071 | 658 | 05556 | 609 | 01563 | 03 | 9 |
| 041 | 953 | 00550 | 530 | 52610 | 447 | 60694 | 340 | | 02 | 5 |
| 044 | 732 | 00697 | 676 | 52525 | 645 | 54998 | 615 | 57751 | 03 | 9 |
| 051 | 660 | 37130 | | | | | | | 02 | 2 |
| 053 | 442 | 73891 | 400 | 80946 | 377 | 80999 | 313 | 89999 | 03 | 9 |
| 055 | 875 | 05524 | 585 | 64684 | 400 | 82881 | 353 | 90942 | 03 | 9 |
| 062 | | | | | | | | | | |
| 063 | 457 | 72837 | 417 | 78856 | 400 | 80902 | 327 | 90002 | 03 | 9 |
| 134 | 766 | 12562 | 660 | 05572 | 540 | 54721 | 400 | 72995 | 03 | 9 |
| 144 | 400 | 73874 | 334 | 80938 | 273 | 90980 | 123 | 12991 | 03 | 9 |
| 223 | 609 | 01 | 540 | 50 | 407 | 64*** | 265 | 86*** | 03 | 1 |
| 235 | 440 | 59 | 211 | 91 | 173 | 04*** | 151 | 06*** | 03 | 1 |
| 237 | 785 | 08044 | 763 | 08525 | 696 | 04513 | 634 | 51595 | 03 | 9 |
| 246 | 526 | 56591 | 400 | 69743 | 350 | 74995 | 260 | 92995 | 03 | 9 |
| 360 | 555 | 68 | 400 | 83 | 345 | 90*** | | | 04 | 8 |
| 01 | | | | | | | | | | |
| 001 | 770 | 53563 | 720 | 54626 | 400 | 86932 | 361 | 91988 | 03 | 8 |
| 030 | 318 | 97 2 | 260 | 11 9 | 250 | 12**0 | 205 | 02**8 | 03 | 8 |
| 384 | 668 | 54545 | 423 | 79804 | 400 | 81812 | 381 | 83847 | 03 | 5 |
| 415 | 821 | 04041 | 731 | 55576 | 720 | 52556 | 624 | 57634 | 03 | 8 |
| 02 | | | | | | | | | | |
| 057 | 287 | 90994 | 212 | 92996 | | | | | 03 | 8 |
| 077 | 200 | 92990 | 099 | 93990 | | | | | 03 | 5 |
| 084 | 405 | 80843 | 272 | 01997 | 241 | 01990 | 223 | 98990 | 03 | 8 |
| 03 | | | | | | | | | | |
| 005 | | | | | | | | | | |
| 026 | 760 | 51470 | 745 | 54470 | 660 | 30220 | 632 | 31030 | 08 | 2 |
| 171 | | | | | | | | | | |
| 476 | 835 | 50460 | 776 | 49340 | 722 | 47080 | 680 | 42000 | 08 | 2 |
| 743 | | | | | | | | | | |
| 808 | 773 | 51490 | 525 | 15130 | 509 | 17970 | 145 | 19**0 | 02 | 2 |
| 917 | 785 | 32380 | 212 | 36 0 | 185 | 36**0 | 158 | 29**0 | 02 | 2 |
| 953 | 764 | 50 0 | 653 | 37 0 | 602 | 35**0 | 421 | 98**0 | 03 | 7 |
| 04 | | | | | | | | | | |
| 018 | 735 | 00004 | 400 | 82885 | 348 | 90962 | 260 | 00996 | 03 | 1 |
| 202 | 581 | 63727 | 554 | 68739 | 475 | 73843 | 400 | 81999 | 03 | 1 |
| 231 | 902 | 10034 | 834 | 07504 | 639 | 59615 | 626 | 58644 | 03 | 1 |
| 270 | 357 | 87990 | 101 | 58 | | | | | 03 | 1 |
| 339 | 683 | 54 | 611 | 68 | 449 | 74*** | 400 | 79*** | 03 | 2 |
| 360 | 904 | 06020 | 872 | 06530 | 685 | 59660 | 588 | 62680 | 03 | 5 |
| 06 | | | | | | | | | | |
| 011 | 257 | 06997 | 221 | 97991 | 053 | 97990 | | | 03 | 8 |
| 180 | 520 | 67591 | 467 | 71761 | 322 | 94997 | 256 | 03996 | 03 | 5 |
| 260 | 897 | 11063 | 880 | 11016 | 832 | 08538 | 745 | 01659 | 03 | 8 |
| 447 | 755 | 09045 | 645 | 51546 | 595 | 57626 | 530 | 58721 | 03 | 8 |
| 610 | 624 | 54553 | 595 | 53651 | 516 | 60781 | 443 | 67878 | 05 | 5 |
| 07 | | | | | | | | | | |
| 110 | 892 | 15149 | 840 | 13111 | 810 | 12091 | 757 | 09079 | 02 | 5 |
| 145 | 800 | 16079 | 763 | 09072 | 615 | 52542 | 590 | 52565 | 02 | 8 |
| 190 | 905 | 20117 | 635 | 53594 | 578 | 55644 | 551 | 59673 | 02 | 8 |
| 480 | 652 | 50591 | 579 | 54635 | 629 | 68807 | 310 | 87004 | 02 | 8 |
| 510 | 780 | 12530 | 675 | 01633 | 650 | 02633 | 605 | 54686 | 02 | 5 |
| 645 | 710 | 05558 | 699 | 04572 | 666 | 03581 | 590 | 53646 | 02 | 8 |
| 08 | | | | | | | | | | |
| 509 | 730 | 06542 | 694 | 07621 | 602 | 50997 | 489 | 59744 | 03 | 1 |
| 521 | 854 | 23515 | 715 | 14573 | 644 | 06539 | 548 | 54631 | 14 | 8 |
| 536 | 555 | 52700 | 517 | 52992 | 480 | 58743 | 430 | 63789 | 14 | 8 |
| 10 | | | | | | | | | | |
| 338 | 640 | 25120 | 585 | 23060 | 408 | 94770 | 367 | 78620 | 02 | 2 |
| 384 | 575 | 60605 | 440 | 72784 | 400 | 76894 | 370 | 88944 | 03 | 5 |
| 419 | 462 | 28040 | | 27030 | 218 | 42**0 | 130 | 40**0 | 02 | 2 |
| 633 | 590 | 53993 | 400 | 73993 | 200 | 90990 | 228 | 98995 | 03 | 5 |
| 866 | 585 | 54703 | 450 | 67729 | 400 | 74795 | 300 | 90942 | 03 | 5 |
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| 030 | 770 | 05508 | 642 | 53552 | 612 | 53641 | 580 | 56644 | 03 | 5 |
| 567 | 483 | 64681 | 267 | 93993 | 240 | 96994 | | | 05 | 5 |
| 17 | | | | | | | | | | |
| 130 | 731 | 11524 | 666 | 06608 | 653 | 06630 | 625 | 05990 | 02 | 8 |
| 40 | | | | | | | | | | |
| 648 | | | | | | | | | | |
| 42 | | | | | | | | | | |
| 182 | 564 | 02 | 550 | 02 | 167 | 13*** | 120 | 18*** | 15 | 8 |
| 339 | 650 | 0604 | 589 | 5050 | | | | | 15 | 8 |
| 475 | 770 | 1111 | 664 | 0707 | 180 | 26*** | | | 15 | 8 |
| 867 | | | | | | | | | | |
| 909 | 514 | 5064 | 425 | 62 | 160 | 12*** | | | 14 | 8 |
| 43 | | | | | | | | | | |
| 063 | 275 | 83 | | | | | | | 14 | 8 |
| 149 | | | | | | | | | | |
| 279 | 311 | 77 | | | | | | | 14 | 8 |
| 371 | 185 | 04 | | | | | | | 15 | 8 |
| 45 | | | | | | | | | | |
| 007 | 750 | 14100 | 650 | 09010 | 600 | 05550 | 550 | 01640 | 22 | 8 |
| 47 | | | | | | | | | | |
| 401 | 561 | 52541 | 533 | 52547 | 521 | 55553 | 428 | 61651 | 04 | 1 |
| 412 | 057 | 96993 | 101 | 56 | | | | | 03 | 1 |
| 580 | 820 | 23046 | 590 | 03501 | 490 | 55595 | 101 | 58*** | 03 | 1 |
| 590 | 668 | 10527 | 600 | 05572 | 400 | 63748 | 235 | 86973 | 03 | 1 |
| 635 | 590 | 51642 | 567 | 52638 | 400 | 69836 | 278 | 87990 | 03 | 1 |
| 646 | 615 | 05529 | 426 | 62705 | 344 | 72799 | 280 | 81995 | 03 | 1 |
| 671 | 583 | 04550 | 545 | 00637 | 443 | 59671 | 400 | 61729 | 03 | 1 |
| 744 | 366 | 65774 | 280 | 81911 | 237 | 87951 | 224 | 91890 | 06 | 1 |
| 778 | 319 | 74823 | 273 | 81894 | 163 | 01995 | 128 | 12995 | 03 | 1 |
| 808 | 691 | 10016 | 650 | 07672 | 564 | 03994 | 400 | 64991 | 03 | 1 |
| 827 | 633 | 10013 | 631 | 51615 | 600 | 00621 | 435 | 63777 | 03 | 1 |
| 60 | | | | | | | | | | |
| 120 | 800 | 23991 | 600 | 51583 | 512 | 56990 | 505 | 58990 | 03 | 6 |
| 155 | 895 | 26114 | 867 | 26052 | 857 | 25022 | 817 | 23534 | 02 | 8 |
| 390 | 845 | 16096 | 765 | 08512 | 708 | 04598 | 668 | 02660 | 02 | 8 |
| 61 | | | | | | | | | | |
| 642 | 552 | 54577 | 388 | 69788 | 319 | 81994 | 303 | 05908 | 07 | 5 |
| 62 | | | | | | | | | | |
| 053 | | | | | | | | | 02 | 7 |
| 366 | 779 | 19 4 | 656 | 10 1 | 562 | 05**7 | 400 | 62**7 | 03 | 5 |
| 70 | | | | | | | | | | |
| 026 | 894 | 06594 | 809 | 03604 | 643 | 56731 | 578 | 60763 | 03 | 1 |
| 133 | | | 683 | 53611 | 666 | 54591 | 548 | 62765 | 03 | 1 |
| 200 | 512 | 69792 | 101 | 58 | | | | | 03 | 1 |
| 219 | 571 | 63707 | 543 | 6805 | 400 | 82937 | 345 | 90000 | 03 | 1 |
| 231 | 336 | 89926 | 250 | 02997 | 105 | 96995 | | | 03 | 1 |
| 261 | 343 | 90000 | 240 | 03995 | 096 | 97996 | | | 03 | 1 |
| 273 | 627 | 57585 | 562 | 62744 | 550 | 61764 | 462 | 71785 | 03 | 1 |
| 291 | 343 | 90983 | 256 | 03995 | | | | | 03 | 1 |
| 316 | | | | | | | | | | |
| 350 | 594 | 57595 | 560 | 61669 | 400 | 78992 | 314 | 90990 | 03 | 1 |
| 361 | | | | | | | | | | |
| 381 | 570 | 61681 | 400 | 87885 | 310 | 89974 | 215 | 04995 | 03 | 1 |
| 398 | 445 | 70834 | 400 | 76873 | 320 | 87966 | 214 | 04996 | 03 | 1 |
| 409 | | | | | | | | | | |
| 439 | 875 | 09553 | 682 | 00663 | 574 | 47822 | 482 | 69869 | 03 | 1 |
| 485 | 792 | 03613 | 505 | 67830 | 466 | 70843 | 400 | 77998 | 03 | 1 |
| 72 | | | | | | | | | | |
| 202 | 400 | 67745 | 387 | 68883 | 266 | 88993 | 151 | 17994 | 03 | 1 |
| 208 | 400 | 67993 | 268 | 89995 | 168 | 16992 | 183 | 22995 | 05 | 1 |
| 211 | 438 | 63788 | 400 | 68994 | 146 | 20994 | 116 | 24994 | 03 | 1 |
| 219 | 658 | 06554 | 595 | 02678 | 554 | 51642 | 400 | 66799 | 03 | 1 |
| 231 | 180 | 10996 | | | | | | | 03 | 1 |
| 240 | 640 | 05536 | 610 | 03661 | 570 | 50699 | 533 | 54619 | 03 | 1 |
| 250 | 575 | 00611 | 525 | 53602 | 480 | 58733 | 400 | 65796 | 03 | 1 |
| 253 | 788 | 15021 | 738 | 13566 | 616 | 04625 | 598 | 01538 | 03 | 1 |
| 259 | 470 | 59614 | 400 | 66696 | 364 | 70792 | 254 | 90972 | 03 | 1 |
| 265 | 314 | 78844 | 251 | 89976 | 132 | 21995 | 108 | 24995 | 03 | 1 |
| 270 | 461 | 61642 | 433 | 62668 | 409 | 65801 | 386 | 67822 | 03 | 1 |
| 278 | 400 | 66825 | 347 | 75897 | 135 | 18998 | 092 | 21996 | 03 | 1 |
| 304 | 554 | 50639 | 504 | 52701 | 400 | 66998 | 270 | 87995 | 03 | 1 |
| 317 | 750 | 13061 | 670 | 06012 | 630 | 05634 | 400 | 67805 | 03 | 1 |
| 327 | 400 | 69841 | 174 | 11990 | 110 | 21990 | 092 | 16997 | 03 | 1 |
| 340 | 400 | 67702 | 271 | 89934 | 117 | 19998 | 094 | 17990 | 03 | 1 |
| 353 | 346 | 74881 | 261 | 89009 | 165 | 15994 | 146 | 16993 | 03 | 1 |
| 365 | 454 | 62674 | 432 | 64790 | 418 | 68827 | 400 | 68821 | 03 | 1 |
| 386 | 400 | 70994 | 238 | 93991 | 146 | 15992 | 103 | 18990 | 03 | 1 |
| 394 | 883 | 20072 | 872 | 21541 | 826 | 21074 | 743 | 15564 | 03 | 1 |
| 405 | 618 | 02624 | 589 | 50581 | 565 | 50646 | 552 | 51615 | 03 | 1 |
| 445 | 400 | 69773 | 334 | 78902 | 268 | 88986 | 116 | 20990 | 03 | 1 |
| 451 | 341 | 73868 | 313 | 77814 | 247 | 89934 | 156 | 15998 | 03 | 1 |
| 476 | 375 | 75885 | 268 | 94996 | 136 | 15999 | 118 | 14996 | 03 | 1 |
| 486 | 387 | 71889 | 278 | 90990 | 148 | 11998 | 120 | 11992 | 03 | 1 |
| 493 | 853 | 21512 | 819 | 17059 | 726 | 11626 | 518 | 54735 | 03 | 1 |
| 506 | 568 | 52673 | 544 | 54623 | 433 | 61781 | 400 | 64996 | 03 | 1 |
| 518 | 754 | 12501 | 741 | 11022 | 676 | 08611 | 592 | 01669 | 03 | 1 |
| 520 | 541 | 52712 | 463 | 58998 | 423 | 63808 | 400 | 66837 | 03 | 1 |
| 528 | 553 | 00655 | 474 | 58689 | 423 | 62797 | 400 | 65798 | 03 | 1 |
| 534 | 263 | 89005 | 250 | 91990 | | | | | 03 | 1 |
| 536 | 154 | 14996 | | | | | | | 03 | 1 |
| 553 | 095 | 15995 | | | | | | | 03 | 1 |
| 562 | 604 | 01049 | 527 | 55734 | 455 | 62782 | 400 | 70831 | 03 | 1 |
| 576 | 400 | 69998 | 287 | 89993 | 190 | 07995 | 178 | 05998 | 03 | 1 |
| 597 | 802 | 11605 | 760 | 09531 | 742 | 10643 | 687 | 07656 | 03 | 1 |
| 600 | 687 | 01616 | 634 | 52694 | 595 | 54651 | 525 | 61724 | 03 | 1 |
| 606 | 467 | 59735 | 400 | 66799 | 325 | 77898 | 268 | 89997 | 03 | 1 |
| 655 | 732 | 11035 | 712 | 11532 | 592 | 50571 | 558 | 52661 | 03 | 1 |
| 662 | 283 | 89991 | 230 | 95998 | 106 | 14996 | | | 03 | 1 |
| 681 | 441 | 66793 | 400 | 71999 | 353 | 79908 | 291 | 90988 | 03 | 1 |
| 712 | 654 | 04508 | 640 | 04587 | 560 | 53611 | 547 | 54646 | 03 | 1 |
| 734 | 678 | 07599 | 615 | 02518 | 390 | 01556 | 510 | 55895 | 03 | 1 |
| 747 | 614 | 50571 | 595 | 51545 | 566 | 53581 | 554 | 53636 | 03 | 1 |
| 764 | 738 | 13041 | 400 | 67709 | 256 | 89944 | 178 | 08994 | 03 | 1 |
| 768 | 291 | 90952 | 205 | 05996 | 186 | 03996 | 082 | 07992 | 03 | 1 |
| 775 | 473 | 66817 | 420 | 73818 | 400 | 75902 | 316 | 89983 | 03 | 1 |
| 785 | 560 | 58655 | 450 | 71773 | 400 | 76807 | 320 | 90943 | 03 | 1 |

## JULY 27

# RADIOSONDE AND RAWINSONDE DATA

| Index No. iii | Station Name | 1000 mb. hhh | TTTTT ddx | dd | ff | 850 mb. hhh | TTTTT ddx | dd | ff | 700 mb. hhh | TTTTT ddx | dd | ff | 500 mb. hhh | TTTTT ddx | dd | ff | Hour GG | Code Type |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 798 | TATOOSH IS | 046 | 11099 | 24 | 12 | 485 | 02009 | 28 | 14 | 997 | 51526 | 31 | 23 | 855 | 65728 | 31 | 51 | 03 | 1 |
| 807 | ARGENTIA | 060 | 11082 | | | 500 | 05515 | | | 014 | 52581 | | | 967 | 68692 | | | 02 | 1 |
| 815 | STEPHENVILLE | 040 | 14115 | 21 | 17 | 486 | 07058 | 22 | 15 | 001 | 54626 | 29 | 9 | 854 | 66770 | 32 | 30 | 03 | 1 |
| 816 | GOOSE | 019 | 16117 | 07 | 4 | 481 | 10022 | 18 | 9 | 000 | 51617 | 28 | 12 | 859 | 64997 | 32 | 28 | 03 | 1 |
| 826 | NITCHEQUON | 508 | | | | 446 | 14144 | | | 897 | 05057 | | | 861 | 56990 | | | 03 | 1 |
| 836 | MOOSONEE | 006 | 22169 | | | 466 | 18067 | | | 007 | 08611 | | | 896 | 55751 | | | 03 | 1 |
| 867 | THE PAS | 006 | | | | 453 | 08048 | | | 973 | 00577 | | | 839 | 62725 | | | 03 | 1 |
| 879 | EDMONTON | 015 | | | | 466 | 09053 | 31 | 7 | 983 | 52534 | 17 | 3 | 833 | 68724 | 23 | 12 | 03 | 1 |
| 896 | PRINCE GEORG | 032 | | | | 476 | 06046 | 28 | 13 | 998 | 52536 | 35 | 8 | 842 | 68714 | 36 | 12 | 03 | 1 |
| 906 | FT CHIMO | 003 | | | | 450 | 07019 | | | 966 | 53553 | | | *** | ***** | | | 09 | 1 |
| 907 | PORT HARRISN | | | | | 443 | 06045 | | | 959 | 50514 | | | 822 | 64724 | | | 03 | 1 |
| 909 | UP FROBISHER | 026 | 04022 | 29 | 4 | 461 | 03009 | 09 | 6 | 970 | 55591 | 03 | 4 | 812 | 70992 | 00 | | 09 | 1 |
| 913 | CHURCHILL | 513 | | | | 423 | 06058 | 22 | 4 | 939 | 51564 | 34 | 6 | 799 | 64818 | 02 | 17 | 03 | 1 |
| 915 | CORAL HARBOR | 025 | 07047 | | | 462 | 04542 | | | 977 | 50998 | | | 835 | 66771 | | | 03 | 1 |
| 917 | EUREKA | 023 | 10013 | 20 | 5 | 462 | 01546 | 14 | 9 | 963 | 59639 | 18 | 12 | 796 | 73821 | 19 | 24 | 03 | 1 |
| 918 | ARCTIC BAY | 031 | 08019 | | | 466 | 50456 | | | 966 | 56592 | | | 797 | 75772 | | | 03 | 1 |
| 924 | RESOLUTE | 016 | 02011 | 12 | 11 | 443 | 55562 | 20 | 19 | 939 | 59691 | 20 | 28 | 767 | 77843 | 20 | 49 | 03 | 1 |
| 926 | BAKER LAKE | 101 | 59 | | | | | | | *** | ***** | | | *** | ***** | | | 03 | 1 |
| 934 | FT SMITH | 017 | | | | 473 | 11084 | | | 994 | 50538 | | | 851 | 66998 | | | 03 | 1 |
| 938 | COPPERMINE | 027 | 09044 | | | 460 | 51547 | | | 961 | 58611 | | | 795 | 72777 | | | 03 | 1 |
| 945 | FORT NELSON | 026 | | | | 479 | 11063 | | | 000 | 00534 | | | 862 | 64709 | | | 03 | 1 |
| 964 | WHITEHORSE | 022 | | | | 476 | 12048 | 28 | 3 | 999 | 50531 | 24 | 7 | 858 | 66765 | 20 | 7 | 03 | 1 |
| 968 | AKLAVIK | 042 | 09015 | | | 476 | 50596 | | | 978 | 57675 | | | 821 | 69776 | | | 03 | 1 |
| | BLOCK 74 | | | | | | | | | | | | | | | | | | |
| 043 | NORMAN WELLS | 047 | 13021 | | | 484 | 00537 | | | 989 | 56716 | | | 828 | 71998 | | | 03 | 1 |
| 072 | MOULD BAY | 508 | | | | 420 | 53565 | | | 913 | 63656 | | | 725 | 79842 | | | 03 | 1 |
| 074 | ISACHSEN | 010 | 04029 | | | 439 | 52536 | | | 937 | 60624 | | | 760 | 77803 | | | 03 | 1 |
| 090 | CLYDE RIVER | 030 | 08527 | 17 | 1 | 468 | 03588 | 15 | 15 | 975 | 57641 | 12 | 8 | 817 | 72997 | | | 03 | 1 |
| 109 | PORT HARDY | 044 | 12086 | | | 483 | 04018 | | | 000 | 00617 | | | 865 | 62775 | | | 03 | 1 |
| 188 | MINGAN L PT | 018 | 13131 | 00 | | 468 | 10107 | 29 | .7 | 993 | 03029 | 30 | 54 | 870 | 69636 | | | 09 | 1 |
| | BLOCK 76 | | | | | | | | | | | | | | | | | | |
| 458 | MAZATLAN | 039 | 27219 | | | 506 | 20121 | | | 046 | 10012 | | | 939 | 56591 | | | 02 | 1 |
| 491 | C VICTORIA | 022 | | | | 496 | 22107 | | | 039 | 11535 | | | 937 | 54714 | | | 02 | 1 |
| 644 | MERIDA | 040 | 25202 | | | 505 | 17119 | | | 004 | 80170 | | | 928 | 57602 | | | 03 | 1 |
| 679 | TACUBAYA | 018 | | | | 490 | | | | 037 | 11032 | | | 930 | 56651 | | | 03 | 1 |
| | BLOCK 78 | | | | | | | | | | | | | | | | | | |
| 016 | KINDLEY FLD | 039 | 24234 | 28 | 5 | 499 | 13083 | 31 | 18 | 025 | 03572 | 29 | 16 | 904 | 59997 | 33 | 16 | 03 | 1 |
| 325 | HAVANA C B | 054 | 28222 | 09 | 5 | 520 | 18114 | 13 | 15 | 059 | 09575 | 18 | 15 | *** | ***** | | | 03 | 1 |
| 395 | VERNAM FIELD | 046 | 27232 | 11 | 5 | 514 | 19099 | 07 | 23 | 052 | 08617 | 10 | 32 | 938 | 55677 | 09 | 13 | 03 | 1 |
| 501 | SWAN ISLAND | 047 | 27232 | | | 512 | 19064 | | | 050 | 09562 | | | 937 | 56669 | | | 03 | 1 |
| 525 | SAN JUAN | 051 | 26203 | 07 | 14 | 514 | 17038 | 07 | 16 | 051 | 07547 | 07 | 20 | *** | ***** | | | 03 | 1 |
| 741 | MANAGUA | 033 | 24209 | 09 | 10 | 501 | 21161 | 08 | 38 | 024 | 10009 | 09 | 33 | 937 | 56997 | 08 | 25 | 03 | 1 |
| 806 | ALBROOK FLD | 031 | 24217 | 31 | 11 | 493 | 16134 | 05 | 13 | 027 | 08003 | 09 | 17 | 910 | 58647 | 10 | 17 | 03 | 1 |
| 967 | CHAGUARAMAS | 043 | 23207 | | | 507 | 19114 | | | 046 | 10530 | | | 937 | 56642 | | | 03 | 1 |
| 972 | WALLER FIELD | 042 | 22215 | 00 | | 503 | 17093 | 09 | 9 | 039 | 09004 | 11 | 4 | 933 | 53620 | 11 | 17 | 04 | 1 |
| | BLOCK 91 | | | | | | | | | | | | | | | | | | |
| 066 | MIDWAY ISL | 062 | 25213 | 10 | 14 | 523 | 16103 | 11 | 14 | 056 | 10998 | 10 | 14 | 948 | 56994 | 22 | 12 | 03 | 1 |
| 182 | HONOLULU | 044 | 25163 | 05 | 12 | 504 | 14082 | 09 | 10 | 036 | 07589 | 07 | 8 | 926 | 56722 | 32 | 13 | 03 | 1 |
| 245 | WAKE ISLAND | 037 | 27219 | 14 | 15 | 501 | 18160 | 18 | 4 | 040 | 10054 | 15 | 8 | 536 | 54659 | 22 | 10 | 03 | 1 |
| | BLOCK 98 | | | | | | | | | | | | | | | | | | |
| 327 | CLARK FIELD | 101 | 59 | | | | | | | *** | ***** | | | *** | ***** | | | 03 | 1 |
| 645 | CEBU | 026 | 29241 | | | 496 | 18112 | | | 030 | 10046 | | | 924 | 55636 | | | 03 | 8 |
| QLL | OCEAN STA | | | | | | | | | | | | | | | | | | |
| 034 | 0 355 400 | 070 | 23217 | 20 | 18 | 532 | 15113 | 24 | 6 | 066 | 06538 | 24 | 10 | 944 | 58717 | 26 | 20 | 03 | 9 |
| 035 | 0 340 520 | 048 | 24224 | 25 | 12 | 510 | 15129 | 20 | 18 | 043 | 05037 | 22 | 30 | 920 | 60652 | 23 | 42 | 03 | 9 |
| 037 | 0 360 700 | 049 | 24193 | 02 | 19 | 510 | 17058 | 34 | 10 | 049 | 12991 | 31 | 21 | 947 | 54990 | 33 | 8 | 03 | 9 |
| 041 | 0 450 160 | 238 | 17614 | 28 | 6 | 630 | 11107 | 32 | 17 | 231 | 06044 | 33 | 11 | 929 | 55796 | | | 02 | 5 |
| 044 | 0 450 450 | 073 | 09077 | | | 512 | 07524 | | | 031 | 01579 | | | 893 | 63745 | | | 03 | 9 |
| 051 | 0 538 187 | 038 | 58520 | | | 479 | 42420 | 24 | 34 | 003 | 37150 | 23 | 46 | 870 | 09740 | 22 | 66 | 02 | 2 |
| 053 | 0 527 355 | 040 | 10083 | 27 | 25 | 479 | 04023 | 27 | 19 | 990 | 53555 | 29 | 17 | 840 | 67788 | 27 | 24 | 03 | 9 |
| 055 | 0 565 510 | 045 | 06041 | | | 482 | 02511 | 24 | 7 | 986 | 75799 | 27 | 15 | 823 | 70834 | 24 | 10 | 03 | 9 |
| 062 | 0 600 200 | 002 | 54530 | 21 | 15 | 441 | 39300 | 22 | 22 | 952 | 28120 | 22 | 24 | 805 | 01830 | 22 | 30 | 02 | 2 |
| 063 | 0 620 330 | 008 | 09090 | | | 445 | 03031 | 02 | 18 | 956 | 53545 | 04 | 14 | 803 | 69726 | 05 | 4 | 03 | 9 |
| 131 | 1 321 186 | 038 | 13095 | | | 466 | 16995 | | | 004 | 13994 | | | 896 | 56990 | | | 03 | 9 |
| 134 | 1 300 400 | 064 | 18178 | 06 | 15 | 516 | 11082 | 06 | 19 | 047 | 07551 | 07 | 12 | 930 | 58997 | 26 | 7 | 03 | 9 |
| 144 | 1 490 480 | 093 | 14112 | 27 | 25 | 540 | 11207 | 28 | 25 | 067 | 04611 | 27 | 41 | 930 | 66803 | 26 | 29 | 03 | 9 |
| 223 | 2 290 341 | 022 | 27 | | | 483 | 17 | | | 021 | 11*** | | | 860 | 56*** | | | 03 | 1 |
| 235 | 2 390 530 | 039 | 21 | | | 495 | 15 | | | 027 | 08*** | | | 913 | 54*** | | | 03 | 1 |
| 246 | 2 440 650 | 059 | 13119 | 08 | 8 | 508 | 13092 | 35 | 4 | 040 | 08022 | 05 | 13 | 922 | 57990 | | | 03 | 9 |
| 360 | 3 660 020 | 132 | 08052 | 07 | 12 | 450 | 51526 | 08 | 6 | 987 | 55618 | 07 | 7 | 545 | 71781 | 29 | 12 | 03 | 5 |

## JULY 28

| Index No. iii | Station Name | 1000 mb. hhh | TTTTT ddx | dd | ff | 850 mb. hhh | TTTTT ddx | dd | ff | 700 mb. hhh | TTTTT ddx | dd | ff | 500 mb. hhh | TTTTT ddx | dd | ff | Hour GG | Code Type |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | BLOCK 01 | | | | | | | | | | | | | | | | | | |
| 001 | JAN MAYEN | 124 | 04026 | | | 440 | 01016 | | | 979 | 56614 | | | 517 | 73802 | | | 03 | 8 |
| 030 | TROMSO | 110 | 04039 | | | 410 | 51555 | | | 947 | 56643 | | | 488 | 74813 | | | 03 | 8 |
| 384 | GARDERMOEN | 038 | 99999 | | | 406 | 09083 | | | 971 | 51519 | | | 586 | 69694 | | | 03 | 8 |
| 415 | SOLA | 052 | 13125 | | | 430 | 07058 | | | 975 | 53587 | | | 551 | 68744 | | | 03 | 8 |
| | BLOCK 02 | | | | | | | | | | | | | | | | | | |
| 057 | LULEA KALLAS | 095 | 08051 | | | 400 | 52558 | | | 958 | 54601 | | | 522 | 70764 | | | 03 | 8 |
| 077 | STOCKHOLM | 088 | 14121 | 17 | 7 | 450 | 06053 | 20 | 8 | 008 | 52531 | 31 | 9 | 606 | 66703 | 28 | 32 | 03 | 5 |
| 084 | GOTEBORG | 060 | 15145 | | | 416 | 06046 | | | 990 | 50506 | | | 624 | 64990 | | | 03 | 8 |
| | BLOCK 03 | | | | | | | | | | | | | | | | | | |
| 005 | LERWICK | 008 | | | | 448 | 41410 | 26 | 18 | 960 | 26260 | 25 | 20 | 805 | 94810 | 25 | 18 | 02 | 2 |
| 026 | STORNOWAY | 017 | 55520 | | | 458 | 40380 | 25 | 28 | 969 | 25230 | 25 | 33 | 813 | 96800 | 27 | 30 | 02 | 2 |
| 476 | DOWNHAM MKT | 043 | 63570 | 30 | 21 | 491 | 47420 | 28 | 24 | 016 | 40020 | 26 | 45 | 889 | 13710 | 26 | 62 | 02 | 2 |
| 743 | LARKHILL | 051 | 60570 | | | 497 | 53200 | 28 | 30 | 022 | 40090 | 26 | 38 | 901 | 16660 | 26 | 50 | 02 | 2 |
| 808 | CAMBORNE | 062 | 61570 | 28 | 24 | 507 | 51350 | 30 | 37 | 034 | 44900 | 27 | 45 | 915 | 15730 | 26 | 44 | 02 | 2 |
| 917 | ALDERGROVE | 042 | | | | 490 | 40400 | 27 | 34 | 994 | 24240 | 27 | 34 | 846 | 00850 | 27 | 60 | 02 | 2 |
| 953 | VALENTIA | 058 | 58 0 | 26 | 19 | 500 | 40 0 | | | 021 | 36**0 | | | 892 | 12**0 | | | 03 | 2 |
| | BLOCK 04 | | | | | | | | | | | | | | | | | | |
| 018 | KEFLAVIK | 503 | | | | 438 | 05023 | 01 | 10 | 950 | 53554 | 05 | 2 | 794 | 71741 | 06 | 21 | 03 | 1 |
| 202 | THULE | 037 | 09051 | 00 | | 475 | 03511 | 20 | 12 | 982 | 57583 | 19 | 19 | 814 | 73783 | 18 | 14 | 03 | 1 |
| 231 | SDR STROMFRD | 030 | 70100 | 03 | 8 | 472 | 05613 | 01 | 5 | 982 | 56647 | 02 | 10 | 722 | 70900 | 02 | 10 | 09 | 1 |
| 270 | NARSSARSSUAK | 046 | 03018 | 00 | | 479 | 02531 | 00 | | 986 | 57647 | 00 | | 819 | 74837 | 24 | 4 | 09 | 1 |
| | BLOCK 06 | | | | | | | | | | | | | | | | | | |
| 180 | KOBENHAVN | 083 | 17160 | 21 | 13 | 451 | 10100 | 24 | 20 | 038 | 00009 | 25 | 28 | 668 | 64999 | | | 03 | 5 |
| 260 | DE BILT | 120 | 18178 | | | 500 | 11075 | | | 101 | 04531 | | | 762 | 63743 | | | 03 | 8 |
| 447 | UCCLE | 141 | 19182 | | | 521 | 12115 | | | 122 | 08533 | | | 799 | 59786 | | | 03 | 8 |
| 610 | PAYERNE | 170 | | | | 550 | 17062 | 25 | 7 | 160 | 03522 | 28 | 12 | 820 | 59687 | 33 | 15 | 05 | 5 |
| | BLOCK 07 | | | | | | | | | | | | | | | | | | |
| 110 | BREST | 199 | 14112 | 34 | 8 | 560 | 13075 | 33 | 22 | 184 | 05564 | 27 | 30 | 858 | 53732 | 27 | 32 | 02 | 5 |
| 145 | TRAPPES | 170 | 19176 | | | 580 | 17176 | | | 237 | 15542 | | | 087 | 53752 | | | 02 | 8 |
| 190 | STRASBOURG | | | | | | | | | | | | | | | | | | |
| 480 | LYON | 157 | | | | 560 | 18070 | | | 190 | 05511 | | | 863 | 59688 | | | 02 | 8 |
| 510 | BORDEAUX | 203 | 17161 | 00 | | 590 | 15013 | 00 | | 202 | 06561 | 00 | | 877 | 58727 | 36 | 18 | 02 | 5 |
| 645 | NIMES | 160 | 21183 | | | 590 | 14089 | | | 172 | 02515 | | | 829 | 60656 | | | 02 | 8 |
| | BLOCK 08 | | | | | | | | | | | | | | | | | | |
| 521 | FUNCHAL | 152 | 21137 | | | 548 | 19577 | | | 194 | 11624 | | | 916 | 55735 | | | 14 | 8 |
| 536 | PORTELA | 162 | 31118 | | | 588 | 22015 | | | 242 | 09012 | | | 950 | 55991 | | | 14 | 8 |
| | BLOCK 10 | | | | | | | | | | | | | | | | | | |
| 034 | SCHLESWIG | 028 | 65630 | 22 | 12 | 483 | 54490 | 24 | 25 | 008 | 39260 | 26 | 38 | 878 | 11940 | 26 | 45 | 02 | 2 |
| 384 | TEMPELHOF | 117 | 18139 | 20 | 15 | 500 | 12104 | 25 | 21 | 097 | 01015 | 27 | 28 | 741 | 62741 | 27 | 30 | 03 | 5 |
| 419 | ISERLOHN | 450 | | | | 501 | 57500 | 24 | 24 | 031 | 44310 | 26 | 29 | 911 | 15950 | 28 | 36 | 02 | 2 |
| 633 | WIESBADEN | 177 | 19149 | 31 | 4 | 574 | 15101 | 26 | 22 | 187 | 05029 | 26 | 32 | 869 | 59997 | 28 | 36 | 03 | 5 |
| 672 | ERLANGEN | 153 | | | | 542 | 14031 | | | *** | ***** | | | 801 | 60726 | | | 03 | 8 |
| 866 | MUNCHEN RIEM | 164 | 99999 | 99 | 99 | 554 | 16063 | 28 | 11 | 169 | 03579 | 30 | 21 | 836 | 59761 | 32 | 21 | 03 | 5 |
| | BLOCK 11 | | | | | | | | | | | | | | | | | | |
| 030 | TULLN | 151 | | | | 537 | 12080 | 30 | 14 | 132 | 01542 | 36 | 18 | 775 | 63**6 | 32 | 24 | 03 | 5 |
| 567 | PRAHA KBELY | 144 | | | | 530 | 14097 | | | 140 | 04035 | | | 819 | 58640 | | | 05 | 5 |
| | BLOCK 16 | | | | | | | | | | | | | | | | | | |
| 596 | ORENDI | | | | | 503 | 61410 | | | 035 | 40340 | | | 918 | 20600 | | | 02 | 2 |
| | BLOCK 17 | | | | | | | | | | | | | | | | | | |
| 606 | NICOSIA | | | | | 405 | 71500 | | | 026 | 49340 | | | 927 | 33200 | | | 02 | 7 |
| | BLOCK 40 | | | | | | | | | | | | | | | | | | |
| 648 | HABBANIYA | 000 | | | | 488 | 85340 | | | 021 | 60190 | 01 | 5 | 917 | 30020 | 06 | 12 | 02 | 2 |
| | BLOCK 42 | | | | | | | | | | | | | | | | | | |
| 182 | NEW DELHI | 502 | | | | 143 | 2117 | | | 309 | 1205* | | | 584 | 51*** | | | 15 | 8 |
| 339 | JODHPUR | 501 | | | | 143 | 2020 | | | 309 | 1111* | | | 582 | 5454* | | | 15 | 8 |
| 475 | BAMRAULI AL | 502 | | | | 143 | 2318 | | | 309 | 1109* | | | 581 | 5757* | | | 15 | 8 |
| 867 | NAGPUR | 001 | | | | 143 | 1919 | | | 309 | 1210* | | | 583 | 52*** | | | 14 | 8 |
| 909 | VERAVAL | 000 | | | | 142 | 1918 | | | 307 | 1209* | | | 583 | 5163* | | | 14 | 8 |
| | BLOCK 43 | | | | | | | | | | | | | | | | | | |
| 063 | POONA | 002 | | | | 144 | 2017 | | | 309 | 1107* | | | 584 | 5362* | | | 14 | 8 |
| 279 | MADRAS | 002 | 2924 | | | 146 | 2216 | | | 313 | 1306* | | | 588 | 5267* | | | 14 | 8 |
| 371 | TRIVANDRUM | 006 | 2523 | | | 148 | 1815 | | | 313 | 1107* | | | 587 | 53*** | | | 15 | 8 |
| | BLOCK 45 | | | | | | | | | | | | | | | | | | |
| 007 | KAI TAK | 000 | 26250 | | | 143 | 20160 | | | 308 | 11060 | | | 581 | 52**0 | | | 22 | 8 |
| | BLOCK 47 | | | | | | | | | | | | | | | | | | |
| 401 | WAKKANAI | 045 | 17132 | | | 494 | 12052 | | | 021 | 06038 | | | 907 | 54565 | | | 05 | 1 |
| 412 | SAPPORO DCMO | 040 | 22192 | | | 496 | 15149 | | | 028 | 10606 | 39 | 92 | 759 | 11103 | | | 03 | 1 |
| 580 | MISAWA | 035 | 26202 | 09 | 8 | 503 | 21141 | 22 | 12 | 046 | 12087 | 20 | 22 | 967 | 52614 | 23 | 28 | 03 | 1 |
| 590 | SENDAI DCMO | 050 | 25212 | | | 509 | 18122 | | | 047 | 11041 | | | 942 | 52608 | | | 03 | 1 |
| 600 | WAJIMA | 030 | 27224 | | | 492 | 18118 | | | 030 | 11004 | | | 926 | 53646 | | | 03 | 1 |
| 635 | NAGOYA | 029 | 30239 | 00 | | 494 | 19136 | 01 | 18 | 032 | 10023 | 10 | 21 | 920 | 56633 | 11 | 3 | 03 | 1 |
| 671 | TOKYO | 036 | 28233 | 13 | 12 | 504 | 19167 | 14 | 13 | 046 | 11039 | 14 | 22 | 949 | 51687 | 14 | 33 | 03 | 1 |
| 744 | YONAGO | 023 | 29230 | | | 488 | 20132 | | | 028 | 10024 | | | 925 | 34665 | | | 03 | 1 |
| 778 | SHIONOMISAKI | 022 | 99999 | | | 481 | 17147 | | | 014 | 08042 | | | 898 | 57616 | | | 03 | 1 |
| 808 | ITAZUKE | 020 | 29191 | 17 | 15 | 485 | 19090 | 15 | 22 | 025 | 11998 | 17 | 20 | 922 | 53990 | 16 | 15 | 03 | 1 |
| 827 | KAGOSHIMA | 020 | 30192 | | | 481 | 15123 | | | 010 | 07521 | | | 890 | 59747 | | | 06 | 1 |
| 931 | KADENA OKINW | 101 | 59 | | | | | | | *** | ***** | | | *** | ***** | | | 03 | 1 |
| | BLOCK 60 | | | | | | | | | | | | | | | | | | |
| 390 | M BLANCHE | 160 | 20175 | 00 | | 550 | 14043 | 04 | 14 | 158 | 02549 | 05 | 14 | 813 | 60735 | 04 | 27 | 02 | 5 |
| | BLOCK 61 | | | | | | | | | | | | | | | | | | |
| 642 | DAKAR OUAKAM | 122 | 24231 | 27 | 8 | 530 | 17113 | 28 | 14 | *** | ***** | | | *** | ***** | | | 07 | 5 |
| | BLOCK 62 | | | | | | | | | | | | | | | | | | |
| 053 | BENINA | 035 | | | | 504 | 85370 | | | 050 | 5*190 | | | *** | ***** | | | 02 | 7 |
| | BLOCK 70 | | | | | | | | | | | | | | | | | | |
| 026 | BARROW | 022 | 11060 | 10 | 9 | 463 | 06542 | 24 | 10 | 977 | 53592 | 24 | 8 | 824 | 68755 | 27 | 24 | 03 | 1 |
| 133 | KOTZEBUE | 021 | 11084 | 28 | 15 | 466 | 07503 | 26 | 5 | 981 | 51595 | 13 | 4 | 837 | 58733 | 05 | 7 | 03 | 1 |
| 200 | NOME | 024 | 10076 | 25 | 14 | 467 | 05021 | 13 | 9 | 979 | 53575 | 04 | 6 | 825 | 70759 | 08 | 20 | 03 | 1 |
| 204 | GAMBELL | 028 | 04037 | | | 466 | 06526 | | | 982 | 52631 | | | 834 | 68769 | | | 03 | 1 |
| 219 | BETHEL | | | | | 472 | 02011 | | | 980 | 55579 | | | 822 | ***** | | | 03 | 1 |
| 231 | MCGRATH | 021 | | | | 469 | 06027 | 26 | 7 | 982 | 53574 | 23 | 4 | 826 | 70823 | | | 03 | 1 |
| 261 | FRBNKS WEEKS | 016 | | | | 466 | 07045 | 28 | 10 | 980 | 52539 | 30 | 3 | 828 | 69777 | 14 | 9 | 03 | 1 |
| 350 | KODIAK | 101 | 50 | | | | | | | *** | ***** | | | *** | ***** | | | 03 | 1 |
| 381 | JUNEAU | 043 | 10095 | | | 481 | 03024 | | | 992 | 51521 | | | 842 | 68767 | | | 03 | 1 |
| 398 | ANNETTE IS | 058 | 12062 | 15 | 9 | 498 | 05041 | 24 | 11 | 014 | 50519 | 30 | 30 | 873 | 66713 | 29 | 29 | 03 | 1 |
| 485 | FORT GLENN | 056 | 09084 | 24 | 2 | 494 | 07531 | 32 | 15 | 007 | 51669 | 29 | 15 | 862 | 67990 | 27 | 31 | 04 | 1 |
| | BLOCK 72 | | | | | | | | | | | | | | | | | | |
| 202 | MIAMI | 059 | 26226 | 00 | | 524 | 18101 | 03 | 8 | 059 | 07027 | 04 | 22 | 948 | 57991 | 07 | 21 | 03 | 1 |
| 208 | CHARLESTON | 056 | 27218 | 23 | 8 | 525 | 20068 | 25 | 8 | 064 | 08514 | 02 | 15 | 958 | 53999 | 06 | 18 | 03 | 1 |
| 211 | TAMPA | 058 | 26231 | 29 | 6 | 523 | 18126 | 24 | 3 | 061 | 09027 | 04 | 7 | 950 | 57994 | | | 03 | 1 |
| 219 | ATLANTA | 059 | | | | 527 | 20122 | 10 | 4 | 068 | 11602 | 15 | 11 | 962 | 54994 | | | 03 | 1 |
| 231 | NEW ORLEANS | 055 | 25222 | 25 | 4 | 517 | 15147 | 33 | 6 | 052 | 08054 | 19 | 10 | 942 | 56708 | 19 | 10 | 03 | 1 |
| 240 | LAKE CHARLES | 054 | 28252 | 15 | 6 | 520 | 17114 | 15 | 11 | 058 | 09547 | 17 | 12 | 946 | 57686 | 21 | 10 | 03 | 1 |
| 250 | BROWNSVILLE | 043 | 26249 | 14 | 13 | 508 | 19095 | 15 | 23 | 046 | 08038 | 17 | 7 | 935 | 56699 | 02 | 3 | 03 | 1 |
| 253 | SAN ANTONIO | 044 | | | | 508 | 18115 | 16 | 18 | 046 | 09609 | 19 | 13 | 935 | 57621 | 34 | 4 | 03 | 1 |
| 259 | FT WORTH | 038 | | | | 504 | 19075 | 18 | 15 | 042 | 10993 | 17 | 17 | 932 | 56675 | 15 | 5 | 03 | 1 |
| 265 | BIG SPRING | 032 | | | | 503 | 20151 | 18 | 25 | 043 | 10044 | 18 | 15 | 936 | 56664 | 10 | 2 | 03 | 1 |
| 270 | EL PASO | 007 | | | | 490 | 99999 | 15 | 13 | 040 | 13055 | 26 | 2 | *** | ***** | | | 03 | 1 |

# RADIOSONDE AND RAWINSONDE DATA—Continued

| Index No. iii | 300 mb. hhh | TTTTT ddx | dd | ff | 200 mb. hhh | TTTTT ddx | dd | ff | 100 mb. hhh | TTTTT ddx | dd | ff | Hour GG | Code Type |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 798 | 052 | 93993 | | | | | | | | | | | 03 | 1 |
| 807 | 101 | 50 | | | | | | | | | | | 02 | 1 |
| 815 | 077 | 84998 | 35 | 84 | | | | | | | | | 03 | 1 |
| 816 | 075 | 86995 | 33 | 70 | 963 | 04990 | | | 480 | 01991 | | | 03 | 1 |
| 826 | 101 | 84997 | | | | | | | | | | | 03 | 1 |
| 836 | 140 | 82987 | | | 042 | 00990 | | | 486 | 08994 | | | 03 | 1 |
| 867 | 060 | 86990 | | | 948 | 98990 | | | | | | | 03 | 1 |
| 879 | 013 | 96995 | 20 | 88 | 885 | 94997 | 23 | 19 | 393 | ***** | 23 | 18 | 03 | 1 |
| 896 | 022 | 96992 | 03 | 20 | 886 | 97996 | 31 | 25 | | | | | 03 | 1 |
| 906 | 101 | 50 | | | | | | | | | | | 09 | 1 |
| 907 | | | | | | | | | | | | | 03 | 1 |
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| 913 | 002 | 92990 | 32 | 10 | 896 | 92996 | 24 | 14 | | | | | 03 | 1 |
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| 917 | 960 | 98992 | 18 | 35 | 839 | 95991 | | | 364 | ***** | | | 03 | 1 |
| 918 | 958 | 98995 | | | 818 | 97998 | | | 226 | 95991 | | | 03 | 1 |
| 924 | 914 | 94994 | | | 816 | 91991 | | | 357 | ***** | | | 03 | 1 |
| 926 | 101 | 59 | | | | | | | | | | | 03 | 1 |
| 934 | 043 | 93995 | | | 903 | 01998 | | | | | | | 03 | 1 |
| 938 | 957 | 97996 | | | 848 | 90996 | | | 401 | 89997 | | | 03 | 1 |
| 945 | 069 | 90993 | | | 941 | 06999 | | | 443 | 95997 | | | 03 | 1 |
| 964 | 047 | 93994 | 30 | 47 | | | | | | | | | 03 | 1 |
| 968 | 003 | 94994 | | | 881 | 95990 | | | 413 | 90999 | | | 03 | 1 |
| 74 | | | | | | | | | | | | | | |
| 043 | | | | | | | | | | | | | 03 | 1 |
| 072 | 869 | 93992 | | | 783 | | | | | | | | 03 | 1 |
| 074 | 910 | 95990 | | | 816 | 88991 | | | 372 | 90996 | | | 03 | 1 |
| 090 | 975 | 00900 | 07 | 12 | 838 | 96998 | 36 | 7 | | | | | 03 | 1 |
| 109 | 075 | 90995 | | | | | | | | | | | 03 | 1 |
| 188 | 101 | 43 | | | | | | | | | | | 09 | 1 |
| 76 | | | | | | | | | | | | | | |
| 458 | 188 | 82861 | | | 084 | 04998 | | | 444 | ***** | | | 02 | 1 |
| 491 | 194 | 81994 | | | 091 | 04996 | | | | | | | 02 | 1 |
| 644 | 173 | 84941 | | | 060 | 06991 | | | 486 | ***** | | | 03 | 1 |
| 679 | 179 | 82994 | | | 003 | 04990 | | | | | | | 03 | 1 |
| 78 | | | | | | | | | | | | | | |
| 016 | | | | | | | | | | | | | | |
| 325 | | | | | | | | | | | | | | |
| 395 | 188 | 82990 | 09 | 26 | | | | | | | | | 03 | 1 |
| 501 | 183 | 84992 | | | 069 | 06997 | | | 433 | ***** | | | 03 | 1 |
| 525 | | | | | | | | | | | | | | |
| 741 | 101 | 55 | | | | | | | | | | | 03 | 1 |
| 806 | 146 | 85913 | 10 | 10 | 030 | 07993 | 04 | 20 | | | | | 03 | 1 |
| 967 | 182 | 83997 | | | | | | | | | | | 03 | 1 |
| 972 | 198 | 80851 | 12 | 10 | 103 | 00992 | 13 | 25 | | | | | 04 | 1 |
| 91 | | | | | | | | | | | | | | |
| 066 | 183 | 56997 | 15 | 8 | 068 | 06992 | 18 | 6 | 453 | 15990 | 07 | 16 | 03 | 1 |
| 182 | 165 | 86994 | 31 | 20 | 043 | 07993 | 27 | 39 | 451 | 15999 | 08 | 19 | 03 | 1 |
| 245 | 190 | 81993 | | | 086 | 04990 | | | 470 | 19994 | | | 03 | 1 |
| 98 | | | | | | | | | | | | | | |
| 327 | 101 | 59 | | | | | | | | | | | 03 | 1 |
| 645 | 174 | 81851 | | | 077 | 04991 | | | | | | | 03 | 8 |
| QLL | | OCEAN | STA | | | | | | | | | | | |
| 034 | 174 | 87941 | 29 | 10 | 057 | 04994 | 29 | 11 | 450 | 17999 | | | 03 | 9 |
| 035 | 148 | 86904 | 23 | 65 | 028 | 06999 | 22 | 42 | 426 | 15990 | | | 03 | 9 |
| 037 | 208 | 81990 | 33 | 13 | 108 | 03992 | 34 | 34 | | | | | 03 | 9 |
| 041 | 712 | 84991 | | | | | | | | | | | 02 | 5 |
| 044 | 104 | 90997 | | | 967 | 09993 | | | 430 | 07993 | | | 03 | 9 |
| 051 | 095 | 69570 | | | | | | | | | | | 02 | 2 |
| 053 | 026 | 96991 | 26 | 45 | 901 | 94991 | 26 | 41 | 409 | ***** | | | 03 | 9 |
| 055 | 997 | 97998 | 25 | 10 | 866 | 97990 | 27 | 8 | | | | | 03 | 9 |
| 062 | 986 | 49 0 | 22 | 33 | | | | | | | | | 02 | 2 |
| 063 | 980 | 88990 | 08 | 3 | | | | | | | | | 03 | 9 |
| 131 | 143 | 82994 | | | 048 | 97994 | | | | | | | 03 | 9 |
| 134 | 157 | 87997 | 26 | 36 | 033 | 08996 | | | 431 | 15994 | | | 03 | 9 |
| 144 | 131 | 92996 | | | 008 | 01996 | | | | | | | 03 | 9 |
| 223 | 116 | 78 | | | 020 | 03 | | | | | | | 03 | 1 |
| 235 | 179 | 76 | | | | | | | | | | | 03 | 1 |
| 246 | 141 | 87992 | | | 022 | 12990 | | | 656 | 07990 | | | 03 | 9 |
| 360 | 909 | 98996 | 30 | 27 | | | | | | | | | 03 | 5 |
| 01 | | | | | | | | | | | | | | |
| 001 | 904 | 00998 | | | 171 | 9 992 | | | | | | | 03 | 8 |
| 030 | 901 | 01 0 | | | 151 | 98 7 | | | 619 | 96**7 | | | 03 | 8 |
| 384 | 926 | 91943 | | | 195 | 94993 | | | 660 | 95997 | | | 03 | 8 |
| 415 | 913 | 99992 | | | 181 | 96992 | | | 639 | 99990 | | | 03 | 8 |
| 02 | | | | | | | | | | | | | | |
| 057 | 909 | 98999 | | | 176 | 93999 | | | | | | | 03 | 8 |
| 077 | 925 | 93974 | 29 | 39 | | | | | | | | | 03 | 5 |
| 084 | 930 | 91994 | | | | | | | | | | | 03 | 8 |
| 03 | | | | | | | | | | | | | | |
| 005 | 977 | 49 0 | 26 | 43 | | | | | | | | | 02 | 2 |
| 026 | | | | | 881 | 57 0 | 25 | 36 | | | | | 02 | 2 |
| 476 | 104 | 60430 | 26 | 89 | | | | | | | | | 02 | 2 |
| 743 | 180 | 63410 | 27 | 81 | 002 | 35 0 | 27 | 86 | 434 | 27**0 | 24 | 25 | 02 | 2 |
| 808 | 137 | 65420 | 26 | 80 | 016 | 33 0 | 28 | 85 | | | | | 02 | 2 |
| 917 | 038 | 56 0 | 27 | 96 | | | | | | | | | 02 | 2 |
| 953 | 106 | 62 0 | | | 987 | 34 0 | | | 447 | 36**0 | | | 03 | 2 |
| 04 | | | | | | | | | | | | | | |
| 018 | 965 | 98994 | | | 842 | | | | | | | | 03 | 1 |
| 202 | 985 | 97992 | 16 | 26 | | | | | | | | | 03 | 1 |
| 231 | 101 | 58 | | | | | | | | | | | 09 | 1 |
| 270 | 933 | 01990 | 17 | 4 | | | | | | | | | 09 | 1 |
| 06 | | | | | | | | | | | | | | |
| 180 | 931 | 93999 | | | | | | | | | | | 03 | 5 |
| 260 | 947 | 89 | | | 213 | 10 | | | | | | | 03 | 8 |
| 447 | 575 | 82908 | | | 308 | 02 7 | | | 681 | 09**5 | | | 03 | 8 |
| 610 | 565 | 87982 | 32 | 25 | 070 | 03 4 | 35 | 30 | | | | | 05 | 5 |
| 07 | | | | | | | | | | | | | | |
| 110 | 962 | 86981 | 28 | 57 | | | | | | | | | 02 | 5 |
| 145 | 994 | 79012 | | | 273 | 95 0 | | | 726 | 01**7 | | | 02 | 8 |
| 190 | 101 | 43 | | | | | | | | | | | 02 | 8 |
| 480 | 962 | 85965 | | | 230 | 07 4 | | | 663 | 09**4 | | | 02 | 8 |
| 510 | 964 | 86981 | 35 | 18 | | | | | | | | | 02 | 5 |
| 645 | 962 | 81875 | | | 236 | 98 0 | | | | | | | 02 | 8 |
| 08 | | | | | | | | | | | | | | |
| 521 | 969 | 8798 | | | 239 | 04993 | | | 666 | 18990 | | | 14 | 8 |
| 536 | 975 | 85990 | | | 244 | 06997 | | | 662 | 13991 | | | 14 | 8 |
| 10 | | | | | | | | | | | | | | |
| 034 | 097 | 65480 | 27 | 74 | 979 | 37 0 | 28 | 76 | | | | | 02 | 2 |
| 384 | 946 | 88973 | 29 | 61 | 213 | 04999 | | | 654 | 06991 | | | 03 | 5 |
| 419 | 140 | 67500 | 28 | 50 | | | | | | | | | 02 | 2 |
| 633 | 963 | 85992 | | | 235 | 01994 | | | 675 | 05996 | | | 03 | 5 |
| 672 | 957 | 85990 | | | 227 | 04990 | | | 666 | 07996 | | | 03 | 8 |
| 866 | 961 | 83998 | 33 | 32 | 234 | 01992 | 33 | 29 | | | | | 03 | 5 |
| 11 | | | | | | | | | | | | | | |
| 030 | 950 | 87920 | 34 | 45 | 218 | 04 5 | 36 | 70 | | | | | 03 | 5 |
| 567 | 962 | 81996 | | | 238 | 99994 | | | 680 | 08997 | | | 05 | 5 |
| 16 | | | | | | | | | | | | | | |
| 596 | 155 | 61430 | | | | | | | | | | | 02 | 2 |
| 17 | | | | | | | | | | | | | | |
| 606 | 208 | 87770 | | | 133 | 49 0 | | | | | | | 02 | 7 |
| 40 | | | | | | | | | | | | | | |
| 648 | 190 | 86440 | 35 | 11 | 111 | 47 0 | | | 522 | 03**0 | | | 02 | 2 |
| 42 | | | | | | | | | | | | | | |
| 182 | 968 | 84 | | | | | | | | | | | 15 | 8 |
| 339 | 967 | 79 | | | 244 | 02 | | | | | | | 15 | 8 |
| 475 | 101 | 43 | | | | | | | | | | | 15 | 8 |
| 867 | 101 | 43 | | | | | | | | | | | 14 | 8 |
| 909 | 969 | 80 | | | 246 | 99 | | | | | | | 14 | 8 |
| 43 | | | | | | | | | | | | | | |
| 063 | 969 | 79 | | | | | | | | | | | 14 | 8 |
| 279 | 974 | 79 | | | 252 | 97 | | | | | | | 14 | 8 |
| 371 | 973 | 76 | | | | | | | | | | | 15 | 8 |
| 45 | | | | | | | | | | | | | | |
| 007 | 101 | 50 | | | | | | | | | | | 22 | 8 |
| 47 | | | | | | | | | | | | | | |
| 401 | 183 | 74807 | | | 121 | 91997 | | | 606 | 01992 | | | 05 | 1 |
| 412 | 101 | 43 | | | | | | | | | | | 03 | 1 |
| 580 | 227 | 74804 | 25 | 30 | 156 | 84990 | 26 | 34 | 600 | 06997 | 26 | 43 | 03 | 1 |
| 590 | 222 | 73805 | | | 167 | 91992 | | | 639 | 04998 | | | 03 | 1 |
| 600 | 202 | 73857 | | | 137 | 92994 | | | 594 | 13993 | | | 03 | 1 |
| 635 | 172 | 85996 | 10 | 22 | 056 | 04998 | 18 | 11 | 438 | 20991 | | | 03 | 1 |
| 671 | 229 | 75990 | 13 | 22 | 164 | 93990 | 13 | 33 | | | | | 03 | 1 |
| 744 | 172 | 75872 | | | 102 | 94997 | | | 462 | 08995 | | | 03 | 1 |
| 778 | 150 | 78852 | | | 085 | 89990 | | | | | | | 03 | 1 |
| 808 | 195 | 75993 | 16 | 9 | 118 | 97994 | 16 | 7 | | | | | 03 | 1 |
| 827 | 137 | 80939 | | | 040 | 98999 | | | | | | | 06 | 1 |
| 931 | 101 | 59 | | | | | | | | | | | 03 | 1 |
| 60 | | | | | | | | | | | | | | |
| 390 | 955 | 85008 | 04 | 18 | 228 | 99114 | | | 668 | 11117 | | | 02 | 5 |
| 61 | | | | | | | | | | | | | | |
| 642 | | | | | | | | | | | | | 07 | 5 |
| 62 | | | | | | | | | | | | | | |
| 053 | 193 | 78450 | | | | | | | 479 | 8**** | | | 02 | 7 |
| 70 | | | | | | | | | | | | | | |
| 026 | 016 | 92992 | 30 | 34 | 889 | | | | | | | | 03 | 1 |
| 133 | 022 | 94998 | 04 | 14 | 888 | 02997 | 05 | 28 | 386 | ***** | | | 03 | 1 |
| 200 | 995 | 96996 | 06 | 48 | 860 | 98990 | 06 | 22 | | | | | 03 | 1 |
| 204 | 016 | 94992 | | | 880 | 00990 | | | | | | | 03 | 1 |
| 219 | 986 | 98999 | | | 874 | 91997 | | | 406 | ***** | | | 03 | 1 |
| 231 | 999 | 98992 | | | 862 | 96990 | | | | | | | 03 | 1 |
| 261 | 006 | 97996 | 20 | 7 | 864 | 00996 | 25 | 5 | 366 | 96996 | 28 | 6 | 03 | 1 |
| 350 | 101 | 50 | | | | | | | | | | | 03 | 1 |
| 381 | 027 | 94991 | | | 899 | 79999 | | | 391 | 00992 | | | 03 | 1 |
| 398 | 068 | 94995 | 28 | 35 | 936 | 00990 | 28 | 96 | | | | | 03 | 1 |
| 485 | 078 | | 26 | 53 | 938 | 94997 | 26 | 93 | 467 | 92997 | | | 04 | 1 |
| 72 | | | | | | | | | | | | | | |
| 202 | 188 | 84991 | 08 | 46 | | | | | | | | | 03 | 1 |
| 208 | 211 | 81999 | 07 | 11 | 112 | 02999 | 08 | 7 | 488 | 21997 | 10 | 25 | 03 | 1 |
| 211 | 196 | 81993 | | | 090 | 04998 | | | | | | | 03 | 1 |
| 219 | 218 | 80997 | | | 117 | 03992 | | | 496 | 23990 | | | 03 | 1 |
| 231 | 191 | 82995 | 15 | 15 | 086 | 03997 | 11 | 23 | 468 | ***** | | | 03 | 1 |
| 240 | 189 | 83994 | | | 079 | 04995 | | | 453 | 19998 | | | 03 | 1 |
| 250 | 180 | 82909 | 05 | 7 | 069 | 07990 | 36 | 19 | 455 | ***** | | | 03 | 1 |
| 253 | 178 | 83989 | 02 | 6 | 068 | 04990 | 02 | 18 | | | | | 03 | 1 |
| 259 | 182 | 81923 | 02 | 21 | 084 | 01990 | 05 | 17 | | | | | 03 | 1 |
| 265 | 189 | 81995 | 28 | 3 | 088 | 03991 | 33 | 10 | 464 | 22996 | 18 | 13 | 03 | 1 |
| 270 | 101 | 50 | | | | | | | | | | | 03 | 1 |

# RADIOSONDE AND RAWINSONDE DATA

## SIGNIFICANT LEVELS

| Index No. iii | Ist. 5th. etc. Level PPP | TTTTT ddx | 2nd. 6th. etc. Level PPP | TTTTT ddx | 3rd. 7th. etc. Level PPP | TTTTT ddx | 4th. 8th. etc. Level PPP | TTTTT ddx | Hour GG | Code Type |
|---|---|---|---|---|---|---|---|---|---|---|
| 798 | 013 | 12105 | 792 | 01519 | 657 | 53545 | 628 | 54657 | 03 | 1 |
| 807 | 020 | 12102 | 930 | 07057 | 792 | 03577 | 648 | 55594 | 02 | 1 |
| 815 | 014 | 15112 | 800 | 05035 | 645 | 55733 | 565 | 61692 | 03 | 1 |
| 816 | 005 | 16112 | 976 | 19062 | 792 | 05505 | 674 | 52701 | 03 | 1 |
| 826 | 939 | 15157 | 648 | 03034 | 628 | 02645 | 400 | 67995 | 03 | 1 |
| 836 | 001 | 22166 | 966 | 27168 | 920 | 25103 | 781 | 12017 | 03 | 1 |
| 867 | 970 | 15116 | 790 | 06526 | 752 | 03551 | 646 | 51623 | 03 | 1 |
| 879 | 930 | 15111 | 756 | 01001 | 658 | 55553 | 576 | 62634 | 03 | 1 |
| 896 | 934 | 12103 | 868 | 07049 | 765 | 00505 | 600 | 58617 | 03 | 1 |
| 906 | 998 | 12078 | 894 | 11043 | 680 | 54573 | 578 | 60612 | 09 | 1 |
| 907 | 997 | 14012 | 925 | 11075 | 794 | 02006 | 775 | 02017 | 03 | 1 |
| 909 | 000 | 70023 | 960 | 05002 | 912 | 07031 | 770 | 50518 | 09 | 1 |
| 913 | 994 | 03039 | 962 | 01501 | 936 | 01006 | 900 | 08072 | 03 | 1 |
| 915 | 002 | 07047 | 936 | 06032 | 910 | 06029 | 865 | 04512 | 03 | 1 |
| 917 | 008 | 08016 | 987 | 12022 | 689 | 60645 | 677 | 59645 | 03 | 1 |
| 918 | | 08027 | 973 | 08014 | 768 | 60558 | 757 | 53561 | 03 | 1 |
| 924 | 004 | 02019 | 978 | 00515 | 972 | 03017 | 753 | 59633 | 03 | 1 |
| 926 | | | | | | | | | | |
| 934 | 983 | 21106 | 538 | 62774 | 400 | 79992 | 216 | 09995 | 03 | 1 |
| 938 | 001 | 10043 | 812 | 54568 | 753 | 55589 | 612 | 63674 | 03 | 1 |
| 945 | 967 | 17122 | 938 | 17111 | 742 | 02503 | 677 | 50545 | 03 | 1 |
| 964 | 929 | 18079 | 735 | 02006 | 615 | 57633 | 548 | 61711 | 03 | 1 |
| 968 | 014 | 11032 | 922 | 02546 | 903 | 02545 | 870 | 50584 | 03 | 1 |
| 74 | | | | | | | | | | |
| 043 | 006 | 13027 | 876 | 02530 | 770 | 53594 | 755 | 53701 | 03 | 1 |
| 072 | 995 | 04025 | 630 | | | | | | 03 | 1 |
| 074 | 001 | 04039 | 609 | 66696 | 439 | 88931 | 331 | 98991 | 03 | 1 |
| 090 | 010 | 07518 | 960 | 10535 | 780 | 51572 | 689 | 58651 | 03 | 1 |
| 109 | 014 | 13092 | 890 | 05025 | 872 | 05025 | 811 | 03517 | 03 | 1 |
| 188 | 004 | 12133 | 974 | 12113 | 947 | 15143 | 537 | 55566 | 09 | 1 |
| 76 | | | | | | | | | | |
| 458 | 012 | 28222 | 920 | 01184 | 888 | 22126 | 762 | 14091 | 02 | 1 |
| 491 | 971 | 31170 | 907 | 28121 | 787 | 17049 | 757 | 16001 | 02 | 1 |
| 644 | 011 | 25203 | 928 | 23173 | 761 | 13044 | 734 | 10049 | 03 | 1 |
| 679 | 794 | 15119 | 759 | 17055 | 594 | 01521 | 554 | 52563 | 03 | 1 |
| 78 | | | | | | | | | | |
| 016 | 014 | 26245 | 960 | 19180 | 926 | 18164 | 711 | 03563 | 03 | 1 |
| 325 | 013 | 26232 | 890 | 20184 | 832 | 17077 | 805 | 15079 | 03 | 1 |
| 395 | 012 | 26235 | 957 | 26234 | 745 | 12584 | 640 | 03657 | 03 | 1 |
| 501 | 015 | 27235 | 974 | 24227 | 888 | 19156 | 836 | 19014 | 03 | 1 |
| 525 | 016 | 27220 | 904 | 18162 | 876 | 15121 | 870 | 17126 | 03 | 1 |
| 741 | 005 | 24209 | 900 | 23186 | 815 | 20135 | 692 | 10501 | 03 | 1 |
| 806 | 010 | 25222 | 807 | 14105 | 738 | 11005 | 612 | 01551 | 03 | 1 |
| 967 | 015 | 24214 | 661 | 07538 | 612 | 03525 | 400 | 67753 | 03 | 1 |
| 972 | 010 | 22227 | 795 | 15041 | 751 | 12053 | 600 | 02514 | 04 | 1 |
| 91 | | | | | | | | | | |
| 066 | 020 | 12272 | 966 | 21193 | 887 | 18134 | 858 | 16115 | 03 | 1 |
| 182 | 015 | 28186 | 884 | 16123 | 835 | 13063 | 827 | 14036 | 03 | 1 |
| 245 | 012 | 31241 | 764 | 12103 | 752 | 13106 | 637 | 06525 | 03 | 1 |
| 98 | | | | | | | | | | |
| 327 | | | | | | | | | | |
| 645 | 004 | 29244 | 963 | 25216 | 852 | 18124 | 772 | 12096 | 03 | 8 |
| QLL | | OCEAN | STA | | | | | | | |
| 034 | 024 | 25222 | 817 | 13098 | 800 | 13053 | 791 | 11078 | 03 | 9 |
| 035 | 016 | 25234 | 518 | 59628 | 508 | 59632 | 482 | 62715 | 03 | 9 |
| 037 | 016 | 25201 | 926 | 18155 | 920 | 20141 | 733 | 14591 | 03 | 9 |
| 041 | 280 | 20192 | 939 | 16146 | 990 | 12103 | 820 | 13089 | 02 | 5 |
| 044 | 026 | 11081 | 922 | 05031 | 876 | 08505 | 765 | 04561 | 03 | 9 |
| 051 | 014 | 60540 | 857 | 41410. | 820 | 50240 | 615 | 27010 | 02 | 2 |
| 053 | 014 | 10098 | 717 | 53559 | 597 | 60644 | 439 | 74893 | 03 | 9 |
| 055 | 016 | 07053 | 989 | 05032 | 948 | 08021 | 655 | 61635 | 03 | 9 |
| 062 | 001 | 54530 | | | | | | | 02 | 2 |
| 063 | 002 | 09091 | 400 | 81856 | 346 | 90952 | 280 | 01998 | 03 | 9 |
| 131 | 011 | 16145 | 936 | 09084 | 910 | 18993 | 632 | 05991 | 03 | 9 |
| 134 | 024 | 19189 | 862 | 10098 | 818 | 12066 | 788 | 11031 | 03 | 9 |
| 144 | 033 | 13137 | 022 | 15124 | 902 | 10097 | 886 | 13073 | 03 | 9 |
| 223 | 008 | 27 | 921 | 20 | 840 | 16*** | 803 | 17*** | 03 | 1 |
| 235 | 014 | 22 | 717 | 10 | 597 | 01*** | 389 | 65*** | 03 | 1 |
| 246 | 021 | 13139 | 920 | 13117 | 750 | 11064 | 590 | 50561 | 03 | 9 |
| 360 | 016 | 09066 | 932 | 02014 | 829 | 52549 | 800 | 51542 | 03 | 5 |
| 01 | | | | | | | | | | |
| 001 | 015 | 05031 | 990 | 50505 | 885 | 02012 | 811 | 00567 | 03 | 8 |
| 030 | 012 | 05045 | 882 | 54554 | 840 | 50555 | 758 | 52617 | 03 | 8 |
| 384 | 981 | 14133 | 930 | 13135 | 921 | 12125 | 880 | 11111 | 03 | 5 |
| 415 | 003 | 13125 | 959 | 12114 | 887 | 07078 | 802 | 05005 | 03 | 8 |
| 02 | | | | | | | | | | |
| 057 | 011 | 08052 | 983 | 08042 | 841 | 53564 | 823 | 00523 | 03 | 8 |
| 077 | 008 | 14121 | 718 | 53530 | 708 | 52531 | 478 | 68723 | 03 | 5 |
| 084 | 007 | 16143 | 948 | 11103 | 813 | 04024 | 770 | 03021 | 03 | 8 |
| 03 | | | | | | | | | | |
| 005 | 993 | 53530 | | | | | | | 02 | 2 |
| 026 | 004 | 56530 | | | | | | | 02 | 2 |
| 476 | 011 | 62590 | | | | | | | 02 | 2 |
| 743 | 003 | 60570 | 888 | 48380 | 868 | 52480 | 636 | 41050 | 02 | 2 |
| 808 | 012 | 60560 | | | | | | | 02 | 2 |
| 917 | | | | | | | | | | |
| 953 | 020 | 60 0 | 854 | 40 0 | 806 | 46**0 | 763 | 40**0 | 03 | 2 |
| 04 | | | | | | | | | | |
| 018 | 993 | 10093 | 920 | 09061 | 400 | 82871 | 350 | 90990 | 03 | 1 |
| 202 | 009 | 08058 | 989 | 10045 | 400 | 82927 | 345 | 89958 | 03 | 1 |
| 231 | 090 | 07017 | 872 | 56005 | 740 | 53635 | 600 | 62784 | 09 | 1 |
| 270 | 016 | 05027 | 988 | 92010 | 938 | 04016 | 895 | 0*014 | 09 | 1 |
| 06 | | | | | | | | | | |
| 180 | 010 | 17162 | 950 | 13131 | 881 | 12120 | 686 | 50993 | 03 | 5 |
| 260 | 014 | 19187 | 989 | 18171 | 976 | 18147 | 755 | 05019 | 03 | 8 |
| 447 | 005 | 19187 | 938 | 16156 | 908 | 16155 | 776 | 07050 | 03 | 8 |
| 610 | 963 | 14137 | 937 | 18107 | 897 | 19082 | 782 | 10066 | 05 | 5 |
| 07 | | | | | | | | | | |
| 110 | 101 | 13125 | 994 | 14111 | 950 | 12109 | 919 | 11094 | 02 | 5 |
| 145 | 000 | 19174 | 995 | 23222 | 932 | 20192 | 897 | 19194 | 02 | 8 |
| 190 | | | | | | | | | | |
| 480 | 996 | 22130 | 972 | 24155 | 904 | 21118 | 835 | 17060 | 02 | 8 |
| 510 | 018 | 18181 | 965 | 15141 | 920 | 16088 | 820 | 14014 | 02 | 5 |
| 645 | 012 | 20185 | 980 | 21191 | 950 | 23194 | 926 | 23186 | 02 | 8 |
| 08 | | | | | | | | | | |
| 521 | 011 | 25187 | 922 | 16136 | 874 | 16106 | 855 | 20532 | 14 | 8 |
| 536 | 009 | 33112 | 970 | 27093 | 614 | 00536 | 566 | 50679 | 14 | 8 |
| 10 | | | | | | | | | | |
| 034 | 008 | 64630 | 950 | 66485 | 910 | 47215 | | | 02 | 2 |
| 384 | 008 | 18141 | 983 | 19124 | 625 | 54545 | 587 | 54633 | 03 | 5 |
| 419 | 986 | 66600 | | | | | | | 02 | 2 |
| 633 | 005 | 19148 | 966 | 21168 | 890 | 18103 | 815 | 12092 | 03 | 5 |
| 672 | 985 | 13101 | 950 | 12073 | 700 | 00567 | 630 | 50621 | 03 | 8 |
| 866 | 958 | 14111 | 924 | 20074 | 862 | 16077 | 670 | 00607 | 03 | 5 |
| 11 | | | | | | | | | | |
| 030 | 998 | 16141 | 982 | 18170 | 958 | 19146 | 710 | 01522 | 03 | 5 |
| 567 | 984 | 16141 | 900 | 18134 | 763 | 07055 | 614 | 52542 | 05 | 5 |
| 16 | | | | | | | | | | |
| 596 | 000 | 72700 | | | | | | | 02 | 2 |
| 17 | | | | | | | | | | |
| 606 | 981 | 75520 | 967 | 82590 | 710 | 49330 | 668 | 51350 | 02 | 7 |
| 40 | | | | | | | | | | |
| 648 | 995 | 82390 | 972 | 86390 | 943 | 96440 | 772 | 82290 | 02 | 2 |
| 42 | | | | | | | | | | |
| 182 | 974 | 3026 | 961 | 3123 | 889 | 2320* | 470 | 5550* | 15 | 8 |
| 339 | 975 | 2820 | 778 | 1515 | 718 | 1312* | 653 | 0707* | 15 | 8 |
| 475 | 987 | 3127 | 974 | 3125 | 577 | 5151* | 485 | 5959* | 15 | 8 |
| 867 | 967 | 2523 | 350 | 67 | | | | | 14 | 8 |
| 909 | 999 | 2725 | 943 | 2322 | 909 | 2220* | 750 | 1313* | 14 | 8 |
| 43 | | | | | | | | | | |
| 063 | 941 | 2422 | 748 | 1312 | 663 | 1050* | 427 | 60*** | 14 | 8 |
| 279 | 001 | 3024 | 980 | 2822 | 634 | 0802* | 200 | 97*** | 14 | 8 |
| 371 | 000 | 2523 | 540 | 5054 | 280 | 82*** | | | 15 | 8 |
| 45 | | | | | | | | | | |
| 007 | 000 | 26250 | 950 | 24240 | 900 | 23190 | 800 | 17120 | 22 | 8 |
| 47 | | | | | | | | | | |
| 401 | 016 | 17124 | 969 | 15140 | 938 | 15074 | 384 | 62661 | 05 | 1 |
| 412 | 012 | 22198 | 941 | 19172 | 897 | 17161 | 759 | 11103 | 03 | 1 |
| 580 | 008 | 27204 | 983 | 24206 | 950 | 25992 | | | 03 | 1 |
| 590 | 013 | 26222 | 950 | 21174 | 600 | 04535 | 400 | 61691 | 03 | 1 |
| 600 | 892 | 28235 | 959 | 23167 | 744 | 13022 | 656 | 09521 | 03 | 1 |
| 635 | 008 | 31235 | 924 | 23169 | 728 | 12038 | 594 | 01551 | 03 | 1 |
| 671 | 012 | 29242 | 897 | 21184 | 880 | 21184 | 785 | 16124 | 03 | 1 |
| 744 | 007 | 30242 | 933 | 25181 | 800 | 17095 | 645 | 07546 | 03 | 1 |
| 778 | 999 | 26236 | 939 | 21183 | 784 | 13103 | 605 | 01542 | 03 | 1 |
| 808 | 006 | 29198 | 896 | 20177 | 778 | 16612 | 739 | 14521 | 03 | 1 |
| 827 | 007 | 30228 | 907 | 17101 | 799. | 13096 | 779 | 09067 | 06 | 1 |
| 931 | | | | | | | | | | |
| 60 | | | | | | | | | | |
| 390 | 016 | 19165 | 002 | 20171 | 981 | 20171 | 955 | 19145 | 02 | 5 |
| 61 | | | | | | | | | | |
| 642 | 010 | 25232 | 964 | 20183 | 873 | 19123 | 777 | 12072 | 07 | 5 |
| 62 | | | | | | | | | | |
| 053 | 997 | 79430 | 510 | 16930 | 470 | 16980 | 388 | 04590 | 02 | 7 |
| 70 | | | | | | | | | | |
| 026 | 007 | 11065 | 955 | 07017 | 922 | 09522 | 877 | 07546 | 03 | 1 |
| 133 | 007 | 12108 | 952 | 12059 | 796 | 03517 | 568 | 60784 | 03 | 1 |
| 200 | 008 | 09076 | 987 | 12073 | 947 | 10037 | 737 | 52542 | 03 | 1 |
| 204 | 009 | 06042 | 978 | 07065 | 912 | 08055 | 887 | 07032 | 03 | 1 |
| 219 | 010 | 15100 | 770 | 52523 | 659 | 58611 | 567 | 64722 | 03 | 1 |
| 231 | 996 | 19101 | 781 | 01506 | 630 | 58635 | 593 | 61708 | 03 | 1 |
| 261 | 990 | 19103 | 710 | 52523 | 400 | 81852 | 341 | 90963 | 03 | 1 |
| 350 | | | | | | | | | | |
| 381 | 015 | 11100 | 638 | 56581 | | | 613 | 58603 | 03 | 1 |
| 398 | 017 | 13085 | 795 | 05033 | 522 | 64661 | 478 | 68783 | 03 | 1 |
| 485 | 018 | 10032 | 907 | 04049 | 857 | 07034 | 732 | 52562 | 04 | 1 |
| 72 | | | | | | | | | | |
| 202 | 020 | 26834 | 012 | 27833 | 630 | 03597 | 619 | 01671 | 03 | 1 |
| 208 | 018 | 26232 | 990 | 28194 | 905 | 23157 | 740 | 11064 | 03 | 1 |
| 211 | 019 | 27241 | 797 | 14107 | 742 | 12024 | 618 | 03531 | 03 | 1 |
| 219 | 986 | 26217 | 971 | 29194 | 818 | 16107 | 770 | 13068 | 03 | 1 |
| 231 | 019 | 26832 | 652 | 04018 | 623 | 04594 | 585 | 01566 | 03 | 1 |
| 240 | 018 | 26256 | 770 | 14014 | 658 | 06543 | 611 | 03666 | 03 | 1 |
| 250 | 014 | 27257 | 940 | 23221 | 876 | 21041 | 604 | 02654 | 03 | 1 |
| 253 | 988 | 26816 | 890 | 19165 | 737 | 11502 | 630 | 04619 | 03 | 1 |
| 259 | 993 | 27184 | 938 | 24171 | | | | | 03 | 1 |
| 265 | 927 | 26175 | 794 | 16113 | 625 | 04578 | 525 | 54595 | 03 | 1 |
| 270 | 879 | 30151 | 805 | 23110 | 666 | 09037 | 580 | 02564 | 03 | 1 |

# RADIOSONDE AND RAWINSONDE DATA

## SIGNIFICANT LEVELS

| Index No. iii | Ist. 5th. etc. Level PPP | TTTTT ddx | 2nd. 6th. etc. Level PPP | TTTTT ddx | 3rd. 7th. etc. Level PPP | TTTTT ddx | 4th. 8th. etc. Level PPP | TTTTT ddx | Hour GG | Code Type |
|---|---|---|---|---|---|---|---|---|---|---|
| 798 | 564 | 59777 | 540 | 62680 | 434 | 73792 | 400 | 76896 | 03 | 1 |
| 807 | 550 | 63631 | 468 | 71735 | 412 | 69690 | | | 02 | 1 |
| 815 | 466 | 68827 | 432 | 68994 | 400 | 71993 | 267 | 90990 | 03 | 1 |
| 816 | 640 | 54668 | 548 | 60794 | 450 | 69991 | 430 | 69991 | 03 | 1 |
| 826 | 228 | 96990 | | | | | | | 03 | 1 |
| 836 | 726 | 10572 | 668 | 05647 | 618 | 02681 | 586 | 01711 | 03 | 1 |
| 867 | 400 | 73813 | 834 | 98999 | 178 | 97990 | 149 | 00991 | 03 | 1 |
| 879 | 532 | 65690 | 445 | 74768 | 400 | 80878 | 244 | 04994 | 03 | 1 |
| 896 | 400 | 81866 | 340 | 90972 | 247 | 04997 | 194 | 96999 | 03 | 1 |
| 906 | 101 | 58 | | | | | | | 09 | 1 |
| 907 | 679 | 51516 | 625 | 52542 | 599 | 55599 | 482 | 65734 | 03 | 1 |
| 909 | 580 | 63754 | 400 | 80990 | 317 | 90990 | 240 | 96995 | 09 | 1 |
| 913 | 872 | 07077 | 762 | 03001 | 682 | 52579 | 656 | 53591 | 03 | 1 |
| 915 | 812 | 04623 | 730 | 01990 | 562 | 59992 | 510 | 65784 | 03 | 1 |
| 917 | 586 | 67734 | 565 | 66741 | 400 | 84902 | 358 | 90943 | 03 | 1 |
| 918 | 727 | 54601 | 582 | 65703 | 400 | 83900 | 247 | 06997 | 03 | 1 |
| 924 | 623 | 63765 | 400 | 89661 | 337 | 98990 | 265 | 90998 | 03 | 1 |
| 926 | | | | | | | | | | |
| 934 | 101 | 42 | | | | | | | 03 | 1 |
| 938 | 400 | 86906 | 083 | 89997 | | | | | 03 | 1 |
| 945 | 607 | 56592 | 400 | 75856 | 170 | 97991 | 080 | 93998 | 03 | 1 |
| 964 | 400 | 80882 | 265 | 96999 | 101 | 58*** | | | 03 | 1 |
| 968 | 840 | 50605 | 662 | 60681 | 650 | 58674 | 400 | 81891 | 03 | 1 |
| 74 | | | | | | | | | | |
| 043 | 629 | 60778 | 621 | 60776 | 400 | 81993 | | | 03 | 1 |
| 072 | 334 | 97996 | 216 | 86992 | | | | | 03 | 1 |
| 074 | 255 | 90991 | 095 | 90998 | | | | | 03 | 1 |
| 090 | 668 | 59656 | 615 | 62743 | 583 | 64997 | 540 | 70995 | 03 | 1 |
| 109 | 777 | 03556 | 400 | 75875 | 333 | 84962 | 288 | 92999 | 03 | 1 |
| 188 | 453 | 64744 | 430 | 67990 | 400 | 69996 | | | 09 | 1 |
| 76 | | | | | | | | | | |
| 458 | 667 | 07504 | 624 | 04533 | 604 | 02571 | 592 | 01608 | 02 | 1 |
| 491 | 712 | 11043 | 689 | 11748 | 638 | 07995 | 530 | 51781 | 02 | 1 |
| 644 | 626 | 01527 | 613 | 02512 | 561 | 52554 | 548 | 52552 | 03 | 1 |
| 679 | 541 | 52629 | 586 | 53608 | 461 | 60690 | 411 | 66706 | 03 | 1 |
| 78 | | | | | | | | | | |
| 016 | 650 | 02664 | 600 | 00996 | 400 | 71993 | 385 | 72996 | 03 | 1 |
| 325 | 750 | 13541 | | | | | | | 03 | 1 |
| 395 | 575 | 53683 | 560 | 51719 | 530 | 52716 | 480 | 57660 | 03 | 1 |
| 501 | 608 | 00636 | 564 | 52601 | 553 | 52675 | 400 | 67824 | 03 | 1 |
| 525 | 818 | 16517 | | | | | | | 03 | 1 |
| 741 | 505 | 56641 | 400 | 67995 | 363 | 73996 | | | 03 | 1 |
| 806 | 442 | 64705 | 400 | 69738 | 286 | 87949 | 270 | 90990 | 03 | 1 |
| 967 | 225 | 98991 | | | | | | | 03 | 1 |
| 972 | | | | | 248 | 90913 | 178 | 05992 | 04 | 1 |
| 91 | | | | | | | | | | |
| 066 | 757 | 11033 | 746 | 10534 | 707 | 11621 | 610 | 05997 | 03 | 1 |
| 182 | 789 | 13552 | 728 | 08024 | 695 | 07624 | 687 | 08991 | 03 | 1 |
| 245 | 575 | 06594 | 546 | 00570 | 400 | 66791 | 348 | 72856 | 03 | 1 |
| 98 | | | | | | | | | | |
| 327 | | | | | | | | | | |
| 645 | 720 | 12061 | 564 | 50561 | 532 | 51637 | 466 | 57633 | 03 | 8 |
| QLL | | OCEAN | STA | | | | | | | |
| 034 | 748 | 11515 | 604 | 51621 | 526 | 56744 | 480 | 61723 | 03 | 9 |
| 035 | 446 | 66692 | 400 | 71743 | 278 | 90933 | 162 | 13991 | 03 | 9 |
| 037 | 400 | 64994 | 257 | 90990 | 133 | 21992 | 123 | 19997 | 03 | 9 |
| 041 | 604 | 02658 | 571 | 00711 | 465 | 60793 | | | 02 | 5 |
| 044 | 726 | 02677 | 658 | 52593 | 565 | 59758 | 540 | 60993 | 03 | 9 |
| 051 | 605 | 27000 | 478 | 05650 | 441 | 02600 | 335 | 79650 | 02 | 2 |
| 053 | 400 | 79997 | 332 | 90990 | 250 | 03990 | 185 | 98990 | 03 | 9 |
| 055 | 600 | 63715 | 559 | 66721 | 498 | 70835 | 457 | 75837 | 03 | 9 |
| 062 | | | | | | | | | | |
| 063 | | | | | | | | | | |
| 131 | 612 | 05991 | 400 | 67996 | 150 | 12992 | | | 03 | 9 |
| 134 | 762 | 10635 | 693 | 06549 | 680 | 06666 | 655 | 05677 | 03 | 9 |
| 144 | 559 | 60694 | 428 | 74876 | 400 | 76994 | 151 | 10997 | 03 | 9 |
| 223 | 480 | 58 | 335 | 71 | 196 | 05*** | | | 03 | 1 |
| 235 | 232 | 88 | 209 | 96 | | | | | 03 | 1 |
| 246 | 400 | 69998 | 080 | 04990 | | | | | 03 | 9 |
| 360 | 400 | 81897 | 250 | 02 | 169 | 92*** | | | 03 | 5 |
| 01 | | | | | | | | | | |
| 001 | 750 | 52575 | 650 | 60677 | 612 | 65714 | 563 | 67745 | 03 | 8 |
| 030 | 545 | 69778 | 518 | 71782 | 400 | 85929 | 250 | 10**0 | 03 | 8 |
| 384 | 636 | 53539 | 612 | 56561 | 588 | 56569 | 400 | 76773 | 03 | 8 |
| 415 | 710 | 54592 | 691 | 53560 | 575 | 62656 | 536 | 66718 | 03 | 8 |
| 02 | | | | | | | | | | |
| 057 | 767 | 50552 | 714 | 54601 | 706 | 53899 | 276 | 04992 | 03 | 8 |
| 077 | 233 | 06994 | 812 | 05991 | 205 | 00990 | | | 03 | 5 |
| 084 | 729 | 50502 | 667 | 50995 | 277 | 96994 | | | 03 | 8 |
| 03 | | | | | | | | | | |
| 005 | | | | | | | | | | |
| 026 | | | | | | | | | | |
| 476 | | | | | | | | | | |
| 743 | 312 | 65430 | 206 | | 192 | 36**0 | 187 | 22**0 | 02 | 2 |
| 808 | | | | | | | | | | |
| 917 | | | | | | | | | | |
| 953 | 730 | 40 0 | 687 | 35 0 | 667 | 35**0 | 326 | 68**0 | 03 | 2 |
| 04 | | | | | | | | | | |
| 018 | 269 | 04952 | 240 | 96990 | 205 | 93998 | | | 03 | 1 |
| 202 | 235 | 07994 | 220 | 03998 | | | | | 03 | 1 |
| 231 | 500 | 65999 | 400 | 89960 | 350 | 89993 | | | 09 | 1 |
| 270 | | 52613 | 662 | 61650 | 663 | 61662 | 400 | 66920 | 09 | 1 |
| 06 | | | | | | | | | | |
| 180 | 659 | 50997 | | | 251 | 03992 | | | 03 | 5 |
| 260 | 728 | 03002 | 708 | 04518 | 674 | 02591 | 643 | 02732 | 03 | 8 |
| 447 | 763 | 08055 | 712 | 08505 | 660 | 05644 | 527 | 58692 | 03 | 8 |
| 610 | 751 | 07053 | 717 | 03029 | 665 | 01611 | 631 | 02551 | 05 | 5 |
| 07 | | | | | | | | | | |
| 110 | 880 | 13086 | 820 | 13046 | 716 | 08542 | 650 | 01614 | 02 | 5 |
| 145 | 810 | 17162 | 766 | 19161 | 715 | 16095 | 730 | 08512 | 02 | 8 |
| 190 | | | | | | | | | | |
| 480 | 725 | 06502 | 653 | 03525 | 524 | 59688 | 490 | 59697 | 02 | 8 |
| 510 | 755 | 08565 | 700 | 06561 | 580 | 59651 | 554 | 53643 | 02 | 5 |
| 645 | 905 | 20155 | 880 | 19144 | 865 | 16104 | 780 | 08044 | 02 | 8 |
| 08 | | | | | | | | | | |
| 521 | 400 | 68832 | 255 | 92997 | 153 | 12996 | 107 | 18998 | 14 | 8 |
| 536 | 400 | 67992 | 146 | 18996 | 063 | 01999 | 045 | 02990 | 14 | 8 |
| 10 | | | | | | | | | | |
| 034 | 137 | 35 0 | 087 | 37 0 | | | | | 02 | 2 |
| 384 | 568 | 56685 | 543 | 58638 | 508 | 61764 | 455 | 67708 | 03 | 5 |
| 419 | | | | | | | | | | |
| 633 | 757 | 08034 | 744 | 08008 | 716 | 06049 | 612 | 01573 | 03 | 5 |
| 672 | 400 | 69737 | 350 | 75992 | 225 | 02990 | 160 | 09996 | 03 | 8 |
| 866 | 632 | 50994 | 624 | 00995 | 577 | 52589 | 433 | 65802 | 03 | 5 |
| 11 | | | | | | | | | | |
| 030 | 664 | 01653 | 607 | 51651 | 585 | 56710 | 452 | 67790 | 03 | 5 |
| 567 | 580 | 51574 | 400 | 68733 | 188 | 01997 | 141 | 07995 | 05 | 5 |
| 16 | | | | | | | | | | |
| 596 | | | | | | | | | | |
| 17 | | | | | | | | | | |
| 606 | 537 | 34310 | 508 | 34210 | 425 | 21090 | 414 | 21090 | 02 | 7 |
| 40 | | | | | | | | | | |
| 648 | 703 | 71280 | 524 | 18990 | 503 | 30050 | 362 | 02540 | 02 | 2 |
| 42 | | | | | | | | | | |
| 182 | 475 | 55 | 253 | 94 | | | | | 15 | 8 |
| 339 | 465 | 5656 | 145 | 19 | | | | | 15 | 8 |
| 475 | 370 | 74 | 323 | 79 | | | | | 15 | 8 |
| 867 | | | | | | | | | | |
| 909 | 640 | 0901 | 419 | 61 | 288 | 83*** | 350 | 69*** | 14 | 8 |
| 43 | | | | | | | | | | |
| 063 | 300 | 79 | | | | | | | 14 | 8 |
| 279 | | | | | | | | | | |
| 371 | | | | | | | | | | |
| 45 | | | | | | | | | | |
| 007 | 750 | 15070 | 650 | 07020 | 600 | 03510 | 550 | 51**0 | 22 | 8 |
| 47 | | | | | | | | | | |
| 401 | 268 | 77831 | 182 | 96891 | 144 | 02994 | 061 | 01999 | 05 | 1 |
| 412 | 721 | | 683 | 06046 | 572 | 00515 | 440 | 58644 | 03 | 1 |
| 580 | 878 | 22166 | 667 | 12038 | 635 | 09502 | 687 | 08031 | 03 | 1 |
| 590 | 153 | 03993 | 140 | 05995 | 188 | 05990 | 057 | 04998 | 03 | 1 |
| 600 | 576 | 01597 | 439 | 56691 | 311 | 21934 | 238 | 85990 | 03 | 1 |
| 635 | 540 | 52699 | 484 | 57652 | 473 | 57738 | 400 | 63996 | 03 | 1 |
| 671 | 558 | 03642 | 517 | 51648 | 494 | 51707 | 400 | 61993 | 03 | 1 |
| 744 | 600 | 05568 | 400 | 63761 | 284 | 78900 | 267 | 88990 | 03 | 1 |
| 778 | 404 | 67753 | 336 | 73811 | 245 | 83992 | 189 | 91992 | 03 | 1 |
| 808 | 708 | 12635 | 492 | 63995 | 400 | 61998 | 307 | 73998 | 03 | 1 |
| 827 | 741 | 10065 | 600 | 50648 | 553 | 53686 | 397 | 64824 | 06 | 1 |
| 931 | | | | | | | | | | |
| 60 | | | | | | | | | | |
| 390 | 890 | 16086 | 818 | 16073 | 843 | 13048 | 821 | 13041 | 02 | 5 |
| 61 | | | | | | | | | | |
| 642 | | | | | | | | | | |
| 62 | | | | | | | | | | |
| 053 | 115 | 10 0 | | | | | | | 02 | 7 |
| 70 | | | | | | | | | | |
| 026 | 795 | 04635 | 753 | 01572 | 617 | 60648 | 599 | 61718 | 03 | 1 |
| 133 | 400 | 80934 | 362 | 84962 | 334 | 89995 | 273 | 98999 | 03 | 1 |
| 200 | 719 | 52551 | 636 | 58656 | 400 | 83885 | 353 | 90953 | 03 | 1 |
| 204 | 754 | 01601 | 400 | 81871 | 330 | 90933 | 221 | 05997 | 03 | 1 |
| 219 | 430 | 80853 | 400 | 84992 | 360 | 89994 | 288 | 00998 | 03 | 1 |
| 231 | 540 | 66737 | 400 | 82933 | 346 | | 257 | 06996 | 03 | 1 |
| 261 | | 96992 | 059 | 94995 | | | | | 03 | 1 |
| 350 | | | | | | | | | | |
| 381 | 400 | 80884 | 330 | 90973 | 244 | 02992 | 060 | 96991 | 03 | 1 |
| 398 | 420 | 75873 | 400 | 78991 | 230 | 04992 | 140 | 02995 | 03 | 1 |
| 485 | 690 | 51726 | | | 400 | 78842 | 312 | 90958 | 04 | 1 |
| 72 | | | | | | | | | | |
| 202 | 614 | 02684 | 400 | 67994 | 101 | 67*** | 063 | 61*** | 03 | 1 |
| 208 | 631 | 05662 | 581 | 03996 | 400 | 66997 | 286 | 88994 | 03 | 1 |
| 211 | 587 | 54707 | 450 | 62761 | 420 | 64704 | 408 | 65764 | 03 | 1 |
| 219 | 745 | 13567 | 687 | 10514 | 667 | 09644 | 608 | 05682 | 03 | 1 |
| 231 | 538 | 58706 | 425 | 64803 | 400 | 67992 | 130 | 20999 | 03 | 1 |
| 240 | 605 | 02604 | 598 | 02675 | 555 | 51701 | *** | ***** | 03 | 1 |
| 250 | 430 | 64682 | 400 | 67735 | 273 | 88961 | 148 | 16993 | 03 | 1 |
| 253 | 592 | 00533 | 522 | 54645 | 458 | 62653 | 450 | 62681 | 03 | 1 |
| 259 | 604 | 03690 | 550 | | | | | | 03 | 1 |
| 265 | 484 | 57727 | 422 | 63788 | 400 | 66993 | 252 | 90990 | 03 | 1 |
| 270 | 101 | 41 | | | | | | | 03 | 1 |

**JULY 28**

## RADIOSONDE AND RAWINSONDE DATA

| Index No. iii | Station Name | 1000 mb. hhh | 1000 mb. TTTTT ddx | dd | ff | 850 mb. hhh | 850 mb. TTTTT ddx | dd | ff | 700 mb. hhh | 700 mb. TTTTT ddx | dd | ff | 500 mb. hhh | 500 mb. TTTTT ddx | dd | ff | Hour GG | Code Type |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 278 | PHOENIX | 014 | | | | 495 | 27025 | 27 | 10 | 041 | 11513 | 19 | 9 | 938 | 54738 | 25 | 11 | 03 | 1 |
| 304 | HATTERAS | 056 | 26244 | 16 | 6 | 522 | 19135 | 01 | 13 | 061 | 08518 | 36 | 11 | 956 | 54990 | 02 | 15 | 03 | 1 |
| 317 | GREENSBORO | 054 | | | | 526 | 20145 | 28 | 6 | 065 | 09043 | 02 | 5 | 958 | 53709 | 33 | 5 | 03 | 1 |
| 327 | NASHVILLE | 054 | | | | 521 | 18134 | 18 | 8 | 060 | 09594 | 20 | 10 | 948 | 56703 | 18 | 12 | 03 | 1 |
| 340 | LITTLE ROCK | 052 | 27195 | 15 | 9 | 520 | 19127 | 18 | 15 | 058 | 09028 | 15 | 16 | 951 | 54685 | 18 | 9 | 03 | 1 |
| 353 | OKLAHOMA CTY | 034 | | | | 503 | 20137 | 19 | 30 | 045 | 10015 | 22 | 15 | 938 | 56601 | 25 | 7 | 03 | 1 |
| 365 | ALBUQUERQUE | 500 | | | | 483 | | | | 038 | 16012 | 28 | 10 | 933 | 56747 | 31 | 18 | 03 | 1 |
| 386 | LAS VEGAS | 004 | | | | 486 | 26547 | | | 032 | 13621 | | | 926 | 56724 | | | 03 | 1 |
| 394 | SANTA MARIA | 040 | 14116 | 30 | 8 | 493 | 20019 | 29 | 8 | 036 | 13995 | 27 | 10 | 933 | 55993 | 27 | 23 | 03 | 1 |
| 405 | WASHINGTON | 049 | 30235 | 24 | 6 | 520 | 20138 | 31 | 14 | 061 | 09036 | 32 | 13 | 954 | 55731 | 29 | 17 | 03 | 1 |
| 445 | COLUMBIA | 039 | | | | 505 | 18135 | 21 | 26 | 045 | 10001 | 23 | 22 | 937 | 56627 | 22 | 21 | 03 | 1 |
| 451 | DODGE CITY | 020 | | | | 497 | 25172 | 19 | 36 | 046 | 13537 | 20 | 8 | 937 | 58659 | 18 | 6 | 03 | 1 |
| 476 | GRAND JUNC | 501 | | | | 480 | | | | 034 | 15547 | 23 | 15 | 932 | 56732 | 25 | 20 | 03 | 1 |
| 486 | ELY | 508 | | | | 473 | | | | 030 | 15551 | 21 | 16 | 922 | 58719 | 28 | 11 | 03 | 1 |
| 493 | OAKLAND | 032 | 16112 | 30 | 6 | 488 | 18508 | 16 | 3 | 027 | 10992 | 14 | 7 | 916 | 58751 | 13 | 5 | 03 | 1 |
| 506 | NANTUCKET | 047 | 22215 | 24 | 21 | 512 | 19116 | 27 | 16 | 049 | 08023 | 32 | 8 | 936 | 57722 | 26 | 11 | 03 | 1 |
| 518 | ALBANY | 040 | 23218 | 20 | 4 | 506 | 18147 | 30 | 22 | 044 | 09032 | 29 | 12 | 936 | 55628 | 31 | 22 | 03 | 1 |
| 520 | PITTSBURGH | 052 | | | | 521 | 19131 | 28 | 20 | 060 | 09014 | 27 | 16 | 949 | 57646 | 29 | 15 | 03 | 1 |
| 528 | BUFFALO | 045 | | | | 511 | 19138 | 28 | 23 | 050 | 08027 | 28 | 24 | 938 | 56696 | | | 03 | 1 |
| 534 | CHICAGO | 041 | | | | 507 | 18116 | 25 | 28 | 043 | 07045 | 26 | 35 | 930 | 57627 | 24 | 28 | 03 | 1 |
| 536 | TOLEDO | 045 | | | | 514 | 19132 | 26 | 26 | 052 | 09021 | 26 | 15 | 940 | 58651 | | | 03 | 1 |
| 553 | OMAHA | 014 | | | | 493 | 20161 | 22 | 33 | 039 | 12541 | 19 | 4 | 927 | 59754 | 04 | 2 | 03 | 1 |
| 562 | N PLATTE | 002 | | | | 482 | 29022 | 19 | 21 | 034 | 13519 | 22 | 8 | 923 | 60653 | 28 | 4 | 03 | 1 |
| 576 | LANDER | 506 | | | | 470 | | | | 021 | 13515 | | | 911 | 59725 | | | 03 | 1 |
| 597 | MEDFORD | 034 | | | | 495 | 14048 | 28 | 5 | 027 | 07562 | 27 | 10 | 911 | 57998 | 29 | 15 | 03 | 1 |
| 600 | SABLE ISLAND | 043 | 17161 | | | 497 | 14093 | | | 027 | 04005 | | | 906 | 57729 | | | 03 | 1 |
| 606 | PORTLAND | 035 | 26209 | 30 | 5 | 505 | 20154 | 28 | 14 | 045 | 09054 | 26 | 13 | 935 | 58593 | | | 03 | 1 |
| 655 | ST CLOUD | 021 | | | | 490 | 19161 | 17 | 12 | 032 | 11031 | 23 | 16 | 918 | 59714 | 26 | 19 | 03 | 1 |
| 662 | RAPID CITY | 003 | | | | 477 | 26053 | 23 | 7 | 025 | 11501 | | | 912 | 59631 | 27 | 36 | 03 | 1 |
| 681 | BOISE | 025 | | | | 488 | 19512 | 35 | 15 | 022 | 06614 | 30 | 16 | 904 | 57716 | 27 | 31 | 03 | 1 |
| 712 | CARIBOU | 027 | | | | 493 | 18144 | 26 | 10 | 032 | 08057 | 27 | 18 | 920 | 57593 | 28 | 19 | 03 | 1 |
| 734 | SAULT MARIE | 023 | | | | 484 | 16146 | 24 | 32 | 020 | 08061 | 23 | 42 | *** | ***** | | | 03 | 1 |
| 747 | INTL FALLS | 022 | | | | 485 | 16118 | 25 | 9 | 018 | 08554 | 28 | 26 | 902 | 59683 | 25 | 34 | 04 | 1 |
| 764 | BISMARCK | 016 | | | | 482 | 18137 | 01 | 11 | 018 | 05044 | 11 | 5 | 892 | 60641 | 02 | 6 | 03 | 1 |
| 768 | GLASGOW | 027 | | | | 482 | 14065 | 27 | 11 | 009 | 01515 | 28 | 13 | 876 | 63675 | | | 03 | 1 |
| 775 | GREAT FALLS | 039 | | | | 489 | 08052 | 30 | 16 | 005 | 52551 | 30 | 17 | 857 | 68728 | | | 03 | 1 |
| 785 | SPOKANE | 041 | | | | 495 | 11026 | 20 | 5 | 015 | 51557 | 32 | 13 | 875 | 65991 | 30 | 20 | 03 | 1 |
| 798 | TATOOSH IS | 057 | 12093 | 24 | 5 | 498 | 06021 | 11 | 5 | 015 | 00579 | 33 | 10 | 881 | 61995 | 33 | 16 | 03 | 1 |
| 807 | ARGENTIA | 044 | 11104 | | | 489 | 11061 | | | 015 | 05043 | | | 890 | 61648 | | | 02 | 1 |
| 815 | STEPHENVILLE | 027 | 17540 | 00 | | 480 | 11 | 30 | 17 | 004 | 04623 | 30 | 25 | 883 | 59723 | 30 | 46 | 03 | 1 |
| 816 | GOOSE | 018 | 14135 | 32 | 4 | 465 | 10082 | 34 | 16 | 991 | 03512 | 33 | 29 | 868 | 60990 | 32 | 36 | 03 | 1 |
| 826 | NITCHEQUON | 004 | | | | 463 | 15060 | | | 993 | 02609 | | | 869 | 58717 | | | 03 | 1 |
| 836 | MOOSONEE | 017 | 24179 | | | 482 | 17087 | | | 013 | 07523 | | | 895 | 57611 | | | 03 | 1 |
| 867 | THE PAS | 037 | | | | 472 | 03007 | | | 989 | 51557 | | | 853 | 62716 | | | 03 | 1 |
| 879 | EDMONTON | 036 | | | | 487 | 10051 | 15 | 6 | 008 | 51534 | 29 | 2 | 863 | 67727 | 00 | | 03 | 1 |
| 896 | PRINCE GEORG | 041 | | | | 493 | 09037 | 26 | 8 | 011 | 51554 | 26 | 8 | 868 | 66777 | 30 | 5 | 03 | 1 |
| 906 | FT CHIMO | 007 | | | | | 10082 | 25 | 16 | 978 | 00532 | 27 | 16 | 837 | 65991 | | | 03 | 1 |
| 907 | PORT HARRISN | 006 | 07061 | | | 441 | 01504 | | | 953 | 50554 | | | 114 | 65994 | | | 03 | 1 |
| 909 | UP FROBISHER | 028 | 05033 | 06 | 9 | 466 | 07027 | 14 | 15 | 979 | 53586 | 14 | 9 | 826 | 67999 | 35 | 9 | 03 | 1 |
| 913 | CHURCHILL | 026 | 06067 | 01 | 21 | 463 | 05034 | 01 | 21 | 975 | 55550 | 01 | 30 | 824 | 67690 | 32 | 13 | 03 | 1 |
| 915 | CORAL HARBOR | 101 | 45 | | | | | | | *** | ***** | | | *** | ***** | | | 03 | 1 |
| 917 | EUREKA | 020 | 09022 | 00 | | 458 | 02533 | 15 | 20 | 961 | 57618 | 16 | 18 | 790 | 73767 | 17 | 28 | 03 | 1 |
| 918 | ARCTIC BAY | 025 | 07054 | | | 454 | 51531 | | | 951 | 58711 | | | 780 | 74869 | | | 03 | 1 |
| 924 | RESOLUTE | 016 | 02012 | 16 | 10 | 440 | 55584 | 19 | 24 | 932 | 61659 | 19 | 26 | 753 | 77818 | 19 | 39 | 03 | 1 |
| 926 | BAKER LAKE | 101 | 59 | | | | | | | *** | ***** | | | *** | ***** | | | 03 | 1 |
| 934 | FT SMITH | 037 | | | | 489 | 11054 | | | 010 | 50538 | | | 864 | 67744 | | | 03 | 1 |
| 938 | COPPERMINE | 101 | 59 | | | | | | | *** | ***** | | | *** | ***** | | | 03 | 1 |
| 945 | FORT NELSON | 031 | | | | 475 | 11043 | | | 007 | 00531 | | | 866 | 66693 | | | 03 | 1 |
| 964 | WHITEHORSE | 022 | | | | 472 | 08027 | 19 | 15 | 989 | 52525 | 16 | 8 | *** | ***** | | | 03 | 1 |
| 968 | AKLAVIK | 025 | 19063 | | | 476 | 09506 | | | 991 | 52603 | | | 840 | 68768 | | | 03 | 1 |
| | BLOCK 74 | | | | | | | | | | | | | | | | | | |
| 043 | NORMAN WELLS | 037 | 18048 | | | 483 | 07571 | | | 996 | 54663 | | | 838 | 70808 | | | 03 | 1 |
| 072 | MOULD BAY | 505 | | | | 422 | 53544 | | | 917 | 62654 | | | 731 | 80851 | | | 03 | 1 |
| 074 | ISACHSEN | 013 | 03014 | | | 440 | 53563 | | | 935 | 62657 | | | 752 | 79840 | | | 03 | 1 |
| 090 | CLYDE RIVER | 027 | 09022 | 18 | 2 | 469 | 06542 | 27 | 4 | 980 | 55651 | 24 | 4 | 821 | 71853 | 26 | 3 | 03 | 1 |
| 109 | PORT HARDY | 057 | 13073 | | | 500 | 07000 | | | 019 | 06018 | | | *** | ***** | | | 03 | 1 |
| 188 | MINGAN L PT | 018 | 12109 | 00 | | 458 | 04023 | 12 | 20 | 966 | 54570 | | | 822 | 65990 | | | 03 | 1 |
| | BLOCK 76 | | | | | | | | | | | | | | | | | | |
| 458 | MAZATLAN | 031 | 29225 | | | 499 | 21142 | | | 040 | 09099 | | | 931 | 55636 | | | 03 | 1 |
| 491 | C VICTORIA | 030 | | | | 503 | 18109 | | | 040 | 08637 | | | 925 | 57738 | | | 02 | 1 |
| 644 | MERIDA | 050 | 28187 | | | 518 | 20511 | | | 057 | 08580 | | | 946 | 57723 | | | 03 | 1 |
| 679 | TACUBAYA | | | | | 496 | | | | 043 | 10071 | | | 932 | 57638 | | | 03 | 1 |
| | BLOCK 78 | | | | | | | | | | | | | | | | | | |
| 016 | KINDLEY FLD | 047 | 24219 | 08 | 4 | 508 | 14115 | 07 | 7 | 040 | 10631 | 36 | 11 | 931 | 55685 | 02 | 6 | 03 | 1 |
| 325 | HAVANA C B | 056 | 26222 | 07 | 6 | 522 | 19078 | 05 | 19 | 061 | 09581 | 01 | 18 | 944 | 58697 | 07 | 19 | 03 | 1 |
| 355 | CAMAGUEY | 052 | 23224 | | | 516 | 17119 | | | 055 | 08516 | | | 939 | 60692 | | | 03 | 1 |
| 395 | VERNAM FIELD | 043 | 26179 | 07 | 3 | 507 | 18101 | 07 | 35 | 045 | 09576 | 07 | 20 | 927 | 58971 | 13 | 99 | 03 | 1 |
| 501 | SWAN ISLAND | 047 | 26223 | | | 510 | 17107 | | | 050 | 07597 | | | 932 | 56997 | | | 03 | 1 |
| 525 | SAN JUAN | 048 | 24238 | 15 | 5 | 511 | 16141 | 08 | 15 | 046 | 08049 | 12 | 11 | 934 | 56653 | 10 | 8 | 03 | 1 |
| 741 | MANAGUA | 039 | 27220 | 07 | 10 | 504 | 17136 | 07 | 35 | 044 | 11561 | 08 | 44 | 943 | 55990 | 08 | 18 | 03 | 1 |
| 806 | ALBROOK FLD | 034 | 25223 | 06 | 10 | 496 | 16121 | 56 | 13 | 032 | 09511 | 11 | 6 | 920 | 57634 | 12 | 14 | 03 | 1 |
| 972 | WALLER FIELD | 045 | 23238 | 07 | 7 | 506 | 16154 | 11 | 10 | 043 | 08012 | 08 | 13 | 930 | 57713 | 07 | 29 | 03 | 1 |
| | BLOCK 80 | | | | | | | | | | | | | | | | | | |
| 050 | BARRANQUILLA | 101 | 42 | | | | | | | *** | ***** | | | *** | ***** | | | 03 | 1 |
| | BLOCK 91 | | | | | | | | | | | | | | | | | | |
| 066 | MIDWAY ISL | 062 | 25214 | 08 | 19 | 525 | 16147 | | | 060 | 08532 | | | 956 | 52993 | | | 03 | 1 |
| 115 | IWO JIMA | 036 | 27248 | 04 | 11 | 500 | 17128 | 27 | 3 | 038 | 09021 | 20 | 6 | 931 | 56660 | 20 | 14 | 03 | 1 |
| 182 | HONOLULU | 044 | 24177 | 05 | 19 | 506 | 15091 | 08 | 3 | 038 | 06021 | 13 | 10 | 923 | 57709 | 22 | 10 | 03 | 1 |
| 215 | HARMON FLD | 028 | 30221 | 09 | 3 | 495 | 18112 | 08 | 7 | 035 | 10534 | 07 | 9 | 930 | 55714 | 04 | 17 | 03 | 1 |
| 245 | WAKE ISLAND | 036 | 27203 | 11 | 10 | 499 | 17111 | 10 | 17 | 037 | 10011 | 09 | 9 | 932 | 55702 | 16 | 18 | 03 | 1 |
| 275 | JOHNSON IS | 039 | 27202 | 07 | 16 | 502 | 11917 | 08 | 14 | 040 | 10521 | 19 | 3 | 931 | 55991 | 10 | 7 | 03 | 1 |
| 334 | TRUK | 101 | 59 | | | | | | | *** | ***** | | | *** | ***** | | | 03 | 1 |
| 366 | KWAJALEIN | 101 | 43 | | | | | | | *** | ***** | | | *** | ***** | | | 03 | 1 |
| 413 | YAP | 101 | 59 | | | | | | | *** | ***** | | | *** | ***** | | | 03 | 1 |
| | BLOCK 98 | | | | | | | | | | | | | | | | | | |
| 645 | CEBU | 023 | 29232 | | | 495 | 20125 | | | 033 | 11034 | | | 929 | 54645 | | | 03 | 8 |
| QLL | OCEAN STA | | | | | | | | | | | | | | | | | | |
| 034 | 0 355 400 | 073 | 23193 | 19 | 12 | 532 | 14107 | 19 | 8 | 064 | 06569 | 20 | 10 | 943 | 58993 | 25 | 8 | 03 | 9 |
| 035 | 0 340 520 | 045 | 24216 | 23 | 32 | 506 | 16085 | 21 | 26 | 038 | 05520 | 13 | 30 | 913 | 60657 | 21 | 41 | 03 | 9 |
| 037 | 0 360 700 | 054 | 24197 | | | 514 | 14119 | 07 | 13 | 053 | 12523 | 06 | 22 | 950 | 53656 | | | 02 | 9 |
| 041 | 0 450 160 | 239 | 17179 | | | 820 | 11092 | | | 732 | 06525 | | | 917 | 58717 | | | 02 | 5 |
| 044 | 0 450 450 | 042 | 19190 | 13 | 18 | 498 | 13123 | 17 | 22 | 991 | 02003 | 21 | 27 | 896 | 61643 | 22 | 31 | 03 | 9 |
| 051 | 0 538 187 | 048 | 53500 | | | 485 | 38370 | 28 | 24 | 997 | 30160 | 26 | 20 | 849 | 98850 | 25 | 48 | 08 | 2 |
| 053 | 0 527 355 | 072 | 09067 | | | 510 | 01527 | | | 016 | 54618 | | | 527 | 53553 | | | 03 | 9 |
| 054 | 0 535 447 | 056 | 09073 | | | 492 | 02521 | 20 | 14 | 004 | 53587 | 22 | 17 | 848 | 69758 | 27 | 24 | 03 | 9 |
| 055 | 0 565 510 | 034 | 08072 | 18 | 13 | 472 | 04034 | 11 | 14 | 983 | 54565 | 17 | 6 | 826 | 71765 | 25 | 24 | 03 | 9 |
| 062 | 0 600 200 | 000 | 53550 | | | 439 | 38470 | 27 | 25 | 947 | 24170 | 27 | 24 | 787 | 95850 | 27 | 29 | 02 | |
| 063 | 0 620 330 | 029 | 07075 | | | 463 | 01501 | 32 | 14 | 968 | 56744 | 33 | 10 | 808 | 72824 | 28 | 15 | 03 | 9 |
| 131 | 1 328 183 | 039 | 15111 | | | 495 | 20543 | | | 037 | 13592 | | | 932 | 56994 | | | 03 | 9 |
| 134 | 1 300 400 | 067 | 18166 | 07 | 16 | 518 | 13035 | | | 048 | 07571 | | | 933 | 56992 | | | 03 | 9 |
| 144 | 1 490 480 | 076 | 13125 | | | 522 | 00024 | 26 | 37 | 045 | 03541 | | | 915 | 61717 | 27 | 55 | 03 | 9 |
| 215 | 2 110 560 | 028 | 29210 | | | 495 | 20066 | | | 035 | 11560 | | | 899 | 55612 | | | 03 | 9 |
| 223 | 2 292 345 | 025 | 25 | | | 481 | 14 | | | 003 | 08*** | | | 889 | 57*** | | | 03 | 1 |
| 235 | 2 386 530 | 056 | 19 | | | 506 | 10 | | | 034 | 06*** | | | 913 | 56*** | | | 02 | 1 |
| 246 | 2 440 650 | 067 | 10095 | | | 512 | 11109 | | | 048 | 07722 | | | 929 | 59721 | | | 03 | 9 |
| 360 | 3 660 020 | 058 | 08084 | 10 | 24 | 390 | 00510 | 10 | 21 | 926 | 55583 | 11 | 14 | 492 | 69693 | 23 | 9 | 03 | 5 |
| **JULY 29** | | | | | | | | | | | | | | | | | | | |
| | BLOCK 01 | | | | | | | | | | | | | | | | | | |
| 001 | JAN MAYEN | 112 | 02016 | | | 430 | 01581 | | | 962 | 59671 | | | 479 | 76841 | | | 03 | 8 |
| 030 | TROMSO | 047 | 06048 | 00 | | 480 | 02553 | 00 | | 921 | 55651 | 00 | | 473 | 73826 | | | 03 | 5 |
| 384 | GARDERMOEN | 008 | 99999 | | | 352 | 06049 | 34 | 16 | 917 | 54561 | 28 | 13 | 475 | 70757 | 21 | 15 | 03 | 5 |
| 415 | SOLA | 063 | 13113 | | | 410 | 03031 | | | 956 | 55567 | | | 519 | 72735 | | | 03 | 8 |
| | BLOCK 02 | | | | | | | | | | | | | | | | | | |
| 057 | LULEA KALLAS | 053 | 07016 | | | 380 | 51539 | | | 916 | 54617 | | | 987 | 70779 | | | 03 | 8 |
| 077 | STOCKHOLM | | | | | 350 | 06054 | 36 | 2 | 914 | 51537 | 20 | 4 | 511 | 68715 | 31 | 2 | 03 | 5 |
| 084 | GOTEBORG | 031 | 15124 | | | 384 | 06031 | | | 950 | 52568 | | | 533 | 68767 | | | 03 | 8 |
| | BLOCK 03 | | | | | | | | | | | | | | | | | | |
| 005 | LERWICK | 000 | | | | 447 | 40380 | 27 | 14 | 959 | 24210 | 26 | 17 | 803 | 96850 | 27 | 13 | 02 | 2 |
| 026 | STORNOWAY | 019 | 54520 | | | 459 | 40380 | 26 | 26 | 970 | 24200 | 25 | 25 | 812 | 93900 | 26 | 24 | 02 | 2 |
| 171 | LEUCHARS | 026 | 55510 | | | 467 | 42340 | | | 989 | 23970 | | | 820 | 91880 | | | 02 | 7 |
| 476 | DOWNHAM MKT | 460 | 58510 | | | 490 | 42360 | 25 | 22 | 006 | 33150 | 25 | 25 | 861 | 03010 | 25 | 66 | 02 | 2 |
| 743 | LARKHILL | 053 | 58550 | | | 497 | 44440 | 27 | 24 | *** | 39130 | 26 | 27 | 014 | 36060 | 26 | 31 | 02 | 2 |
| 808 | CAMBORNE | 060 | 58550 | 28 | 17 | 503 | 42410 | 26 | 30 | 020 | 35920 | 27 | 41 | 880 | 07820 | 26 | 59 | 02 | 2 |
| 917 | ALDERGROVE | 044 | 53510 | | | 482 | 37370 | 28 | 47 | 989 | 19190 | 28 | 31 | 832 | 97770 | 28 | 50 | 02 | 2 |
| 953 | VALENTIA | 060 | 55 0 | 28 | 11 | 501 | 38 0 | | | 013 | 28**0 | | | 869 | 05**0 | | | 03 | 2 |
| | BLOCK 04 | | | | | | | | | | | | | | | | | | |
| 018 | KEFLAVIK | 016 | 10108 | | | 459 | 05042 | | | 971 | 54543 | | | 812 | 72742 | | | 03 | 1 |
| 202 | THULE | | 2 | | | | | | | | | | | | | | | | |
| 231 | SDR STROMFRD | 034 | 08511 | 04 | 13 | 475 | 05524 | 36 | 9 | 958 | 56634 | 36 | 8 | 821 | 70997 | 03 | 21 | 03 | 1 |
| 270 | NARSSARSSUAK | 043 | 05023 | 00 | | 476 | 009 | 00 | | 983 | 56642 | 05 | 15 | 817 | 73791 | 29 | 4 | 03 | 1 |
| | BLOCK 06 | | | | | | | | | | | | | | | | | | |
| 260 | DE BILT | 137 | 13127 | | | 504 | 08037 | | | 083 | 00627 | | | 731 | 62717 | | | 03 | 8 |
| 447 | UCCLE | 149 | 14131 | | | 503 | 08065 | | | 088 | 04611 | | | 745 | 61685 | | | 03 | 8 |
| 610 | PAYERNE | 180 | | | | 501 | 61032 | 52 | 1 | 600 | 45362 | 71 | 88 | 405 | 97555 | 27 | 23 | 05 | 5 |
| | BLOCK 07 | | | | | | | | | | | | | | | | | | |
| 110 | BREST | 186 | 17140 | 29 | 5 | 550 | 09040 | 25 | 34 | 153 | 02511 | 26 | 36 | 806 | 61674 | 25 | 52 | 02 | 5 |
| 145 | TRAPPES | 180 | 12119 | | | 520 | 09094 | | | 140 | 04568 | | | 800 | 61642 | | | 02 | 8 |
| 190 | STRASBOURG | 165 | 15113 | | | 530 | 10073 | | | 136 | 03004 | | | 790 | 52781 | | | 02 | 8 |
| 480 | LYON | 156 | | | | 570 | 17147 | | | 204 | 09060 | | | 915 | 55614 | | | 02 | 8 |
| 510 | BORDEAUX | 172 | 21194 | 00 | | 580 | 15074 | 00 | | 193 | 06536 | 00 | | 875 | 60683 | 27 | 14 | 02 | 5 |
| 645 | NIMES | 157 | 20148 | | | 540 | 19631 | | | 173 | 05741 | | | 847 | 59852 | | | 02 | 8 |
| | BLOCK 08 | | | | | | | | | | | | | | | | | | |
| 509 | LAGENS | 078 | 20184 | 06 | 6 | 531 | 10051 | 04 | 10 | 060 | 06580 | 03 | 9 | 937 | 61712 | 36 | 5 | 03 | 1 |
| 521 | FUNCHAL | 126 | 21158 | | | 525 | 20568 | | | 172 | 10596 | | | 890 | 55731 | | | 14 | 8 |
| 536 | PORTELA | 145 | 33071 | | | 570 | 22053 | | | 215 | 07508 | | | 913 | 55729 | | | 14 | 8 |
| | BLOCK 10 | | | | | | | | | | | | | | | | | | |
| 384 | TEMPELHOF | 132 | 13107 | 28 | 14 | 487 | 06027 | 28 | 26 | 061 | 01691 | 28 | 46 | 705 | 63801 | 26 | 62 | 03 | 5 |
| 419 | ISERLOHN | 051 | | | | 498 | 47360 | 28 | 14 | 018 | 40140 | 26 | 31 | 889 | 08790 | 26 | 34 | 02 | 2 |
| 633 | WIESBADEN | 159 | 14109 | 34 | 3 | 519 | 07062 | 24 | 8 | 103 | 02684 | 26 | 36 | 766 | 61653 | 27 | 52 | 03 | 5 |
| 866 | MUNCHEN RIEM | 160 | 99999 | 99 | 99 | 552 | 14104 | 26 | 10 | 165 | 03019 | 27 | 33 | 831 | 61680 | 28 | 31 | 03 | 5 |
| | BLOCK 11 | | | | | | | | | | | | | | | | | | |
| 030 | TULLN | 138 | | | | 535 | 14106 | 29 | 15 | 144 | 02029 | 28 | 43 | 797 | 62788 | 28 | 29 | 03 | 5 |
| 567 | PRAHA KBELY | 164 | | | | 550 | 09060 | | | 113 | 03648 | | | 776 | 61761 | | | 05 | 5 |
| | BLOCK 40 | | | | | | | | | | | | | | | | | | |
| 648 | HABBANIYA | 507 | | | | 470 | 88310 | 33 | 20 | 026 | 63100 | | | 928 | 31230 | 03 | 13 | 02 | 2 |
| | BLOCK 42 | | | | | | | | | | | | | | | | | | |
| 182 | NEW DELHI | 503 | | | | 142 | 2317 | | | 307 | 1008* | | | 581 | 54*** | | | 15 | 8 |
| 339 | JODHPUR | 501 | | | | 143 | 1919 | | | 308 | 1711* | | | 583 | 5454* | | | 15 | 8 |
| 475 | BAMRAULI AL | 503 | | | | 141 | 2217 | | | 307 | 1108* | | | *** | ***** | | | 15 | 8 |
| 867 | NAGPUR | 000 | | | | 143 | 2117 | | | 309 | 1307* | | | 587 | 0052* | | | 15 | 8 |
| 909 | VERAVAL | 000 | | | | 142 | 1818 | | | 308 | 1110* | | | 583 | 5156* | | | 14 | 8 |
| | BLOCK 43 | | | | | | | | | | | | | | | | | | |
| 063 | POONA | 002 | | | | 144 | 2815 | | | 309 | 1206* | | | 583 | 53*** | | | 14 | 8 |
| 149 | VIZAGAPATAM | 501 | | | | 143 | 2215 | | | 310 | 1207* | | | 585 | 5257* | | | 14 | 8 |
| 279 | MADRAS | 002 | 2922 | | | 146 | 2118 | | | 313 | 1208* | | | 587 | 5256* | | | 14 | 8 |
| 371 | TRIVANDRUM | 007 | 2323 | | | 148 | 1616 | | | 312 | 0907* | | | *** | ***** | | | 15 | 8 |
| | BLOCK 45 | | | | | | | | | | | | | | | | | | |
| 007 | KAI TAK | 003 | 27260 | | | 145 | 20160 | | | 310 | 11040 | | | 585 | 52**0 | | | 22 | 8 |
| | BLOCK 47 | | | | | | | | | | | | | | | | | | |
| 401 | WAKKANAI | 056 | 16102 | | | 504 | 17101 | | | 031 | 07523 | | | 915 | 57703 | | | 04 | 1 |
| 412 | SAPPORO DCMO | 047 | 15138 | | | 495 | 18114 | | | 023 | 06043 | | | 913 | 53562 | | | 03 | 1 |
| 580 | MISAWA | 046 | 30186 | 04 | 6 | 508 | 19167 | 04 | 6 | 050 | 13505 | 26 | 11 | 955 | 00991 | 27 | 20 | 03 | 1 |
| 590 | SENDAI DCMO | 036 | 26241 | | | 497 | 18159 | | | 035 | 12052 | | | 933 | 52607 | | | 03 | 1 |
| 600 | WAJIMA | 030 | 28237 | | | 495 | 21156 | | | 037 | 11047 | | | 929 | 52669 | | | 03 | 1 |

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| Index No. iii | 300 mb. hhh | 300 mb. TTTTT ddx | dd | ff | 200 mb. hhh | 200 mb. TTTTT ddx | dd | ff | 100 mb. hhh | 100 mb. TTTTT ddx | dd | ff | Hour GG | Code Type |
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| 304 | 207 | 82933 | 03 | 11 | 103 | 03995 | 31 | 4 | 473 | ***** | | | 03 | 1 |
| 317 | 210 | 82999 | 34 | 10 | 108 | | | | | | | | 03 | 1 |
| 327 | 191 | 84935 | 22 | 15 | 076 | 07997 | 23 | 26 | | | | | 03 | 1 |
| 340 | 213 | | | | | | | | | | | | 03 | 1 |
| 353 | 189 | 81916 | 24 | 15 | 091 | 02993 | 23 | 5 | 473 | 21996 | 19 | 14 | 03 | 1 |
| 365 | 179 | 81996 | 25 | 20 | 081 | 02994 | 26 | 24 | 462 | 18995 | 22 | 10 | 03 | 1 |
| 386 | 164 | 85996 | | | 050 | 06994 | | | 439 | 17997 | | | 03 | 1 |
| 394 | 187 | 80996 | 24 | 41 | 092 | 00990 | 20 | 42 | 508 | ***** | | | 03 | 1 |
| 405 | 200 | 83991 | | | 098 | 01994 | | | 493 | 19996 | | | 03 | 1 |
| 445 | 188 | 83930 | 23 | 17 | 074 | 04998 | 24 | 13 | | | | | 03 | 1 |
| 451 | 191 | 80853 | | | 096 | 01994 | | | 482 | 19992 | | | 03 | 1 |
| 476 | 171 | 84998 | 27 | 25 | 065 | 01997 | 26 | 41 | 470 | 15992 | 24 | 16 | 03 | 1 |
| 486 | 156 | 85983 | | | 042 | 04996 | | | | | | | 03 | 1 |
| 493 | 145 | 88990 | 02 | 7 | 028 | 03992 | 22 | 23 | 434 | 13991 | 25 | 4 | 03 | 1 |
| 506 | 179 | 83993 | 30 | 8 | 075 | 02994 | | | 471 | 14998 | | | 03 | 1 |
| 518 | 185 | 81922 | | | 086 | 01998 | | | 485 | 18995 | | | 03 | 1 |
| 520 | 186 | 85992 | | | 074 | 04995 | | | | | | | 03 | 1 |
| 528 | 182 | 83913 | | | 076 | 03993 | | | 474 | 13992 | | | 03 | 1 |
| 534 | 173 | 83998 | | | 065 | 03998 | | | 457 | ***** | | | 03 | 1 |
| 536 | 174 | 85998 | | | 062 | 04991 | | | | | | | 03 | 1 |
| 553 | 162 | 84992 | | | 054 | 05990 | | | 440 | 15997 | | | 03 | 1 |
| 562 | 150 | 87995 | | | | | | | | | | | 03 | 1 |
| 576 | 142 | 87994 | | | 014 | 08995 | | | 438 | 08994 | | | 03 | 1 |
| 597 | 145 | 86980 | 25 | 26 | 025 | 06998 | 24 | 33 | 445 | 10991 | 26 | 13 | 03 | 1 |
| 600 | 138 | 85975 | | | 030 | 02999 | | | 445 | ***** | | | 03 | 1 |
| 606 | 188 | 80991 | | | 093 | 02994 | | | 493 | ***** | | | 03 | 1 |
| 655 | 156 | 84943 | 25 | 26 | 050 | 01990 | 22 | 43 | 477 | 11990 | 23 | 30 | 03 | 1 |
| 662 | 147 | 85997 | 27 | 30 | 029 | 07993 | | | 456 | 09999 | | | 03 | 1 |
| 681 | 143 | 84995 | 27 | 49 | 031 | 05997 | | | | | | | 03 | 1 |
| 712 | 169 | 83903 | 31 | 34 | 063 | 04997 | 30 | 52 | 465 | 14995 | 35 | 8 | 03 | 1 |
| 734 | | | | | | | | | | | | | 03 | 1 |
| 747 | 130 | 86979 | 24 | 40 | | | | | | | | | 04 | 1 |
| 764 | 126 | 86921 | 24 | 60 | 010 | 03997 | 71 | 6 | | | | | 03 | 1 |
| 768 | 083 | 91994 | | | 954 | 97996 | | | | | | | 03 | 1 |
| 775 | 038 | 91999 | | | 926 | 97994 | | | 403 | ***** | | | 03 | 1 |
| 785 | 087 | 88996 | 29 | 31 | 961 | 03998 | | | 419 | 05997 | | | 03 | 1 |
| 798 | 096 | 89923 | 30 | 7 | 986 | 97996 | 30 | 25 | | | | | 03 | 1 |
| 807 | 120 | 86999 | | | 287 | 04994 | | | | | | | 02 | 1 |
| 815 | 113 | 86998 | 34 | 57 | | | | | | | | | 03 | 1 |
| 816 | 126 | 87997 | 33 | 78 | 010 | 00990 | | | 484 | ***** | | | 03 | 1 |
| 826 | | | | | | | | | | | | | | |
| 836 | 143 | 81864 | | | 045 | 01990 | | | | | | | 03 | 1 |
| 867 | 067 | 89996 | | | 943 | 00996 | | | 435 | 00990 | | | 03 | 1 |
| 879 | 051 | 94992 | 18 | 13 | 920 | 97990 | 28 | 15 | | | | | 03 | 1 |
| 896 | 060 | 92991 | 33 | 44 | | | | | | | | | 03 | 1 |
| 906 | 042 | 90994 | | | 930 | 00990 | | | | | | | 03 | 1 |
| 907 | 002 | 93990 | | | 890 | 97994 | | | 372 | 02997 | | | 03 | 1 |
| 909 | 033 | 87994 | 04 | 47 | 915 | 89998 | 30 | 25 | 419 | ***** | | | 03 | 1 |
| 913 | 021 | 93994 | 01 | 21 | 892 | 97992 | 26 | 15 | | | | | 03 | 1 |
| 915 | 101 | 45 | | | | | | | | | | | 03 | 1 |
| 917 | 955 | 97993 | 17 | 70 | 828 | 92993 | | | | | | | 03 | 1 |
| 918 | 936 | 00990 | | | 820 | 94997 | | | 337 | 94994 | | | 03 | 1 |
| 924 | 898 | 55997 | | | 846 | 88997 | | | 357 | ***** | | | 03 | 1 |
| 926 | 101 | 59 | | | | | | | | | | | 03 | 1 |
| 934 | 051 | 95992 | | | 906 | 03997 | | | 397 | 97993 | | | 03 | 1 |
| 938 | 101 | 59 | | | | | | | | | | | 03 | 1 |
| 945 | 064 | 90996 | | | 940 | 00996 | | | 446 | 96990 | | | 03 | 1 |
| 964 | 101 | 50 | | | | | | | | | | | 03 | 1 |
| 968 | 030 | 93999 | | | 901 | 98999 | | | 542 | 91999 | | | 03 | 1 |
| 74 | | | | | | | | | | | | | | |
| 043 | 007 | 98996 | | | 864 | 99993 | | | 380 | 95990 | | | 03 | 1 |
| 072 | 766 | 92999 | | | 786 | 87999 | | | | | | | 03 | 1 |
| 074 | 897 | 92991 | | | 812 | 86998 | | | 378 | ***** | | | 03 | 1 |
| 090 | 995 | 96995 | 34 | 16 | 861 | 97994 | 30 | 18 | 375 | 94990 | | | 03 | 1 |
| 109 | 101 | 50 | | | | | | | | | | | 03 | 1 |
| 188 | 030 | 89991 | | | 859 | 61997 | | | | | | | 03 | 1 |
| 76 | | | | | | | | | | | | | | |
| 458 | 186 | 80887 | | | 089 | 62997 | | | | | | | 03 | 1 |
| 491 | 166 | 83906 | | | 042 | 08994 | | | | | | | 02 | 1 |
| 644 | 183 | 84904 | | | 069 | 06993 | | | 430 | 22993 | | | 03 | 1 |
| 679 | 176 | 83919 | | | 064 | 06990 | | | | | | | 03 | 1 |
| 78 | | | | | | | | | | | | | | |
| 016 | 101 | 50 | | | | | | | | | | | 03 | 1 |
| 325 | | | | | | | | | | | | | | |
| 355 | | | | | | | | | | | | | | |
| 395 | 163 | 85990 | 23 | 22 | 093 | 04997 | 11 | 13 | | | | | 03 | 1 |
| 501 | | | | | | | | | | | | | | |
| 525 | | | | | | | | | | | | | | |
| 741 | | | | | | | | | | | | | | |
| 806 | 156 | 85994 | 16 | 13 | 037 | 07999 | 13 | 4 | | | | | 03 | 1 |
| 972 | 170 | 85990 | 09 | 17 | 057 | 06990 | 17 | 6 | | | | | 03 | 1 |
| 80 | | | | | | | | | | | | | | |
| 050 | 101 | 42 | | | | | | | | | | | 03 | 1 |
| 91 | | | | | | | | | | | | | | |
| 066 | 198 | 86909 | | | 081 | 05990 | | | 482 | 12995 | | | 03 | 1 |
| 115 | 180 | 82990 | 20 | 76 | 076 | 05990 | | | | | | | 03 | 1 |
| 182 | 158 | 86993 | 23 | 27 | 038 | 07995 | 04 | 35 | 438 | 16991 | 10 | 12 | 03 | 1 |
| 215 | | | | | | | | | | | | | | |
| 245 | 180 | 82934 | | | | | | | | | | | 03 | 1 |
| 275 | | | | | | | | | | | | | | |
| 334 | 101 | 59 | | | | | | | | | | | 03 | 1 |
| 366 | 101 | 43 | | | | | | | | | | | 03 | 1 |
| 413 | 101 | 59 | | | | | | | | | | | 03 | 1 |
| 98 | | | | | | | | | | | | | | |
| 645 | 186 | 81921 | | | 096 | 00990 | | | | | | | 03 | 8 |
| QLL | | OCEAN | STA | | | | | | | | | | | |
| 034 | 210 | 85996 | 27 | 13 | 096 | 06990 | | | 483 | ***** | | | 03 | 9 |
| 035 | 139 | 87959 | 22 | 56 | | | | | | | | | 03 | 9 |
| 037 | 205 | 81995 | | | 101 | 04992 | | | | | | | 02 | 9 |
| 041 | 685 | 86984 | | | 385 | 06991 | | | 051 | 14994 | | | 02 | 5 |
| 044 | 121 | 87915 | 23 | 47 | 998 | | | | | | | | 03 | 9 |
| 051 | 045 | 56 0 | 25 | 84 | | | | | | | | | 08 | 2 |
| 053 | 101 | 50 | | | | | | | | | | | 03 | 9 |
| 054 | 044 | 92991 | 28 | 49 | 913 | 00996 | 28 | 38 | 400 | 00990 | 32 | 25 | 03 | 9 |
| 055 | 999 | 84995 | 30 | 58 | | | | | | | | | 03 | 9 |
| 062 | 957 | 48 0 | 26 | 36 | 833 | 53 0 | 26 | 30 | 352 | 49**0 | 26 | 16 | 02 | |
| 063 | 973 | 98995 | 36 | 10 | 839 | | | | | | | | 03 | 9 |
| 131 | 177 | 09996 | | | 067 | 04999 | | | | | | | 03 | 9 |
| 134 | 173 | 85991 | | | 059 | 05999 | | | 446 | 17993 | | | 03 | 9 |
| 144 | 131 | 88928 | | | 999 | 08997 | | | 418 | 07990 | | | 03 | 9 |
| 215 | 101 | 43 | | | | | | | | | | | 03 | 9 |
| 223 | 151 | 78 | | | 070 | 95 | | | 515 | 01*** | | | 03 | 1 |
| 235 | 181 | 74 | | | 106 | 98 | | | 532 | 06*** | | | 02 | 1 |
| 246 | 166 | 84887 | | | 057 | 02995 | | | 298 | 11998 | | | 03 | 9 |
| 360 | 101 | 43 | | | | | | | | | | | 03 | 5 |
| **JULY 29** | | | | | | | | | | | | | | |
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| 001 | 897 | 02998 | | | | | | | | | | | 03 | 8 |
| 030 | 898 | 02 6 | | | 154 | 02 6 | | | | | | | 03 | 5 |
| 384 | 903 | 00049 | 20 | 17 | 169 | 95992 | 27 | 22 | 628 | 95995 | | | 03 | 5 |
| 415 | 907 | 99002 | | | 171 | 97990 | | | | | | | 03 | 8 |
| 02 | | | | | | | | | | | | | | |
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| 077 | 911 | 96995 | 18 | 5 | 181 | 91995 | 27 | 23 | 651 | 90997 | 29 | 20 | 03 | 5 |
| 084 | 915 | 91991 | | | | | | | | | | | 03 | 8 |
| 03 | | | | | | | | | | | | | | |
| 005 | 972 | 42 0 | 27 | 18 | | | | | | | | | 02 | 2 |
| 026 | 101 | 43 | | | | | | | | | | | 02 | 2 |
| 171 | | 440 | | 86 | 752 | 0 | | | | | | | 02 | 7 |
| 476 | 061 | 58 0 | 25 | 88 | | | | | | | | | 02 | 2 |
| 743 | 097 | 67560 | 26 | 78 | | | | | | | | | 02 | 2 |
| 808 | 087 | 58 0 | 26 | 68 | | | | | | | | | 02 | 2 |
| 917 | 012 | 49 0 | 27 | 62 | | | | | | | | | 02 | 2 |
| 953 | 074 | 58 0 | | | 943 | 35 0 | | | | | | | 03 | 2 |
| 04 | | | | | | | | | | | | | | |
| 018 | 979 | 97998 | | | | | | | | | | | 03 | 1 |
| 202 | | | | | | | | | | | | | | |
| 231 | 101 | 43 | | | | | | | | | | | 03 | 1 |
| 270 | | | | | | | | | | | | | | |
| 06 | | | | | | | | | | | | | | |
| 260 | 101 | 43 | | | | | | | | | | | 03 | 8 |
| 447 | 480 | 86907 | | | 769 | 03 0 | | | 648 | 02**0 | | | 03 | 8 |
| 610 | 550 | 85979 | 28 | 38 | | | | | | | | | 05 | 5 |
| 07 | | | | | | | | | | | | | | |
| 110 | 959 | 89956 | | | 216 | 09 0 | | | 649 | 10**0 | | | 02 | 5 |
| 145 | 951 | 91 7 | | | 216 | 06 1 | | | 669 | 07**0 | | | 02 | 8 |
| 190 | 952 | 85918 | | | 222 | 03 7 | | | 657 | 10**0 | | | 02 | 8 |
| 480 | 101 | 43 | | | | | | | | | | | 02 | 8 |
| 510 | 955 | 88982 | 28 | 32 | 223 | 06 1 | 29 | 54 | 645 | 15**7 | 27 | 18 | 02 | 5 |
| 645 | 956 | 92 7 | | | 218 | 11 4 | | | | | | | 02 | 8 |
| 08 | | | | | | | | | | | | | | |
| 509 | 159 | 88923 | 05 | 24 | 042 | 01992 | 01 | 13 | | | | | 03 | 1 |
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| 10 | | | | | | | | | | | | | | |
| 384 | 942 | 86946 | | | 212 | 01990 | | | 664 | 98999 | | | 03 | 5 |
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| 866 | 957 | 86996 | 28 | 48 | 225 | 05999 | 28 | 52 | | | | | 03 | 5 |
| 11 | | | | | | | | | | | | | | |
| 030 | 951 | 87 2 | 29 | 52 | 220 | 04 0 | 26 | 54 | | | | | 03 | 5 |
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| 648 | 216 | 89470 | 02 | 17 | 143 | 49 0 | 02 | 24 | 562 | ***** | | | 02 | 2 |
| 42 | | | | | | | | | | | | | | |
| 182 | 969 | 78 | | | 248 | 98 | | | | | | | 15 | 8 |
| 339 | 964 | 82 | | | | | | | | | | | 15 | 8 |
| 475 | 101 | 43 | | | | | | | | | | | 15 | 8 |
| 867 | 981 | 71 | | | 269 | 91 | | | 706 | 19*** | | | 15 | 8 |
| 909 | 101 | 43 | | | | | | | | | | | 14 | 8 |
| 43 | | | | | | | | | | | | | | |
| 063 | 966 | 82 | | | | | | | | | | | 14 | 8 |
| 149 | 977 | 81 | | | 255 | 97 | | | | | | | 14 | 8 |
| 279 | 101 | 43 | | | | | | | | | | | 14 | 8 |
| 371 | 101 | 43 | | | | | | | | | | | 15 | 8 |
| 45 | | | | | | | | | | | | | | |
| 007 | 101 | 50 | | | | | | | | | | | 22 | 8 |
| 47 | | | | | | | | | | | | | | |
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| 412 | 189 | 74793 | | | | | | | | | | | 03 | 1 |
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| 590 | 203 | 76911 | | | 230 | 94992 | | | | | | | 03 | 1 |
| 600 | | | | | | | | | | | | | 03 | 1 |

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| 317 | 988 | 25247 | 974 | 30194 | 792 | 15121 | 643 | 04513 | 03 | 1 |
| 327 | 998 | 27232 | 970 | 27197 | 782 | 16094 | 738 | 11547 | 03 | 1 |
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| 405 | 014 | 29243 | 548 | 51596 | 400 | 67791 | 354 | 73887 | 03 | 1 |
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| 534 | 994 | 25221 | 975 | 26213 | 555 | 52594 | 400 | 68721 | 03 | 1 |
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| 553 | 974 | 27234 | 839 | 19155 | 835 | 21152 | 795 | 20016 | 03 | 1 |
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| 655 | 972 | 25225 | 968 | 27223 | 801 | 15137 | 772 | 18061 | 03 | 1 |
| 662 | 897 | 23123 | 885 | 26084 | 871 | 27071 | 842 | 25058 | 03 | 1 |
| 681 | 913 | 21002 | 896 | 23513 | 613 | 01675 | 572 | 51991 | 03 | 1 |
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| 747 | 967 | 19171 | 962 | 24211 | 885 | 19127 | 796 | 12092 | 04 | 1 |
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| 768 | 936 | 18153 | 825 | 13036 | 400 | 75800 | 318 | 88944 | 03 | 1 |
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| 816 | 001 | 14135 | 879 | 10091 | 835 | 09087 | 820 | 10087 | 03 | 1 |
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| 836 | 005 | 24182 | 981 | 27151 | 755 | 08034 | 660 | 05527 | 03 | 1 |
| 867 | 981 | 12089 | 811 | 01523 | 760 | 00526 | 558 | 57657 | 03 | 1 |
| 879 | 937 | 15114 | 400 | 79849 | 238 | 04998 | 145 | 97997 | 03 | 1 |
| 896 | 938 | 17112 | 883 | 12044 | 668 | 55572 | 650 | 53585 | 03 | 1 |
| 906 | 999 | 16140 | 820 | 09072 | 630 | 55588 | 528 | 62748 | 03 | 1 |
| 907 | 000 | 07061 | 939 | 05047 | 922 | 06045 | 856 | 01004 | 03 | 1 |
| 909 | 008 | 15033 | 883 | 08818 | 803 | 03007 | 770 | 01564 | 03 | 1 |
| 913 | 008 | 06052 | 946 | 10092 | 925 | 10083 | 783 | 00502 | 03 | 1 |
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| 917 | 007 | 08029 | 982 | 10027 | 755 | 56586 | 728 | 55675 | 03 | 1 |
| 918 | 008 | 07058 | 966 | 56598 | 734 | 56671 | 675 | 59744 | 03 | 1 |
| 924 | 004 | 02015 | 752 | 61636 | 714 | 60648 | 618 | 67733 | 03 | 1 |
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| 934 | 990 | 19071 | 820 | 09054 | 763 | 03017 | 587 | 58638 | 03 | 1 |
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| 964 | 929 | 13032 | 898 | 10025 | 772 | 03015 | 685 | 53539 | 03 | 1 |
| 968 | 008 | 19075 | 716 | 52593 | 704 | 51608 | 400 | 78855 | 03 | 1 |
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| 072 | 996 | 04022 | 770 | 59594 | 750 | 58598 | 400 | 90995 | 03 | 1 |
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| 090 | 009 | 08034 | 972 | 12012 | 953 | 12513 | 910 | 10501 | 03 | 1 |
| 109 | 019 | 14099 | 942 | 11061 | 865 | 05027 | 823 | 06527 | 03 | 1 |
| 188 | 004 | 12122 | 600 | 61642 | 576 | 58726 | 400 | 74996 | 03 | 1 |
| 76 | | | | | | | | | | |
| 458 | 009 | 30231 | 921 | 23807 | 643 | 06561 | 612 | 03554 | 03 | 1 |
| 491 | 974 | 31170 | | 18101 | 831 | 18091 | 795 | 14074 | 03 | 1 |
| 644 | 014 | 18189 | 948 | 26163 | 625 | 01602 | 613 | 01662 | 03 | 1 |
| 679 | 776 | 97112 | 640 | 04034 | 532 | 55597 | 485 | 58667 | 03 | 1 |
| 78 | | | | | | | | | | |
| 016 | 016 | 26213 | 945 | 20173 | 782 | 08056 | 722 | 11621 | 03 | 1 |
| 325 | | | | | | | | | | |
| 355 | | | | | | | | | | |
| 395 | 012 | 26196 | 865 | 18132 | 832 | 17063 | 812 | 17026 | 03 | 1 |
| 501 | 015 | 27232 | 950 | 22207 | 859 | 17122 | 830 | 18016 | 03 | 1 |
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| 806 | 011 | 25235 | 810 | 13095 | 730 | 11014 | 480 | 59642 | 03 | 1 |
| 972 | 011 | 24233 | 730 | 10037 | 566 | 51599 | 487 | 58721 | 03 | 1 |
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| 050 | | | | | | | | | | |
| 91 | | | | | | | | | | |
| 066 | 020 | 26227 | 752 | 10086 | 703 | 08533 | 651 | 06008 | 03 | 1 |
| 115 | 000 | 27248 | 894 | 19140 | 868 | 09110 | 830 | 11111 | 03 | 1 |
| 182 | 015 | 28183 | 770 | 11515 | 704 | 06034 | 685 | 05522 | 03 | 1 |
| 215 | 002 | 31221 | 990 | 27182 | 950 | 24191 | 753 | 13034 | 03 | 1 |
| 245 | 012 | 30230 | 928 | 21173 | 920 | 22184 | 882 | 19135 | 03 | 1 |
| 275 | 013 | 28199 | 970 | 23186 | 888 | 19028 | 815 | 17567 | 03 | 1 |
| 334 | | | | | | | | | | |
| 366 | | | | | | | | | | |
| 413 | | | | | | | | | | |
| 98 | | | | | | | | | | |
| 645 | 003 | 29235 | 904 | 21179 | 866 | 21125 | 792 | 16114 | 03 | 8 |
| QLL | | OCEAN | STA | | | | | | | |
| 034 | | 25212 | 966 | 20178 | 844 | 14095 | 802 | 14018 | 03 | 9 |
| 035 | 015 | 25234 | 904 | 18157 | 795 | 13507 | 594 | 53572 | 03 | 9 |
| 037 | 018 | 26192 | 905 | 17167 | 855 | 14129 | 825 | 15022 | 02 | 9 |
| 041 | 202 | 20194 | 900 | 14145 | 754 | 10018 | 674 | 03564 | 02 | 5 |
| 044 | 014 | 18185 | 986 | 19195 | 766 | 08081 | 742 | 03011 | 03 | 9 |
| 051 | 018 | 55520 | | | | | | | 08 | 2 |
| 053 | 026 | 10095 | 947 | 08024 | 795 | 52551 | 775 | 50557 | 03 | 9 |
| 054 | 020 | 10085 | 923 | 04045 | 895 | 04004 | 755 | 00612 | 03 | 9 |
| 055 | 012 | 08085 | 948 | 06043 | 918 | 06059 | 448 | 78838 | 03 | 9 |
| 062 | 000 | 53510 | 859 | 36370 | 805 | 36320 | 728 | 23200 | 02 | |
| 063 | 010 | 08080 | 919 | 02012 | 903 | 03026 | 757 | 55571 | 03 | 9 |
| 131 | 012 | 16129 | 980 | 14071 | | | 894 | 21536 | 03 | 9 |
| 134 | 023 | 19187 | 888 | 11101 | 878 | 09072 | 865 | 14071 | 03 | 9 |
| 144 | 027 | 14132 | 868 | 08074 | 820 | 09584 | 792 | 08602 | 03 | 9 |
| 215 | 010 | 30210 | 938 | 23170 | 876 | 21033 | 824 | 19017 | 03 | 9 |
| 223 | 009 | 27 | 932 | 17 | 763 | 11*** | 732 | 08*** | 03 | 1 |
| 235 | 020 | 22 | 807 | 11 | 748 | 10*** | 595 | 52*** | 02 | 1 |
| 246 | 024 | 13114 | 992 | 09098 | 983 | 14149 | 904 | 14132 | 03 | 9 |
| 360 | 007 | 09081 | 860 | 50501 | 800 | 01551 | 648 | 57596 | 03 | 5 |
| **JULY 29** | | | | | | | | | | |
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| 001 | 013 | 03022 | 963 | 51511 | 922 | 04532 | 835 | 01583 | 03 | 8 |
| 030 | 004 | 07049 | 946 | 03027 | 920 | 06031 | 832 | 01586 | 03 | 5 |
| 384 | 977 | 08084 | 964 | 12103 | 873 | 06045 | 826 | 05030 | 03 | 5 |
| 415 | 005 | 13113 | 922 | 07079 | 810 | 01014 | 400 | 84851 | 03 | 8 |
| 02 | | | | | | | | | | |
| 057 | 006 | 07059 | 934 | 05012 | 851 | 51539 | 799 | 00538 | 03 | 8 |
| 077 | 996 | 14126 | 649 | 54588 | 473 | 71733 | 304 | 96994 | 03 | 5 |
| 084 | 003 | 15116 | 925 | 10092 | 888 | 08051 | 745 | 50531 | 03 | 8 |
| 03 | | | | | | | | | | |
| 005 | 993 | 53530 | | | | | | | 02 | 2 |
| 026 | | | | | | | | | | |
| 171 | 009 | 55520 | 433 | 78730 | | 48**0 | 282 | 43**0 | 02 | 7 |
| 476 | 013 | 57520 | | | | | | | 02 | 2 |
| 743 | 003 | 58550 | | | | | | | 02 | 2 |
| 808 | 011 | 59560 | | | | | | | 02 | 2 |
| 917 | 008 | 54520 | | | | | | | 02 | 2 |
| 953 | 020 | 58 0 | 833 | 36 0 | 797 | 39**0 | 747 | 30**0 | 03 | 2 |
| 04 | | | | | | | | | | |
| 018 | 000 | 10108 | 973 | 11104 | 400 | 84922 | 353 | 90984 | 03 | 1 |
| 202 | 007 | 09022 | 667 | 60623 | 652 | 59626 | 400 | 85907 | 03 | 1 |
| 231 | 007 | 07517 | 036 | 11607 | 811 | 02535 | 781 | 00628 | 03 | 1 |
| 270 | 015 | 05034 | 922 | 04022 | 875 | 04031 | 683 | 57655 | 03 | 1 |
| 06 | | | | | | | | | | |
| 260 | 016 | 13127 | 980 | 14120 | 965 | 14131 | 936 | 15070 | 03 | 8 |
| 447 | 006 | 14135 | 983 | 13112 | 930 | 13105 | 795 | 05020 | 03 | 8 |
| 610 | 962 | 16151 | 947 | 20148 | 902 | 19129 | 788 | 10104 | 05 | 5 |
| 07 | | | | | | | | | | |
| 110 | 101 | 17151 | 100 | 17141 | 955 | 14112 | 939 | 14102 | 02 | 5 |
| 145 | 001 | 12118 | 970 | 14140 | 938 | 12113 | 920 | 12111 | 02 | 8 |
| 190 | 001 | 15113 | 980 | 18161 | 950 | 17141 | 860 | 10081 | 02 | 8 |
| 480 | 995 | 23164 | 972 | 25181 | 784 | 13102 | 700 | 09060 | 02 | 8 |
| 510 | 015 | 15157 | 000 | 21194 | 965 | 21175 | 925 | 19125 | 02 | 5 |
| 645 | 011 | 21151 | 980 | 20130 | 955 | 20021 | 908 | 21620 | 02 | 8 |
| 08 | | | | | | | | | | |
| 509 | 015 | 21176 | 867 | 11115 | 840 | 09011 | 808 | 13004 | 03 | 1 |
| 521 | 008 | 24185 | 912 | 15136 | 900 | 16995 | 880 | 19028 | 14 | 8 |
| 536 | 007 | 35082 | 976 | 27038 | 900 | 25510 | 624 | 50542 | 14 | 8 |
| 10 | | | | | | | | | | |
| 384 | 010 | 14106 | 952 | 12100 | 805 | 03508 | 750 | 03656 | 03 | 5 |
| 419 | 988 | 56500 | | 60550 | 962 | 60510 | 788 | 40260 | 02 | 2 |
| 633 | 003 | 14117 | 822 | 05059 | 760 | 04638 | 692 | 02682 | 03 | 5 |
| 866 | 959 | 17135 | 924 | 18086 | 808 | 12102 | 742 | 06056 | 03 | 5 |
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| 030 | 996 | 20171 | 943 | 20129 | 756 | 07079 | 664 | 50503 | 03 | 5 |
| 567 | 985 | 17092 | 810 | 06034 | 655 | 02744 | 262 | 89994 | 05 | 5 |
| 40 | | | | | | | | | | |
| 648 | 992 | 84400 | 136 | 19 0 | 075 | 98**0 | 068 | 01**0 | 02 | 2 |
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| 182 | 973 | 3027 | 565 | 06 | 460 | 55*** | 394 | 64*** | 15 | 8 |
| 339 | 975 | 2925 | 950 | 2722 | 745 | 1212* | 611 | 0303* | 15 | 8 |
| 475 | 896 | 2927 | 926 | 2525 | 595 | 0202* | | | 15 | 8 |
| 867 | 966 | 2622 | 250 | 81 | 150 | 07*** | 100 | 19*** | 15 | 8 |
| 909 | 999 | 2724 | 937 | 2321 | 833 | 1717* | 565 | 0301* | 14 | 8 |
| 43 | | | | | | | | | | |
| 063 | 941 | 2521 | 885 | 1917 | 651 | 0903* | 350 | 74*** | 14 | 8 |
| 149 | 994 | 2824 | 750 | 1512 | 350 | 71*** | 200 | 97*** | 14 | 8 |
| 279 | 001 | 2922 | 983 | 2822 | 940 | 2821* | 624 | 0505* | 14 | 8 |
| 371 | 001 | 2323 | 600 | 0202 | | | | | 15 | 8 |
| 45 | | | | | | | | | | |
| 007 | 003 | 27250 | 950 | 26830 | 900 | 24200 | 800 | 16110 | 22 | 8 |
| 47 | | | | | | | | | | |
| 401 | 020 | 18118 | 930 | 13071 | 809 | 09024 | 588 | 00619 | 04 | 1 |
| 412 | 015 | 18159 | 993 | 15127 | 766 | 08053 | 613 | 02017 | 03 | 1 |
| 580 | 012 | 21191 | 960 | 18176 | 923 | 21209 | 640 | 10624 | 03 | 1 |
| 590 | 008 | 27231 | 960 | 22217 | 600 | 05529 | 400 | 63742 | 03 | 1 |
| 600 | 009 | 29236 | 881 | 22168 | 768 | 16098 | 668 | 10027 | 03 | 1 |

## RADIOSONDE AND RAWINSONDE DATA.
### SIGNIFICANT LEVELS

| Index No. iii | 1st. 5th. etc. Level PPP | TTTTT ddx | 2nd. 6th. etc. Level PPP | TTTTT ddx | 3rd. 7th. etc. Level PPP | TTTTT ddx | 4th. 8th. etc. Level PPP | TTTTT ddx | Hour GG | Code Type |
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| 278 | 684 | 09531 | 668 | 12621 | 400 | 68847 | 266 | 90973 | 03 | 1 |
| 304 | 562 | 01685 | 429 | 62781 | 400 | 66803 | 860 | 89007 | 03 | 1 |
| 317 | 588 | 03656 | 496 | 54711 | 400 | 67990 | 220 | 00990 | 03 | 1 |
| 327 | 630 | 04662 | 603 | 02999 | 559 | 51701 | 545 | 53611 | 03 | 1 |
| 340 | 565 | 01561 | 400 | 65792 | 322 | 74848 | | | 03 | 1 |
| 353 | 432 | 62694 | 420 | 63764 | 400 | 66801 | 378 | 69797 | 03 | 1 |
| 365 | 514 | 55721 | 407 | 69834 | 400 | 67821 | 136 | 20995 | 03 | 1 |
| 386 | 592 | 02691 | 568 | 01994 | 527 | 53724 | 468 | 60775 | 03 | 1 |
| 394 | 882 | 20559 | 796 | 18585 | 400 | 67996 | 141 | 13991 | 03 | 1 |
| 405 | 272 | 88992 | 148 | 14994 | 120 | 19993 | 111 | 17990 | 03 | 1 |
| 445 | 593 | 02593 | 570 | 00621 | 554 | 51576 | 435 | 63738 | 03 | 1 |
| 451 | 482 | 59743 | 400 | 65759 | 246 | 89969 | 142 | 18995 | 03 | 1 |
| 476 | 400 | 69990 | 158 | 10999 | 117 | 16992 | 087 | 14992 | 03 | 1 |
| 486 | 400 | 70993 | 278 | 89995 | 148 | 14995 | 140 | 12998 | 03 | 1 |
| 493 | 781 | 15585 | 520 | 55737 | 465 | 62789 | 400 | 70997 | 03 | 1 |
| 506 | 644 | 04531 | 602 | 01657 | 578 | 00611 | 400 | 68808 | 03 | 1 |
| 518 | 400 | 67714 | 288 | 83964 | 250 | 90990 | 133 | 16996 | 03 | 1 |
| 520 | 630 | 04565 | 592 | 01543 | 471 | 60675 | 454 | 61749 | 03 | 1 |
| 528 | 354 | 74831 | 269 | 89972 | 149 | 14990 | 110 | 18992 | 03 | 1 |
| 534 | 281 | 87931 | 133 | 18995 | 110 | 15999 | | | 03 | 1 |
| 536 | 600 | 01578 | 400 | 70781 | 354 | 76909 | 285 | 88993 | 03 | 1 |
| 553 | 679 | 10584 | 636 | 05536 | 560 | 53621 | 400 | 72814 | 03 | 1 |
| 562 | 458 | 63795 | 400 | 70998 | 297 | 88990 | | | 03 | 1 |
| 576 | 400 | 70990 | 288 | 89997 | 182 | 11991 | 176 | 06994 | 03 | 1 |
| 597 | 573 | 52655 | 564 | 51728 | 431 | 66823 | 400 | 70852 | 03 | 1 |
| 600 | 803 | 10059 | 777 | 10507 | 755 | 09521 | 727 | 06029 | 03 | 1 |
| 606 | 512 | 57582 | 400 | 65774 | 07 | 9891* | 528 | 9997* | 03 | 1 |
| 655 | 604 | 01575 | 559 | 53597 | 510 | 59658 | 483 | 60751 | 03 | 1 |
| 662 | 530 | 56593 | 400 | 69784 | 322 | 81938 | 282 | 88999 | 03 | 1 |
| 681 | 535 | 53708 | 425 | 66762 | 400 | 68827 | 314 | 82931 | 03 | 1 |
| 712 | 426 | 63729 | 400 | 67821 | 373 | 70804 | 337 | 75877 | 03 | 1 |
| 734 | | | | | | | | | | |
| 747 | 732 | 09548 | 534 | 56627 | 446 | 65803 | 400 | 71990 | 04 | 1 |
| 764 | 284 | 89952 | 206 | 04996 | 188 | 08992 | | | 03 | 1 |
| 768 | 230 | 05996 | 197 | 97993 | 130 | 98996 | | | 03 | 1 |
| 775 | 267 | 95991 | 112 | 03998 | | | | | 03 | 1 |
| 785 | 630 | 52719 | 414 | 76995 | 400 | 76991 | 390 | 76999 | 03 | 1 |
| 798 | 760 | 02526 | 715 | 01521 | 655 | 51678 | 615 | 54609 | 03 | 1 |
| 807 | 860 | 11065 | 806 | 09052 | 774 | 09086 | 648 | 10150 | 02 | 1 |
| 815 | 760 | 08524 | 672 | 01689 | 615 | 00996 | 580 | 00704 | 03 | 1 |
| 816 | 765 | 09032 | 698 | 02516 | 675 | 03532 | 571 | 53690 | 03 | 1 |
| 826 | 642 | 50608 | 621 | 51673 | 557 | 55993 | 548 | 54998 | 03 | 1 |
| 836 | 618 | 00584 | 587 | 51617 | 535 | 57621 | 507 | 56605 | 03 | 1 |
| 867 | 400 | 74835 | 240 | 01993 | 192 | 00995 | 174 | 96996 | 03 | 1 |
| 879 | 101 | 58 | | | | | | | 03 | 1 |
| 896 | 400 | 79911 | 320 | 89004 | 253 | 98999 | 101 | 47*** | 03 | 1 |
| 906 | 400 | 75994 | 305 | 90990 | 196 | 90994 | 101 | 58*** | 03 | 1 |
| 907 | 837 | 11505 | 820 | 02501 | 732 | 50541 | 717 | 00541 | 03 | 1 |
| 909 | 666 | 55608 | 580 | 61779 | 400 | 76996 | 360 | 78994 | 03 | 1 |
| 913 | 610 | 59639 | 580 | 59637 | 400 | 77803 | 318 | 90943 | 03 | 1 |
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| 917 | 554 | 68705 | 400 | 85888 | 360 | 90933 | 245 | 02994 | 03 | 1 |
| 918 | 640 | 62715 | 475 | 76907 | 400 | 85999 | 266 | 03990 | 03 | 1 |
| 924 | 400 | 89950 | 322 | 98995 | 245 | 88990 | 103 | 91992 | 03 | 1 |
| 926 | | | | | | | | | | |
| 934 | 400 | 79874 | 217 | 09953 | 192 | 00997 | 080 | 96992 | 03 | 1 |
| 938 | | | | | | | | | | |
| 945 | 686 | 51541 | 640 | 53571 | 446 | 71755 | 400 | 78803 | 03 | 1 |
| 964 | 101 | 58 | | | | | | | 03 | 1 |
| 968 | 231 | 02992 | 082 | 90998 | 101 | 55*** | | | 03 | 1 |
| 74 | | | | | | | | | | |
| 043 | 555 | 64797 | 400 | 83949 | 243 | 06992 | 055 | 93992 | 03 | 1 |
| 072 | 334 | 95996 | 234 | 87998 | 134 | 89994 | | | 03 | 1 |
| 074 | 546 | 74834 | 400 | 89934 | 342 | 97990 | 113 | 90990 | 03 | 1 |
| 090 | 750 | 52593 | 645 | 59731 | 400 | 82939 | 343 | 90990 | 03 | 1 |
| 109 | 684 | 00623 | 664 | 51573 | 683 | 53603 | | | 03 | 1 |
| 188 | 266 | 97996 | 193 | 63991 | 101 | 58*** | | | 03 | 1 |
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| 458 | 580 | 09581 | 535 | 52679 | 486 | 56627 | 449 | 60692 | 03 | 1 |
| 491 | 724 | 80530 | 647 | 05625 | 526 | 53726 | 541 | 63684 | 02 | 1 |
| 644 | 565 | 52595 | 400 | 67837 | 277 | 88007 | 119 | 26993 | 03 | 1 |
| 679 | 425 | 64698 | 400 | 67805 | 367 | 73821 | 358 | 73852 | 03 | 1 |
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| 016 | 542 | 51645 | 400 | 66807 | 101 | 55*** | | | 03 | 1 |
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| 395 | 648 | 23559 | 477 | 06585 | 597 | 51785 | 574 | 51706 | 03 | 1 |
| 501 | 760 | 15547 | 624 | 00572 | 559 | 53711 | 486 | 57733 | 03 | 1 |
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| 741 | | | 550 | 51551 | 510 | 54683 | 400 | 66933 | 03 | 1 |
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| 972 | 400 | 69990 | 272 | 90990 | 175 | 12999 | 147 | 15990 | 03 | 1 |
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| 050 | | | | | | | | | | |
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| 066 | 570 | 00667 | 534 | 03990 | 400 | 19993 | 280 | 90990 | 03 | 1 |
| 115 | 810 | 16111 | 750 | 12081 | 675 | 07565 | 610 | 02536 | 03 | 1 |
| 182 | 670 | 05635 | 629 | 03999 | 580 | 01663 | 442 | 64781 | 03 | 1 |
| 215 | 652 | 07614 | 623 | 04588 | 510 | 54705 | 448 | 57739 | 03 | 1 |
| 245 | 864 | 18087 | 839 | 16134 | 785 | 15092 | 755 | 12089 | 03 | 1 |
| 275 | 692 | 09519 | 675 | 08614 | 400 | 65995 | 355 | 72997 | 03 | 1 |
| 334 | | | | | | | | | | |
| 366 | | | | | | | | | | |
| 413 | | | | | | | | | | |
| 98 | | | | | | | | | | |
| 645 | 663 | 09536 | 606 | 04544 | 480 | 53335 | 473 | 56739 | 03 | 8 |
| QLL | | OCEAN | STA | | | | | | | |
| 034 | 741 | 09506 | 695 | 06584 | 658 | 02592 | 623 | 00678 | 03 | 9 |
| 035 | 567 | 54659 | 542 | 57635 | 425 | 68836 | 400 | 71793 | 03 | 9 |
| 037 | 771 | 16532 | 596 | 01559 | 428 | 62752 | 400 | 65995 | 02 | 9 |
| 041 | 650 | 03566 | 638 | 01591 | 597 | 00612 | 485 | 60731 | 02 | 5 |
| 044 | 736 | 02008 | 786 | 05038 | 710 | 04036 | 686 | 51541 | 03 | 9 |
| 051 | | | | | | | | | | |
| 053 | 718 | 53624 | 664 | 57603 | 597 | 61657 | | | 03 | 9 |
| 054 | 625 | 60729 | 601 | 61688 | 530 | 67743 | 466 | 73801 | 03 | 9 |
| 055 | 404 | 81906 | 339 | 89017 | 263 | 98993 | | | 03 | 9 |
| 062 | 271 | 36 0 | 234 | 50 0 | 212 | 54**0 | 117 | 49**0 | 02 | |
| 063 | 726 | 55731 | 567 | 64818 | 463 | 77833 | 434 | 78866 | 03 | 9 |
| 131 | 800 | 18502 | 650 | 09996 | 400 | 66998 | 274 | 88993 | 03 | 9 |
| 134 | 822 | 12557 | 763 | 09002 | 596 | 00707 | 400 | 68996 | 03 | 9 |
| 144 | 725 | 03516 | 650 | 50608 | 605 | 54604 | 544 | 57664 | 03 | 9 |
| 215 | 770 | 15523 | 632 | 04751 | 582 | 01595 | 510 | 54601 | 03 | 9 |
| 223 | 588 | 00 | 389 | 65 | 147 | 09*** | 121 | 01*** | 03 | 1 |
| 235 | 583 | 51 | 328 | 69 | 256 | 82*** | 151 | 03*** | 02 | 1 |
| 246 | 825 | 10107 | 779 | 07049 | 733 | 09608 | 726 | 08713 | 03 | 9 |
| 360 | 517 | 67689 | 400 | 81822 | 350 | 89911 | | | 03 | 5 |
| **JULY 29** | | | | | | | | | | |
| 01 | | | | | | | | | | |
| 001 | 723 | 57567 | 657 | 61701 | 592 | 67752 | 548 | 24823 | 03 | 8 |
| 030 | 761 | 50606 | 400 | 87956 | 250 | 12**0 | 190 | 00**3 | 03 | 5 |
| 384 | 558 | 66697 | 538 | 66704 | 400 | 83873 | 273 | 05*** | 03 | 5 |
| 415 | 271 | 04998 | 219 | 97994 | 162 | 95998 | | | 03 | 8 |
| 02 | | | | | | | | | | |
| 057 | 855 | 05999 | 214 | 96994 | 167 | 93993 | 082 | 90995 | 03 | 8 |
| 077 | 272 | 98996 | 199 | 91998 | 096 | 90995 | | | 03 | 5 |
| 084 | 712 | 51558 | 662 | 56599 | 572 | 62674 | 549 | 65715 | 03 | 8 |
| 03 | | | | | | | | | | |
| 005 | | | | | | | | | | |
| 026 | | | | | | | | | | |
| 171 | 138 | | 115 | 51 0 | | | | | 02 | 7 |
| 476 | | | | | | | | | | |
| 743 | | | | | | | | | | |
| 808 | | | | | | | | | | |
| 917 | | | | | | | | | | |
| 953 | 650 | 26 0 | 545 | 10 0 | 437 | 97**0 | 214 | 31**0 | 03 | 2 |
| 04 | | | | | | | | | | |
| 018 | 256 | 04997 | | | | | | | 03 | 1 |
| 202 | 368 | 99594 | 254 | 05997 | 722 | 96993 | 158 | 94994 | 03 | 1 |
| 231 | 636 | 62656 | 608 | 62718 | 589 | 63796 | 400 | 82993 | 03 | 1 |
| 270 | 610 | 63691 | 525 | 70758 | 400 | 83958 | 360 | 90990 | 03 | 1 |
| 06 | | | | | | | | | | |
| 260 | 904 | 12048 | 844 | 08023 | 774 | 03507 | 725 | 50526 | 03 | 8 |
| 447 | 765 | 05528 | 475 | 64681 | 463 | 64671 | 220 | 02**5 | 03 | 8 |
| 610 | 752 | 08040 | 719 | 06518 | 687 | 04533 | 649 | 02573 | 05 | 5 |
| 07 | | | | | | | | | | |
| 110 | 910 | 12076 | 840 | 08032 | 822 | 08042 | 766 | 04022 | 02 | 5 |
| 145 | 821 | 08053 | 755 | 08542 | 720 | 06582 | 687 | 06552 | 02 | 8 |
| 190 | 822 | 10073 | 738 | 03005 | 647 | 00542 | 536 | 58644 | 02 | 8 |
| 480 | 557 | 51569 | 500 | 55614 | 372 | 71794 | | | 02 | 8 |
| 510 | 850 | 15074 | 792 | 13052 | 766 | 12022 | 655 | 08562 | 02 | 5 |
| 645 | 890 | 21612 | 836 | 18636 | 825 | 15668 | 750 | 10698 | 02 | 8 |
| 08 | | | | | | | | | | |
| 509 | 765 | 09575 | 738 | 08559 | 570 | 54661 | 400 | 72805 | 03 | 1 |
| 521 | 864 | 2154 | 710 | 1160 | 641 | 03615 | 620 | 03661 | 14 | 8 |
| 536 | 572 | 54601 | 560 | 51695 | 450 | 62787 | 400 | 68997 | 14 | 8 |
| 10 | | | | | | | | | | |
| 384 | 625 | 50712 | 650 | 00994 | 514 | 61785 | 400 | 74781 | 03 | 5 |
| 419 | | 41160 | 540 | 14840 | 426 | 95700 | 275 | 52**0 | 02 | 2 |
| 633 | 652 | 00999 | 624 | 50693 | 586 | 52639 | 537 | 58702 | 03 | 5 |
| 866 | 665 | 01533 | 617 | 50694 | 494 | 61684 | 400 | 71798 | 03 | 5 |
| 11 | | | | | | | | | | |
| 030 | 622 | 52616 | 604 | 54602 | 562 | 55729 | 440 | 68725 | 03 | 5 |
| 567 | 217 | 00998 | 173 | 05990 | 158 | 02998 | 142 | 02997 | 05 | 5 |
| 40 | | | | | | | | | | |
| 648 | 062 | 26 0 | | | | | | | 02 | 2 |
| 42 | | | | | | | | | | |
| 182 | 382 | 64 | 140 | 13 | | | | | 15 | 8 |
| 339 | 593 | 0303 | 417 | 66 | 315 | 78*** | 253 | 95*** | 15 | 8 |
| 475 | | | | | | | | | | |
| 867 | | | | | | | | | | |
| 909 | 539 | 0051 | 426 | 59 | | | | | 14 | 8 |
| 43 | | | | | | | | | | |
| 063 | 275 | 86 | | | | | | | 14 | 8 |
| 149 | | | | | | | | | | |
| 279 | 445 | 56 | | | | | | | 14 | 8 |
| 371 | | | | | | | | | | |
| 45 | | | | | | | | | | |
| 007 | 750 | 14050 | 650 | 08650 | 600 | 07750 | 550 | 08730 | 22 | 8 |
| 47 | | | | | | | | | | |
| 401 | 403 | 67792 | 371 | 72854 | 245 | 90995 | 156 | 97993 | 04 | 1 |
| 412 | 467 | 57622 | 417 | 59641 | 376 | 63687 | 209 | 92996 | 03 | 1 |
| 580 | 620 | 08026 | 580 | 06651 | 400 | 58996 | 248 | 80999 | 03 | 1 |
| 590 | 283 | 79933 | 143 | | | | | | 03 | 1 |
| 600 | 527 | 50634 | 461 | 57711 | 403 | 62752 | 280 | 76894 | 03 | 1 |

JULY 29

## RADIOSONDE AND RAWINSONDE DATA

| Index No. iii | Station Name | 1000 mb. hhh | TTTTT ddx | dd | ff | 850 mb. hhh | TTTTT ddx | dd | ff | 700 mb. hhh | TTTTT ddx | dd | ff | 500 mb. hhh | TTTTT ddx | dd | ff | Hour GG | Code Type |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 635 | NAGOYA | 029 | 25244 | 14 | 17 | 493 | 18174 | 14 | 17 | 034 | 11092 | 17 | 34 | 935 | 53561 | 18 | 26 | 04 | 1 |
| 671 | TOKYO | 042 | 27247 | 15 | 20 | 509 | 19155 | 20 | 22 | 051 | 11502 | 19 | 15 | 950 | 52999 | 16 | 10 | 03 | 1 |
| 744 | YONAGO | 035 | 27249 | | | 498 | 19144 | | | 035 | 09054 | | | 931 | 54569 | | | 03 | 1 |
| 808 | ITAZUKE | 032 | 31244 | 25 | 8 | 508 | 21173 | 11 | 15 | 049 | 12074 | 10 | 13 | 952 | 51991 | 14 | 12 | 03 | 1 |
| 827 | KAGOSHIMA | 033 | 31231 | 17 | 6 | 500 | 19149 | | | 044 | 10009 | 15 | 38 | 943 | 54651 | 15 | 19 | 03 | 1 |
| | BLOCK 60 | | | | | | | | | | | | | | | | | | |
| 120 | PORT LYAUTEY | 035 | 23211 | | | 499 | 27887 | | | 041 | 08996 | | | 925 | 59995 | | | 03 | 6 |
| 390 | M BLANCHE | 151 | 20182 | 18 | 4 | 560 | 14045 | 14 | 5 | 463 | 03583 | 10 | 8 | 803 | 63771 | 06 | 19 | 02 | 5 |
| | BLOCK 61 | | | | | | | | | | | | | | | | | | |
| 642 | DAKAR OUAKAM | 100 | 25222 | 32 | 8 | 520 | 20135 | 31 | 4 | 172 | 12040 | 08 | 9 | 880 | 58647 | 08 | 30 | 07 | 5 |
| | BLOCK 62 | | | | | | | | | | | | | | | | | | |
| 053 | BENINA | 042 | | | | 509 | 72340 | | | 051 | 51150 | | | 938 | 24722 | | | 02 | 7 |
| | BLOCK 70 | | | | | | | | | | | | | | | | | | |
| 026 | BARROW | | | | | | | | | | | | | | | | | | |
| 133 | KOTZEBUE | | | | | | | | | | | | | | | | | | |
| 200 | NOME | | | | | | | | | | | | | | | | | | |
| 219 | BETHEL | | | | | | | | | | | | | | | | | | |
| 261 | FRBNKS WEEKS | | | | | | | | | | | | | | | | | | |
| 273 | ANCH MERRILL | | | | | | | | | | | | | | | | | | |
| 291 | NORTHWAY | | | | | | | | | | | | | | | | | | |
| 350 | KODIAK | | | | | | | | | | | | | | | | | | |
| 361 | YAKUTAT | | | | | | | | | | | | | | | | | | |
| 381 | JUNEAU | | | | | | | | | | | | | | | | | | |
| 398 | ANNETTE IS | | | | | | | | | | | | | | | | | | |
| 439 | AMCHITKA | | | | | | | | | | | | | | | | | | |
| 454 | LONGVIEW | | | | | | | | | | | | | | | | | | |
| | BLOCK 72 | | | | | | | | | | | | | | | | | | |
| 202 | MIAMI | 053 | 25214 | 09 | 2 | 517 | 17071 | 02 | 14 | 052 | 07006 | 07 | 15 | 937 | 57737 | 09 | 15 | 03 | 1 |
| 208 | CHARLESTON | 051 | 28222 | 19 | 4 | 521 | 21132 | 01 | 11 | 061 | 08051 | 04 | 14 | 953 | 53667 | 03 | 8 | 03 | 1 |
| 211 | TAMPA | 057 | 25213 | 01 | 7 | 523 | 18143 | 05 | 9 | 060 | 09565 | 05 | 12 | 947 | 57717 | 08 | 25 | 03 | 1 |
| 219 | ATLANTA | 054 | | | | 524 | 19158 | | | 065 | 11582 | | | 958 | 55998 | | | 03 | 1 |
| 231 | NEW ORLEANS | 053 | 27241 | 26 | 9 | 520 | 18146 | 02 | 8 | 058 | 10563 | 05 | 3 | 951 | 56990 | 09 | 9 | 03 | 1 |
| 240 | LAKE CHARLES | 054 | 26237 | | | 519 | 18114 | | | 057 | 09526 | | | 948 | 55709 | | | 03 | 1 |
| 250 | BROWNSVILLE | 049 | 26248 | 14 | 15 | 514 | 19507 | 17 | 21 | 053 | 09584 | 18 | 17 | 940 | 57690 | 14 | 7 | 03 | 1 |
| 253 | SAN ANTONIO | 049 | | | | 515 | 19152 | 16 | 15 | 056 | 09017 | 19 | 15 | 947 | 56624 | 31 | 3 | 03 | 1 |
| 259 | FT WORTH | 042 | | | | 511 | 20141 | 18 | 6 | 050 | 10628 | 18 | 2 | 938 | 05659 | 00 | | 03 | 1 |
| 265 | BIG SPRING | 036 | | | | 507 | 21157 | 19 | 25 | 049 | 10058 | 20 | 12 | 942 | 56722 | 26 | 5 | 03 | 1 |
| 270 | EL PASO | 018 | | | | 500 | 27115 | | | 050 | 13034 | | | 946 | 57647 | | | 04 | 1 |
| 278 | PHOENIX | 020 | | | | 501 | 27091 | 29 | 12 | 048 | 15013 | 13 | 5 | 946 | 54702 | 26 | 6 | 03 | 1 |
| 304 | HATTERAS | 050 | 26244 | 23 | 7 | 517 | 19133 | 02 | 12 | 056 | 09517 | 03 | 16 | 943 | 56732 | 35 | 10 | 03 | 1 |
| 317 | GREENSBORO | 052 | | | | 522 | 20151 | 33 | 8 | 061 | 09015 | 01 | 4 | 953 | 55728 | 34 | 13 | 03 | 1 |
| 327 | NASHVILLE | 054 | | | | 520 | 18142 | 17 | 10 | 056 | 09033 | 21 | 5 | 948 | 56601 | 27 | 10 | 03 | 1 |
| 340 | LITTLE ROCK | 052 | 27228 | 18 | 5 | 521 | 19144 | 20 | 10 | 062 | 11515 | 23 | 9 | 957 | 53996 | 23 | 5 | 03 | 1 |
| 353 | OKLAHOMA CTY | 038 | | | | 510 | 21124 | 20 | 25 | 050 | 10027 | 24 | 9 | 944 | 55687 | 25 | 8 | 03 | 1 |
| 365 | ALBUQUERQUE | 005 | | | | 492 | | | | 048 | 17013 | 34 | 4 | 949 | 55704 | 34 | 10 | 03 | 1 |
| 386 | LAS VEGAS | 010 | | | | 494 | 29051 | 21 | 16 | 044 | 12543 | 16 | 8 | 938 | 55699 | 25 | 27 | 03 | 1 |
| 394 | SANTA MARIA | 040 | 13114 | 31 | 5 | 492 | 16557 | 19 | 15 | 026 | 09991 | 15 | 17 | 907 | 59991 | 20 | 40 | 03 | 1 |
| 405 | WASHINGTON | 046 | 32267 | 28 | 13 | 517 | 19148 | 32 | 17 | 056 | 09031 | 33 | 11 | 946 | 56718 | | | 03 | 1 |
| 445 | COLUMBIA | 042 | | | | 514 | 19158 | 24 | 20 | 055 | 10014 | 27 | 6 | 944 | 57666 | 25 | 13 | 03 | 1 |
| 451 | DODGE CITY | 026 | | | | 503 | 25154 | 19 | 33 | 052 | 13024 | 21 | 6 | 948 | 57742 | 01 | 12 | 03 | 1 |
| 476 | GRAND JUNC | 010 | | | | 490 | 28501 | 29 | 10 | 045 | 15557 | 26 | 16 | 940 | 58698 | 22 | 21 | 03 | 1 |
| 486 | ELY | 013 | | | | 490 | | | | 041 | 13527 | 24 | 6 | 930 | 58699 | 26 | 8 | 03 | 1 |
| 493 | OAKLAND | 038 | 14101 | 29 | 11 | 493 | 19031 | 17 | 14 | 034 | 10602 | 17 | 10 | 922 | 59990 | 17 | 15 | 03 | 1 |
| 506 | NANTUCKET | 034 | 26222 | 25 | 10 | 503 | 20154 | 28 | 13 | 042 | 08044 | 31 | 12 | 929 | 57616 | 31 | 10 | 03 | 1 |
| 518 | ALBANY | 034 | 23211 | 27 | 5 | 497 | 17134 | 31 | 31 | 034 | 09051 | 28 | 20 | 926 | 55606 | | | 03 | 1 |
| 520 | PITTSBURGH | 048 | | | | 515 | 18108 | 30 | 16 | 052 | 08517 | 29 | 11 | 941 | 56668 | | | 03 | 1 |
| 528 | BUFFALO | 041 | | | | 508 | 18149 | 27 | 22 | 048 | 09546 | | | 932 | 58752 | | | 03 | 1 |
| 534 | CHICAGO | 039 | | | | 508 | 20049 | 26 | 20 | 049 | 09047 | 25 | 19 | 939 | 56677 | | | 03 | 1 |
| 536 | TOLEDO | 044 | | | | 514 | 19132 | 21 | 20 | 052 | 09537 | 27 | 22 | 944 | 57690 | | | 03 | 1 |
| 553 | OMAHA | 030 | | | | 503 | 22132 | 26 | 10 | 049 | 12991 | 19 | 5 | 940 | 59997 | 20 | 2 | 03 | 1 |
| 562 | N PLATTE | 029 | | | | 501 | 22144 | 07 | 16 | 047 | 13003 | 22 | 9 | 939 | 60649 | 27 | 16 | 03 | 1 |
| 576 | LANDER | 033 | | | | 500 | | | | 041 | 10511 | 32 | 13 | 923 | 61654 | 23 | 41 | 04 | 1 |
| 597 | MEDFORD | 035 | | | | 498 | 16064 | 02 | 6 | 034 | 07509 | 15 | 10 | 914 | 60992 | 21 | 19 | 03 | 1 |
| 606 | PORTLAND | 024 | 26197 | 26 | 6 | 495 | 22113 | 27 | 17 | 050 | 09042 | 26 | 15 | 944 | 54649 | 30 | 18 | 03 | 1 |
| 655 | ST CLOUD | 030 | | | | 493 | 15055 | 30 | 28 | 030 | 11991 | 26 | 38 | 923 | 56999 | 26 | 47 | 03 | 1 |
| 662 | RAPID CITY | 044 | | | | 508 | 18061 | 01 | 8 | 042 | 05011 | 23 | 14 | 924 | 58707 | 27 | 44 | 03 | 1 |
| 681 | BOISE | 029 | | | | 499 | 22012 | 33 | 12 | 039 | 10614 | 29 | 18 | 922 | 59752 | 26 | 26 | 03 | 1 |
| 712 | CARIBOU | 016 | | | | 495 | 20143 | 25 | 21 | 022 | 09040 | 24 | 25 | 912 | 55644 | 25 | 27 | 03 | 1 |
| 734 | SAULT MARIE | 034 | | | | 494 | 18101 | | | 027 | 05037 | | | 906 | 58993 | | | 04 | 1 |
| 747 | INTL FALLS | 025 | | | | 478 | 10086 | 32 | 21 | 004 | 04543 | 27 | 33 | 882 | 60992 | 26 | 45 | 03 | 1 |
| 764 | BISMARCK | 052 | | | | 503 | 10062 | 33 | 15 | 025 | 04542 | 30 | 28 | 898 | 61755 | 27 | 46 | 03 | 1 |
| 768 | GLASGOW | 054 | | | | 508 | 13043 | | | 035 | 03515 | | | 899 | 64999 | | | 04 | 1 |
| 775 | GREAT FALLS | 048 | | | | 505 | 15023 | 11 | 7 | 033 | 03540 | 28 | 13 | 900 | 64991 | 28 | 21 | 03 | 1 |
| 785 | SPOKANE | 045 | | | | 510 | 16013 | 04 | 9 | 036 | 02571 | 30 | 8 | 908 | 61753 | 31 | 17 | 03 | 1 |
| 798 | TATOOSH IS | 062 | 09098 | 28 | 8 | 509 | 10051 | 02 | 11 | 035 | 03544 | 32 | 17 | 906 | 61695 | 31 | 25 | 03 | 1 |
| 816 | GOOSE | 010 | | | | 469 | 16086 | 26 | 10 | 001 | 05002 | 27 | 19 | 874 | 61652 | 27 | 30 | 03 | 1 |
| 826 | NITCHEQUON | 503 | | | | 456 | 02103 | | | 978 | 02601 | | | 853 | 58977 | | | 03 | 1 |
| 906 | FT CHIMO | 002 | | | | 438 | 11093 | | | 961 | 02587 | | | 824 | 65751 | | | 03 | 1 |
| 909 | UP FROBISHER | 101 | 58 | | | | | | | *** | ***** | | | *** | ***** | | | 03 | 1 |
| | BLOCK 74 | | | | | | | | | | | | | | | | | | |
| 188 | MINGAN L PT | 016 | 15131 | 07 | 5 | 476 | 17066 | 24 | 15 | 007 | 06531 | 26 | 27 | 887 | 58990 | 30 | 21 | 04 | 1 |
| | BLOCK 76 | | | | | | | | | | | | | | | | | | |
| 458 | MAZATLAN | 034 | 28241 | | | 501 | 18152 | | | 039 | 09029 | | | 931 | 56623 | | | 02 | 1 |
| 491 | C VICTORIA | 040 | | | | 510 | 18095 | | | 047 | 07531 | | | 930 | 57724 | | | 02 | 1 |
| 644 | MERIDA | 049 | 26222 | | | 517 | 19085 | | | 054 | 09712 | | | 937 | 58722 | | | 03 | 1 |
| 679 | TACUBAYA | 034 | | | | 503 | | | | 043 | 06067 | | | 924 | 58602 | | | 03 | 1 |
| | BLOCK 78 | | | | | | | | | | | | | | | | | | |
| 016 | KINDLEY FLD | 047 | 23191 | 09 | 7 | 504 | 13107 | 34 | 5 | 036 | 08581 | 31 | 3 | 926 | 58665 | 35 | 6 | 09 | 1 |
| 325 | HAVANA C B | 052 | 22224 | | | 515 | 17116 | | | 051 | 08531 | | | *** | ***** | | | 03 | 1 |
| 395 | VERNAM FIELD | 040 | 21196 | 05 | 5 | 506 | 19102 | 09 | 17 | 044 | 10503 | 11 | 9 | 934 | 56713 | 14 | 9 | 09 | 1 |
| 501 | SWAN ISLAND | 047 | 26223 | | | 510 | 16095 | | | 045 | 07575 | | | 926 | 57738 | | | 03 | 1 |
| 525 | SAN JUAN | 048 | 25211 | 14 | 5 | 511 | 17110 | 14 | 5 | 047 | 09563 | 10 | 5 | *** | ***** | | | 03 | 1 |
| 741 | MANAGUA | 036 | 22205 | 07 | 10 | 494 | 15102 | 06 | 33 | 030 | 08515 | 11 | 7 | 912 | 59632 | 10 | 15 | 09 | 1 |
| 806 | ALBROOK FLD | 031 | 23218 | 32 | 7 | 493 | 18116 | 04 | 16 | 036 | 10019 | 07 | 17 | 928 | 55622 | 09 | 22 | 06 | 1 |
| 967 | CHAGUARAMAS | 043 | 23205 | | | 505 | 16134 | | | 038 | 06554 | | | 918 | 58991 | | | 03 | 1 |
| | BLOCK 91 | | | | | | | | | | | | | | | | | | |
| 066 | MIDWAY ISL | 058 | 23192 | 05 | 16 | 516 | 13098 | 07 | 18 | 047 | 05565 | 07 | 22 | 925 | 59716 | 04 | 25 | 03 | 1 |
| 115 | IWO JIMA | 038 | 25242 | 07 | 10 | 501 | 18153 | | | 038 | 07023 | 06 | 14 | 924 | 56618 | 05 | 18 | 03 | 1 |
| 182 | HONOLULU | 050 | 26203 | 05 | 18 | 513 | 17122 | 08 | 9 | 048 | 09607 | 20 | 7 | 939 | 55997 | 19 | 11 | 03 | 1 |
| 215 | HARMON FLD | 021 | 31235 | 11 | 3 | 490 | 18149 | 01 | 6 | 030 | 10029 | 34 | 14 | 924 | 54597 | 09 | 3 | 03 | 1 |
| 245 | WAKE ISLAND | 039 | 27227 | 09 | 12 | 504 | 18072 | 07 | 17 | 044 | 11573 | 10 | 25 | 940 | 55714 | 12 | 22 | 03 | 1 |
| 275 | JOHNSON IS | 040 | 26239 | 10 | 10 | 506 | 17119 | 12 | 12 | 044 | 09573 | 13 | 9 | 931 | 56994 | 22 | 2 | 03 | 1 |
| 366 | KWAJALEIN | 024 | 28232 | 01 | 8 | 488 | 16157 | 01 | 15 | 022 | 08998 | 01 | 17 | 912 | 55955 | 01 | 20 | 03 | 2 |
| 413 | YAP | 023 | 30243 | 09 | 10 | 492 | 18035 | 09 | 14 | 032 | 11006 | 09 | 16 | 933 | 52624 | 07 | 24 | 03 | 1 |
| | BLOCK 98 | | | | | | | | | | | | | | | | | | |
| 645 | CEBU | 026 | 29236 | | | 499 | 20142 | | | 035 | 11032 | | | 930 | 53236 | | | 03 | 8 |
| QLL | OCEAN STA | | | | | | | | | | | | | | | | | | |
| 034 | 0 355 400 | 073 | 23182 | 12 | 12 | 531 | 14052 | 12 | 12 | 061 | 06646 | 08 | 13 | 943 | 58993 | 12 | 12 | 03 | 9 |
| 035 | 0 340 520 | 048 | 24227 | 26 | 6 | 510 | 16061 | 25 | 16 | 042 | 07596 | 26 | 18 | 925 | 58651 | 25 | 12 | 03 | 9 |
| 041 | 0 450 160 | 231 | 14991 | 36 | 12 | | 10073 | 34 | 11 | 192 | 05557 | 30 | 22 | 861 | 61717 | 35 | 11 | 02 | 5 |
| 044 | 0 450 450 | 044 | 1 105 | 25 | 10 | 495 | 13020 | 27 | 11 | 023 | 05004 | 25 | 14 | 902 | 60993 | 35 | 30 | 03 | 9 |
| 051 | 0 538 187 | 063 | 53430 | | | 500 | 41180 | 30 | 28 | 014 | 28050 | 28 | 24 | 864 | 01760 | 26 | 46 | 02 | 2 |
| 053 | 0 587 384 | 042 | 08081 | 17 | 12 | 477 | 01005 | 24 | 12 | 984 | 56581 | 24 | 24 | 825 | 72762 | 28 | 17 | 03 | 9 |
| 055 | 0 565 510 | 026 | 06068 | 09 | 16 | 463 | 05028 | 01 | 10 | 978 | 51707 | 32 | 3 | 833 | 66789 | 31 | 23 | 03 | 9 |
| 062 | 0 600 200 | 028 | 51480 | | | 476 | 37378 | 28 | 24 | 369 | 11090 | 29 | 17 | 819 | 93878 | 29 | 21 | 02 | 2 |
| 063 | 0 620 330 | 046 | 07050 | | | 477 | 00565 | | | 983 | 57622 | | | 818 | 73783 | | | 03 | 9 |
| 132 | 1 351 287 | 061 | 15123 | 36 | 24 | 508 | 13025 | 36 | 33 | 040 | 07618 | 36 | 32 | 925 | 75995 | | | 03 | 9 |
| 134 | 1 300 400 | 075 | 18149 | 08 | 51 | 527 | 14515 | 06 | 12 | 060 | 08541 | 28 | 2 | 946 | 56993 | 26 | 16 | 03 | 9 |
| 143 | 1 485 316 | 072 | 12115 | 29 | 26 | 519 | 08517 | 29 | 30 | 045 | 04655 | 29 | 29 | 918 | 61752 | 27 | 30 | 03 | 9 |
| 144 | 1 490 480 | 069 | 14105 | 34 | 39 | 515 | 08059 | 26 | 54 | 038 | 02004 | 26 | 36 | 906 | 62656 | 27 | 47 | 03 | 9 |
| 223 | 2 292 351 | 040 | 25 | | | 496 | | | | 025 | 08*** | | | 907 | 57*** | | | 03 | 1 |
| 235 | 2 385 530 | 053 | 23 | | | 510 | 15 | | | 042 | 07*** | | | 931 | 54*** | | | 02 | 1 |
| 237 | 2 386 707 | 101 | 59 | | | | | | | *** | ***** | | | *** | ***** | | | 03 | 9 |
| 246 | 2 440 650 | 101 | 54 | | | | | | | *** | ***** | | | *** | ***** | | | 03 | 9 |
| 360 | 3 660 020 | 020 | 09085 | 04 | 26 | 360 | 02011 | 05 | 18 | 888 | 55555 | 03 | 12 | 445 | 73732 | 00 | | 03 | 5 |

## RADIOSONDE AND RAWINSONDE DATA— Continued

| Index No. iii | 300 mb. hhh | TTTTT ddx | dd | ff | 200 mb. hhh | TTTTT ddx | dd | ff | 100 mb. hhh | TTTTT ddx | dd | ff | Hour GG | Code Type |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 635 | 220 | 71826 | | | 157 | 93999 | | | | | | | 04 | 1 |
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| 744 | 178 | 76824 | | | 097 | 93996 | | | | | | | 03 | 1 |
| 808 | 233 | 71994 | 11 | 28 | 182 | 89990 | 33 | 7 | | | | | 03 | 1 |
| 827 | 216 | 75843 | 25 | 19 | 144 | 96996 | 12 | 39 | | | | | 03 | 1 |
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| 120 | 101 | 43 | | | | | | | | | | | 03 | 6 |
| 390 | 949 | 88038 | 07 | 38 | 221 | 00111 | | | | | | | 02 | 5 |
| 61 | | | | | | | | | | | | | | |
| 642 | 969 | 80994 | 09 | 9 | 245 | 00 1 | 08 | 12 | | | | | 07 | 5 |
| 62 | | | | | | | | | | | | | | |
| 053 | 203 | 82420 | | | 113 | 42 0 | | | 510 | 00**0 | | | 02 | 7 |
| 70 | | | | | | | | | | | | | | |
| 026 | | | | | | | | | | | | | | |
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| 200 | | | | | | | | | | | | | | |
| 219 | | | | | | | | | | | | | | |
| 261 | | | | | | | | | | | | | | |
| 273 | | | | | | | | | | | | | | |
| 291 | | | | | | | | | | | | | | |
| 350 | | | | | | | | | | | | | | |
| 361 | | | | | | | | | | | | | | |
| 381 | | | | | | | | | | | | | | |
| 398 | | | | | | | | | | | | | | |
| 439 | | | | | | | | | | | | | | |
| 454 | | | | | | | | | | | | | | |
| 72 | | | | | | | | | | | | | | |
| 202 | 176 | 84997 | 10 | 21 | 064 | 06990 | 09 | 39 | | | | | 03 | 1 |
| 208 | 202 | 83871 | 06 | 16 | 129 | 03998 | 06 | 11 | 510 | ***** | | | 03 | 1 |
| 211 | 186 | 83906 | | | 074 | 05997 | | | 435 | 21998 | | | 03 | 1 |
| 219 | 201 | 83993 | | | 092 | 05991 | | | 457 | ***** | | | 03 | 1 |
| 231 | 198 | 83957 | 05 | 15 | 085 | 05999 | 12 | 24 | 459 | 19994 | | | 03 | 1 |
| 240 | 192 | 84995 | | | 078 | 06994 | | | 438 | 23997 | | | 03 | 1 |
| 250 | 176 | 85993 | 13 | 22 | 058 | 06998 | 11 | 26 | | | | | 03 | 1 |
| 253 | 191 | 83990 | 16 | 23 | 085 | 03992 | 12 | 38 | | | | | 03 | 1 |
| 259 | 184 | 83995 | 00 | | 082 | 02992 | 21 | 15 | | | | | 03 | 1 |
| 265 | | | | | | | | | | | | | 03 | 1 |
| 270 | 196 | 82891 | | | 089 | 05991 | | | | | | | 04 | 1 |
| 278 | 195 | 82939 | | | 093 | 03992 | | | | | | | 03 | 1 |
| 304 | 182 | 84931 | 32 | 19 | 072 | 04999 | 34 | 27 | | | | | 03 | 1 |
| 317 | 194 | 84923 | 34 | 24 | 080 | 06998 | 34 | 10 | | | | | 03 | 1 |
| 327 | 101 | 50 | | | | | | | | | | | 03 | 1 |
| 340 | 213 | 81997 | 21 | 8 | 112 | 03995 | 19 | 14 | 502 | 18996 | 10 | 15 | 03 | 1 |
| 353 | 190 | 81995 | 10 | 1 | 089 | 03993 | 25 | 4 | 475 | ***** | | | 03 | 1 |
| 365 | 198 | 82990 | 29 | 18 | 095 | 04993 | 30 | 24 | 481 | ***** | | | 03 | 1 |
| 386 | 174 | 87953 | | | 056 | 06990 | | | | | | | 03 | 1 |
| 394 | 139 | 6 994 | 20 | 52 | | | | | | | | | 03 | 1 |
| 405 | 189 | 82859 | | | 083 | 03992 | | | 482 | 18996 | | | 03 | 1 |
| 445 | 191 | 82998 | 24 | 25 | 083 | 05990 | 24 | 11 | 470 | ***** | | | 03 | 1 |
| 451 | 194 | 81995 | | | 094 | 02998 | | | 480 | 18993 | | | 03 | 1 |
| 476 | 181 | 84995 | 26 | 36 | 070 | 03997 | | | 474 | 15994 | | | 03 | 1 |
| 486 | 169 | 86990 | | | 055 | 03992 | | | | | | | 03 | 1 |
| 493 | 146 | 87995 | 20 | 36 | 032 | 03990 | 21 | 28 | 448 | 13994 | 21 | 24 | 03 | 1 |
| 506 | 176 | 81864 | 25 | 6 | 076 | 02992 | | | 471 | 17993 | | | 03 | 1 |
| 518 | 180 | 81851 | | | 085 | 01990 | | | 492 | 18994 | | | 03 | 1 |
| 520 | 184 | 83883 | | | 078 | 04995 | | | 472 | 19997 | | | 03 | 1 |
| 528 | 181 | 82887 | | | 076 | 03997 | | | 469 | ***** | | | 03 | 1 |
| 534 | 182 | 83914 | | | 076 | 04990 | | | 466 | 15993 | | | 03 | 1 |
| 536 | 185 | 84990 | | | 075 | 05996 | | | 447 | ***** | | | 03 | 1 |
| 553 | 169 | 84991 | 27 | 29 | 063 | 04999 | | | 459 | ***** | | | 03 | 1 |
| 562 | 177 | 84993 | | | 071 | 03999 | | | 465 | 18996 | | | 03 | 1 |
| 576 | 145 | 88924 | | | 032 | 00996 | | | | | | | 04 | 1 |
| 597 | 135 | 88990 | 23 | 89 | 117 | 02996 | 26 | 15 | 449 | 09995 | 26 | 18 | 03 | 1 |
| 606 | 202 | 80993 | | | 103 | 03991 | | | | | | | 03 | 1 |
| 655 | 163 | 85992 | | | 051 | 04992 | | | 475 | 11998 | | | 03 | 1 |
| 662 | 156 | 85997 | 25 | 57 | 046 | 00997 | | | | | | | 03 | 1 |
| 681 | 151 | 87980 | 26 | 36 | 034 | 00990 | 26 | 45 | | | | | 03 | 1 |
| 712 | 163 | 81883 | 26 | 30 | 063 | 04991 | 27 | 19 | 465 | 14992 | 27 | 16 | 03 | 1 |
| 734 | 962 | 20173 | | | | | | | | | | | 04 | 1 |
| 747 | 120 | 84994 | | | 014 | 00990 | | | 460 | ***** | | | 03 | 1 |
| 764 | 128 | 86999 | | | 014 | 01992 | | | | | | | 03 | 1 |
| 768 | 103 | 90994 | | | 991 | 97998 | | | 440 | 07990 | | | 04 | 1 |
| 775 | 105 | 92990 | | | 986 | 00990 | | | 431 | 07994 | | | 03 | 1 |
| 785 | 117 | 90993 | 29 | 31 | 996 | 01991 | 26 | 42 | 447 | 06996 | 27 | 22 | 03 | 1 |
| 798 | 122 | 90996 | 32 | 27 | 993 | 07990 | 31 | 41 | 431 | ***** | | | 03 | 1 |
| 816 | 097 | 86991 | 30 | 86 | 992 | 00990 | | | | | | | 03 | 1 |
| 826 | 084 | 83997 | | | 976 | 04990 | | | | | | | 03 | 1 |
| 906 | 019 | 92995 | | | 911 | 94997 | | | | | | | 03 | 1 |
| 909 | 101 | 58 | | | | | | | | | | | 03 | 1 |
| 74 | | | | | | | | | | | | | | |
| 188 | 125 | 83998 | | | 022 | 01995 | | | | | | | 04 | 1 |
| 76 | | | | | | | | | | | | | | |
| 458 | 177 | 83783 | | | 069 | 05995 | | | 422 | 23998 | | | 02 | 1 |
| 491 | 167 | 86934 | | | 045 | 57993 | | | 413 | 20994 | | | 02 | 1 |
| 644 | 174 | 85922 | | | 057 | 05998 | | | 432 | 21995 | | | 03 | 1 |
| 679 | 162 | 85917 | | | 042 | 08995 | | | | | | | 03 | 1 |
| 78 | | | | | | | | | | | | | | |
| 016 | 188 | 85990 | 07 | 10 | 056 | 02999 | 04 | 13 | 459 | 12999 | | | 09 | 1 |
| 325 | | | | | | | | | | | | | 03 | 1 |
| 395 | 181 | 82999 | 17 | 7 | | | | | | | | | 09 | 1 |
| 501 | 155 | 86975 | | | 037 | 06999 | | | 444 | ***** | | | 03 | 1 |
| 525 | | | | | | | | | | | | | | |
| 741 | 101 | 43 | | | | | | | | | | | 09 | 1 |
| 806 | 177 | 80879 | 11 | 26 | 081 | 01995 | 12 | 19 | | | | | 09 | 1 |
| 967 | 156 | 86994 | | | | | | | | | | | 03 | 1 |
| 91 | | | | | | | | | | | | | | |
| 066 | 158 | 87994 | | | 038 | 06992 | | | 440 | 52996 | | | 03 | 1 |
| 115 | 163 | 85993 | 35 | 13 | 047 | 07990 | 07 | 8 | | | | | 03 | 1 |
| 182 | 184 | 83992 | 21 | 38 | 078 | 04993 | 23 | 46 | 461 | 17993 | 14 | 17 | 03 | 1 |
| 215 | 183 | 80995 | 13 | 16 | 087 | 01994 | 04 | 18 | | | | | 03 | 1 |
| 245 | | | | | | | | | | | | | | |
| 275 | 180 | 82997 | | | 074 | 02999 | 21 | 31 | | | | | 03 | 1 |
| 366 | 101 | 43 | | | | | | | | | | | 03 | 1 |
| 413 | 216 | 78994 | | | 130 | 98994 | | | 556 | 18992 | | | 03 | 1 |
| 98 | | | | | | | | | | | | | | |
| 645 | 195 | 78999 | | | 101 | 98997 | | | | | | | 03 | 8 |
| QLL | | OCEAN STA | | | | | | | | | | | | |
| 034 | 178 | 85992 | | | 061 | 05999 | | | 457 | 15990 | | | 03 | 9 |
| 035 | 157 | 86944 | | | 039 | 05991 | | | 446 | 15994 | | | 03 | 9 |
| 041 | 588 | 87964 | | | 281 | 06997 | | | 564 | 14990 | | | 02 | 5 |
| 044 | 132 | 87964 | | | 012 | 05991 | | | 448 | 08998 | | | 03 | 9 |
| 051 | 065 | 61430 | | | | | | | | | | | 02 | 2 |
| 053 | 993 | 96995 | 24 | 58 | 866 | 95997 | 24 | 33 | 370 | 97998 | 32 | 21 | 03 | 9 |
| 055 | 026 | 94994 | 78 | 20 | 890 | | | | | | | | 03 | 9 |
| 062 | 900 | 47 0 | 31 | 28 | 662 | | | | | | | | 02 | 2 |
| 063 | 975 | 98997 | | | 846 | 96994 | | | 355 | 96998 | | | 03 | 9 |
| 132 | 160 | 86999 | 28 | 20 | 045 | 02990 | | | 475 | 13990 | | | 03 | 9 |
| 134 | 183 | 76932 | | | 064 | 06996 | | | 450 | 19998 | | | 03 | 9 |
| 143 | 139 | 79961 | 28 | 42 | 009 | 09995 | 28 | 53 | | | | | 03 | 9 |
| 144 | 101 | 50 | | | | | | | | | | | 03 | 9 |
| 223 | 169 | 73 | | | 100 | 93 | | | 576 | 07*** | | | 03 | 1 |
| 235 | 193 | 78 | | | 112 | 97 | | | | | | | 02 | 1 |
| 237 | 101 | 59 | | | | | | | | | | | 03 | 9 |
| 246 | 101 | 54 | | | | | | | | | | | 03 | 9 |
| 360 | 101 | 50 | | | | | | | | | | | 03 | 5 |

## RADIOSONDE AND RAWINSONDE DATA. SIGNIFICANT LEVELS

| Index No. iii | 1st. 5th. etc. Level PPP | TTTTT ddx | 2nd. 6th. etc. Level PPP | TTTTT ddx | 3rd. 7th. etc. Level PPP | TTTTT ddx | 4th. 8th. etc. Level PPP | TTTTT ddx | Hour GG | Code Type |
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| 671 | 014 | 28254 | 855 | 19167 | 834 | 19148 | 640 | 07582 | 03 | 1 |
| 744 | 011 | 25242 | 924 | 23183 | 813 | 17125 | 753 | 13095 | 03 | 1 |
| 808 | 010 | 32236 | 950 | 26236 | 600 | 07645 | 400 | 60995 | 03 | 1 |
| 827 | 011 | 31835 | 920 | 25185 | 636 | 06554 | 410 | 63747 | 03 | 1 |
| 60 | | | | | | | | | | |
| 120 | 012 | 21200 | 980 | 26199 | 900 | 25096 | 768 | 13067 | 03 | 6 |
| 390 | 015 | 19179 | 974 | 21196 | 735 | 21111 | 880 | 18062 | 02 | 5 |
| 61 | | | | | | | | | | |
| 642 | 007 | 25226 | 900 | 20199 | 882 | 22164 | 292 | 16076 | 07 | 5 |
| 62 | | | | | | | | | | |
| 053 | 000 | 76450 | 931 | 82480 | 828 | 69340 | 591 | 30*** | 02 | 7 |
| 70 | | | | | | | | | | |
| 026 | 000 | 13073 | 988 | 24081 | 833 | 06568 | 786 | 03597 | 03 | 1 |
| 133 | 006 | 17105 | 420 | 76894 | 400 | 79994 | 331 | 87999 | 03 | 1 |
| 200 | 010 | 07069 | 950 | 03031 | 908 | 04035 | 795 | 00562 | 03 | 1 |
| 219 | 010 | 12079 | 803 | 50521 | 718 | 57583 | 680 | 57621 | 03 | 1 |
| 261 | 990 | 17148 | 980 | 18122 | 786 | 03505 | 569 | 61646 | 03 | 1 |
| 273 | 007 | 14113 | 578 | 62654 | 101 | 58*** | | | 03 | 1 |
| 291 | 946 | 15081 | 684 | 54565 | 574 | 63661 | 428 | 78872 | 03 | 1 |
| 350 | 012 | 12063 | 850 | 02008 | 824 | 02506 | 710 | 53601 | 03 | 1 |
| 361 | 011 | 10108 | 598 | 62668 | 583 | 65695 | 400 | 86959 | 03 | 1 |
| 381 | 015 | 13115 | 472 | 74876 | 400 | 81998 | 342 | 90990 | 03 | 1 |
| 398 | 015 | 12113 | 788 | 01006 | 747 | 53596 | 576 | 61775 | 03 | 1 |
| 439 | 014 | 07065 | 947 | 03022 | 920 | 06040 | 882 | 06042 | 03 | 1 |
| 454 | 022 | 07067 | 900 | 06042 | 775 | 50517 | 400 | 75773 | 03 | 1 |
| 72 | | | | | | | | | | |
| 202 | 018 | 26224 | 914 | 21154 | 870 | 17133 | 830 | 16524 | 03 | 1 |
| 208 | 016 | 28233 | 955 | 29191 | 586 | 00513 | 572 | 00538 | 03 | 1 |
| 211 | 019 | 26231 | 946 | 24184 | 753 | 11075 | 692 | 09593 | 03 | 1 |
| 219 | 985 | 28227 | 977 | 30224 | 836 | 18154 | 825 | 19094 | 03 | 1 |
| 231 | 018 | 25247 | 010 | 27254 | 955 | 26201 | 800 | 14118 | 03 | 1 |
| 240 | 018 | 26241 | 961 | 24212 | 947 | 24187 | 791 | 15017 | 03 | 1 |
| 250 | 016 | 27258 | 964 | 24227 | 596 | 00592 | 584 | 51571 | 03 | 1 |
| 253 | 990 | 26228 | 907 | 20197 | 623 | 03526 | 552 | 51671 | 03 | 1 |
| 259 | 994 | 28199 | 952 | 28218 | 804 | 16103 | 740 | 11017 | 03 | 1 |
| 265 | 928 | 27166 | 738 | 12085 | 565 | 50558 | 516 | 54718 | 03 | 1 |
| 270 | 882 | 27146 | 861 | 28124 | 767 | 19107 | 473 | 60668 | 04 | 1 |
| 278 | 970 | 33167 | 965 | 36181 | 716 | 13053 | 400 | 67803 | 03 | 1 |
| 304 | 017 | 27253 | 743 | 12052 | 636 | 04524 | 572 | 51592 | 03 | 1 |
| 317 | 987 | 26231 | 983 | 29215 | 952 | 28186 | 810 | 16135 | 03 | 1 |
| 327 | 998 | 25216 | 968 | 26205 | 811 | 14127 | 716 | 09056 | 03 | 1 |
| 340 | 009 | 26226 | 987 | 29227 | 884 | 21163 | 732 | 14503 | 03 | 1 |
| 353 | 970 | 28176 | 952 | 28179 | 767 | 14091 | 633 | 06568 | 03 | 1 |
| 365 | 838 | 30051 | 827 | 30057 | 542 | 52564 | 520 | 54585 | 03 | 1 |
| 386 | 934 | 34601 | 908 | 35081 | 678 | 09556 | 656 | 09571 | 03 | 1 |
| 394 | 006 | 14112 | 954 | 09088 | 940 | 11091 | 935 | 14128 | 03 | 1 |
| 405 | 013 | 29225 | 967 | 28197 | 811 | 16125 | 665 | 06007 | 03 | 1 |
| 445 | 988 | 27223 | 968 | 29214 | 561 | 52571 | 440 | 63799 | 03 | 1 |
| 451 | 924 | 27197 | 917 | 29195 | 783 | 19124 | 648 | 08588 | 03 | 1 |
| 476 | 852 | 27503 | 843 | 30004 | 528 | 55596 | 466 | 63791 | 03 | 1 |
| 486 | 811 | 19509 | 805 | 25022 | 564 | 52609 | 462 | 60777 | 03 | 1 |
| 493 | 013 | 15128 | 957 | 13101 | 910 | 20098 | 886 | 19050 | 03 | 1 |
| 506 | 980 | 29185 | 640 | 04538 | 574 | 52550 | 400 | 66709 | 03 | 1 |
| 518 | 002 | 22217 | 980 | 24211 | 795 | 14094 | 750 | 12003 | 03 | 1 |
| 520 | 974 | 25205 | 950 | 26182 | 822 | 16109 | 755 | 12509 | 03 | 1 |
| 528 | 989 | 24221 | 949 | 25215 | 817 | 16124 | 806 | 16098 | 03 | 1 |
| 534 | 944 | 27221 | 970 | 28212 | 887 | 21154 | 805 | 19563 | 03 | 1 |
| 536 | 994 | 27211 | 970 | 28205 | 688 | 08534 | 677 | 07587 | 03 | 1 |
| 553 | 976 | 30242 | 964 | 31234 | 870 | 24173 | 847 | 22131 | 03 | 1 |
| 562 | 918 | 25164 | 902 | 26146 | 810 | 19136 | 748 | 15081 | 03 | 1 |
| 576 | 833 | 17087 | 820 | 21055 | 454 | 66696 | 400 | 71757 | 04 | 1 |
| 597 | 967 | 25097 | 802 | 15515 | 679 | 06512 | 639 | 02697 | 03 | 1 |
| 606 | 006 | 25183 | 962 | 28183 | 695 | 08048 | 680 | 09013 | 03 | 1 |
| 655 | 975 | 21163 | 958 | 23161 | 757 | 14582 | 625 | 05645 | 03 | 1 |
| 662 | 908 | 20063 | 896 | 21068 | 650 | 01505 | 598 | 01563 | 03 | 1 |
| 681 | 916 | 24091 | 896 | 26022 | 678 | 08647 | 610 | 00618 | 03 | 1 |
| 712 | 984 | 24207 | 954 | 27194 | 732 | 10081 | 723 | 08062 | 03 | 1 |
| 734 | 986 | 19188 | 962 | 20173 | 910 | 22995 | 900 | 22134 | 04 | 1 |
| 747 | 968 | 17142 | 880 | 11104 | 683 | 03571 | 648 | 04593 | 03 | 1 |
| 764 | 960 | 15124 | 955 | 17124 | 782 | 05022 | 635 | 01675 | 03 | 1 |
| 768 | 945 | 16126 | 930 | 17117 | 890 | 15056 | 671 | 51556 | 04 | 1 |
| 775 | 892 | 17062 | 882 | 17047 | 682 | 01542 | 642 | 51607 | 03 | 1 |
| 785 | 936 | 23057 | 738 | 05512 | 691 | 03642 | 636 | 50702 | 03 | 1 |
| 798 | 019 | 12113 | 992 | 09083 | 969 | 13115 | 939 | 13063 | 03 | 1 |
| 816 | 998 | 17125 | 970 | 21184 | 955 | 21172 | 925 | 22154 | 03 | 1 |
| 826 | 941 | 18145 | 686 | 00517 | 681 | 01598 | 657 | 01639 | 03 | 1 |
| 906 | 992 | 16164 | 905 | 13126 | 730 | 04037 | 687 | 01527 | 03 | 1 |
| 909 | | | | | | | | | | |
| 74 | | | | | | | | | | |
| 188 | 003 | 15132 | 919 | 22101 | 565 | 55535 | 550 | 53752 | 04 | 1 |
| 76 | | | | | | | | | | |
| 458 | 010 | 29241 | 883 | 19184 | 625 | 04001 | 400 | 67711 | 02 | 1 |
| 491 | 977 | 20173 | 802 | 21242 | 800 | 15032 | 772 | 14538 | 02 | 1 |
| 644 | 014 | 731 | 968 | 25812 | 947 | 26174 | 873 | 21145 | 03 | 1 |
| 679 | 777 | 14111 | 699 | 06057 | 400 | 68734 | 278 | 90952 | 03 | 1 |
| 78 | | | | | | | | | | |
| 016 | 016 | 24805 | 930 | 17132 | 800 | 16101 | 783 | 08054 | 09 | 1 |
| 325 | 004 | 23281 | 908 | 21148 | 820 | 15101 | 788 | 14023 | 03 | 1 |
| 395 | 010 | 22189 | 974 | 25187 | 686 | 09665 | 639 | 06550 | 09 | 1 |
| 501 | 105 | 26829 | 963 | 23229 | 894 | 19116 | 822 | 14084 | 03 | 1 |
| 525 | 015 | 26222 | 824 | 15095 | 780 | 13517 | 756 | 12046 | 03 | 1 |
| 741 | 006 | 22217 | 817 | 15072 | 757 | 11020 | 724 | 10515 | 09 | 1 |
| 806 | 010 | 24225 | 806 | 17083 | 765 | 13071 | 680 | 10003 | 09 | 1 |
| 967 | 015 | 24214 | 800 | 12085 | 725 | 05522 | 633 | 50596 | 03 | 1 |
| 91 | | | | | | | | | | |
| 066 | 019 | 24207 | 957 | 20166 | 896 | 16122 | 816 | 12073 | 03 | 1 |
| 115 | 001 | 25242 | 835 | 17154 | 630 | 02545 | 570 | 52542 | 03 | 1 |
| 182 | 017 | 27216 | 924 | 19178 | 869 | 16139 | 852 | 17131 | 03 | 1 |
| 215 | 000 | 31237 | 884 | 20182 | 768 | 15044 | 400 | 64705 | 03 | 1 |
| 245 | 013 | 30226 | 946 | 23192 | 840 | 18051 | 824 | 16089 | 03 | 1 |
| 275 | 014 | 28241 | 967 | 23216 | 811 | 16112 | 735 | 12527 | 03 | 1 |
| 366 | 008 | 28248 | 950 | 22217 | 780 | 11118 | 740 | 08614 | 03 | 1 |
| 413 | 007 | 30242 | 670 | 10021 | 640 | 10513 | | 00645 | 03 | 1 |
| 98 | | | | | | | | | | |
| 645 | 004 | 30240 | 940 | 24217 | 658 | 08040 | 624 | 05517 | 03 | 8 |
| QLL | | OCEAN | STA | | | | | | | |
| 034 | 025 | 24207 | 952 | 19158 | 890 | 16065 | 876 | 15084 | 03 | 9 |
| 035 | 016 | 25237 | 873 | 16121 | 858 | 17063 | 806 | 12026 | 03 | 9 |
| 041 | 027 | 19145 | 934 | 09063 | 901 | 10082 | 830 | 09078 | 02 | 5 |
| 044 | 015 | 12125 | 954 | 15148 | 879 | 14075 | 862 | 13516 | 03 | 9 |
| 051 | 023 | 56440 | | | | | | | 02 | 2 |
| 053 | 010 | 11115 | 988 | 10097 | 824 | 07027 | 744 | 04561 | 03 | 9 |
| 055 | 009 | 07074 | 976 | 05051 | 965 | 07063 | 872 | 04019 | 03 | 9 |
| 062 | 010 | 52480 | | | | | | | 02 | 2 |
| 063 | 016 | 08069 | 955 | 02001 | 902 | 00503 | 827 | 00604 | 03 | 9 |
| 132 | 021 | 16147 | 907 | 09076 | 672 | 06651 | 400 | 69990 | 03 | 9 |
| 134 | 026 | 02167 | 891 | 10084 | 878 | 12072 | 865 | 14539 | 03 | 9 |
| 143 | 026 | 13128 | 965 | 10107 | 942 | 11117 | 870 | 09065 | 03 | 9 |
| 144 | 024 | 13139 | 462 | 66692 | 101 | 55*** | | | 03 | 9 |
| 223 | 015 | 27 | 893 | 17 | 733 | 09*** | 597 | 01*** | 03 | 1 |
| 235 | 019 | 23 | 916 | 19 | 784 | 12*** | 625 | 05*** | 02 | 1 |
| 237 | | | | | | | | | | |
| 246 | | | | | | | | | | |
| 360 | 008 | 09089 | 958 | 06060 | 929 | 07063 | 900 | 05031 | 03 | 5 |

## RADIOSONDE AND RAWINSONDE DATA. SIGNIFICANT LEVELS

| Index No. iii | 1st. 5th. etc. Level PPP | TTTTT ddx | 2nd. 6th. etc. Level PPP | TTTTT ddx | 3rd. 7th. etc. Level PPP | TTTTT ddx | 4th. 8th. etc. Level PPP | TTTTT ddx | Hour GG | Code Type |
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| 635 | 468 | 55597 | 400 | 59675 | 292 | 72859 | 250 | 81999 | 04 | 1 |
| 671 | 597 | 03554 | 584 | 03585 | 561 | 03615 | 580 | 51778 | 03 | 1 |
| 744 | 643 | 06022 | 577 | 02501 | 400 | 62691 | 273 | 82991 | 03 | 1 |
| 808 | 250 | 78990 | 164 | 98992 | 130 | 05993 | 101 | 59*** | 03 | 1 |
| 827 | 275 | 79990 | 155 | 10991 | 135 | 12995 | 119 | 11995 | 03 | 1 |
| 60 | | | | | | | | | | |
| 120 | | 11045 | 590 | 02 | 484 | 61998 | 472 | 61992 | 03 | 6 |
| 390 | 807 | 13010 | 696 | 02598 | 660 | 00625 | 614 | 55683 | 02 | 8 |
| 61 | | | | | | | | | | |
| 642 | 765 | 16044 | 729 | 15061 | 477 | 61673 | 445 | 63655 | 07 | 5 |
| 62 | | | | | | | | | | |
| 053 | 584 | 31010 | 522 | 22790 | 484 | 24750 | 907 | 99**0 | 02 | 7 |
| 70 | | | | | | | | | | |
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| 133 | 208 | 06991 | 037 | 89995 | | | | | 03 | 1 |
| 200 | 740 | 51564 | 673 | 56601 | 620 | 59711 | 582 | 62742 | 03 | 1 |
| 219 | 596 | 64753 | 400 | 86932 | 372 | 90971 | 289 | 98999 | 03 | 1 |
| 261 | 400 | 82881 | 345 | 90972 | 233 | 07995 | 097 | 97992 | 03 | 1 |
| 273 | | | | | | | | | | |
| 291 | 400 | 82881 | 377 | 85941 | 350 | 89967 | 243 | 06992 | 03 | 1 |
| 350 | 666 | 55624 | 570 | 63734 | 506 | 70774 | 400 | 82995 | 03 | 1 |
| 361 | 377 | 89984 | 118 | 96994 | 190 | 10380 | | | 03 | 1 |
| 381 | 265 | 98993 | 115 | 96997 | | | | | 03 | 1 |
| 398 | 400 | 78914 | 335 | 88982 | 237 | 02992 | 112 | 00990 | 03 | 1 |
| 439 | 400 | 72774 | | | | | | | 03 | 1 |
| 454 | | | | | | | | | | |
| 72 | | | | | | | | | | |
| 202 | 678 | 06604 | 663 | 05521 | 613 | 01557 | 550 | 53714 | 03 | 1 |
| 208 | 400 | 66818 | 270 | 88928 | 123 | 81995 | | | 03 | 1 |
| 211 | 646 | 04588 | 613 | 01554 | 602 | 00608 | 570 | 51605 | 03 | 1 |
| 219 | 732 | 12033 | 707 | 10566 | 604 | 03654 | 400 | 68995 | 03 | 1 |
| 231 | 732 | 12536 | 564 | 00705 | 400 | 68833 | 280 | 87982 | 03 | 1 |
| 240 | 663 | 07618 | 433 | 64757 | 400 | 68803 | 371 | 72860 | 03 | 1 |
| 250 | 551 | 53593 | 516 | 55701 | 483 | 59682 | 400 | 69821 | 03 | 1 |
| 253 | 532 | 53610 | 400 | 68736 | 374 | 70837 | 350 | 74884 | 03 | 1 |
| 259 | 714 | | | | | | 476 | 59683 | 03 | 1 |
| 265 | 400 | 66815 | 366 | 71768 | 354 | 73841 | 306 | 79915 | 03 | 1 |
| 270 | 400 | 66804 | 380 | 69822 | 268 | 88985 | 146 | 19996 | 04 | 1 |
| 278 | 262 | 90983 | 128 | 21997 | | | | | 03 | 1 |
| 304 | 422 | 66743 | 400 | 69803 | 276 | 88981 | 182 | 08998 | 03 | 1 |
| 317 | 554 | 51683 | 530 | 53643 | 426 | 65735 | 400 | 68789 | 03 | 1 |
| 327 | 687 | 09021 | 410 | 65724 | | | | | 03 | 1 |
| 340 | 599 | 03551 | 546 | 51603 | 534 | 51691 | 400 | 65995 | 03 | 1 |
| 353 | 555 | 52611 | 400 | 68762 | 358 | 73862 | 255 | 90990 | 03 | 1 |
| 365 | 506 | 54694 | 400 | 67826 | 130 | 20995 | 120 | 17991 | 03 | 1 |
| 386 | 609 | 03635 | 591 | 04631 | 438 | 64733 | 425 | 64754 | 03 | 1 |
| 394 | 907 | 17021 | 767 | 12558 | 754 | 11619 | 400 | 70990 | 03 | 1 |
| 405 | 612 | 04635 | 446 | 64681 | 400 | 68716 | 370 | 71741 | 03 | 1 |
| 445 | 413 | 66715 | 400 | 67746 | 363 | 70857 | 267 | 90990 | 03 | 1 |
| 451 | 541 | 52642 | 400 | 69842 | 387 | 71862 | 378 | 69994 | 03 | 1 |
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| 520 | 741 | 11014 | 730 | 10548 | 679 | 07606 | 627 | 04531 | 03 | 1 |
| 528 | 758 | 14574 | 613 | 01603 | 435 | 62705 | 400 | 66765 | 03 | 1 |
| 534 | 780 | 16050 | 582 | 50554 | 555 | 50647 | 438 | 64724 | 03 | 1 |
| 536 | 673 | 07546 | 603 | 02557 | 480 | 59684 | 435 | 65750 | 03 | 1 |
| 553 | 843 | 22124 | 764 | 16084 | 483 | 61743 | 477 | 60748 | 03 | 1 |
| 562 | 739 | 16041 | 600 | 03575 | 475 | 61714 | 467 | 60789 | 03 | 1 |
| 576 | 294 | 89937 | 126 | 18998 | | | | | 04 | 1 |
| 597 | 566 | 55990 | 583 | 54999 | 400 | 73994 | 291 | 89997 | 03 | 1 |
| 606 | 528 | 53392 | 440 | 60737 | 406 | 65711 | 315 | 77885 | 03 | 1 |
| 655 | 534 | 53702 | 400 | 68995 | 276 | 89994 | 115 | 12991 | 03 | 1 |
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| 681 | 446 | 64805 | 400 | 71801 | 222 | 02994 | 172 | 02996 | 03 | 1 |
| 712 | 608 | 02545 | 569 | 50538 | 458 | 60704 | 443 | 61766 | 03 | 1 |
| 734 | 625 | 00511 | 520 | 56614 | 101 | 68*** | 096 | 91*** | 04 | 1 |
| 747 | 542 | 56732 | 475 | 60995 | 400 | 69992 | 270 | 90990 | 03 | 1 |
| 764 | 514 | 59751 | 483 | 61763 | 400 | 71993 | 285 | 90990 | 03 | 1 |
| 768 | 616 | 56662 | 592 | 55719 | 512 | 63795 | 400 | 74998 | 04 | 1 |
| 775 | 629 | 51708 | 575 | 56743 | 400 | 75907 | 314 | 89989 | 03 | 1 |
| 785 | 594 | 54734 | 580 | 54722 | 400 | 75882 | 304 | 89008 | 03 | 1 |
| 798 | 608 | 53597 | 568 | 55633 | 400 | 73854 | 378 | 76887 | 03 | 1 |
| 816 | 879 | 19084 | 814 | 14054 | 541 | 56588 | 400 | 72866 | 03 | 1 |
| 826 | 543 | 26720 | 520 | 57723 | 450 | 65996 | 400 | 71990 | 03 | 1 |
| 906 | 628 | 54604 | 598 | 55631 | 480 | 67773 | 400 | 77824 | 03 | 1 |
| 909 | | | | | | | | | | |
| 74 | | | | | | | | | | |
| 188 | 400 | 68998 | 264 | 90990 | 148 | 13990 | 138 | 09993 | 04 | 1 |
| 76 | | | | | | | | | | |
| 458 | 360 | 72756 | 279 | 89961 | 120 | 87993 | 071 | 17997 | 02 | 1 |
| 491 | 661 | 02447 | 612 | 01621 | 595 | 50573 | 559 | 52656 | 02 | 1 |
| 644 | 800 | 16543 | 747 | 11557 | 631 | 01497 | 607 | 50632 | 03 | 1 |
| 679 | 195 | 09998 | | | | | | | 03 | 1 |
| 78 | | | | | | | | | | |
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| 395 | 597 | 02629 | 451 | 61783 | 400 | 67823 | 316 | 79994 | 09 | 1 |
| 501 | 792 | 13538 | 720 | 09512 | 612 | 01690 | 601 | 00602 | 03 | 1 |
| 525 | 720 | 11572 | | | | | | | 03 | 1 |
| 741 | 622 | 01523 | 400 | 70733 | | | | | 09 | 1 |
| 806 | 577 | 00538 | 436 | 62742 | 400 | 65993 | 323 | 76831 | 09 | 1 |
| 967 | 593 | 00991 | 400 | 68994 | 237 | 99990 | | | 03 | 1 |
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| 066 | 757 | 09004 | 556 | 54663 | 515 | 58686 | 454 | 63793 | 03 | 1 |
| 115 | 502 | 56664 | 416 | 65727 | 400 | 68719 | 356 | 76778 | 03 | 1 |
| 182 | 810 | 14044 | 766 | 12015 | 753 | 11564 | 740 | 10517 | 03 | 1 |
| 215 | 324 | 76884 | 251 | 90990 | 130 | 21991 | 101 | 58*** | 03 | 1 |
| 245 | 804 | 16093 | 774 | 16564 | 686 | 10588 | 669 | 10596 | 03 | 1 |
| 275 | 664 | 06624 | 595 | 02994 | 400 | 66998 | 266 | 90990 | 03 | 1 |
| 366 | 720 | 10950 | 685 | 07995 | 663 | 07995 | 400 | 15997 | 03 | 2 |
| 413 | 400 | 56006 | | | | | | | 03 | 1 |
| 98 | | | | | | | | | | |
| 645 | 554 | 50541 | 463 | 56736 | 421 | 62683 | 315 | 75879 | 03 | 8 |
| QLL | | OCEAN | STA | | | | | | | |
| 034 | 869 | 15022 | 841 | 13066 | 816 | 12523 | 798 | 11521 | 03 | 9 |
| 035 | 763 | 61568 | 711 | 07535 | 694 | 07664 | 643 | 03997 | 03 | 9 |
| 041 | 800 | 10033 | 725 | 07528 | 614 | 00592 | 512 | 60691 | 02 | 5 |
| 044 | 822 | 11078 | 652 | 00589 | 616 | 52551 | 598 | 51705 | 03 | 9 |
| 051 | | | | | | | | | | |
| 053 | 548 | 56742 | 459 | 66833 | 400 | 74990 | 344 | 84990 | 03 | 9 |
| 055 | 847 | 06012 | 685 | 52718 | 606 | 58656 | 400 | 76907 | 03 | 9 |
| 062 | | | | | | | | | | |
| 063 | 618 | 64686 | 599 | 63691 | 558 | 67753 | 507 | 72775 | 03 | 9 |
| 132 | 240 | 98991 | 085 | 14999 | 050 | 09993 | | | 03 | 9 |
| 134 | 833 | 14011 | 797 | 12598 | 740 | 11553 | 728 | 10605 | 03 | 9 |
| 143 | 816 | 10548 | 400 | 72834 | 172 | 12992 | 142 | 08992 | 03 | 9 |
| 144 | | | | | | | | | | |
| 223 | 445 | 60 | 425 | 62 | 115 | 05*** | 065 | 01*** | 03 | 1 |
| 235 | 421 | 63 | 363 | 69 | 173 | 07*** | 160 | 09*** | 02 | 1 |
| 237 | | | | | | | | | | |
| 246 | | | | | | | | | | |
| 360 | 808 | 50505 | 790 | 50505 | 400 | 85868 | | | 03 | 5 |

JULY 30

| Index No. iii | Station Name | 1000 mb. hhh | TTTTT ddx | dd | ff | 850 mb. hhh | TTTTT ddx | dd | ff | 700 mb. hhh | TTTTT ddx | dd | ff | 500 mb. hhh | TTTTT ddx | dd | ff | Hour GG | Code Type |
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| 001 | JAN MAYEN | 090 | 02013 | | | 380 | 53531 | | | 907 | 60613 | | | 450 | 78817 | | | 03 | 8 |
| 030 | TROMSO | 066 | 06048 | 33 | 2 | 410 | 01557 | 27 | 6 | 926 | 58619 | 32 | 4 | 441 | 77884 | 31 | 8 | 03 | 5 |
| 384 | GARDERMOEN | 027 | 99999 | | | 371 | 05013 | 36 | 14 | 930 | 54569 | | | 491 | 71748 | | | 03 | 5 |
| 415 | SOLA | 073 | 12117 | | | 420 | 02018 | | | 964 | 54579 | | | 533 | 71755 | | | 03 | 8 |
| | BLOCK 02 | | | | | | | | | | | | | | | | | | |
| 057 | LULEA KALLAS | 043 | 06052 | | | 410 | 02507 | | | 923 | 54563 | | | 493 | 71731 | | | 03 | 8 |
| 077 | STOCKHOLM | 023 | 12115 | 18 | 3 | 390 | 07041 | 27 | 13 | 947 | 52542 | 27 | 10 | 544 | 68703 | 07 | 3 | 03 | 5 |
| 084 | GOTEBORG | 029 | 14116 | | | 383 | 07055 | | | 948 | 53569 | | | 514 | 72751 | | | 03 | 8 |
| | BLOCK 03 | | | | | | | | | | | | | | | | | | |
| 005 | LERWICK | 026 | 52490 | | | 463 | 37340 | 33 | 12 | *** | 27150 | 31 | 21 | 821 | 95780 | 30 | 24 | 02 | 2 |
| 026 | STORNOWAY | 042 | 53490 | | | | | | | 990 | 22100 | 30 | 15 | 834 | 97680 | 29 | 34 | 02 | 2 |
| 171 | LEUCHARS | 039 | 55480 | | | 480 | 41340 | | | 994 | 26140 | | | 843 | 99800 | | | 02 | 7 |
| 322 | FAZAKERLEY | 054 | 55450 | 27 | 15 | 494 | 45280 | 29 | 26 | 009 | 29240 | 27 | 28 | 872 | 60030 | 28 | 47 | 08 | 2 |
| 476 | DOWNHAM MKT | 046 | 55490 | 29 | 3 | 486 | 42360 | 30 | 22 | 002 | 28140 | 29 | 29 | 858 | 05730 | 30 | 62 | 02 | 2 |
| 743 | LARKHILL | 059 | 54510 | | | 501 | 41340 | 30 | 14 | 020 | 36950 | 29 | 25 | 889 | 11000 | 29 | 55 | 02 | 2 |
| 808 | CAMBORNE | 066 | 60510 | 24 | 12 | 510 | 51210 | 26 | 15 | 036 | 41270 | 28 | 24 | 931 | 14860 | 27 | 39 | 08 | 2 |
| 917 | ALDERGROVE | 055 | 53460 | 30 | 15 | 493 | 42270 | 29 | 20 | 009 | 30980 | 27 | 25 | 867 | 08030 | 28 | 42 | 02 | 2 |
| 953 | VALENTIA | 062 | 57 0 | 19 | 12 | 506 | 49 0 | | | 029 | 41**0 | | | 902 | 13**0 | | | 03 | 2 |
| | BLOCK 04 | | | | | | | | | | | | | | | | | | |
| 018 | KEFLAVIK | 028 | 10008 | 07 | 5 | 463 | 02000 | 09 | 6 | 971 | 54635 | 12 | 7 | 814 | 81836 | 26 | 11 | 03 | 1 |
| 202 | THULE | 037 | 04036 | 01 | 4 | 465 | 51554 | 13 | 3 | 965 | 79733 | 20 | 8 | 793 | 76990 | 20 | 22 | 03 | 1 |
| 231 | SDR STROMFRD | 031 | 04117 | 01 | 44 | 469 | 03515 | 03 | 7 | 094 | 47909 | 36 | 15 | 807 | 73823 | 36 | 27 | 09 | 1 |
| 270 | NARSSARSSUAK | 037 | 05023 | 00 | | 481 | 01516 | 04 | 6 | 984 | 58641 | 09 | 6 | 819 | 72990 | 08 | 9 | 09 | 1 |
| | BLOCK 06 | | | | | | | | | | | | | | | | | | |
| 011 | THORSHAVN | 009 | 08037 | | | 424 | 03004 | | | 974 | 54601 | | | *** | ***** | | | 03 | 6 |
| 180 | KOBENHAVN | 067 | 12111 | 26 | 12 | 414 | 04017 | 29 | 24 | 963 | 56606 | 27 | 22 | 503 | 74787 | 28 | 20 | 03 | 5 |
| 260 | DE BILT | 145 | 16092 | | | 494 | 03523 | | | 040 | 57641 | | | 600 | 72870 | | | 03 | 8 |
| 447 | UCCLE | 160 | 10094 | | | 496 | 03508 | | | 050 | 52587 | | | 635 | 66828 | | | 03 | 8 |
| 610 | PAYERNE | 165 | | | | 540 | 11084 | 27 | 5 | 125 | 02685 | 27 | 22 | 790 | 60804 | 30 | 45 | 05 | 5 |
| | BLOCK 07 | | | | | | | | | | | | | | | | | | |
| 110 | BREST | 202 | 09072 | 34 | 3 | 540 | 06533 | 33 | 15 | 105 | 50681 | 28 | 28 | 736 | 62732 | 27 | 25 | 02 | 5 |
| 145 | TRAPPES | 182 | 10084 | | | 540 | 05546 | | | 054 | 01716 | | | 715 | 60865 | | | 02 | 8 |
| 190 | STRASBOURG | 162 | 16123 | | | 520 | 07033 | | | 105 | 00601 | | | 731 | 63761 | | | 03 | 8 |
| 480 | LYON | 153 | | | | 560 | 15052 | | | 160 | 06530 | | | 848 | 58742 | | | 02 | 8 |
| 510 | BORDEAUX | 173 | 20155 | 04 | 8 | 570 | 14088 | 30 | 16 | 190 | 05536 | 29 | 24 | 860 | 60691 | 30 | 30 | 02 | 5 |
| 645 | NIMES | 138 | 22187 | | | 560 | 17103 | | | 166 | 06526 | | | 847 | 58673 | | | 02 | 8 |
| | BLOCK 08 | | | | | | | | | | | | | | | | | | |
| 509 | LAGENS | 072 | 20183 | 33 | 7 | 527 | 13103 | 04 | 9 | 056 | 04002 | 03 | 10 | 931 | 60676 | 01 | 13 | 03 | 1 |
| 521 | FUNCHAL | 126 | 22149 | | | 537 | 20045 | | | 184 | 09544 | | | 892 | 56745 | | | 14 | 8 |
| 536 | PORTELA | 145 | 33156 | | | 587 | 22056 | | | 232 | 07508 | | | 931 | 56994 | | | 14 | 8 |
| | BLOCK 10 | | | | | | | | | | | | | | | | | | |
| 384 | TEMPELHOF | 107 | 13121 | 29 | 13 | 457 | 05021 | 29 | 29 | 009 | 56581 | 29 | 29 | 577 | 69841 | 28 | 40 | 03 | 5 |
| 419 | ISERLOHN | | | | | 492 | 42340 | 28 | 24 | 003 | 23150 | 28 | 29 | 849 | 96840 | 28 | 47 | 02 | 2 |
| 633 | WIESBADEN | 159 | 12081 | 00 | | 512 | 05011 | 30 | 23 | 068 | 53656 | 28 | 43 | 661 | 67999 | 28 | 65 | 03 | 5 |
| 866 | MUNCHEN RIEM | 148 | 99999 | 99 | 99 | 525 | 09064 | 28 | 17 | 111 | 00506 | 27 | 45 | 762 | 63990 | 27 | 60 | 03 | 5 |
| | BLOCK 11 | | | | | | | | | | | | | | | | | | |
| 030 | TULLN | 121 | | | | 506 | 09064 | 30 | 24 | 094 | 01511 | 29 | 50 | 722 | 64650 | 26 | 49 | 03 | 5 |
| 567 | PRAHA KBELY | 134 | | | | 500 | 07045 | | | 053 | 54568 | | | 640 | 69733 | | | 05 | 5 |
| | BLOCK 16 | | | | | | | | | | | | | | | | | | |
| 596 | GRENDI | | | | | 549 | 65400 | 29 | 6 | 048 | 53290 | 28 | 37 | 938 | 12910 | 27 | 41 | 02 | 2 |
| | BLOCK 17 | | | | | | | | | | | | | | | | | | |
| 606 | NICOSIA | | | | | 474 | 70500 | | | 018 | 54560 | | | 921 | 34730 | | | 02 | 7 |
| | BLOCK 42 | | | | | | | | | | | | | | | | | | |
| 182 | NEW DELHI | 503 | | | | 142 | 2416 | | | 309 | 1208* | | | 583 | 54*** | | | 15 | 8 |
| 339 | JODHPUR | 501 | | | | 141 | 2018 | | | 306 | 0808* | | | 582 | 53*** | | | 18 | 8 |

| Index No. iii | 300 mb. hhh | TTTTT ddx | dd | ff | 200 mb. hhh | TTTTT ddx | dd | ff | 100 mb. hhh | TTTTT ddx | dd | ff | Hour GG | Code Type |
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| 030 | 887 | 10 2 | | | 133 | 10 2 | | | | | | | 03 | 5 |
| 384 | 903 | 00037 | | | 165 | 96994 | | | | | | | 03 | 5 |
| 415 | 908 | 00998 | | | 172 | 96996 | | | | | | | 03 | 8 |
| 02 | | | | | | | | | | | | | | |
| 057 | 904 | 00993 | | | 165 | 95997 | | | 630 | 92995 | | | 03 | 8 |
| 077 | 915 | 96990 | 12 | 5 | 185 | 90992 | | | 660 | 88998 | | | 03 | 5 |
| 084 | 905 | 00992 | | | | | | | | | | | 03 | 8 |
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| 005 | 983 | 45 0 | 31 | 37 | 863 | 53 0 | 29 | 38 | 383 | 53**0 | 28 | 20 | 03 | 2 |
| 026 | 101 | 43 | | | | | | | | | | | 02 | 2 |
| 171 | 304 | 59 0 | | | 906 | 26 0 | | | 384 | 40**0 | | | 02 | 7 |
| 322 | 070 | 64540 | 27 | 70 | 791 | 36 0 | 28 | 87 | | | | | 08 | 2 |
| 476 | 064 | 57 0 | 30 | 93 | | | | | | | | | 02 | 2 |
| 743 | 112 | 64545 | 29 | 69 | 983 | 28 0 | 30 | 69 | 430 | 35**0 | 29 | 32 | 02 | 2 |
| 808 | 136 | 67500 | 26 | 47 | 023 | 36 0 | 26 | 57 | | | | | 08 | 2 |
| 917 | 089 | 61580 | 28 | 73 | 969 | 30 0 | | | 432 | 42**0 | | | 02 | 2 |
| 953 | 123 | 64 0 | | | 999 | 31 0 | | | 452 | 36**0 | | | 03 | 2 |
| 04 | | | | | | | | | | | | | | |
| 018 | 984 | 97991 | | | | | | | | | | | 03 | 1 |
| 202 | 939 | 02995 | 20 | 39 | 815 | 83998 | 20 | 27 | | | | | 03 | 1 |
| 231 | 974 | 96009 | 01 | 39 | 846 | 96993 | | | 365 | ***** | | | 09 | 1 |
| 270 | 985 | 98994 | 26 | 33 | | | | | | | | | 09 | 1 |
| 06 | | | | | | | | | | | | | | |
| 011 | 909 | 98993 | | | 175 | 96990 | | | 635 | 95993 | | | 03 | 6 |
| 180 | 900 | 02999 | | | 167 | 94997 | | | | | | | 03 | 5 |
| 260 | 101 | 43 | | | | | | | | | | | 03 | 8 |
| 447 | 329 | 89964 | | | 972 | 08 7 | | | | | | | 03 | 8 |
| 610 | 540 | 84988 | 31 | 50 | 250 | 04 1 | 30 | 75 | | | | | 05 | 5 |
| 07 | | | | | | | | | | | | | | |
| 110 | 942 | 91 0 | 28 | 42 | 204 | 12 4 | 29 | 69 | 629 | 12**1 | 29 | 26 | 02 | 5 |
| 145 | 945 | 89072 | | | 210 | 11 7 | | | 643 | 08**4 | | | 02 | 8 |
| 190 | 944 | 88997 | | | 210 | 09 0 | | | | | | | 03 | 8 |
| 480 | 958 | 89044 | | | 225 | 05 4 | | | 666 | 08**0 | | | 02 | 8 |
| 510 | 960 | 86943 | 30 | 24 | 228 | 08 4 | 30 | 34 | 655 | 14**0 | 29 | 40 | 02 | 5 |
| 645 | 959 | 88992 | | | 226 | 05 7 | | | 663 | 09**4 | | | 02 | 8 |
| 08 | | | | | | | | | | | | | | |
| 509 | 101 | 43 | | | | | | | | | | | 03 | 1 |
| 521 | 965 | 8797 | | | 236 | 03995 | | | 664 | 13990 | | | 14 | 8 |
| 536 | 970 | 86994 | | | 239 | 05994 | | | 667 | 09999 | | | 14 | 8 |
| 10 | | | | | | | | | | | | | | |
| 384 | 920 | 96993 | 25 | 57 | 191 | 93998 | 25 | 86 | 651 | 98990 | | | 03 | 5 |
| 419 | 101 | 43 | | | | | | | | | | | 02 | 2 |
| 633 | 933 | 88996 | | | 201 | 00990 | | | 658 | 97992 | | | 03 | 5 |
| 866 | 947 | 89991 | 29 | 75 | 215 | 00990 | 27 | 68 | | | | | 03 | 5 |
| 11 | | | | | | | | | | | | | | |
| 030 | 939 | 90 5 | | | | | | | | | | | 03 | 5 |
| 567 | 926 | 93990 | | | | | | | | | | | 05 | 5 |
| 16 | | | | | | | | | | | | | | |
| 596 | | | | | | | | | | | | | | |
| 17 | | | | | | | | | | | | | | |
| 606 | 201 | 84430 | | | 127 | 47 0 | | | 539 | 02**0 | | | 02 | 7 |
| 42 | | | | | | | | | | | | | | |
| 182 | 969 | 77 | | | 246 | 03 | | | | | | | 15 | 8 |
| 339 | 965 | 80 | | | | | | | | | | | 18 | 8 |

| Index No. iii | 1st. 5th. etc. Level PPP | TTTTT ddx | 2nd. 6th. etc. Level PPP | TTTTT ddx | 3rd. 7th. etc. Level PPP | TTTTT ddx | 4th. 8th. etc. Level PPP | TTTTT ddx | Hour GG | Code Type |
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| 030 | 007 | 06054 | 908 | 06503 | 792 | 54601 | 760 | 55615 | 03 | 5 |
| 384 | 979 | 09091 | 964 | 10099 | 924 | 07017 | 906 | 08006 | 03 | 5 |
| 415 | 006 | 13112 | 822 | 00008 | 802 | 00508 | 630 | 60635 | 03 | 8 |
| 02 | | | | | | | | | | |
| 057 | 005 | 06052 | 981 | 05031 | 738 | 51540 | 648 | 58609 | 03 | 8 |
| 077 | 000 | 12115 | 912 | 10075 | 587 | 59619 | 294 | 97990 | 03 | 5 |
| 084 | 003 | 14127 | 982 | 13118 | 921 | 09083 | 850 | 08061 | 03 | 8 |
| 03 | | | | | | | | | | |
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| 026 | 013 | 54520 | | | | | | | 02 | 2 |
| 171 | 017 | 53480 | 760 | 36230 | 680 | 23110 | 660 | 24120 | 02 | 7 |
| 322 | 018 | 57470 | | | | | | | 08 | 2 |
| 476 | | | | | | | | | | |
| 743 | 006 | 51490 | 996 | 56520 | 828 | 38270 | 797 | 43090 | 02 | 2 |
| 808 | 013 | 63530 | | | | | | | 08 | 2 |
| 917 | 018 | 44470 | 868 | 37290 | 819 | 40190 | 782 | 40*** | 02 | 2 |
| 953 | 021 | 56 0 | 997 | 57 0 | 899 | 45**0 | 864 | 50**0 | 03 | 2 |
| 04 | | | | | | | | | | |
| 018 | | 10096 | 860 | 55568 | 758 | 52074 | | 52689 | 03 | 1 |
| 202 | 009 | 04048 | 892 | 51547 | 875 | 00533 | 804 | 54584 | 03 | 1 |
| 231 | 006 | 04018 | 950 | 07003 | | | 725 | 56582 | 09 | 1 |
| 270 | 013 | 05032 | 908 | 05511 | 748 | 55594 | 548 | 67828 | 09 | 1 |
| 06 | | | | | | | | | | |
| 011 | 010 | 09368 | 864 | 51533 | 823 | 03534 | 266 | 02997 | 03 | 6 |
| 180 | 008 | 12111 | | 12106 | 285 | 04998 | 239 | 95999 | 03 | 5 |
| 260 | 017 | 14114 | 002 | 16085 | 953 | 12057 | 908 | 07024 | 03 | 8 |
| 447 | 007 | 10101 | 988 | 12100 | 905 | 06024 | 895 | 06024 | 03 | 8 |
| 610 | 962 | 13129 | 929 | 77125 | 887 | 15102 | 813 | 07075 | 05 | 5 |
| 07 | | | | | | | | | | |
| 110 | 101 | 10091 | 985 | 08052 | 920 | 03025 | 888 | 07002 | 02 | 5 |
| 145 | 002 | 10073 | 980 | 11106 | 950 | 11064 | 850 | 05544 | 02 | 8 |
| 190 | 001 | 15125 | 990 | 17126 | 940 | 14095 | 924 | 15097 | 03 | 8 |
| 480 | 995 | 22091 | 895 | 18082 | 800 | 11030 | 700 | 06530 | 02 | 8 |
| 510 | 015 | 20151 | 990 | 20159 | 935 | 20139 | 900 | 18127 | 02 | 5 |
| 645 | 009 | 21189 | 005 | 22208 | 955 | 22177 | 900 | 18124 | 02 | 8 |
| 08 | | | | | | | | | | |
| 509 | 013 | 20194 | 957 | 18171 | 566 | 55622 | 465 | 63707 | 03 | 1 |
| 521 | 008 | 26183 | 960 | 21154 | 910 | 21097 | 878 | 19064 | 14 | 8 |
| 536 | 007 | 34152 | 968 | 29167 | 646 | 01535 | 604 | 00673 | 14 | 8 |
| 10 | | | | | | | | | | |
| 384 | 007 | 13124 | 808 | 02526 | 687 | 57583 | 658 | 56657 | 03 | 5 |
| 419 | 987 | 54470 | 957 | 58490 | 662 | 17090 | 633 | 17090 | 02 | 2 |
| 633 | 003 | 11088 | 963 | 13072 | 899 | 08052 | 774 | 50541 | 03 | 5 |
| 866 | 957 | 16132 | 930 | 14092 | 650 | 52526 | 563 | 60618 | 03 | 5 |
| 11 | | | | | | | | | | |
| 030 | 994 | 18142 | 960 | 18104 | 905 | 14052 | 815 | 07053 | 03 | 5 |
| 567 | 982 | 14105 | 766 | 51536 | 563 | 61639 | 515 | 67528 | 05 | 5 |
| 16 | | | | | | | | | | |
| 596 | 000 | 72590 | 989 | 81520 | 760 | 61270 | 662 | 48220 | 02 | 2 |
| 17 | | | | | | | | | | |
| 606 | 979 | 71710 | 960 | 72700 | 938 | 76570 | 641 | 44130 | 02 | 7 |
| 42 | | | | | | | | | | |
| 182 | 973 | 3027 | 910 | 2825 | 635 | 0606* | 612 | 0600* | 15 | 8 |
| 339 | 974 | 2725 | 965 | 2725 | 840 | 1818* | 686 | 0909* | 18 | 8 |

| Index No. iii | 1st. 5th. etc. Level PPP | TTTTT ddx | 2nd. 6th. etc. Level PPP | TTTTT ddx | 3rd. 7th. etc. Level PPP | TTTTT ddx | 4th. 8th. etc. Level PPP | TTTTT ddx | Hour GG | Code Type |
|---|---|---|---|---|---|---|---|---|---|---|
| 01 | | | | | | | | | | |
| 001 | 400 | 90925 | 358 | 96995 | | | | | 03 | 8 |
| 030 | 752 | 54616 | 400 | 91 7 | 262 | 19**7 | 240 | 18**2 | 03 | 5 |
| 384 | 888 | 07046 | 876 | 07046 | 825 | 04016 | 771 | 50525 | 03 | 5 |
| 415 | 400 | 84886 | 313 | 98025 | 271 | 06992 | 219 | 96997 | 03 | 8 |
| 02 | | | | | | | | | | |
| 057 | 630 | 59603 | 253 | 09998 | 249 | 10990 | 228 | 01993 | 03 | 8 |
| 077 | 261 | 01991 | 208 | 90993 | 098 | 88998 | | | 03 | 5 |
| 084 | 721 | 53552 | 694 | 54572 | 650 | 57618 | 280 | 03999 | 03 | 8 |
| 03 | | | | | | | | | | |
| 005 | | | | | | | | | | |
| 026 | | | | | | | | | | |
| 171 | 727 | 47 0 | 202 | 23 0 | 195 | 34**0 | 076 | 45**0 | 02 | 7 |
| 322 | | | | | | | | | | |
| 476 | | | | | | | | | | |
| 743 | 614 | 28720 | 583 | 23870 | 472 | 08000 | 230 | 35**0 | 02 | 2 |
| 808 | | | | | | | | | | |
| 917 | 580 | 14050 | 564 | 15110 | 192 | 27**0 | 182 | 28**0 | 02 | 2 |
| 953 | 740 | 39 0 | 623 | 28 0 | 591 | 26**0 | 519 | 13**0 | 03 | 2 |
| 04 | | | | | | | | | | |
| 018 | 682 | 55608 | 563 | 60647 | 594 | 64807 | 400 | 83918 | 03 | 1 |
| 202 | 736 | 56714 | 574 | 69831 | 400 | 87999 | 288 | 04994 | 03 | 1 |
| 231 | 430 | 79904 | 400 | 83995 | 358 | 90990 | 237 | 83015 | 09 | 1 |
| 270 | 400 | 94998 | 360 | 90990 | 296 | 98999 | 266 | 00990 | 09 | 1 |
| 06 | | | | | | | | | | |
| 011 | 062 | 93998 | 906 | | | | | | 03 | 6 |
| 180 | 111 | | | | | | | | 03 | 5 |
| 260 | 877 | 04517 | 767 | 52572 | 682 | 58664 | 646 | 58727 | 03 | 8 |
| 447 | 780 | 51531 | 730 | 51551 | 520 | 66810 | 475 | 67834 | 03 | 8 |
| 610 | 792 | 06064 | 771 | 07553 | 704 | 02679 | 673 | 01707 | 05 | 5 |
| 07 | | | | | | | | | | |
| 110 | 850 | 06533 | 700 | 50681 | 562 | 58703 | 519 | 60712 | 02 | 5 |
| 145 | 805 | 05614 | 736 | 05675 | 629 | 50786 | 600 | 52817 | 02 | 8 |
| 190 | 892 | 10062 | 757 | 03551 | 710 | 01582 | 653 | 52644 | 03 | 8 |
| 480 | 532 | 54705 | 425 | 67845 | 300 | 89044 | 198 | 06**0 | 02 | 8 |
| 510 | 825 | 13072 | 725 | 08512 | 700 | 05530 | 668 | 04559 | 02 | 5 |
| 645 | 860 | 17119 | 825 | 15698 | 817 | 12077 | 780 | 12057 | 02 | 8 |
| 08 | | | | | | | | | | |
| 509 | 400 | 72791 | 314 | 85891 | 101 | 55*** | | | 03 | 1 |
| 521 | 862 | 2006 | 790 | 17529 | 646 | 03559 | 637 | 03649 | 14 | 8 |
| 536 | 586 | 01994 | 400 | 69993 | 158 | 13999 | 120 | 16999 | 14 | 8 |
| 10 | | | | | | | | | | |
| 384 | 620 | 60736 | 535 | 68771 | 456 | 74872 | 400 | 83990 | 03 | 5 |
| 419 | | | 433 | 85700 | 361 | 54500 | 295 | 50**0 | 02 | 2 |
| 633 | 716 | 53641 | 683 | 53685 | 565 | 62795 | 400 | 77990 | 03 | 5 |
| 866 | 550 | 59653 | 508 | 62847 | 480 | 63993 | 400 | 74990 | 03 | 5 |
| 11 | | | | | | | | | | |
| 030 | 667 | 51534 | 612 | 54609 | 410 | 75407 | 400 | 75885 | 03 | 5 |
| 567 | 185 | 95982 | | | | | | | 05 | 5 |
| 16 | | | | | | | | | | |
| 596 | 582 | 32180 | 490 | 18900 | 479 | 19840 | 318 | 82500 | 02 | 1 |
| 17 | | | | | | | | | | |
| 606 | 620 | 44110 | 587 | 36810 | 385 | 0*510 | 318 | **400 | 02 | 7 |
| 42 | | | | | | | | | | |
| 182 | 465 | 58 | 147 | 24 | 121 | 25*** | | | 15 | 8 |
| 339 | 625 | 0505 | 384 | 69 | 374 | 67*** | 240 | 94*** | 18 | 8 |

JULY 30

## RADIOSONDE AND RAWINSONDE DATA

| Index No. iii | Station Name | 1000 mb. | | | | 850 mb. | | | | 700 mb. | | | | 500 mb. | | | | Hour | Code Type |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | hhh | TTTTT | dd | ff | hhh | TTTTT | dd | ff | hhh | TTTTT | dd | ff | hhh | TTTTT | dd | ff | GG | |
| 475 | BAMRAULI AL | 503 | | | | 140 | 2018 | | | 305 | 1007* | | | 577 | 5558* | | | 15 | 8 |
| 867 | NAGPUR | 501 | | | | 142 | 2217 | | | 309 | 1409* | | | 587 | 5050* | | | 15 | 8 |
| 909 | VERAVAL | 501 | | | | 141 | 2018 | | | 307 | 1208* | | | 582 | 5360* | | | 14 | 8 |
| | BLOCK 43 | | | | | | | | | | | | | | | | | | |
| 063 | POONA | 001 | | | | 143 | 2016 | | | 309 | 1208* | | | 585 | 51*** | | | 14 | 8 |
| 149 | VIZAGAPATAM | 501 | | | | 142 | 2212 | | | 308 | 1006* | | | 583 | 5456* | | | 14 | 8 |
| 279 | MADRAS | 001 | 3221 | | | 145 | 1917 | | | 309 | 0707* | | | 579 | 56*** | | | 14 | 8 |
| 371 | TRIVANDRUM | 007 | 2523 | | | 149 | 1716 | | | 313 | 1002* | | | 587 | 55*** | | | 15 | 8 |
| | BLOCK 45 | | | | | | | | | | | | | | | | | | |
| 007 | KAI TAK | 005 | 26250 | | | 147 | 19160 | | | 341 | 10050 | | | 585 | 51**0 | | | 22 | 8 |
| | BLOCK 47 | | | | | | | | | | | | | | | | | | |
| 212 | ZINSEN | 033 | 28209 | | | 050 | 09061 | | | *** | ***** | | | *** | ***** | | | 03 | 1 |
| 401 | WAKKANAI | 056 | 16134 | | | 506 | 15054 | | | 038 | 11551 | | | 940 | 00641 | | | 03 | 1 |
| 412 | SAPPORO DCMO | 049 | 23144 | | | 505 | 16064 | | | 044 | 12547 | | | 949 | 00651 | | | 03 | 1 |
| 580 | MISAWA | 051 | 16142 | 10 | 11 | 505 | 13131 | 13 | 11 | 038 | 09940 | 12 | 2 | 933 | 52990 | 10 | 43 | 03 | 1 |
| 590 | SENDAI DCMO | 044 | 18184 | | | 494 | 14123 | | | 028 | 09022 | | | 917 | 56652 | | | 03 | 1 |
| 600 | WAJIMA | 039 | 24211 | | | 495 | 17163 | | | 027 | 10061 | | | 926 | 54598 | | | 03 | 1 |
| 635 | NAGOYA | 046 | 24224 | 36 | 9 | 507 | 15097 | 24 | 5 | 041 | 09601 | 23 | 7 | 924 | 57622 | 24 | 13 | 03 | 1 |
| 646 | TATENO | 039 | 24201 | | | 500 | 19161 | | | 038 | 11023 | | | 932 | 53614 | | | 03 | 1 |
| 671 | TOKYO | 042 | 25211 | 04 | 16 | 507 | 19137 | 07 | 5 | 048 | 11514 | 26 | 9 | 943 | 54995 | 23 | 23 | 05 | 1 |
| 778 | SHIONOMISAKI | 029 | 22172 | | | 500 | 18101 | | | 034 | 09526 | | | 923 | 56691 | | | 03 | 1 |
| 808 | ITAZUKE | 032 | 32218 | 17 | 4 | 505 | 20171 | 15 | 8 | 045 | 11154 | 16 | 11 | 943 | 53993 | 03 | 3 | 03 | 1 |
| 827 | KAGOSHIMA | 032 | 29245 | 15 | 12 | 495 | 18157 | 15 | 14 | 030 | 09044 | 17 | 19 | 879 | 55621 | 15 | 14 | 03 | 1 |
| | BLOCK 60 | | | | | | | | | | | | | | | | | | |
| 120 | PORT LYAUTEY | 037 | 24164 | | | 502 | 21081 | | | 041 | 06990 | | | *** | ***** | | | 03 | 6 |
| 155 | CASABLANCA | | | | | 560 | 22524 | 05 | 6 | 207 | 11645 | | | 950 | 56*** | | | 02 | 5 |
| 390 | M BLANCHE | 135 | 22224 | 00 | | 570 | 20073 | | | 190 | 06586 | | | 862 | 60798 | | | 02 | 5 |
| | BLOCK 62 | | | | | | | | | | | | | | | | | | |
| 053 | BENINA | 039 | | | | 500 | 69340 | | | 043 | 56180 | | | 944 | 33710 | | | 02 | 7 |
| 366 | FAROUK | | | | | 460 | 22502 | 34 | 8 | 095 | 05**5 | 05 | 8 | 853 | 50**1 | 02 | 11 | 03 | 5 |
| | BLOCK 70 | | | | | | | | | | | | | | | | | | |
| 026 | BARROW | 011 | 09052 | 27 | 9 | 455 | 07013 | 20 | 25 | 970 | 50637 | 22 | 27 | 826 | 66829 | 21 | 25 | 03 | 1 |
| 133 | KOTZEBUE | 024 | 16073 | 19 | 12 | 160 | 06 2 | 20 | 13 | 983 | 51648 | 21 | 16 | 836 | 68829 | 19 | 28 | 03 | 1 |
| 200 | NOME | 030 | 09072 | 21 | 10 | 466 | 04521 | 19 | 10 | 977 | 52669 | 18 | 10 | 825 | 70819 | 15 | 12 | 03 | 1 |
| 204 | GAMBELL | 017 | 07061 | | | 455 | 06026 | | | 910 | 52623 | | | 818 | 70842 | | | 03 | 1 |
| 219 | BETHEL | 032 | 11056 | 20 | 7 | 470 | 01001 | | | 974 | 56598 | | | 806 | 75825 | | | 03 | 1 |
| 231 | MCGRATH | 033 | | | | 477 | 03509 | 20 | 15 | 987 | 53617 | | | 833 | 70810 | | | 03 | 1 |
| 261 | FRBNKS WEEKS | 026 | | | | 474 | 07026 | 28 | 8 | 988 | 53553 | 20 | 5 | *** | ***** | | | 03 | 1 |
| 273 | ANCH MERRILL | 041 | 12109 | 16 | 3 | 482 | 03012 | 17 | 9 | 990 | 55552 | 18 | 8 | 833 | 71744 | 13 | 18 | 03 | 1 |
| 291 | NORTHWAY | 026 | | | | 474 | 06027 | 28 | 5 | 985 | 54579 | 06 | 2 | 829 | 71746 | | | 03 | 1 |
| 350 | KODIAK | 042 | 09055 | | | 476 | 01507 | | | 983 | 57602 | | | 822 | 73792 | | | 03 | 1 |
| 361 | YAKUTAT | 052 | 09086 | | | 489 | 02500 | | | 996 | 56604 | | | 101 | 58*** | | | 03 | 1 |
| 381 | JUNEAU | 056 | 10084 | 11 | 12 | 494 | 01004 | | | 000 | 56586 | | | 840 | 71774 | | | 03 | 1 |
| 398 | ANNETTE IS | 061 | 12084 | | | 499 | | | | 009 | 53993 | 27 | 19 | 858 | 68995 | | | 03 | 1 |
| 409 | MASSACRE BAY | | | | | | | | | | | | | | | | | | |
| 439 | AMCHITKA | 040 | 08078 | 14 | 12 | 482 | 06004 | 17 | 9 | 003 | 02663 | 27 | 21 | 877 | 56807 | 30 | 31 | 03 | 1 |
| 454 | LONGVIEW | 101 | 43 | | | | | | | *** | ***** | | | *** | ***** | | | 03 | 1 |
| 485 | FORT GLENN | 101 | 43 | | | | | | | *** | ***** | | | *** | ***** | | | 03 | 1 |
| | BLOCK 72 | | | | | | | | | | | | | | | | | | |
| 202 | MIAMI | 045 | 26223 | 00 | | 511 | 18145 | 04 | 7 | 049 | 09552 | 04 | 10 | 940 | 56990 | 05 | 14 | 03 | 1 |
| 208 | CHARLESTON | 042 | 27252 | 20 | 6 | 511 | 20079 | 16 | 5 | 050 | 09551 | 03 | 10 | 937 | 57737 | 02 | 7 | 03 | 1 |
| 211 | TAMPA | 046 | 27231 | 36 | 11 | 514 | 19132 | 03 | 2 | 051 | 07057 | 06 | 12 | 936 | 56688 | | | 03 | 1 |
| 219 | ATLANTA | 044 | | | | 517 | 21141 | 28 | 5 | 058 | 10532 | 14 | 4 | 946 | 56999 | 34 | 10 | 03 | 1 |
| 231 | NEW ORLEANS | 044 | 27216 | 36 | 5 | 512 | 19146 | 04 | 14 | 050 | 09046 | 08 | 11 | 941 | 56997 | 11 | 14 | 03 | 1 |
| 240 | LAKE CHARLES | 056 | 28246 | | | 524 | 20083 | | | 063 | 10545 | | | 954 | 56992 | | | 03 | 1 |
| 250 | BROWNSVILLE | 045 | 26221 | 14 | 12 | 512 | 21534 | 13 | 10 | 052 | 10572 | 13 | 5 | 939 | 57712 | 06 | 20 | 03 | 1 |
| 253 | SAN ANTONIO | 044 | | | | 514 | 21099 | 21 | 14 | 056 | 10574 | 22 | 4 | 948 | 55727 | 04 | 4 | 03 | 1 |
| 259 | FT WORTH | 037 | | | | 512 | 22174 | 21 | 12 | 056 | 11033 | 33 | 10 | 950 | 55678 | 27 | 3 | 03 | 1 |
| 265 | BIG SPRING | 030 | | | | 507 | 24117 | 18 | 16 | 052 | 11031 | 00 | | 943 | 56664 | 09 | 2 | 03 | 1 |
| 270 | EL PASO | 020 | | | | 500 | 28109 | 16 | 13 | 052 | 12058 | 10 | 15 | 946 | 56712 | 07 | 20 | 03 | 1 |
| 278 | PHOENIX | 021 | | | | 501 | 28096 | | | 054 | 14017 | | | 948 | 57609 | | | 04 | 1 |
| 304 | HATTERAS | 042 | 27243 | 23 | 10 | 511 | 19152 | 32 | 6 | 050 | 10529 | 35 | 16 | 940 | 57611 | 02 | 11 | 03 | 1 |
| 317 | GREENSBORO | 043 | | | | 512 | 20152 | 27 | 10 | 050 | 08023 | 31 | 9 | 934 | 57609 | 31 | 7 | 03 | 1 |
| 327 | NASHVILLE | 045 | | | | 517 | 20155 | 26 | 6 | 056 | 09061 | 27 | 9 | *** | ***** | | | 03 | 1 |
| 340 | LITTLE ROCK | 044 | 28235 | 22 | 6 | 514 | 20146 | 20 | 3 | 054 | 11524 | 24 | 7 | 947 | 55695 | 26 | 8 | 03 | 1 |
| 353 | OKLAHOMA CITY | 045 | | | | 513 | 20161 | 11 | 10 | 055 | 09097 | 23 | 20 | 944 | 57583 | 31 | 10 | 04 | 1 |
| 365 | ALBUQUERQUE | 016 | | | | 501 | | | | 055 | 15033 | 12 | 10 | 952 | 57644 | 01 | 15 | 03 | 1 |
| 386 | LAS VEGAS | 017 | | | | 501 | 29053 | 07 | 6 | 055 | 14003 | 10 | 3 | 952 | 56993 | | | 03 | 1 |
| 394 | SANTA MARIA | 043 | 15122 | 27 | 7 | 499 | 21523 | 14 | 21 | 039 | 12612 | 18 | 25 | 932 | 57676 | 21 | 33 | 03 | 1 |
| 405 | WASHINGTON | 037 | 29226 | | | 507 | 20121 | | | 048 | 10551 | | | 935 | 58701 | | | 03 | 1 |
| 445 | COLUMBIA | 042 | | | | 508 | 19131 | 10 | 4 | 045 | 08043 | 29 | 18 | 935 | 55607 | 30 | 23 | 03 | 1 |
| 451 | DODGE CITY | 045 | | | | 509 | 20149 | 06 | 7 | 053 | 11056 | | | 945 | 54738 | | | 03 | 1 |
| 458 | CONCORDIA | | | | | | | | | | | | | | | | | | |
| 476 | GRAND JUNC | 015 | | | | 497 | 29501 | 30 | 4 | 054 | 16557 | 33 | 5 | 955 | 55715 | 30 | 18 | 03 | 1 |
| 486 | ELY | 018 | | | | 496 | | | | 049 | 14548 | 20 | 9 | 943 | 59711 | | | 03 | 1 |
| 493 | OAKLAND | 041 | 14127 | 32 | 13 | 497 | 19048 | 17 | 18 | 037 | 12990 | 13 | 19 | 921 | 59996 | 17 | 28 | 03 | 1 |
| 506 | NANTUCKET | 028 | 23156 | 24 | 12 | 494 | 19118 | 30 | 14 | 032 | 09593 | 01 | 16 | 919 | 56992 | 32 | 9 | 04 | 1 |
| 518 | ALBANY | 028 | 23191 | 25 | 8 | 496 | 20082 | 27 | 14 | 035 | 09013 | | | 921 | 56659 | | | 03 | 1 |
| 520 | PITTSBURGH | 041 | | | | 505 | 17141 | 30 | 16 | 040 | 06019 | | | 925 | 57612 | | | 03 | 1 |
| 528 | BUFFALO | 032 | | | | 499 | 19118 | 29 | 16 | 037 | 08046 | | | 925 | 58662 | | | 03 | 1 |
| 534 | CHICAGO | 041 | | | | 501 | 16125 | 35 | 2 | 037 | 08020 | | | 919 | 58606 | | | 03 | 1 |
| 536 | TOLEDO | 038 | | | | 504 | 18147 | 36 | 6 | 043 | 08044 | | | 931 | 55618 | | | 03 | 1 |
| 553 | OMAHA | 055 | | | | 511 | 14028 | 02 | 10 | 042 | 06004 | 33 | 17 | 926 | 57997 | 31 | 32 | 03 | 1 |
| 562 | N PLATTE | 050 | | | | 510 | 15125 | | | 046 | 09541 | | | 933 | 58993 | | | 03 | 1 |
| 576 | LANDER | 017 | | | | 495 | | | | 047 | 14526 | 28 | 11 | 938 | 60671 | 27 | 22 | 03 | 1 |
| 597 | MEDFORD | 029 | | | | 503 | 22067 | 33 | 8 | 046 | 10566 | 16 | 12 | 929 | 59739 | 16 | 12 | 03 | 1 |
| 600 | SABLE ISLAND | 028 | 19197 | | | 490 | 18146 | | | 028 | 07501 | | | 912 | 57706 | | | 03 | 1 |
| 606 | PORTLAND | 034 | 29218 | 25 | 3 | 492 | 19116 | 31 | 13 | 031 | 09521 | 31 | 10 | 916 | 58727 | | | 03 | 1 |
| 655 | ST CLOUD | 055 | | | | 506 | 08047 | 02 | 13 | 029 | 04999 | 30 | 21 | 899 | 62995 | 27 | 27 | 03 | 1 |
| 662 | RAPID CITY | 041 | | | | 505 | 18083 | 19 | 7 | 042 | 09021 | 33 | 10 | 923 | 59697 | | | 03 | 1 |
| 681 | BOISE | 028 | | | | 501 | 25021 | 34 | 13 | 048 | 12536 | 28 | 6 | 935 | 60701 | 24 | 20 | 03 | 1 |
| 712 | CARIBOU | 017 | | | | 482 | 18144 | 29 | 23 | 019 | 08021 | 27 | 27 | 904 | 58652 | 27 | 22 | 03 | 1 |
| 734 | SAULT MARIE | 037 | | | | 487 | 10072 | 33 | 18 | 016 | 07995 | 27 | 29 | 899 | 57734 | 26 | 38 | 03 | 1 |
| 747 | INTL FALLS | 055 | | | | 505 | 08052 | 01 | 11 | 022 | 51571 | 33 | 17 | 884 | 64990 | 28 | 29 | 03 | 1 |
| 764 | BISMARCK | 053 | | | | 509 | 13055 | 16 | 3 | 034 | 01527 | 30 | 29 | 903 | 63786 | 31 | 45 | 03 | 1 |
| 768 | GLASGOW | 036 | | | | 502 | 18027 | | | 035 | 03535 | | | 904 | 62797 | | | 04 | 1 |
| 775 | GREAT FALLS | 027 | | | | 499 | 23001 | | | 039 | 08543 | | | 919 | 59749 | | | 03 | 1 |
| 785 | SPOKANE | 036 | | | | 507 | 20007 | 24 | 10 | 042 | 07534 | 31 | 8 | 925 | 59736 | 26 | 24 | 03 | 1 |
| 798 | TATOOSH IS | 059 | 11103 | 25 | 14 | 508 | 13065 | 32 | 10 | 037 | 05548 | 29 | 13 | 915 | 59992 | 26 | 22 | 03 | 1 |
| 807 | ARGENTIA | 022 | 15159 | | | 476 | 15103 | | | 035 | 08034 | | | 900 | 57622 | | | 02 | 1 |
| 815 | STEPHENVILLE | 010 | 17170 | 27 | 12 | 465 | 13100 | 27 | 33 | 994 | 08991 | 26 | 29 | 882 | 54993 | 27 | 53 | 03 | 1 |
| 816 | GOOSE | 005 | | | | 456 | 10052 | 29 | 4 | 977 | 04569 | 27 | 29 | 853 | 61702 | 25 | 33 | 03 | 1 |
| 826 | NITCHEQUON | 008 | | | | 456 | 06051 | | | 971 | 01646 | | | 830 | 64684 | | | 03 | 1 |
| 836 | MOOSONEE | 039 | 09081 | | | 479 | 04002 | | | 990 | 52571 | | | 846 | 66701 | | | 03 | 1 |
| 867 | THE PAS | 044 | | | | 492 | 11054 | | | 021 | 02593 | | | 882 | ***** | | | 03 | 1 |
| 879 | EDMONTON | 032 | | | | 488 | 13031 | 30 | 19 | 013 | 01618 | 28 | 29 | 871 | 65749 | 27 | 37 | 03 | 1 |
| 896 | PRINCE GEORG | 045 | | | | 498 | 11047 | 29 | 7 | 017 | 51602 | 25 | 25 | *** | 65718 | 27 | 39 | 03 | 1 |
| 906 | FT CHIMO | 101 | 54 | | | | | | | *** | ***** | | | *** | ***** | | | 03 | 1 |
| 907 | PORT HARRISN | 028 | 08053 | | | 464 | 04523 | | | 974 | 53698 | | | 817 | 70997 | | | 03 | 1 |
| 909 | UP FROBISHER | 031 | 04021 | 00 | | 465 | 03522 | 10 | 13 | 972 | 57603 | 00 | | 809 | 72810 | 10 | 19 | 03 | 1 |
| 913 | CHURCHILL | 040 | 21150 | 22 | 8 | 488 | 09058 | 25 | 10 | 101 | 00548 | 27 | 11 | 861 | 68797 | 28 | 15 | 03 | 1 |
| 915 | CORAL HARBOR | 040 | 09046 | | | 479 | 02513 | | | 893 | 56682 | | | 823 | 71768 | | | 03 | 1 |
| 917 | EUREKA | 028 | 06011 | 11 | 4 | 458 | 52568 | 17 | 11 | 952 | 64672 | 17 | 15 | 769 | 78857 | 17 | 27 | 03 | 1 |
| 918 | ARCTIC BAY | 025 | 07057 | | | 456 | 51537 | | | 956 | 60615 | | | 776 | 78815 | | | 03 | 1 |
| 924 | RESOLUTE | 017 | 03030 | 35 | 9 | 443 | 55561 | 05 | 9 | 936 | 62657 | 17 | 7 | 753 | 79822 | 19 | 23 | 03 | 1 |
| 926 | BAKER LAKE | 101 | 59 | | | | | | | *** | ***** | | | *** | ***** | | | 03 | 1 |
| 934 | FT SMITH | 013 | | | | 469 | 11084 | | | 991 | 50513 | | | 850 | 66698 | | | 03 | 1 |
| 938 | COPPERMINE | 101 | 59 | | | | | | | *** | ***** | | | *** | ***** | | | 03 | 1 |
| 945 | FORT NELSON | 028 | | | | 482 | 11021 | | | 001 | 52588 | | | 850 | 68777 | | | 03 | 1 |
| 964 | WHITEHORSE | 034 | | | | 479 | 06515 | 23 | 12 | 990 | 55553 | 22 | 8 | 831 | 72746 | 25 | 7 | 03 | 1 |
| 968 | AKLAVIK | 024 | 22119 | | | 479 | 12013 | | | 996 | 50594 | | | 851 | 67731 | | | 03 | 1 |
| | BLOCK 74 | | | | | | | | | | | | | | | | | | |
| 043 | NORMAN WELLS | 031 | 17127 | | | 474 | 04014 | | | 984 | 55571 | | | 824 | 72773 | | | 03 | 1 |
| 072 | MOULD BAY | 016 | 02003 | | | 441 | 56580 | | | 937 | 60644 | | | 767 | 72816 | | | 03 | 1 |
| 074 | ISACHSEN | 020 | 04032 | | | 447 | 54568 | | | 944 | 63665 | | | 752 | 80848 | | | 03 | 1 |
| 090 | CLYDE RIVER | 030 | 06041 | 00 | | 465 | 03006 | 26 | 3 | 973 | 57592 | 22 | 4 | 806 | 74793 | 23 | 10 | 03 | 1 |
| 109 | PORT HARDY | 060 | 13113 | | | 507 | 09024 | | | 028 | 02520 | | | 906 | 59970 | | | 03 | 1 |
| 188 | MINGAN L PT | 003 | | | | 452 | 17081 | 12 | 10 | 984 | 07529 | 29 | 31 | 870 | 07692 | 26 | 15 | 03 | 1 |
| | BLOCK 76 | | | | | | | | | | | | | | | | | | |
| 458 | MAZATLAN | 036 | 27223 | | | 501 | 18113 | | | 040 | 08037 | | | 928 | 55636 | | | 02 | 1 |
| 491 | C VICTORIA | 035 | | | | 507 | 21072 | | | 044 | 06534 | | | 960 | 58684 | | | 02 | 1 |
| 644 | MERIDA | 049 | 25183 | | | 511 | 16115 | | | 046 | 08531 | | | 930 | 58619 | | | 03 | 1 |
| 679 | TACUBAYA | 026 | | | | 498 | | | | 042 | 09057 | | | 928 | 58609 | | | 03 | 1 |
| | BLOCK 78 | | | | | | | | | | | | | | | | | | |
| 016 | KINDLEY FLD | 470 | 24194 | | | 509 | 17072 | 01 | 1 | 045 | 09659 | 36 | 4 | 931 | 58688 | 10 | 5 | 03 | 1 |
| 395 | VERNAM FIELD | 040 | 26231 | 03 | 3 | 505 | 19101 | 11 | 13 | 046 | 11505 | 08 | 9 | *** | 10569 | 06 | 15 | 03 | 1 |
| 501 | SWAN ISLAND | 004 | 25225 | | | 507 | 16128 | | | 041 | 07036 | | | 928 | 58661 | | | 03 | 1 |
| 525 | SAN JUAN | 045 | 25234 | 11 | 4 | 508 | 17106 | 09 | 10 | 047 | 09584 | 13 | 11 | *** | ***** | | | 03 | 1 |
| 806 | ALBROOK FLD | 031 | 25230 | 31 | 9 | 494 | 17136 | | | 031 | 08504 | 09 | 18 | 917 | 56698 | 08 | 24 | 03 | 1 |
| 967 | CHAGUARAMAS | 042 | 25218 | | | 505 | 15125 | | | 037 | 05027 | | | 919 | 55597 | | | 03 | 1 |
| 972 | WALLER FIELD | 039 | 23221 | 01 | 4 | 501 | 16101 | 05 | 15 | 026 | 08543 | 05 | 20 | 911 | 56993 | 10 | 9 | 03 | 1 |
| | BLOCK 91 | | | | | | | | | | | | | | | | | | |
| 066 | MIDWAY ISL | 059 | 25194 | 07 | 16 | 517 | 12087 | | | 046 | 05534 | 08 | 22 | 921 | 61713 | | | 03 | 1 |
| 115 | IWO JIMA | 532 | | | | 499 | 68 3 | | | 037 | 09997 | | | 924 | 56997 | 06 | 22 | 03 | 1 |
| 182 | HONOLULU | 050 | 24186 | 05 | 9 | 511 | 18133 | 09 | 18 | 047 | 07039 | 10 | 25 | 954 | 54724 | 11 | 21 | 03 | 1 |
| 245 | WAKE ISLAND | | | | | | | | | | | | | | | | | | |
| 366 | KWAJALEIN | 027 | 25249 | 07 | 9 | | 19149 | 11 | 12 | 034 | 10079 | | | 930 | 53587 | 35 | 11 | 03 | 5 |
| 413 | YAP | 020 | 30249 | 10 | 4 | 489 | 18171 | 02 | 6 | 030 | **037 | 36 | 4 | *** | 51*** | 09 | 10 | 03 | 1 |
| | BLOCK 98 | | | | | | | | | | | | | | | | | | |
| 645 | CEBU | 026 | 29232 | | | 496 | 18134 | | | 032 | 10029 | | | 925 | 55649 | | | 03 | 8 |
| QLL | OCEAN STA | | | | | | | | | | | | | | | | | | |
| 034 | 0 355 400 | 073 | 23193 | 10 | 22 | 532 | 15114 | 17 | 5 | 062 | 08622 | | | 948 | 57999 | | | 03 | 9 |
| 035 | 0 340 520 | 056 | 25191 | | | 517 | 15094 | 22 | 14 | 048 | 05041 | 23 | 26 | 928 | 59642 | 22 | 8 | 03 | 9 |
| 037 | 0 360 700 | 039 | 26232 | 22 | 18 | 504 | 18143 | 29 | 11 | 042 | 08049 | 33 | 10 | 928 | 56642 | | | 03 | 9 |
| 044 | 0 450 450 | 048 | 16158 | 20 | 10 | 501 | 13115 | 24 | 8 | 033 | 07533 | 29 | 17 | 918 | 56637 | 31 | 27 | 03 | 9 |
| 051 | 0 538 187 | 021 | 59590 | | | 467 | 50480 | 22 | 40 | 909 | 35310 | 21 | 41 | 851 | 09750 | | | 02 | 2 |
| 053 | 0 527 355 | 024 | 10109 | 25 | 13 | 468 | 09058 | 27 | 16 | 992 | 05591 | 28 | 24 | 867 | 61694 | 28 | 42 | 03 | 9 |
| 055 | 0 565 510 | 503 | | | | 444 | 12093 | 26 | 21 | 969 | 01509 | 27 | 21 | 835 | 63997 | 24 | 32 | 05 | 9 |
| 062 | 0 600 200 | 031 | 50410 | | | 464 | 33290 | 14 | 5 | 970 | 22150 | 16 | 7 | 815 | 96870 | 16 | 7 | 02 | 2 |
| 063 | 0 620 330 | 037 | 07059 | | | 471 | 00007 | | | 975 | 57586 | | | 808 | 74785 | 26 | 10 | 03 | 9 |
| 133 | 1 326 344 | 067 | 17144 | 36 | 24 | 515 | 13537 | 01 | 30 | 045 | 07653 | 01 | 28 | 923 | 59996 | 34 | 29 | 04 | 9 |
| 134 | 1 300 400 | 073 | 18145 | 04 | 19 | 524 | 15522 | 06 | 22 | 055 | 08993 | 05 | 16 | 943 | 57993 | 32 | 17 | 03 | 9 |
| 143 | 1 487 393 | 066 | 16135 | 25 | 26 | 512 | 08062 | 26 | 30 | 035 | 03651 | 27 | 31 | 907 | 62990 | 07 | 26 | 03 | 9 |
| 144 | 1 490 480 | 052 | 13139 | 22 | 25 | 499 | 10091 | 25 | 40 | 024 | 02005 | 25 | 60 | 894 | 62670 | | | 03 | 9 |
| 215 | 2 110 560 | 027 | 27234 | | | 477 | 17121 | | | 025 | 10040 | | | 975 | 54**8 | | | 03 | 6 |
| 223 | 2 292 351 | 037 | 25 | | | 494 | 16 | | | 028 | 08*** | | | 914 | 59*** | | | 03 | 1 |
| 235 | 2 384 532 | 034 | 24 | | | 497 | 21 | | | 044 | 12*** | | | 961 | 06*** | | | 02 | 1 |
| 246 | 2 440 650 | 413 | 17164 | | | 499 | 14118 | | | 028 | 06511 | | | 908 | 58992 | | | 03 | 9 |
| 360 | 3 660 020 | 031 | 09081 | | | 360 | 01019 | | | 904 | 55551 | | | 458 | 74742 | | | 03 | 5 |
| | JULY 31 | | | | | | | | | | | | | | | | | | |
| | BLOCK 01 | | | | | | | | | | | | | | | | | | |
| 001 | JAN MAYEN | 095 | 00511 | | | 390 | 55677 | | | 898 | 60668 | | | 401 | 78847 | | | 03 | 8 |
| 030 | TROMSO | 061 | 07058 | | | 390 | 02024 | | | 913 | 56565 | | | 456 | 74761 | | | 03 | 8 |
| 384 | GARDERMOEN | 065 | 99999 | | | 410 | 05013 | 27 | 11 | 986 | 55573 | 28 | 16 | 526 | 73805 | 26 | 16 | 03 | 5 |
| 415 | SOLA | 098 | 09087 | | | 430 | 04501 | | | 003 | 52581 | | | 607 | 66723 | | | 03 | 8 |
| | BLOCK 02 | | | | | | | | | | | | | | | | | | |
| 057 | LULEA KALLAS | 050 | 08055 | | | 400 | 04522 | | | 948 | 54596 | | | 501 | 73770 | | | 03 | 8 |
| 077 | STOCKHOLM | 063 | 13123 | 09 | 10 | 400 | 04046 | 16 | 4 | 965 | 54556 | 20 | 4 | 530 | 72747 | 29 | 4 | 03 | 5 |
| 084 | GOTEBORG | 060 | 14111 | | | 415 | 07034 | | | 983 | 53571 | | | 564 | 69763 | | | 03 | 8 |
| | BLOCK 03 | | | | | | | | | | | | | | | | | | |
| 005 | LERWICK | 019 | | | | 457 | 40340 | 16 | 15 | 968 | 23180 | 16 | 16 | 819 | 01950 | 26 | 21 | 02 | 2 |
| 026 | STORNOWAY | 539 | | | | 441 | 45450 | 20 | 31 | 960 | 33330 | 19 | 28 | 824 | 08600 | 23 | 27 | 02 | 4 |
| 171 | LEUCHARS | 014 | 58570 | | | 461 | 45480 | | | 981 | 30290 | | | 839 | 03940 | | | 02 | 7 |
| 476 | DOWNHAM MKT | 042 | 60510 | 23 | 30 | 489 | 57490 | 26 | 23 | 013 | 35330 | 26 | 33 | 881 | 13850 | 28 | 39 | 02 | 2 |
| 743 | LARKHILL | 048 | 58530 | | | 494 | 50500 | 25 | 24 | 020 | 39280 | 27 | 36 | 888 | 10800 | 27 | 44 | 02 | 2 |
| 808 | CAMBORNE | 049 | 60590 | 23 | 36 | 499 | 52520 | 26 | 31 | 020 | 39250 | 26 | 37 | 898 | 10950 | 26 | 43 | 02 | 2 |
| 917 | ALDERGROVE | 018 | | | | 464 | 4442 | 25 | 40 | 982 | 37210 | 25 | 40 | 851 | 09930 | 26 | 55 | 02 | 2 |
| 953 | VALENTIA | 035 | 60 0 | | | 483 | 49 0 | | | 006 | 36**0 | | | 882 | 14**0 | | | 03 | 7 |

## RADIOSONDE AND RAWINSONDE DATA— Continued

| Index No. iii | 300 mb. | | | | 200 mb. | | | | 100 mb. | | | | Hour | Code Type |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | hhh | TTTTT | dd | ff | hhh | TTTTT | dd | ff | hhh | TTTTT | dd | ff | GG | |
| 475 | 962 | 76 | | | 244 | 97 | | | | | | | 15 | 8 |
| 867 | 101 | 43 | | | | | | | | | | | 15 | 8 |
| 909 | 969 | 78 | | | | | | | | | | | 14 | 8 |
| 43 | | | | | | | | | | | | | | |
| 063 | 973 | 76 | | | | | | | | | | | 14 | 8 |
| 149 | 969 | 78 | | | | | | | | | | | 14 | 8 |
| 279 | 957 | 83 | | | | | | | | | | | 14 | 8 |
| 371 | 969 | 82 | | | 243 | 02 | | | | | | | 15 | 8 |
| 45 | | | | | | | | | | | | | | |
| 007 | 101 | 50 | | | | | | | | | | | 22 | 8 |
| 47 | | | | | | | | | | | | | | |
| 212 | 101 | 43 | | | | | | | | | | | 03 | 1 |
| 401 | 221 | 75872 | | | 043 | 95992 | | | 505 | 06993 | | | 03 | 1 |
| 412 | 242 | 73884 | | | 181 | 92995 | | | 648 | 07998 | | | 03 | 1 |
| 580 | 207 | 77991 | 10 | 45 | | | | | | | | | 03 | 1 |
| 590 | 176 | 78847 | | | 099 | 97990 | | | 554 | 12990 | | | 03 | 1 |
| 600 | 189 | 82997 | | | 088 | 02992 | | | | | | | 03 | 1 |
| 635 | 268 | 73802 | 28 | 8 | | | | | | | | | 03 | 1 |
| 646 | 205 | 65833 | | | 132 | 96993 | | | 565 | 11998 | | | 03 | 1 |
| 671 | 216 | 75864 | 26 | 15 | | | | | | | | | 05 | 1 |
| 778 | 191 | 79897 | | | | | | | | | | | 03 | 1 |
| 808 | 223 | 72997 | 07 | 6 | 155 | 93999 | 34 | 11 | | | | | 03 | 1 |
| 827 | 144 | 76794 | 08 | 11 | 071 | 93992 | 02 | 10 | | | | | 03 | 1 |
| 60 | | | | | | | | | | | | | | |
| 120 | 101 | 43 | | | | | | | | | | | 03 | 6 |
| 155 | 101 | 43 | | | | | | | | | | | 02 | 5 |
| 390 | 958 | 88022 | | | | | | | | | | | 02 | 5 |
| 62 | | | | | | | | | | | | | | |
| 053 | 218 | 81460 | | | 145 | | | | | | | | 02 | 7 |
| 366 | 101 | 43 | | | | | | | | | | | 03 | 5 |
| 70 | | | | | | | | | | | | | | |
| 026 | 017 | 93990 | 19 | 49 | 880 | 04991 | 18 | 57 | 375 | ***** | | | 03 | 1 |
| 133 | 015 | 95995 | | | 879 | 00990 | | | 388 | 95993 | | | 03 | 1 |
| 200 | 994 | 97994 | 14 | 32 | 860 | 98990 | 07 | 3 | | | | | 03 | 1 |
| 204 | 999 | 94991 | | | 865 | 00990 | | | 364 | 97991 | | | 03 | 1 |
| 219 | 964 | 93992 | | | 864 | 91996 | | | | | | | 03 | 1 |
| 231 | 005 | 97997 | | | 872 | 96994 | | | 390 | ***** | | | 03 | 1 |
| 261 | 101 | 50 | | | | | | | | | | | 03 | 1 |
| 273 | 999 | 98999 | 11 | 27 | 862 | 96991 | 16 | 6 | | | | | 03 | 1 |
| 291 | 997 | 98999 | | | 860 | 97990 | | | 365 | 96999 | | | 03 | 1 |
| 350 | 985 | 94997 | | | 867 | 93995 | | | | | | | 03 | 1 |
| 361 | 101 | 50 | | | | | | | | | | | 03 | 1 |
| 381 | 009 | 96994 | | | 888 | 95997 | | | 389 | 98999 | | | 03 | 1 |
| 398 | 101 | 50 | | | | | | | | | | | 03 | 1 |
| 409 | 067 | 84995 | | | | | | | | | | | 03 | 1 |
| 439 | 118 | 83 | 29 | 30 | 016 | 00990 | 30 | 38 | | | | | 03 | 1 |
| 454 | 108 | 84994 | 29 | 52 | 002 | 00990 | 30 | 97 | | | | | 03 | 1 |
| 485 | 101 | 43 | | | | | | | | | | | 03 | 1 |
| 72 | | | | | | | | | | | | | | |
| 202 | 015 | 26237 | 00 | | 954 | 24227 | | | 721 | 09038 | | | 03 | 1 |
| 208 | 170 | 86943 | 04 | 13 | 048 | 09991 | 36 | 38 | 415 | 16998 | 13 | 24 | 03 | 1 |
| 211 | 174 | 83904 | | | 066 | 05997 | | | | | | | 03 | 1 |
| 219 | 189 | 84990 | | | 076 | 06992 | | | 452 | 17998 | | | 03 | 1 |
| 231 | 184 | 82899 | 06 | 18 | 079 | 03998 | 06 | 15 | 455 | ***** | 06 | 30 | 03 | 1 |
| 240 | 196 | 85994 | | | 078 | 07994 | | | 438 | ***** | | | 03 | 1 |
| 250 | 182 | 83994 | 06 | 27 | 076 | | | | | | | | 03 | 1 |
| 253 | 194 | 82990 | 08 | 18 | 092 | 03990 | 05 | 17 | | | | | 03 | 1 |
| 259 | 202 | 82993 | 27 | 3 | 097 | 03992 | 05 | 9 | | | | | 03 | 1 |
| 265 | 191 | 82931 | 07 | 11 | 089 | 02991 | 04 | 19 | 470 | 21997 | 06 | 19 | 03 | 1 |
| 270 | 195 | 82990 | | | 091 | 04992 | | | | | | | 03 | 1 |
| 278 | 195 | 82944 | | | 087 | 04996 | | | | | | | 04 | 1 |
| 304 | 184 | 82876 | 04 | 27 | 079 | 03998 | 05 | 19 | | | | | 03 | 1 |
| 317 | 175 | 84911 | 03 | 13 | 063 | 06992 | 36 | 22 | 451 | 14999 | | | 03 | 1 |
| 327 | 101 | 50 | | | | | | | | | | | 03 | 1 |
| 340 | 198 | 82994 | 28 | 14 | 096 | 02999 | 34 | 18 | | | | | 03 | 1 |
| 353 | 196 | | | | | | | | | | | | 04 | 1 |
| 365 | 200 | 83991 | 36 | 14 | 097 | 03995 | 34 | 5 | 470 | ***** | | | 03 | 1 |
| 386 | 192 | 84999 | | | 081 | 05990 | | | | | | | 03 | 1 |
| 394 | 169 | 85889 | 19 | 50 | 055 | 05995 | | | 443 | ***** | | | 03 | 1 |
| 405 | 184 | 81994 | | | 083 | 03994 | | | 477 | 16999 | | | 03 | 1 |
| 445 | 185 | 81861 | 25 | 23 | 085 | 03999 | 26 | 26 | 462 | ***** | | | 03 | 1 |
| 451 | 190 | 82992 | | | 086 | 03998 | | | | | | | 03 | 1 |
| 458 | 171 | 83874 | | | 061 | 04999 | | | | | | | 02 | 1 |
| 476 | 199 | 83922 | 26 | 35 | 093 | 03990 | 27 | 44 | 483 | 19990 | 27 | 78 | 03 | 1 |
| 486 | 175 | 85903 | | | 061 | 05997 | | | | | | | 03 | 1 |
| 493 | 145 | 87996 | 18 | 55 | 028 | 03994 | 20 | 49 | 440 | 14999 | | | 03 | 1 |
| 506 | 172 | 81992 | | | 073 | 03992 | | | 447 | 13998 | | | 04 | 1 |
| 518 | 170 | 81917 | | | 065 | 04993 | | | 461 | ***** | | | 03 | 1 |
| 520 | 172 | 82892 | | | 066 | 05991 | | | 458 | ***** | | | 03 | 1 |
| 528 | 176 | 82942 | | | 074 | 03998 | | | | | | | 03 | 1 |
| 534 | 164 | 83997 | | | 052 | 06990 | | | 441 | 12997 | | | 03 | 1 |
| 536 | 992 | 25198 | 23 | 6 | 400 | 67781 | | | 376 | 70821 | | | 03 | 1 |
| 553 | 162 | 84994 | | | 060 | 02997 | | | 452 | 15992 | | | 03 | 1 |
| 562 | 171 | 85997 | | | 061 | 03994 | | | 452 | 16992 | | | 03 | 1 |
| 576 | 162 | 87993 | 27 | 68 | 043 | 04991 | | | 458 | ***** | | | 03 | 1 |
| 597 | 154 | 88997 | 20 | 8 | 029 | 05990 | 20 | 25 | | | | | 03 | 1 |
| 600 | 151 | 83941 | | | 045 | 03991 | | | 455 | ***** | | | 03 | 1 |
| 606 | 159 | 81888 | | | 059 | 03990 | | | 453 | 15992 | | | 03 | 1 |
| 655 | 124 | 84998 | 24 | 61 | 027 | 96996 | 24 | 56 | 476 | 10999 | 26 | 36 | 03 | 1 |
| 662 | 14 | 58799 | 9 | | 02 | 80399 | 50 | | *45 | 9**** | | | 03 | 1 |
| 681 | 156 | 86966 | 27 | 19 | 044 | 02999 | 25 | 49 | 466 | 10999 | | | 03 | 1 |
| 712 | 145 | 83904 | 27 | 38 | 041 | 02992 | 25 | 34 | 458 | ***** | | | 03 | 1 |
| 734 | 139 | 83898 | 25 | 54 | 033 | 02995 | | | 457 | ***** | | | 03 | 1 |
| 747 | 087 | 91994 | 25 | 51 | 984 | 95996 | 25 | 66 | | | | | 03 | 1 |
| 764 | 107 | 92990 | 30 | 54 | 986 | 97995 | | | 440 | 07999 | | | 03 | 1 |
| 768 | 106 | 93990 | | | 966 | 07996 | | | 407 | 06992 | | | 04 | 1 |
| 775 | 134 | 90999 | | | 996 | 08994 | | | | | | | 03 | 1 |
| 785 | 143 | 90992 | 28 | 31 | 009 | 09990 | 28 | 42 | | | | | 03 | 1 |
| 798 | 137 | 88999 | 27 | 38 | 010 | 07995 | 27 | 37 | 445 | ***** | | | 03 | 1 |
| 807 | 151 | 82992 | | | | | | | | | | | 02 | 1 |
| 815 | 127 | 84992 | | | | | | | | | | | 03 | 1 |
| 816 | 087 | 84998 | 77 | 17 | | | | | | | | | 03 | 1 |
| 826 | 035 | 88992 | | | 930 | 96995 | | | 399 | 04990 | | | 03 | 1 |
| 836 | 042 | 88947 | | | 943 | 96999 | | | | | | | 03 | 1 |
| 867 | 090 | 89990 | | | 968 | 98999 | | | 473 | 97998 | | | 03 | 1 |
| 879 | 069 | 93990 | 27 | 54 | 931 | 01993 | 27 | 39 | 412 | 00993 | 27 | 19 | 03 | 1 |
| 896 | 071 | 91996 | 77 | 25 | 933 | 09998 | | | | | | | 03 | 1 |
| 906 | 101 | 54 | | | | | | | | | | | 03 | 1 |
| 907 | 988 | 97997 | | | 861 | 96997 | | | 360 | 98999 | | | 03 | 1 |
| 909 | 981 | 96995 | 11 | 11 | 852 | 97940 | | | | | | | 03 | 1 |
| 913 | | | | | | | | | | | | | | |
| 915 | 989 | 97996 | | | | | | | | | | | 03 | 1 |
| 917 | 908 | 98990 | 17 | 30 | 813 | 89991 | 15 | 9 | | | | | 03 | 1 |
| 918 | 906 | 01994 | | | 791 | 92997 | | | 317 | 94990 | | | 03 | 1 |
| 924 | 894 | 93997 | 25 | 16 | 800 | 89990 | 29 | 10 | | | | | 03 | 1 |
| 926 | 101 | 59 | | | | | | | | | | | 03 | 1 |
| 934 | 040 | 96993 | | | 990 | 98999 | | | 398 | 97994 | | | 03 | 1 |
| 938 | 101 | 59 | | | | | | | | | | | 03 | 1 |
| 945 | 033 | 94993 | | | 919 | 93995 | | | 445 | 94991 | | | 03 | 1 |
| 964 | 001 | 95990 | 25 | 16 | | | | | | | | | 03 | 1 |
| 968 | 055 | 88990 | | | 904 | 06997 | | | 423 | 93999 | | | 03 | 1 |
| 74 | | | | | | | | | | | | | | |
| 043 | 988 | 00999 | | | 834 | 03997 | | | 318 | 98999 | | | 03 | 1 |
| 072 | 936 | 96990 | | | 823 | 91995 | | | 359 | 93995 | | | 03 | 1 |
| 074 | 892 | 90991 | | | | | | | | | | | 03 | 1 |
| 090 | 976 | 95990 | 22 | 29 | 836 | 98999 | | | | | | | 03 | 1 |
| 109 | 131 | 87945 | | | | | | | | | | | 03 | 1 |
| 188 | 108 | 84873 | | | 006 | 01990 | | | | | | | 03 | 1 |
| 76 | | | | | | | | | | | | | | |
| 458 | | | | | | | | | | | | | 02 | 1 |
| 491 | 101 | 50 | | | | | | | | | | | 02 | 1 |
| 644 | 166 | 85913 | | | 052 | 05994 | | | 430 | ***** | | | 03 | 1 |
| 679 | 158 | 85928 | | | 038 | 08991 | | | | | | | 03 | 1 |
| 78 | | | | | | | | | | | | | | |
| 016 | 157 | 88995 | 07 | 11 | 031 | 07995 | 06 | 14 | | | | | 03 | 1 |
| 395 | 162 | 81996 | 02 | 14 | 590 | 03993 | 33 | 13 | | | | | 03 | 1 |
| 501 | 167 | 85951 | | | 063 | 07994 | | | 454 | ***** | | | 03 | 1 |
| 525 | | | | | | | | | | | | | | |
| 806 | 157 | 85998 | 14 | 16 | 027 | 15990 | 09 | 18 | | | | | 03 | 1 |
| 967 | 162 | 86991 | | | | | | | | | | | 03 | 1 |
| 972 | 153 | 86996 | 14 | 8 | 033 | 05998 | 12 | 5 | | | | | 03 | 1 |
| 91 | | | | | | | | | | | | | | |
| 066 | 130 | 91990 | | | 005 | 04998 | | | | | | | 03 | 1 |
| 115 | 161 | 85992 | 07 | 10 | 050 | 04995 | 04 | 16 | 446 | 18993 | | | 03 | 1 |
| 182 | | | | | | | | | | | | | | |
| 245 | 244 | 82928 | 35 | 30 | 064 | 07992 | 35 | 41 | 330 | 20996 | 10 | 24 | 03 | 1 |
| 366 | 192 | 79991 | 11 | 22 | | | | | | | | | 03 | 5 |
| 413 | 101 | 50 | | | | | | | | | | | 03 | 1 |
| 98 | | | | | | | | | | | | | | |
| 645 | 179 | 81865 | | | 080 | 01997 | | | | | | | 03 | 8 |
| QLL | | OCEAN | STA | | | | | | | | | | | |
| 034 | 183 | 86991 | | | 067 | 05991 | | | 469 | ***** | | | 03 | 9 |
| 035 | 159 | 85942 | | | 045 | 05992 | | | 456 | 16996 | | | 03 | 9 |
| 037 | 177 | 82999 | | | 071 | 05993 | | | 458 | 15998 | | | 03 | 9 |
| 044 | 160 | 84872 | 28 | 34 | 050 | 04996 | 27 | 27 | | | | | 03 | 9 |
| 051 | 061 | 23050 | 15 | 59 | 941 | 21266 | | | 427 | 43**0 | 22 | 30 | 02 | 2 |
| 053 | 084 | 89998 | 27 | 50 | 956 | 06997 | 27 | 47 | 413 | ***** | | | 03 | 9 |
| 055 | 047 | 91995 | 28 | 60 | | | | | | | | | 05 | 9 |
| 062 | | | | | 854 | 42 0 | | | 349 | ***** | | | 02 | 2 |
| 063 | 960 | 00990 | 25 | 10 | 843 | 94998 | 27 | 23 | 354 | 96995 | 29 | 13 | 03 | 9 |
| 133 | 150 | 87994 | 30 | 32 | 032 | 03991 | | | | | | | 04 | 9 |
| 134 | 177 | 85998 | 30 | 34 | 061 | 05997 | | | 458 | 17993 | | | 03 | 9 |
| 143 | 126 | 88992 | 26 | 36 | 994 | 11991 | | | | | | | 03 | 9 |
| 144 | 113 | 87948 | | | 985 | 12990 | | | 417 | 04994 | | | 03 | 9 |
| 215 | 101 | 50 | | | | | | | | | | | 03 | 6 |
| 223 | 152 | 82 | | | | | | | | | | | 03 | 1 |
| 235 | 285 | 64 | | | 148 | 87 | | | 664 | 96*** | | | 02 | 1 |
| 246 | 158 | 83992 | | | 056 | 02998 | | | | | | | 03 | 9 |
| 360 | 101 | 43 | | | | | | | | | | | 03 | 5 |
| 01 | | | | | | | | | | | | | | |
| 001 | | | | | | | | | | | | | 03 | 8 |
| 030 | 893 | 04 8 | | | 148 | 02 8 | | | | | | | 03 | 8 |
| 384 | 912 | 98057 | 31 | 42 | 174 | 98997 | 30 | 36 | | | | | 03 | 5 |
| 415 | 999 | 99999 | | | 999 | 99999 | | | | | | | 03 | 8 |
| 02 | | | | | | | | | | | | | | |
| 057 | 902 | 02994 | | | | | | | | | | | 03 | 8 |
| 077 | 907 | 00990 | 23 | 7 | 176 | 92998 | 31 | 18 | | | | | 03 | 5 |
| 084 | 917 | 94995 | | | | | | | | | | | 03 | 8 |
| 03 | | | | | | | | | | | | | | |
| 005 | 002 | 50 0 | 23 | 15 | | | | | | | | | 02 | 2 |
| 026 | 017 | 51 0 | 24 | 38 | 884 | 46 0 | 25 | 34 | | | | | 02 | 4 |
| 171 | 033 | 54 0 | | | 897 | 44 0 | | | 390 | 44**0 | | | 02 | 7 |
| 476 | 096 | 59 0 | 27 | 61 | 965 | 36 0 | 27 | 59 | | | | | 02 | 2 |
| 743 | 098 | 59 0 | 27 | 61 | | | | | | | | | 02 | 2 |
| 808 | 112 | 63520 | 27 | 54 | | | | | | | | | 02 | 2 |
| 917 | 052 | 56 0 | 27 | 60 | | | | | | | | | 02 | 2 |
| 953 | 106 | 64 0 | | | 984 | 34 0 | | | 453 | 39**0 | | | 03 | 7 |

## RADIOSONDE AND RAWINSONDE DATA. SIGNIFICANT LEVELS

| Index No. iii | 1st. 5th. etc. Level | | 2nd. 6th. etc. Level | | 3rd. 7th. etc. Level | | 4th. 8th. etc. Level | | Hour | Code Type |
|---|---|---|---|---|---|---|---|---|---|---|
| | PPP | TTTTT | PPP | TTTTT | PPP | TTTTT | PPP | TTTTT | GG | |
| 475 | 986 | 2826 | 779 | 1414 | 762 | 1413* | 482 | 5757* | 15 | 8 |
| 867 | 965 | 2523 | 400 | 59 | | | | | 15 | 8 |
| 909 | 998 | 2725 | 771 | 1614 | 715 | 1210* | 441 | 58*** | 14 | 8 |
| 43 | | | | | | | | | | |
| 063 | 940 | 2421 | 586 | 5050 | 485 | 52*** | 255 | 85*** | 14 | 8 |
| 149 | 993 | 2927 | 940 | 2523 | 450 | 5959* | 260 | 86*** | 14 | 8 |
| 279 | 000 | 3221 | 982 | 3028 | 650 | 0202* | 250 | 95*** | 14 | 8 |
| 371 | 001 | 2523 | 837 | 1515 | 715 | 0*05* | 693 | 1001* | 15 | 8 |
| 45 | | | | | | | | | | |
| 007 | 005 | 26250 | 950 | 25240 | 900 | 21190 | 800 | 16100 | 22 | 8 |
| 47 | | | | | | | | | | |
| 212 | 005 | 29210 | 964 | 27194 | 865 | 16139 | 836 | 16136 | 03 | 1 |
| 401 | 020 | 17144 | 961 | 14104 | 917 | 15584 | 768 | 11538 | 03 | 1 |
| 412 | 015 | 23137 | 973 | 21121 | 880 | 18088 | 815 | 16036 | 03 | 1 |
| 580 | 014 | 17151 | 900 | 12125 | 830 | 13134 | 782 | 12102 | 03 | 1 |
| 590 | 011 | 20181 | 924 | 13126 | 821 | 14123 | 726 | 11055 | 03 | 1 |
| 600 | 013 | 25221 | 940 | 19189 | 776 | 14093 | 633 | 07012 | 03 | 1 |
| 635 | 014 | 25238 | 943 | 20162 | 789 | 23044 | 549 | 54618 | 03 | 1 |
| 646 | 011 | 24209 | 969 | 22191 | 920 | 21191 | 893 | 21194 | 03 | 1 |
| 671 | 014 | 25219 | 980 | 23198 | 956 | 23199 | 888 | 20144 | 05 | 1 |
| 778 | 005 | 28237 | 916 | 20161 | 809 | 14069 | 555 | 51648 | 03 | 1 |
| 808 | 010 | 33216 | 800 | 15144 | 755 | 15083 | 662 | 08028 | 03 | 1 |
| 827 | 012 | 30249 | 620 | 06502 | 557 | 50577 | 400 | 63718 | 03 | 1 |
| 60 | | | | | | | | | | |
| 120 | 018 | 21801 | 982 | 27130 | 943 | 24110 | 918 | 24075 | 03 | 6 |
| 155 | 008 | 23138 | 995 | 28125 | 960 | 28111 | | 26052 | 02 | 5 |
| 390 | 013 | 21182 | 968 | 25164 | 920 | 24128 | 815 | 17049 | 02 | 5 |
| 62 | | | | | | | | | | |
| 053 | 999 | 81680 | 941 | 67550 | 911 | 82560 | 552 | 32790 | 02 | 7 |
| 366 | 997 | 22205 | 942 | 19167 | 890 | 25037 | 766 | 13584 | 03 | 5 |
| 70 | | | | | | | | | | |
| 026 | 003 | 09064 | 987 | 07048 | 960 | 13075 | 945 | 13055 | 03 | 1 |
| 133 | 008 | 17082 | 884 | 07024 | 612 | 58688 | 560 | 62781 | 03 | 1 |
| 200 | 010 | 10081 | 952 | 05044 | 882 | 03003 | 870 | 05003 | 03 | 1 |
| 204 | 005 | 07066 | 937 | 03013 | 930 | 07055 | 892 | 08062 | 03 | 1 |
| 219 | 011 | 12077 | 883 | 02018 | 599 | 65721 | 550 | 70758 | 03 | 1 |
| 231 | 000 | 16078 | 782 | 51544 | 673 | 55646 | 567 | 63707 | 03 | 1 |
| 261 | 994 | 18126 | 980 | 15097 | 962 | 16082 | 650 | 55589 | 03 | 1 |
| 273 | 010 | 13115 | 400 | 84872 | 358 | 90941 | 264 | 05990 | 03 | 1 |
| 291 | | 15013 | 933 | 14043 | 720 | 53565 | 400 | 83878 | 03 | 1 |
| 350 | 014 | 11053 | 954 | 07045 | 880 | 03016 | 820 | 50521 | 03 | 1 |
| 361 | 018 | 10101 | | | | | | | 03 | 1 |
| 381 | 020 | 10094 | 400 | 83916 | 356 | 90989 | 252 | 98999 | 03 | 1 |
| 398 | 018 | 14091 | 878 | 03006 | | | 816 | 02990 | 03 | 1 |
| 409 | | | | | | | | | | |
| 439 | 008 | 09080 | 915 | 06022 | 880 | 06011 | 832 | 06517 | 03 | 1 |
| 454 | | | | | | | | | | |
| 485 | | | | | | | | | | |
| 72 | | | | | | | | | | |
| 202 | 600 | 02553 | 590 | 01633 | 569 | 00677 | 400 | 66997 | 03 | 1 |
| 208 | 013 | 25257 | 944 | 26186 | 843 | 20066 | 785 | 15996 | 03 | 1 |
| 211 | 015 | 26222 | 638 | 02019 | 605 | 51641 | 558 | 51690 | 03 | 1 |
| 219 | 982 | 29206 | 973 | 30209 | 950 | 29187 | 864 | 21158 | 03 | 1 |
| 231 | 015 | 25239 | 994 | 28211 | 650 | 05006 | 620 | 03556 | 03 | 1 |
| 240 | 019 | 27242 | 874 | 20161 | 791 | 15508 | 763 | 14022 | 03 | 1 |
| 250 | 015 | 25237 | 005 | 26225 | 955 | 23194 | 926 | 25026 | 03 | 1 |
| 253 | 988 | 27204 | 975 | 28202 | 893 | 22176 | 878 | 22114 | 03 | 1 |
| 259 | 993 | 30205 | 974 | 32202 | 789 | 17145 | 746 | 14024 | 03 | 1 |
| 265 | 927 | 29149 | 910 | 29148 | 745 | 14087 | 601 | 02535 | 03 | 1 |
| 270 | 882 | 29123 | 867 | 30115 | 637 | 06031 | 558 | 51633 | 03 | 1 |
| 278 | 970 | 33131 | 960 | 35144 | 728 | 17042 | 505 | 57596 | 04 | 1 |
| 304 | 014 | 27261 | 957 | 27208 | 912 | 25174 | 691 | 10545 | 03 | 1 |
| 317 | 984 | 26192 | 966 | 28188 | 814 | 17133 | 740 | 11014 | 03 | 1 |
| 327 | 996 | 27247 | 980 | 29223 | 696 | 09060 | 101 | 58*** | 03 | 1 |
| 340 | 006 | 28233 | 981 | 29229 | 907 | 24183 | 880 | 23133 | 03 | 1 |
| 353 | 972 | 22198 | 953 | 22171 | 941 | 25186 | 636 | 05058 | 04 | 1 |
| 365 | 841 | 27091 | 465 | 61663 | 400 | 66818 | 343 | 75881 | 03 | 1 |
| 386 | 936 | 35033 | 909 | 34073 | 637 | 05537 | 602 | 05643 | 03 | 1 |
| 394 | 007 | 16131 | 952 | 12104 | 930 | 16133 | 905 | 21047 | 03 | 1 |
| 405 | 010 | 29232 | 978 | 30195 | 660 | 07004 | 595 | 00548 | 03 | 1 |
| 445 | 988 | 21218 | 798 | 14121 | 578 | 50553 | 529 | 53626 | 03 | 1 |
| 451 | 928 | 20170 | 904 | 17151 | 865 | 21154 | 786 | 19134 | 03 | 1 |
| 458 | | | | | | | | | | |
| 476 | 854 | 27514 | 845 | 31017 | 612 | 06574 | 555 | 50676 | 03 | 1 |
| 486 | 813 | 21003 | 801 | 24029 | 400 | 71821 | 276 | 89945 | 03 | 1 |
| 493 | 014 | 16122 | 985 | 13115 | 950 | 14127 | 938 | 20128 | 03 | 1 |
| 506 | 008 | 22196 | 984 | 25224 | 966 | 26191 | 770 | 13522 | 04 | 1 |
| 518 | 000 | 23191 | 955 | 27164 | 778 | 14051 | 641 | 04505 | 03 | 1 |
| 520 | 971 | 22193 | 948 | 25194 | 870 | 18155 | 673 | 04004 | 03 | 1 |
| 528 | 986 | 24231 | 958 | 27202 | 709 | 08043 | 695 | 08046 | 03 | 1 |
| 534 | 994 | 22211 | 565 | 54584 | 400 | 67724 | 384 | 68836 | 03 | 1 |
| 536 | 364 | 70994 | | | | | | | 03 | 1 |
| 553 | 984 | 20164 | 893 | 14107 | 874 | 15526 | 796 | 12072 | 03 | 1 |
| 562 | 923 | 17167 | 909 | 19153 | 815 | 13102 | 807 | 16083 | 03 | 1 |
| 576 | 832 | 24041 | 820 | 27023 | 530 | 56612 | 400 | 71867 | 03 | 1 |
| 597 | 966 | 31107 | 826 | 21053 | 670 | 07604 | 592 | 51581 | 03 | 1 |
| 600 | 010 | 18173 | 983 | 21219 | 943 | 19179 | 920 | 22211 | 03 | 1 |
| 606 | 006 | 21189 | 980 | 30178 | 520 | 57662 | 400 | 67846 | 03 | 1 |
| 655 | 983 | 14113 | 965 | 16108 | 816 | 07021 | 800 | 07532 | 03 | 1 |
| 662 | 907 | 20105 | 893 | 21101 | 755 | 11052 | 740 | 12046 | 03 | 1 |
| 681 | 916 | 26091 | 900 | 29042 | 534 | 56654 | 463 | 64762 | 03 | 1 |
| 712 | 984 | 22185 | 978 | 26185 | 938 | 25152 | 602 | 50563 | 03 | 1 |
| 734 | 988 | 14138 | 936 | 12111 | 888 | 12105 | 837 | 09066 | 03 | 1 |
| 747 | 978 | 12119 | 964 | 16134 | 720 | 51547 | 679 | 51604 | 03 | 1 |
| 764 | 961 | 19121 | 937 | 19076 | 668 | 50595 | 655 | 50685 | 03 | 1 |
| 768 | 941 | 22093 | 923 | 23075 | 687 | 02542 | 619 | 52651 | 04 | 1 |
| 775 | 889 | 24041 | 884 | 26011 | 654 | 02579 | 400 | 73849 | 03 | 1 |
| 785 | 934 | 27025 | 720 | 07541 | 638 | 04593 | 527 | 57673 | 03 | 1 |
| 798 | 018 | 11119 | 590 | 52602 | 551 | 54756 | 526 | 56736 | 03 | 1 |
| 807 | 006 | 15155 | 938 | 18173 | 844 | 15125 | 806 | 15086 | 02 | 1 |
| 815 | 003 | 17177 | 925 | 15149 | 886 | 15148 | 788 | 07029 | 03 | 1 |
| 816 | 996 | 17114 | 975 | 19112 | 815 | 07048 | 640 | 02669 | 03 | 1 |
| 826 | 944 | 22103 | 786 | 02020 | 755 | 01001 | 737 | 02511 | 03 | 1 |
| 836 | 013 | 09097 | 977 | 08061 | 918 | 07053 | 876 | 05047 | 03 | 1 |
| 867 | 984 | 15137 | 960 | 17128 | 839 | 10055 | 819 | 10037 | 03 | 1 |
| 879 | 936 | 18130 | 772 | 07502 | 615 | 56695 | 582 | 59649 | 03 | 1 |
| 896 | 939 | 18101 | 900 | 16051 | 727 | 01524 | 683 | 52657 | 03 | 1 |
| 906 | | | | | | | | | | |
| 907 | 008 | 08067 | 938 | 05034 | 891 | 05028 | 726 | 52671 | 03 | 1 |
| 909 | 009 | 03027 | 900 | 06014 | 812 | 15*** | 726 | 55582 | 03 | 1 |
| 913 | 013 | 21171 | 968 | 20104 | 867 | 10068 | 784 | 05524 | 03 | 1 |
| 915 | 008 | 09054 | 967 | 09027 | 800 | 51533 | 669 | 57771 | 03 | 1 |
| 917 | 010 | 07012 | 651 | 68712 | 630 | 66736 | 558 | 72856 | 03 | 1 |
| 918 | 008 | 07037 | 415 | 90933 | 400 | 91995 | | | 03 | 1 |
| 924 | 005 | 03031 | 410 | 90933 | 356 | 96999 | 224 | 88975 | 03 | 1 |
| 926 | | | | | | | | | | |
| 934 | 981 | 18149 | 953 | 18147 | 939 | 19125 | 616 | 56571 | 03 | 1 |
| 938 | | | | | | | | | | |
| 945 | 967 | 18108 | 938 | 18082 | 892 | 14042 | 792 | 06528 | 03 | 1 |
| 964 | 932 | 13054 | 717 | 54542 | 650 | 58590 | 585 | 63682 | 03 | 1 |
| 968 | 007 | 23123 | 400 | 76835 | 196 | 07997 | 043 | 87994 | 03 | 1 |
| 74 | | | | | | | | | | |
| 043 | 000 | 17127 | 969 | 12066 | 400 | 83888 | 246 | 08998 | 03 | 1 |
| 072 | 004 | 02006 | 603 | 64670 | 532 | 70850 | 441 | 78803 | 03 | 1 |
| 074 | 005 | 04036 | 520 | 81842 | 510 | 79938 | 428 | 89930 | 03 | 1 |
| 090 | 010 | 05041 | 954 | 06051 | 830 | 03006 | 745 | 54565 | 03 | 1 |
| 109 | 020 | 13119 | 954 | 13124 | 927 | 12101 | 884 | 11044 | 03 | 1 |
| 188 | 998 | 13121 | 955 | 23171 | 755 | 09522 | 680 | | 03 | 1 |
| 76 | | | | | | | | | | |
| 458 | 011 | 28831 | 943 | 22192 | 835 | 23186 | 833 | 17101 | 02 | 1 |
| 491 | 975 | 31153 | 788 | 15054 | 740 | 09589 | 692 | 05528 | 02 | 1 |
| 644 | 014 | 26182 | 954 | 21180 | 928 | 21165 | 773 | 12072 | 03 | 1 |
| 679 | 776 | 17084 | 668 | 06044 | 511 | 56576 | 483 | 62643 | 03 | 1 |
| 78 | | | | | | | | | | |
| 016 | 016 | 25191 | 863 | 18093 | 745 | 12636 | 684 | 08655 | 03 | 1 |
| 395 | 010 | 25244 | | | | | 586 | 02640 | 03 | 1 |
| 501 | 014 | 26234 | 962 | 23201 | 820 | 15113 | 795 | 13069 | 03 | 1 |
| 525 | 014 | 26241 | 806 | 15066 | 765 | 15575 | | | 03 | 1 |
| 806 | 010 | 15223 | 810 | 15106 | 543 | 53683 | 515 | 55661 | 03 | 1 |
| 967 | 014 | 26227 | 725 | 08052 | 680 | 06991 | 537 | 59991 | 03 | 1 |
| 972 | 009 | 23225 | 650 | 05612 | 540 | 54997 | 510 | 55995 | 03 | 1 |
| 91 | | | | | | | | | | |
| 066 | 019 | 28192 | 928 | 18151 | 870 | 12098 | 820 | 12058 | 03 | 1 |
| 115 | 999 | 28809 | 965 | 23227 | | | 920 | 22163 | 03 | 1 |
| 182 | 017 | 27215 | 900 | 17155 | 875 | 18167 | 769 | 12042 | 03 | 1 |
| 245 | | | 376 | 72793 | | 0*268 | | | 03 | 1 |
| 366 | 009 | 30225 | 945 | 25221 | 530 | 51573 | | 54581 | 03 | 5 |
| 413 | 005 | 31 | | 09512 | 400 | 65726 | | | 03 | 1 |
| 98 | | | | | | | | | | |
| 645 | 004 | 29235 | 956 | 24201 | 820 | 15117 | 790 | 14083 | 03 | 8 |
| QLL | | OCEAN | STA | | | | | | | |
| 034 | 025 | 85211 | 966 | 21181 | 757 | 10591 | 621 | 03672 | 03 | 9 |
| 035 | 019 | 26808 | 694 | 04039 | 682 | 01564 | 670 | 03563 | 03 | 9 |
| 037 | 013 | 26248 | 575 | 50558 | 535 | 52688 | 524 | 54611 | 03 | 9 |
| 044 | 016 | 15142 | 992 | 17164 | 795 | 10094 | 781 | 06029 | 03 | 9 |
| 051 | 008 | 59590 | 925 | 54530 | 904 | 54520 | 670 | 31260 | 02 | 2 |
| 053 | 008 | 11110 | 913 | 08078 | 895 | 10091 | 623 | 00705 | 03 | 9 |
| 055 | 998 | 08087 | 968 | 08084 | 940 | 14141 | 882 | 11106 | 05 | 9 |
| 062 | 012 | 52430 | 880 | 32320 | 827 | 34250 | 894 | 11130 | 02 | 2 |
| 063 | 013 | 08065 | 770 | 53544 | 400 | 87913 | 378 | 90942 | 03 | 9 |
| 133 | 023 | 19152 | 881 | 08074 | 860 | 14511 | 815 | 12638 | 04 | 9 |
| 134 | 025 | 20152 | 896 | 11091 | 893 | 08041 | 870 | 16502 | 03 | 9 |
| 143 | 023 | 15122 | 842 | 07064 | 820 | 10009 | 662 | 02660 | 03 | 9 |
| 144 | 018 | 14145 | 400 | 73796 | 287 | 90963 | 180 | 16995 | 03 | 9 |
| 215 | 010 | 28851 | 954 | 22805 | 887 | 19360 | 820 | 51080 | 03 | 6 |
| 223 | 013 | 27 | 887 | 16 | 767 | 12*** | 569 | 51*** | 03 | 1 |
| 235 | 012 | 22 | 807 | 21 | 787 | 19*** | 724 | 18*** | 02 | 1 |
| 246 | 014 | 17142 | 990 | 17175 | 880 | 14144 | 853 | 15113 | 03 | 9 |
| 360 | 004 | 09086 | 922 | 03039 | 812 | 00009 | 460 | 76771 | 03 | 5 |
| 01 | | | | | | | | | | |
| 001 | 011 | 04028 | 008 | 00505 | 948 | 51515 | 882 | 55553 | 03 | 8 |
| 030 | 006 | 08061 | 950 | 03031 | 673 | 58581 | 630 | 64640 | 03 | 8 |
| 384 | 984 | 08084 | 963 | 10073 | 937 | 08067 | 888 | 08022 | 03 | 5 |
| 415 | 009 | 10083 | 964 | 08053 | 914 | 07038 | 831 | 02517 | 03 | 8 |
| 02 | | | | | | | | | | |
| 057 | 006 | 07053 | 982 | 12037 | 780 | 50558 | 741 | 51561 | 03 | 8 |
| 077 | 005 | 14121 | 680 | 55563 | 619 | 62641 | 601 | 61636 | 03 | 5 |
| 084 | 007 | 14115 | 935 | 09087 | 897 | 10062 | 644 | 57634 | 03 | 8 |
| 03 | | | | | | | | | | |
| 005 | 997 | 53480 | | | | | | | 02 | 2 |
| 026 | 997 | 57560 | | | | | | | 02 | 4 |
| 171 | 004 | 58570 | 984 | 55550 | 673 | 26240 | 574 | 18040 | 02 | 7 |
| 476 | 011 | 61520 | | | | | | | 02 | 2 |
| 743 | 001 | 59530 | | | | | | | 02 | 2 |
| 808 | 007 | 61600 | | | | | | | 02 | 2 |
| 917 | 998 | 60560 | | | | | | | 02 | 2 |
| 953 | 011 | 61 0 | 914 | 52 0 | 810 | 48**0 | 670 | 32**0 | 03 | 7 |

## RADIOSONDE AND RAWINSONDE DATA. SIGNIFICANT LEVELS

| Index No. iii | 1st. 5th. etc. Level | | 2nd. 6th. etc. Level | | 3rd. 7th. etc. Level | | 4th. 8th. etc. Level | | Hour | Code Type |
|---|---|---|---|---|---|---|---|---|---|---|
| | PPP | TTTTT | PPP | TTTTT | PPP | TTTTT | PPP | TTTTT | GG | |
| 475 | 441 | 6262 | 248 | 83 | 192 | 99*** | | | 15 | 8 |
| 867 | | | | | | | | | | |
| 909 | 311 | 76 | 282 | 80 | | | | | 14 | 8 |
| 43 | | | | | | | | | | |
| 063 | | | | | | | | | | |
| 149 | | | | | | | | | | |
| 279 | | | | | | | | | | |
| 371 | 542 | 0054 | 518 | 5257 | 150 | 17*** | | | 15 | 8 |
| 45 | | | | | | | | | | |
| 007 | 750 | 13090 | 650 | 06030 | 600 | 04570 | 550 | | 22 | 8 |
| 47 | | | | | | | | | | |
| 212 | 808 | 14103 | 727 | 12094 | 637 | 04034 | 543 | 54625 | 03 | 1 |
| 401 | 652 | 10567 | 401 | 60760 | 225 | 83998 | 140 | 05991 | 03 | 1 |
| 412 | 739 | 14512 | 660 | 11553 | 553 | 03627 | 439 | 53699 | 03 | 1 |
| 580 | 735 | 11612 | 550 | 01990 | 535 | 01990 | 400 | 61993 | 03 | 1 |
| 590 | 600 | 01565 | 572 | 00595 | 447 | 62722 | 424 | 63703 | 03 | 1 |
| 600 | 520 | 53563 | 427 | 60706 | 333 | 74846 | 245 | 92995 | 03 | 1 |
| 635 | 473 | 58615 | 400 | 66706 | 259 | 90971 | 157 | 15993 | 04 | 1 |
| 646 | 564 | 50585 | 387 | 65723 | 344 | 68759 | 229 | 89994 | 03 | 1 |
| 671 | 871 | 21121 | 820 | 17139 | 621 | 04599 | 592 | 02573 | 05 | 1 |
| 778 | 468 | 57712 | 392 | 64789 | 317 | 72857 | 235 | 85990 | 03 | 1 |
| 808 | 524 | 51729 | 400 | 60994 | 247 | 83999 | 135 | 10995 | 03 | 1 |
| 827 | 372 | 67768 | 293 | 78871 | 272 | 80891 | 252 | 84995 | 03 | 1 |
| 60 | | | | | | | | | | |
| 120 | 876 | 23102 | 746 | 11528 | 695 | 06994 | 660 | 06994 | 03 | 6 |
| 155 | 820 | 20589 | 526 | 56672 | | | | | 02 | 5 |
| 390 | 759 | 13002 | 691 | 05563 | 660 | 02601 | 613 | 00621 | 02 | 5 |
| 62 | | | | | | | | | | |
| 053 | 531 | 30790 | 165 | 40 0 | | | | | 02 | 7 |
| 366 | 690 | 05 4 | 678 | 08 4 | 620 | 09**7 | 400 | 61**4 | 03 | 5 |
| 70 | | | | | | | | | | |
| 026 | 816 | 04004 | 760 | 02581 | 669 | 53644 | 616 | 57723 | 03 | 1 |
| 133 | 400 | 81921 | 337 | 90001 | 232 | 05996 | 017 | 88996 | 03 | 1 |
| 200 | 820 | 02579 | 685 | 53681 | 618 | 59663 | 400 | 83941 | 03 | 1 |
| 204 | 418 | 79937 | 400 | 81995 | 386 | 82958 | 328 | 89959 | 03 | 1 |
| 219 | 433 | 83918 | 400 | 88951 | 286 | 93995 | 183 | 92990 | 03 | 1 |
| 231 | 503 | 69817 | 456 | 75806 | 405 | 82863 | 355 | 89938 | 03 | 1 |
| 261 | 101 | 58 | | | | | | | 03 | 1 |
| 273 | 150 | 96990 | | | | | | | 03 | 1 |
| 291 | 363 | 89923 | 250 | 06996 | 067 | 94994 | | | 03 | 1 |
| 350 | 743 | 54561 | 680 | 58624 | 625 | 61685 | 572 | 65737 | 03 | 1 |
| 361 | | | | | | | | | | |
| 381 | 092 | 98999 | | | | | | | 03 | 1 |
| 398 | 654 | 56664 | 588 | 61664 | 534 | 64756 | 101 | 68*** | 03 | 1 |
| 409 | | | | | | | | | | |
| 439 | 767 | 06998 | 647 | 91837 | 600 | 91922 | 520 | 57997 | 03 | 1 |
| 454 | | | 270 | 89996 | 210 | 00990 | 154 | 98993 | 03 | 1 |
| 485 | | | | | | | | | | |
| 72 | | | | | | | | | | |
| 202 | 370 | 70999 | | | | | | | 03 | 1 |
| 208 | 730 | 11002 | 676 | 07606 | 656 | 05531 | 644 | 04584 | 03 | 1 |
| 211 | 400 | 69825 | 320 | 80921 | 268 | 89926 | 141 | 21999 | 03 | 1 |
| 219 | 751 | 14022 | 721 | 11026 | 648 | 05674 | 608 | 03675 | 03 | 1 |
| 231 | 595 | 02533 | 542 | 52711 | 400 | 68995 | 347 | 76891 | 03 | 1 |
| 240 | 663 | 07624 | 504 | 55738 | 400 | 69991 | 391 | 70993 | 03 | 1 |
| 250 | 907 | 24517 | 578 | 50598 | 485 | 58736 | 400 | 67998 | 03 | 1 |
| 253 | 646 | 05596 | 685 | 05617 | 600 | 02607 | 582 | 01683 | 03 | 1 |
| 259 | 679 | 09044 | 454 | 60742 | 400 | 66990 | 260 | 90990 | 03 | 1 |
| 265 | 561 | 50618 | 537 | 53604 | 474 | 59687 | 446 | 61777 | 03 | 1 |
| 270 | 450 | 61771 | 400 | 66997 | 143 | 18998 | | | 03 | 1 |
| 278 | 481 | 59674 | 442 | 62668 | 416 | 64799 | 400 | 66824 | 04 | 1 |
| 304 | 571 | 51544 | 551 | 52571 | 400 | 67759 | 270 | 87964 | 03 | 1 |
| 317 | 609 | 00519 | 440 | 63683 | 400 | 69734 | 273 | 90960 | 03 | 1 |
| 327 | | | | | | | | | | |
| 340 | 756 | 13104 | 534 | 52659 | 431 | 62776 | 400 | 66990 | 03 | 1 |
| 353 | 490 | 55563 | 400 | 67747 | 312 | 78835 | | | 04 | 1 |
| 365 | 148 | 19990 | 125 | 23993 | | | | | 03 | 1 |
| 386 | 486 | 58732 | 400 | 69834 | 372 | 71824 | 336 | 76997 | 03 | 1 |
| 394 | 877 | 22562 | 552 | 51689 | 540 | 52639 | 448 | 64690 | 03 | 1 |
| 405 | 542 | 53664 | 468 | 61734 | 448 | 60743 | 400 | 67817 | 03 | 1 |
| 445 | 400 | 66696 | 354 | 72757 | 265 | 87939 | 139 | 20995 | 03 | 1 |
| 451 | 664 | 09518 | 610 | 04601 | 545 | 54601 | 520 | 56658 | 03 | 1 |
| 458 | | | | | | | | | | |
| 476 | 546 | 51624 | 400 | 68831 | 264 | 89979 | 138 | 17992 | 03 | 1 |
| 486 | 163 | 14992 | 138 | 16990 | 128 | 15990 | | | 03 | 1 |
| 493 | 908 | 21110 | 892 | 19092 | 865 | 20505 | 837 | 19072 | 03 | 1 |
| 506 | 731 | 11606 | 663 | 07591 | 616 | 02699 | 400 | 65996 | 04 | 1 |
| 518 | 616 | 03544 | 534 | 55611 | 486 | 58673 | 446 | 62659 | 03 | 1 |
| 520 | 665 | 04527 | 625 | 02513 | 400 | 68738 | 345 | 73814 | 03 | 1 |
| 528 | 627 | 04597 | 517 | 57675 | 508 | 57666 | 498 | 59661 | 03 | 1 |
| 534 | 280 | 87996 | 126 | 19996 | 060 | 06991 | | | 03 | 1 |
| 536 | | | | | | | | | | |
| 553 | 596 | 51603 | 560 | 51706 | 400 | 69996 | 255 | 90990 | 03 | 1 |
| 562 | 793 | 14053 | 727 | 10046 | 685 | 08085 | 633 | 04611 | 03 | 1 |
| 576 | 379 | 74881 | 285 | 89998 | 110 | 13996 | | | 03 | 1 |
| 597 | 538 | 57738 | 460 | 65789 | 431 | 68844 | 400 | 72994 | 03 | 1 |
| 600 | 891 | 21191 | 877 | 23195 | 862 | 19157 | 838 | 17142 | 03 | 1 |
| 606 | 380 | 70991 | 348 | 74896 | 340 | 75824 | 260 | 89977 | 03 | 1 |
| 655 | 726 | 05612 | 713 | 05687 | 462 | 63994 | 400 | 71998 | 03 | 1 |
| 662 | 680 | 07005 | 630 | 03641 | 546 | 56662 | 588 | 57744 | 03 | 1 |
| 681 | 423 | 69752 | 400 | 72794 | 360 | 78895 | 290 | 87975 | 03 | 1 |
| 712 | 562 | 52653 | 524 | 55617 | 483 | 60661 | 470 | 60707 | 03 | 1 |
| 734 | 754 | 10626 | 517 | 55737 | 436 | 65742 | 484 | 66884 | 03 | 1 |
| 747 | 575 | 56737 | 400 | 76991 | 314 | 90990 | 268 | 90999 | 03 | 1 |
| 764 | 620 | 51692 | 455 | 68823 | 400 | 76994 | 320 | 89994 | 03 | 1 |
| 768 | 554 | 57694 | 526 | 60771 | 400 | 76842 | 320 | 89004 | 04 | 1 |
| 775 | 307 | 89004 | 214 | 08994 | 154 | 07998 | | | 03 | 1 |
| 785 | 400 | 72828 | 307 | 89983 | 191 | 09994 | 169 | 07993 | 03 | 1 |
| 798 | 470 | 63794 | 434 | 67797 | 400 | 72865 | 346 | 79999 | 03 | 1 |
| 807 | 630 | 03544 | 480 | 58677 | 400 | 67808 | 354 | 72999 | 02 | 1 |
| 815 | 766 | 11030 | 745 | 08615 | 730 | 10990 | 566 | 51998 | 03 | 1 |
| 816 | 543 | 66709 | 468 | 60768 | 401 | 70994 | 272 | 89994 | 03 | 1 |
| 826 | 592 | 58633 | 563 | 58635 | 485 | 72857 | 400 | 75995 | 03 | 1 |
| 836 | 782 | 01551 | 764 | 00543 | 715 | 50657 | 636 | 56604 | 03 | 1 |
| 867 | 400 | 75854 | 238 | 01996 | 214 | 01992 | 283 | 95995 | 03 | 1 |
| 879 | 537 | 62664 | 400 | 76917 | 221 | 08995 | 178 | 98999 | 03 | 1 |
| 896 | 524 | 66682 | 513 | 64704 | 430 | 72765 | 400 | 76803 | 03 | 1 |
| 906 | | | | | | | | | | |
| 907 | 653 | 57742 | 700 | 63997 | 439 | 77994 | 400 | 82994 | 03 | 1 |
| 909 | 638 | 63685 | | 62714 | 465 | 75844 | 400 | 82*** | 03 | 1 |
| 913 | 675 | 52568 | 595 | 59666 | 532 | 65761 | 400 | 80901 | 03 | 1 |
| 915 | 641 | 59733 | 400 | 83867 | 274 | 00995 | 226 | 96994 | 03 | 1 |
| 917 | 400 | 90943 | 320 | 01996 | 139 | 91992 | 101 | 58*** | 03 | 1 |
| 918 | | | | | | | | | | |
| 924 | 169 | 89998 | | | | | | | 03 | 1 |
| 926 | | | | | | | | | | |
| 934 | 555 | 60615 | 424 | 75876 | 400 | 78865 | 240 | 09990 | 03 | 1 |
| 938 | | | | | | | | | | |
| 945 | 631 | 57633 | 601 | 59651 | 533 | 65714 | 400 | 80881 | 03 | 1 |
| 964 | 454 | 77800 | 400 | 84889 | 248 | 89938 | 300 | 95990 | 03 | 1 |
| 968 | 101 | 58 | | | | | | | 03 | 1 |
| 74 | | | | | | | | | | |
| 043 | 173 | 00900 | 057 | 94999 | | | | | 03 | 1 |
| 072 | 400 | 83861 | 358 | 90930 | 274 | 98997 | 100 | 93995 | 03 | 1 |
| 074 | 400 | 92997 | 340 | 95992 | 250 | 86992 | | | 03 | 1 |
| 090 | 733 | 54565 | 472 | 76829 | 445 | 78872 | 400 | 82893 | 03 | 1 |
| 109 | 794 | 06527 | 664 | 02553 | 605 | 51633 | 400 | 72811 | 03 | 1 |
| 188 | | 50627 | 400 | 69824 | 265 | 90913 | 176 | 06992 | 03 | 1 |
| 76 | | | | | | | | | | |
| 458 | 816 | 17088 | 593 | 50535 | 529 | 53655 | 463 | 60789 | 02 | 1 |
| 491 | 679 | 06588 | 661 | 05655 | 639 | 03566 | 556 | 54618 | 02 | 1 |
| 644 | 736 | 10568 | 618 | 00538 | 567 | 51570 | 435 | 64675 | 03 | 1 |
| 679 | 400 | 70824 | 390 | 71818 | 378 | 73855 | 278 | 89958 | 03 | 1 |
| 78 | | | | | | | | | | |
| 016 | 478 | 61700 | 425 | 68854 | 400 | 70998 | 293 | 90990 | 03 | 1 |
| 395 | 400 | 65783 | | | 175 | 10990 | | | 03 | 1 |
| 501 | 657 | 06522 | 400 | 68817 | 326 | 80862 | 277 | 89989 | 03 | 1 |
| 525 | | | | | | | | | | |
| 806 | 476 | 59744 | 400 | 68994 | 278 | 90990 | 150 | 34994 | 03 | 1 |
| 967 | 400 | 67990 | 220 | 00990 | | | | | 03 | 1 |
| 972 | 400 | 66995 | 285 | 90990 | 185 | 09990 | 140 | 17990 | 03 | 1 |
| 91 | | | | | | | | | | |
| 066 | 590 | 52591 | 510 | 60713 | 460 | 66735 | 435 | 69836 | 03 | 1 |
| 115 | 748 | 12571 | 630 | 05990 | | | 400 | 69992 | 03 | 1 |
| 182 | 676 | 06006 | 664 | 06664 | 639 | 07654 | 580 | 05990 | 03 | 1 |
| 245 | 148 | 12991 | 132 | 23992 | 070 | 15993 | 050 | 98991 | 03 | 1 |
| 366 | 468 | 55707 | 400 | 64996 | 257 | 86998 | 101 | 55*** | 03 | 5 |
| 413 | | | | | | | | | | |
| 98 | | | | | | | | | | |
| 645 | 775 | 15071 | 450 | 60715 | 440 | 60721 | 340 | 74791 | 03 | 8 |
| QLL | | OCEAN | STA | | | | | | | |
| 034 | 571 | 00995 | 280 | 90990 | 132 | 15993 | 104 | 16999 | 03 | 9 |
| 035 | 642 | 03585 | 628 | 02676 | 436 | 66686 | 400 | 70736 | 03 | 9 |
| 037 | 400 | 66812 | 263 | 90990 | 142 | 18996 | 120 | 18998 | 03 | 9 |
| 044 | 775 | 11046 | 759 | 12571 | 682 | 05533 | 648 | 03677 | 03 | 9 |
| 051 | 642 | 29240 | 535 | 14030 | 241 | 52**0 | 212 | 41**0 | 02 | 2 |
| 053 | 415 | 72778 | 400 | 74801 | | | | | 03 | 9 |
| 055 | 865 | 13112 | 664 | 51535 | 651 | 53589 | 643 | 51596 | 05 | 9 |
| 062 | 495 | 95890 | 475 | 94860 | 235 | 26**0 | 157 | 46**0 | 08 | 8 |
| 063 | 230 | 94991 | 071 | 97994 | | | | | 03 | 9 |
| 133 | 605 | 52681 | 593 | 51726 | 400 | 71991 | 187 | 04997 | 04 | 9 |
| 134 | 783 | 08652 | 694 | 08993 | 435 | 65815 | 400 | 71858 | 03 | 9 |
| 143 | 467 | 64716 | 400 | 73795 | 195 | 12995 | 138 | 06992 | 03 | 9 |
| 144 | 152 | 06995 | 086 | 03997 | | | | | 03 | 9 |
| 215 | 764 | 30850 | 744 | 10780 | 712 | 10076 | 680 | 09027 | 03 | 6 |
| 223 | 365 | 73 | 205 | 00 | | | | | 03 | 1 |
| 235 | 685 | 14 | 160 | 97 | 067 | 96*** | | | 02 | 1 |
| 246 | 802 | 12056 | 782 | 11052 | 749 | 09060 | 697 | 05519 | 03 | 9 |
| 360 | 400 | 84851 | 343 | 92945 | | | | | 03 | 5 |
| 01 | | | | | | | | | | |
| 001 | 839 | 55582 | 810 | 55581 | 746 | 57637 | 472 | 81872 | 03 | 8 |
| 030 | 609 | 62629 | 400 | 88893 | 332 | 01**0 | 240 | 13**6 | 03 | 8 |
| 384 | 813 | 02522 | 769 | 00536 | 721 | 54560 | 556 | 66683 | 03 | 5 |
| 415 | 804 | 03524 | 449 | 71763 | | | | | 03 | 8 |
| 02 | | | | | | | | | | |
| 057 | 262 | 09997 | 249 | 09999 | 240 | 05999 | | | 03 | 8 |
| 077 | 290 | 01993 | 262 | 00992 | 250 | 94999 | 124 | 90996 | 03 | 5 |
| 084 | 583 | 61694 | 539 | 66744 | 493 | 69775 | 451 | 74824 | 03 | 8 |
| 03 | | | | | | | | | | |
| 005 | | | | | | | | | | |
| 026 | | | | | | | | | | |
| 171 | 459 | 86820 | 428 | 87750 | 237 | 30**0 | 218 | 39**0 | 02 | 7 |
| 476 | | | | | | | | | | |
| 743 | | | | | | | | | | |
| 808 | | | | | | | | | | |
| 917 | | | | | | | | | | |
| 953 | 633 | 32 0 | 564 | 26 0 | 228 | 39**0 | 190 | 33**0 | 03 | 7 |

JULY 31

## RADIOSONDE AND RAWINSONDE DATA

| Index No. | Station Name | 1000 mb. | | | | 850 mb. | | | | 700 mb. | | | | 500 mb. | | | | Hour | Code Type |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| iii | | hhh | TTTTT ddx | dd | ff | hhh | TTTTT ddx | dd | ff | hhh | TTTTT ddx | dd | ff | hhh | TTTTT ddx | dd | ff | GG | |
| | BLOCK 04 | | | | | | | | | | | | | | | | | | |
| 018 | KEFLAVIK | 018 | 10081 | 02 | 4 | 456 | 02506 | 07 | 4 | 963 | 57592 | 13 | 9 | 801 | 72760 | 08 | 4 | 03 | 1 |
| 202 | THULE | | 08016 | 01 | 4 | 460 | 50523 | 25 | 10 | 959 | 61638 | 26 | 18 | 787 | 76871 | 16 | 23 | 03 | 1 |
| 231 | SDR STROMFRD | | | | | 466 | 03501 | 34 | 5 | 972 | 56647 | 36 | 20 | 808 | 73992 | 05 | 20 | 03 | 1 |
| 270 | NARSSARSSUAK | 022 | 09535 | 05 | 11 | 457 | 00567 | 09 | 8 | 959 | 58637 | 13 | 4 | 794 | 73775 | 22 | 14 | 04 | 1 |
| 339 | SCORESBYSUND | | | | | 475 | 06 | | | 983 | 57*** | 01 | 25 | 823 | 67*** | 03 | 39 | 03 | 5 |
| 360 | ANGMAGSSALIK | | | | | 418 | 01550 | 08 | 12 | 950 | 59620 | 13 | 8 | 477 | 74780 | 23 | 4 | 03 | 5 |
| | BLOCK 06 | | | | | | | | | | | | | | | | | | |
| 180 | KOBENHAVN | 001 | 12104 | 25 | 10 | 052 | 05011 | 29 | 20 | 926 | 53600 | 30 | 20 | 560 | 69775 | 30 | 33 | 03 | 5 |
| 260 | DE BILT | 144 | 14108 | | | 507 | 08036 | | | 085 | 50525 | | | 695 | 65762 | | | 03 | 8 |
| 447 | UCCLE | 151 | 13091 | | | 513 | 12035 | | | 108 | 02513 | | | 756 | 58736 | | | 03 | 8 |
| | BLOCK 07 | | | | | | | | | | | | | | | | | | |
| 110 | BREST | 172 | 12106 | 25 | 7 | 550 | 12055 | 26 | 20 | 159 | 04524 | 26 | 24 | 811 | 63683 | 27 | 30 | 02 | 5 |
| 145 | TRAPPES | 173 | 11072 | | | 560 | 11016 | | | 140 | 05586 | | | 785 | 62760 | | | 02 | 8 |
| 190 | STRASBOURG | 162 | 15093 | | | 550 | 11043 | | | 153 | 04527 | | | 834 | 59671 | | | 02 | 8 |
| 480 | LYON | 148 | | | | 540 | 14045 | | | 157 | 07554 | | | 832 | 62721 | | | 02 | 8 |
| 510 | BORDEAUX | 165 | 18121 | 07 | 6 | 560 | 16026 | 30 | 12 | 187 | 09646 | 27 | 12 | 872 | 61739 | 29 | 28 | 02 | 5 |
| 645 | NIMES | 131 | 24004 | | | 520 | 16652 | | | 140 | 06727 | | | 806 | 62882 | | | 02 | 8 |
| | BLOCK 08 | | | | | | | | | | | | | | | | | | |
| 509 | LAGENS | 101 | 44 | | | | | | | *** | ***** | | | *** | ***** | | | 03 | 8 |
| 521 | FUNCHAL | 135 | 2318 | | | 552 | 22524 | | | 204 | 10565 | | | *** | ***** | | | 14 | 8 |
| 536 | PORTELA | 152 | 31142 | | | 586 | 23024 | | | 239 | 08517 | | | 941 | 57997 | | | 14 | 8 |
| | BLOCK 10 | | | | | | | | | | | | | | | | | | |
| 034 | SCHLESWIG | 038 | 57500 | 27 | 19 | 478 | 39040 | 27 | 23 | 993 | 31160 | 28 | 22 | 851 | 99880 | 29 | 36 | 02 | 2 |
| 122 | JEVER | 036 | 59540 | | | 480 | 46030 | 26 | 27 | 002 | 32290 | 28 | 27 | 866 | 10990 | 28 | 39 | 08 | 2 |
| 338 | HANNOVER | 046 | 55510 | 26 | 15 | 486 | 40340 | 28 | 28 | 997 | 28180 | 28 | 25 | 856 | 04920 | 30 | 34 | 02 | 2 |
| 384 | TEMPELHOF | 132 | 13120 | 29 | 10 | 477 | 04009 | 29 | 29 | 033 | 53623 | 29 | 29 | 637 | 65737 | 30 | 45 | 03 | 5 |
| 419 | ISERLOHN | | | | | 498 | 44340 | 28 | 29 | 013 | 33280 | 29 | 31 | 876 | 08990 | 30 | 39 | 02 | 2 |
| 633 | WIESBADEN | 151 | 14106 | 00 | | 510 | 06039 | 27 | 10 | 085 | 50551 | 30 | 31 | 703 | 17991 | 29 | 61 | 03 | 5 |
| 866 | MUNCHEN RIEM | 166 | 99999 | 99 | 99 | 532 | 10021 | 27 | 11 | 119 | 02534 | 29 | 26 | 763 | 62752 | 30 | 42 | 03 | 5 |
| | BLOCK 11 | | | | | | | | | | | | | | | | | | |
| 030 | TULLN | 155 | | | | 547 | 07024 | 30 | 11 | 111 | 54583 | 28 | 27 | 773 | 64701 | 29 | 45 | 03 | 5 |
| 567 | PRAHA KBELY | 153 | | | | 525 | 05045 | | | 065 | 53533 | | | 685 | 63657 | | | 05 | 5 |
| | BLOCK 40 | | | | | | | | | | | | | | | | | | |
| 427 | BAHREIN | 515 | | | | 470 | 89150 | 31 | 24 | 025 | 61160 | 30 | 35 | 935 | 32970 | 30 | 23 | 15 | 2 |
| 648 | HABBANIYA | 506 | | | | 472 | 86370 | 32 | 19 | 025 | 57230 | 11 | 9 | 915 | 11950 | 13 | 17 | 02 | 2 |
| | BLOCK 42 | | | | | | | | | | | | | | | | | | |
| 182 | NEW DELHI | 502 | | | | 141 | 2118 | | | 307 | 1110* | | | 583 | 51*** | | | 15 | 8 |
| 339 | JODHPUR | 503 | | | | 142 | 2311 | | | 305 | ***** | | | 578 | 54*** | | | 15 | 8 |
| 475 | BAMRAULI AL | | | | | | | | | | | | | | | | | | |
| 867 | NAGPUR | 501 | | | | 142 | 2218 | | | 308 | 1110* | | | 583 | 52*** | | | 15 | 8 |
| 909 | VERAVAL | 502 | | | | 141 | 2117 | | | 307 | 1308* | | | 585 | 5054* | | | 14 | 8 |
| | BLOCK 43 | | | | | | | | | | | | | | | | | | |
| 063 | POONA | 001 | | | | 143 | 2017 | | | 309 | 1208* | | | 584 | 45*** | | | 14 | 8 |
| 149 | VIZAGAPATAM | 502 | | | | 141 | 2020 | | | 307 | 1110* | | | 580 | 5656* | | | 14 | 8 |
| 279 | MADRAS | 001 | 2924 | | | 146 | 2016 | | | 310 | 0808* | | | 583 | 54*** | | | 14 | 8 |
| 371 | TRIVANDRUM | 007 | 2323 | | | 148 | 1515 | | | 311 | 0707* | | | 582 | 56*** | | | 15 | 8 |
| | BLOCK 45 | | | | | | | | | | | | | | | | | | |
| 007 | KAI TAK | 006 | 26250 | | | 147 | 17150 | | | 312 | 09050 | | | 584 | 53**0 | | | 22 | 8 |
| | BLOCK 47 | | | | | | | | | | | | | | | | | | |
| 401 | WAKKANAI | 043 | 20154 | | | 496 | 12041 | | | 023 | 06621 | | | 908 | 57723 | | | 04 | 1 |
| 412 | SAPPORO DCMO | | 25167 | | | 498 | 18107 | | | 036 | 13611 | | | 931 | 51631 | | | 03 | 1 |
| 580 | MISAWA | 048 | 17141 | 09 | 5 | 505 | 16093 | 30 | 3 | 042 | 12993 | 36 | 4 | 949 | 00701 | 03 | 11 | 03 | 1 |
| 590 | SENDAI DCMO | 047 | 18172 | | | 499 | 17132 | | | 037 | 12022 | | | 941 | 01642 | | | 03 | 1 |
| 600 | WAJIMA | 038 | 27231 | | | 509 | 19143 | | | 003 | 09019 | | | 669 | 51628 | | | 03 | 1 |
| 635 | NAGOYA | 101 | 42 | | | | | | | *** | ***** | | | *** | ***** | | | 03 | 1 |
| 646 | TATENO | 044 | 22217 | | | 498 | 15124 | | | 042 | 10011 | | | 938 | 51655 | | | 03 | 1 |
| 671 | TOKYO | 101 | 59 | | | | | | | *** | ***** | | | *** | ***** | | | 03 | 1 |
| 744 | YONAGO | 037 | 25213 | | | 593 | 14114 | | | 125 | 08056 | | | 010 | 55575 | | | 03 | 1 |
| 808 | ITAZUKE | 037 | 27206 | 32 | 6 | 502 | 19098 | 14 | 10 | 044 | 10547 | 13 | 5 | 939 | 53611 | 20 | 5 | 03 | 1 |
| 827 | KAGOSHIMA | 033 | 19182 | | | 494 | 14109 | | | 029 | 10516 | | | 920 | 54638 | | | 05 | 1 |
| | BLOCK 60 | | | | | | | | | | | | | | | | | | |
| 120 | PORT LYAUTEY | 041 | 22197 | | | 509 | 19081 | | | 042 | 08998 | | | 957 | 61990 | | | 03 | 6 |
| 155 | CASABLANCA | 130 | 24171 | 20 | 10 | 570 | 23562 | 29 | 7 | 212 | 10620 | 28 | 13 | 998 | 58755 | 06 | 12 | 02 | 5 |
| 390 | M BLANCHE | 125 | 22183 | 22 | 5 | 590 | 20512 | 23 | 4 | 224 | 06591 | 30 | 10 | 883 | 61764 | 21 | 8 | 02 | 5 |
| 715 | TUNIS | 124 | 24192 | 24 | 8 | 530 | 17085 | 01 | 10 | 166 | 09554 | 31 | 14 | 876 | 56753 | | | 02 | 5 |
| | BLOCK 62 | | | | | | | | | | | | | | | | | | |
| 053 | BENINA | 032 | | | | 491 | 63370 | | | 029 | 53150 | | | 929 | 29820 | | | 02 | 7 |
| | BLOCK 70 | | | | | | | | | | | | | | | | | | |
| 026 | BARROW | 027 | 11071 | 11 | 15 | 472 | 06006 | 22 | 18 | 986 | 50605 | 20 | 23 | 837 | 69793 | 20 | 23 | 03 | 1 |
| 133 | KOTZEBUE | 030 | 15085 | 25 | 5 | 747 | 05017 | 21 | 5 | 988 | 52598 | 20 | 10 | 839 | 68813 | 18 | 28 | 03 | 1 |
| 200 | NOME | 035 | 09072 | 22 | 6 | 469 | 01522 | 20 | 9 | 978 | 54626 | 19 | 9 | *** | 72842 | 17 | 17 | 03 | 1 |
| 204 | GAMBELL | 025 | 07052 | | | 462 | 04018 | | | 973 | 55621 | | | 812 | 72804 | | | 04 | 1 |
| 219 | BETHEL | 036 | 13053 | 22 | 7 | 474 | 01503 | 19 | 7 | 979 | 57632 | | | 808 | 76871 | | | 03 | 1 |
| 231 | MCGRATH | 033 | | | | 477 | 04511 | 18 | 3 | 986 | 56583 | 20 | 2 | 828 | 70738 | | | 03 | 1 |
| 261 | FRBNKS WEEKS | 031 | | | | 473 | 05054 | 11 | 3 | 986 | 53561 | 12 | 10 | 834 | 70734 | 10 | 12 | 03 | 1 |
| 273 | ANCH MERRILL | 039 | 13091 | 03 | 2 | 479 | 02507 | 23 | 5 | 986 | 55577 | 21 | 5 | 824 | 73733 | 00 | | 03 | 1 |
| 291 | NORTHWAY | 026 | | | | 474 | 07011 | | | 985 | 56596 | 12 | 10 | 821 | 74857 | 08 | 18 | 03 | 1 |
| 316 | FORT RANDALL | 101 | 42 | | | | | | | *** | ***** | | | *** | ***** | | | 03 | 1 |
| 350 | KODIAK | 040 | 10077 | | | 472 | 02504 | | | 983 | 57592 | | | 819 | 73791 | | | 03 | 1 |
| 361 | YAKUTAT | 036 | 12085 | | | 475 | 04531 | | | 985 | 55615 | | | 823 | 72835 | | | 04 | 1 |
| 381 | JUNEAU | 032 | 13081 | 01 | 4 | 473 | 05503 | 13 | 16 | 985 | 53554 | | | 838 | 68731 | | | 03 | 1 |
| 398 | ANNETTE IS | 042 | 12113 | | | 486 | 08071 | | | 003 | 52561 | | | 867 | 61649 | | | 03 | 1 |
| 409 | MASSACRE BAY | 020 | 14094 | | | 461 | 11064 | 25 | 26 | 992 | 07572 | 26 | 38 | 872 | 59995 | | | 03 | 1 |
| 485 | FORT GLENN | 088 | 07079 | 18 | 31 | 484 | 04020 | | | 000 | 01907 | 29 | 46 | 879 | 56642 | 28 | 91 | 04 | 1 |
| | BLOCK 72 | | | | | | | | | | | | | | | | | | |
| 202 | MIAMI | 042 | 27234 | 00 | | 506 | 17113 | 12 | 6 | 040 | 08020 | 02 | 8 | 928 | 57653 | 33 | 3 | 03 | 1 |
| 208 | CHARLESTON | 036 | 25247 | 19 | 16 | 504 | 19117 | 14 | 4 | 042 | 08518 | 34 | 11 | *** | ***** | | | 03 | 1 |
| 211 | TAMPA | 040 | 25198 | 27 | 10 | 507 | 19097 | 34 | 7 | 046 | 08021 | 06 | 9 | 928 | 58629 | | | 03 | 1 |
| 219 | ATLANTA | 038 | | | | 509 | 20149 | 30 | 14 | 050 | 10521 | 30 | 17 | 940 | 56675 | 30 | 17 | 03 | 1 |
| 231 | NEW ORLEANS | 038 | 26213 | 03 | 9 | 506 | 20121 | 01 | 9 | 045 | 09025 | 03 | 14 | 933 | 57673 | 18 | 5 | 03 | 1 |
| 240 | LAKE CHARLES | 039 | 28201 | | | 508 | 18139 | | | 046 | 09019 | | | 938 | 56744 | | | 03 | 1 |
| 250 | BROWNSVILLE | 042 | 26224 | 14 | 7 | 507 | 19058 | 07 | 12 | 046 | 08521 | 03 | 12 | 943 | 58642 | 04 | 14 | 04 | 1 |
| 253 | SAN ANTONIO | 041 | | | | 511 | 21069 | 09 | 9 | 054 | 10031 | 04 | 9 | 942 | 55719 | 05 | 13 | 03 | 1 |
| 259 | FT WORTH | 043 | | | | 510 | 18136 | 05 | 3 | 049 | 09033 | 36 | 13 | 937 | 57673 | 36 | 16 | 03 | 1 |
| 265 | BIG SPRING | 037 | | | | 514 | 24127 | 09 | 14 | 060 | 11036 | 07 | 14 | 951 | 56621 | 04 | 18 | 03 | 1 |
| 270 | EL PASO | 034 | | | | 512 | 25112 | 09 | 18 | 060 | 11065 | 13 | 16 | 951 | 56573 | | | 03 | 1 |
| 278 | PHOENIX | 028 | | | | 510 | 26126 | 26 | 3 | 059 | 12044 | 14 | 12 | 953 | 56595 | | | 03 | 1 |
| 304 | HATTERAS | 035 | 26257 | 22 | 19 | 503 | 18118 | 25 | 10 | 038 | 07027 | 26 | 6 | 920 | 58703 | 15 | 7 | 03 | 1 |
| 317 | GREENSBORO | 032 | | | | 498 | 19164 | 31 | 16 | 035 | 07049 | 28 | 10 | 922 | 56631 | 29 | 11 | 03 | 1 |
| 327 | NASHVILLE | 042 | | | | 503 | 16158 | 02 | 20 | 037 | 06047 | 29 | 15 | 921 | 57613 | 29 | 15 | 03 | 1 |
| 340 | LITTLE ROCK | 043 | 23209 | 34 | 5 | 505 | 16122 | 06 | 10 | 039 | 07033 | 15 | 4 | 924 | 56667 | 36 | 21 | 03 | 1 |
| 353 | OKLAHOMA CTY | 050 | | | | 513 | 16147 | 04 | 9 | 050 | 09581 | 02 | 19 | 939 | 55735 | 35 | 27 | 03 | 1 |
| 365 | ALBUQUERQUE | 027 | | | | 507 | | | | 061 | 15022 | 13 | 11 | 962 | 55649 | 04 | 14 | 03 | 1 |
| 386 | LAS VEGAS | 018 | | | | 501 | 29053 | 18 | 7 | 052 | 13507 | 17 | 13 | 943 | 58708 | | | 03 | 1 |
| 394 | SANTA MARIA | 046 | 15126 | 32 | 6 | 504 | 19098 | 15 | 20 | 044 | 09047 | 12 | 32 | 932 | 56585 | 16 | 25 | 03 | 1 |
| 445 | COLUMBIA | 050 | | | | 507 | 16512 | 02 | 11 | 043 | 10994 | 36 | 16 | 932 | 57996 | 33 | 20 | 03 | 1 |
| 451 | DODGE CITY | 052 | | | | 518 | 17137 | 14 | 6 | 062 | 11545 | 33 | 8 | 949 | 59717 | | | 03 | 1 |
| 476 | GRAND JUNC | 015 | | | | 498 | 30026 | 25 | 4 | 056 | 18554 | 02 | 8 | 960 | 55714 | 34 | 18 | 03 | 1 |
| 486 | ELY | 019 | | | | 500 | | | | 057 | 17578 | 24 | 11 | 959 | 57662 | 17 | 3 | 03 | 1 |
| 493 | OAKLAND | 044 | 15127 | 32 | 8 | 508 | 16097 | 14 | 22 | 041 | 06024 | 14 | 9 | 925 | 56998 | | | 03 | 1 |
| 506 | NANTUCKET | 028 | 24216 | 21 | 12 | 496 | 20099 | 23 | 15 | 036 | 09559 | 22 | 23 | 924 | 56649 | 23 | 6 | 03 | 1 |
| 518 | ALBANY | 019 | | | | 483 | 17998 | 09 | 6 | 018 | 07042 | | | 904 | 56599 | | | 03 | 1 |
| 520 | PITTSBURGH | 036 | | | | 491 | 13101 | | | 021 | 05036 | | | 903 | 56758 | | | 03 | 1 |
| 528 | BUFFALO | 033 | | | | 488 | 13102 | 34 | 6 | 017 | 05028 | 29 | 11 | 901 | 57991 | | | 03 | 1 |
| 534 | CHICAGO | 054 | | | | 506 | 09051 | 34 | 19 | 030 | 05994 | | | 907 | 60995 | | | 03 | 1 |
| 536 | TOLEDO | 042 | | | | 495 | 09057 | 33 | 22 | 020 | 05994 | 03 | 11 | 689 | 86099 | 00 | | 03 | 1 |
| 553 | OMAHA | 055 | | | | 514 | 16021 | 03 | 6 | 048 | 07022 | 34 | 26 | 930 | 59753 | | | 03 | 1 |
| 562 | N PLATTE | 046 | | | | 510 | 19128 | 20 | 23 | 050 | 09024 | 20 | 2 | 932 | 60997 | | | 03 | 1 |
| 576 | LANDER | 018 | | | | 500 | | | | 057 | 16544 | | | 952 | 58687 | | | 03 | 1 |
| 597 | MEDFORD | 033 | | | | 507 | 23086 | 33 | 13 | 048 | 10513 | 14 | 14 | 933 | 58990 | 21 | 25 | 03 | 1 |
| 600 | SABLE ISLAND | 035 | 19195 | | | 495 | 16137 | | | 032 | 07027 | | | 919 | 57678 | | | 03 | 1 |
| 606 | PORTLAND | 021 | 22219 | | | 480 | 15128 | | | 130 | 6039* | | 8 | 935 | 8645* | | | 03 | 1 |
| 655 | ST CLOUD | 054 | | | | 510 | 11055 | 24 | 6 | 036 | 03533 | 34 | 32 | 909 | 61781 | 32 | 35 | 03 | 1 |
| 662 | RAPID CITY | 029 | | | | 503 | 26083 | 26 | 4 | 051 | 12502 | 35 | 1 | 940 | 59754 | 31 | 32 | 03 | 1 |
| 681 | BOISE | 024 | | | | 506 | 29026 | 01 | 10 | 057 | 14536 | 30 | 10 | 950 | 59635 | 29 | 18 | 03 | 1 |
| 712 | CARIBOU | 025 | | | | 486 | 16092 | 31 | 8 | 020 | 09995 | 25 | 17 | 903 | 60751 | 24 | 31 | 03 | 1 |
| 734 | SAULT MARIE | 049 | | | | 496 | 07029 | 01 | 16 | 011 | 53543 | 35 | 10 | 866 | 67781 | 28 | 27 | 03 | 1 |
| 747 | INTL FALLS | 050 | | | | 505 | 11068 | 24 | 10 | 028 | 02562 | 33 | 24 | 893 | 63691 | 33 | 31 | 03 | 1 |
| 764 | BISMARCK | 032 | | | | 501 | 21107 | 19 | 6 | 039 | 07006 | 28 | 21 | 916 | 61704 | 30 | 39 | 03 | 1 |
| 768 | GLASGOW | 030 | | | | 504 | 22047 | 29 | 7 | 044 | 07528 | 28 | 17 | 927 | 60752 | | | 03 | 1 |
| 775 | GREAT FALLS | 023 | | | | 500 | 26061 | 29 | 14 | 046 | 10518 | 27 | 15 | 926 | 60732 | | | 03 | 1 |
| 785 | SPOKANE | 031 | | | | 507 | 23027 | 25 | 11 | 048 | 10993 | 27 | 21 | 933 | 58999 | 25 | 34 | 03 | 1 |
| 798 | TATOOSH IS | 054 | 11103 | 21 | 11 | 508 | 16023 | 35 | 8 | 040 | 06655 | 31 | 11 | 921 | 58735 | 26 | 16 | 03 | 1 |
| 807 | ARGENTIA | 101 | 40 | | | | | | | *** | ***** | | | *** | ***** | | | 03 | 1 |
| 815 | STEPHENVILLE | 019 | 20191 | 00 | | 478 | 15149 | 25 | 20 | 011 | 06046 | 26 | 38 | 893 | 57614 | 25 | 57 | 03 | 1 |
| 816 | GOOSE | 021 | 17098 | 32 | 5 | 468 | 07025 | 32 | 13 | 982 | 51562 | 30 | 18 | 840 | 65995 | 28 | 53 | 03 | 1 |
| 826 | NITCHEQUON | 030 | | | | 472 | 04038 | | | 986 | 50993 | | | 845 | 66990 | | | 03 | 1 |
| 836 | MOOSONEE | 052 | 10081 | | | 492 | 05537 | | | 007 | 52597 | | | 858 | 67747 | | | 03 | 1 |
| 867 | THE PAS | 028 | | | | 479 | 12041 | | | 002 | 00577 | | | 860 | 66739 | | | 03 | 1 |
| 879 | EDMONTON | 035 | | | | 495 | 13068 | 30 | 10 | 020 | 01513 | 28 | 34 | 881 | 64661 | 27 | 59 | 03 | 1 |
| 896 | PRINCE GEORG | 052 | | | | 504 | 10077 | 24 | 16 | 026 | 00524 | 28 | 23 | 888 | 63659 | 27 | 34 | 03 | 1 |
| 906 | FT CHIMO | 036 | 05998 | | | 468 | 00994 | | | 973 | 56997 | | | *** | ***** | | | 03 | 1 |
| 907 | PORT HARRISN | 046 | 09060 | | | 481 | 02513 | | | 987 | 55715 | | | *** | 71823 | | | 03 | 1 |
| 909 | UP FROBISHER | 039 | 07035 | 36 | 7 | 480 | 05014 | 00 | | 989 | 54572 | 33 | 6 | 827 | 72772 | 00 | | 03 | 1 |
| 913 | CHURCHILL | 020 | 20148 | 20 | 11 | 469 | 10061 | 17 | 13 | 998 | 00606 | | | 853 | 67779 | 15 | 8 | 03 | 1 |
| 915 | CORAL HARBOR | 043 | 10053 | | | 482 | 02501 | | | 988 | 54638 | | | 830 | 71776 | | | 03 | 1 |
| 917 | EUREKA | 025 | 08001 | 30 | 6 | 458 | 51577 | 08 | 8 | 958 | 59664 | 09 | 7 | 785 | 75834 | 08 | 12 | 03 | 1 |
| 918 | ARCTIC BAY | 020 | 04027 | | | 443 | 54554 | | | 937 | 65664 | | | 748 | 82859 | | | 03 | 1 |
| 924 | RESOLUTE | 004 | | | | 427 | 54553 | 04 | 11 | 923 | 62672 | 05 | 17 | 736 | 81892 | 06 | 31 | 03 | 1 |
| 926 | BAKER LAKE | 101 | 59 | | | | | | | *** | ***** | | | *** | ***** | | | 03 | 1 |
| 934 | FT SMITH | 028 | | | | 471 | 05031 | | | 982 | 54577 | | | 828 | 70721 | | | 03 | 1 |
| 938 | COPPERMINE | 101 | 59 | | | | | | | *** | ***** | | | *** | ***** | | | 03 | 1 |
| 945 | FORT NELSON | 031 | | | | 485 | 11021 | | | 004 | 52571 | | | 859 | 66713 | | | 03 | 1 |
| 964 | WHITEHORSE | 029 | | | | 474 | 09512 | 14 | 14 | 996 | 53582 | 14 | 14 | 848 | 68750 | 17 | 17 | 03 | 1 |
| 968 | AKLAVIK | 032 | 22089 | | | 486 | 11505 | | | 007 | 50598 | | | 864 | 66741 | | | 03 | 1 |
| | BLOCK 74 | | | | | | | | | | | | | | | | | | |
| 043 | NORMAN WELLS | 034 | 23094 | | | 490 | 11037 | | | 011 | 50578 | | | 867 | 67762 | | | 03 | 1 |
| 072 | MOULD BAY | 032 | 05002 | | | 459 | 51566 | | | 961 | 57998 | | | 794 | 73998 | | | 03 | 1 |
| 074 | ISACHSEN | 032 | 03011 | | | 464 | 50609 | | | 965 | 59661 | | | 790 | 78881 | | | 03 | 1 |
| 090 | CLYDE RIVER | 020 | 13508 | 27 | 2 | 461 | 03500 | 27 | 7 | 966 | 57698 | 22 | 14 | 800 | 73991 | 23 | 14 | 03 | 1 |
| 109 | PORT HARDY | 061 | 16114 | | | 510 | 12023 | | | 037 | 04624 | | | 916 | 59674 | | | 03 | 1 |
| 188 | MINGAN L PT | 021 | 13139 | | | 470 | 10063 | | | 990 | 03991 | 28 | 14 | 866 | 59722 | 27 | 41 | 03 | 1 |
| | BLOCK 76 | | | | | | | | | | | | | | | | | | |
| 458 | MAZATLAN | 034 | 28226 | | | 502 | 20083 | | | 042 | 10013 | | | 930 | 57632 | | | 02 | 1 |
| 491 | C VICTORIA | 030 | | | | 505 | 20121 | | | 041 | 06559 | | | 919 | 50674 | | | 02 | 1 |
| 644 | MERIDA | 046 | 24214 | | | 509 | 17143 | | | 045 | 08054 | | | 938 | 56636 | | | 05 | 1 |
| 679 | TACUBAYA | 031 | | | | 500 | | | | 041 | 09037 | | | 925 | 60614 | | | 03 | 1 |
| | BLOCK 78 | | | | | | | | | | | | | | | | | | |
| 016 | KINDLEY FLD | 049 | 25214 | 20 | 7 | 510 | 15086 | 21 | 13 | 041 | 05576 | 21 | 12 | 925 | 59995 | | | 03 | 1 |
| 325 | HAVANA C B | 046 | 26228 | 00 | | 510 | 18115 | 00 | | 048 | 08518 | 05 | 8 | *** | ***** | | | 04 | 1 |
| 355 | CAMAGUEY | 046 | 23219 | | | 509 | 17135 | | | 046 | 08501 | | | *** | ***** | | | 03 | 1 |
| 395 | VERNAM FIELD | 040 | 26223 | 06 | 9 | 504 | 18122 | 10 | 16 | 041 | 18007 | 10 | 8 | 029 | 56701 | 04 | 9 | 03 | 1 |
| 501 | SWAN ISLAND | 044 | 25237 | | | 508 | 17123 | | | 045 | 08037 | | | 931 | 57695 | | | 03 | 1 |
| 525 | SAN JUAN | 048 | 25227 | 12 | 7 | 511 | 18043 | 09 | 12 | 048 | 07579 | 06 | 20 | *** | ***** | | | 03 | 1 |
| 741 | MANAGUA | 038 | 27223 | 09 | 10 | 505 | 19174 | 07 | 26 | 045 | 10016 | 08 | 23 | 936 | 56633 | 08 | 17 | 03 | 1 |
| 806 | ALBROOK FLD | 031 | 25238 | 34 | 4 | 494 | 16145 | 01 | 10 | 027 | 06017 | 06 | 13 | 876 | 57996 | 08 | 21 | 03 | 1 |
| | BLOCK 91 | | | | | | | | | | | | | | | | | | |
| 066 | MIDWAY ISL | 058 | 23192 | 10 | 16 | | 13127 | 14 | 20 | 044 | 04023 | 15 | 19 | 921 | 59626 | 17 | 18 | 03 | 1 |
| 115 | IWO JIMA | 528 | | | | 493 | 119 | 03 | 24 | 030 | 08003 | 02 | 16 | 915 | 75614 | 02 | 18 | 03 | 1 |
| 182 | HONOLULU | 050 | 23184 | 07 | 20 | 508 | 13121 | 08 | 29 | 044 | 09551 | 07 | 10 | 936 | 53997 | 06 | 20 | 03 | 1 |
| 215 | HARMON FLD | 025 | 30233 | 09 | 5 | 492 | 18151 | 14 | 15 | 030 | 10047 | 14 | 12 | 926 | 54653 | 03 | 14 | 03 | 1 |
| 245 | WAKE ISLAND | 039 | 27227 | 08 | 13 | 505 | 18123 | 09 | 15 | 045 | 12563 | 07 | 15 | 936 | 62761 | 09 | 9 | 03 | 1 |
| 366 | KWAJALEIN | 027 | 29241 | 07 | 17 | 495 | 20162 | 10 | 23 | 037 | 11056 | 10 | 20 | 993 | 55603 | 10 | 22 | 03 | 1 |
| 413 | YAP | 023 | 28258 | 12 | 2 | 489 | 18154 | 14 | 8 | 064 | 09033 | 16 | 10 | *** | ***** | | | 03 | 1 |
| | BLOCK 98 | | | | | | | | | | | | | | | | | | |
| 645 | CEBU | 026 | 30232 | | | 496 | 17137 | | | 030 | 09025 | | | 922 | 54718 | | | 03 | 8 |
| 0LL | OCEAN STA | | | | | | | | | | | | | | | | | | |
| 034 | 0 355 400 | 078 | 22194 | 07 | 2 | 535 | 13055 | 03 | 3 | 065 | 07659 | 03 | 12 | 950 | 58990 | 04 | 11 | 03 | 9 |
| 035 | 0 340 520 | 060 | 25223 | 22 | 5 | 531 | 17133 | 23 | 6 | 066 | 07031 | 24 | 4 | 947 | 58611 | 24 | 12 | 03 | 9 |
| 037 | 0 360 700 | 036 | 26241 | 22 | 17 | 500 | 16144 | 20 | 7 | 034 | 06547 | | | 917 | 57729 | | | 03 | 9 |
| 041 | 0 450 160 | 214 | 17167 | 28 | 10 | 610 | 14104 | 30 | 12 | 220 | 06529 | 33 | 10 | 992 | 60691 | | | 02 | 5 |
| 044 | 0 450 450 | 053 | 17171 | 24 | 12 | 512 | 17094 | 27 | 21 | 047 | 07530 | 26 | 19 | 830 | 58709 | 27 | 19 | 03 | 9 |
| 051 | 0 538 187 | 032 | 55470 | | | 471 | 42350 | 29 | 19 | 990 | 38940 | 27 | 31 | 863 | 13040 | 27 | 50 | 02 | 2 |

## RADIOSONDE AND RAWINSONDE DATA—Continued

| Index No. | 300 mb. | | | | 200 mb. | | | | 100 mb. | | | | Hour | Code Type |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| iii | hhh | TTTTT ddx | dd | ff | hhh | TTTTT ddx | dd | ff | hhh | TTTTT ddx | dd | ff | GG | |
| 04 | | | | | | | | | | | | | | |
| 018 | 973 | 97991 | | | | | | | | | | | 03 | 1 |
| 202 | 937 | 97997 | 18 | 43 | 820 | 93998 | 18 | 16 | | | | | 03 | 1 |
| 231 | 101 | 43 | | | | | | | | | | | 03 | 1 |
| 270 | 958 | 93991 | 26 | 46 | 857 | 87998 | 25 | 37 | | | | | 04 | 1 |
| 339 | 101 | 43 | | | | | | | | | | | 03 | 5 |
| 360 | 900 | | | | | | | | | | | | 03 | 5 |
| 06 | | | | | | | | | | | | | | |
| 180 | 917 | 00997 | | | | | | | | | | | 03 | 5 |
| 260 | 110 | 43 | | | | | | | | | | | 03 | 8 |
| 447 | 501 | 87 5 | | | 178 | 07 0 | | | 644 | 02**0 | | | 03 | 8 |
| 07 | | | | | | | | | | | | | | |
| 110 | 950 | 90 7 | 26 | 43 | 215 | 08 4 | 26 | 49 | 650 | 07**7 | 26 | 50 | 02 | 5 |
| 145 | 948 | 89066 | | | 216 | 07 0 | | | 652 | 05**4 | | | 02 | 8 |
| 190 | 963 | 79874 | | | 242 | 94 7 | | | 701 | 99**1 | | | 02 | 8 |
| 480 | 951 | 89994 | | | 120 | 03 7 | | | 655 | 10**7 | | | 02 | 8 |
| 510 | 956 | 91 1 | 29 | 40 | 223 | 04 4 | 28 | 56 | 655 | 13**1 | 28 | 30 | 02 | 5 |
| 645 | 951 | 88097 | | | 221 | 99 7 | | | | | | | 02 | 8 |
| 08 | | | | | | | | | | | | | | |
| 509 | 101 | 44 | | | | | | | | | | | 03 | 8 |
| 521 | 101 | 43 | | | | | | | | | | | 14 | 8 |
| 536 | 969 | 87991 | | | 237 | 05994 | | | 666 | 11993 | | | 14 | 8 |
| 10 | | | | | | | | | | | | | | |
| 034 | 002 | 51 0 | 29 | 42 | 901 | 43 0 | 29 | 43 | 395 | 44**0 | 29 | 23 | 02 | 2 |
| 122 | 077 | 60480 | 28 | 58 | | | | | | | | | 08 | 2 |
| 338 | 046 | 50 0 | 28 | 40 | 910 | 43 0 | 29 | 54 | 389 | 40**0 | 28 | 20 | 02 | 2 |
| 384 | 920 | 92997 | 30 | 60 | 184 | 01990 | | | | | | | 03 | 5 |
| 419 | 086 | 60470 | 29 | 59 | 960 | 40 0 | 30 | 68 | 443 | 40**0 | | | 02 | 2 |
| 633 | 933 | 92998 | | | 197 | 02990 | | | 650 | 97992 | | | 03 | 5 |
| 866 | 945 | 91993 | 30 | 69 | 210 | 04994 | 28 | 41 | | | | | 03 | 5 |
| 11 | | | | | | | | | | | | | | |
| 030 | 940 | 91 1 | | | 205 | 03 4 | | | | | | | 03 | 5 |
| 567 | 939 | 90991 | | | 206 | 00998 | | | 659 | 99994 | | | 05 | 5 |
| 40 | | | | | | | | | | | | | | |
| 427 | 213 | 91620 | 17 | 5 | 149 | 52 0 | 15 | 21 | 569 | 97**0 | 10 | 23 | 15 | 2 |
| 648 | 175 | 81410 | 30 | 15 | 089 | 45 | | | 499 | 02**0 | | | 02 | 2 |
| 42 | | | | | | | | | | | | | | |
| 182 | 974 | 28 | | | 261 | 93 | | | 700 | 15*** | | | 15 | 8 |
| 339 | 963 | 78 | | | 241 | 99 | | | | | | | 15 | 8 |
| 475 | 970 | 78 | | | | | | | | | | | 15 | 8 |
| 867 | 101 | 43 | | | | | | | | | | | 15 | 8 |
| 909 | 101 | 43 | | | | | | | | | | | 14 | 8 |
| 43 | | | | | | | | | | | | | | |
| 063 | 101 | 43 | | | | | | | | | | | 14 | 8 |
| 149 | 101 | 43 | | | | | | | | | | | 14 | 8 |
| 279 | 966 | 80 | | | | | | | | | | | 14 | 8 |
| 371 | 959 | 86 | | | 229 | 07 | | | | | | | 15 | 8 |
| 45 | | | | | | | | | | | | | | |
| 007 | 101 | 50 | | | | | | | | | | | 22 | 8 |
| 47 | | | | | | | | | | | | | | |
| 401 | 150 | 83992 | | | 046 | 00990 | | | | | | | 04 | 1 |
| 412 | 201 | 73803 | | | 140 | 90995 | | | | | | | 03 | 1 |
| 580 | 235 | 34999 | 03 | 6 | 162 | 94994 | 05 | 21 | 606 | 09991 | 05 | 33 | 03 | 1 |
| 590 | 237 | 70891 | | | 191 | 86997 | | | | | | | 03 | 1 |
| 600 | 208 | 75868 | | | 123 | 03990 | | | 527 | 15997 | | | 03 | 1 |
| 635 | 101 | 42 | | | | | | | | | | | 03 | 1 |
| 646 | 204 | 78892 | | | 116 | 00994 | | | 549 | 15993 | | | 03 | 1 |
| 671 | 101 | 59 | | | | | | | | | | | 03 | 1 |
| 744 | 241 | 79887 | | | 155 | 01992 | | | | | | | 03 | 1 |
| 808 | 199 | 77898 | 22 | 15 | 110 | 00998 | 26 | 36 | | | | | 03 | 1 |
| 827 | 188 | 76882 | | | 115 | 95999 | | | 528 | 24994 | | | 05 | 1 |
| 60 | | | | | | | | | | | | | | |
| 120 | 101 | 43 | | | | | | | | | | | 03 | 6 |
| 155 | 963 | 87030 | | | 235 | 38 4 | | | | | | | 02 | 5 |
| 390 | 101 | 43 | | | | | | | | | | | 02 | 5 |
| 715 | 966 | 82973 | | | 241 | 01999 | | | | | | | 02 | 5 |
| 62 | | | | | | | | | | | | | | |
| 053 | 193 | 81410 | | | 108 | 49 0 | | | | | | | 02 | 7 |
| 70 | | | | | | | | | | | | | | |
| 026 | 008 | 98990 | 20 | 23 | 865 | 00995 | 18 | 15 | 372 | ***** | | | 03 | 1 |
| 133 | 020 | 96995 | 18 | 26 | 884 | 97999 | | | 408 | 93990 | | | 03 | 1 |
| 200 | 988 | 96997 | 02 | 16 | 854 | 98995 | 30 | 7 | | | | | 03 | 1 |
| 204 | 990 | 94993 | | | 850 | 00990 | | | 353 | ***** | | | 04 | 1 |
| 219 | 975 | | | | | | | | | | | | 03 | 1 |
| 231 | 996 | 00990 | | | 860 | 95990 | | | 378 | 96990 | | | 03 | 1 |
| 261 | 004 | 98999 | 09 | 45 | 865 | 97990 | 14 | 15 | 382 | 95994 | | | 03 | 1 |
| 273 | 982 | 00999 | 07 | 15 | 856 | 94990 | 15 | 1 | 379 | ***** | | | 03 | 1 |
| 291 | 972 | 98999 | | | 852 | 94999 | | | | | | | 03 | 1 |
| 316 | 101 | 42 | | | | | | | | | | | 03 | 1 |
| 350 | 983 | 96997 | | | | | | | | | | | 03 | 1 |
| 361 | 993 | 97998 | | | 870 | 95999 | | | 381 | 96995 | | | 04 | 1 |
| 381 | 036 | 90943 | | | 907 | 02999 | | | 394 | 98995 | | | 03 | 1 |
| 398 | 089 | 88932 | | | 966 | | | | | | | | 03 | 1 |
| 409 | | 79990 | | | 041 | 93999 | | | 840 | 98995 | | | 03 | 1 |
| 485 | 151 | 70770 | | | 099 | 80998 | | | | | | | 04 | 1 |
| 72 | | | | | | | | | | | | | | |
| 208 | 171 | 88887 | 33 | 16 | 064 | 04999 | 36 | 27 | | | | | 03 | 1 |
| 208 | 101 | 50 | | | | | | | | | | | 03 | 1 |
| 211 | | | | | | | | | | | | | | |
| 219 | 191 | 80909 | | | 097 | | | | | | | | 03 | 1 |
| 231 | 171 | 84911 | 06 | 11 | 055 | 08995 | 09 | 19 | | | | | 03 | 1 |
| 240 | 182 | 83937 | | | 070 | 06994 | | | 435 | 21993 | | | 03 | 1 |
| 250 | 184 | 83992 | 13 | 6 | 078 | 03994 | 09 | 23 | 464 | ***** | | | 04 | 1 |
| 253 | 188 | 82997 | 07 | 22 | | | | | | | | | 03 | 1 |
| 259 | | | | | | | | | | | | | | |
| 265 | 208 | 81873 | 07 | 15 | 101 | 03991 | 06 | 20 | 477 | 21995 | 08 | 15 | 03 | 1 |
| 270 | 201 | 82852 | | | 097 | 04990 | | | | | | | 03 | 1 |
| 278 | 201 | 82930 | | | 101 | 03999 | | | | | | | 03 | 1 |
| 304 | 158 | 84933 | 09 | 9 | 050 | 04999 | 01 | 14 | 430 | ***** | | | 03 | 1 |
| 317 | 168 | 83911 | 26 | 7 | 062 | 03999 | 36 | 8 | 452 | ***** | | | 03 | 1 |
| 327 | 165 | 83902 | 26 | 26 | 061 | 04994 | 27 | 19 | | | | | 03 | 1 |
| 340 | 169 | 83991 | 31 | 24 | 063 | 03994 | 34 | 15 | 439 | 21994 | | | 03 | 1 |
| 353 | 185 | 83997 | 34 | 25 | 076 | 04993 | 32 | 26 | | | | | 03 | 1 |
| 365 | 215 | 82863 | 06 | 9 | 112 | 02999 | 03 | 9 | 484 | ***** | | | 03 | 1 |
| 386 | 182 | 84923 | | | 070 | 06996 | | | | | | | 03 | 1 |
| 394 | 178 | 82947 | 15 | 35 | 076 | 02999 | 18 | 47 | | | | | 03 | 1 |
| 445 | 163 | 86990 | 29 | 52 | 053 | 02996 | 27 | 62 | 457 | 14997 | 28 | 21 | 03 | 1 |
| 451 | 188 | 83952 | | | 080 | 04998 | | | | | | | 03 | 1 |
| 476 | 206 | 82921 | 27 | 28 | | | | | | | | | 03 | 1 |
| 486 | 198 | 83937 | | | 092 | 04993 | | | | | | | 03 | 1 |
| 493 | 168 | 84992 | | | 052 | 05991 | | | | | | | 03 | 1 |
| 506 | 178 | 80992 | 23 | 13 | 081 | 02990 | | | | | | | 03 | 1 |
| 518 | 155 | 81854 | | | 052 | 04995 | | | 446 | ***** | | | 03 | 1 |
| 520 | 151 | 82884 | | | 050 | 03993 | | | 450 | 13992 | | | 03 | 1 |
| 528 | 141 | 82866 | | | 037 | 04990 | | | | | | | 03 | 1 |
| 534 | 121 | 89999 | | | 000 | 01997 | | | 424 | ***** | | | 03 | 1 |
| 536 | 120 | 86995 | | | 010 | 04990 | | | | | | | 03 | 1 |
| 553 | 151 | 89984 | | | 028 | 06994 | | | 438 | 13997 | | | 03 | 1 |
| 562 | 150 | 87991 | | | 030 | 06996 | | | | | | | 03 | 1 |
| 576 | 181 | 86947 | | | | | | | | | | | 03 | 1 |
| 597 | 154 | 88994 | 21 | 56 | 036 | 03998 | | | 451 | ***** | | | 03 | 1 |
| 600 | 167 | 81899 | | | 065 | 03993 | | | | | | | 03 | 1 |
| 606 | 101 | 50 | | | | | | | | | | | 03 | 1 |
| 655 | 121 | 90998 | 31 | 42 | 986 | 08999 | 30 | 63 | 431 | 09994 | | | 03 | 1 |
| 662 | 161 | 89991 | 30 | 28 | 036 | 04995 | 30 | 55 | 453 | 13995 | 30 | 62 | 03 | 1 |
| 681 | 179 | 85927 | 28 | 50 | 070 | 08994 | | | 469 | 12992 | 22 | 25 | 03 | 1 |
| 712 | 148 | 80914 | 25 | 48 | 052 | 01995 | 75 | | | | | | 03 | 1 |
| 734 | 047 | 93990 | 28 | 35 | 939 | 95999 | 25 | 35 | | | | | 03 | 1 |
| 747 | 100 | 91992 | 32 | 51 | 965 | 06993 | 31 | 44 | | | | | 03 | 1 |
| 764 | 130 | 90990 | 30 | 40 | 999 | 07992 | | | 437 | 07994 | | | 03 | 1 |
| 768 | 144 | 89995 | | | 014 | 08994 | | | 440 | 77174 | | | 03 | 1 |
| 775 | 143 | 90992 | | | 008 | 07990 | | | 422 | ***** | | | 03 | 1 |
| 785 | 159 | 88996 | 26 | 27 | | | | | | | | | 03 | 1 |
| 798 | 144 | 88996 | 24 | 10 | 018 | 06998 | 21 | 16 | 448 | 07998 | 24 | 21 | 03 | 1 |
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| 815 | 130 | 83994 | | | | | | | | | | | 03 | 1 |
| 816 | 046 | 87999 | 77 | 14 | 943 | 98993 | | | 411 | ***** | | | 03 | 1 |
| 826 | 042 | 91999 | | | 908 | | | | | | | | 03 | 1 |
| 836 | 045 | 94995 | | | 920 | 96997 | | | 410 | 02994 | | | 03 | 1 |
| 867 | | | | | | | | | | | | | | |
| 879 | 086 | | | | | | | | | | | | 03 | 1 |
| 896 | 104 | 88977 | | | 977 | 09997 | | | | | | | 03 | 1 |
| 906 | 101 | 50 | | | | | | | | | | | 03 | 1 |
| 907 | 992 | 01991 | | | 844 | 00990 | | | 330 | 00994 | | | 03 | 1 |
| 909 | 995 | 96990 | | | 868 | 96998 | | | | | | | 03 | 1 |
| 913 | 040 | 94996 | 20 | 5 | 905 | 03990 | 27 | 14 | 408 | 97993 | 27 | 15 | 03 | 1 |
| 915 | 998 | 00990 | | | 851 | 01990 | | | 349 | 97994 | | | 03 | 1 |
| 917 | 933 | 02996 | 14 | 21 | 817 | 89999 | 04 | 8 | | | | | 03 | 1 |
| 918 | 878 | 91992 | | | 786 | 90995 | | | 324 | 93995 | | | 03 | 1 |
| 924 | 846 | 90991 | 02 | 18 | 764 | 87999 | 35 | 14 | 317 | 91992 | 22 | 23 | 03 | 1 |
| 926 | 101 | 59 | | | | | | | | | | | 03 | 1 |
| 934 | 000 | 00990 | | | 850 | 02990 | | | 328 | 01991 | | | 03 | 1 |
| 938 | 101 | 59 | | | | | | | | | | | 03 | 1 |
| 945 | 053 | 94990 | | | 926 | 97993 | | | 433 | ***** | | | 03 | 1 |
| 964 | 037 | 93990 | 23 | 57 | 929 | 93990 | 23 | 43 | | | | | 03 | 1 |
| 968 | 068 | 89998 | | | 943 | 05995 | | | 430 | 94995 | | | 03 | 1 |
| 74 | | | | | | | | | | | | | | |
| 043 | | | | | | | | | | | | | | |
| 078 | 958 | 86996 | | | 801 | 95995 | | | | | | | 03 | 1 |
| 074 | 924 | 01999 | | | 816 | 88997 | | | | | | | 03 | 1 |
| 090 | 968 | 98990 | 23 | 34 | 839 | 95994 | 22 | 20 | 362 | 83991 | | | 03 | 1 |
| 109 | 149 | 86936 | | | 089 | 05994 | | | 479 | 02996 | | | 03 | 1 |
| 188 | 097 | 84993 | 26 | 78 | 991 | 01990 | | | 383 | 06999 | | | 03 | 1 |
| 76 | | | | | | | | | | | | | | |
| 458 | | | | | | | | | | | | | | |
| 491 | 144 | 86993 | | | 026 | 07990 | | | | | | | 02 | 1 |
| 644 | 101 | 43 | | | | | | | | | | | 05 | 1 |
| 679 | 158 | 85911 | | | 045 | 05992 | | | | | | | 03 | 1 |
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| 016 | | | | | | | | | | | | | | |
| 325 | 180 | 84912 | 31 | 19 | 074 | 04991 | 29 | 5 | 450 | 19992 | | | 04 | 1 |
| 355 | 101 | 58 | | | | | | | | | | | 03 | 1 |
| 395 | | | | | | | | | | | | | | |
| 501 | 175 | 83952 | | | 069 | 94999 | | | 428 | 24998 | | | 03 | 1 |
| 525 | 170 | 86990 | 22 | 14 | 052 | 07996 | 24 | 9 | 428 | 24990 | 13 | 18 | 03 | 1 |
| 741 | | | | | | | | | | | | | | |
| 806 | 150 | 84991 | 06 | 22 | 037 | 08995 | 10 | 15 | | | | | 03 | 1 |
| 91 | | | | | | | | | | | | | | |
| 066 | 154 | 85992 | | | 040 | 04996 | | | 456 | 10997 | | | 03 | 1 |
| 115 | 153 | 85861 | 06 | 3 | 039 | 07996 | 09 | 14 | | | | | 03 | 1 |
| 182 | 184 | 84991 | 01 | 5 | 976 | 04996 | | | | | | | 03 | 1 |
| 215 | 188 | 80994 | 08 | 9 | 055 | 03992 | 02 | 6 | 427 | ***** | | | 03 | 1 |
| 245 | 178 | 82856 | 32 | 10 | 070 | 06990 | 32 | 33 | 439 | 19992 | 03 | 16 | 03 | 1 |
| 366 | 194 | 78998 | 27 | 11 | 810 | 99993 | 03 | 17 | | | | | 03 | 1 |
| 413 | 101 | 50 | | | | | | | | | | | 03 | 1 |
| 98 | | | | | | | | | | | | | | |
| 645 | 173 | 82902 | | | 075 | 03990 | | | 431 | 27994 | | | 03 | 8 |
| 0LL | | OCEAN STA | | | | | | | | | | | | |
| 034 | 185 | 85992 | | | 071 | 04998 | | | 468 | 15997 | | | 03 | 9 |
| 035 | 180 | 85935 | 24 | 34 | 071 | 08994 | 23 | 22 | 489 | 17992 | | | 03 | 9 |
| 037 | 154 | 75996 | | | 040 | 06994 | | | 430 | 14990 | | | 03 | 9 |
| 041 | 564 | 89983 | | | 241 | 05997 | | | 596 | 11998 | | | 02 | 5 |
| 044 | 173 | 83997 | 27 | 33 | 063 | 06990 | 21 | 26 | 459 | 12999 | 18 | 26 | 03 | 9 |
| 051 | 082 | 62500 | 29 | 44 | | | | | | | | | 02 | 1 |

## RADIOSONDE AND RAWINSONDE DATA. SIGNIFICANT LEVELS

| Index No. | 1st. 5th. etc. Level | | 2nd. 6th. etc. Level | | 3rd. 7th. etc. Level | | 4th. 8th. etc. Level | | Hour | Code Type |
|---|---|---|---|---|---|---|---|---|---|---|
| iii | PPP | TTTTT ddx | PPP | TTTTT ddx | PPP | TTTTT ddx | PPP | TTTTT ddx | GG | |
| 04 | | | | | | | | | | |
| 018 | 001 | 10080 | 988 | 10088 | 658 | 60637 | 636 | 63685 | 03 | 1 |
| 202 | 005 | 07002 | 984 | 08013 | 787 | 54556 | 695 | 62641 | 03 | 1 |
| 231 | 000 | 26060 | | | | | | | 03 | 1 |
| 270 | 007 | 10531 | 748 | 55598 | 628 | 61758 | 560 | 66707 | 04 | 1 |
| 339 | 003 | 67 | | | | | | | 03 | 5 |
| 360 | | | | | | | | | | |
| 06 | | | | | | | | | | |
| 180 | 009 | 12104 | 970 | 11039 | 902 | 06036 | 869 | 05013 | 03 | 5 |
| 260 | 017 | 14124 | 986 | 15083 | 912 | 12053 | 748 | 02004 | 03 | 8 |
| 447 | 006 | 13091 | 965 | 14094 | 734 | 04024 | 695 | 01525 | 03 | 8 |
| 07 | | | | | | | | | | |
| 110 | 100 | 11117 | 940 | 14099 | 860 | 13052 | 815 | 11051 | 02 | 5 |
| 145 | 001 | 10078 | 991 | 16115 | 867 | 11026 | 860 | 11016 | 02 | 8 |
| 190 | 001 | 13085 | 985 | 19131 | 960 | 19134 | 920 | 16093 | 02 | 8 |
| 480 | 994 | 18090 | 976 | 19116 | 935 | 19116 | 900 | 16079 | 02 | 8 |
| 510 | 014 | 14134 | 975 | 23112 | 910 | 19053 | 855 | 17022 | 02 | 5 |
| 645 | 008 | 25060 | 955 | 21593 | 930 | 21617 | 880 | 17625 | 02 | 8 |
| 08 | | | | | | | | | | |
| 509 | | | | | | | | | | |
| 521 | 009 | 25215 | 970 | 21181 | 951 | 21183 | 926 | 24114 | 14 | 8 |
| 536 | 008 | 32154 | 974 | 27124 | 954 | 28008 | 614 | 00682 | 14 | 8 |
| 10 | | | | | | | | | | |
| 034 | 012 | 55520 | 786 | 36850 | 726 | 35200 | 622 | 19030 | 02 | 2 |
| 122 | 012 | 61560 | 967 | 55510 | 838 | 46460 | 809 | 26460 | 08 | 2 |
| 338 | 011 | 55520 | 973 | 55480 | 811 | 35300 | 646 | 28190 | 02 | 2 |
| 384 | 010 | 12106 | 995 | 13122 | 887 | 07003 | 800 | 01004 | 03 | 5 |
| 419 | 989 | 56510 | 971 | 56470 | 780 | 34260 | 770 | 36280 | 02 | 2 |
| 633 | 002 | 14106 | 983 | 14095 | 968 | 15091 | 844 | 06550 | 03 | 5 |
| 866 | 958 | 10074 | 938 | 15032 | 798 | 06012 | 751 | 03602 | 03 | 5 |
| 11 | | | | | | | | | | |
| 030 | 998 | 12101 | 986 | 15121 | 938 | 15063 | 897 | 11045 | 03 | 5 |
| 567 | 985 | 12094 | 947 | 12103 | 870 | 06055 | 632 | 57571 | 05 | 5 |
| 40 | | | | | | | | | | |
| 427 | 995 | 96820 | 882 | 02770 | 965 | 04410 | 539 | 26030 | 15 | 2 |
| 648 | 993 | 81380 | | | 472 | 07840 | 331 | 92510 | 02 | 2 |
| 42 | | | | | | | | | | |
| 182 | 973 | 2726 | 787 | 1715 | 757 | 1613* | 660 | 0808* | 15 | 8 |
| 339 | 973 | 3026 | 956 | 3124 | 789 | 1502* | 645 | 0561* | 15 | 8 |
| 475 | 986 | 3026 | 955 | 2924 | 673 | 1007* | 633 | 0904* | 15 | 8 |
| 867 | 965 | 2524 | 500 | 52 | | | | | 15 | 8 |
| 909 | 997 | 2725 | 632 | 0952 | 357 | 65*** | | | 14 | 8 |
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| 063 | 940 | 2421 | 874 | 2217 | 840 | 1817* | 724 | 1210* | 14 | 8 |
| 149 | 992 | 3024 | 935 | 2523 | 500 | 5656* | | | 14 | 8 |
| 279 | 000 | 2924 | 966 | 3019 | 548 | 5054* | 260 | 90*** | 14 | 8 |
| 371 | 001 | 2323 | 165 | 14 | | | | | 15 | 8 |
| 45 | | | | | | | | | | |
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| 412 | 013 | 25057 | 920 | 18097 | 756 | 16011 | 600 | 07571 | 03 | 1 |
| 580 | 013 | 18145 | 988 | 15117 | 920 | 16152 | 888 | 18139 | 03 | 1 |
| 590 | 012 | 19187 | 920 | 15173 | 873 | 17158 | 600 | 06564 | 03 | 1 |
| 600 | 013 | 27238 | 887 | 21152 | 734 | 11077 | 641 | 06578 | 03 | 1 |
| 635 | | | | | | | | | | |
| 646 | 013 | 24216 | 949 | 18181 | 758 | 13067 | 765 | 08545 | 03 | 1 |
| 671 | | | | | | | | | | |
| 744 | 012 | 26283 | 939 | 18152 | 793 | 13079 | 593 | 00564 | 03 | 1 |
| 808 | 012 | 28224 | 600 | 04602 | 400 | 64774 | 240 | 90990 | 03 | 1 |
| 827 | 011 | 30234 | 967 | 23164 | 656 | 08540 | 400 | 62741 | 05 | 1 |
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| 120 | 014 | 21201 | 962 | 27124 | 750 | 13991 | 600 | 50995 | 03 | 6 |
| 155 | 009 | 21208 | 992 | 27132 | 970 | 28110 | 900 | 27017 | 02 | 5 |
| 390 | 012 | 21197 | 964 | 25129 | 930 | 25065 | 834 | 19532 | 02 | 5 |
| 715 | 015 | 22175 | 007 | 24919 | 965 | 241*2 | 806 | 14025 | 02 | 5 |
| 62 | | | | | | | | | | |
| 053 | 998 | 72880 | 977 | 72700 | 947 | 66640 | 927 | 66600 | 02 | 7 |
| 70 | | | | | | | | | | |
| 026 | 009 | 11072 | 982 | 11055 | 973 | 14072 | 734 | 51555 | 03 | 1 |
| 133 | 010 | 16090 | 895 | 09003 | 827 | 04003 | 772 | 02582 | 03 | 1 |
| 200 | 012 | 10084 | 880 | 01005 | 810 | 00587 | 767 | 00582 | 03 | 1 |
| 204 | 008 | 07064 | 947 | 04013 | 905 | 07045 | 716 | 54581 | 04 | 1 |
| 219 | 012 | 15076 | 786 | 53549 | 765 | 52565 | 740 | 54615 | 03 | 1 |
| 231 | 000 | 16063 | 637 | 58605 | 400 | 83877 | 357 | 90933 | 03 | 1 |
| 261 | 995 | 13121 | 966 | 10109 | 615 | 58639 | 400 | 83863 | 03 | 1 |
| 273 | 009 | 13099 | 908 | 06006 | 732 | 54553 | 720 | 54553 | 03 | 1 |
| 291 | 949 | 15063 | 672 | 56725 | 585 | 64707 | 400 | 87971 | 03 | 1 |
| 316 | | | | | | | | | | |
| 350 | 013 | 11072 | 940 | 08058 | 809 | 50525 | 676 | 58616 | 03 | 1 |
| 361 | 012 | 13091 | 838 | 04006 | 767 | 50621 | 616 | 62681 | 04 | 1 |
| 381 | 011 | 13085 | 412 | 74809 | 400 | 76813 | 360 | 81842 | 03 | 1 |
| 398 | 011 | 12124 | 730 | 50546 | 628 | 53555 | 400 | 72774 | 03 | 1 |
| 409 | 005 | 15092 | 925 | 09016 | 910 | | 675 | 06610 | 03 | 1 |
| 485 | 015 | 07079 | 806 | 03002 | 771 | 04037 | 943 | 94991 | 04 | 1 |
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| 202 | 014 | 24231 | 999 | 27225 | 760 | 11081 | 645 | 05542 | 03 | 1 |
| 208 | 011 | 26242 | 890 | 22137 | 766 | 13073 | 665 | 06575 | 03 | 1 |
| 211 | 013 | 25211 | 978 | 27161 | 620 | 00521 | 584 | 53562 | 03 | 1 |
| 219 | 980 | 27202 | 967 | 27184 | 940 | 26192 | 910 | 26152 | 03 | 1 |
| 231 | 013 | 24237 | 985 | 27198 | 637 | 04516 | 548 | 52697 | 03 | 1 |
| 240 | 013 | 27213 | 988 | 29182 | 883 | 21164 | 797 | 14098 | 03 | 1 |
| 250 | 014 | 25237 | 964 | 23208 | 880 | 21075 | 792 | 15055 | 04 | 1 |
| 253 | 973 | 29141 | 907 | 25136 | 895 | 24079 | 574 | 51561 | 03 | 1 |
| 259 | 995 | 27201 | 972 | 27195 | 760 | 13064 | 567 | 51544 | 03 | 1 |
| 265 | 929 | 28138 | 907 | 29148 | 640 | 05012 | 605 | 02601 | 03 | 1 |
| 270 | 886 | 25149 | 837 | 25101 | 633 | 04025 | 506 | 57583 | 03 | 1 |
| 278 | 973 | 35152 | 953 | 35162 | 744 | 15087 | 609 | 03510 | 03 | 1 |
| 304 | 012 | 27264 | 904 | 21189 | 868 | 19124 | 628 | 01577 | 03 | 1 |
| 317 | 980 | 26242 | 495 | 56638 | 488 | 56718 | 475 | 58689 | 03 | 1 |
| 327 | 994 | 23218 | 784 | 13126 | 468 | 59648 | 400 | 67817 | 03 | 1 |
| 340 | 006 | 24228 | 990 | 22182 | 966 | 22194 | 523 | 55584 | 03 | 1 |
| 353 | 973 | 24219 | 823 | 15123 | 743 | 11042 | 688 | 08647 | 03 | 1 |
| 365 | 843 | 25104 | 815 | 26093 | 595 | 05585 | 542 | 51564 | 03 | 1 |
| 386 | 936 | 34068 | 933 | 37073 | 548 | 54613 | 506 | 58722 | 03 | 1 |
| 394 | 008 | 15138 | 982 | 14118 | 950 | 18137 | 902 | 22107 | 03 | 1 |
| 445 | 990 | 20161 | 978 | 22164 | 871 | 14082 | 863 | 15002 | 03 | 1 |
| 451 | 931 | 21179 | 923 | 23170 | 840 | 20101 | 790 | 19551 | 03 | 1 |
| 476 | 854 | 29016 | 844 | 32031 | 600 | 06575 | 410 | 66827 | 03 | 1 |
| 486 | 814 | 23002 | 805 | 28541 | 492 | 58742 | 400 | 69838 | 03 | 1 |
| 493 | 015 | 16144 | 996 | 15115 | 981 | 24144 | 963 | 26116 | 03 | 1 |
| 506 | 008 | 22807 | 989 | 26233 | 960 | 27173 | 938 | 26097 | 03 | 1 |
| 518 | 997 | 23204 | 950 | 23169 | 795 | 14123 | 439 | 61685 | 03 | 1 |
| 520 | 969 | 18187 | 868 | 12105 | 847 | 13108 | 590 | 51559 | 03 | 1 |
| 528 | 986 | 20184 | 814 | 10088 | 796 | 11042 | 758 | 08539 | 03 | 1 |
| 534 | 988 | 17136 | 805 | 06031 | 775 | 09583 | 752 | 08615 | 03 | 1 |
| 536 | 993 | 17148 | 990 | 19154 | 801 | 06018 | 780 | 09599 | 03 | 1 |
| 553 | 984 | 22184 | 978 | 22143 | 875 | 14085 | 836 | 17541 | 03 | 1 |
| 562 | 922 | 21164 | 903 | 22154 | 768 | 16519 | 731 | 12044 | 03 | 1 |
| 576 | 834 | 25035 | 822 | 28008 | 445 | 66781 | 400 | 71777 | 03 | 1 |
| 597 | 967 | 32116 | 756 | 14054 | 544 | 54747 | 400 | 73996 | 03 | 1 |
| 600 | 012 | 17179 | 987 | 21210 | 965 | 20201 | 951 | 21204 | 03 | 1 |
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| 655 | 983 | 17133 | 968 | 20116 | 810 | 08035 | 793 | 08557 | 03 | 1 |
| 662 | 905 | 21116 | 892 | 29112 | 608 | 02563 | 568 | 51674 | 03 | 1 |
| 681 | 916 | 32105 | 895 | 33034 | 482 | 60687 | 426 | 67715 | 03 | 1 |
| 712 | 987 | 19179 | 962 | 22177 | 798 | 13024 | 745 | 10011 | 03 | 1 |
| 734 | 992 | 14125 | 901 | 11051 | 708 | 52544 | 664 | 56573 | 03 | 1 |
| 747 | 976 | 16121 | 963 | 20131 | 780 | 06023 | 646 | 51595 | 03 | 1 |
| 764 | 955 | 25155 | 930 | 26122 | 604 | 53573 | 645 | 4665* | 03 | 1 |
| 768 | 940 | 26117 | 935 | 28117 | 909 | 28052 | 597 | 00674 | 03 | 1 |
| 775 | 889 | 27052 | 879 | 28078 | 600 | 51585 | 555 | 55673 | 03 | 1 |
| 785 | 933 | 30031 | 757 | 14512 | 703 | 10625 | 400 | 71996 | 03 | 1 |
| 798 | 016 | 11119 | 971 | 17167 | 908 | 18049 | 752 | 09522 | 03 | 1 |
| 807 | | | | | | | | | | |
| 815 | 006 | 20194 | 957 | 18187 | 911 | 18187 | 580 | 52541 | 03 | 1 |
| 816 | 002 | 17098 | 726 | 51545 | 714 | 50545 | 634 | 55712 | 03 | 1 |
| 826 | 951 | 10072 | 866 | 04023 | 810 | 04015 | 782 | 01537 | 03 | 1 |
| 836 | 018 | 09082 | 966 | 12081 | 929 | 10022 | 795 | 02566 | 03 | 1 |
| 867 | 978 | 16139 | 944 | 18093 | 662 | 53591 | 639 | 53595 | 03 | 1 |
| 879 | 938 | 20135 | 912 | 19082 | 815 | 11022 | 734 | 04505 | 03 | 1 |
| 896 | 941 | 17127 | 540 | 59628 | 457 | 68693 | 450 | 67707 | 03 | 1 |
| 906 | 090 | 06042 | 910 | 01992 | 890 | 02011 | 795 | 52990 | 03 | 1 |
| 907 | 015 | 10063 | 920 | 03024 | 904 | 03018 | 800 | 51563 | 03 | 1 |
| 909 | 012 | 06038 | 962 | 10733 | 900 | 09032 | 662 | 59600 | 03 | 1 |
| 913 | 007 | 21151 | 882 | 13072 | 793 | 05031 | 770 | 06542 | 03 | 1 |
| 915 | 008 | 10061 | 955 | 10036 | 808 | 51525 | 753 | 53571 | 03 | 1 |
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| 964 | 931 | 16002 | 782 | 04520 | 730 | 51549 | 645 | 55659 | 03 | 1 |
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| 043 | 002 | 23095 | 660 | 53573 | 557 | 61736 | 400 | 80911 | 03 | 1 |
| 072 | 010 | 06021 | 936 | 51544 | 810 | 51581 | 730 | 57734 | 03 | 1 |
| 074 | 009 | 03027 | 991 | 02008 | 974 | 06022 | 886 | 01541 | 03 | 1 |
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| 188 | 005 | 13139 | | | 910 | 13098 | 764 | 04005 | 03 | 1 |
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| 458 | 010 | 20 | 950 | 24191 | 932 | 25251 | 886 | 22163 | 02 | 1 |
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| 016 | 017 | 26232 | 730 | 07535 | 646 | 03680 | 575 | 51594 | 03 | 1 |
| 325 | 010 | 26235 | 800 | 14097 | 758 | 13502 | | | 04 | 1 |
| 355 | 002 | 23219 | 951 | 23204 | 905 | 22116 | 893 | 20157 | 03 | 1 |
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| 501 | 014 | 26239 | 940 | 21197 | 800 | 14083 | 755 | 12010 | 03 | 1 |
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| 741 | 006 | 27234 | 757 | 13109 | 684 | 09518 | 578 | 00544 | 03 | 1 |
| 806 | 010 | 26244 | 810 | 13129 | 578 | 51669 | 400 | 68992 | 03 | 1 |
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| 115 | 997 | 28257 | 820 | 16089 | 762 | 12085 | 732 | 10025 | 03 | 1 |
| 182 | 017 | 26215 | 906 | 17161 | 844 | 12115 | 815 | 17032 | 03 | 1 |
| 215 | 002 | 30236 | 985 | 22804 | 750 | 11084 | | 11053 | 03 | 1 |
| 245 | 013 | 20244 | 962 | | 762 | 14073 | 718 | 12574 | 03 | 1 |
| 366 | 009 | 30242 | 948 | 25211 | 855 | 20162 | 600 | 04529 | 03 | 1 |
| 413 | 006 | 26255 | 582 | 01551 | 101 | 58*** | | | 03 | 1 |
| 98 | | | | | | | | | | |
| 645 | 004 | 30239 | 950 | 84198 | 631 | 04512 | 548 | 51652 | 03 | 8 |
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| 034 | 087 | 24207 | 965 | 20180 | 790 | 11591 | 275 | 90990 | 03 | 9 |
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| 037 | 012 | 26249 | 763 | 10076 | 739 | 09504 | 620 | 00539 | 03 | 9 |
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| 044 | 018 | 15155 | 988 | 18185 | 648 | 04633 | 580 | 52575 | 03 | 9 |
| 051 | 012 | 56430 | | | | | | | 02 | 2 |

## RADIOSONDE AND RAWINSONDE DATA. SIGNIFICANT LEVELS

| Index No. | 1st. 5th. etc. Level | | 2nd. 6th. etc. Level | | 3rd. 7th. etc. Level | | 4th. 8th. etc. Level | | Hour | Code Type |
|---|---|---|---|---|---|---|---|---|---|---|
| iii | PPP | TTTTT ddx | PPP | TTTTT ddx | PPP | TTTTT ddx | PPP | TTTTT ddx | GG | |
| 04 | | | | | | | | | | |
| 018 | 617 | 61691 | 598 | 63782 | 400 | 81858 | 343 | 90938 | 03 | 1 |
| 202 | 677 | 61668 | 628 | 62764 | 453 | 81919 | 400 | 88931 | 03 | 1 |
| 231 | | | | | | | | | | |
| 270 | 400 | 86901 | 360 | 90012 | 250 | 06990 | 224 | 98922 | 04 | 1 |
| 339 | | | | | | | | | | |
| 360 | | | | | | | | | | |
| 06 | | | | | | | | | | |
| 180 | 833 | 05004 | 671 | 55628 | 555 | 54626 | 509 | 64706 | 03 | 5 |
| 260 | 628 | 55570 | 538 | 65694 | 507 | 64767 | 486 | 66773 | 03 | 8 |
| 447 | 685 | 07516 | 670 | 00506 | 620 | 52533 | 550 | 58625 | 03 | 8 |
| 07 | | | | | | | | | | |
| 110 | 720 | 06510 | 686 | 03533 | 600 | 53592 | 538 | 59641 | 02 | 5 |
| 145 | 791 | 10556 | 792 | 07592 | 639 | 52572 | 621 | 56595 | 02 | 8 |
| 190 | 876 | 13074 | 835 | 09047 | 770 | 09036 | 677 | 04520 | 02 | 8 |
| 480 | 645 | 03585 | 372 | 80906 | 230 | 00000 | | | 02 | 8 |
| 510 | 800 | 12004 | 715 | 10544 | 635 | 03610 | 558 | 53663 | 02 | 5 |
| 645 | 835 | 15667 | 780 | 10701 | 705 | 07721 | 600 | 52800 | 02 | 8 |
| 08 | | | | | | | | | | |
| 509 | | | | | | | | | | |
| 521 | 756 | 15504 | 609 | 00646 | | | | | 14 | 8 |
| 536 | 564 | 00990 | 400 | 70996 | 140 | 14991 | 077 | 09993 | 14 | 8 |
| 10 | | | | | | | | | | |
| 034 | 459 | 22060 | 479 | 99880 | 190 | 43**0 | 067 | 44**0 | 02 | 2 |
| 122 | 779 | 40370 | 569 | 15100 | | | 475 | 03920 | 08 | 2 |
| 338 | 540 | 09030 | 520 | 09970 | 232 | 35**0 | 287 | 43**0 | 02 | 2 |
| 384 | 538 | 63815 | 485 | 67712 | 400 | 76836 | | | 03 | 5 |
| 419 | 727 | 36310 | 218 | 34 0 | 195 | 42**0 | 075 | 39**0 | 02 | 2 |
| 633 | 813 | 04003 | 785 | 03002 | 733 | 50533 | 717 | 00544 | 03 | 5 |
| 866 | 711 | 03534 | 602 | 54562 | 573 | 56731 | 456 | 62885 | 03 | 5 |
| 11 | | | | | | | | | | |
| 030 | 705 | 55531 | 693 | | 665 | 54704 | 623 | 55725 | 03 | 5 |
| 567 | 600 | 55559 | 428 | 70712 | 243 | 01990 | 211 | 02996 | 05 | 5 |
| 40 | | | | | | | | | | |
| 427 | 522 | 33000 | 505 | 31970 | 487 | 32910 | 470 | 28780 | 15 | 2 |
| 648 | 270 | 70430 | 182 | 36 0 | 142 | 19**0 | 128 | 18**0 | 02 | 2 |
| 42 | | | | | | | | | | |
| 182 | 526 | 0250 | 462 | 57 | 076 | 14*** | | | 15 | 8 |
| 339 | 574 | 03 | 530 | 52 | 175 | 05*** | 155 | 08*** | 15 | 8 |
| 475 | 489 | 5555 | 291 | 79 | | | | | 15 | 8 |
| 867 | | | | | | | | | | |
| 909 | | | | | | | | | | |
| 43 | | | | | | | | | | |
| 063 | 661 | 1104 | 577 | 0202 | 441 | 57*** | 376 | 66*** | 14 | 8 |
| 149 | | | | | | | | | | |
| 279 | | | | | | | | | | |
| 371 | | | | | | | | | | |
| 45 | | | | | | | | | | |
| 007 | 750 | 13100 | 650 | 05030 | 600 | 01000 | 550 | 52**0 | 22 | 8 |
| 47 | | | | | | | | | | |
| 401 | 595 | 02652 | 397 | 70861 | 376 | 71870 | 264 | 91999 | 04 | 1 |
| 412 | 400 | 60734 | 159 | 91997 | 101 | 54*** | | | 03 | 1 |
| 580 | 770 | 12521 | 740 | 14600 | 543 | 04993 | 460 | 52683 | 03 | 1 |
| 590 | 400 | 57761 | 287 | 72893 | 276 | 72893 | 143 | 03990 | 03 | 1 |
| 600 | 525 | 00622 | 427 | 57701 | 233 | 69815 | 271 | 81931 | 03 | 1 |
| 635 | | | | | | | | | | |
| 646 | 600 | 04581 | 543 | 02611 | 143 | 13997 | 113 | 17990 | 03 | 1 |
| 671 | | | | | | | | | | |
| 744 | | 61714 | 415 | 63721 | 336 | 73817 | 384 | 76874 | 03 | 1 |
| 808 | 153 | 11996 | 101 | 59 | | | | | 03 | 1 |
| 827 | 347 | 68815 | 166 | 06997 | 126 | 15992 | 096 | 25995 | 05 | 1 |
| 60 | | | | | | | | | | |
| 120 | 432 | 70990 | 416 | 70990 | 400 | 73995 | | | 03 | 6 |
| 155 | 880 | 24544 | 862 | 24545 | 850 | 23562 | 830 | 22570 | 02 | 5 |
| 390 | 787 | 07582 | 660 | 02607 | 626 | 52602 | 571 | 54638 | 02 | 5 |
| 715 | 694 | 05973 | 506 | 55754 | 400 | 69879 | 190 | 03999 | 02 | 5 |
| 62 | | | | | | | | | | |
| 053 | 916 | 70630 | 821 | 60320 | 764 | 60270 | 731 | 54200 | 02 | 7 |
| 70 | | | | | | | | | | |
| 026 | 723 | 50561 | 564 | 63693 | 400 | 82939 | 355 | 89007 | 03 | 1 |
| 133 | 761 | 01552 | 647 | 56681 | 481 | 70841 | 400 | 81998 | 03 | 1 |
| 200 | 605 | 61767 | 400 | 84941 | 358 | 90989 | 242 | 03996 | 03 | 1 |
| 204 | 578 | 64788 | 550 | 66747 | 400 | 82864 | 327 | 90931 | 04 | 1 |
| 219 | 597 | 65762 | 439 | 83944 | 400 | 85963 | 346 | 90990 | 03 | 1 |
| 231 | 253 | 05995 | 080 | 94995 | | | | | 03 | 1 |
| 261 | 355 | 90932 | 241 | 07993 | | | | | 03 | 1 |
| 273 | 536 | 69690 | 400 | 85883 | 368 | 90940 | 276 | 03997 | 03 | 1 |
| 291 | 379 | 89004 | 320 | 00990 | 190 | 94994 | | | 03 | 1 |
| 316 | | | | | | | | | | |
| 350 | 610 | 63660 | 547 | 68723 | 508 | 72797 | 483 | 74807 | 03 | 1 |
| 361 | 533 | 68828 | 455 | 77892 | 400 | 83992 | 340 | 90990 | 04 | 1 |
| 381 | 330 | 86912 | 218 | 06991 | 075 | 97997 | | | 03 | 1 |
| 398 | 294 | 89942 | 224 | 04999 | | | | | 03 | 1 |
| 409 | 615 | 01673 | 705 | 47346 | 400 | 67995 | 220 | 90990 | 03 | 1 |
| 485 | 447 | 747 | 400 | 62747 | 347 | 68786 | 246 | 79810 | 04 | 1 |
| 72 | | | | | | | | | | |
| 202 | 400 | 67719 | 267 | 88948 | 132 | 20996 | | | 03 | 1 |
| 208 | 616 | 01537 | 562 | 53999 | 101 | 58*** | 101 | 68*** | 03 | 1 |
| 211 | 576 | 51554 | 400 | 67722 | 375 | 72778 | | | 03 | 1 |
| 219 | 677 | 08567 | 665 | 07508 | 612 | 03513 | 400 | 66803 | 03 | 1 |
| 231 | 523 | 54644 | 400 | 69781 | 340 | 76899 | 282 | 87924 | 03 | 1 |
| 240 | 737 | 12014 | 602 | 03673 | 554 | 51618 | 400 | 68836 | 03 | 1 |
| 250 | 777 | 15534 | 712 | 10581 | 675 | 07563 | 662 | 05528 | 04 | 1 |
| 253 | 538 | 54641 | 508 | 54715 | 400 | 67813 | 356 | 73862 | 03 | 1 |
| 259 | 485 | 58724 | 470 | 58741 | 400 | 67997 | | | 03 | 1 |
| 265 | 552 | 53643 | 541 | 54593 | 531 | 53631 | 450 | 61687 | 03 | 1 |
| 270 | 400 | 66698 | 263 | 90933 | 140 | 20993 | | | 03 | 1 |
| 278 | 568 | 50576 | 463 | 60613 | 428 | 64669 | 400 | 69787 | 03 | 1 |
| 304 | 616 | 00557 | 586 | 51624 | 564 | 53598 | 400 | 69817 | 03 | 1 |
| 317 | 460 | 60754 | 400 | 67804 | 352 | 74799 | 279 | 87962 | 03 | 1 |
| 327 | 380 | 70848 | 340 | 76824 | 260 | 89007 | 140 | 19990 | 03 | 1 |
| 340 | 482 | 58770 | 400 | 68990 | 265 | 90990 | 127 | 22991 | 03 | 1 |
| 353 | 556 | 52993 | 503 | 55731 | 400 | 67827 | 362 | 72866 | 03 | 1 |
| 365 | 477 | 58664 | 448 | 61772 | 400 | 66766 | 373 | 70813 | 03 | 1 |
| 386 | 489 | 60676 | 451 | 63684 | 430 | 64801 | 400 | 68802 | 03 | 1 |
| 394 | 632 | 03002 | 400 | 67719 | 390 | 69763 | 262 | 90011 | 03 | 1 |
| 445 | 857 | 16502 | 795 | 14614 | 400 | 71996 | 277 | 90990 | 03 | 1 |
| 451 | 550 | 54624 | 540 | 55673 | 475 | 60776 | 425 | 66775 | 03 | 1 |
| 476 | 400 | 68995 | 335 | 76898 | 268 | 87946 | 227 | 97991 | 03 | 1 |
| 486 | 373 | 73791 | 348 | 76801 | 333 | 78888 | 266 | 89986 | 03 | 1 |
| 493 | 902 | 23117 | 804 | 12081 | 756 | 11058 | 602 | 50539 | 03 | 1 |
| 506 | 785 | 16082 | 719 | 11551 | 635 | 04613 | 607 | 01549 | 03 | 1 |
| 518 | 400 | 66701 | 256 | 90933 | 130 | 18997 | 103 | 13998 | 03 | 1 |
| 520 | 572 | 51565 | 558 | 53639 | 550 | 53722 | 486 | 57767 | 03 | 1 |
| 528 | 715 | 05011 | 631 | 02512 | 558 | 52725 | 400 | 68993 | 03 | 1 |
| 534 | 752 | 08615 | 548 | 54995 | 400 | 74994 | 230 | 00990 | 03 | 1 |
| 536 | 566 | 52996 | 400 | 72997 | 275 | 87998 | 165 | 10998 | 03 | 1 |
| 553 | 818 | 15035 | 738 | 10004 | 689 | 05029 | 635 | 03651 | 03 | 1 |
| 562 | 665 | 07557 | 552 | 56616 | 545 | 56687 | 510 | 59755 | 03 | 1 |
| 576 | 378 | 74772 | 355 | 77843 | 277 | 90001 | 230 | 97994 | 03 | 1 |
| 597 | 291 | 90990 | 116 | 12997 | | | | | 03 | 1 |
| 600 | 914 | 20161 | 811 | 14118 | 581 | 00623 | 550 | 53591 | 03 | 1 |
| 606 | 424 | 65734 | 101 | 47 | | | | | 03 | 1 |
| 655 | 742 | 06508 | 680 | 01551 | 653 | 50632 | 614 | 53628 | 03 | 1 |
| 662 | 492 | 60764 | 400 | 22996 | 294 | 90990 | 134 | 12994 | 03 | 1 |
| 681 | 400 | 70751 | 274 | 90950 | 158 | 11990 | | | 03 | 1 |
| 712 | 733 | 10562 | 706 | 09621 | 658 | 06637 | 630 | 03576 | 03 | 1 |
| 734 | 631 | 56583 | 537 | 63745 | 400 | 80907 | 364 | 86985 | 03 | 1 |
| 747 | 400 | 75804 | 101 | 65 | 065 | 40*** | 308 | 89947 | 03 | 1 |
| 764 | 444 | 67794 | 400 | 74831 | 328 | 85971 | 092 | 09994 | 03 | 1 |
| 768 | 400 | 73843 | 304 | 88007 | 195 | 09990 | 174 | 06999 | 03 | 1 |
| 775 | 400 | 73846 | 310 | 88972 | 214 | 07995 | 122 | 12990 | 03 | 1 |
| 785 | 305 | 87999 | 285 | 90996 | | | | | 03 | 1 |
| 798 | 698 | 06655 | 648 | 03997 | 588 | 51701 | 400 | 72864 | 03 | 1 |
| 807 | | | | | | | | | | |
| 815 | 550 | 52561 | 438 | 64679 | 400 | 70812 | 343 | 75996 | 03 | 1 |
| 816 | 622 | 55990 | 400 | 75992 | 334 | 85990 | 273 | 90999 | 03 | 1 |
| 826 | 735 | 51546 | 721 | 00664 | 575 | 58992 | 400 | 77999 | 03 | 1 |
| 836 | 776 | 01547 | 715 | 52553 | 593 | 59662 | 458 | 72764 | 03 | 1 |
| 867 | 464 | 70774 | 451 | 70779 | 400 | 76830 | 310 | 88998 | 03 | 1 |
| 879 | 672 | 50528 | 615 | 55574 | 400 | 75795 | 310 | 89996 | 03 | 1 |
| 896 | 400 | 73771 | 291 | 90990 | 199 | 12990 | 163 | 04995 | 03 | 1 |
| 906 | | | 725 | 55991 | 655 | 59995 | 101 | 56*** | 03 | 1 |
| 907 | 637 | 59729 | | 60759 | 460 | 76873 | 400 | 89991 | 03 | 1 |
| 909 | 540 | 68686 | 482 | 73828 | 400 | 84895 | 350 | 90941 | 03 | 1 |
| 913 | 687 | 00644 | 623 | 56652 | 543 | 63742 | 475 | 70795 | 03 | 1 |
| 915 | 718 | 53613 | 650 | 59685 | 630 | 60672 | 617 | 60693 | 03 | 1 |
| 917 | 586 | 69736 | 543 | 70804 | 400 | 88913 | 285 | 04998 | 03 | 1 |
| 918 | 259 | 89992 | 086 | 93993 | | | | | 03 | 1 |
| 924 | 621 | 69781 | 425 | 90983 | 400 | 93996 | 260 | 86996 | 03 | 1 |
| 926 | | | | | | | | | | |
| 934 | 244 | 10990 | 081 | 01994 | 101 | 47*** | | | 03 | 1 |
| 938 | | | | | | | | | | |
| 945 | 627 | 56665 | 400 | 78832 | 334 | 87937 | 273 | 98999 | 03 | 1 |
| 964 | 400 | 79805 | 318 | 92991 | 268 | 95990 | 125 | 91992 | 03 | 1 |
| 968 | 408 | 75823 | 193 | 06996 | 054 | 89993 | 101 | 58*** | 03 | 1 |
| 74 | | | | | | | | | | |
| 043 | | | | | | | | | | |
| 072 | 715 | 57743 | 670 | 59995 | 487 | 75883 | 400 | 84921 | 03 | 1 |
| 074 | 674 | 61673 | 583 | 68785 | 448 | 84951 | 400 | 91993 | 03 | 1 |
| 090 | 628 | 61745 | 529 | 70839 | 956 | 76998 | 400 | 84990 | 03 | 1 |
| 109 | 686 | 03568 | 656 | 08618 | 644 | 01562 | 602 | 50579 | 03 | 1 |
| 188 | 748 | | | | | | 238 | 96996 | 03 | 1 |
| 76 | | | | | | | | | | |
| 458 | 833 | 19045 | 453 | 62685 | 400 | 68804 | 362 | 73878 | 02 | 1 |
| 491 | 728 | 08022 | 691 | 06594 | 637 | 01572 | 593 | 52612 | 02 | 1 |
| 644 | 682 | 08036 | 674 | 05009 | 599 | 02543 | 400 | 68739 | 05 | 1 |
| 679 | 447 | 64662 | 427 | 66747 | 415 | 67744 | 400 | 69799 | 03 | 1 |
| 78 | | | | | | | | | | |
| 016 | 515 | 57700 | 400 | 70990 | 315 | 83990 | | | 03 | 1 |
| 325 | | | | | | | 266 | 89956 | 04 | 1 |
| 355 | | | | | | | | | | |
| 395 | | | | | | | | | | |
| 501 | 676 | 06019 | 652 | 05553 | 612 | 02551 | 400 | 68835 | 03 | 1 |
| 525 | | | | | 160 | 11994 | 134 | 20990 | 03 | 1 |
| 741 | 444 | 60707 | 400 | 66741 | | | | | 03 | 1 |
| 806 | 267 | 90990 | 148 | 26990 | | | | | 03 | 1 |
| 91 | | | | | | | | | | |
| 066 | 644 | 01007 | 513 | 58594 | 443 | 63789 | 400 | 70995 | 03 | 1 |
| 115 | 602 | 00624 | 548 | 54629 | 530 | 54657 | 478 | 59600 | 03 | 1 |
| 182 | 770 | 14541 | 643 | 03545 | 625 | 03569 | 582 | 00678 | 03 | 1 |
| 215 | 400 | 63794 | 255 | 90990 | 170 | 11993 | 123 | 23998 | 03 | 1 |
| 245 | 704 | 12574 | 657 | 09660 | 578 | 00999 | 526 | 54704 | 03 | 1 |
| 366 | 525 | 53572 | 400 | 63794 | 255 | 86592 | 130 | 20990 | 03 | 1 |
| 413 | | | | | | | | | | |
| 98 | | | | | | | | | | |
| 645 | 382 | 68838 | 345 | 74881 | 266 | 86975 | 250 | 90990 | 03 | 8 |
| 0LL | | OCEAN | STA | | | | | | | |
| 034 | 146 | 13996 | 120 | 17994 | | | | | 03 | 9 |
| 035 | 400 | 70741 | 377 | 73762 | 340 | 78866 | 276 | 90972 | 03 | 9 |
| 037 | 571 | 50598 | 488 | 58767 | 400 | 68998 | 275 | 90990 | 03 | 9 |
| 041 | | | | | | | | | | |
| 044 | 422 | 66812 | 400 | 67999 | 272 | 89992 | 150 | 15994 | 03 | 9 |
| 051 | | | | | | | | | | |

JULY 31

## RADIOSONDE AND RAWINSONDE DATA

| Index No. iii | Station Name | 1000 mb. hhh | TTTTT ddx | dd | ff | 850 mb. hhh | TTTTT ddx | dd | ff | 700 mb. hhh | TTTTT ddx | dd | ff | 500 mb. hhh | TTTTT ddx | dd | ff | Hour GG | Code Type |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 053 | 0 527 385 | 013 | 11111 | 14 | 20 | 461 | 12121 | 19 | 28 | 992 | 05041 | 25 | 48 | 870 | 60683 | 27 | 35 | 03 | 9 |
| 054 | 0 566 400 | 005 | 09099 | 14 | 17 | 445 | 05045 | 17 | 16 | 962 | 00519 | 22 | 25 | 827 | 63693 | 26 | 35 | 03 | 9 |
| 062 | 0 600 200 | 016 | 51450 | 34 | 12 | 453 | 57330 | 32 | 15 | 960 | 22180 | | | 802 | 95900 | 31 | 15 | 02 | 2 |
| 063 | 0 620 330 | 037 | 08059 | | | 472 | 01502 | 17 | 1 | 976 | 57608 | 23 | 6 | 909 | 73843 | 23 | 8 | 03 | 9 |
| 144 | 1 490 480 | 321 | 11102 | | | 473 | 05048 | | | 991 | 50511 | | | 848 | 65808 | 22 | 41 | 03 | 9 |
| 223 | 2 294 346 | 037 | 25 | | | 491 | 14 | | | 021 | 08*** | | | 909 | 53*** | | | 03 | 1 |
| 235 | 2 384 532 | 033 | 16 | | | 474 | 04 | | | 994 | 03*** | | | 186 | 56*** | | | 03 | 1 |
| 237 | 2 326 770 | 101 | 59 | | | *** | ***** | | | *** | ***** | | | *** | ***** | | | 03 | 9 |
| 246 | 2 440 650 | 008 | 16161 | | | 486 | 14131 | | | 015 | 05048 | | | 893 | 59599 | | | 03 | 9 |
| 360 | 3 660 020 | 069 | 09990 | 01 | 24 | 395 | 03994 | 01 | 14 | 953 | 55990 | 35 | 9 | 522 | 71990 | 33 | 7 | 03 | 5 |

## RADIOSONDE AND RAWINSONDE DATA — Continued

| Index No. iii | 300 mb. hhh | TTTTT ddx | dd | ff | 200 mb. hhh | TTTTT ddx | dd | ff | 100 mb. hhh | TTTTT ddx | dd | ff | Hour GG | Code Type |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 053 | 089 | 89972 | 26 | 48 | 970 | 03999 | 30 | 43 | 411 | 05996 | 31 | 38 | 03 | 9 |
| 054 | 034 | 91990 | | | 928 | | | | | | | | 03 | 9 |
| 062 | 978 | 55 0 | 25 | 10 | 869 | 55 | 20 | 30 | 389 | 49**0 | 29 | 21 | 02 | 2 |
| 063 | 978 | 06993 | 30 | 54 | 859 | 95990 | 27 | 40 | 353 | 96994 | 26 | 24 | 03 | 9 |
| 144 | 043 | 92990 | 23 | 52 | | | | | | | | | 03 | 9 |
| 223 | 196 | 69 | | | 168 | 84 | | | 664 | 01*** | | | 03 | 1 |
| 235 | 139 | 76 | | | 052 | 95 | | | | | | | 03 | 1 |
| 237 | 101 | 59 | | | | | | | | | | | 03 | 9 |
| 246 | 132 | 83991 | | | | | | | | | | | 03 | 9 |
| 360 | 909 | 98996 | 30 | 27 | | | | | | | | | 03 | 1 |

## RADIOSONDE AND RAWINSONDE DATA.
### SIGNIFICANT LEVELS

| Index No. iii | 1st. 5th. etc. Level PPP | TTTTT ddx | 2nd. 6th. etc. Level PPP | TTTTT ddx | 3rd. 7th. etc. Level PPP | TTTTT ddx | 4th. 8th. etc. Level PPP | TTTTT ddx | Hour GG | Code Type |
|---|---|---|---|---|---|---|---|---|---|---|
| 053 | 004 | 11115 | 990 | 10109 | 980 | 12121 | 818 | 12121 | 03 | 9 |
| 054 | 001 | 09099 | 400 | 75811 | 309 | 90972 | 138 | 98998 | 03 | 9 |
| 062 | 006 | 51450 | 624 | 14110 | 338 | 60440 | 268 | 50*** | 02 | 2 |
| 063 | 013 | 09085 | 604 | 65697 | 582 | 65715 | 554 | 67795 | 03 | 9 |
| 144 | 011 | 11115 | 588 | 58605 | 496 | 66811 | 400 | 99992 | 03 | 9 |
| 223 | 013 | 27 | 948 | 19 | 808 | 13*** | 776 | 09*** | 03 | 1 |
| 235 | 018 | 19 | 787 | 07 | 769 | 06*** | 731 | 06*** | 03 | 1 |
| 237 | | | | | | | | | | |
| 246 | 008 | 14145 | 982 | 20201 | 930 | 19199 | 904 | 16160 | 03 | 9 |
| 360 | 008 | 09053 | 765 | 50 | 646 | 60*** | 400 | 82*** | 03 | 5 |

## RADIOSONDE AND RAWINSONDE DATA.
### SIGNIFICANT LEVELS

| Index No. iii | 1st. 5th. etc. Level PPP | TTTTT ddx | 2nd. 6th. etc. Level PPP | TTTTT ddx | 3rd. 7th. etc. Level PPP | TTTTT ddx | 4th. 8th. etc. Level PPP | TTTTT ddx | Hour GG | Code Type |
|---|---|---|---|---|---|---|---|---|---|---|
| 053 | 554 | 54569 | 524 | 59662 | 400 | 72815 | 296 | 90982 | 03 | 9 |
| 054 | 212 | 92991 | | | | | | | 03 | 9 |
| 062 | 193 | | | | | | | | 02 | 2 |
| 063 | 430 | 80934 | 400 | 84993 | 357 | 90990 | 255 | 00990 | 03 | 9 |
| 144 | 262 | 97994 | 232 | 98996 | | | | | 03 | 9 |
| 223 | 761 | 11 | 663 | 05 | 601 | 00000 | 529 | 50*** | 03 | 1 |
| 235 | 631 | 01 | 535 | 52 | 400 | 62*** | 339 | 67*** | 03 | 1 |
| 237 | | | | | | | | | | |
| 246 | 789 | 12107 | 628 | 00004 | 524 | 57571 | 400 | 69711 | 03 | 9 |
| 360 | 272 | 04 | 238 | 03 | | | | | 03 | 5 |

**Additional Significant Level Data Will Be Found In Next Section.**

## RADIOSONDE AND RAWINSONDE DATA. SIGNIFICANT LEVELS

## ADDITIONAL SIGNIFICANT LEVEL DATA

RADIOSONDE AND RAWINSONDE DATA. SIGNIFICANT LEVELS
RADIOSONDE AND RAWINSONDE DATA. SIGNIFICANT LEVELS

### JULY 1 1949

| Index No. iii | 1st. 5th. etc. Level PPP | TTTTTddx | 2nd. 6th. etc. Level PPP | TTTTTddx | 3rd. 7th. etc. Level PPP | TTTTTddx | 4th. 8th. etc. Level PPP | TTTTTddx | Hour GG | Code Type |
|---|---|---|---|---|---|---|---|---|---|---|
| 01 | | | | | | | | | | |
| 001 | 400 | 74813 | 265 | 97999 | 242 | 01993 | 213 | 02992 | 03 | 8 |
| 030 | 210 | 08 0 | 160 | 00 7 | 130 | 00**7 | | | 03 | 5 |
| 384 | 150 | 01 | | | | | | | 03 | 8 |
| 415 | 233 | 03058 | 210 | 00993 | 205 | 01997 | 168 | 02996 | 03 | 8 |
| | 150 | 00990 | 122 | 00990 | | | | | 03 | 8 |
| 02 | | | | | | | | | | |
| 057 | 504 | 64474 | 441 | 73837 | | | | | 03 | 8 |
| 084 | 214 | 06990 | 195 | 03990 | | | | | 03 | 8 |
| 03 | | | | | | | | | | |
| 171 | 120 | 42 0 | 093 | 36 0 | 075 | 41**0 | | | 02 | 7 |
| 953 | 165 | 27 0 | 117 | 32 0 | 065 | 39**0 | 055 | 45**0 | 03 | 2 |
| 04 | | | | | | | | | | |
| 202 | | | 353 | 91993 | 127 | 91999 | 101 | 68*** | 03 | 1 |
| | 058 | 49 | | | | | | | 03 | 1 |
| 06 | | | | | | | | | | |
| 260 | 467 | 69947 | 264 | 02 | 247 | 02*** | 225 | 05*** | 03 | 8 |
| | 218 | 03 | 154 | 07 | 140 | 08*** | | | 03 | 8 |
| 447 | 255 | 00 2 | 230 | 00 2 | 168 | 02**3 | 131 | 03**5 | 03 | 8 |
| | 062 | 95 0 | 053 | 94 0 | | | | | 03 | 8 |
| 610 | 339 | 81872 | 246 | 96 4 | 165 | 05**4 | 157 | 02**1 | 05 | 5 |
| | 146 | 03 2 | | | | | | | 05 | 5 |
| 07 | | | | | | | | | | |
| 110 | 594 | 54682 | 506 | 61753 | 476 | 62765 | 450 | 65783 | 02 | 5 |
| 145 | 585 | 51658 | 566 | 54591 | 521 | 56711 | 225 | 79964 | 02 | 8 |
| | 288 | 88022 | 278 | 89023 | 205 | 01**0 | | | 02 | 8 |
| 190 | 348 | 83929 | 995 | 94 1 | 137 | 08**4 | 162 | 08*** | 03 | 8 |
| | 126 | 07 1 | 079 | 05 4 | | | | | 03 | 8 |
| 480 | 300 | 90 4 | 242 | 02 1 | 200 | 08**4 | 145 | 16**1 | 02 | 8 |
| | 117 | 09 4 | 101 | 12 0 | | | | | 02 | 8 |
| 510 | 490 | 61661 | 430 | 67711 | 376 | 76801 | 270 | 91**0 | 02 | 5 |
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| 211 | 110 | 20996 | | | | | | | 03 | 1 |
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| 662 | 178 | 07998 | 110 | 13992 | | | | | 03 | 1 |
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| 747 | 655 | 03551 | 614 | 50585 | 568 | 53721 | 400 | 72992 | 03 | 1 |
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| | 155 | 99999 | 133 | 04999 | | 02999 | 085 | 07999 | 03 | 1 |
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| | 331 | 83990 | 303 | 87991 | 272 | 93997 | 208 | 04991 | 03 | 1 |
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| | 039 | 08995 | | | | | | | 03 | 1 |
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| 035 | 548 | 54744 | 953 | 67782 | 430 | 69851 | 400 | 73990 | 03 | 9 |
| | 388 | 75892 | 336 | 82884 | 296 | 89944 | 187 | 15998 | 03 | 9 |
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| | 320 | 90990 | 256 | 02993 | 218 | 05997 | 097 | 06996 | 03 | 9 |
| | 052 | 02990 | | | | | | | 03 | 9 |
| 053 | 248 | 98991 | 144 | 00993 | | | | | 03 | 9 |
| 127 | 392 | 65998 | | | | | | | 03 | 9 |
| 144 | 614 | 53699 | 485 | 65793 | 400 | 74807 | 355 | 80896 | 03 | 9 |
| | 173 | 16992 | 020 | 89992 | | | | | 03 | 9 |
| 223 | 076 | 07 | | | | | | | 02 | 9 |
| 235 | 160 | 96 | 120 | 97 | | | | | 02 | 9 |
| 246 | 400 | 80874 | | | | | | | 03 | 9 |
| 360 | 130 | 98 | 100 | 00 | | | | | 03 | 5 |

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| | 191 | 00993 | 171 | 98991 | | | | | 03 | 8 |
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| | 195 | 11998 | 172 | 06994 | | | | | 03 | 8 |
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| | 254 | 94 | 119 | 01 | | | | | 03 | 8 |
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| | 224 | 02 7 | 208 | 05 4 | 160 | 00**7 | | | 05 | 5 |
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| | 538 | 58746 | 512 | 62782 | | | | | 02 | 5 |
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| | 080 | 00993 | | | | | | | 05 | 5 |
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| | 106 | 32 0 | 113 | 18 0 | 073 | 94**0 | | 98**0 | 15 | 2 |
| | 055 | 25 0 | | | | | | | 15 | 2 |
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| | 177 | 06111 | | | | | | | 02 | 8 |
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| 204 | 400 | 77902 | | | | | | | 03 | 1 |
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| | 400 | 77864 | 322 | 90983 | 220 | 09990 | 094 | 96990 | 03 | 1 |
| 361 | 258 | 01998 | | | | | | | 03 | 1 |
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| 208 | 270 | 88981 | 163 | 09995 | | | | | 04 | 1 |
| 219 | 459 | 61722 | 414 | 67822 | 400 | 67995 | 106 | 25990 | 03 | 1 |
| | 076 | 17996 | | | | | | | 03 | 1 |
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| 365 | 130 | 20990 | | | | | | | 03 | 1 |
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| | 276 | 90990 | 126 | 17991 | | | | | 03 | 1 |
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| | 141 | 14992 | | | | | | | 03 | 1 |
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| 182 | 400 | 70788 | 284 | 90003 | 137 | 20992 | 124 | 17990 | 03 | 1 |
| | 030 | 98998 | | | | | | | 03 | 1 |
| 215 | 100 | 27996 | 015 | 89994 | 101 | 58*** | | | 03 | 1 |
| 245 | 400 | 66827 | 254 | 90983 | 128 | 24993 | 102 | 50311 | 03 | 1 |
| 366 | 598 | 03556 | 585 | 03554 | 545 | 01555 | 520 | 51634 | 03 | 1 |
| | 400 | 63991 | 221 | 92997 | 101 | 59*** | | | 03 | 1 |
| 98 | | | | | | | | | | |
| 327 | 195 | 00998 | 137 | 13998 | 101 | 55*** | | | 03 | 1 |
| 645 | 353 | 71764 | 270 | 86960 | 110 | 29990 | 070 | 10995 | 03 | 8 |
| | 064 | 13992 | 056 | 05993 | | | | | 03 | 8 |
| 9LL | | OCEAN | STA | | | | | | | |
| 034 | 212 | 08992 | 092 | 16996 | 080 | 15993 | | | 03 | 9 |
| 035 | 400 | 73787 | 296 | 89934 | 218 | 07990 | 195 | 09996 | 03 | 9 |
| 037 | 465 | 62759 | 400 | 70768 | 286 | 90000 | 216 | 02994 | 03 | 9 |
| | 150 | 12995 | | | | | | | 03 | 9 |
| 044 | 400 | 82892 | 353 | 98001 | 148 | 02995 | 133 | 02992 | 03 | 9 |
| 051 | 204 | 34 0 | 187 | 35 0 | 164 | 44**0 | 085 | 35*** | 02 | 1 |
| 053 | 270 | 97990 | 096 | 98999 | | | | | 03 | 9 |
| 134 | 101 | 68 | 057 | 40 | 040 | 29*** | | | 03 | 9 |
| 144 | 152 | 06998 | 030 | 98990 | | | | | 03 | 9 |
| 223 | 264 | 78 | 232 | 76 | 133 | 15*** | 055 | 19*** | 14 | 9 |
| 246 | 480 | 63678 | 400 | 72766 | 360 | 76854 | 220 | 04095 | 03 | 9 |
| 360 | 108 | 95 | | | | | | | 03 | 5 |

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| Index No. iii | 1st. 5th. etc. Level PPP | TTTTTddx | 2nd. 6th. etc. Level PPP | TTTTTddx | 3rd. 7th. etc. Level PPP | TTTTTddx | 4th. 8th. etc. Level PPP | TTTTTddx | Hour GG | Code Type |
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| 001 | 345 | 90929 | 273 | 02998 | 262 | 02999 | 223 | 94996 | 03 | 8 |
| | 156 | 94992 | | | | | | | 03 | 8 |
| 030 | 205 | 97 8 | 176 | 95 5 | 068 | 91**2 | | | 03 | 8 |
| 384 | 580 | 58638 | 400 | 78849 | 289 | 96*** | | | 03 | 5 |
| 415 | 670 | 53616 | 650 | 53634 | 517 | 63751 | 400 | 77894 | 03 | 8 |
| | 212 | 07993 | 178 | 02991 | 139 | 02991 | | | 03 | 8 |
| 02 | | | | | | | | | | |
| 057 | 214 | 07993 | | | | | | | 03 | 8 |
| 077 | 400 | 79905 | 381 | 82934 | 298 | 95994 | 258 | 02992 | 03 | 8 |
| 084 | 587 | 58682 | 498 | | 462 | 71793 | 415 | 76864 | 03 | 8 |
| | 328 | 89984 | 237 | 92598 | 220 | 01997 | 208 | 03990 | 03 | 8 |
| | 187 | 00902 | | | | | | | | |
| 03 | | | | | | | | | | |
| 953 | 090 | 30 0 | | | | | | | 03 | 2 |
| 04 | | | | | | | | | | |
| 018 | 239 | 39997 | 072 | 93998 | | | | | 03 | 1 |
| 231 | 545 | 63698 | 516 | 62666 | 403 | 75991 | | | 04 | 1 |
| 270 | 101 | 58 | | | | | | | 04 | 1 |
| 06 | | | | | | | | | | |
| 260 | 486 | 68713 | 418 | 74809 | 375 | 81*** | 341 | 87*** | 03 | 8 |
| | 276 | 98 | | | | | | | 03 | 8 |
| 447 | 217 | 05 6 | 161 | 02 8 | 136 | 05**5 | 065 | 01**1 | 03 | 8 |
| 07 | | | | | | | | | | |
| 110 | 594 | 51619 | 566 | 53683 | 523 | 60682 | 463 | 68751 | 02 | 5 |
| | 395 | 76835 | 361 | 83891 | 267 | 00000 | | | 02 | 5 |
| 145 | 717 | 06648 | 692 | 05052 | 640 | 01689 | 582 | 58768 | 02 | 8 |
| | 212 | 61808 | 478 | 04825 | 456 | 67858 | | | 02 | 8 |
| 190 | 314 | 87973 | 252 | 99 7 | 159 | 07**4 | 130 | 05*** | 02 | 8 |
| | 059 | 05 4 | 192 | 08 1 | | | | | 02 | 8 |
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| 645 | 604 | 51712 | 582 | 52724 | 510 | 09789 | 498 | 60791 | 02 | 5 |
| | 392 | 73905 | 342 | 81969 | | | | | 02 | 5 |
| 08 | | | | | | | | | | |
| 509 | 280 | 88992 | 101 | 55 | | | | | 03 | 1 |
| 521 | 400 | 66824 | 186 | 08998 | 168 | 09997 | 150 | 15998 | 14 | 8 |
| | 125 | 20990 | 081 | 18999 | 041 | 03997 | | | 14 | 8 |
| 536 | 477 | 65708 | 432 | 69829 | 400 | 73793 | 350 | 80989 | 14 | 8 |
| | 230 | 03998 | 134 | 10995 | | | | | 14 | 8 |
| 10 | | | | | | | | | | |
| 034 | 137 | 35 0 | 119 | 40 0 | 046 | 49**0 | | | 02 | 2 |
| 384 | 320 | 89979 | 230 | 06995 | 225 | 05995 | | | 03 | 5 |
| 419 | 210 | 32 0 | 183 | 32 0 | 121 | 37**0 | | | 02 | 2 |
| 866 | 334 | 93993 | 272 | 94992 | 250 | 98992 | 225 | 97993 | 03 | 5 |
| | 175 | 01990 | 155 | 00990 | 120 | 05995 | | | 03 | 5 |
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| 030 | 318 | 90 0 | 213 | 97 7 | 238 | 95**7 | 165 | 97**4 | 03 | 5 |
| | 126 | 98 4 | | | | | | | 03 | 5 |
| 17 | | | | | | | | | | |
| 606 | 210 | 61410 | | | | | | | 14 | 2 |
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| 648 | 129 | 12 0 | 095 | 97 0 | 092 | 98**0 | | | 02 | 2 |
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| 412 | 400 | 75852 | 380 | 75877 | 277 | 89997 | 212 | 00997 | 03 | 1 |
| | 139 | 01994 | 099 | 01998 | 101 | 58*** | | | 03 | 1 |
| 580 | 186 | 00990 | 140 | 95993 | 085 | 96997 | 040 | 99990 | 03 | 1 |
| 590 | 151 | 99 | 116 | 06990 | 101 | 55*** | | | 03 | 1 |
| 600 | 131 | 00990 | 076 | 99993 | 061 | 99995 | 057 | 02992 | 03 | 1 |
| | 044 | 00996 | 101 | 58 | | | | | 03 | 1 |
| 646 | 181 | 98994 | 163 | 00990 | 046 | 96993 | | | 03 | 1 |
| 671 | 251 | 84995 | 161 | 04996 | 141 | 02998 | 112 | 06994 | 03 | 1 |
| | 087 | 06992 | 007 | 74990 | 101 | 58*** | | | 03 | 1 |
| 744 | 164 | 08997 | 140 | 09999 | 133 | 11000 | 117 | 11000 | 03 | 1 |
| | 051 | 09999 | | | | | | | 03 | 1 |
| 778 | 351 | 70797 | 269 | 82997 | 252 | 80994 | 151 | 08993 | 03 | 1 |
| | 137 | 10994 | 107 | 09991 | | | | | 03 | 1 |
| 808 | 330 | 72858 | 252 | 87998 | 164 | 07993 | 111 | 07990 | 03 | 1 |
| | 050 | 91998 | 033 | 78994 | 010 | 66992 | | | 03 | 1 |
| 827 | 229 | 94992 | 180 | 09995 | 143 | 15996 | 093 | 16990 | 03 | 1 |
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| | 434 | 69804 | 400 | 73831 | 356 | 80983 | 315 | 85950 | 02 | 8 |
| | 300 | 88988 | 256 | 95 7 | 224 | 01**0 | 145 | 08**7 | 02 | 8 |
| | 128 | 08 7 | | | | | | | 02 | 8 |
| 390 | 470 | 64782 | 415 | 72867 | 340 | 83964 | 271 | 95110 | 02 | 5 |
| 715 | 476 | 61832 | 299 | 88 0 | 224 | 09999 | | | 02 | 8 |
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| 642 | 599 | 51665 | 570 | 53698 | 510 | 56991 | 446 | 62994 | 07 | 5 |
| | 414 | 66991 | 389 | 67764 | 358 | 72819 | | | 07 | 5 |
| 62 | | | | | | | | | | |
| 053 | 370 | 88470 | | | | | | | 02 | 2 |
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| 200 | 646 | 54683 | 592 | 58995 | 540 | 63764 | 400 | 81879 | 03 | 1 |
| 204 | 605 | 56741 | 400 | 79995 | | | | | 03 | 1 |
| 219 | 776 | 06615 | 764 | 05664 | 676 | 50638 | 616 | 56681 | 03 | 1 |
| | 585 | 59761 | 569 | 58993 | 410 | 77901 | 400 | 79894 | 03 | 1 |
| 381 | 400 | 87892 | 270 | 96993 | 055 | 90998 | | | 03 | 1 |
| 398 | 428 | 80913 | 400 | 84893 | 101 | 68*** | 002 | 94*** | 03 | 1 |
| 72 | | | | | | | | | | |
| 202 | 112 | 21992 | | | | | | | 03 | 1 |
| 208 | 127 | 21992 | 106 | 22998 | 092 | 18998 | | | 03 | 1 |
| 211 | 534 | 53582 | 473 | 58667 | 435 | 61767 | 400 | 65998 | 03 | 1 |
| | 264 | 88994 | 146 | 18995 | 118 | 21997 | 105 | 20996 | 03 | 1 |
| 219 | 139 | 18992 | | | | | | | 03 | 1 |
| 231 | 094 | 24995 | 066 | 14991 | | | | | 03 | 1 |
| 253 | 106 | 22994 | | | | | | | 03 | 1 |
| 265 | 485 | 56748 | 475 | 57661 | 400 | 65782 | 369 | 69799 | 03 | 1 |
| | 318 | 78901 | 302 | 81889 | 250 | 90003 | 163 | 13991 | 03 | 1 |
| | 095 | 22996 | 090 | 22994 | | | | | 03 | 1 |
| 278 | 152 | 19997 | | | | | | | 03 | 1 |
| 304 | 264 | 90990 | 134 | 22995 | 103 | 20995 | 101 | 68*** | 03 | 1 |
| | 040 | 26 | | | | | | | 03 | 1 |
| 340 | 400 | 65995 | 362 | 71856 | 338 | 76871 | 254 | 90932 | 03 | 1 |
| | 103 | 20998 | | | | | | | 03 | 1 |
| 353 | 400 | 67713 | 370 | 71751 | 340 | 75907 | 264 | 89997 | 03 | 1 |
| | 095 | 23991 | 070 | 15991 | | | | | 03 | 1 |
| 365 | 094 | 20990 | | | | | | | 03 | 1 |
| 386 | 135 | 20994 | 125 | 18994 | | | | | 03 | 1 |
| 394 | 526 | 57743 | 400 | 71853 | 118 | 18994 | 065 | 08993 | 03 | 1 |
| 445 | 570 | 02555 | 530 | 51590 | 468 | 57681 | 441 | 59764 | 03 | 1 |
| | 400 | 65799 | 350 | 73863 | 283 | 84953 | 258 | 90002 | 03 | 1 |
| | 162 | 13994 | 123 | 20995 | 105 | 19996 | | | 03 | 1 |
| 451 | 400 | 65999 | 325 | 78925 | 265 | 90963 | 164 | 12999 | 03 | 1 |
| | 140 | 16995 | | | | | | | 03 | 1 |
| 476 | 148 | 16995 | | | | | | | 03 | 1 |
| 493 | 400 | 72999 | 155 | 09996 | 146 | 08995 | 124 | 13995 | 03 | 1 |
| | 080 | 11995 | | | | | | | 03 | 1 |
| 506 | 593 | 50638 | 552 | 54614 | 542 | 55637 | 535 | 55677 | 03 | 1 |
| | 465 | 61766 | 400 | 70990 | 270 | 89996 | 166 | 10993 | 03 | 1 |
| 518 | 536 | 55784 | 400 | 71995 | 263 | 90990 | 146 | 15999 | 03 | 1 |
| | 113 | 18995 | 093 | 14998 | | | | | 03 | 1 |
| 520 | 400 | 65995 | 364 | 70868 | 298 | 82952 | 262 | 89990 | 03 | 1 |
| | 153 | 16995 | 127 | 19998 | 052 | 10993 | | | 03 | 1 |
| 528 | 255 | 89994 | 206 | 01992 | | | | | 03 | 1 |
| 534 | 435 | 63791 | 400 | 69825 | 365 | 74876 | 277 | 87995 | 03 | 1 |
| | 220 | 00992 | | | | | | | 03 | 1 |
| 536 | 400 | 65993 | 264 | 90990 | 141 | 20994 | | | 03 | 1 |
| 553 | 145 | 17995 | 114 | 19994 | | | | | 03 | 1 |
| 562 | 257 | 92997 | | | | | | | 03 | 1 |
| 597 | 202 | 05995 | 155 | 05992 | | | | | 03 | 1 |
| 600 | 434 | 69812 | 400 | 72809 | 125 | 11991 | 101 | 58*** | 03 | 1 |
| 606 | 124 | 14996 | 112 | 18993 | 086 | 11994 | | | 03 | 1 |
| 655 | 538 | 52682 | 412 | 66793 | 400 | 67808 | 353 | 74853 | 03 | 1 |
| | 273 | 89993 | 123 | 19998 | 057 | 07992 | | | 03 | 1 |
| 662 | 352 | 74786 | 266 | 89959 | 128 | 17990 | 116 | 15998 | 03 | 1 |
| 681 | 150 | 09993 | | | | | | | 03 | 1 |
| 712 | 333 | 85957 | 298 | 89997 | 246 | 00990 | 176 | 03998 | 03 | 1 |
| 734 | 660 | 04001 | 634 | 01597 | 622 | 03661 | 568 | 50997 | 03 | 1 |
| | 466 | 62772 | 400 | 70816 | 314 | 82935 | 264 | 89994 | 03 | 1 |
| 764 | 128 | 15990 | | | | | | | 03 | 1 |
| 768 | 221 | 04991 | | | | | | | 03 | 1 |
| 775 | 158 | 11991 | 052 | 03996 | | | | | 03 | 1 |
| 798 | 400 | 76997 | 308 | 90990 | 204 | 04996 | 086 | 00995 | 03 | 1 |
| 807 | 274 | 94995 | 236 | 02990 | | | | | 02 | 1 |
| 815 | 101 | 58 | | | | | | | 03 | 1 |
| 816 | 326 | 90990 | 286 | 99992 | 190 | 95990 | 132 | 01993 | 03 | 1 |
| | 085 | 01990 | 101 | 58 | | | | | 03 | 1 |
| 826 | 400 | 79994 | 251 | 01994 | 101 | 55*** | | | 03 | 1 |
| 836 | 163 | 01994 | 125 | 07990 | 080 | 05994 | 101 | 58*** | 03 | 1 |
| 867 | 187 | 97994 | 152 | 98999 | 143 | 97998 | 118 | 00993 | 03 | 1 |
| | 110 | 00990 | 093 | 01999 | 081 | 01999 | | | 03 | 1 |
| 896 | 070 | 96999 | 101 | 47 | | | | | 03 | 1 |
| 907 | 429 | 77897 | 400 | 81997 | 334 | | 276 | 96997 | 03 | 1 |
| | 262 | 95997 | | | | | 127 | 97991 | 03 | 1 |
| | 058 | 98991 | | | | | | | 03 | 1 |
| 909 | 475 | 70997 | 400 | 77854 | 296 | 90940 | 266 | 93990 | 09 | 1 |
| | 224 | 87995 | 085 | 87997 | 101 | 58*** | | | 09 | 1 |
| 913 | 275 | 93990 | 230 | 93996 | 142 | 94995 | 125 | 92999 | 03 | 1 |
| | 093 | 98999 | 080 | 96994 | | | | | 03 | 1 |
| 915 | 362 | 86917 | 320 | 93993 | 265 | 89994 | 125 | 97990 | 03 | 1 |
| | 090 | 96996 | | | | | | | 03 | 1 |
| 917 | 165 | 91996 | | | | | | | 03 | 1 |
| 926 | 183 | 92996 | 054 | 99991 | | | | | 03 | 1 |
| 934 | 101 | 58 | | | | | | | 03 | 1 |
| 945 | 206 | 02996 | 170 | 93992 | 056 | 90997 | 023 | 86998 | 03 | 1 |
| 964 | 143 | 96995 | 101 | 58 | | | | | 03 | 1 |
| 74 | | | | | | | | | | |
| 072 | 234 | 93998 | | | | | | | 03 | 1 |
| 074 | 400 | 85885 | 368 | 90932 | 285 | 02997 | 186 | 92996 | 03 | 1 |
| | 095 | 90992 | | | | | | | 03 | 1 |
| 090 | 330 | 06991 | 134 | 94992 | 052 | 94994 | | | 03 | 1 |
| 109 | 286 | 95999 | 086 | 93991 | 101 | 47*** | | | 03 | 1 |
| 76 | | | | | | | | | | |
| 491 | 400 | 65997 | 273 | 86996 | 135 | 22996 | 098 | 25996 | 02 | 1 |
| 679 | 137 | 78995 | 260 | 90990 | | | | | 03 | 1 |
| 78 | | | | | | | | | | |
| 501 | 472 | 60763 | 400 | 68990 | 125 | 26997 | 107 | 19999 | 03 | 1 |
| 862 | 527 | 51998 | 101 | 58 | | | | | 03 | 1 |
| 972 | 400 | 67991 | 273 | 90991 | 125 | 23991 | | | 03 | 1 |
| 91 | | | | | | | | | | |
| 066 | 400 | 68789 | | | | | | | 03 | 1 |
| 182 | 504 | 56743 | 440 | 64814 | 400 | 70791 | 280 | 90983 | 03 | 1 |
| | 159 | 17993 | 142 | 17995 | 062 | 09998 | | | 03 | 1 |
| 275 | 756 | 16517 | 657 | 07996 | 638 | 08995 | 400 | 66995 | 03 | 1 |
| 366 | 275 | 80995 | 101 | 55 | | | | | 03 | 1 |
| 98 | | | | | | | | | | |
| 645 | 104 | 18991 | 088 | 18994 | 055 | 06995 | | | 03 | 8 |
| 9LL | | OCEAN | STA | | | | | | | |
| 034 | 055 | 08993 | | | | | | | 03 | 9 |
| 035 | 238 | 05992 | 191 | 12995 | 180 | 09993 | | | 03 | 9 |
| 044 | 638 | 51606 | 562 | 59741 | 421 | 72864 | 400 | 73999 | 03 | 9 |
| | 304 | 89993 | 199 | 11993 | 169 | 04998 | 120 | 08997 | 03 | 9 |
| 053 | 338 | 89943 | 229 | 00994 | 142 | 00990 | | | 03 | 9 |
| 144 | 024 | 92996 | | | | | | | 03 | 9 |
| 223 | 133 | 98 | 051 | 08 | | | | | 02 | 9 |
| 246 | 342 | 46998 | 278 | 93998 | 220 | 06999 | 160 | 96996 | 03 | 9 |
| 360 | 650 | 56601 | 400 | 79867 | 220 | 04*** | 180 | 96*** | 03 | 5 |
| | 145 | 98 | 100 | 95 | 065 | 93*** | | | 03 | 5 |

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| Index No. iii | 1st. 5th. etc. Level PPP | TTTTTddx | 2nd. 6th. etc. Level PPP | TTTTTddx | 3rd. 7th. etc. Level PPP | TTTTTddx | 4th. 8th. etc. Level PPP | TTTTTddx | Hour GG | Code Type |
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| 001 | 590 | 63715 | 400 | 85941 | 377 | 88977 | | | 03 | 8 |
| 030 | 159 | 04 9 | | | | | | | 03 | 8 |
| 384 | 400 | 79852 | 233 | 10 | 219 | 10*** | 188 | 08*** | 03 | 5 |
| | 174 | 04 | 130 | 03 | | | | | 03 | 5 |
| 415 | 400 | 77883 | 270 | 00999 | | | | | 03 | 8 |
| 02 | | | | | | | | | | |
| 057 | 460 | 71797 | 396 | 79874 | 355 | 86933 | 310 | 03017 | 03 | 8 |
| | 265 | 01994 | | | | | | | 03 | 8 |
| 077 | 472 | 69769 | 414 | 78867 | 350 | 88951 | 338 | 89961 | 04 | 8 |
| | 299 | 96999 | 259 | 01991 | 235 | 01993 | 214 | 98996 | 04 | 8 |
| | 181 | 97990 | 144 | 95999 | 102 | 96991 | | | 04 | 8 |
| 084 | 490 | 65726 | 283 | 95997 | 216 | 06992 | 208 | 03994 | 03 | 8 |
| | 327 | 86938 | 283 | 95997 | 249 | 00990 | 230 | 05991 | 03 | 8 |
| | 216 | 06992 | 202 | 03994 | 170 | 00992 | | | 03 | 8 |
| 03 | | | | | | | | | | |
| 005 | 176 | 43 0 | 158 | 47 0 | | | | | 02 | 2 |
| 026 | 192 | 52 0 | 138 | 44 9 | | | | | 02 | 2 |
| 171 | 147 | 50 0 | 067 | 44 0 | | | | | 02 | 7 |
| 953 | 123 | 39 0 | 069 | 36 0 | 052 | 44**0 | | | 03 | 2 |
| 04 | | | | | | | | | | |
| 270 | 575 | 60696 | 540 | 62754 | 512 | 65682 | 472 | 68701 | 03 | 1 |
| | 400 | 76791 | 315 | 90942 | 216 | 09990 | 162 | 00997 | 03 | 1 |
| | 116 | 00990 | 101 | 47 | | | | | 03 | 1 |
| 06 | | | | | | | | | | |
| 260 | 395 | 76 | 365 | 77 | 222 | 05*** | 175 | 03*** | 03 | 8 |
| | 115 | 05 | | | | | | | 03 | 8 |
| 447 | 208 | 01 6 | 185 | 04 0 | 135 | 01**0 | 104 | 01**6 | 03 | 8 |
| | 095 | 05 0 | 066 | 05 0 | 060 | 03**0 | 025 | 93**5 | 03 | 8 |
| 610 | 588 | 60708 | 430 | 72817 | 361 | 80877 | 234 | 01**4 | 05 | 5 |
| | 205 | 01 4 | 195 | 00 0 | 156 | 00**7 | | | 05 | 5 |
| 07 | | | | | | | | | | |
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| | 432 | 67816 | 393 | 72855 | | | | | 02 | 5 |
| 145 | 415 | 73989 | 355 | 79980 | 314 | 89012 | 238 | 00**7 | 02 | 8 |
| | 217 | 04 4 | 182 | 02 1 | 102 | 09**7 | | | 02 | 8 |
| 190 | 465 | 67793 | 479 | 71813 | 386 | 78878 | 306 | 91*** | 02 | 8 |
| | 235 | 00 4 | 117 | 06 4 | 059 | 05**4 | | | 02 | 8 |
| 480 | 584 | 53673 | 542 | 56702 | 436 | 70854 | 368 | 78962 | 02 | 8 |
| | 252 | 00 1 | | | | | | | 02 | 8 |
| 510 | 500 | 63752 | 448 | 68803 | 414 | 73863 | 344 | 84978 | 02 | 5 |
| | 300 | 71025 | 266 | 95 7 | | | | | 02 | 5 |
| 645 | 735 | 09015 | 720 | 09014 | 654 | 04524 | 625 | 50553 | 02 | 5 |
| | 558 | 55627 | 512 | 59660 | | | | | 02 | 5 |
| 08 | | | | | | | | | | |
| 509 | 573 | 62715 | 400 | 77813 | 338 | 88882 | 295 | 90902 | 03 | 1 |
| 521 | 106 | 20995 | 080 | 18995 | 057 | 06996 | | | 14 | 8 |
| 536 | 187 | 00990 | | | | | | | 14 | 8 |
| 10 | | | | | | | | | | |
| 034 | 441 | 93700 | 212 | 24 0 | 185 | 35**0 | 165 | 39**0 | 02 | 2 |
| | 160 | 36 0 | 055 | 44 0 | | | | | 02 | 2 |
| 384 | 315 | 88998 | 225 | 02999 | 213 | 03998 | 096 | 00990 | 03 | 5 |
| | 050 | 96993 | | | | | | | 03 | 5 |
| 419 | 410 | 94810 | 259 | 42 0 | 226 | | | | 02 | 2 |
| 633 | 542 | 59997 | 442 | 70804 | 420 | 73804 | 400 | 76851 | 03 | 5 |
| | 305 | 90990 | 280 | 05993 | 173 | 01996 | 055 | 00998 | 03 | 5 |
| | 037 | 87994 | | | | | | | 03 | 5 |
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| 030 | 476 | 72741 | 400 | 80887 | 332 | 90963 | 242 | 02**8 | 03 | 5 |
| | 195 | 01 0 | | | | | | | 03 | 5 |
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| | 431 | 73815 | 407 | 77858 | 400 | 75851 | | | 02 | 8 |
| 606 | 430 | 10700 | 414 | 10700 | 310 | 88490 | 067 | 99**0 | 02 | 7 |
| | 063 | 06 0 | 055 | 13 0 | 045 | 18**0 | | | 02 | 7 |
| 40 | | | | | | | | | | |
| 648 | 624 | 48030 | 556 | 36890 | 535 | 38900 | 297 | 85**0 | 02 | 2 |
| 42 | | | | | | | | | | |
| 182 | 085 | 29 | | | | | | | 15 | 8 |
| 475 | 230 | 93 | | | | | | | 15 | 8 |
| 47 | | | | | | | | | | |
| 580 | 280 | 89990 | 101 | 59 | | | | | 03 | 1 |
| 600 | 215 | 98996 | 161 | 06992 | | | | | 03 | 1 |
| 646 | 215 | 91992 | 191 | 97998 | 163 | 98999 | 140 | 97998 | 03 | 1 |
| | 131 | 99994 | 072 | 99998 | 045 | 94993 | | | 03 | 1 |
| 671 | 475 | 61990 | 400 | 70998 | 342 | 79997 | 260 | 87998 | 03 | 1 |
| | 067 | 99998 | 012 | 68990 | 101 | 58*** | | | 03 | 1 |
| 778 | 151 | 08996 | 136 | 10997 | 112 | 11992 | 101 | 58*** | 05 | 1 |
| 808 | 326 | 72802 | 295 | 75832 | 255 | 84990 | 160 | 06996 | 03 | 1 |
| | 096 | 10992 | 020 | 78994 | | | | | 03 | 1 |
| 827 | 101 | 58 | | | | | | | 03 | 1 |
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| 155 | 653 | 06603 | 554 | 58682 | 468 | 68755 | 436 | 70702 | 02 | 8 |
| | 391 | 78840 | 311 | 88933 | 268 | 97**7 | 237 | 03**4 | 02 | 8 |
| 390 | 660 | 05632 | 636 | 03646 | 625 | 03646 | 576 | 51705 | 02 | 5 |
| | 568 | 53731 | 553 | 53739 | 519 | 56778 | | | 02 | 5 |
| | 453 | 63825 | 413 | 68866 | 357 | 77949 | 269 | 92**1 | 02 | 5 |
| 570 | 464 | 71954 | 426 | 76988 | 379 | 88061 | 352 | 90111 | 02 | 5 |
| | 276 | 08110 | 206 | 16117 | | | | | 02 | 5 |
| | 353 | 90 1 | 286 | 08 0 | 206 | 16**7 | | | 02 | 5 |
| 61 | | | | | | | | | | |
| 642 | 455 | 59659 | 340 | 73785 | 293 | 81994 | 162 | 10**4 | 07 | 8 |
| | 119 | 19 7 | 101 | 20 7 | 093 | 25**7 | | | 07 | 8 |
| 70 | | | | | | | | | | |
| 026 | 622 | 59729 | 577 | 62735 | 562 | 63781 | 418 | 78835 | 04 | 1 |
| | 400 | 80874 | 339 | 89004 | 268 | 98991 | 090 | 92992 | 03 | 1 |
| 133 | 077 | 992 | | | | | | | 03 | 1 |
| 200 | 321 | 89943 | 117 | 10991 | 150 | | | | 03 | 1 |
| 204 | 400 | 75813 | 305 | | 193 | 10997 | 184 | 05992 | 03 | 1 |
| | 067 | | | | | | | | 03 | 1 |
| 219 | 247 | 03994 | 160 | 97996 | | | | | 03 | 1 |
| 231 | 252 | 04991 | 226 | 05994 | 110 | 00990 | | | 03 | 1 |
| 261 | 442 | 75782 | 400 | 81861 | 336 | 90983 | 240 | **992 | 03 | 1 |
| | 094 | 94999 | | | | | | | 03 | 1 |
| 273 | | | | | 346 | 90990 | 247 | 04991 | 03 | 1 |
| | 177 | 98990 | 095 | 97994 | 101 | 69*** | | | 03 | 1 |
| 361 | 400 | 81 9 | | | | | | | 03 | 1 |
| 381 | 020 | 88993 | | | | | | | 03 | 1 |
| 398 | 378 | 89931 | 301 | 01990 | 230 | 94990 | 097 | 96999 | 03 | 1 |
| 454 | 490 | 59624 | 485 | 58650 | 455 | 59769 | 400 | 56783 | 03 | 1 |
| 72 | | | | | | | | | | |
| 202 | 534 | 53636 | 400 | 67723 | 265 | 88989 | 137 | 20992 | 03 | 1 |
| 208 | 087 | 21999 | | | | | | | 03 | 1 |
| 211 | 268 | 88971 | 130 | 24996 | 122 | 24994 | | | 03 | 1 |
| 231 | 410 | 65798 | 268 | 88923 | 134 | 22998 | | | 03 | 1 |
| 240 | 138 | 19999 | 093 | 24996 | | | | | 03 | 1 |
| 250 | 257 | 88938 | 157 | 17990 | | | | | 03 | 1 |
| 253 | 154 | 15996 | 130 | 16996 | | | | | 03 | 1 |
| 259 | 264 | 86992 | 184 | 04995 | 101 | 58*** | | | 03 | 1 |
| 265 | 135 | 15998 | 086 | 24995 | 072 | 16999 | | | 03 | 1 |
| 270 | 130 | 18997 | | | | | | | 03 | 1 |
| 353 | 360 | 70808 | 261 | 87984 | 160 | 08997 | | | 03 | 1 |
| 386 | 129 | 16995 | 112 | 15999 | | | | | 03 | 1 |
| 394 | 400 | 71999 | 118 | 15993 | 089 | 15995 | | | 03 | 1 |
| 451 | 439 | 59767 | 400 | 65819 | 342 | 73882 | 143 | 14992 | 03 | 1 |
| | 096 | 21991 | 089 | 17999 | | | | | 03 | 1 |
| 518 | 463 | 62695 | 400 | 70761 | 360 | 74855 | 275 | 90971 | 03 | 1 |
| | 180 | 12992 | 164 | 12990 | 130 | 18990 | 097 | 16991 | 03 | 1 |
| 520 | 610 | 03991 | 555 | 50693 | 518 | 54716 | 436 | 61992 | 03 | 1 |
| | 400 | 67826 | 351 | 75841 | 285 | 85963 | 261 | 90990 | 03 | 1 |
| | 130 | 21992 | 117 | 21995 | 055 | 11999 | | | 03 | 1 |
| 528 | 662 | 04543 | 600 | 00624 | 547 | 54592 | 506 | 55692 | 03 | 1 |
| | 400 | 67838 | 376 | 70855 | 270 | 89998 | 158 | 17994 | 03 | 1 |
| | 119 | 20996 | 103 | 18990 | | | | | 03 | 1 |
| 534 | 070 | 13998 | | | | | | | 03 | 1 |
| 536 | 382 | 68847 | 275 | 89992 | 129 | 21996 | 125 | 19992 | 03 | 1 |
| 562 | 085 | 21993 | 055 | 12998 | | | | | 03 | 1 |
| 597 | 311 | 90001 | 265 | 98998 | | | | | 03 | 1 |
| 600 | 582 | 54689 | 566 | 56675 | 401 | 75857 | 314 | 05997 | 03 | 1 |
| | 178 | 03997 | | | | | | | 03 | 1 |
| 606 | 323 | 83890 | 281 | 90983 | 190 | 11993 | 149 | 12996 | 03 | 1 |
| | 138 | 15999 | 127 | 15999 | 124 | 12996 | 105 | 17993 | 03 | 1 |
| | 065 | 09997 | | | | | | | 03 | 1 |
| 655 | 400 | 66993 | 259 | 89997 | 147 | 17997 | 133 | 19996 | 03 | 1 |
| 662 | 372 | 70749 | 264 | 89947 | 126 | 17996 | 070 | 11993 | 04 | 1 |
| 712 | 518 | 60665 | 491 | 61775 | 428 | 69849 | 416 | 70990 | 03 | 1 |
| | 400 | 71998 | 340 | 80939 | 290 | 89969 | 216 | 02999 | 03 | 1 |
| | 161 | 10994 | 145 | 06997 | | | | | 03 | 1 |
| 734 | 457 | 62675 | 400 | 67704 | 262 | 90931 | 174 | 10996 | 03 | 1 |
| 747 | 125 | 16999 | | | | | | | 03 | 1 |
| 764 | 400 | 68844 | 265 | 90010 | 174 | 10997 | 107 | 16998 | 03 | 1 |
| | 088 | 09995 | | | | | | | 03 | 1 |
| 768 | 284 | 89942 | 215 | 04995 | | | | | 03 | 1 |
| 798 | 502 | 64799 | 400 | 78992 | 344 | 87996 | 230 | 05998 | 03 | 1 |
| | 119 | 01997 | | | | | | | 03 | 1 |
| 816 | 400 | 76998 | 316 | 90990 | 220 | 04994 | 182 | 98994 | 03 | 1 |
| | 158 | 00990 | 146 | 96997 | 075 | 02990 | 101 | 58*** | 03 | 1 |
| 836 | 572 | 58712 | 463 | 64767 | 400 | 72832 | 272 | 90983 | 03 | 1 |
| | 181 | 05992 | 150 | 02994 | 080 | 05998 | 101 | 58*** | 03 | 1 |
| 867 | 400 | 73841 | 268 | 90995 | | | | | 03 | 1 |
| 879 | 400 | 81997 | 229 | 00990 | 175 | 94999 | 141 | 97998 | 03 | 1 |
| | 101 | 58 | | | | | | | 03 | 1 |
| 896 | 101 | 47 | | | | | | | 03 | 1 |
| 906 | 441 | 74992 | 400 | 80861 | 334 | 90923 | 302 | 93992 | 03 | 1 |
| | | 90995 | 101 | 48 | | | | | 03 | 1 |

RADIOSONDE AND RAWINSONDE DATA
SIGNIFICANT LEVELS

## JULY 4

| Index No. iii | 1st, 5th, etc. Level PPP | TTTTT ddx | 2nd, 6th, etc. Level PPP | TTTTT ddx | 3rd, 7th, etc. Level PPP | TTTTT ddx | 4th, 8th, etc. Level PPP | TTTTT ddx | Hour GG | Code Type |
|---|---|---|---|---|---|---|---|---|---|---|
| 907 | 480 | 84895 | 370 | 89950 | 351 | 88987 | 342 | 90000 | 03 | 1 |
| | 308 | 94994 | 225 | 90991 | | | | | 03 | 1 |
| 913 | 264 | 98993 | 235 | 03990 | 210 | 97996 | 168 | 94990 | 03 | 1 |
| | 065 | 97993 | | | | | | | 03 | 1 |
| 917 | 240 | 94996 | | | | | | | 03 | 1 |
| 918 | 400 | 85949 | 260 | 07990 | 063 | 91994 | | | 03 | 1 |
| 924 | 129 | 92990 | | | | | | | 03 | 1 |
| 926 | 452 | 73853 | 400 | 80896 | 282 | 00994 | 235 | 00991 | 03 | 1 |
| | 141 | 91997 | 066 | 93997 | | | | | 03 | 1 |
| 934 | 101 | 58 | | | | | | | 03 | 1 |
| 945 | 082 | 91998 | | | | | | | 03 | 1 |
| 74 | | | | | | | | | | |
| 078 | 258 | 03990 | | | | | | | 03 | 1 |
| 090 | 051 | 93999 | 101 | 68 | 081 | 40*** | | | 03 | 1 |
| 109 | 303 | 90984 | 262 | 95996 | 101 | 55*** | | | 03 | 1 |
| 76 | | | | | | | | | | |
| 644 | 434 | 31761 | | 60003 | 400 | 67001 | 145 | 23895 | 03 | 1 |
| 679 | 155 | 18994 | 101 | 67 | 055 | 51*** | | | 03 | 1 |
| 78 | | | | | | | | | | |
| 801 | 461 | 61687 | 481 | 65803 | 400 | 66996 | 124 | 26995 | 03 | 1 |
| | 080 | 17992 | | | | | | | 03 | 1 |
| 862 | 310 | 67721 | | 81866 | 292 | 86994 | 164 | 14995 | 03 | 1 |
| 978 | 120 | 25998 | 104 | 22996 | 101 | 58*** | | | 04 | 1 |
| 91 | | | | | | | | | | |
| 066 | 567 | 51541 | 517 | 54674 | 488 | 56625 | 450 | 59655 | 03 | 1 |
| | 438 | 62684 | 400 | 66731 | | | | | 03 | 1 |
| 115 | 606 | 05997 | 101 | 40 | | | | | 03 | 1 |
| 182 | 283 | 89964 | 160 | 18999 | 125 | 09993 | 040 | 02996 | 03 | 1 |
| 215 | 181 | 08999 | 112 | 29990 | 089 | 28999 | 045 | 05996 | 03 | 1 |
| | 101 | 58 | | | | | | | 03 | 1 |
| 366 | 390 | 76991 | 101 | 58 | | | | | 03 | 1 |
| 98 | | | | | | | | | | |
| 645 | 389 | 68791 | 276 | 85918 | 144 | 24990 | 130 | 26990 | 03 | 8 |
| | 110 | 25990 | | | | | | | 03 | 8 |
| 9LL | | OCEAN | STA | | | | | | | |
| 034 | 220 | 08995 | 096 | 14992 | 060 | 11993 | 101 | 68*** | 03 | 9 |
| | 051 | 34 | | | | | | | 03 | 9 |
| 035 | 127 | 14994 | 057 | 10991 | | | | | 03 | 9 |
| 037 | 281 | 87990 | 160 | 14999 | 126 | 18997 | | | 03 | 9 |
| 053 | 438 | 69854 | | 38782 | 400 | 73995 | 362 | 78826 | 03 | 9 |
| | 337 | 82937 | 296 | 89002 | 190 | 11995 | 175 | 11990 | 03 | 9 |
| 055 | 400 | 76837 | 250 | 98995 | 214 | 97990 | | | 03 | 9 |
| 062 | 116 | 53 0 | 055 | 51 0 | | | | | 02 | 2 |
| 123 | 179 | 95996 | 121 | 16990 | 109 | 17990 | 101 | 47*** | 03 | 1 |
| 127 | 160 | 17996 | | | | | | | 03 | 9 |
| 134 | 153 | 17993 | 101 | 67 | 086 | 83*** | | | 03 | 9 |
| 144 | 556 | 59699 | 469 | 68686 | 430 | 73787 | 400 | 78823 | 03 | 9 |
| | 366 | 82905 | 381 | 90963 | 218 | 05997 | 028 | 93996 | 03 | 9 |
| 223 | 179 | 95 | 121 | 16 | 109 | 17*** | | | 02 | 9 |

## JULY 5

| Index No. iii | 1st, 5th, etc. Level PPP | TTTTT ddx | 2nd, 6th, etc. Level PPP | TTTTT ddx | 3rd, 7th, etc. Level PPP | TTTTT ddx | 4th, 8th, etc. Level PPP | TTTTT ddx | Hour GG | Code Type |
|---|---|---|---|---|---|---|---|---|---|---|
| 01 | | | | | | | | | | |
| 001 | 325 | 96990 | 293 | 96999 | 250 | 91998 | 227 | 91995 | 03 | 8 |
| 030 | 163 | 47 0 | 143 | 41 0 | 120 | 36**0 | 078 | 36**0 | 02 | 2 |
| | 075 | 41 0 | 065 | 42 0 | | | | | 02 | 2 |
| 384 | 482 | 70766 | 427 | 74817 | 400 | 79867 | 393 | 79867 | 03 | 8 |
| | 259 | 03 | 254 | 02 | 235 | 04*** | | | 03 | 8 |
| 415 | 328 | 92932 | 240 | 05991 | 179 | 94997 | | | 03 | 8 |
| 02 | | | | | | | | | | |
| 084 | 208 | 98990 | 155 | 97990 | 135 | 00991 | 118 | 98999 | 03 | 8 |
| | 086 | 00990 | | | | | | | 03 | 8 |
| 03 | | | | | | | | | | |
| 171 | 286 | 46 0 | 270 | 47 0 | 243 | 54**0 | 195 | 54**0 | 02 | 7 |
| 953 | 079 | 38 0 | | | | | | | 03 | 2 |
| 04 | | | | | | | | | | |
| 202 | 303 | 98999 | 135 | 90998 | | | | | 03 | 1 |
| 231 | 154 | 95990 | 105 | 97991 | 101 | 68*** | 059 | 48*** | 03 | 1 |
| | 101 | 58 | | | | | | | 03 | 1 |
| 270 | 400 | 78803 | | | | 09992 | 185 | 00990 | 03 | 1 |
| | 101 | 58 | | | | | | | 03 | 1 |
| 339 | 317 | 90 | 268 | 97 | 220 | 92*** | 101 | 58*** | 03 | 1 |
| 06 | | | | | | | | | | |
| 260 | 428 | 72791 | 365 | 81 | 275 | 96*** | | | 03 | 8 |
| 447 | 196 | 98 0 | 161 | 95 0 | 122 | 00000 | 113 | 99**0 | 03 | 8 |
| | 105 | 01 7 | 090 | 01 7 | | | | | 03 | 8 |
| 610 | 503 | 65267 | 426 | 72821 | 378 | 79891 | 237 | 02**7 | 05 | 5 |
| | 209 | 02 4 | 202 | 00 7 | 194 | 00**1 | | | 05 | 5 |
| 07 | | | | | | | | | | |
| 110 | 662 | 01606 | 598 | 52655 | 450 | 67807 | 420 | 72840 | 02 | 5 |
| | 342 | 83932 | 270 | 97 0 | 216 | 08**4 | | | 02 | 5 |
| 145 | 570 | 56654 | 542 | 68712 | 452 | 70802 | 405 | 78891 | 02 | 8 |
| | 294 | 80942 | 331 | 88008 | 228 | 05**0 | | | 02 | 8 |
| 190 | 576 | 58671 | 540 | 61717 | 392 | 77875 | 275 | 97*** | 02 | 8 |
| | 222 | 07 0 | 175 | 07 0 | 075 | 09**0 | | | 02 | 8 |
| 480 | 341 | 30 1 | 292 | 93 1 | 252 | 98**7 | 234 | 98**7 | 02 | 8 |
| 510 | 409 | 74868 | 390 | 78892 | 317 | 90000 | 246 | 03**1 | 02 | 5 |
| | 215 | 07 7 | 200 | 07 7 | 187 | 05**0 | | | 02 | 5 |
| 645 | 753 | 10048 | 728 | 07086 | 695 | 07002 | 518 | 59666 | 02 | 5 |
| | 490 | 63714 | 474 | 70775 | | | | | 02 | 5 |
| 08 | | | | | | | | | | |
| 521 | 169 | 10992 | 120 | 19999 | 080 | 11991 | | | 14 | 8 |
| 10 | | | | | | | | | | |
| 384 | 518 | 62679 | 400 | 77883 | 225 | 05995 | 210 | 06990 | 03 | 5 |
| | 192 | 01998 | 096 | 03992 | 082 | 02990 | | | 03 | 5 |
| 633 | 636 | 01642 | 588 | 54645 | 506 | 64721 | 476 | 65777 | 03 | 5 |
| | 449 | 67991 | 400 | 74991 | 302 | 90990 | 228 | 03996 | 03 | 5 |
| | 220 | 00990 | 208 | 00992 | 196 | 95996 | 168 | 92997 | 03 | 5 |
| | 137 | 94995 | 100 | 93992 | | | | | 03 | 5 |
| 866 | 225 | 05996 | 179 | 02990 | 160 | 05993 | 103 | 04998 | 03 | 5 |
| 16 | | | | | | | | | | |
| 240 | 596 | 56992 | 546 | 58995 | | | | | 02 | 8 |
| 17 | | | | | | | | | | |
| 606 | 123 | 17 0 | 088 | 03 0 | 076 | 08**0 | | | 14 | 2 |
| 40 | | | | | | | | | | |
| 427 | 394 | 09610 | 379 | 04560 | 372 | 04540 | 271 | 78350 | 14 | 2 |
| | 235 | 61410 | 077 | 91 0 | 067 | 89**0 | | | 14 | 2 |
| 47 | | | | | | | | | | |
| 412 | 468 | 62621 | 359 | 73739 | 348 | 74746 | 317 | 78797 | 05 | 1 |
| | 391 | 84994 | 219 | 92991 | 145 | 97995 | 116 | 02995 | 05 | 1 |
| | 077 | 02997 | 101 | 43 | | | | | 05 | 1 |
| 580 | 230 | 98999 | 101 | 55 | | | | | 03 | 1 |
| 600 | 216 | 93990 | 089 | 00990 | 101 | 58*** | | | 03 | 1 |
| 671 | 588 | 01998 | 508 | 54992 | | | | | 04 | 1 |
| 744 | 253 | 75810 | 227 | 84994 | 160 | 99990 | 111 | 05990 | 03 | 1 |
| | 101 | 57 | | | | | | | 03 | 1 |
| 827 | 132 | 14999 | 061 | 13990 | | | | | 03 | 1 |
| 60 | | | | | | | | | | |
| 390 | 544 | 58737 | 500 | 62765 | 314 | 89014 | 281 | 97117 | 02 | 5 |
| | 252 | 03110 | | | | | | | 02 | 5 |
| 715 | 368 | 77951 | | | | | | | 02 | 8 |
| 61 | | | | | | | | | | |
| 642 | 163 | 11 0 | 112 | 19 0 | | | | | 07 | 8 |
| 62 | | | | | | | | | | |
| 053 | 384 | 79500 | 227 | 79420 | 235 | 54**0 | 113 | 06*** | 02 | 7 |
| 366 | 400 | 63 1 | | | | | | | 03 | 5 |
| 70 | | | | | | | | | | |
| 026 | 530 | 68808 | 400 | 82993 | 331 | 92990 | 156 | 90997 | 03 | 1 |
| 264 | 309 | 90110 | 268 | 97998 | | | | | 04 | 1 |
| 219 | | | 310 | 90990 | 210 | 09970 | 190 | 11998 | 03 | 1 |
| | 150 | 01996 | | | | | | | 03 | 1 |
| 231 | 250 | 00995 | | | | | | | 03 | 1 |
| 273 | 040 | 38 | 046 | 40 | | | | | 03 | 1 |
| 361 | 666 | | 330 | 90990 | 228 | 08991 | 208 | 03993 | 03 | 1 |
| 454 | 194 | 00990 | 090 | 96990 | 101 | 58*** | | | 03 | 1 |
| 72 | | | | | | | | | | |
| 202 | 623 | 05506 | 571 | 50542 | 546 | 51624 | 533 | 53592 | 03 | 1 |
| | 482 | 56702 | 438 | 62717 | 423 | 64812 | 400 | 65997 | 03 | 1 |
| | 273 | 88993 | 150 | 15990 | | | | | 03 | 1 |
| 208 | 261 | 89999 | 118 | 26998 | | | | | 03 | 1 |
| 211 | 262 | 89941 | 169 | 13996 | 129 | 22997 | | | 03 | 1 |
| 219 | 349 | 74875 | 265 | 89007 | 125 | 23997 | 085 | 17993 | 03 | 1 |
| 240 | 329 | 77903 | 262 | 90963 | 143 | 20999 | 120 | 25990 | 03 | 1 |
| | 112 | 23993 | | | | | | | 03 | 1 |
| 250 | 544 | 51688 | 518 | 54634 | 505 | 53727 | 400 | 65993 | 03 | 1 |
| | 130 | 22994 | 103 | 27996 | 070 | 15993 | | | 03 | 1 |
| 253 | 073 | 18993 | | | | | | | 03 | 1 |
| 278 | 150 | 16990 | | | | | | | 03 | 1 |
| 304 | 102 | 21990 | | | | | | | 03 | 1 |
| 327 | 400 | 67776 | 264 | 90980 | 121 | 21993 | 115 | 20999 | 03 | 1 |
| 340 | 094 | 20990 | | | | | | | 03 | 1 |
| 368 | 335 | 76894 | 175 | 09993 | | | | | 03 | 1 |
| 386 | 091 | 17995 | 068 | 11993 | | | | | 03 | 1 |
| 405 | 400 | 67836 | 368 | 72852 | 338 | 77841 | 326 | 78905 | 03 | 1 |
| | 254 | 89997 | 164 | 10999 | | | | | 03 | 1 |
| 445 | 400 | 66712 | 255 | 90933 | 125 | 18990 | | | 03 | 1 |
| 451 | 346 | 75811 | 293 | 82954 | 264 | 87999 | | | 03 | 1 |
| 486 | 290 | 89990 | 157 | 09997 | | | | | 03 | 1 |
| 493 | 185 | 04998 | 086 | 12995 | 081 | 11990 | | | 03 | 1 |
| 506 | 252 | 90990 | 214 | 01998 | | | | | 03 | 1 |
| 520 | 571 | 01991 | 496 | 55733 | 468 | 59706 | 400 | 68821 | 03 | 1 |
| | 280 | 86976 | 268 | 89990 | 128 | 23996 | 076 | 12994 | 03 | 1 |
| 528 | 400 | 66774 | 310 | 81643 | 268 | 88957 | 127 | 23990 | 03 | 1 |
| | 106 | 20994 | | | | | | | 03 | 1 |
| 534 | 276 | 87995 | 117 | 20996 | 076 | 13997 | | | 03 | 1 |
| 553 | 400 | 68825 | 265 | 89992 | 180 | 10993 | 138 | 14995 | 03 | 1 |
| 576 | 140 | 15999 | 122 | 13995 | | | | | 03 | 1 |
| 597 | 335 | 83956 | 396 | 90990 | 194 | 08995 | 092 | 06995 | 03 | 1 |
| 600 | 149 | 09995 | 125 | 09993 | 101 | 58*** | | | 03 | 1 |
| 606 | 173 | 13995 | 160 | 11995 | 140 | 17992 | 102 | 13995 | 03 | 1 |
| 662 | 264 | 89935 | 166 | 12993 | 130 | 14993 | | | 03 | 1 |
| 712 | 470 | 64995 | 400 | 72875 | 370 | 76862 | 342 | 80936 | 03 | 1 |
| | 288 | 89995 | 114 | 08997 | 102 | 06993 | | | 03 | 1 |
| 734 | 475 | 58650 | 400 | 68721 | 320 | 79903 | 265 | 89990 | 03 | 1 |
| | 167 | 08996 | | | | | | | 03 | 1 |
| 747 | 270 | 89925 | 142 | 14994 | 117 | 13997 | | | 03 | 1 |
| 764 | 147 | 13992 | 110 | 13990 | | | | | 03 | 1 |
| 768 | 154 | 12994 | 124 | 12996 | | | | | 03 | 1 |
| 785 | 328 | 86971 | 306 | 89994 | 278 | 94993 | 275 | 93999 | 03 | 1 |
| 798 | 400 | 76827 | 364 | 81854 | 334 | 85951 | 312 | 87987 | 03 | 1 |
| | 198 | 04997 | 192 | 04992 | | | | | 03 | 1 |
| 826 | 620 | 61633 | 512 | 71765 | 434 | 79873 | 400 | 83994 | 03 | 1 |
| | 380 | 85994 | 330 | 94991 | 227 | 89994 | 173 | 90991 | 03 | 1 |
| | 160 | 91997 | 139 | 91991 | 101 | 69*** | 223 | 80*** | 03 | 1 |
| | 101 | 65 | 033 | 13 | 101 | 55*** | | | 03 | 1 |

RADIOSONDE AND RAWINSONDE DATA
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| Index No. iii | 1st, 5th, etc. Level PPP | TTTTT ddx | 2nd, 6th, etc. Level PPP | TTTTT ddx | 3rd, 7th, etc. Level PPP | TTTTT ddx | 4th, 8th, etc. Level PPP | TTTTT ddx | Hour GG | Code Type |
|---|---|---|---|---|---|---|---|---|---|---|
| 836 | 336 | 78953 | 224 | 96993 | 104 | 02996 | 101 | 58*** | 03 | 1 |
| 879 | 217 | 04998 | 188 | 00998 | 142 | 98999 | 101 | 58*** | 03 | 1 |
| 906 | 268 | 88935 | 247 | 86914 | 127 | 83999 | 101 | 58*** | 03 | 1 |
| 907 | 475 | 76795 | 400 | 84887 | 364 | 90933 | 310 | 98999 | 03 | 1 |
| | 290 | 00990 | 245 | 92994 | 077 | 00994 | | | 03 | 1 |
| 909 | 180 | 95994 | 110 | 95995 | 090 | 10361 | 101 | 59*** | 03 | 1 |
| 913 | 464 | 73998 | 400 | 83951 | 352 | 90982 | 281 | 00990 | 03 | 1 |
| | 212 | 95995 | 072 | 00998 | | | | | 03 | 1 |
| 915 | 592 | 60998 | 400 | 84995 | 270 | 02995 | 180 | 95995 | 03 | 1 |
| | 155 | 93990 | 050 | 95997 | 045 | 94995 | | | 03 | 1 |
| 918 | 280 | 04990 | 076 | 92996 | | | | | 03 | 1 |
| 924 | 344 | 90983 | 250 | 03994 | 142 | 93991 | | | 03 | 1 |
| 968 | 639 | 57626 | 618 | 59657 | 611 | 59634 | 400 | 77893 | 03 | 1 |
| | 279 | 94996 | 144 | 90997 | 101 | 58*** | | | 03 | 1 |
| 74 | | | | | | | | | | |
| 074 | 085 | 89990 | 101 | 68 | 052 | 40*** | | | 03 | 1 |
| 090 | 245 | 02991 | 040 | 91998 | | | | | 03 | 1 |
| 109 | 357 | 78887 | 276 | 90002 | 223 | 93995 | 212 | 90995 | 03 | 1 |
| | 070 | 93995 | 101 | 47 | | | | | 03 | 1 |
| 76 | | | | | | | | | | |
| 491 | 558 | 51703 | 544 | 52724 | 439 | 61893 | 400 | 67990 | 02 | 1 |
| | 336 | 76997 | 265 | 89940 | 170 | 12997 | | | 02 | 1 |
| 644 | 390 | 69817 | 258 | 89988 | 147 | 18997 | | | 03 | 1 |
| 78 | | | | | | | | | | |
| 395 | 368 | 70803 | 150 | 14990 | 125 | 17**5 | | | 03 | 1 |
| 501 | 522 | 55633 | 487 | 56731 | 400 | 65739 | 257 | 89502 | 03 | 1 |
| | 114 | 25998 | | | | | | | 03 | 1 |
| 978 | 229 | 97993 | 118 | 26995 | 101 | 59*** | | | 03 | 1 |
| 91 | | | | | | | | | | |
| 115 | 473 | 55995 | 400 | 64998 | | 87995 | | 13992 | 03 | 1 |
| | 107 | 23593 | 040 | 01591 | 101 | 58*** | | | 03 | 1 |
| 182 | 112 | 10990 | 103 | 14995 | 037 | 02595 | | | 03 | 1 |
| 215 | 167 | 11887 | 116 | 24954 | 101 | 58*** | | | 03 | 1 |
| 245 | 458 | 62716 | 455 | 791 | 400 | 70864 | | | 03 | 1 |
| 98 | | | | | | | | | | |
| 327 | 540 | 50992 | 525 | 01993 | 477 | 95706 | 400 | 62718 | 03 | 1 |
| | 322 | 73848 | 245 | 86996 | 124 | 15992 | 101 | 58*** | 03 | 1 |
| 645 | 033 | 94997 | | | | | | | 03 | 8 |
| 9LL | | OCEAN | STA | | | | | | | |
| 034 | 294 | 90983 | 188 | 09999 | 095 | 14994 | 060 | 09995 | 03 | 9 |
| 037 | 400 | 68997 | 354 | 73862 | 262 | 90990 | 163 | 24993 | 03 | 9 |
| | 101 | 67 | 065 | 58 | 201 | 68*** | 065 | 35*** | 03 | 9 |
| 044 | 562 | 56736 | 400 | 78995 | 322 | 89990 | | 07999 | 03 | 9 |
| | 152 | 03995 | 112 | 07999 | 101 | 85*** | 446 | 27*** | 03 | 9 |
| 053 | 164 | 03999 | | | | | | | 03 | 9 |
| 055 | 316 | 89021 | 216 | 01995 | 177 | 96991 | 162 | 96993 | 03 | 9 |
| 063 | 272 | 00996 | 211 | 01995 | 083 | 98999 | 101 | 67*** | 03 | 9 |
| | 068 | 66 | | | | | | | 03 | 9 |
| 134 | 174 | 14990 | 124 | 18992 | | | | | 03 | 9 |
| 246 | 400 | 76991 | 338 | 85994 | 238 | 04995 | | | 03 | 9 |
| 360 | 269 | 02 | 224 | 94 | 133 | 93*** | | | 03 | 5 |

## JULY 6

| Index No. iii | 1st, 5th, etc. Level PPP | TTTTT ddx | 2nd, 6th, etc. Level PPP | TTTTT ddx | 3rd, 7th, etc. Level PPP | TTTTT ddx | 4th, 8th, etc. Level PPP | TTTTT ddx | Hour GG | Code Type |
|---|---|---|---|---|---|---|---|---|---|---|
| 01 | | | | | | | | | | |
| 001 | 255 | 92990 | 245 | 99990 | 235 | 99997 | 217 | 95991 | 03 | 8 |
| | 195 | 95998 | | | | | | | 03 | 8 |
| 384 | 400 | 78822 | 276 | 01 | 237 | 06*** | 220 | 03*** | 03 | 5 |
| | 206 | 96 | 129 | 99 | 095 | 99*** | | | 03 | 5 |
| 415 | 690 | 52525 | | | | | | | 03 | 8 |
| 02 | | | | | | | | | | |
| 084 | 241 | 93996 | 207 | 92996 | 202 | 98999 | 189 | 95999 | 03 | 8 |
| | 169 | 93996 | 114 | 98994 | | | | | 03 | 8 |
| 03 | | | | | | | | | | |
| 953 | 196 | 43 0 | 165 | 41 0 | 152 | 36**0 | | | 03 | 2 |
| 04 | | | | | | | | | | |
| 202 | 132 | 91996 | | | | | | | 03 | 1 |
| 231 | 415 | 79902 | 400 | 81917 | 350 | 90990 | 248 | 01990 | 09 | 1 |
| | 162 | 95996 | 100 | 95995 | 101 | 58*** | | | 09 | 1 |
| 270 | 237 | 05994 | 190 | 97996 | 764 | 00990 | 150 | 98992 | 03 | 1 |
| 339 | 252 | 98 | 186 | 97 | 101 | 46*** | | | 03 | 5 |
| 360 | 208 | 10990 | 167 | 00990 | 101 | 58*** | | | 03 | 5 |
| 06 | | | | | | | | | | |
| 260 | 273 | 00 | 245 | 02 | 213 | 97*** | | | 03 | 8 |
| 447 | 225 | 99 6 | 190 | 95 6 | 178 | 96**6 | | | 03 | 8 |
| 610 | 410 | 76912 | 383 | 76937 | 314 | 85018 | 291 | 88039 | 05 | 5 |
| | 193 | 07 2 | 172 | 05 4 | 147 | 04**0 | | | 05 | 5 |
| 07 | | | | | | | | | | |
| 110 | 772 | 03524 | 705 | 51591 | 660 | 52614 | 635 | 54636 | 02 | 5 |
| | 578 | 68762 | 548 | 60688 | 522 | 61708 | | | 02 | 5 |
| 145 | 620 | 57762 | 592 | 59772 | 556 | 59781 | 432 | 74911 | 02 | 8 |
| | 208 | 86014 | 221 | 02 0 | 218 | 04**4 | | | 02 | 8 |
| 190 | 625 | 58645 | 610 | 58646 | 470 | 57792 | 450 | 7380* | 02 | 8 |
| | 234 | 04 0 | 190 | 04 0 | 065 | 03**0 | | | 02 | 8 |
| 480 | 220 | 03 0 | 186 | 09 4 | 167 | 11**7 | 152 | 08**7 | 02 | 8 |
| | 120 | 05 7 | 065 | 06 4 | | | | | 02 | 8 |
| 510 | 673 | 02681 | 621 | 52727 | 604 | 53721 | 540 | 60797 | 02 | 5 |
| | 450 | 71881 | 378 | 79952 | 320 | 84041 | | | 02 | 5 |
| 645 | 692 | 06561 | 598 | 51651 | 561 | 55695 | 537 | 57755 | 02 | 5 |
| | 516 | 60771 | 406 | 72852 | | | | | 02 | 5 |
| 08 | | | | | | | | | | |
| 509 | 319 | 88990 | 101 | 55 | | | | | 03 | 1 |
| 521 | 620 | 01665 | 542 | 55731 | 536 | 53728 | 453 | 60771 | 14 | 8 |
| | 400 | 68836 | 125 | 20993 | 076 | 12992 | | | 14 | 8 |
| 536 | 468 | 64797 | 432 | 67827 | 400 | 71993 | 175 | 06997 | 14 | 8 |
| | 153 | 07999 | 135 | 13998 | 062 | 05999 | | | 14 | 8 |
| 10 | | | | | | | | | | |
| 034 | 255 | 55 0 | 215 | 44 0 | 192 | 44**0 | 183 | 43**0 | 02 | 7 |
| 384 | 125 | 97992 | 096 | 97990 | 082 | 98995 | 057 | 95990 | 03 | 5 |
| 419 | 685 | 25200 | 290 | | | | | | 02 | 2 |
| 633 | 223 | 98992 | 060 | 88992 | | | | | 03 | 5 |
| 866 | 248 | 05997 | 225 | 04993 | 200 | 00990 | 150 | 02990 | 03 | 5 |
| 11 | | | | | | | | | | |
| 567 | 282 | 95998 | | | | | | | 05 | 5 |
| 42 | | | | | | | | | | |
| 475 | 524 | 03020 | 126 | 09 | | | | | 15 | 8 |
| 47 | | | | | | | | | | |
| 212 | 101 | 55 | | | | | | | 03 | 1 |
| 412 | 400 | 67706 | 381 | 77812 | 271 | 83992 | 229 | 92997 | 03 | 1 |
| | 173 | 01998 | 129 | 00992 | 101 | 47*** | | | 03 | 1 |
| 580 | 350 | 71823 | 316 | 77831 | 250 | 84996 | 218 | 77998 | 03 | 1 |
| | 178 | 23993 | 084 | 11995 | 101 | 65*** | 022 | 18*** | 03 | 1 |
| 600 | 112 | 01995 | 087 | 03993 | 067 | 03998 | 101 | 56*** | 03 | 1 |
| 671 | 400 | 63992 | 250 | 88996 | 108 | 07992 | 101 | 58*** | 05 | 1 |
| 744 | 333 | 71832 | 268 | 81954 | 227 | 87981 | 173 | 75991 | 03 | 1 |
| | 133 | 01990 | 073 | 01990 | | | | | 03 | 1 |
| 808 | 320 | 70988 | 280 | 75829 | 248 | 80908 | 180 | 98990 | 03 | 1 |
| | 101 | 59 | | | | | | | 03 | 1 |
| 827 | 155 | 98995 | 111 | 07990 | | | | | 03 | 1 |
| 60 | | | | | | | | | | |
| 120 | 450 | 70997 | | | | | | | 03 | 6 |
| 155 | 766 | 10047 | 746 | 09017 | 720 | 10528 | 657 | 06750 | 02 | 8 |
| | 637 | 02693 | 582 | | | | 415 | 68931 | 02 | 8 |
| | 367 | 75999 | 279 | 88090 | 258 | 93**1 | 234 | 96**1 | 02 | 8 |
| | 215 | 00 7 | 200 | 03 0 | 184 | 07**0 | 148 | 14**0 | 02 | 8 |
| 390 | 594 | 52680 | 578 | 54707 | 429 | 71845 | 401 | 77890 | 02 | 5 |
| | 359 | 83967 | 225 | 99110 | 188 | 05117 | | | 02 | 5 |
| 570 | 376 | 80932 | 354 | 80941 | 296 | 88019 | 221 | 10117 | 02 | 5 |
| | 202 | 09111 | 177 | 12117 | | | | | 02 | 5 |
| 61 | | | | | | | | | | |
| 642 | 158 | 14 0 | 122 | 25 0 | 085 | 25**7 | 038 | 06**0 | 07 | 8 |
| 62 | | | | | | | | | | |
| 053 | 078 | 99 0 | 045 | 25 0 | | | | | 02 | 7 |
| 70 | | | | | | | | | | |
| 026 | 327 | 89993 | 258 | 98993 | 197 | 94992 | | | 03 | 1 |
| 133 | 466 | 67753 | 400 | 74858 | 305 | 90952 | 180 | 00990 | 03 | 1 |
| | 025 | 89999 | | | | | | | 03 | 1 |
| 200 | 400 | 76888 | 316 | 90990 | 206 | 09996 | 160 | 02990 | 03 | 1 |
| 204 | 220 | 08990 | 067 | 95998 | | | | | 03 | 1 |
| 219 | 570 | 55669 | 546 | 57673 | 533 | 58721 | 480 | 64759 | 03 | 1 |
| | 445 | 69992 | 101 | 68 | | 0*048 | | | 03 | 1 |
| 231 | 101 | 55 | | | | | | | 03 | 1 |
| 273 | 312 | 90983 | 210 | 08999 | 124 | 00999 | | | 03 | 1 |
| 361 | 528 | 71675 | 490 | 66776 | 474 | 68744 | 438 | 72766 | 03 | 1 |
| | 400 | 77833 | 317 | 09083 | 210 | 08998 | 110 | 98999 | 03 | 1 |
| 381 | 036 | 93997 | | | | | | | 03 | 1 |
| 454 | 400 | 72993 | | | | | | | 03 | 1 |
| 72 | | | | | | | | | | |
| 202 | 340 | 77881 | 320 | 81861 | 270 | 87917 | 175 | 10996 | 03 | 1 |
| 208 | 261 | 90990 | 206 | 01994 | | | | | 03 | 1 |
| 211 | 268 | 89991 | 148 | 21995 | 126 | 22995 | | | 03 | 1 |
| 219 | 400 | 68753 | 273 | 89957 | 137 | 22992 | 112 | 24992 | 03 | 1 |
| | 077 | 15990 | | | | | | | 03 | 1 |
| 240 | 273 | 90002 | 148 | 22992 | 126 | 26990 | | | 03 | 1 |
| 265 | 364 | 70846 | 264 | 89991 | 132 | 21990 | 097 | 22992 | 03 | 1 |
| | 060 | 09996 | | | | | | | 03 | 1 |
| 278 | 339 | 79919 | 270 | 90002 | 150 | 17990 | | | 03 | 1 |
| 304 | 101 | 68 | 072 | 40 | 358 | 74804 | 280 | 88971 | 04 | 1 |
| | 188 | 23997 | 060 | 11998 | | | | | 04 | 1 |
| 327 | 130 | 22991 | | | | | | | 03 | 1 |
| 340 | 373 | 69771 | 336 | 74874 | 256 | 89976 | 159 | 14995 | 04 | 1 |
| | 106 | 22994 | 072 | 14999 | | | | | 04 | 1 |
| 353 | 262 | 88995 | 152 | 15996 | 135 | 17999 | | | 03 | 1 |
| 365 | 260 | 90983 | 135 | 19998 | | | | | 03 | 1 |
| 386 | 097 | 16990 | 093 | 15996 | | | | | 03 | 1 |
| 394 | 219 | 03995 | 158 | 05996 | 125 | 13993 | | | 03 | 1 |
| 405 | 400 | 67814 | 263 | 90983 | 123 | 19999 | 110 | 20994 | 03 | 1 |
| | 070 | 14991 | | | | | | | 03 | 1 |
| 476 | 112 | 16999 | 102 | 16991 | | | | | 03 | 1 |
| 493 | 680 | 04665 | 434 | 69838 | 400 | 74871 | 345 | 82947 | 03 | 1 |
| | 223 | 04994 | 184 | 02990 | 092 | 13990 | 080 | 09998 | 03 | 1 |
| 506 | 264 | 90011 | 146 | 17998 | 130 | 16990 | | | 03 | 1 |
| 518 | 400 | 69775 | 374 | 72787 | 349 | 75848 | 265 | 90001 | 03 | 1 |
| | 143 | 18992 | 126 | 16995 | | | | | 03 | 1 |
| 520 | 572 | 51693 | 560 | 50998 | 470 | 58757 | 400 | 67829 | 03 | 1 |
| | 276 | 88993 | 155 | 16990 | 130 | 19990 | 070 | 11991 | 03 | 1 |
| 553 | 057 | 31 | | | | | | | 03 | 1 |
| 562 | 265 | 87995 | 161 | 17992 | 116 | 20999 | | | 03 | 1 |
| 576 | 280 | 88007 | 177 | 09995 | 121 | 16992 | | | 03 | 1 |
| 597 | 547 | 60998 | 522 | 64803 | 400 | 78872 | 329 | 89007 | 03 | 1 |
| | 273 | 02993 | 218 | 07992 | | | | | 03 | 1 |
| 606 | 556 | 57603 | 538 | 56645 | 474 | 63653 | 400 | 68747 | 03 | 1 |
| | 272 | 89953 | 215 | 04992 | | | | | 03 | 1 |
| 768 | 285 | 90990 | 227 | 01990 | 218 | 00991 | 137 | 11993 | 03 | 1 |
| | 125 | 10991 | | | | | | | 03 | 1 |

RADIOSONDE AND RAWINSONDE DATA
SIGNIFICANT LEVELS

| Index No. iii | 1st, 5th, etc. Level PPP | TTTTT ddx | 2nd, 6th, etc. Level PPP | TTTTT ddx | 3rd, 7th, etc. Level PPP | TTTTT ddx | 4th, 8th, etc. Level PPP | TTTTT ddx | Hour GG | Code Type |
|---|---|---|---|---|---|---|---|---|---|---|
| 775 | 101 | 69301 | | | | | | | 03 | 1 |
| 785 | 371 | 79916 | 313 | 89993 | 240 | 02995 | 205 | 05990 | 03 | 1 |
| | 150 | 00990 | | | | | | | 03 | 1 |
| 798 | 101 | 68 | 098 | 89 | 057 | 47*** | 324 | 88929 | 03 | 1 |
| | 242 | 98999 | 098 | 95992 | | | | | 03 | 1 |
| 836 | 400 | 73902 | 251 | 95996 | 117 | 01990 | 101 | 58*** | 03 | 1 |
| 867 | 240 | 93992 | 155 | 01995 | | | | | 03 | 1 |
| 879 | 100 | 02994 | 101 | 58 | | | | | 03 | 1 |
| 906 | 503 | 69801 | 452 | 73862 | 400 | 79917 | 345 | 88971 | 03 | 1 |
| | 328 | 90990 | 260 | 01997 | 280 | 02998 | 097 | 97997 | 03 | 1 |
| | 075 | 95998 | 101 | 58 | | | | | 03 | 1 |
| 907 | 010 | 55 | | | | | | | 03 | 1 |
| 913 | 400 | 78995 | 310 | 90990 | 231 | 02990 | 159 | 98993 | 03 | 1 |
| | 055 | 01992 | | | | | | | 03 | 1 |
| 915 | 100 | 95997 | | | | | | | 03 | 1 |
| 917 | 181 | 91995 | | | | | | | 03 | 1 |
| 918 | 246 | 08995 | 120 | 92990 | | | | | 03 | 1 |
| 924 | 400 | 78998 | | | 387 | 85913 | 338 | 89007 | 03 | 1 |
| | 270 | 01998 | 234 | 02995 | 182 | 92995 | 101 | 68*** | 03 | 1 |
| | 058 | 39 | | | | | | | 03 | 1 |
| 926 | 352 | 87997 | 317 | 90997 | 234 | 06991 | 190 | 00997 | 03 | 1 |
| 945 | 400 | 77865 | 334 | 88004 | 108 | 94997 | 085 | 95991 | 03 | 1 |
| 968 | 314 | 94992 | 232 | 87999 | 101 | 58*** | | | 03 | 1 |
| 74 | | | | | | | | | | |
| 072 | 159 | 87999 | | | | | | | 03 | 1 |
| 109 | 101 | 47 | | | | | | | 03 | 1 |
| 188 | 101 | 55 | | | | | | | 03 | 1 |
| 76 | | | | | | | | | | |
| 458 | 260 | 89994 | 122 | 29994 | 115 | 25990 | | | 02 | 1 |
| 491 | 589 | 50595 | 400 | 01555 | 500 | 65991 | 349 | 72995 | 02 | 1 |
| | 262 | 88997 | 149 | 18997 | 114 | 80994 | 061 | 16995 | 02 | 1 |
| | 051 | 09997 | 034 | 07998 | | | | | 02 | 1 |
| 644 | 400 | 66745 | | 70924 | 295 | 82937 | 164 | 15993 | 03 | 1 |
| 679 | 256 | 88958 | 197 | 03990 | | | | | 03 | 1 |
| 78 | | | | | | | | | | |
| 395 | 325 | 80883 | 260 | 91991 | 190 | 04997 | 130 | 18999 | 03 | 1 |
| 501 | 165 | 14995 | 125 | 21996 | | | | | 03 | 1 |
| 806 | 296 | 93996 | 275 | 91993 | 248 | 91990 | 210 | 93995 | 02 | 1 |
| 972 | 270 | 90911 | 220 | 01996 | 101 | 58*** | | | 03 | 1 |
| 91 | | | | | | | | | | |
| 066 | 647 | 04995 | 439 | 66995 | 400 | 69997 | 297 | 84990 | 03 | 1 |
| | 274 | 90990 | 172 | 09990 | 092 | 11993 | 040 | 01996 | 03 | 1 |
| 115 | 336 | 71802 | 252 | 84992 | 112 | 23992 | 040 | 97997 | 03 | 1 |
| | 101 | 58 | | | | | | | 03 | 1 |
| 182 | | 16990 | 131 | 14996 | 120 | 17993 | 094 | 17990 | 03 | 1 |
| | 035 | 02999 | | | | | | | 03 | 1 |
| 215 | 344 | 75883 | 265 | 90990 | 101 | 68*** | 026 | 20*** | 03 | 1 |
| 245 | 466 | 59751 | 450 | 61689 | 400 | 68891 | 362 | 73904 | 04 | 1 |
| | 264 | 90950 | 042 | 19998 | | | | | 04 | 1 |
| 275 | 462 | 69671 | 441 | 61741 | 505 | 63998 | 101 | 55*** | 03 | 1 |
| 366 | 340 | 69824 | 268 | 79976 | 130 | 13998 | 101 | 59*** | 03 | 1 |
| 98 | | | | | | | | | | |
| 327 | 248 | 85998 | 214 | 92993 | 101 | 55*** | | | 03 | 1 |
| 9LL | | OCEAN | STA | | | | | | | |
| 035 | 400 | 72823 | 372 | 76876 | 137 | 16992 | | | 03 | 9 |
| 037 | 567 | 51604 | 550 | 52718 | 538 | 53749 | 526 | 54654 | 03 | 9 |
| | 474 | 58787 | 423 | 65728 | 400 | 67777 | 346 | 73907 | 03 | 9 |
| | 266 | 88995 | 137 | 19991 | | | | | 03 | 9 |
| 044 | 510 | 61669 | 494 | 60632 | 400 | 70734 | 285 | 89921 | 03 | 9 |
| | 176 | 14990 | 145 | 07994 | 087 | 06994 | | | 03 | 9 |
| 053 | 210 | 61771 | 400 | 72990 | 186 | 13994 | 126 | 03999 | 03 | 9 |
| 063 | 216 | 09995 | 085 | 98990 | | | | | 03 | 9 |
| 223 | 362 | 58 | 267 | 70 | 221 | 79*** | 129 | 98*** | 04 | 1 |
| 360 | 210 | 98 | 140 | 91 | 100 | 91*** | 070 | 91*** | 03 | 5 |

## JULY 7

| Index No. iii | 1st, 5th, etc. Level PPP | TTTTT ddx | 2nd, 6th, etc. Level PPP | TTTTT ddx | 3rd, 7th, etc. Level PPP | TTTTT ddx | 4th, 8th, etc. Level PPP | TTTTT ddx | Hour GG | Code Type |
|---|---|---|---|---|---|---|---|---|---|---|
| 01 | | | | | | | | | | |
| 001 | 400 | 74848 | 335 | 87961 | 247 | 04990 | 224 | 02994 | 03 | 8 |
| | 212 | 97998 | 164 | 94993 | 135 | 95992 | | | 03 | 8 |
| 384 | 165 | 98 | 142 | 97 | | | | | 03 | 5 |
| 415 | 468 | 71756 | 400 | 80857 | 275 | 05991 | 237 | 07999 | 03 | 8 |
| | 194 | 98991 | 110 | 03994 | 060 | 99998 | | | 03 | 8 |
| 02 | | | | | | | | | | |
| 057 | 382 | 81854 | | | | | | | 03 | 8 |
| 077 | 238 | 97995 | 213 | 09900 | 406 | 09960 | 188 | 96999 | 03 | 8 |
| | 141 | 97991 | | | | | | | 03 | 8 |
| 084 | 222 | 98999 | 208 | 94992 | | | | | 03 | 8 |
| 03 | | | | | | | | | | |
| 743 | 230 | 45 0 | 163 | 48 0 | 140 | 41**0 | 137 | 42**0 | 02 | 2 |
| | 093 | 37 0 | 065 | 39 0 | | | | | 02 | 2 |
| 04 | | | | | | | | | | |
| 018 | 400 | 72995 | 295 | 90990 | 177 | 12990 | 145 | 02992 | 03 | 1 |
| | 116 | 02992 | | | | | | | 03 | 1 |
| 202 | 400 | 82939 | 355 | 88985 | 265 | 03990 | 181 | 92997 | 03 | 1 |
| 270 | 280 | 00990 | 214 | 90998 | 101 | 58*** | | | 09 | 1 |
| 06 | | | | | | | | | | |
| 260 | 609 | 58711 | 561 | 60762 | 445 | 74869 | 288 | 94*** | 03 | 8 |
| | 241 | 94 | 172 | 94 | | | | | 03 | 8 |
| 447 | 135 | 00 5 | 075 | 02 2 | | | | | 03 | 8 |
| 610 | 587 | 58742 | 570 | 57756 | 500 | 63785 | 449 | 70813 | 05 | 5 |
| | 349 | 80877 | 328 | 84896 | 282 | 90943 | | | 05 | 5 |
| 07 | | | | | | | | | | |
| 110 | 692 | 53593 | 652 | 55621 | 638 | 55621 | 590 | 58673 | 02 | 5 |
| | 516 | 66756 | 478 | 70792 | 514 | 92**0 | | | 02 | 5 |
| 145 | 655 | 52544 | 610 | 57604 | 586 | 56607 | 532 | 60657 | 02 | 8 |
| | 480 | 68728 | 420 | 71774 | 400 | 76812 | | | 02 | 8 |
| 190 | 456 | 69736 | 440 | 72767 | 273 | 95**7 | 212 | 04*** | 02 | 8 |
| | 180 | 03 0 | 155 | 99 4 | 058 | 04**1 | | | 02 | 8 |
| 480 | 560 | 60672 | 540 | 64832 | 342 | 85922 | 289 | 96**0 | 02 | 8 |
| | 243 | 04 4 | 189 | 01 4 | 082 | 08**0 | | | 02 | 8 |
| 510 | 576 | 56624 | 558 | 58758 | 500 | 63706 | 462 | 69764 | 02 | 5 |
| | 375 | 78849 | 337 | 86925 | 227 | 03**1 | | | 02 | 5 |
| 645 | 576 | 57582 | 538 | 59606 | 510 | 62630 | 468 | 65669 | 02 | 5 |
| | 438 | 68695 | 374 | 77773 | | | | | 02 | 5 |
| 08 | | | | | | | | | | |
| 509 | 657 | | 606 | 53677 | 570 | 57616 | 530 | 60696 | 03 | 1 |
| | 400 | 76820 | 315 | 90990 | 220 | 05994 | 107 | 09992 | 03 | 1 |
| | 101 | 69 | 333 | 15 | 101 | 58*** | | | 03 | 1 |
| 521 | 407 | 67826 | 185 | 16996 | 115 | 17990 | 084 | 14995 | 14 | 8 |
| | 052 | 98999 | | | | | | | 14 | 8 |
| 536 | 450 | 69993 | 400 | 76998 | 342 | 81994 | 123 | 11993 | 14 | 8 |
| | 092 | 07994 | | | | | | | 14 | 8 |
| 10 | | | | | | | | | | |
| 384 | 369 | 84849 | 337 | 89996 | 316 | 92995 | 225 | 93997 | 03 | 5 |
| | 148 | 95991 | | | | | | | 03 | 5 |
| 633 | 530 | 65755 | 400 | 78996 | 309 | 90990 | 252 | 97992 | 03 | 5 |
| | 073 | 98994 | 041 | 90995 | | | | | 03 | 5 |
| 866 | 400 | 78990 | 235 | 05990 | 225 | 05990 | 207 | 01996 | 03 | 5 |
| | 186 | 02996 | | | | | | | 03 | 5 |
| 11 | | | | | | | | | | |
| 030 | 083 | 98 8 | | | | | | | 03 | 5 |
| 17 | | | | | | | | | | |
| 606 | 626 | 48950 | 592 | 43880 | 490 | 26670 | 478 | 24660 | 14 | 2 |
| | 462 | 27680 | 405 | 18610 | 395 | 07530 | 369 | 07520 | 14 | 2 |
| | 095 | 04 | 087 | 12 0 | 068 | 12**0 | | | 17 | 2 |
| 40 | | | | | | | | | | |
| 427 | 280 | 80402 | 268 | 75420 | 100 | 38**0 | 113 | 18**0 | 14 | 2 |
| 648 | 231 | 84410 | 208 | 54000 | | | | | 02 | 2 |
| 42 | | | | | | | | | | |
| 182 | 107 | 06 | | | | | | | 15 | 8 |
| 339 | 335 | 69 | 269 | 87 | | | | | 15 | 8 |
| 47 | | | | | | | | | | |
| 401 | 099 | 01991 | 101 | 47 | | | | | 03 | 1 |
| 600 | 240 | 89999 | 129 | 98997 | 083 | 02997 | 101 | 56*** | 06 | 1 |
| 635 | 400 | 76995 | 326 | 78990 | 315 | 78990 | 273 | 82999 | 04 | 1 |
| | 101 | 55 | | | | | | | 04 | 1 |
| 646 | 172 | 94994 | 152 | 96994 | | | | | 05 | 1 |
| 671 | 332 | 73998 | 255 | 84992 | 185 | 97990 | 108 | 08992 | 03 | 1 |
| | 085 | 05990 | 101 | 58 | | | | | 03 | 1 |
| 744 | 373 | 68762 | 355 | 69771 | 267 | 82996 | 247 | 83993 | 03 | 1 |
| | 239 | 89999 | 160 | 08997 | 107 | 01990 | 077 | 98990 | 03 | 1 |
| 778 | 228 | 86937 | 155 | 01993 | 143 | 05990 | 115 | 07999 | 04 | 1 |
| | 079 | 08980 | 056 | 04995 | | | | | 04 | 1 |
| 827 | 400 | 65664 | 353 | 68704 | 104 | 11991 | 118 | 15990 | 03 | 1 |
| | 101 | 56 | | | | | | | 03 | 1 |
| 931 | 410 | 63738 | 101 | 47 | | | | | 03 | 1 |
| 60 | | | | | | | | | | |
| 390 | 697 | 08604 | 680 | 08604 | 662 | 05625 | 597 | 50673 | 02 | 5 |
| | 522 | 60748 | 410 | 75821 | 304 | 87996 | | | 02 | 5 |
| 61 | | | | | | | | | | |
| 642 | 500 | 58718 | 413 | 67997 | 380 | 69990 | 192 | 04**1 | 07 | 5 |
| 62 | | | | | | | | | | |
| 053 | 067 | 25 0 | | | | | | | 02 | 7 |
| 70 | | | | | | | | | | |
| 026 | 621 | 58621 | 400 | 77796 | 328 | 88915 | 294 | 95994 | 03 | 1 |
| | 101 | 68 | 086 | 69 | | | | | 03 | 1 |
| 133 | 023 | 84993 | | | | | | | 03 | 1 |
| 200 | 594 | 58642 | 565 | 58789 | 463 | 70877 | 423 | 76868 | 03 | 1 |
| | 400 | 79932 | 357 | 84984 | 333 | 88963 | 216 | 08997 | 03 | 1 |
| | 145 | 00996 | | | | | | | 03 | 1 |
| 204 | 593 | 57606 | 400 | 76990 | 227 | 05998 | 172 | 97991 | 03 | 1 |
| | 080 | 94998 | 101 | 69 | 040 | 32*** | 058 | 40*** | 03 | 1 |
| 219 | 540 | 58755 | 400 | 76876 | 316 | 89984 | 208 | 08998 | 03 | 1 |
| | 171 | 00990 | 075 | 95999 | | | | | 03 | 1 |
| 231 | 198 | 09992 | 138 | 00992 | | | | | 03 | 1 |
| 261 | 400 | 76862 | 334 | 87980 | 208 | 09991 | 173 | 00990 | 03 | 1 |
| | 115 | 98990 | | | | | | | 03 | 1 |
| 273 | 588 | 56693 | 526 | 61775 | 400 | 76998 | 317 | 90990 | 03 | 1 |
| | 132 | 00996 | | | | | | | 03 | 1 |
| 291 | 313 | 89947 | 232 | 06992 | 203 | 09991 | 164 | 89999 | 03 | 1 |
| | 102 | 00990 | | | | | | | 03 | 1 |
| 361 | 209 | 10994 | | | | | | | 03 | 1 |
| 398 | 270 | 98999 | | | | | | | 03 | 1 |
| 454 | 486 | 65813 | 442 | 69764 | 400 | 73791 | 289 | 90964 | 03 | 1 |
| | 216 | 00990 | | | | | | | 03 | 1 |
| 485 | 461 | 64828 | 400 | 72994 | 217 | 03998 | 088 | 95997 | 03 | 1 |
| | 101 | 58 | | | | | | | 03 | 1 |
| 72 | | | | | | | | | | |
| 208 | 340 | 76871 | 262 | 89997 | 175 | 09998 | | | 03 | 1 |
| 211 | 089 | 18994 | | | | | | | 03 | 1 |
| 219 | 562 | 50702 | 400 | 67991 | 358 | 74881 | 342 | 76844 | 03 | 1 |
| | 268 | 88982 | 129 | 20996 | | | | | 03 | 1 |

RADIOSONDE AND RAWINSONDE DATA
SIGNIFICANT LEVELS

| Index No. iii | 1st, 5th, etc. Level PPP | TTTTT ddx | 2nd, 6th, etc. Level PPP | TTTTT ddx | 3rd, 7th, etc. Level PPP | TTTTT ddx | 4th, 8th, etc. Level PPP | TTTTT ddx | Hour GG | Code Type |
|---|---|---|---|---|---|---|---|---|---|---|
| 240 | 400 | 66767 | 362 | 71851 | 133 | 24993 | 122 | 25997 | 03 | 1 |
| | 088 | 24990 | | | | | | | 03 | 1 |
| 259 | 314 | 79993 | 248 | 90900 | 200 | 02991 | 101 | 58*** | 03 | 1 |
| 278 | 664 | 00 | 277 | 90990 | 167 | 11991 | 101 | 69*** | 03 | 1 |
| | 772 | 77 | | | | | | | 03 | 1 |
| 304 | 130 | 24998 | 070 | 13998 | 101 | 68*** | 037 | 27*** | 03 | 1 |
| 317 | 256 | 89989 | 125 | 23993 | | | | | 03 | 1 |
| 340 | 377 | 67829 | 258 | 88947 | 107 | 24995 | 082 | 18991 | 03 | 1 |
| 353 | 378 | 68813 | 265 | 88998 | 122 | 21997 | 098 | 24995 | 03 | 1 |
| | 096 | 23996 | | | | | | | 03 | 1 |
| 386 | 131 | 15992 | | | | | | | 03 | 1 |
| 394 | 585 | 00691 | 400 | 72998 | 140 | 07991 | 115 | 13950 | 03 | 1 |
| | 110 | 11997 | | | | | | | 03 | 1 |
| 451 | 116 | 19991 | | | | | | | 03 | 1 |
| 493 | 807 | 12579 | 793 | 14591 | 736 | 09644 | 400 | 73990 | 03 | 1 |
| | 303 | 90990 | 177 | 03994 | 085 | 12990 | 075 | 11990 | 03 | 1 |
| 506 | 193 | 07998 | | | | | | | 03 | 1 |
| 518 | 264 | 89981 | | | | | | | 03 | 1 |
| 528 | 368 | 70842 | 258 | 89004 | 236 | 93991 | | | 03 | 1 |
| 534 | 088 | 80 | 273 | 85962 | 175 | 09992 | 114 | 20992 | 03 | 1 |
| | 063 | 10999 | | | | | | | 03 | 1 |
| 553 | 090 | 22990 | | | | | | | 03 | 1 |
| 576 | 150 | 12998 | 115 | 17995 | 085 | 11992 | | | 03 | 1 |
| 597 | 312 | 87995 | | | | | | | 04 | 1 |
| 600 | 092 | 05997 | | | | | | | 03 | 1 |
| 606 | 518 | 58747 | 470 | 63743 | 454 | 64708 | 400 | 70819 | 03 | 1 |
| | 372 | 74817 | 278 | 88929 | 231 | 98999 | 155 | 07998 | 03 | 1 |
| | 085 | 10990 | 073 | 09990 | | | | | 03 | 1 |
| 655 | 286 | 84882 | 256 | 90000 | 138 | 18990 | 068 | 10998 | 03 | 1 |
| 662 | 266 | 89976 | 184 | 08998 | 125 | 16995 | 114 | 14998 | 03 | 1 |
| 681 | 215 | 07998 | 182 | 03996 | 118 | 08998 | 050 | 03996 | 03 | 1 |
| 734 | 346 | 74846 | 268 | 88946 | 248 | 94992 | | | 03 | 1 |
| 747 | 261 | 89007 | 154 | 12995 | | | | | 03 | 1 |
| 764 | 264 | 90990 | 130 | 15999 | 111 | 16995 | | | 03 | 1 |
| 768 | 202 | 06991 | 185 | 03990 | 120 | 13997 | | | 04 | 1 |
| 775 | 050 | 02995 | | | | | | | 03 | 1 |
| 798 | 337 | 89983 | 381 | 92992 | | | | | 03 | 1 |
| 815 | 205 | 91997 | 101 | 55 | | | | | 03 | 1 |
| 826 | 732 | 55591 | 101 | 58 | | | | | 03 | 1 |
| 867 | 126 | 05990 | | | | | | | 03 | 1 |
| 879 | 171 | 94996 | 147 | 97999 | 114 | 97994 | 101 | 58*** | 03 | 1 |
| 896 | 145 | 98992 | 101 | 47 | | | | | 03 | 1 |
| 906 | 400 | 82993 | | 90990 | 240 | 05990 | 194 | 94994 | 03 | 1 |
| | 100 | 95998 | 101 | 58 | | | | | 03 | 1 |
| 907 | 256 | 03997 | 233 | 05991 | 206 | 01990 | 078 | 00994 | 03 | 1 |
| 909 | 320 | 99991 | 257 | 01995 | 213 | 94990 | 076 | 90998 | 09 | 1 |
| | 101 | 58 | | | | | | | 09 | 1 |
| 913 | 530 | 61990 | 460 | 66815 | 407 | 73792 | 400 | 73803 | 03 | 1 |
| | 365 | 77 7 | 298 | 89933 | 253 | 98991 | | | 03 | 1 |
| 915 | 440 | 73773 | 400 | 78813 | 323 | 88955 | 242 | 05990 | 03 | 1 |
| | 195 | 00990 | 083 | 98990 | | | | | 03 | 1 |
| 917 | 181 | 91993 | 090 | 90990 | | | | | 03 | 1 |
| 924 | | | 342 | 90951 | 251 | 05992 | | | 03 | 1 |
| 964 | 101 | 58 | | | | | | | 04 | 1 |
| 968 | 558 | 66731 | 549 | 66748 | 400 | 81924 | 284 | 93996 | 03 | 1 |
| | 063 | 85993 | 101 | 58 | | | | | 02 | 1 |
| 74 | | | | | | | | | | |
| 074 | 481 | 74818 | 436 | 79924 | 400 | | 294 | 97997 | 03 | 1 |
| | 208 | 89991 | | | | | | | 03 | 1 |
| 090 | 050 | 91999 | | | | | | | 03 | 1 |
| 109 | 239 | 98994 | 084 | 92998 | 056 | 94994 | 101 | 47*** | 03 | 1 |
| 76 | | | | | | | | | | |
| 491 | 538 | 52990 | 451 | 60990 | 400 | 0*991 | 258 | 89991 | 02 | 1 |
| | 127 | 23990 | 107 | 28991 | 076 | 21934 | | | 02 | 1 |
| 644 | 430 | 63788 | 400 | 67814 | 275 | 88913 | 127 | 23991 | 03 | 1 |
| 679 | 400 | 67814 | 350 | 73874 | 285 | 86993 | 266 | 89996 | 03 | 1 |
| | 161 | 17991 | | | | | | | 03 | 1 |
| 78 | | | | | | | | | | |
| 501 | 163 | 14992 | 125 | 20995 | 115 | 19990 | 095 | 22991 | 03 | 1 |
| | 068 | 17999 | 050 | 05996 | | | | | 03 | 1 |
| 91 | | | | | | | | | | |
| 115 | | 13152 | 549 | 53686 | | 56637 | 472 | 60651 | 03 | 1 |
| | 248 | 97997 | 101 | 58 | | | | | 03 | 1 |
| 182 | 605 | 04993 | 578 | 04993 | 400 | 66993 | 271 | 89995 | 03 | 1 |
| | 164 | 13994 | 152 | 10994 | 056 | 22991 | 094 | 18999 | 03 | 1 |
| | 025 | 01992 | 101 | 67 | 080 | 78*** | | | 03 | 1 |
| 215 | 118 | 22995 | 111 | 21992 | 101 | 58*** | | | 03 | 1 |
| 245 | 400 | 68772 | 364 | 71845 | 263 | 89998 | 125 | 25999 | 03 | 1 |
| | 101 | 67 | 093 | 89 | | | | | 03 | 1 |
| 366 | 400 | 65721 | 372 | 68725 | 274 | 85918 | | 09990 | 03 | 1 |
| | 121 | 22990 | 080 | 20995 | | | | | 03 | 1 |
| 9LL | | OCEAN | STA | | | | | | | |
| 034 | 094 | 15998 | 101 | 68 | 046 | 29*** | | | 03 | 9 |
| 035 | 364 | 75823 | 328 | 81936 | 156 | 16998 | 135 | 17995 | 03 | 9 |
| | 070 | 13990 | | | | | | | 03 | 9 |
| 037 | 260 | 90990 | 126 | 21995 | | | | | 03 | 9 |
| 041 | 690 | 01554 | 676 | 00571 | 655 | 58605 | 526 | 60742 | 02 | 8 |
| | 504 | 15815 | 300 | 95 4 | 228 | 05**0 | 200 | 05**0 | 02 | 8 |
| | 164 | 00111 | 107 | 07 0 | 088 | 05**1 | 068 | 08**4 | 02 | 8 |
| | 047 | 06 4 | | | | | | | 02 | 8 |
| 044 | 400 | 70731 | 278 | 89929 | 175 | 09992 | 118 | **995 | 03 | 9 |
| | 092 | 06996 | | | | | | | 03 | 9 |
| 062 | 155 | 34 0 | 072 | 41 0 | | | | | 03 | 2 |
| 063 | 080 | 98992 | | | | | | | 03 | 9 |
| 134 | 068 | 14996 | | | | | | | 03 | 9 |
| 144 | 109 | 01996 | 037 | 93997 | | | | | 03 | 9 |
| 215 | 525 | 56990 | 400 | 77990 | | | | | 03 | 9 |
| 223 | 341 | 59 | 251 | 74 | 224 | 81*** | 155 | 04*** | 02 | 1 |
| | 116 | 05 | 087 | 05 | | | | | 02 | 1 |
| 246 | 082 | 08995 | | | | | | | 03 | 9 |
| 360 | 243 | 03 | 185 | 97 | 128 | 98*** | | | 03 | 5 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 01 | | | | | | | | | | |
| 001 | 396 | 81999 | 360 | 81999 | 272 | 96995 | 242 | 00997 | 03 | 8 |
| | 195 | 02998 | | | | | | | 03 | 8 |
| 030 | 310 | 92 0 | 280 | 94 8 | 233 | 04**2 | 220 | 98**3 | 03 | 8 |
| 384 | 460 | 72661 | 444 | 73772 | 400 | 79844 | 250 | 02*** | 03 | 5 |
| | 226 | 02 | 180 | 99 | 164 | 99*** | | | 03 | 5 |
| 415 | 210 | 03997 | 190 | 99997 | 162 | 98991 | 147 | 99997 | 03 | 8 |
| | 137 | 98990 | 082 | 99999 | | | | | 03 | 8 |
| 02 | | | | | | | | | | |
| 057 | 457 | 74821 | 378 | 86939 | | | | | 03 | 8 |
| 084 | 254 | 04995 | 224 | 00997 | | | | | 03 | 8 |
| 04 | | | | | | | | | | |
| 202 | 236 | 06990 | 170 | 93999 | | | | | 03 | 1 |
| 231 | 350 | 90990 | 282 | 98991 | 225 | 93992 | 193 | 91097 | 03 | 1 |
| 360 | 334 | 92020 | 212 | 93999 | | | | | 02 | 5 |
| 06 | | | | | | | | | | |
| 180 | 237 | 05990 | 231 | 05997 | 218 | 98999 | 139 | 01992 | 03 | 5 |
| | 126 | 00996 | | | | | | | 03 | 5 |
| 260 | 453 | 71823 | 378 | 80 | 310 | 90*** | 272 | 97*** | 03 | 8 |
| 447 | 163 | 99 6 | 155 | 98 0 | 120 | 01**2 | 074 | 00**5 | 03 | 8 |
| | 070 | 01 2 | 036 | 95 1 | 034 | 96**0 | | | 03 | 8 |
| 610 | 214 | 99 7 | 200 | 95 7 | 162 | 95**1 | 158 | 92**1 | 05 | 5 |
| | 148 | 92 1 | 132 | 01 0 | | | | | 05 | 5 |
| 07 | | | | | | | | | | |
| 110 | 731 | 50569 | 704 | 51576 | 655 | 53615 | 619 | 56642 | 02 | 5 |
| | 600 | 58662 | 572 | 60696 | 500 | 68765 | | | 02 | 5 |
| 145 | 622 | 54814 | 578 | 60766 | 548 | 61862 | 446 | 72962 | 02 | 8 |
| | 418 | 72955 | 271 | 79011 | 220 | 84050 | | | 02 | 8 |
| 190 | 620 | 54633 | 526 | 62711 | 681 | 81907 | 326 | 8897* | 02 | 8 |
| | 225 | 03 0 | 148 | 00 1 | 056 | 00**4 | | | 02 | 8 |
| 480 | 274 | 66685 | 432 | 71763 | 390 | 78840 | 244 | 02**7 | 02 | 8 |
| | 221 | 02 7 | 188 | 99 7 | | | | | 02 | 8 |
| 510 | 608 | 54573 | 480 | 67715 | 448 | 69720 | 390 | 77786 | 02 | 5 |
| | 322 | 67883 | 255 | 98 0 | 230 | 03**7 | | | 02 | 5 |
| 645 | 772 | 08068 | 737 | 06042 | 642 | 50505 | 574 | 57570 | 02 | 5 |
| | 540 | 59590 | 484 | 64655 | | | | | 02 | 5 |
| 08 | | | | | | | | | | |
| 509 | 193 | 11993 | 145 | 09993 | | | | | 03 | 1 |
| 521 | 565 | 52694 | 475 | 64773 | 400 | 72863 | 211 | 00991 | 14 | 8 |
| 536 | 120 | 07990 | 060 | 94995 | | | | | 14 | 8 |
| 10 | | | | | | | | | | |
| 338 | 077 | 41 0 | | | | | | | 02 | 2 |
| 384 | 225 | 95990 | 188 | 93998 | 096 | 97997 | 064 | 98994 | 03 | 5 |
| 419 | 160 | 48 0 | 140 | 43 0 | 035 | 46**0 | | | 02 | 2 |
| 633 | 553 | 60723 | 477 | 67811 | 400 | 77992 | 321 | 90990 | 03 | 5 |
| | 258 | 00992 | 241 | 97996 | 230 | 00991 | 221 | 96997 | 03 | 5 |
| | 187 | 93998 | 155 | 97992 | 082 | 97995 | 046 | 90994 | 03 | 5 |
| | 037 | 84995 | | | | | | | 03 | 5 |
| 866 | 262 | 98992 | 225 | 95998 | 178 | 97994 | 150 | 02995 | 03 | 5 |
| | 105 | 02998 | | | | | | | 03 | 5 |
| 11 | | | | | | | | | | |
| 030 | 428 | 72764 | 415 | 72769 | 400 | 75798 | 308 | 90930 | 03 | 5 |
| | 252 | 00 4 | 213 | 93 2 | 156 | 99**5 | | | 03 | 5 |
| 17 | | | | | | | | | | |
| 130 | 643 | 03944 | 618 | 00994 | 581 | 54997 | 570 | 53994 | 02 | 8 |
| | 530 | 55991 | 468 | 63994 | 400 | 70990 | | | 02 | 8 |
| 606 | 461 | 27700 | 438 | 24650 | 262 | 70430 | 238 | 59**0 | 02 | 7 |
| | 223 | 55 0 | 072 | 83 0 | | | | | 02 | 7 |
| 40 | | | | | | | | | | |
| 648 | 371 | 07500 | 118 | 11 0 | | | | | 02 | 2 |
| 42 | | | | | | | | | | |
| 909 | 427 | 58 | 195 | 04 | | | | | 15 | 8 |
| 47 | | | | | | | | | | |
| 401 | 133 | 96998 | 092 | 96990 | 101 | 55*** | | | 03 | 1 |
| 412 | 400 | 65714 | 323 | 74809 | 269 | 83990 | 219 | 92990 | 04 | 1 |
| | 177 | 98995 | 140 | 97995 | 091 | 89999 | 101 | 55*** | 04 | 1 |
| 580 | 265 | 90990 | 153 | 90998 | 112 | 19998 | 010 | 56998 | 03 | 1 |
| 590 | 099 | 02996 | | | | | | | 03 | 1 |
| 600 | 295 | 82995 | 257 | 87999 | 192 | 89990 | 101 | 58*** | 03 | 1 |
| 635 | 101 | 55 | 101 | 68 | | | | | 05 | 1 |
| 744 | 943 | 95990 | | | | | | | 03 | 1 |
| 778 | 085 | 06995 | | | | | | | 03 | 1 |
| 808 | 277 | 84990 | 146 | 10995 | 101 | 59*** | | | 03 | 1 |
| 827 | 125 | 06996 | 078 | 14990 | | | | | 03 | 1 |
| 60 | | | | | | | | | | |
| 390 | 335 | 81895 | 295 | 88953 | | | | | 02 | 8 |
| 61 | | | | | | | | | | |
| 642 | 491 | 55990 | 466 | 57721 | 441 | 59990 | 411 | 64751 | 07 | 5 |
| | 396 | 65741 | 322 | 77835 | 165 | 10**0 | | | 07 | 5 |
| 62 | | | | | | | | | | |
| 366 | 400 | 58 0 | | | | | | | 03 | 5 |
| 70 | | | | | | | | | | |
| 026 | 624 | 55677 | 611 | 56725 | 534 | 63703 | 430 | 74816 | 03 | 1 |
| | 400 | 78875 | 332 | 88007 | 216 | 05998 | 135 | 97990 | 03 | 1 |

## RADIOSONDE AND RAWINSONDE DATA.
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|---|---|---|---|---|---|---|---|---|---|---|
| 133 | 564 | 61775 | 526 | 63689 | 472 | 69734 | 400 | 76866 | 04 | 1 |
| | 324 | 90010 | 229 | 00990 | 065 | 92990 | | | 04 | 1 |
| 219 | 586 | 59654 | 550 | 62654 | 525 | 62652 | 400 | 76791 | 03 | 1 |
| | | | 308 | 90941 | 217 | 07990 | 178 | 00994 | 03 | 1 |
| | 062 | 93997 | | | | | | | 03 | 1 |
| 231 | 185 | 17993 | 158 | 03993 | 090 | 98992 | | | 03 | 1 |
| 261 | 170 | 00995 | 090 | 98991 | 101 | 68*** | 071 | 62*** | 03 | 1 |
| 273 | 321 | 89994 | 190 | 12991 | 174 | 03990 | 087 | 97995 | 03 | 1 |
| 291 | 327 | 89983 | 259 | 01998 | | | | | 03 | 1 |
| 381 | 212 | 09991 | 137 | 01995 | | | | | 03 | 1 |
| 398 | 550 | 59757 | 400 | 76875 | 317 | 89989 | 204 | 11995 | 03 | 1 |
| | 116 | 02996 | 101 | 68 | 069 | 60*** | | | 03 | 1 |
| 454 | 320 | 87995 | 250 | 98991 | 190 | 92998 | 092 | 93997 | 03 | 1 |
| | 101 | 58 | | | | | | | 03 | 1 |
| 485 | 310 | 90990 | 284 | 94996 | 101 | 58*** | | | 03 | 1 |
| 72 | | | | | | | | | | |
| 202 | 225 | 98990 | 094 | | | | | | 03 | 1 |
| 208 | 400 | 65993 | 254 | 89992 | 125 | 23996 | | | 03 | 1 |
| 211 | 101 | 90 | 104 | 34 | | | | | 03 | 1 |
| 219 | 101 | 67070 | 257 | 89005 | 132 | 22993 | 090 | 16996 | 03 | 1 |
| | 077 | 18990 | 062 | 11994 | | | | | 03 | 1 |
| 240 | 400 | 67793 | 324 | 76878 | 258 | 89944 | 164 | 13999 | 03 | 1 |
| 250 | 141 | 21990 | 111 | 25991 | 105 | 24994 | | | 03 | 1 |
| 253 | 400 | 66993 | 167 | 12992 | | | | | 03 | 1 |
| 270 | 149 | 20992 | 123 | 25993 | | | | | 03 | 1 |
| 304 | 686 | 05516 | 608 | 03548 | 562 | 50681 | 448 | 60657 | 03 | 1 |
| | 400 | 65682 | 258 | 88921 | 182 | 10995 | 125 | 22994 | 03 | 1 |
| 353 | 275 | 84964 | 246 | 89991 | 160 | 13992 | 108 | 27990 | 03 | 1 |
| 365 | 109 | 23990 | 079 | 19992 | | | | | 03 | 1 |
| 386 | 115 | 17994 | 088 | 16995 | 101 | 69*** | 301 | 39*** | 03 | 1 |
| 394 | 740 | 11628 | 684 | 03699 | 400 | 74990 | 230 | 02990 | 04 | 1 |
| | 195 | 04996 | 172 | 04994 | | | | | 04 | 1 |
| 405 | 127 | 19993 | 093 | 14993 | | | | | 03 | 1 |
| 451 | 265 | 84959 | 116 | 25999 | 075 | 15992 | | | 03 | 1 |
| 476 | 363 | 74887 | 280 | 88952 | 126 | 17994 | 094 | 14992 | 03 | 1 |
| 486 | 048 | 02998 | | | | | | | 03 | 1 |
| 493 | 081 | 11994 | | | | | | | 03 | 1 |
| 506 | 346 | 77838 | 274 | 90963 | 253 | 90996 | 175 | 0599[illegible] | 03 | 1 |
| 518 | 546 | 54721 | 408 | 73863 | 379 | 74835 | 290 | 90951 | 03 | 1 |
| | 140 | 11998 | 101 | 68 | 006 | 557** | | | 03 | 1 |
| 528 | 363 | 77846 | 318 | 82943 | 266 | 88999 | 181 | 07993 | 03 | 1 |
| 553 | 344 | 73765 | 255 | 88973 | 162 | 13990 | 090 | 19997 | 03 | 1 |
| 576 | 285 | 90990 | 134 | 14991 | 121 | 13990 | | | 03 | 1 |
| 600 | | | 177 | 96996 | 152 | 00999 | 090 | 02991 | 03 | 1 |
| | 101 | 58 | | | | | | | 03 | 1 |
| 606 | 230 | 00990 | 157 | 09990 | 115 | 07994 | | | 03 | 1 |
| 655 | 400 | 66761 | 370 | 69745 | 248 | 90933 | 150 | 14990 | 03 | 1 |
| | 124 | 14990 | 102 | 20990 | 069 | 12993 | | | 03 | 1 |
| 662 | 264 | 89983 | 135 | 15990 | 105 | 16997 | 088 | 09993 | 03 | 1 |
| 681 | 205 | 10992 | 174 | 04998 | 077 | 08993 | | | 03 | 1 |
| 734 | 542 | 54723 | 530 | 52998 | 400 | 68835 | 330 | 79912 | 03 | 1 |
| | 268 | 89990 | 250 | 93997 | | | | | 03 | 1 |
| 747 | 400 | 69738 | 261 | 89934 | 146 | 13993 | 117 | 13998 | 04 | 1 |
| | 096 | 13990 | | | | | | | 04 | 1 |
| 764 | 095 | 11992 | | | | | | | 03 | 1 |
| 768 | 299 | 89994 | 229 | 01996 | 172 | 05993 | | | 03 | 1 |
| 785 | 240 | 04992 | 210 | 07997 | 190 | 05996 | | | 03 | 1 |
| 798 | 368 | 77808 | 188 | 13999 | 158 | 06990 | 091 | 02995 | 03 | 1 |
| 816 | 101 | 55 | | | | | | | 03 | 1 |
| 826 | 651 | 54687 | 624 | 57718 | 614 | 57706 | 586 | 60745 | 03 | 1 |
| | 533 | 63807 | 524 | 66813 | 470 | 70843 | 400 | 79994 | 03 | 1 |
| | 329 | 89994 | 101 | 55 | | | | | 03 | 1 |
| 879 | 101 | 58 | | | | | | | 03 | 1 |
| 896 | 101 | 47 | | | | | | | 03 | 1 |
| 907 | 400 | 76881 | 308 | 90958 | 236 | | | | 03 | 1 |
| | | 03991 | 161 | 01994 | 080 | 02990 | | | 03 | 1 |
| 913 | 463 | 67722 | 400 | 75847 | 297 | 90991 | 245 | 02993 | 03 | 1 |
| | 228 | 04999 | 197 | 98993 | 156 | 98998 | | | 03 | 1 |
| 915 | 204 | 07990 | 147 | 97998 | | | | | 03 | 1 |
| 917 | 250 | 03996 | 229 | 01999 | | | | | 03 | 1 |
| 918 | 164 | 95997 | 087 | 92995 | | | | | 03 | 1 |
| 924 | 090 | 91997 | | | | | | | 03 | 1 |
| 945 | 238 | 02994 | 166 | 94996 | 102 | 94994 | | | 03 | 1 |
| 968 | 224 | 98999 | 073 | 89998 | 101 | 67*** | 014 | 07*** | 02 | 1 |
| 74 | | | | | | | | | | |
| 043 | 450 | 87686 | 443 | 75776 | 400 | 81849 | 235 | 03991 | 03 | 1 |
| | 054 | 93997 | | | | | | | 03 | 1 |
| 074 | 566 | 63711 | 438 | 76807 | 400 | 81891 | 246 | 88000 | 03 | 1 |
| | 274 | 96998 | 240 | 92998 | | | | | 03 | 1 |
| 090 | 238 | 05990 | 158 | 95994 | 130 | 95993 | | | 03 | 1 |
| 188 | 285 | 01996 | 221 | 94998 | 082 | 00994 | 101 | 58*** | 04 | 1 |
| 76 | | | | | | | | | | |
| 491 | 260 | 89999 | 228 | 96993 | 129 | 24999 | | | 02 | 1 |
| 679 | 374 | 70817 | 344 | 75822 | 338 | 76874 | 298 | 81878 | 03 | 1 |
| | 263 | 90932 | 162 | 15990 | | | | | 03 | 1 |
| 78 | | | | | | | | | | |
| 016 | 335 | 78994 | 262 | 90990 | 165 | 17991 | | | 09 | 1 |
| 355 | 596 | 00619 | 548 | 52618 | 471 | 61761 | 400 | 68829 | 03 | 1 |
| 395 | 410 | 66788 | 400 | 66769 | 385 | 69775 | 284 | 84905 | 03 | 1 |
| | 142 | 20990 | | | | | | | 03 | 1 |
| 862 | 467 | 58768 | 436 | 63753 | 400 | 67822 | 262 | 90990 | 03 | 1 |
| | 101 | 58 | | | | | | | 03 | 1 |
| 972 | 101 | 59 | | | | | | | 03 | 1 |
| 91 | | | | | | | | | | |
| 182 | 600 | 04992 | 400 | 66997 | | | | | 03 | 1 |
| 845 | 556 | 03673 | 568 | 00624 | 438 | 62785 | 400 | 66997 | 03 | 1 |
| | 261 | 88993 | 130 | 24992 | 116 | 25991 | | | 03 | 1 |
| 366 | 101 | 55 | | | | | | | 03 | 1 |
| 9LL | | OCEAN | STA | | | | | | | |
| 034 | 075 | 11991 | | | | | | | 03 | 9 |
| 035 | 400 | 71996 | 278 | 90990 | 231 | 98997 | | | 03 | 9 |
| 044 | 101 | 53 | | | | | | | 03 | 9 |
| 053 | 528 | 65707 | 506 | 62646 | 400 | 72754 | 293 | 89920 | 03 | 9 |
| | 204 | 09992 | 116 | 03995 | | | | | 03 | 9 |
| 055 | 285 | 96994 | 150 | 91994 | | | | | 03 | 9 |
| 143 | 290 | 90990 | 235 | 02994 | 101 | 68*** | 035 | 29*** | 03 | 9 |
| 223 | 240 | 78 | 137 | 99 | 113 | 07*** | 087 | 07*** | 02 | 1 |
| 235 | 091 | 05 | | | | | | | 02 | 9 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 01 | | | | | | | | | | |
| 001 | 688 | 50574 | 610 | 55671 | 439 | 70801 | 400 | 75846 | 03 | 8 |
| | 388 | 76852 | 263 | 98993 | | | | | 03 | 8 |
| 384 | 186 | 02 | 161 | 04 | | | | | 03 | 5 |
| 415 | 217 | 09993 | 196 | 10999 | 162 | 06990 | | | 03 | 8 |
| 02 | | | | | | | | | | |
| 057 | 520 | 60697 | 555 | 68745 | 797 | 5818* | 338 | 3882* | 03 | 8 |
| | 287 | 90959 | | | | | | | 03 | 8 |
| 077 | 720 | 50617 | 695 | 01522 | 650 | 53554 | 622 | 53581 | 03 | 8 |
| | 573 | 56634 | 485 | 65713 | 396 | 97481 | 370 | 79852 | 03 | 8 |
| | 333 | 83907 | 289 | 93995 | 275 | 93999 | 263 | 95997 | 03 | 8 |
| 084 | 165 | 96999 | 114 | 97995 | 102 | 95995 | 096 | 96998 | 03 | 8 |
| | 077 | 97994 | 031 | 89996 | | | | | 03 | 8 |
| 974 | 223 | 01993 | 140 | 97994 | 100 | 98992 | 082 | 07999 | 03 | 8 |
| 03 | | | | | | | | | | |
| 743 | 175 | 45 0 | | | | | | | 02 | 2 |
| 04 | | | | | | | | | | |
| 202 | 101 | 58 | | | | | | | 03 | 1 |
| 06 | | | | | | | | | | |
| 260 | 458 | 69813 | 423 | 73807 | 318 | 88*** | 230 | 99*** | 03 | 8 |
| | 158 | 98 | | | | | | | 03 | 8 |
| 447 | 285 | 96 4 | 252 | 00 4 | 238 | 00000 | 220 | 02**5 | 03 | 8 |
| | 184 | 97 5 | 170 | 99 0 | 145 | 98**3 | | | 03 | 8 |
| 610 | 327 | 86966 | 272 | 94 4 | 226 | 98**0 | 214 | 96**1 | 05 | 5 |
| | 194 | 96 7 | | | | | | | 05 | 5 |
| 07 | | | | | | | | | | |
| 110 | 704 | 01611 | 635 | 52641 | 580 | 58710 | 400 | 77899 | 02 | 5 |
| | 295 | 97 0 | 265 | 01 0 | 244 | 02**1 | | | 02 | 5 |
| 145 | 400 | 79855 | 351 | 85912 | 280 | 97**4 | 252 | 05**4 | 02 | 8 |
| | 222 | 05 7 | 180 | 00 7 | 116 | 07**7 | | | 02 | 8 |
| 190 | 488 | 68826 | 404 | 78891 | 306 | 90**0 | 279 | 04*** | 02 | 8 |
| | 173 | 98 4 | 147 | 99 4 | 079 | 05**0 | | | 02 | 8 |
| 480 | 500 | 62685 | 334 | 87930 | 264 | 98**1 | 225 | 98**0 | 02 | 8 |
| | 209 | 01 1 | 127 | 01 4 | 080 | 10**0 | | | 02 | 8 |
| 510 | 556 | 57694 | 500 | 67771 | 435 | 71819 | 392 | 78888 | 02 | 5 |
| | 353 | 83921 | 311 | 90892 | 281 | 96**0 | | | 02 | 5 |
| 645 | 705 | 04517 | 660 | 01546 | 622 | 51570 | 590 | 53598 | 02 | 5 |
| | 514 | 59655 | 488 | 62685 | | | | | 02 | 5 |
| 08 | | | | | | | | | | |
| 509 | 436 | 66751 | 400 | 71741 | 293 | 90904 | 220 | 05990 | 03 | 1 |
| | 101 | 55 | | | | | | | 03 | 1 |
| 521 | 146 | 03991 | 088 | 09992 | 066 | 10992 | 060 | 05993 | 14 | 8 |
| | 040 | 04995 | | | | | | | 14 | 8 |
| 536 | 122 | 06995 | 063 | 00998 | | | | | 14 | 8 |
| 10 | | | | | | | | | | |
| 384 | 415 | 28845 | 400 | 79824 | 334 | 89966 | 225 | 95996 | 03 | 5 |
| | 177 | 93999 | 096 | 98999 | 076 | 97995 | | | 03 | 5 |
| 633 | 302 | 94990 | 248 | 01991 | 198 | 95996 | 135 | 00996 | 03 | 5 |
| | 085 | 97996 | | | | | | | 03 | 5 |
| 866 | 366 | 79847 | 312 | 90961 | 250 | 02993 | | | 03 | 5 |
| 11 | | | | | | | | | | |
| 030 | 150 | 02 2 | 114 | 04 5 | | | | | 03 | 5 |
| 17 | | | | | | | | | | |
| 130 | 646 | 05990 | 606 | 01987 | 400 | 74991 | | | 02 | 8 |
| 40 | | | | | | | | | | |
| 427 | 425 | 06800 | 370 | 08770 | 368 | 08770 | 161 | 30**0 | 14 | 2 |
| | 140 | 21 0 | 127 | 10 0 | | | | | 14 | 2 |
| 648 | 092 | 94 0 | 085 | 92 0 | 079 | 92**0 | 065 | 11**0 | 14 | 2 |
| 42 | | | | | | | | | | |
| 339 | 148 | 29 | 140 | 29 | | | | | 15 | 8 |
| 47 | | | | | | | | | | |
| 401 | 141 | 00997 | 101 | 47 | | | | | 03 | 1 |
| 412 | 379 | 65768 | 265 | 87999 | | | | | 03 | 1 |
| 580 | 233 | 93998 | 101 | 59 | | | | | 03 | 1 |
| 590 | 101 | 58 | | | | | | | 03 | 1 |
| 600 | 269 | 83991 | 212 | 89993 | 139 | 96991 | 093 | 98998 | 03 | 1 |
| | 101 | 58 | | | | | | | 03 | 1 |
| 635 | 269 | 90990 | 245 | 95995 | 227 | 95995 | 135 | 12993 | 03 | 1 |
| | 069 | 13990 | | | | | | | 03 | 1 |
| 646 | 221 | 95997 | 152 | 01995 | 127 | 01995 | 105 | 98998 | 03 | 1 |
| | 080 | 09990 | | | | | | | 03 | 1 |
| 744 | 240 | 85941 | 160 | 05990 | 125 | 10798 | 073 | 11998 | 04 | 1 |
| | 067 | 01991 | | | | | | | 04 | 1 |
| 778 | 109 | 11996 | 101 | 58 | | | | | 03 | 1 |
| 808 | 110 | 06998 | 101 | 59 | | | | | 03 | 1 |
| 827 | 409 | 64692 | 337 | 69745 | 283 | 82885 | 181 | 98997 | 05 | 1 |
| | 129 | 11998 | 092 | 16993 | 079 | 15990 | | | 05 | 1 |



## RADIOSONDE AND RAWINSONDE DATA.
## SIGNIFICANT LEVELS

| Index No. iii | 1st. 5th. etc. Level PPP | TTTTT ddx | 2nd. 6th. etc. Level PPP | TTTTT ddx | 3rd. 7th. etc. Level PPP | TTTTT ddx | 4th. 8th. etc. Level PPP | TTTTT ddx | Hour GG | Code Type |
|---|---|---|---|---|---|---|---|---|---|---|
| 931 | 400 | 63701 | 101 | 47 | | | | | 03 | 1 |
| 60 | | | | | | | | | | |
| 155 | 716 | 13583 | 667 | 09634 | 560 | 53721 | 544 | 54721 | 02 | 8 |
| | 510 | 61765 | 469 | 64771 | 458 | 66780 | 416 | 69819 | 02 | 8 |
| | 380 | 75875 | 300 | 84969 | 253 | 90**0 | 228 | 91**0 | 02 | 8 |
| | 192 | 99 4 | 194 | 06 4 | | | | | 02 | 8 |
| 390 | 552 | 54684 | 500 | 62703 | 436 | 68789 | 405 | 78807 | 02 | 8 |
| | 400 | 70721 | 352 | 76922 | 258 | 89023 | | | 02 | 8 |
| 570 | 458 | 69876 | 432 | 69901 | 367 | 76976 | 243 | 94111 | 02 | 5 |
| | 209 | 04110 | 189 | 05114 | | | | | 02 | 5 |
| | 399 | 73997 | 307 | 76015 | 243 | 94**0 | 208 | 04**0 | 02 | 5 |
| 61 | | | | | | | | | | |
| 642 | 462 | 59603 | 418 | 64643 | 266 | 88883 | 211 | 99**7 | 07 | 5 |
| | 133 | 19 0 | 108 | 21 0 | 097 | 16**1 | | | 07 | 5 |
| 62 | | | | | | | | | | |
| 011 | 400 | 67990 | 262 | 90990 | 101 | 55*** | | | 09 | 5 |
| 70 | | | | | | | | | | |
| 026 | 544 | 64743 | 429 | 74840 | 400 | 78852 | | | 03 | 1 |
| 231 | 400 | 78853 | 313 | 90001 | 210 | 09994 | 158 | 00994 | 03 | 1 |
| 261 | 196 | 11993 | 183 | 03990 | 141 | 01990 | | | 03 | 1 |
| 273 | 206 | 09996 | 118 | 00990 | | | | | 03 | 1 |
| 291 | 316 | 90990 | 137 | 02995 | | | | | 03 | 1 |
| 350 | 050 | 96990 | | | | | | | 04 | 1 |
| 361 | 529 | 62801 | 400 | 88991 | | | | | 03 | 1 |
| 381 | 563 | 59725 | 538 | 60774 | 400 | 77870 | 332 | 87975 | 03 | 1 |
| | 207 | 09990 | 166 | 98999 | 081 | 97999 | | | 03 | 1 |
| 485 | 315 | 90990 | 262 | 98996 | 220 | 98996 | 163 | 95991 | 03 | 1 |
| | 101 | 55 | | | | | | | 03 | 1 |
| 72 | | | | | | | | | | |
| 202 | 130 | 23990 | | | | | | | 03 | 1 |
| 208 | 088 | 20995 | | | | | | | 03 | 1 |
| 211 | 101 | 90 | 104 | 55 | | | | | 03 | 1 |
| 219 | 277 | 84965 | 253 | 89997 | 125 | 24993 | 115 | 23993 | 03 | 1 |
| 240 | 125 | 23998 | 108 | 20993 | | | | | 03 | 1 |
| 250 | 631 | 04504 | 541 | 52555 | 400 | 65729 | 338 | 75802 | 03 | 1 |
| | 270 | 89983 | 147 | 17991 | | | | | 03 | 1 |
| 253 | 294 | 83883 | | | | | | | 03 | 1 |
| 265 | 464 | 59633 | 438 | 62774 | 400 | 66735 | 377 | 68767 | 03 | 1 |
| | 364 | 70844 | 255 | 89972 | 138 | 23992 | 125 | 23990 | 03 | 1 |
| 270 | 420 | 64684 | 400 | 66708 | 256 | 90940 | 130 | 23991 | 04 | 1 |
| 304 | 510 | 55701 | 400 | 67999 | 367 | 70994 | 270 | 89996 | 03 | 1 |
| | 222 | 98999 | | | | | | | 03 | 1 |
| 327 | 112 | 23993 | | | | | | | 03 | 1 |
| 340 | 415 | 63755 | 400 | 65806 | 339 | 73871 | 248 | 90990 | 04 | 1 |
| | 132 | 19996 | | | | | | | 04 | 1 |
| 394 | 183 | 02996 | 096 | 17990 | 070 | 13999 | | | 03 | 1 |
| 405 | 612 | 01543 | 535 | 53747 | 400 | 66838 | 273 | 87986 | 03 | 1 |
| | 157 | 14990 | 106 | 18997 | 048 | 06997 | | | 03 | 1 |
| 451 | 115 | 26991 | | | | | | | 03 | 1 |
| 476 | 142 | 15990 | 118 | 19990 | | | | | 03 | 1 |
| 493 | 072 | 11995 | | | | | | | 03 | 1 |
| 506 | 418 | 72833 | 400 | 74874 | 101 | 69052 | | | 03 | 1 |
| 518 | 285 | 90990 | 182 | 09992 | 170 | 07992 | 082 | 13997 | 03 | 1 |
| | 067 | 12991 | 101 | 68075 | | | | | 03 | 1 |
| 528 | 469 | 58995 | 400 | 67995 | 101 | 68*** | 047 | 38*** | 03 | 1 |
| | 377 | 70819 | 302 | 81934 | | | | | 03 | 1 |
| 536 | 355 | 73866 | 338 | 76815 | 266 | 88983 | 146 | 18997 | 03 | 1 |
| | 117 | 21996 | 115 | 20995 | | | | | 03 | 1 |
| 562 | 303 | 79916 | 259 | 90990 | 122 | 27998 | | | 03 | 1 |
| 597 | 230 | 06995 | 199 | 11999 | 154 | 06994 | | | 03 | 1 |
| 606 | 400 | 75865 | 326 | 86971 | 304 | 89999 | 192 | 08999 | 03 | 1 |
| | 172 | 04993 | 116 | 12994 | 114 | 11995 | | | 03 | 1 |
| 655 | 336 | 74785 | 248 | 90000 | 217 | 98991 | | | 03 | 1 |
| 662 | 171 | 07996 | 110 | 16996 | 086 | 12993 | | | 03 | 1 |
| 734 | 640 | 04508 | 620 | 03535 | 596 | 02670 | 562 | 01997 | 03 | 1 |
| | 542 | 00682 | 537 | 50614 | 400 | 66791 | 381 | 70794 | 03 | 1 |
| | 286 | 83928 | 253 | 8994 | 158 | 12992 | | | 03 | 1 |
| 747 | 400 | 70811 | 317 | 79838 | 269 | 89939 | 152 | 11993 | 03 | 1 |
| | 120 | 11993 | | | | | | | 03 | 1 |
| 764 | 400 | 73878 | 370 | 78914 | 283 | 90990 | 142 | 11994 | 03 | 1 |
| | 092 | 13995 | | | | | | | 03 | 1 |
| 775 | 400 | 73867 | 314 | 88983 | 238 | 04992 | 187 | 12991 | 03 | 1 |
| | 176 | 07991 | 044 | 02999 | | | | | 03 | 1 |
| 785 | 198 | 09996 | | | | | | | 03 | 1 |
| 798 | 666 | 01571 | 619 | 51608 | 613 | 52661 | 548 | 58654 | 03 | 1 |
| | 400 | 74789 | 307 | 89931 | 197 | 09998 | 118 | 03996 | 03 | 1 |
| 807 | 354 | 74991 | 290 | 83996 | | | | | 02 | 1 |
| 815 | 101 | 55 | | | | | | | 03 | 1 |
| 816 | 210 | 95994 | 100 | 98994 | 101 | 58*** | | | 03 | 1 |
| 826 | 474 | 62990 | 400 | 70991 | 344 | 79994 | | | 03 | 1 |
| 836 | 566 | 54578 | 400 | 69762 | 156 | 04999 | 119 | 07996 | 03 | 1 |
| | 076 | 04991 | 101 | 58 | | | | | 03 | 1 |
| 867 | 400 | 76803 | 276 | 98990 | 219 | 93990 | 120 | 98990 | 03 | 1 |
| | 079 | 00996 | | | | | | | 03 | 1 |
| 879 | 230 | 04997 | 186 | 03990 | 097 | 98997 | 101 | 58*** | 03 | 1 |
| 896 | 101 | 47 | | | | | | | 03 | 1 |
| 906 | 457 | 70726 | 426 | 73847 | 400 | 77992 | 304 | 90990 | 03 | 1 |
| | 250 | 02998 | 101 | 58 | | | | | 03 | 1 |
| 907 | 208 | 90973 | 250 | 01991 | 207 | 05994 | 175 | 01991 | 03 | 1 |
| | 320 | 90990 | 251 | 01997 | 229 | 03994 | | | 03 | 1 |
| 909 | 215 | 02994 | 166 | 97997 | 154 | 98990 | 101 | 58*** | 03 | 1 |
| 913 | 556 | 63702 | 453 | 72836 | 400 | 80991 | 355 | 86954 | 03 | 1 |
| | 329 | 90973 | 254 | 03991 | 219 | 94997 | 083 | 97990 | 03 | 1 |
| 915 | 427 | 78884 | 400 | 81994 | 255 | 02998 | 210 | 94997 | 03 | 1 |
| | 066 | 95995 | 9 9 | 56628 | | | | | 03 | 1 |
| 918 | 066 | 93993 | | | | | | | 03 | 1 |
| 934 | 238 | 04992 | 075 | 95997 | 101 | 58*** | | | 03 | 1 |
| 945 | 459 | 68736 | 400 | 76812 | 308 | 89957 | 222 | 01995 | 03 | 1 |
| | 169 | 92996 | 078 | 90997 | 101 | 58*** | | | 03 | 1 |
| 968 | 051 | 88994 | 101 | 58 | | | | | 03 | 1 |
| 74 | | | | | | | | | | |
| 043 | 485 | 69784 | 430 | 74886 | 400 | 79906 | 228 | 09998 | 03 | 1 |
| | 057 | 93993 | | | | | | | 03 | 1 |
| 074 | 553 | 67764 | 529 | 70752 | 453 | 78812 | 101 | 58*** | 03 | 1 |
| 090 | 433 | 78865 | 400 | 81872 | 330 | 90962 | 211 | 09993 | 03 | 1 |
| | 156 | 96998 | 095 | 93992 | | | | | 03 | 1 |
| 109 | 400 | 70803 | 262 | 93999 | 101 | 55*** | | | 03 | 1 |
| 76 | | | | | | | | | | |
| 458 | 581 | 53654 | 513 | 54633 | 486 | 56734 | 400 | 66699 | 02 | 1 |
| | 258 | 99991 | 100 | 29990 | 084 | 25992 | | | 02 | 1 |
| 491 | 570 | 50672 | 518 | | 467 | 60629 | 438 | 62676 | 02 | 1 |
| | 421 | 63776 | 400 | 66995 | 160 | 90990 | 144 | 10995 | 02 | 1 |
| | 115 | 24999 | 106 | 21996 | 098 | 23195 | | | 02 | 1 |
| 644 | 271 | 88921 | 175 | 13990 | | | | | 02 | 1 |
| 679 | 264 | 89966 | 138 | 93994 | | | | | 03 | 1 |
| 78 | | | | | | | | | | |
| 016 | 150 | 17997 | | | | | | | 03 | 1 |
| 91 | | | | | | | | | | |
| 066 | 435 | 64758 | 400 | 68812 | 330 | 78997 | 270 | 90990 | 03 | 1 |
| | 150 | 14990 | 110 | 09990 | 071 | 10995 | 101 | 68*** | 03 | 1 |
| | 003 | 30 | 789 | 97 | | | | | 03 | 1 |
| 182 | 455 | 59741 | 400 | 66804 | 262 | 90970 | 132 | 19993 | 03 | 1 |
| | 115 | 18998 | 025 | 97990 | | | | | 03 | 1 |
| 215 | 090 | 21992 | 101 | 58 | | | | | 03 | 1 |
| 98 | | | | | | | | | | |
| 645 | 088 | 21996 | 059 | 23994 | | | | | 03 | 8 |
| 9LL | | OCEAN | STA | | | | | | | |
| 034 | 041 | 05996 | | | | | | | 03 | 9 |
| 053 | 400 | 71741 | 285 | 88912 | 190 | 09997 | 137 | 04993 | 03 | 9 |
| 133 | 127 | 16998 | 986 | 15995 | | | | | 03 | 9 |
| 143 | 248 | 00990 | 220 | 96992 | 108 | 01992 | 103 | 00997 | 03 | 9 |
| | 101 | 68 | 040 | 37 | | | | | 03 | 9 |
| 144 | 217 | 04992 | 020 | 92995 | | | | | 03 | 9 |
| 223 | 105 | 08 | | | | | | | 02 | 1 |
| 360 | 652 | 51603 | 608 | 51628 | 400 | 75843 | 185 | 12*** | 03 | 5 |
| | 150 | 04 | | | | | | | 03 | 5 |

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| Index No. iii | 1st. 5th. etc. Level PPP | TTTTT ddx | 2nd. 6th. etc. Level PPP | TTTTT ddx | 3rd. 7th. etc. Level PPP | TTTTT ddx | 4th. 8th. etc. Level PPP | TTTTT ddx | Hour GG | Code Type |
|---|---|---|---|---|---|---|---|---|---|---|
| 01 | | | | | | | | | | |
| 030 | 140 | 01 4 | | | | | | | 03 | 8 |
| 384 | 400 | 72762 | 226 | 06096 | | | | | 03 | 5 |
| 415 | 190 | 21990 | 150 | 14997 | | | | | 03 | 8 |
| 02 | | | | | | | | | | |
| 077 | 092 | 98999 | 050 | 95998 | | | | | 03 | 5 |
| 084 | 207 | 07992 | 200 | 06991 | | | | | 03 | 8 |
| 974 | 557 | 57632 | 289 | 60669 | 507 | 61695 | 471 | 67753 | 03 | 2 |
| | 439 | 69775 | 232 | 04996 | 160 | 03999 | 134 | 05999 | 03 | 2 |
| | 109 | 01992 | 101 | 03991 | 093 | 03990 | | | 03 | 2 |
| 03 | | | | | | | | | | |
| 171 | 160 | 17 0 | | | | | | | 02 | 7 |
| 476 | 046 | 33 0 | | | | | | | 02 | 2 |
| 953 | 137 | 33 0 | 115 | 29 0 | 065 | 29**0 | | | 03 | 2 |
| 04 | | | | | | | | | | |
| 018 | 257 | 90990 | 194 | 89998 | | | | | 03 | 1 |
| 231 | 332 | 90983 | 265 | 01995 | 231 | 01995 | | | 03 | 1 |
| | 168 | 94996 | | 97996 | 072 | 96991 | | | 03 | 1 |
| 270 | 327 | 90981 | 230 | 04995 | 184 | 96992 | 146 | 94995 | 03 | 1 |
| | 095 | 98992 | 101 | 58 | | | | | 03 | 1 |
| 360 | 215 | 90999 | 134 | 93999 | | | | | 03 | 5 |
| 06 | | | | | | | | | | |
| 180 | 162 | 98999 | 141 | 01992 | 067 | 98999 | 039 | 93997 | 03 | 5 |
| 260 | 483 | 64736 | 430 | 70802 | 400 | 74793 | 385 | 76*** | 03 | 8 |
| | 312 | 86 | 258 | 96 | | | | | 03 | 8 |
| 07 | | | | | | | | | | |
| 110 | 700 | 03574 | 675 | 02594 | 567 | 58717 | 538 | 61740 | 02 | 5 |
| | 480 | 66797 | 386 | 81934 | 318 | 92**4 | | | 02 | 5 |
| 145 | 595 | 57762 | 580 | 59782 | 520 | 62818 | 468 | 68864 | 02 | 8 |
| | 282 | 75928 | 254 | 77947 | 214 | 88024 | | | 02 | 8 |
| 190 | 565 | 60683 | 504 | 64739 | 474 | 69774 | 445 | 7078* | 02 | 8 |
| | 358 | 84937 | 125 | 07 1 | 038 | 03**7 | | | 02 | 8 |
| 480 | 268 | 94 4 | | | | | | | 02 | 8 |
| 510 | 380 | 80938 | 306 | 90023 | 245 | 98**7 | 220 | 01**1 | 02 | 5 |
| | 189 | 01 4 | 110 | 06 7 | 084 | 12**7 | | | 02 | 5 |
| 645 | 630 | 00533 | 600 | 52553 | 570 | 54582 | 540 | 58622 | 02 | 5 |
| | 456 | 64692 | 426 | 67734 | | | | | 02 | 5 |
| 08 | | | | | | | | | | |
| 509 | 280 | 90901 | 169 | 16994 | 103 | 12993 | | | 03 | 1 |
| 521 | 400 | 78903 | 214 | 01999 | 190 | 00990 | 163 | 06991 | 14 | 8 |
| | 145 | 03996 | 115 | 07997 | 092 | 09994 | | | 14 | 8 |
| 536 | 046 | 03994 | | | | | | | 14 | 8 |
| 10 | | | | | | | | | | |
| 338 | | | 175 | 46 0 | | | | | 02 | 2 |
| 384 | 225 | 97997 | 110 | 98999 | | | | | 03 | 5 |
| 633 | 320 | 90950 | 276 | 95998 | 250 | 05998 | 220 | 98990 | 03 | 5 |
| | 184 | 96990 | 110 | 01998 | 035 | 89994 | | | 03 | 5 |
| 866 | 232 | 98990 | 225 | 97992 | 193 | 96990 | 125 | 03992 | 03 | 5 |
| | 096 | 04992 | 078 | 04990 | | | | | 03 | 5 |
| 11 | | | | | | | | | | |
| 030 | 340 | 90941 | 280 | 97 3 | 240 | 94**6 | 075 | 02**5 | 03 | 5 |

## RADIOSONDE AND RAWINSONDE DATA.
## SIGNIFICANT LEVELS

| Index No. iii | 1st. 5th. etc. Level PPP | TTTTT ddx | 2nd. 6th. etc. Level PPP | TTTTT ddx | 3rd. 7th. etc. Level PPP | TTTTT ddx | 4th. 8th. etc. Level PPP | TTTTT ddx | Hour GG | Code Type |
|---|---|---|---|---|---|---|---|---|---|---|
| 17 | | | | | | | | | | |
| 606 | 213 | 53 0 | 138 | 18 0 | | | | | 02 | 7 |
| 40 | | | | | | | | | | |
| 427 | 437 | 19970 | 425 | 13840 | 515 | 16810 | 374 | 05860 | 14 | 2 |
| | 357 | 03830 | 232 | 60 0 | 162 | 24**0 | 140 | 13**0 | 14 | 2 |
| | 120 | 99 0 | 073 | 95 0 | | | | | 14 | 2 |
| 648 | 515 | 30670 | 468 | 22610 | 415 | 14550 | 377 | 03470 | 02 | 2 |
| | 358 | 01440 | 303 | 86950 | 277 | 82420 | 146 | 26**0 | 02 | 2 |
| | 093 | 00 0 | 089 | 99 0 | 079 | 93**0 | | | 02 | 2 |
| 42 | | | | | | | | | | |
| 182 | 266 | 84 | 100 | 20 | | | | | 15 | 8 |
| 47 | | | | | | | | | | |
| 401 | 101 | 58 | | | | | | | 03 | 1 |
| 412 | 400 | 70802 | 347 | 76864 | 251 | 91992 | 212 | 96996 | 03 | 1 |
| | 169 | 99992 | 111 | 02993 | 093 | 04994 | 065 | 03998 | 03 | 1 |
| | 101 | 47 | | | | | | | 03 | 1 |
| 580 | 350 | 73992 | 275 | 90990 | 115 | 16999 | 070 | 11993 | 03 | 1 |
| | 044 | 98990 | | | | | | | 03 | 1 |
| 590 | 400 | 65771 | 261 | 84990 | 159 | 99993 | 064 | 01997 | 03 | 1 |
| | 043 | 00993 | | | | | | | 03 | 1 |
| 600 | 179 | 04998 | 139 | 11991 | 092 | 14993 | 101 | 58*** | 03 | 1 |
| 635 | 249 | 90990 | 190 | 02991 | 135 | 14992 | 101 | 58*** | 04 | 1 |
| 646 | 121 | 10997 | 061 | 06993 | | | | | 03 | 1 |
| 671 | 585 | 04661 | 455 | 56727 | 400 | 64731 | 377 | 66703 | 03 | 1 |
| | 327 | 73832 | 250 | 87952 | 190 | 01990 | 132 | 10993 | 03 | 1 |
| | 092 | 07998 | 101 | 58 | | | | | 03 | 1 |
| 744 | 260 | 78803 | 229 | 82995 | 169 | 94995 | | | 03 | 1 |
| 808 | 335 | 69811 | 247 | 83851 | 192 | 03994 | 134 | 07995 | 03 | 1 |
| | 101 | 59 | | | | | | | 03 | 1 |
| 827 | 149 | 07995 | 103 | 14992 | 101 | 58*** | | | 03 | 1 |
| 60 | | | | | | | | | | |
| 155 | 732 | 09017 | 664 | 04522 | 572 | 55579 | 560 | 55569 | 02 | 5 |
| | 542 | 56578 | 510 | 59608 | 468 | 64645 | 448 | 65659 | 02 | 5 |
| | 324 | 82820 | 400 | 83854 | 333 | 99110 | 210 | 01**0 | 02 | 5 |
| | 177 | 05 4 | 151 | 08 0 | | | | | 02 | 5 |
| 390 | 852 | 25019 | 819 | 24512 | 760 | 19661 | 717 | 13731 | 02 | 8 |
| | 693 | 11762 | 578 | 54864 | 546 | 57837 | | | 02 | 8 |
| | 434 | 72931 | 425 | 71916 | 386 | 74971 | 346 | 81023 | 02 | 8 |
| | 253 | 93 4 | 225 | 05 4 | 182 | 08**7 | 142 | 15**1 | 02 | 8 |
| 570 | 399 | 76991 | 337 | 86072 | 290 | 90111 | 204 | 07111 | 02 | 5 |
| | 177 | 11114 | 148 | 14114 | | | | | 02 | 5 |
| | 399 | 76031 | 336 | 76112 | 290 | 90**1 | 233 | | 02 | 5 |
| | 211 | 04 7 | 204 | 07 0 | 177 | 11**4 | 148 | 14**4 | 02 | 5 |
| 715 | 732 | 09017 | 665 | 04522 | 572 | 55577 | 560 | 55569 | 02 | 8 |
| | 542 | 56578 | 510 | 59608 | 468 | 64645 | 448 | 65659 | 02 | 8 |
| | 304 | 82820 | 300 | 83835 | 233 | 09**0 | 200 | 01**1 | 02 | 8 |
| | 177 | 05 4 | 152 | 08 0 | | | | | 02 | 8 |
| 61 | | | | | | | | | | |
| 642 | 421 | 66674 | 347 | 77779 | 288 | 87883 | | | 07 | 8 |
| 70 | | | | | | | | | | |
| 026 | | | 343 | 90001 | 260 | 98999 | | | 03 | 1 |
| 231 | 520 | 66725 | 455 | 73772 | 400 | 79874 | 333 | 87977 | 03 | 1 |
| | 207 | 10990 | 180 | 05990 | | | | | 03 | 1 |
| 261 | 400 | 79912 | 366 | 83985 | 320 | 90990 | 184 | 02997 | 03 | 1 |
| | 122 | 01993 | | | | | | | 03 | 1 |
| 273 | 400 | 78889 | 330 | 89980 | 216 | 09990 | 125 | 00990 | 03 | 1 |
| 350 | 328 | 90990 | 227 | 06996 | 169 | 98993 | 126 | 98995 | 03 | 1 |
| 381 | 338 | 88913 | 221 | 05990 | 095 | 97990 | 101 | 69*** | 03 | 1 |
| | 011 | 91 | | | | | | | 03 | 1 |
| 409 | 222 | 03995 | 110 | 97990 | | | | | 03 | 1 |
| 72 | | | | | | | | | | |
| 202 | 400 | 66793 | 270 | 89001 | 141 | 17996 | | | 03 | 1 |
| 208 | 535 | 50584 | 400 | 66824 | 273 | 87965 | 210 | 01990 | 03 | 1 |
| 211 | 524 | 54571 | 468 | 58682 | 452 | 60676 | 428 | 61765 | 03 | 1 |
| | 400 | 65787 | 270 | 89952 | 158 | 18996 | 126 | 25998 | 03 | 1 |
| | 065 | 12994 | | | | | | | 03 | 1 |
| 219 | 281 | 83958 | 252 | 89998 | 123 | 24990 | 085 | 18993 | 03 | 1 |
| 253 | 190 | 04998 | | | | | | | 03 | 1 |
| 265 | 339 | 76999 | 265 | 90990 | 152 | 16998 | 105 | 23997 | 03 | 1 |
| | 064 | 14990 | | | | | | | 03 | 1 |
| 304 | 085 | 19996 | | | | | | | 04 | 1 |
| 317 | 118 | 21999 | | | | | | | 03 | 1 |
| 340 | 251 | 89999 | 124 | 24998 | 080 | 20993 | | | 03 | 1 |
| 353 | 255 | 89996 | 114 | 25995 | 090 | 20995 | | | 03 | 1 |
| 365 | 360 | 71785 | 308 | 79886 | 256 | 89992 | 161 | 14991 | 03 | 1 |
| | 101 | 68 | 031 | 26 | | | | | 03 | 1 |
| 386 | 147 | 11998 | 102 | 20992 | 092 | 19999 | | | 04 | 1 |
| 394 | 400 | 70994 | 241 | 97994 | 210 | 00992 | | | 03 | 1 |
| 405 | 400 | 66732 | 356 | 72771 | 248 | 89966 | 128 | 21997 | 03 | 1 |
| 451 | 160 | 14995 | | | | | | | 03 | 1 |
| 486 | 061 | 08998 | | | | | | | 03 | 1 |
| 493 | 230 | 01990 | 094 | 15996 | 073 | 14996 | | | 03 | 1 |
| 506 | 400 | 68747 | 277 | 87922 | 161 | 14996 | 143 | 13993 | 03 | 1 |
| | 120 | 17992 | 094 | 13990 | | | | | 03 | 1 |
| 518 | 101 | 68 | 001 | 71 | | | | | 03 | 1 |
| 534 | 400 | 65741 | 374 | 69733 | 354 | 70789 | 388 | 74798 | 03 | 1 |
| | 248 | 90972 | 135 | 20998 | 114 | 23990 | 082 | 16991 | 03 | 1 |
| 536 | 136 | 20993 | 115 | 23993 | | | | | 03 | 1 |
| 553 | 370 | 68995 | 307 | 77904 | 250 | 88988 | 115 | 22992 | 03 | 1 |
| | 094 | 18994 | | | | | | | 03 | 1 |
| 597 | 375 | 77908 | 304 | 90990 | 220 | 06992 | 155 | 04995 | 03 | 1 |
| 600 | 133 | 05995 | 101 | 58 | | | | | 03 | 1 |
| 606 | 267 | 89954 | 170 | 11998 | 122 | 18996 | 113 | 17997 | 03 | 1 |
| 655 | 273 | 85998 | 250 | 90990 | 160 | 11995 | 125 | 16995 | 03 | 1 |
| | 080 | 09991 | | | | | | | 03 | 1 |
| 662 | 140 | 11994 | | | | | | | 03 | 1 |
| 681 | 119 | 07992 | | | | | | | 03 | 1 |
| 734 | 400 | 69996 | 248 | 98996 | 233 | 92992 | | | 03 | 1 |
| 747 | 240 | 00996 | 119 | 10991 | | | | | 03 | 1 |
| 768 | 312 | 89992 | 175 | 05998 | 125 | 09995 | | | 03 | 1 |
| 785 | 320 | 85963 | | | | | | | 03 | 1 |
| 798 | 227 | 04997 | 185 | 09993 | 150 | 03990 | 101 | 67*** | 03 | 1 |
| | 098 | 95 | | | | | | | 03 | 1 |
| 815 | 400 | 75813 | | | | | | | 03 | 1 |
| 816 | 400 | 69791 | 308 | 83996 | 101 | 58*** | | | 03 | 1 |
| 836 | 234 | 90006 | 220 | 87989 | 175 | 94995 | 115 | 02995 | 03 | 1 |
| | 101 | 58 | | | | | | | 03 | 1 |
| 867 | 153 | 00993 | 107 | 01993 | | | | | 03 | 1 |
| 879 | 101 | 58 | | | | | | | 03 | 1 |
| 896 | 335 | 88987 | 222 | 07990 | 175 | 02991 | 101 | 47*** | 03 | 1 |
| 906 | 323 | 90922 | 250 | 02998 | 101 | 58*** | | | 03 | 1 |
| 907 | 614 | 58619 | 576 | 60626 | 450 | 72757 | 400 | 79816 | 03 | 1 |
| | 326 | 90923 | 260 | 02997 | 246 | 01997 | 228 | 05991 | 03 | 1 |
| | 175 | 97991 | 138 | 00990 | 060 | 98999 | | | 03 | 1 |
| 909 | 097 | 95997 | 101 | 58 | | | | | 03 | 1 |
| 913 | 666 | 55666 | 619 | 59645 | 586 | 62664 | 447 | 76836 | 03 | 1 |
| | 400 | 82906 | 344 | 90980 | 279 | 98994 | 254 | 50998 | 03 | 1 |
| | 206 | 93990 | 085 | 95991 | | | | | 03 | 1 |
| 918 | 400 | 86981 | 061 | 90995 | | | | | 03 | 1 |
| 924 | 156 | 92990 | | | | | | | 03 | 1 |
| 934 | 221 | 05995 | 184 | 98997 | 090 | 97990 | 101 | 58*** | 03 | 1 |
| 938 | 400 | 74855 | 217 | 03998 | 049 | 89990 | | | 02 | 1 |
| 964 | 185 | 00991 | 159 | 00990 | 101 | 58*** | | | 03 | 1 |
| 74 | | | | | | | | | | |
| 043 | 400 | 78994 | 218 | 09992 | 166 | 01992 | 137 | 01995 | 03 | 1 |
| | 100 | 97995 | | | | | | | 03 | 1 |
| 074 | 538 | 66706 | 512 | 68832 | 400 | 79857 | 328 | 89998 | 03 | 1 |
| 090 | 267 | 00995 | 157 | 89997 | 057 | 91997 | | | 03 | 1 |
| 109 | 718 | 04531 | 600 | 53635 | 548 | 56699 | 435 | 67764 | 03 | 1 |
| | 400 | 72807 | 283 | 89969 | 203 | 03999 | 068 | 96994 | 03 | 1 |
| | 060 | 98999 | 101 | 47 | | | | | 03 | 1 |
| 76 | | | | | | | | | | |
| 458 | 336 | 75823 | 326 | 76866 | 259 | 89977 | 120 | 24998 | 02 | 1 |
| 491 | 441 | 61741 | 416 | 64721 | 400 | 67756 | 364 | 71752 | 02 | 1 |
| | 269 | 88926 | 149 | 07990 | 116 | 22997 | | | 02 | 1 |
| 78 | | | | | | | | | | |
| 501 | 114 | 18997 | 093 | 23990 | 087 | 20996 | | | 03 | 1 |
| 91 | | | | | | | | | | |
| 115 | 348 | 80 9 | 312 | 90990 | 236 | 64997 | 178 | 25990 | 03 | 1 |
| | | 00996 | | | | | | | 03 | 1 |
| 182 | 400 | 66999 | 274 | 90990 | 150 | 11997 | 107 | 25992 | 03 | 1 |
| | 050 | 06996 | | | | | | | 03 | 1 |
| 215 | 180 | 84905 | 255 | 89963 | 112 | 29990 | 101 | 55*** | 03 | 1 |
| 275 | 693 | 09571 | 666 | 10611 | 622 | 07995 | 599 | 08626 | 03 | 1 |
| | 466 | 55701 | 400 | 65796 | 304 | 80992 | 101 | 56*** | 03 | 1 |
| 9LL | | OCEAN | STA | | | | | | | |
| 035 | 168 | 14990 | 147 | 15992 | 134 | 12994 | 108 | 17990 | 03 | 9 |
| | 093 | 15998 | | | | | | | 03 | 9 |
| 041 | 805 | 0710 | 206 | 4742 | | | | | 25 | 8 |
| | 154 | 06 0 | 094 | 08 4 | | | | | 02 | 8 |
| | 582 | | | 65788 | 334 | 92**4 | 246 | 99**4 | 02 | 8 |
| 044 | 101 | 58 | | | | | | | 02 | 9 |
| 051 | 160 | 15 0 | 155 | 14 0 | 142 | 14**0 | 095 | 21**0 | 02 | 7 |
| 055 | 763 | 01551 | 750 | 02708 | 653 | 53734 | 615 | 56655 | 03 | 9 |
| | 600 | 57753 | 415 | 75833 | 400 | 76875 | 322 | 90003 | 03 | 9 |
| | 221 | 07992 | 124 | 98995 | | | | | 03 | 9 |
| 062 | 510 | 07740 | 485 | 06770 | 470 | 06790 | 442 | 03820 | 02 | 2 |
| | 385 | 89750 | 372 | 89750 | 165 | 31**0 | 117 | 39**0 | 02 | 2 |
| | 048 | 43 0 | | | | | | | 02 | 2 |
| 223 | 213 | 86 | 125 | 09 | | | | | 03 | 1 |

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| Index No. iii | 1st. 5th. etc. Level PPP | TTTTT ddx | 2nd. 6th. etc. Level PPP | TTTTT ddx | 3rd. 7th. etc. Level PPP | TTTTT ddx | 4th. 8th. etc. Level PPP | TTTTT ddx | Hour GG | Code Type |
|---|---|---|---|---|---|---|---|---|---|---|
| 01 | | | | | | | | | | |
| 001 | 746 | 51603 | 735 | 57594 | 710 | 58632 | 655 | 63692 | 03 | 8 |
| | 400 | 84947 | 310 | 97057 | 288 | 98998 | | | 03 | 8 |
| 030 | 425 | 87904 | 415 | 87904 | 400 | 89924 | 343 | 96**5 | 03 | 8 |
| | 225 | 91 6 | 182 | 90 0 | 134 | 95**2 | | | 03 | 8 |
| 384 | 530 | 59623 | 487 | 64688 | 472 | 64684 | 400 | 74773 | 03 | 5 |
| | 213 | 08 | 158 | 08 | 082 | 01*** | | | 03 | 5 |
| 415 | 720 | 07015 | 646 | 03547 | 400 | 72793 | 223 | 06081 | 03 | 8 |
| 02 | | | | | | | | | | |
| 057 | 407 | 74803 | | | | | | | 03 | 8 |
| 084 | 470 | 65702 | 457 | 14707 | 360 | 76818 | 220 | 04996 | 03 | 8 |
| 03 | | | | | | | | | | |
| 171 | 420 | 98550 | 195 | 29 0 | | | | | 02 | 7 |
| 04 | | | | | | | | | | |
| 202 | 149 | 73998 | 106 | 93994 | 404 | | | | 03 | 1 |
| 231 | 500 | 75993 | | 08992 | 109 | 01995 | 101 | 58*** | 03 | 1 |
| 360 | 268 | 13300 | 251 | 02990 | 208 | 83990 | 105 | 95990 | 03 | 5 |
| 06 | | | | | | | | | | |
| 011 | 193 | 04992 | 093 | 00999 | 042 | 02992 | 061 | 98991 | 03 | 8 |
| | 042 | 96990 | | | | | | | 03 | 8 |
| 260 | 428 | 68934 | 305 | 88 | 267 | 93*** | 197 | 07*** | 03 | 8 |
| | 187 | 09 | | | | | | | 03 | 8 |
| 610 | 519 | 59713 | 495 | 59722 | 426 | 63722 | 300 | 88987 | 05 | 5 |
| | 247 | 95 4 | 204 | 00 4 | 124 | 03**1 | | | 05 | 5 |
| 07 | | | | | | | | | | |
| 110 | 572 | 56781 | 500 | 64765 | 480 | 64664 | 449 | 68793 | 02 | 5 |
| | 396 | 73854 | 349 | 83933 | 306 | 89991 | | | 02 | 5 |

## RADIOSONDE AND RAWINSONDE DATA.
## SIGNIFICANT LEVELS

| Index No. iii | 1st. 5th. etc. Level PPP | TTTTT ddx | 2nd. 6th. etc. Level PPP | TTTTT ddx | 3rd. 7th. etc. Level PPP | TTTTT ddx | 4th. 8th. etc. Level PPP | TTTTT ddx | Hour GG | Code Type |
|---|---|---|---|---|---|---|---|---|---|---|
| 145 | 600 | 02752 | 564 | 56797 | 541 | 82792 | 446 | 60874 | 02 | 8 |
| | 356 | 77965 | 300 | 85084 | 222 | 02**4 | | | 02 | 8 |
| 190 | 515 | 58688 | 488 | 60701 | 356 | 58873 | 327 | 8297* | 02 | 8 |
| | 207 | 04 0 | 125 | 01 0 | 100 | 07**4 | | | 02 | 8 |
| 480 | 460 | 63729 | 268 | 92 7 | 248 | 93**4 | 190 | 07**0 | 02 | 8 |
| | 152 | 12 4 | 100 | 12 4 | 082 | 10**7 | | | 02 | 8 |
| 510 | 500 | 62671 | 303 | 90950 | 300 | 90**7 | 255 | 98**0 | 02 | 5 |
| | 205 | 04 4 | 140 | 13 0 | 109 | 16**1 | | | 02 | 5 |
| 645 | 690 | 07021 | 633 | 04510 | 554 | 53580 | 524 | 54595 | 02 | 8 |
| | 474 | 59641 | 414 | 69744 | | | | | 02 | 8 |
| 08 | | | | | | | | | | |
| 509 | 464 | 65731 | 400 | 72776 | 293 | 90900 | 165 | 18900 | 03 | 1 |
| | 153 | 17996 | 101 | 55 | | | | | 03 | 1 |
| 521 | 208 | 05995 | 191 | 06994 | 180 | 09995 | 157 | 06991 | 14 | 8 |
| | 086 | 11990 | 066 | 07991 | | | | | 14 | 8 |
| 536 | 096 | 04998 | | | | | | | 14 | 8 |
| 10 | | | | | | | | | | |
| 338 | 175 | 24 0 | 072 | 33 0 | | | | | 02 | 2 |
| 384 | 400 | 72992 | 082 | 91990 | | | | | 03 | 5 |
| 633 | 685 | 05609 | 640 | 02575 | 576 | 51664 | 400 | 69995 | 03 | 5 |
| | 280 | 90990 | 190 | 07991 | 174 | 03994 | 120 | 05996 | 03 | 5 |
| | 080 | 03995 | 051 | 96996 | | | | | 03 | 5 |
| 866 | 506 | 61763 | 488 | 63706 | 400 | 72885 | 291 | 90970 | 03 | 5 |
| | 225 | 01997 | 175 | 05990 | | | | | 03 | 5 |
| 11 | | | | | | | | | | |
| 030 | 330 | 90 0 | 260 | 98 0 | 180 | 98**0 | 144 | 01**0 | 03 | 5 |
| 17 | | | | | | | | | | |
| 130 | | 46980 | | 66742 | | 70816 | 400 | 75851 | 02 | 8 |
| 40 | | | | | | | | | | |
| 427 | 085 | 97 0 | 054 | 98 0 | | | | | 14 | 2 |
| 648 | 424 | 20640 | 214 | 60400 | 145 | 22**0 | 177 | 08**0 | 14 | 2 |
| | 115 | 03 0 | 095 | 98 0 | 066 | 30**0 | 064 | 27**0 | 14 | 2 |
| 47 | | | | | | | | | | |
| 212 | 101 | 55 | | | | | | | 03 | 1 |
| 401 | 127 | 04990 | 115 | 00990 | 037 | 99996 | 101 | 55*** | 03 | 1 |
| 580 | 400 | 63996 | 246 | 88996 | 142 | 31990 | 090 | 23996 | 03 | 1 |
| 600 | 256 | 83990 | 224 | 92994 | 173 | 99997 | 101 | 56*** | 03 | 1 |
| 635 | 097 | 15998 | | | | | | | 03 | 1 |
| 671 | 400 | 62727 | | | | | | | 03 | 1 |
| 744 | 412 | 60742 | 353 | 67809 | 253 | 82994 | 233 | 87995 | 03 | 1 |
| | 101 | 58 | | | | | | | 03 | 1 |
| 778 | 209 | 87995 | 101 | 58 | | | | | 03 | 1 |
| 808 | 400 | 62693 | 378 | 64743 | 365 | 65736 | 332 | 69839 | 03 | 1 |
| | 278 | 76847 | 244 | 83918 | 146 | 07997 | 101 | 59*** | 03 | 1 |
| 60 | | | | | | | | | | |
| 390 | 532 | 65782 | 428 | 68827 | 360 | 79919 | | | 02 | 5 |
| 570 | 324 | 83005 | 301 | 84027 | 228 | 93117 | 206 | 99114 | 02 | 8 |
| | 165 | 03117 | 135 | 11117 | | | | | 02 | 8 |
| 61 | | | | | | | | | | |
| 642 | 496 | 61642 | 447 | 63657 | 358 | 73732 | 139 | 19**1 | 07 | 8 |
| | 112 | 23 1 | | | | | | | 07 | 8 |
| 62 | | | | | | | | | | |
| 011 | 470 | 58997 | 400 | 67995 | 370 | 72990 | | | 03 | 8 |
| | 290 | 83993 | 148 | 12997 | 101 | 58*** | 999 | 62*** | 03 | 8 |
| 70 | | | | | | | | | | |
| 026 | 628 | 58745 | 467 | 71828 | 400 | 80914 | 336 | 90962 | 03 | 1 |
| | 226 | 07994 | 175 | 97993 | | | | | 03 | 1 |
| 133 | 027 | 88992 | | | | | | | 03 | 1 |
| 861 | 095 | 96996 | | | | | | | 03 | 1 |
| 398 | 668 | 51551 | 400 | 77813 | 322 | 90933 | 224 | 08991 | 04 | 1 |
| 72 | | | | | | | | | | |
| 211 | 420 | 64801 | 400 | 67801 | 370 | 72792 | 266 | 89986 | 03 | 1 |
| | 153 | 17994 | 120 | 23998 | 090 | 21991 | | | 03 | 1 |
| 240 | 076 | 16994 | | | | | | | 03 | 1 |
| 253 | 325 | 77882 | 257 | 90983 | 112 | 24994 | | | 03 | 1 |
| 259 | 400 | 64776 | 260 | 85997 | 142 | 14992 | 101 | 58*** | 03 | 1 |
| | 101 | 65 | 081 | 74 | 101 | 69*** | 555 | 05*** | 03 | 1 |
| | 664 | 13 | | | | | | | 03 | 1 |
| 265 | 253 | 89997 | 125 | 20999 | 105 | 21993 | 060 | 12990 | 03 | 1 |
| 278 | 306 | 80844 | | | | | | | 04 | 1 |
| 304 | 567 | 50551 | 542 | 52581 | 530 | 51719 | 437 | 61741 | 03 | 1 |
| | 400 | 65716 | 259 | 88986 | 125 | 23997 | 097 | 23994 | 03 | 1 |
| 353 | 124 | 23992 | 086 | 20990 | | | | | 03 | 1 |
| 394 | 400 | 71994 | 124 | 19997 | | | | | 03 | 1 |
| 405 | 044 | 06994 | | | | | | | 03 | 1 |
| 445 | 522 | 53597 | 486 | 56687 | 467 | 59674 | 439 | 61766 | 03 | 1 |
| | 400 | 66775 | 370 | 70764 | 256 | 90990 | 150 | 19995 | 03 | 1 |
| | 120 | 24995 | 094 | 19997 | | | | | 03 | 1 |
| 493 | 060 | 08998 | | | | | | | 03 | 1 |
| 506 | 266 | 89992 | 167 | 15995 | 142 | 19994 | | | 04 | 1 |
| 528 | 334 | 78927 | 283 | 88998 | 168 | 11997 | | | 03 | 1 |
| 534 | 108 | 20994 | 075 | 14991 | | | | | 03 | 1 |
| 536 | 122 | 22995 | 095 | 17997 | | | | | 04 | 1 |
| 553 | 267 | 89973 | 134 | 19998 | 084 | 12992 | | | 03 | 1 |
| 562 | 504 | 55731 | 447 | 61784 | 408 | 66756 | 347 | 75794 | 03 | 1 |
| | 261 | 90941 | 207 | 04995 | | | | | 03 | 1 |
| 597 | 203 | 08992 | 158 | 06994 | | | | | 03 | 1 |
| 606 | 090 | 09996 | | | | | | | 05 | 1 |
| 655 | 400 | 69751 | 279 | 89933 | 155 | 13998 | 090 | 10993 | 03 | 1 |
| 712 | 160 | 03992 | | | | | | | 03 | 1 |
| 747 | 437 | 68833 | 400 | 73871 | 360 | 79886 | 294 | 90961 | 03 | 1 |
| | 184 | 08994 | 106 | 09994 | 084 | 06996 | | | 03 | 1 |
| 764 | 084 | 07994 | | | | | | | 03 | 1 |
| 768 | 311 | 89993 | 190 | 12995 | 160 | 04990 | 137 | 05992 | 03 | 1 |
| 785 | 400 | 74862 | 314 | 87989 | 206 | 08992 | 137 | 05999 | 03 | 1 |
| 798 | 596 | 54651 | 400 | 75871 | 312 | 88937 | 222 | 06996 | 03 | 1 |
| | 175 | 02997 | | | | | | | 03 | 1 |
| 816 | 400 | 72999 | 292 | 90990 | 209 | 00099 | 110 | 02990 | 03 | 1 |
| | 101 | 58 | | | | | | | 03 | 1 |
| 826 | 250 | 89991 | 210 | 95994 | 245 | 96991 | 232 | 93994 | 03 | 1 |
| | 186 | 92994 | 173 | 94997 | 125 | 94992 | | 96997 | 03 | 1 |
| | 112 | 96991 | 101 | 69 | 993 | 10*** | | | 03 | 1 |
| 879 | 215 | 08993 | 152 | 02990 | 080 | 04991 | 101 | 58*** | 03 | 1 |
| 896 | 175 | 04998 | 168 | 04997 | 101 | 47*** | | | 03 | 1 |
| 906 | 268 | 01997 | 220 | 93996 | 107 | 97990 | 101 | 58*** | 03 | 1 |
| 907 | 511 | 70832 | 400 | 84933 | 360 | 90000 | 410 | 97997 | 03 | 1 |
| | 286 | 00990 | 176 | 93997 | 040 | 95994 | | | 03 | 1 |
| 909 | 101 | 58 | | | | | | | 03 | 1 |
| 913 | 347 | 90970 | 285 | 97990 | 245 | 91999 | 180 | 90991 | 03 | 1 |
| | 160 | 91994 | 122 | 91990 | 067 | 92995 | | | 03 | 1 |
| 915 | 360 | 92993 | | | | | | | 03 | 1 |
| 917 | 332 | 90990 | 228 | 07998 | 222 | 06992 | | | 03 | 1 |
| 918 | 066 | 93995 | | | | | | | 03 | 1 |
| 924 | 085 | 92995 | | | | | | | 03 | 1 |
| 934 | 515 | 65803 | 400 | 77999 | 218 | 08998 | 089 | 96993 | 03 | 1 |
| | 101 | 58 | | | | | | | 03 | 1 |
| 964 | 101 | 58 | 101 | 68 | 070 | 93*** | | | 03 | 1 |
| 968 | 402 | 74908 | 210 | 06996 | 126 | 93990 | 085 | 92990 | 02 | 1 |
| | 101 | 58 | | | | | | | 02 | 1 |
| 74 | | | | | | | | | | |
| 074 | 437 | 75883 | 400 | 79875 | 250 | 04995 | 052 | 90998 | 03 | 1 |
| 090 | 265 | 01990 | 233 | 02998 | 205 | 93993 | | | 03 | 1 |
| 109 | 430 | 70769 | 400 | 75811 | 304 | 88941 | 238 | 02991 | 03 | 1 |
| | 166 | 98886 | 101 | 41 | | | | | 03 | 1 |
| 76 | | | | | | | | | | |
| 491 | 101 | 58 | | | | | | | 02 | 1 |
| 679 | 357 | 72772 | 332 | 86891 | 373 | 86978 | 256 | 90990 | 03 | 1 |
| | 154 | 16999 | | | | | | | 03 | 1 |
| 78 | | | | | | | | | | |
| 501 | 560 | 52701 | 430 | 65814 | 400 | 70993 | 160 | 15996 | 03 | 1 |
| | 085 | 22999 | 055 | 14993 | | | | | 03 | 1 |
| 91 | | | | | | | | | | |
| 066 | 273 | 90990 | 140 | 15993 | 050 | 08992 | | | 03 | 1 |
| 182 | 274 | 90990 | 184 | 05994 | 110 | 23997 | 050 | 03990 | 03 | 1 |
| 215 | 345 | 73990 | 259 | 90990 | 126 | 23999 | 101 | 58*** | 03 | 1 |
| | 101 | 68 | 025 | 12 | | | | | 03 | 1 |
| 245 | 400 | 67728 | 261 | 89008 | 154 | 18993 | | | 03 | 1 |
| 275 | 400 | 62997 | 384 | 64998 | 101 | 58*** | | | 03 | 1 |
| 9LL | | OCEAN | STA | | | | | | | |
| 034 | 075 | 12997 | | | | | | | 03 | 9 |
| 035 | 145 | 09998 | 084 | 16991 | | | | | 03 | 9 |
| 044 | 217 | 01995 | 156 | 01995 | | | | | 03 | 9 |
| 053 | 634 | 54993 | 615 | 56743 | 592 | 58651 | 556 | 61661 | 03 | 9 |
| | 520 | 63723 | 504 | 63798 | 400 | 76821 | 366 | 81855 | 03 | 9 |
| | 227 | 03999 | 214 | 02991 | 143 | 01996 | | | 03 | 9 |
| 054 | 181 | 00990 | 065 | 05992 | 051 | 01995 | | | 03 | 9 |
| 055 | 101 | 47 | | | | | | | 03 | 9 |
| 063 | 522 | 63701 | 482 | 67818 | 443 | 72789 | 419 | 76873 | 03 | 9 |
| | 400 | 79861 | 378 | 81838 | 338 | 90982 | 275 | 00998 | 03 | 9 |
| | 126 | 97998 | | | | | | | 03 | 9 |
| 223 | 365 | 63 | 331 | 67 | 272 | 74*** | 283 | 82*** | 03 | 1 |
| | 163 | 94 | 120 | 02 | 085 | 05*** | | | 03 | 1 |
| 246 | 506 | 57681 | 459 | 60999 | 400 | 68990 | 372 | 71761 | 03 | 9 |
| 360 | 400 | 83913 | 368 | 88963 | 310 | 92002 | 274 | 91991 | 03 | 8 |
| | 258 | 93011 | 222 | 90982 | 116 | 94021 | | | 03 | 8 |

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| Index No. iii | 1st. 5th. etc. Level PPP | TTTTT ddx | 2nd. 6th. etc. Level PPP | TTTTT ddx | 3rd. 7th. etc. Level PPP | TTTTT ddx | 4th. 8th. etc. Level PPP | TTTTT ddx | Hour GG | Code Type |
|---|---|---|---|---|---|---|---|---|---|---|
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| 001 | 297 | 01990 | 255 | 95998 | 151 | 90999 | 122 | 93992 | 03 | 8 |
| | 100 | 92993 | 090 | 92996 | | | | | 03 | 8 |
| 030 | 065 | 94 6 | | | | | | | 03 | 8 |
| 384 | 469 | 73801 | 457 | 73817 | 400 | 81884 | 302 | 94003 | 03 | 5 |
| | 260 | 96 | 226 | 95 | 159 | 95*** | | | 03 | 5 |
| 415 | 562 | 58643 | 555 | 57643 | 400 | 79884 | 263 | 07995 | 03 | 8 |
| | 226 | 11991 | 188 | 06995 | 131 | 05992 | | | 03 | 8 |
| 02 | | | | | | | | | | |
| 084 | 527 | 57684 | 515 | 58682 | 406 | 71818 | 340 | 83924 | 03 | 8 |
| | 312 | 86958 | 243 | 01996 | 206 | 08990 | | | 03 | 8 |
| 03 | | | | | | | | | | |
| 005 | 185 | 39 0 | | | | | | | 02 | 2 |
| 743 | 221 | 33 0 | 096 | 26 0 | 066 | 29**0 | | | 02 | 2 |
| 04 | | | | | | | | | | |
| 018 | 275 | 01997 | 075 | 97997 | | | | | 03 | 1 |
| 202 | 400 | 76784 | 310 | 89924 | 205 | 07993 | 176 | 98999 | 03 | 1 |
| 06 | | | | | | | | | | |
| 180 | 052 | 98994 | | | | | | | 03 | 5 |
| 260 | 448 | 67831 | 406 | 73 | 380 | 77*** | 360 | 79*** | 03 | 8 |
| | 260 | 00 | | | | | | | 03 | 8 |
| | 260 | 00 | | | | | | | 03 | 8 |
| 447 | 625 | 01615 | 604 | 00624 | 255 | 98**6 | 213 | 06**5 | 03 | 8 |
| | 182 | 01 6 | 135 | 09 6 | | | | | 03 | 8 |
| 610 | 234 | 93 4 | 224 | 95 7 | 180 | 01**4 | 120 | 00**4 | 05 | 5 |
| | 124 | 06 2 | | | | | | | 05 | 5 |
| 07 | | | | | | | | | | |
| 110 | 506 | 61702 | 428 | 70773 | 332 | 84916 | | | 02 | 5 |

# RADIOSONDE AND RAWINSONDE DATA.
## SIGNIFICANT LEVELS

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| Index No. iii | 1st. 5th. etc. Level PPP | TTTTT ddx | 2nd. 6th. etc. Level PPP | TTTTT ddx | 3rd. 7th. etc. Level PPP | TTTTT ddx | 4th. 8th. etc. Level PPP | TTTTT ddx | Hour GG | Code Type |
|---|---|---|---|---|---|---|---|---|---|---|
| 145 | 772 | 76939 | 295 | 89035 | 275 | 92**0 | 256 | 96**0 | 02 | 8 |
| | 219 | 01 4 | 184 | 08 4 | 154 | 09**0 | | | 02 | 8 |
| 190 | 454 | 63771 | 420 | 66814 | 351 | 76906 | 326 | 8296* | 02 | 8 |
| | 253 | 96 1 | 177 | 11 0 | 058 | 12**0 | | | 02 | 8 |
| 480 | 256 | 93 7 | 206 | 01 7 | 152 | 09**4 | 106 | 12**7 | 02 | 8 |
| 510 | 426 | 72825 | 301 | 90991 | 260 | 97**4 | 235 | 04**0 | 02 | 5 |
| | 200 | 09 4 | 150 | 12 4 | 110 | 10**1 | | | 02 | 5 |
| 645 | 468 | 62790 | 434 | 67839 | 376 | 74924 | 344 | 78953 | 02 | 8 |
| | 322 | 82982 | 258 | 93 1 | | | | | 02 | 8 |
| 08 | | | | | | | | | | |
| 509 | 530 | 59698 | 400 | 74811 | | 05999 | 150 | 10994 | 03 | 1 |
| 521 | 230 | 02991 | 220 | 01994 | 184 | 05997 | 154 | 13995 | 14 | 8 |
| | 118 | 17993 | 072 | 13995 | 053 | 03998 | | | 14 | 8 |
| 536 | 576 | 57744 | 400 | 78902 | 345 | 87978 | 266 | 91995 | 14 | 8 |
| | 084 | 09995 | 070 | 04995 | | | | | 14 | 8 |
| 10 | | | | | | | | | | |
| 384 | 555 | 53654 | 473 | 62734 | 426 | 67734 | 400 | 69762 | 03 | 5 |
| | 376 | 74804 | 395 | 79884 | 060 | 98993 | | | 03 | 5 |
| 633 | 672 | 07994 | 567 | 50998 | 400 | 71998 | 293 | 90990 | 03 | 5 |
| | 236 | 00990 | 217 | 01999 | 181 | 07995 | 173 | 04996 | 03 | 5 |
| | 134 | 08991 | 076 | 05996 | 050 | 00995 | | | 03 | 5 |
| 866 | 290 | 90970 | 225 | 02997 | 195 | 09993 | 180 | 07992 | 03 | 5 |
| | 120 | 07991 | | | | | | | 03 | 5 |
| 11 | | | | | | | | | | |
| 567 | 070 | 04994 | | | | | | | 05 | 5 |
| 47 | | | | | | | | | | |
| 412 | 400 | 67766 | 344 | 73816 | 240 | 93993 | 211 | 97993 | 03 | 1 |
| | 157 | 07994 | 112 | 09997 | 101 | 58*** | | | 03 | 1 |
| 580 | 400 | 65762 | 355 | 72835 | 250 | 87995 | 101 | 55*** | 03 | 1 |
| 590 | 264 | 78832 | 132 | 07997 | 108 | 10992 | 088 | 10992 | 03 | 1 |
| 635 | 145 | 17990 | 108 | 17995 | 101 | 58*** | | | 03 | 1 |
| 671 | 150 | 11991 | 185 | 10992 | 110 | 11998 | 065 | 08995 | 03 | 1 |
| | 101 | 59 | | | | | | | 03 | 1 |
| 744 | 333 | 72847 | 239 | 89004 | 152 | 06995 | | | 04 | 1 |
| 778 | 101 | 48 | | | | | | | 05 | 1 |
| 808 | 455 | 56638 | 400 | 58709 | 380 | 62759 | 350 | 67762 | 03 | 1 |
| | 328 | 70836 | 250 | 03954 | 150 | 09992 | 114 | 08995 | 03 | 1 |
| | 101 | 59 | | | | | | | 03 | 1 |
| 827 | 140 | 15990 | 107 | 15990 | 078 | 17996 | | | 03 | 1 |
| 931 | 428 | 11761 | 440 | 74755 | 155 | 99153 | 355 | 69*** | 03 | 1 |
| 60 | | | | | | | | | | |
| 390 | 672 | 07612 | 615 | 01662 | 576 | 55721 | 500 | 66812 | 02 | 5 |
| | 460 | 66812 | 408 | 72863 | 399 | 72872 | | | 02 | 5 |
| | 278 | 87893 | 229 | 90 4 | 187 | 96**7 | 157 | 97**4 | 02 | 8 |
| 570 | 548 | 59915 | 538 | 59914 | 413 | 76033 | 405 | 75031 | 02 | 5 |
| | 274 | 93110 | 214 | 00117 | | | | | 02 | 5 |
| | 274 | 93 0 | 214 | 00 7 | | | | | 02 | 5 |
| 61 | | | | | | | | | | |
| 642 | 589 | 51573 | 494 | 61648 | 462 | 61994 | 191 | 09**2 | 07 | 5 |
| | 114 | 25 1 | | | | | | | 07 | 5 |
| 62 | | | | | | | | | | |
| 011 | 400 | 70990 | 338 | 77994 | 310 | 79998 | 101 | 55*** | 21 | 5 |
| 053 | 105 | 00 0 | 076 | 98 0 | | | | | 02 | 7 |
| 70 | | | | | | | | | | |
| 133 | 040 | 91994 | | | | | | | 03 | 1 |
| 200 | 101 | 68 | 073 | 63 | 101 | 58*** | | | 03 | 1 |
| 219 | 084 | 94995 | 101 | 65 | | | | | 03 | 1 |
| 273 | 434 | 74874 | 400 | 79918 | 338 | 90000 | 257 | 04995 | 05 | 1 |
| 291 | 105 | 96993 | | | | | | | 03 | 1 |
| 361 | 951 | 26260 | 7 | | | | | | 03 | 1 |
| 398 | 481 | 64788 | 400 | 75797 | 374 | 78854 | 325 | 87913 | 03 | 1 |
| | 212 | 09994 | 073 | 98999 | 101 | 68*** | 070 | 55*** | 03 | 1 |
| 409 | 490 | 63731 | 400 | 72775 | 340 | 80893 | 295 | 90990 | 03 | 1 |
| | 250 | 96995 | | | | | | | 03 | 1 |
| 485 | 240 | 98997 | 156 | 93993 | 075 | 93999 | 101 | 58*** | 03 | 1 |
| 72 | | | | | | | | | | |
| 202 | 165 | 10995 | | | | | | | 03 | 1 |
| 208 | 400 | 64997 | 320 | 76908 | 266 | 88972 | 118 | 24992 | 03 | 1 |
| | 072 | 14996 | | | | | | | 03 | 1 |
| 211 | 540 | 53994 | 508 | 56737 | 473 | 60714 | 462 | 62762 | 03 | 1 |
| | 428 | 66814 | 400 | 70994 | 270 | 89994 | 142 | 21997 | 03 | 1 |
| | 135 | 21994 | | | | | | | 03 | 1 |
| 219 | 114 | 24992 | | | | | | | 03 | 1 |
| 240 | 148 | 19997 | 110 | 29990 | | | | | 03 | 1 |
| 265 | 113 | 24991 | | | | | | | 04 | 1 |
| 304 | 422 | 61997 | 400 | 64814 | 346 | 73814 | 306 | 79929 | 03 | 1 |
| | 262 | 88998 | 161 | 14995 | 125 | 21999 | 105 | 23990 | 03 | 1 |
| 317 | 252 | 89998 | 116 | 22995 | 106 | 21998 | 101 | 69*** | 03 | 1 |
| | 882 | 52 | | | | | | | 03 | 1 |
| 340 | 342 | 74772 | 250 | 89004 | 122 | 25999 | | | 03 | 1 |
| 353 | 114 | 23997 | 090 | 21990 | | | | | 03 | 1 |
| 386 | 092 | 20992 | | | | | | | 03 | 1 |
| 394 | 614 | 02667 | 400 | 70996 | 160 | 06995 | 188 | 18998 | 03 | 1 |
| | 090 | 20998 | | | | | | | 03 | 1 |
| 405 | 350 | 73832 | 322 | 78832 | 263 | 80978 | 140 | 18998 | 03 | 1 |
| | 105 | 23996 | 060 | 11996 | | | | | 03 | 1 |
| 493 | 107 | 17996 | 050 | 06999 | | | | | 03 | 1 |
| 506 | 362 | 75841 | 275 | 89948 | 168 | 16992 | 143 | 16998 | 03 | 1 |
| | 093 | 16994 | | | | | | | 03 | 1 |
| 518 | 346 | 76807 | 271 | 89934 | 165 | 16995 | 070 | 09993 | 03 | 1 |
| 528 | 400 | 70802 | 352 | 75804 | 267 | 89937 | 130 | 17992 | 03 | 1 |
| | 117 | 14995 | | | | | | | 03 | 1 |
| 534 | 268 | 89973 | 136 | 18991 | 116 | 18998 | 103 | 18996 | 03 | 1 |
| 536 | 343 | 76818 | 317 | 80919 | 282 | 87980 | 140 | 18998 | 03 | 1 |
| 553 | 558 | 51604 | 547 | 52692 | 522 | 54619 | 483 | 57632 | 03 | 1 |
| | 400 | 66696 | 348 | 74769 | 269 | 89973 | 126 | 18991 | 03 | 1 |
| | 105 | 18997 | | | | | | | 03 | 1 |
| 597 | 366 | 79916 | 314 | 88996 | 296 | 91993 | | | 03 | 1 |
| 606 | 348 | 77834 | 274 | 89931 | 162 | 15996 | | | 03 | 1 |
| 655 | 250 | 96998 | 170 | 08995 | 120 | 10990 | 093 | 10993 | 03 | 1 |
| | 087 | 10990 | | | | | | | 03 | 1 |
| 662 | 293 | 88984 | 239 | 00991 | 208 | 03999 | 147 | 10994 | 03 | 1 |
| 712 | 181 | 08995 | 165 | 04997 | 080 | 04990 | | | 05 | 1 |
| 734 | 624 | 00543 | 592 | 52673 | 565 | 54614 | 558 | 55656 | 03 | 1 |
| | 552 | 55637 | 534 | 56719 | 488 | 61766 | 424 | 69745 | 03 | 1 |
| | 400 | 71788 | 286 | 90943 | 190 | 09991 | 158 | 07990 | 03 | 1 |
| 747 | 420 | 72854 | 400 | 74828 | 384 | 76814 | 210 | 07997 | 03 | 1 |
| | 195 | 07999 | | | | | | | 03 | 1 |
| 764 | 080 | 06998 | | | | | | | 03 | 1 |
| 768 | 196 | 08995 | 172 | 07990 | | | | | 03 | 1 |
| 785 | 400 | 74864 | 342 | 82863 | 302 | 89948 | 260 | 98998 | 04 | 1 |
| | 130 | 05997 | | | | | | | 04 | 1 |
| 798 | 400 | 73864 | 366 | 78883 | | | | | 03 | 1 |
| 816 | 215 | 97994 | | 997 | | | | | 03 | 1 |
| 836 | 248 | 01995 | 205 | 05990 | 162 | 98999 | 126 | 02995 | 03 | 1 |
| | 080 | 01995 | 101 | 58 | | | | | 03 | 1 |
| 867 | 181 | 00990 | 145 | 00990 | 138 | 01993 | | | 03 | 1 |
| 896 | 101 | 47 | | | | | | | 03 | 1 |
| 906 | 101 | 58 | | | | | | | 03 | 1 |
| 907 | 037 | 96994 | | | | | | | 03 | 1 |
| 909 | 362 | 90990 | 305 | 96999 | 244 | 90990 | 101 | 68*** | 04 | 1 |
| | 969 | 93 | 101 | 58 | | | | | 04 | 1 |
| 913 | 555 | 70765 | 451 | 81884 | 400 | 86954 | 377 | 90981 | 03 | 1 |
| | 334 | 98999 | 255 | 92990 | 170 | 90996 | 080 | 94999 | 03 | 1 |
| 917 | 400 | 82994 | 343 | 89998 | 260 | 98999 | 160 | 90997 | 03 | 1 |
| 924 | 258 | 03991 | | | | | | | 03 | 1 |
| 938 | 220 | 04992 | 053 | 87999 | | | | | 02 | 1 |
| 945 | 198 | 12995 | 174 | 02999 | 075 | 01994 | 101 | 58*** | 03 | 1 |
| 964 | 223 | 07997 | 195 | 02991 | 101 | 58*** | | | 03 | 1 |
| 74 | | | | | | | | | | |
| 074 | 756 | 72605 | 646 | 59651 | 566 | 64745 | 400 | 83927 | 03 | 1 |
| | 358 | 89979 | 280 | 01994 | 804 | 92991 | | | 03 | 1 |
| 090 | 318 | 90983 | 240 | 00998 | 214 | 01994 | 185 | 95991 | 03 | 1 |
| | 093 | 96992 | | | | | | | 03 | 1 |
| 109 | 170 | 05993 | 140 | 05999 | 059 | 98999 | 101 | 47*** | 03 | 1 |
| 76 | | | | | | | | | | |
| 458 | 264 | 88979 | 128 | 24994 | | | | | 02 | 1 |
| 679 | 134 | 21999 | | | | | | | 03 | 1 |
| 78 | | | | | | | | | | |
| 501 | 336 | 75864 | 271 | 87905 | 150 | 20995 | | | 03 | 1 |
| 91 | | | | | | | | | | |
| 066 | 101 | 69 | | | | | | | 03 | 1 |
| 115 | 485 | 55657 | 101 | 58 | | | | | 03 | 1 |
| 182 | 567 | 50996 | 400 | 66990 | 269 | 90990 | 113 | 25996 | 03 | 1 |
| | 076 | 18993 | | | | | | | 03 | 1 |
| 245 | 400 | 68751 | 278 | 86952 | 256 | 90990 | 120 | 26998 | 03 | 1 |
| 275 | 400 | 66995 | 258 | 89994 | 185 | 20996 | 101 | 59*** | 03 | 1. |
| 98 | | | | | | | | | | |
| 327 | 452 | 59689 | 400 | 66764 | 320 | 78871 | 262 | 90999 | 03 | 1 |
| | 231 | 96999 | 101 | 55 | | | | | 03 | 1 |
| 9LL | | OCEAN | STA | | | | | | | |
| 034 | 075 | 12996 | | | | | | | 03 | 9 |
| 035 | 295 | 87994 | 184 | 13997 | 088 | 16994 | 076 | 14990 | 03 | 9 |
| 037 | 420 | 62782 | 400 | 65811 | 260 | 90998 | 136 | 20992 | 03 | 9 |
| 044 | 552 | 59687 | 517 | 59639 | 451 | 65702 | 400 | 71799 | 03 | 9 |
| | 290 | 89949 | 222 | 04992 | 150 | 10998 | 106 | 08992 | 03 | 9 |
| 051 | 185 | 39 0 | 140 | 37 0 | 125 | 32**0 | | | 02 | 7 |
| 053 | 522 | 63699 | 400 | | 303 | 88975 | 215 | 05992 | 03 | 9 |
| | 158 | 98997 | | | | | | | 03 | 9 |
| 055 | 328 | 90990 | | 06993 | 094 | 01992 | | | 03 | 9 |
| 063 | 205 | 09994 | 166 | 02993 | 082 | 00995 | | | 03 | 9 |
| 121 | 469 | 99615 | 426 | 64671 | 400 | 65749 | 328 | 57864 | 03 | 9 |
| | 151 | | | | | | | | 03 | 9 |
| 134 | 631 | 06997 | 567 | 01999 | 400 | 67995 | 112 | 22994 | 04 | 9 |
| | 085 | 19995 | | | | | | | 04 | 9 |
| 143 | 400 | 72775 | 363 | 78893 | 289 | 90003 | 173 | 11993 | 03 | 9 |
| | 027 | 95998 | | | | | | | 03 | 9 |
| 144 | 322 | 88920 | 254 | 02995 | 222 | 05996 | 080 | 00993 | 03 | 9 |
| 223 | 151 | 03 | 112 | 04 | | | | | 02 | 1 |
| 246 | 090 | 03995 | | | | | | | 03 | 9 |
| 360 | 400 | 82836 | 325 | 94956 | 232 | 89913 | 160 | 91949 | 03 | 5 |
| | 092 | 89992 | | | | | | | 03 | 5 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 01 | | | | | | | | | | |
| 001 | 400 | 88901 | 385 | 83917 | 333 | 91985 | 252 | 96997 | 03 | 8 |
| | 231 | 08997 | 215 | 94991 | | | | | 03 | 8 |
| 415 | 253 | 02999 | 070 | 97993 | | | | | 03 | 8 |
| 02 | | | | | | | | | | |
| 084 | 497 | 62836 | 440 | 69904 | 268 | 08990 | | | 03 | 8 |
| 03 | | | | | | | | | | |
| 171 | 197 | 41 0 | 180 | 37 0 | 117 | 36**0 | 065 | 41**0 | 02 | 7 |
| 476 | 140 | 38 0 | 095 | 29 0 | | | | | 02 | 2 |
| 04 | | | | | | | | | | |
| 208 | 224 | 88941 | 230 | 04998 | 194 | 95999 | | | 04 | 1 |
| 270 | 155 | 00995 | 088 | 01995 | | | | | 03 | 1 |

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| Index No. iii | 1st. 5th. etc. Level PPP | TTTTT ddx | 2nd. 6th. etc. Level PPP | TTTTT ddx | 3rd. 7th. etc. Level PPP | TTTTT ddx | 4th. 8th. etc. Level PPP | TTTTT ddx | Hour GG | Code Type |
|---|---|---|---|---|---|---|---|---|---|---|
| 360 | 207 | 09990 | 173 | 00990 | 125 | 01990 | | | 03 | 5 |
| 06 | | | | | | | | | | |
| 180 | 137 | 94992 | 086 | 94290 | | | | | 03 | 5 |
| 260 | 308 | 84 | 150 | 08 | 083 | 09*** | | | 03 | 8 |
| 447 | 185 | 09 0 | 158 | 09 0 | 150 | 04**3 | 130 | 07**2 | 03 | 8 |
| | 099 | 07 5 | 064 | 04 3 | | | | | 03 | 8 |
| 610 | 420 | 21856 | 376 | 72866 | 268 | 90**7 | 216 | 00**1 | 05 | 5 |
| | 162 | 03 4 | 149 | 05 7 | 134 | 05**0 | | | 05 | 5 |
| 07 | | | | | | | | | | |
| 110 | 618 | 53591 | 445 | 71791 | 370 | 80882 | 347 | 79887 | 02 | 5 |
| | 300 | 86945 | 235 | 01 4 | | | | | 02 | 5 |
| 145 | 602 | 02642 | 542 | 56695 | 290 | 72795 | 358 | 25822 | 02 | 8 |
| | 315 | 81901 | 216 | 02 1 | 159 | 10**0 | | | 02 | 8 |
| 190 | 466 | 63824 | 419 | 70823 | 400 | 53906 | 373 | 5491* | 02 | 8 |
| | 280 | 91 4 | 250 | 01 0 | 086 | 10**7 | | | 02 | 8 |
| 480 | 520 | 53801 | 414 | 71942 | 322 | 85052 | 300 | 94**7 | 02 | 8 |
| | 221 | 07 1 | 200 | 10 0 | 102 | 12**7 | | | 02 | 8 |
| 510 | 356 | 81901 | 293 | 90982 | 270 | 94**0 | 170 | 07**7 | 02 | 5 |
| | 135 | 07 7 | 119 | 05 4 | 100 | 09**7 | | | 02 | 5 |
| 645 | 642 | 64831 | 572 | 54747 | 520 | 57766 | 499 | 62810 | 02 | 8 |
| | 462 | 64831 | 454 | 67842 | | | | | 02 | 8 |
| 08 | | | | | | | | | | |
| 536 | 050 | 00992 | | | | | | | 14 | 8 |
| 10 | | | | | | | | | | |
| 384 | 583 | 52707 | 540 | 57723 | 400 | 72837 | 343 | 82917 | 03 | 5 |
| | 290 | 90990 | 169 | 30949 | | | | | 03 | 5 |
| 633 | 400 | 71805 | 282 | 90990 | 213 | 03991 | 185 | 06988 | 03 | 5 |
| | 170 | 49990 | 155 | 06993 | 090 | 01996 | 038 | 77996 | 03 | 5 |
| 866 | 302 | 85995 | 284 | 90990 | 175 | 08994 | 147 | 07990 | 03 | 5 |
| | 093 | 07991 | | | | | | | 03 | 5 |
| 11 | | | | | | | | | | |
| 030 | 166 | 04 8 | 136 | 08 1 | 074 | 05**7 | | | 03 | 5 |
| 40 | | | | | | | | | | |
| 427 | 541 | 35840 | 531 | 34830 | 511 | 39870 | 444 | 28700 | 14 | 2 |
| | 422 | 21640 | 245 | 66430 | 235 | 63500 | 225 | 58**0 | 14 | 2 |
| | 107 | 01 0 | 094 | 96 0 | 086 | 96**0 | 042 | 90**0 | 14 | 2 |
| 47 | | | | | | | | | | |
| 212 | 157 | 94993 | 101 | 55 | | | | | 03 | 1 |
| 401 | 233 | 03998 | 156 | 03998 | 055 | 04995 | 101 | 47*** | 03 | 1 |
| 580 | 400 | 62686 | 333 | 70812 | 290 | 76997 | 248 | 84998 | 03 | 1 |
| | 194 | 97998 | 101 | 55 | | | | | 03 | 1 |
| 590 | 039 | 03990 | 101 | 43 | | | | | 05 | 1 |
| 600 | 232 | 88995 | 175 | 99998 | 147 | 02998 | 109 | 04995 | 03 | 1 |
| 635 | 112 | 16990 | 101 | 58 | | | | | 03 | 1 |
| 646 | 055 | 06993 | | | | | | | 03 | 1 |
| 671 | 448 | 58651 | 101 | 47 | | | | | 03 | 1 |
| 744 | 264 | 90999 | 237 | 92000 | 144 | 06990 | 075 | 03997 | 03 | 1 |
| | 057 | 98993 | | | | | | | 03 | 1 |
| 778 | 416 | 66657 | 404 | 63671 | 320 | 72775 | 252 | 87994 | 03 | 1 |
| | 125 | 13997 | 085 | 14994 | | | | | 03 | 1 |
| 827 | 109 | 00990 | | | | | | | 03 | 1 |
| 931 | 400 | 62994 | 101 | 47 | | | | | 04 | 1 |
| 60 | | | | | | | | | | |
| 155 | 800 | 13538 | 712 | 13599 | 617 | 00685 | 568 | 00733 | 02 | 8 |
| 390 | 522 | 57737 | 486 | 60761 | 454 | 64797 | 425 | 65800 | 02 | 5 |
| | 290 | 85985 | 263 | 89022 | 249 | 91114 | | | 02 | 5 |
| | 142 | 10 4 | | | | | | | 02 | 5 |
| 715 | 596 | 00655 | 563 | 50684 | 335 | 78941 | | | 02 | 5 |
| 61 | | | | | | | | | | |
| 642 | 454 | 59997 | 361 | 71994 | 298 | 80991 | 231 | 95**1 | 07 | 5 |
| | 148 | 13 7 | | | | | | | 07 | 5 |
| 70 | | | | | | | | | | |
| 026 | 470 | 73793 | 400 | 81916 | 344 | 90983 | 226 | 04998 | 03 | 1 |
| | 128 | 93991 | | | | | | | 03 | 1 |
| 133 | 323 | 90001 | 247 | 05990 | 217 | 08990 | 026 | 90992 | 04 | 1 |
| 200 | 238 | 06992 | | | | | | | 03 | 1 |
| 204 | 320 | 88969 | 195 | 07999 | 179 | 01996 | 040 | 92999 | 03 | 1 |
| 219 | 464 | 70829 | 400 | 78900 | 332 | 90010 | 230 | 07996 | 03 | 1 |
| | 105 | 96997 | | | | | | | 03 | 1 |
| 261 | 400 | 82991 | 375 | 85931 | 337 | 89986 | 260 | 00997 | 03 | 1 |
| | 093 | 94998 | 101 | 69 | 84 | 00000 | 101 | 68*** | 03 | 1 |
| | 070 | 63 | 045 | 40 | | | | | 03 | 1 |
| 350 | 159 | 92995 | 063 | 94993 | | | | | 03 | 1 |
| 381 | 230 | 04991 | 184 | 08997 | 131 | 97992 | 080 | 96998 | 03 | 1 |
| 398 | 105 | 01998 | | | | | | | 06 | 1 |
| 485 | 282 | 89997 | 186 | | 145 | 98999 | | | 03 | 1 |
| | 070 | 97998 | 101 | 58 | | | | | 03 | 1 |
| 72 | | | | | | | | | | |
| 208 | 362 | 69998 | 270 | 88998 | 156 | 18992 | 127 | 22999 | 03 | 1 |
| 211 | 282 | 87961 | 135 | 18999 | 107 | 21997 | 074 | 15994 | 03 | 1 |
| 253 | 204 | 00992 | | | | | | | 03 | 1 |
| 265 | 104 | 27997 | | | | | | | 03 | 1 |
| 270 | 298 | 80938 | 282 | 83995 | 101 | 68*** | 038 | 32*** | 03 | 1 |
| | 030 | 28 | | | | | | | 03 | 1 |
| 278 | 126 | 22993 | | | | | | | 03 | 1 |
| 304 | 613 | 03543 | 468 | 59762 | 400 | 64995 | 272 | 87995 | 03 | 1 |
| | 126 | 24999 | | | | | | | 03 | 1 |
| 327 | 118 | 24990 | | | | | | | 03 | 1 |
| 340 | 358 | 70757 | 286 | 82862 | 250 | 90933 | 140 | 23992 | 03 | 1 |
| | 106 | 26991 | | | | | | | 03 | 1 |
| 386 | 108 | 20998 | | | | | | | 03 | 1 |
| 394 | 400 | 69998 | 157 | 13996 | 118 | 19995 | 086 | 16998 | 03 | 1 |
| 405 | 104 | 22992 | 097 | 20991 | | | | | 03 | 1 |
| 445 | 109 | 22996 | | | | | | | 03 | 1 |
| 493 | 622 | 02586 | 608 | 03671 | 400 | 70991 | 117 | 16998 | 03 | 1 |
| | 104 | 17995 | 047 | 09990 | | | | | 03 | 1 |
| 506 | 255 | 89017 | 146 | 16991 | 135 | 12999 | 110 | 17998 | 03 | 1 |
| 518 | 4 0 | 69781 | 335 | 78815 | 271 | 88996 | 138 | 16996 | 04 | 1 |
| | 122 | 14994 | 096 | 16994 | 101 | 68034 | | | 04 | 1 |
| 528 | 561 | 55581 | 400 | 70723 | 280 | 89934 | | | 04 | 1 |
| 534 | 480 | 59748 | 400 | 70997 | 264 | 88997 | 108 | 18994 | 03 | 1 |
| 536 | 269 | 87995 | 173 | 10996 | 092 | 17998 | | | 03 | 1 |
| 553 | 545 | 51701 | 400 | 68996 | 268 | 89994 | 116 | 17999 | 03 | 1 |
| | 080 | 13992 | | | | | | | 03 | 1 |
| 562 | 172 | 04991 | 140 | 14997 | 048 | 08990 | | | 03 | 1 |
| 600 | 187 | 11993 | 101 | 58 | | | | | 03 | 1 |
| 606 | 440 | 68752 | 433 | 66722 | 400 | 69757 | 274 | 89945 | 03 | 1 |
| | 139 | 14993 | 078 | 12995 | | | | | 03 | 1 |
| 655 | 414 | 70877 | 400 | 72992 | 194 | 08993 | 170 | 03997 | 03 | 1 |
| | 084 | 09991 | 067 | 07996 | | | | | 03 | 1 |
| 681 | 125 | 12991 | | | | | | | 03 | 1 |
| 712 | 604 | 53589 | 482 | 64718 | 400 | 75773 | 383 | 76801 | 03 | 1 |
| | 361 | 79911 | 180 | 08999 | 091 | 06994 | | | 03 | 1 |
| 734 | 400 | 74997 | 233 | 03992 | 208 | 06992 | 189 | 02991 | 03 | 1 |
| | 168 | 05993 | | | | | | | 03 | 1 |
| 747 | 220 | 08993 | | | | | | | 03 | 1 |
| 768 | 337 | 83884 | 304 | 89939 | 223 | 07997 | 176 | 07999 | 03 | 1 |
| | 145 | 04994 | 114 | 08995 | | | | | 03 | 1 |
| 775 | 056 | 04995 | | | | | | | 03 | 1 |
| 798 | 303 | 88996 | 168 | 07998 | 152 | 07992 | | | 03 | 1 |
| 807 | 476 | 69997 | 452 | 71997 | 400 | 80994 | 272 | 96994 | 03 | 1 |
| 815 | 190 | 04991 | 101 | 58 | | | | | 03 | 1 |
| 816 | 247 | 07998 | 213 | 00992 | | 00996 | 101 | 58*** | 03 | 1 |
| 826 | 576 | 61994 | 553 | 65997 | 101 | 69*** | 885 | 76*** | 03 | 1 |
| | 995 | 53 | 101 | 56 | | | | | 03 | 1 |
| 836 | 242 | 00990 | 219 | 00996 | 192 | 96998 | 085 | 98999 | 03 | 1 |
| | 101 | 58 | | | | | | | 03 | 1 |
| 867 | 452 | 70852 | 400 | 75908 | 206 | 02992 | 163 | 98994 | 03 | 1 |
| | 116 | 98996 | | | | | | | 03 | 1 |
| 879 | 217 | 10991 | 162 | 02999 | 075 | 01999 | 101 | 58*** | 03 | 1 |
| 896 | 400 | 75993 | 256 | 01994 | 085 | 03994 | 101 | 47*** | 03 | 1 |
| 906 | 287 | 02990 | 101 | 53 | | | | | 03 | 1 |
| 907 | 083 | 95997 | | | | | | | 03 | 1 |
| 909 | 400 | 86865 | 374 | 90990 | 286 | 00996 | 077 | 93992 | 03 | 1 |
| | 101 | 58 | | | | | | | 03 | 1 |
| 913 | 400 | 80837 | 344 | 90920 | 260 | 04995 | 214 | 96990 | 03 | 1 |
| | 140 | 93995 | | | | | | | 03 | 1 |
| 915 | 250 | 98995 | 056 | 96892 | | | | | 03 | 1 |
| 917 | 248 | 98999 | | | | | | | 03 | 1 |
| 918 | 156 | 97997 | 065 | 92997 | | | | | 03 | 1 |
| 924 | 237 | 05997 | | | | | | | 03 | 1 |
| 934 | 076 | 98999 | 101 | 65 | 020 | 07*** | 101 | 58*** | 03 | 1 |
| 938 | 070 | 90998 | | | | | | | 02 | 1 |
| 945 | 090 | 98993 | 101 | 58 | | | | | 03 | 1 |
| 964 | 240 | 00997 | 180 | 03990 | 101 | 58*** | | | 03 | 1 |
| 968 | 445 | 67762 | 400 | 74839 | 218 | 03994 | 156 | 94994 | 03 | 1 |
| | 097 | 94996 | 101 | 55 | | | | | 03 | 1 |
| 74 | | | | | | | | | | |
| 072 | 112 | 94998 | | | | | | | 03 | 1 |
| 074 | 400 | 85995 | 115 | 94991 | | | | | 03 | 1 |
| 090 | 400 | 86852 | 373 | 90990 | 192 | 00990 | 227 | 91990 | 03 | 1 |
| | 153 | 95991 | 045 | 92995 | | | | | 03 | 1 |
| 109 | 400 | 67816 | 255 | 89017 | 167 | 03997 | 028 | 27997 | 03 | 1 |
| | 101 | 47 | | | | | | | 03 | 1 |
| 78 | | | | | | | | | | |
| 016 | | | | | 344 | 78999 | 101 | 55*** | 03 | 1 |
| 355 | 400 | 68722 | 368 | 72784 | 332 | 77817 | 279 | 87913 | 03 | 1 |
| | 141 | 23992 | 120 | 20997 | 078 | 25990 | 070 | 20992 | 03 | 1 |
| 367 | 418 | 63998 | 400 | 60995 | | | | | 03 | 1 |
| 395 | 174 | 10995 | 131 | 22997 | | | | | 03 | 1 |
| 525 | 147 | 21996 | 120 | 21999 | | | | | 03 | 1 |
| 862 | 101 | 58 | | | | | | | 03 | 1 |
| 972 | 140 | 19996 | 101 | 58 | | | | | 03 | 1 |
| 91 | | | | | | | | | | |
| 115 | 170 | 13992 | 101 | 58 | | | | | 03 | 1 |
| 182 | 263 | 88959 | 133 | 20992 | 107 | 24999 | 068 | 17993 | 03 | 1 |
| 215 | 101 | 58 | | | | | | | 03 | 1 |
| 245 | 130 | 20997 | 120 | 19992 | | | | | 03 | 1 |
| 275 | 121 | 15997 | 101 | 59 | | | | | 03 | 1 |
| 98 | | | | | | | | | | |
| 327 | 400 | 65759 | 352 | 71803 | 245 | 90990 | 197 | 98998 | 03 | 1 |
| | 144 | 15990 | 101 | 55 | | | | | 03 | 1 |
| 9LL | | OCEAN | STA | | | | | | | |
| 034 | 226 | 82870 | 280 | 90943 | 156 | 15998 | 060 | 89993 | 03 | 9 |
| | 101 | 68 | 068 | 57 | | | | | 03 | 9 |
| 035 | 368 | 75849 | 290 | 88001 | 116 | 16999 | 055 | 07992 | 03 | 9 |
| 041 | 554 | 69690 | 466 | 70705 | 447 | 72725 | 292 | 98**5 | 02 | 8 |
| | 273 | 00 5 | 224 | 96 0 | 152 | 99**4 | | | 02 | 8 |
| 053 | 400 | 78841 | 332 | 88944 | 234 | 04990 | 194 | 04995 | 03 | 1 |
| 055 | 091 | 98999 | | | | | | | 03 | 1 |
| 063 | 323 | 88004 | 205 | 07991 | 080 | 01990 | | | 03 | 9 |
| 134 | 043 | 05995 | 101 | 67 | 089 | 88*** | | | 03 | 9 |
| 142 | 628 | 02607 | 101 | 58 | | | | | 03 | 9 |
| 215 | 519 | 55640 | 458 | 59655 | 444 | 61721 | 400 | 66795 | 03 | 1 |
| | 324 | 76853 | 318 | 76990 | 272 | 84872 | 245 | 89999 | 03 | 1 |
| | 235 | 90994 | 183 | 06997 | | | | | 03 | 1 |
| 235 | 173 | 07 | 140 | 01· | 075 | 04*** | | | 03 | 1 |
| 237 | 400 | 70804 | 328 | 80999 | 238 | | 120 | 12992 | 03 | 9 |
| 360 | 258 | 92962 | 152 | 91951 | | | | | 03 | 5 |

RADIOSONDE AND RAWINSONDE DATA.
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SIGNIFICANT LEVELS

| Index No. iii | 1st. 5th. etc. Level PPP | TTTTT ddx | 2nd. 6th. etc. Level PPP | TTTTT ddx | 3rd. 7th. etc. Level PPP | TTTTT ddx | 4th. 8th. etc. Level PPP | TTTTT ddx | Hour GG | Code Type |
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| 001 | 637 | 54646 | 567 | 59707 | 471 | 71802 | 457 | 70804 | 03 | 8 |
| | 400 | 78873 | 305 | 94038 | 249 | 04997 | | | 03 | 8 |
| 030 | 141 | 95 4 | | | | | | | 03 | 8 |
| 384 | 371 | 84896 | 294 | 99 | 119 | 99*** | 110 | 98*** | 03 | 5 |
| 415 | 190 | 99995 | 144 | 98998 | 128 | 00997 | 115 | 99997 | 03 | 8 |
| 02 | | | | | | | | | | |
| 084 | 543 | 62214 | 460 | 69255 | 363 | 81828 | 312 | 90951 | 03 | 8 |
| | 269 | 97990 | 232 | 04991 | 216 | 05992 | | | 03 | 8 |
| 03 | | | | | | | | | | |
| 743 | 285 | 53 0 | 267 | 50 0 | 242 | 48**0 | 228 | 49**0 | 02 | 2 |
| | 217 | 48 0 | 186 | 49 0 | 159 | 46**0 | 138 | 41**0 | 02 | 2 |
| | 116 | 41 0 | 065 | 40 0 | | | | | 02 | 2 |
| 953 | 160 | 48 0 | 085 | 42 0 | | | | | 03 | 2 |
| 04 | | | | | | | | | | |
| 018 | 206 | 08992 | | 00991 | | | | | 03 | 1 |
| 202 | 446 | 77842 | 400 | 83873 | 363 | 88937 | 259 | 03997 | 03 | 1 |
| | 209 | 93994 | 149 | 95990 | 101 | 67*** | 068 | 62*** | 03 | 1 |
| 06 | | | | | | | | | | |
| 011 | 033 | 94993 | | | | | | | 03 | 8 |
| 260 | 490 | 67732 | 465 | 71781 | 443 | 71807 | 276 | 96*** | 03 | 8 |
| | 250 | 97 | 235 | 93 | 187 | 95*** | | | 03 | 8 |
| 447 | 095 | 02 5 | 088 | 05 5 | 060 | 97**0 | 055 | 98**5 | 03 | 8 |
| | 050 | 94 5 | 040 | 95 0 | | | | | 03 | 8 |
| 610 | 430 | 64678 | 311 | 82868 | 269 | 92**1 | 251 | 95**0 | 05 | 5 |
| | 216 | 99 1 | 165 | 99 7 | | | | | 05 | 5 |
| 07 | | | | | | | | | | |
| 110 | 677 | 51559 | 666 | 51569 | 624 | 54601 | 563 | 58646 | 02 | 5 |
| | 490 | 66721 | 480 | 66712 | 428 | 72763 | | | 02 | 5 |
| 145 | 658 | 02651 | 624 | 01741 | 541 | 57822 | 498 | 59825 | 02 | 8 |
| | 456 | 65902 | 228 | 80024 | 280 | 89105 | | | 02 | 8 |
| 190 | 534 | 59643 | 476 | 63737 | 413 | 71798 | 366 | 7663* | 03 | 8 |
| | 305 | 87943 | 196 | 07 1 | 135 | 05**7 | | | 03 | 8 |
| 480 | 518 | 60680 | 459 | 66752 | 300 | 34**7 | 265 | 00**4 | 02 | 8 |
| | 215 | 05 1 | 200 | 04 4 | 150 | 05**7 | | | 02 | 8 |
| 510 | 390 | 75811 | | | | | | | 02 | 5 |
| 645 | 546 | 54612 | 493 | 61714 | 466 | 63746 | 422 | 67781 | 02 | 8 |
| | 392 | 70818 | 318 | 84930 | | | | | 02 | 8 |
| 08 | | | | | | | | | | |
| 521 | 133 | 15996 | 110 | 20997 | 090 | 20995 | 070 | 16997 | 14 | 8 |
| | 055 | 05996 | 044 | 05997 | | | | | 14 | 8 |
| 10 | | | | | | | | | | |
| 384 | 215 | 08994 | 185 | 03994 | 096 | 03998 | 080 | 03998 | 03 | 5 |
| 633 | 178 | 09995 | 132 | 06993 | 122 | 04994 | 095 | 08992 | 03 | 5 |
| 866 | 400 | 74993 | 225 | 04991 | 200 | 08992 | | | 03 | 5 |
| 11 | | | | | | | | | | |
| 030 | 511 | 60761 | 400 | 73 5 | 225 | 04**1 | | | 03 | 5 |
| 567 | 185 | 08994 | 175 | 05990 | 165 | 05990 | | | 05 | 5 |
| 17 | | | | | | | | | | |
| 606 | 225 | 58 0 | 132 | 16 0 | 076 | 15*** | | | 02 | 7 |
| 40 | | | | | | | | | | |
| 427 | 452 | 25940 | 317 | 95420 | 263 | 78450 | 187 | **548 | 14 | 2 |
| | 076 | 91 0 | 075 | 93 0 | 073 | 01**0 | 068 | 93**0 | 14 | 2 |
| 648 | 396 | 11530 | 348 | 00450 | 262 | 68410 | 216 | 45**0 | 02 | 2 |
| | 197 | 43 0 | 165 | 16 | 068 | 03**0 | | | 02 | 2 |
| 42 | | | | | | | | | | |
| 807 | 136 | 12 | | | | | | | 15 | 8 |
| 47 | | | | | | | | | | |
| 412 | 400 | 71802 | 349 | 78875 | 275 | 90998 | 215 | 96999 | 03 | 1 |
| | 168 | 02998 | 113 | 06994 | 097 | 07991 | 101 | 56*** | 03 | 1 |
| 590 | 261 | 75991 | 184 | 92991 | 124 | 98998 | 093 | 03991 | 03 | 1 |
| | 080 | 00992 | 060 | 00997 | | | | | 03 | 1 |
| 778 | 244 | 90011 | 153 | 14991 | 092 | 13990 | 072 | 07992 | 03 | 1 |
| 808 | 140 | 13996 | 110 | 13996 | 101 | 59*** | | | 03 | 1 |
| 827 | 165 | 14990 | 136 | 20990 | 097 | 21990 | | | 03 | 1 |
| 60 | | | | | | | | | | |
| 390 | 440 | 69829 | 404 | 72862 | 374 | 76914 | 328 | 85997 | 02 | 5 |
| | 313 | 87001 | 292 | 91117 | 247 | 98114 | | | 02 | 5 |
| | 198 | 02 7 | 138 | 09 4 | | | | | 02 | 8 |
| 570 | 307 | 82017 | 236 | 92111 | 184 | 03117 | 132 | 11114 | 02 | 5 |
| | 096 | 19111 | 066 | 22111 | | | | | 02 | 5 |
| | 298 | 83013 | 239 | 92 1 | 236 | 92**1 | 216 | 75**1 | 02 | 4 |
| | 207 | 91 1 | 184 | 03 7 | 178 | 03**7 | 147 | 11**7 | 02 | 4 |
| 61 | | | | | | | | | | |
| 648 | 191 | 06117 | 135 | 20 4 | 112 | 24**0 | | | 07 | 5 |
| 70 | | | | | | | | | | |
| 026 | 400 | 77829 | 315 | 90941 | | | 204 | 05994 | 03 | 1 |
| | 185 | 00996 | | | | | | | 03 | 1 |
| 133 | 522 | 63 5 | 400 | 75995 | 312 | 90990 | 247 | 02990 | 03 | 1 |
| | 188 | 09993 | 168 | 01994 | 020 | 87996 | | | 03 | 1 |
| 204 | 400 | 76802 | 313 | 89949 | 220 | 08992 | 144 | 97993 | 04 | 1 |
| 219 | 473 | 68832 | 400 | 78990 | 318 | 90990 | 188 | 10992 | 03 | 1 |
| | 156 | 00995 | 070 | 96996 | | | | | 03 | 1 |
| 350 | 350 | 90998 | 272 | 00994 | 153 | 96990 | | | 03 | 1 |
| 454 | | | 070 | 85995 | 101 | 55*** | | | 03 | 1 |
| 72 | | | | | | | | | | |
| 202 | 232 | 98992 | | | | | | | 03 | 1 |
| 219 | 152 | 17991 | 114 | 24993 | 110 | 24990 | | | 03 | 1 |
| 253 | 250 | 88988 | 115 | 27997 | 092 | 21993 | | | 03 | 1 |
| 304 | 484 | 57671 | 473 | 57741 | 441 | 60707 | 400 | 65758 | 03 | 1 |
| | 350 | 72794 | 338 | 74846 | 262 | 88926 | 152 | 17998 | 03 | 1 |
| | 139 | 17995 | 108 | 24991 | | | | | 03 | 1 |
| 327 | 330 | 75995 | | | | | | | 03 | 1 |
| 340 | 400 | 64794 | 343 | 72855 | 267 | 87990 | 130 | 19999 | 03 | 1 |
| 353 | 400 | 64777 | 252 | 90000 | 125 | 23990 | 105 | 22998 | 03 | 1 |
| 365 | 118 | 24990 | | | | | | | 03 | 1 |
| 386 | 363 | 73848 | 327 | 79924 | 130 | 23990 | 093 | 19994 | 03 | 1 |
| 394 | 554 | 01686 | 400 | 64793 | 137 | 08990 | 124 | 00999 | 03 | 1 |
| 405 | 323 | 78828 | 266 | 88925 | 106 | 21995 | 074 | 13991 | 03 | 1 |
| 445 | 344 | 75884 | 264 | 90961 | 136 | 15997 | 115 | 16999 | 03 | 1 |
| 451 | 101 | 67 | 040 | 13 | | | | | 03 | 1 |
| 486 | 168 | 11997 | | | | | | | 03 | 1 |
| 493 | 129 | 17997 | 042 | 06991 | | | | | 03 | 1 |
| 506 | 540 | 53731 | 400 | 69996 | 342 | 77918 | 270 | 88939 | 03 | 1 |
| | 133 | 14996 | 109 | 14993 | | | | | 03 | 1 |
| 518 | 097 | 10995 | | | | | | | 03 | 1 |
| 528 | 400 | 71995 | 215 | 06998 | 160 | 12990 | 147 | 10992 | 03 | 1 |
| 534 | 400 | 69755 | 280 | 89988 | 231 | 01996 | 122 | 17990 | 03 | 1 |
| | 102 | 16991 | | | | | | | 03 | 1 |
| 536 | 273 | 90990 | 233 | 00990 | 155 | 08992 | | | 03 | 1 |
| 553 | 400 | 70991 | 267 | 89998 | 147 | 12993 | 095 | 18991 | 03 | 1 |
| | 077 | 12996 | | | | | | | 03 | 1 |
| 562 | 338 | 79834 | 276 | 89971 | 138 | 16993 | 091 | 18991 | 03 | 1 |
| 576 | 136 | 10994 | | | | | | | 03 | 1 |
| 600 | 101 | 58 | | | | | | | 03 | 1 |
| 606 | 400 | 70998 | 297 | 89995 | 220 | 04996 | 184 | 08997 | 03 | 1 |
| | 166 | 08995 | | | | | | | 03 | 1 |
| 655 | 400 | 73995 | 130 | 08993 | 078 | 06992 | | | 03 | 1 |
| 662 | 292 | 88986 | 131 | 11993 | 120 | 10995 | | | 03 | 1 |
| 681 | 113 | 12995 | 095 | 11990 | | | | | 03 | 1 |
| 734 | 436 | 72791 | 400 | 74785 | 230 | 05992 | 216 | 04993 | 03 | 1 |
| 747 | 258 | 04990 | 229 | 05998 | 112 | 02994 | | | 03 | 1 |
| 764 | 400 | 84996 | 312 | 88997 | 257 | 00990 | 076 | 06991 | 03 | 1 |
| 768 | 132 | 08995 | | | | | | | 03 | 1 |
| 798 | 400 | 72866 | 304 | 89000 | 243 | 00990 | | | 03 | 1 |
| 807 | 310 | 87894 | 222 | 07991 | 150 | 08990 | | | 03 | 1 |
| 816 | 198 | 01994 | 138 | 98995 | 101 | 58*** | | | 03 | 1 |
| 826 | 470 | 75831 | 400 | 84994 | 291 | 00994 | 271 | 98990 | 03 | 1 |
| | 251 | 98199 | 226 | 96990 | 161 | 95991 | 137 | 95997 | 03 | 1 |
| | 122 | 98994 | 101 | 69 | 994 | 00000 | | | 03 | 1 |
| 836 | 289 | 01996 | 177 | 97993 | 101 | 67*** | 042 | 40*** | 03 | 1 |
| | 040 | 38 | 101 | 58 | | | | | 03 | 1 |
| 879 | 144 | 03997 | 115 | 05997 | 101 | 58*** | | | 03 | 1 |
| 896 | 192 | 12990 | 150 | 03992 | 092 | 02995 | 101 | 47*** | 03 | 1 |
| 906 | 514 | 69776 | 495 | 70783 | 400 | 82863 | 350 | 90931 | 03 | 1 |
| 907 | 400 | 83872 | 345 | 90941 | 281 | 00997 | 164 | | 03 | 1 |
| | 219 | 91994 | 141 | 92994 | 109 | 94997 | | | 03 | 1 |
| 909 | 101 | 47 | | | | | | | 03 | 1 |
| 913 | 651 | 62714 | 576 | 68783 | 557 | 68822 | 451 | 76885 | 03 | 1 |
| | 400 | 82996 | 337 | 90990 | 255 | 01993 | 216 | 95991 | 03 | 1 |
| | 057 | 96993 | | | | | | | 03 | 1 |
| 915 | 273 | 89998 | 190 | | | | | | 03 | 1 |
| 917 | 270 | 98999 | 164 | 91992 | | | | | 03 | 1 |
| 934 | 101 | 58 | | | | | | | 03 | 1 |
| 945 | 187 | 09993 | 036 | 91990 | 101 | 58*** | | | 03 | 1 |
| 74 | | | | | | | | | | |
| 043 | 211 | 09995 | 050 | 93999 | | | | | 03 | 1 |
| 072 | 342 | 90990 | 254 | 03995 | 100 | 95990 | | | 03 | 1 |
| 074 | 119 | 70 | 101 | 58 | | | | | 03 | 1 |
| 090 | 400 | 82927 | 357 | 90990 | 266 | 06992 | 288 | 16196 | 03 | 1 |
| | 168 | 93990 | 035 | 90996 | | | | | 03 | 1 |
| 109 | 136 | 01992 | 091 | 01992 | 101 | 47*** | | | 03 | 1 |
| 76 | | | | | | | | | | |
| 491 | 520 | 56595 | 507 | 57993 | 101 | 44*** | | | 02 | 1 |
| 679 | 156 | 15995 | | | | | | | 03 | 1 |
| 78 | | | | | | | | | | |
| 806 | 310 | 87894 | 220 | 07991 | 150 | 08998 | | | 03 | 1 |
| 91 | | | | | | | | | | |
| 115 | 312 | 79992 | 260 | 88994 | 158 | 14990 | | | 03 | 1 |
| 182 | 271 | 88991 | 104 | 26999 | 071 | 15993 | | | 03 | 1 |
| 215 | 202 | 02994 | 101 | 58 | | | | | 03 | 1 |
| 245 | 636 | 03577 | 508 | 58624 | 469 | 62694 | 442 | 64749 | 03 | 1 |
| | 400 | 70788 | 367 | 64873 | 274 | 99990 | 142 | 17996 | 03 | 1 |
| 366 | 101 | 55 | | | | | | | 03 | 1 |
| 9LL | | OCEAN | STA | | | | | | | |
| 034 | 428 | 69784 | 343 | 79878 | 288 | 90983 | 186 | 15990 | 03 | 9 |
| | 173 | 15999 | 130 | 12992 | 101 | 68*** | 071 | 62*** | 03 | 9 |
| 035 | 534 | 55604 | 467 | 62794 | 400 | 70753 | 365 | 75786 | 03 | 9 |
| | 341 | 78874 | 282 | 89001 | 160 | 16990 | 110 | 17998 | 03 | 9 |
| | 064 | 11992 | | | | | | | 03 | 9 |
| 044 | 361 | 80843 | 301 | 89975 | 203 | 08996 | 061 | 03997 | 03 | 9 |
| 053 | 461 | 69733 | 400 | 76795 | 324 | 88914 | | | 03 | 9 |
| 055 | 324 | 90990 | 213 | 12992 | 148 | 01996 | | | 03 | 9 |
| 063 | 323 | 90990 | 238 | 05994 | 207 | 08920 | 072 | 98999 | 03 | 9 |
| 134 | 117 | 20996 | 046 | 05997 | | | | | 03 | 9 |
| 144 | 260 | 00995 | 208 | 02993 | 086 | 02994 | | | 03 | 9 |
| 223 | 352 | 64 | 235 | 82 | 175 | 92*** | 135 | 03*** | 03 | 1 |
| 237 | 466 | 62998 | 400 | 73997 | 242 | 98999 | 172 | 11960 | 03 | 9 |
| 360 | 400 | 79868 | 214 | 06 | 172 | 97*** | 100 | 94*** | 03 | 5 |

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| Index No. iii | 1st. 5th. etc. Level PPP | TTTTT ddx | 2nd. 6th. etc. Level PPP | TTTTT ddx | 3rd. 7th. etc. Level PPP | TTTTT ddx | 4th. 8th. etc. Level PPP | TTTTT ddx | Hour GG | Code Type |
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| 001 | 471 | 72776 | 400 | 80869 | 320 | 91977 | 272 | 99992 | 03 | 8 |
| | 228 | 95990 | 212 | 03997 | 180 | 96993 | | | 03 | 8 |
| 030 | 173 | 92 1 | | | | | | | 03 | 8 |
| 384 | 504 | 65 | 400 | 78992 | 339 | 85*** | 281 | 96*** | 03 | 5 |
| | 216 | 05 | 204 | 04 | | | | | 03 | 5 |
| 415 | 415 | 76843 | 400 | 78871 | 222 | 07994 | 210 | 07995 | 03 | 8 |
| | 188 | 02992 | 156 | 99991 | 144 | 99998 | | | 03 | 8 |
| 02 | | | | | | | | | | |
| 077 | 274 | 98992 | 237 | 04997 | 219 | 05990 | 195 | 98993 | 03 | 5 |
| | 063 | 94991 | | | | | | | 03 | 5 |
| 03 | | | | | | | | | | |
| 953 | 087 | 38 0 | | | | | | | 03 | 7 |
| 04 | | | | | | | | | | |
| 018 | 522 | 64742 | 492 | 66815 | 400 | 78991 | 330 | 90990 | 03 | 1 |
| | 265 | 00993 | | | | | | | 03 | 1 |
| 231 | 486 | 67811 | 400 | 78907 | 327 | 90982 | 205 | 10995 | 09 | 1 |
| | 175 | 00995 | 127 | 98995 | 101 | 58*** | | | 09 | 1 |
| 270 | 400 | 81995 | 344 | 89994 | | | | | 11 | 1 |
| 06 | | | | | | | | | | |
| 260 | 710 | 00501 | 682 | 53541 | 654 | 53563 | 489 | 66701 | 03 | 8 |
| | 208 | 03 | 181 | 02 | 165 | 98*** | | | 03 | 8 |
| 610 | 524 | 57728 | 478 | 64784 | 341 | 79907 | 303 | 87971 | 05 | 5 |
| | 208 | 01 0 | 197 | 97 0 | 143 | 00**1 | | | 05 | 5 |
| 07 | | | | | | | | | | |
| 110 | 623 | 56612 | 580 | 59751 | 542 | 63692 | 486 | 68743 | 02 | 5 |
| | 318 | 90951 | 283 | 95 4 | 230 | 92**7 | | | 02 | 5 |
| 145 | 880 | 79857 | 274 | 95 0 | 202 | 06**4 | 717 | 02**1 | 02 | 8 |
| | 128 | 02 7 | 088 | 05 4 | 070 | 05**0 | | | 02 | 8 |
| 190 | 559 | 56691 | 440 | 56763 | 325 | 74834 | 311 | 8593* | 03 | 8 |
| | 268 | 92 1 | 147 | 99 0 | 102 | 04**7 | | | 03 | 8 |
| 480 | 356 | 83964 | 232 | 00 1 | 185 | 03**4 | 150 | 04**1 | 02 | 8 |
| | 126 | 07 7 | | | | | | | 02 | 8 |
| 510 | 490 | 65671 | 455 | 67702 | 390 | 75788 | 344 | 79838 | 02 | 5 |
| | 283 | 90932 | 229 | 00 0 | 171 | 00**1 | | | 02 | 5 |
| 645 | 717 | 04612 | 689 | 04612 | 669 | 01640 | 657 | 01640 | 02 | 8 |
| | 632 | 00652 | 609 | 54682 | | | | | 02 | 8 |
| 08 | | | | | | | | | | |
| 509 | 445 | 66691 | 400 | 72746 | 288 | 90941 | | | 03 | 1 |
| | 165 | 08992 | 133 | 09990 | 101 | 58*** | | | 03 | 1 |
| 521 | 400 | 6984 | 161 | 09991 | 149 | 14990 | 113 | 20997 | 14 | 8 |
| | 079 | 18993 | 060 | 07996 | | | | | 14 | 8 |
| 536 | 400 | 72818 | 384 | 73871 | 253 | 97990 | 210 | 02998 | 14 | 8 |
| | 184 | 00992 | 126 | 10998 | 090 | 12998 | | | 14 | 8 |
| 10 | | | | | | | | | | |
| 384 | 322 | 90921 | 225 | 00995 | 164 | 00993 | 086 | 00992 | 03 | 5 |
| | 070 | 98995 | | | | | | | 03 | 5 |
| 633 | 605 | 53660 | 528 | 60666 | 464 | 67787 | 455 | 67999 | 03 | 5 |
| | 400 | 74990 | 296 | 90990 | 202 | 06995 | 173 | 02994 | 03 | 5 |
| | 138 | 01998 | | | | | | | 03 | 5 |
| 866 | 388 | 75802 | 319 | 83947 | 225 | 02991 | 194 | 08996 | 03 | 5 |
| | 173 | 07991 | | | | | | | 03 | 5 |
| 11 | | | | | | | | | | |
| 030 | 428 | 70847 | 400 | 74 7 | 322 | 84**7 | | | 03 | 5 |
| 40 | | | | | | | | | | |
| 648 | 476 | 24950 | 325 | 99660 | 260 | 78450 | | | 02 | 7 |
| 42 | | | | | | | | | | |
| 339 | 682 | | 904 | | | | | | 29 | 8 |
| 47 | | | | | | | | | | |
| 580 | 150 | 31990 | 135 | 23993 | 101 | 59*** | | | 03 | 1 |
| 635 | 101 | 56 | | | | | | | 03 | 1 |
| 646 | 075 | 03992 | 051 | 96994 | | | | | 03 | 1 |
| 671 | 400 | 67993 | 260 | 90990 | 191 | 06990 | 101 | 59*** | 03 | 1 |
| 744 | 400 | 57706 | 267 | 80905 | 153 | 04990 | 133 | 11990 | 03 | 1 |
| | 080 | 15996 | 063 | 12990 | | | | | 03 | 1 |
| 778 | 089 | 08993 | | | | | | | 03 | 1 |
| 808 | 247 | 84998 | 136 | 17997 | 096 | 10992 | | | 03 | 1 |
| 827 | 175 | 95990 | 155 | 96990 | 101 | 58*** | | | 03 | 1 |
| 60 | | | | | | | | | | |
| 390 | 666 | 08603 | 605 | 01659 | 571 | 53691 | 554 | 56783 | 02 | 5 |
| | 536 | 59736 | 411 | 71804 | 399 | 71801 | | | 02 | 5 |
| | 371 | 86955 | 281 | 91 0 | 258 | 96**1 | 230 | 00**7 | 02 | 8 |
| 61 | | | | | | | | | | |
| 642 | 155 | 17 7 | 100 | 18 1 | 086 | 14**7 | | | 07 | 5 |
| 62 | | | | | | | | | | |
| 366 | 400 | 63 4 | | | | | | | 03 | 5 |
| 70 | | | | | | | | | | |
| 026 | 597 | 57646 | 523 | 64792 | 464 | 69764 | 400 | 75887 | 03 | 1 |
| | 310 | 90003 | 196 | 09998 | 154 | 98992 | 109 | 95991 | 03 | 1 |
| 200 | 400 | 76793 | 310 | 90 2 | 204 | 05997 | 196 | 03996 | 03 | 1 |
| 204 | 268 | 98999 | 131 | 92997 | | | | | 03 | 1 |
| 219 | 178 | 96993 | 050 | 91997 | | | | | 03 | 1 |
| 261 | 321 | 90980 | 221 | 06997 | 122 | 97995 | | | 03 | 1 |
| 273 | 400 | 76849 | 309 | 90983 | | | 177 | 00996 | 03 | 1 |
| 350 | 350 | 82995 | 118 | 94994 | | | | | 03 | 1 |
| 381 | 134 | 94998 | | | | | | | 03 | 1 |
| 454 | | | | | 330 | 89997 | 266 | 97990 | 03 | 1 |
| | 166 | 90990 | 090 | 93991 | 101 | 55*** | | | 03 | 1 |
| 485 | 101 | 53 | | | | | | | 04 | 1 |
| 72 | | | | | | | | | | |
| 211 | 288 | 86973 | 270 | 89997 | 126 | 26990 | 068 | 11997 | 03 | 1 |
| 219 | 138 | 20992 | 102 | 24994 | 096 | 22997 | | | 03 | 1 |
| 304 | 120 | 16994 | | | | | | | 03 | 1 |
| 327 | 338 | 77818 | 152 | 14995 | | | | | 03 | 1 |
| 340 | 561 | 00620 | 417 | 65714 | 400 | 67762 | 101 | 68*** | 03 | 1 |
| | 093 | 83 | 358 | 71852 | 287 | 84953 | 259 | 90000 | 03 | 1 |
| | 196 | 04998 | | | | | | | 03 | 1 |
| 353 | 400 | 66743 | 324 | 77901 | 258 | 90990 | 154 | 13998 | 03 | 1 |
| | 101 | 68 | 097 | 92 | 081 | 65*** | | | 03 | 1 |
| 386 | 114 | 26990 | | | | | | | 03 | 1 |
| 405 | 400 | 68992 | 046 | 06999 | | | | | 03 | 1 |
| 445 | 286 | 90990 | 128 | 13994 | 120 | 12997 | | | 03 | 1 |
| 451 | 334 | 77849 | 263 | 90943 | 157 | 10997 | | | 03 | 1 |
| 493 | 264 | 90973 | 155 | 13996 | 110 | 20990 | 043 | 06992 | 03 | 1 |
| 518 | 275 | 89995 | 175 | 03993 | 114 | 12998 | 088 | 10996 | 03 | 1 |
| 520 | 434 | 65815 | 429 | 66752 | 417 | 67821 | 400 | 69802 | 05 | 1 |
| | 385 | 70867 | 282 | 88009 | 231 | 98998 | | | 05 | 1 |
| 528 | 314 | 87994 | 203 | 00995 | | | | | 03 | 1 |
| 534 | 227 | 03995 | 107 | 12992 | 061 | 07993 | | | 03 | 1 |
| 536 | 292 | 89956 | 243 | 05994 | 205 | 06993 | 194 | 04993 | 03 | 1 |
| | 098 | 13998 | 072 | 07994 | | | | | 03 | 1 |
| 553 | 140 | 08994 | 108 | 12999 | | | | | 03 | 1 |
| 562 | 362 | 77803 | 285 | 88934 | 186 | 06992 | 142 | 13990 | 03 | 1 |
| 597 | 228 | 02990 | 156 | 12991 | 150 | 11992 | | | 03 | 1 |
| 600 | 133 | 10990 | 101 | 58 | | | | | 03 | 1 |
| 606 | | 00000 | 267 | 89007 | 244 | 95992 | 188 | 03995 | 03 | 1 |
| | 097 | 06993 | | | | | | | 03 | 1 |
| 655 | 193 | 07994 | 147 | 04998 | | | | | 03 | 1 |
| 712 | 101 | 68053 | 372 | 79813 | 306 | 89927 | 210 | 04996 | 03 | 1 |
| | 125 | 10996 | 123 | 09997 | 101 | 68040 | | | 03 | 1 |
| 734 | 388 | 79907 | 363 | 83995 | 322 | 90983 | 231 | 07992 | 03 | 1 |
| | 164 | 01995 | | | | | | | 03 | 1 |
| 764 | 080 | 04994 | | | | | | | 03 | 1 |
| 798 | 400 | 74830 | 218 | 04991 | | | | | 03 | 1 |
| 836 | 101 | 58 | | | | | | | 03 | 1 |
| 867 | 220 | 03990 | 187 | 06995 | 147 | 03998 | | | 03 | 1 |
| 879 | 150 | 04997 | 089 | 04993 | 101 | 58*** | | | 03 | 1 |
| 896 | 101 | 47 | | | | | | | 03 | 1 |
| 906 | 210 | 03991 | 172 | 95990 | 160 | 95990 | 125 | 96997 | 03 | 1 |
| 907 | 253 | 90994 | 090 | 96994 | | | | | 03 | 1 |
| 913 | 287 | 02991 | 233 | 93994 | 154 | 96990 | 085 | 95999 | 03 | 1 |
| 915 | 363 | 95992 | 237 | 87898 | 060 | 95990 | | | 03 | 1 |
| 924 | 363 | 89979 | 275 | 00999 | 229 | 92993 | 080 | 93993 | 03 | 1 |
| 938 | 066 | 93993 | 101 | 67 | 024 | 17*** | | | 02 | 1 |
| 945 | 118 | 97999 | 101 | 58 | | | | | 03 | 1 |
| 964 | 400 | 82895 | 363 | 88935 | 289 | 00994. | 220 | 93991 | 03 | 1 |
| | 126 | 94994 | 101 | 58 | | | | | 03 | 1 |
| 968 | 540 | | 504 | 65739 | 403 | 76866 | 254 | 95994 | 03 | 1 |
| | 077 | 89992 | 101 | 58 | | | | | 03 | 1 |
| 74 | | | | | | | | | | |
| 074 | 552 | 67996 | 523 | 70855 | 475 | 75839 | 400 | 85941 | 03 | 1 |
| | 366 | 90983 | 253 | 92992 | 117 | 92992 | | | 03 | 1 |
| 109 | 103 | 96994 | 101 | 47 | | | | | 03 | 1 |
| 76 | | | | | | | | | | |
| 491 | 575 | 01579 | 534 | 52599 | 507 | 54674 | 468 | 67647 | 02 | 1 |
| | 432 | 62671 | 400 | 65721 | 379 | 78731 | 342 | 73863 | 02 | 1 |
| | 257 | 89993 | 142 | 20998 | 058 | 13995 | 044 | 09990 | 02 | 1 |
| 78 | | | | | | | | | | |
| 501 | 125 | 23995 | 063 | 15999 | | | | | 03 | 1 |
| 91 | | | | | | | | | | |
| 066 | 400 | 69842 | 270 | 90990 | 104 | 16993 | 043 | 06990 | 03 | 1 |
| 182 | 274 | 89985 | 168 | 08997 | 116 | 23995 | 084 | | 03 | 1 |
| 275 | 605 | 05994 | 400 | 65992 | 257 | 89996 | 124 | 19995 | 03 | 1 |
| | 101 | 58 | | | | | | | 03 | 1 |
| 98 | | | | | | | | | | |
| 327 | 166 | 10996 | 125 | 21993 | 101 | 58*** | | | 03 | 1 |
| 645 | 040 | 06997 | | | | | | | 03 | 8 |
| 9LL | | OCEAN | STA | | | | | | | |
| 034 | 633 | 01531 | 592 | 51695 | 568 | 53621 | 527 | 53727 | 03 | 9 |
| | 461 | 64692 | 368 | 76801 | 345 | 79927 | 296 | 90990 | 03 | 9 |
| | 167 | 16993 | 07 | 10990 | | | | | 03 | 9 |
| 035 | 151 | 22990 | 086 | 18993 | | | | | 03 | 9 |
| 037 | 538 | 53582 | 487 | 57681 | 475 | 58634 | 400 | 66721 | 03 | 9 |
| | 378 | 69802 | 335 | 75829 | 259 | 90960 | 153 | 17993 | 03 | 9 |
| 041 | 556 | 57635 | 544 | 60660 | 515 | 61672 | 464 | 69752 | 02 | 8 |
| | 420 | 72782 | 306 | 90 4 | | | | | 02 | 8 |
| 044 | 470 | 63769 | 458 | 62765 | 442 | 64808 | 400 | 71990 | 03 | 9 |
| | 338 | 81936 | 310 | 86951 | 292 | 89007 | 206 | 08996 | 03 | 9 |
| | 172 | 10996 | 065 | 06994 | | | | | 03 | 9 |
| 053 | 337 | 89000 | 212 | 07998 | 176 | 01995 | 098 | 03993 | 03 | 9 |
| 054 | 400 | 76831 | 314 | 88992 | 214 | 09992 | 168 | 04998 | 03 | 9 |
| | 101 | 68 | 040 | 31 | | | | | 03 | 9 |
| 055 | 108 | 01990 | | | | | | | 04 | 9 |
| 063 | 072 | 98999 | | | | | | | 03 | 9 |
| 134 | 400 | 70996 | 230 | 98993 | 120 | 18994 | 050 | 07992 | 03 | 9 |
| | | | | | | | | | 03 | 9 |
| 223 | 176 | 94 | | | | | | | 02 | 1 |
| 360 | 210 | 06 | 175 | 96 | 118 | 96*** | | | 03 | 5 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 01 | | | | | | | | | | |
| 001 | 420 | 76812 | 400 | 79843 | 235 | 97990 | 215 | 97999 | 03 | 8 |
| | 172 | 98991 | | | | | | | 03 | 8 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 384 | 230 | 07 | 186 | 99 | 168 | 00000 | 152 | 97*** | 03 | 5 |
| | 129 | 98 | | | | | | | 03 | 5 |
| 415 | 238 | 07993 | 215 | 08996 | 169 | 01998 | 113 | 01996 | 03 | 8 |
| 02 | | | | | | | | | | |
| 057 | 522 | 69727 | | | | | | | 03 | 8 |
| 04 | | | | | | | | | | |
| 018 | 251 | 01996 | 118 | 98998 | 101 | 68*** | 094 | 87*** | 03 | 6 |
| 202 | 579 | 61653 | 542 | 65691 | 400 | 80844 | 349 | 88913 | 03 | 1 |
| | 229 | 10991 | 203 | 01990 | | | | | 03 | 1 |
| 06 | | | | | | | | | | |
| 260 | 668 | 52561 | 588 | 56592 | 494 | 64703 | 425 | 71765 | 03 | 8 |
| | 292 | 93 | 241 | 99 | 214 | 99*** | 186 | 01*** | 03 | 8 |
| | 157 | 98 | 140 | 99 | 129 | 01*** | 114 | 99*** | 03 | 8 |
| | 102 | 99 | 090 | 01 | | | | | 03 | 8 |
| 07 | | | | | | | | | | |
| 110 | 424 | 77791 | 339 | 90941 | 300 | 96**0 | 295 | 95**0 | 02 | 5 |
| | 263 | 97 1 | 245 | 97 0 | 223 | 94**4 | | | 02 | 5 |
| 145 | 278 | 80589 | 285 | 89047 | 270 | 98**1 | 280 | 02**7 | 02 | 8 |
| | 121 | 99 1 | | | | | | | 02 | 8 |
| 190 | 482 | 61683 | 458 | 69741 | 421 | 73793 | 393 | 7688* | 02 | 8 |
| | 280 | 93 4 | 276 | 94 1 | 037 | 02**1 | | | 02 | 8 |
| 480 | 320 | 92 4 | 250 | 02 1 | 222 | 02**1 | 118 | 98**0 | 02 | 8 |
| | 140 | 04 7 | 104 | 05 1 | | | | | 02 | 8 |
| 510 | 566 | 58612 | 530 | 62704 | 490 | 64735 | 390 | 78883 | 02 | 5 |
| | 355 | 82949 | 330 | 87987 | 260 | 99**4 | | | 02 | 5 |
| 645 | 750 | 07504 | 725 | 03528 | 670 | 51560 | 635 | 52585 | 02 | 8 |
| | 562 | 59660 | 536 | 61684 | | | | | 02 | 8 |
| 08 | | | | | | | | | | |
| 509 | 511 | 59638 | 443 | 66766 | 400 | 71788 | 292 | 90962 | 03 | 1 |
| | 187 | 14992 | 166 | 12992 | | | | | 03 | 1 |
| 521 | 400 | 71864 | 215 | 02994 | 137 | 19996 | 128 | 18996 | 14 | 8 |
| | 115 | 22994 | 113 | 19997 | 101 | 23995 | | | 14 | 8 |
| 536 | 332 | 79990 | | | | | | | 14 | 8 |
| 10 | | | | | | | | | | |
| 338 | 213 | 37 0 | 189 | 44 0 | 084 | 39**0 | | | 02 | 2 |
| 384 | 316 | 89933 | 215 | 02996 | 217 | 03997 | 167 | 97990 | 03 | 5 |
| 419 | 179 | 38 0 | 050 | 40 0 | | | | | 02 | 2 |
| 633 | 315 | 89992 | 215 | 04994 | 127 | 97992 | | | 03 | 5 |
| 866 | 190 | 98992 | 147 | 01995 | | | | | 03 | 5 |
| 11 | | | | | | | | | | |
| 567 | 115 | 02997 | 058 | 02990 | | | | | 05 | 5 |
| 16 | | | | | | | | | | |
| 596 | 214 | 47 0 | 166 | 32 0 | 121 | 14**0 | 109 | 23**0 | 02 | 2 |
| | 084 | 15 0 | | | | | | | 02 | 2 |
| 17 | | | | | | | | | | |
| 606 | 124 | 04 0 | 092 | 08 0 | | | | | 02 | 7 |
| 40 | | | | | | | | | | |
| 427 | 121 | 15 0 | 088 | 90 0 | | | | | 14 | 2 |
| 648 | 268 | 72440 | 237 | 63400 | 127 | 06**0 | 124 | 03**0 | 02 | 2 |
| 42 | | | | | | | | | | |
| 339 | 160 | 08 | 115 | 14 | | | | | 15 | 8 |
| 47 | | | | | | | | | | |
| 412 | 445 | 52633 | 400 | 58693 | 329 | 68786 | 287 | 75851 | 03 | 1 |
| | 245 | 81911 | 224 | 87962 | 156 | 94992 | 129 | 02996 | 03 | 1 |
| | 117 | 04996 | 101 | 47 | | | | | 03 | 1 |
| 580 | 443 | 57992 | 101 | 55 | | | | | 03 | 1 |
| 590 | 261 | 82750 | 129 | 14995 | 060 | 13990 | | | 03 | 1 |
| 600 | 345 | 66990 | 244 | 86990 | 166 | 99998 | 161 | 01990 | 03 | 1 |
| | 147 | 05990 | 101 | 58 | | | | | 03 | 1 |
| 635 | 310 | 79990 | 148 | 73990 | 101 | 42*** | | | 10 | 1 |
| 646 | 089 | 18992 | | | | | | | 03 | 1 |
| 671 | 325 | 76992 | 254 | 90990 | 190 | 04990 | 101 | 47*** | 03 | 1 |
| 744 | 280 | 84999 | 231 | 96995 | 169 | 11993 | 128 | 14996 | 03 | 1 |
| | 096 | 13999 | | | | | | | 03 | 1 |
| 778 | 145 | 11998 | 101 | 58 | | | | | 03 | 1 |
| 808 | 172 | 07998 | 110 | 20996 | 101 | 55*** | | | 03 | 1 |
| 827 | 107 | 18990 | 075 | 16995 | | | | | 03 | 1 |
| 60 | | | | | | | | | | |
| 390 | 398 | 53653 | 507 | 64746 | 436 | 72816 | 382 | 76855 | 02 | 5 |
| | 274 | 92111 | 225 | 96111 | 197 | 02114 | | | 02 | 5 |
| 61 | | | | | | | | | | |
| 642 | 503 | 59635 | 495 | 58708 | 443 | 62719 | 347 | 71**8 | 07 | 5 |
| 62 | | | | | | | | | | |
| 011 | 313 | 82994 | | | | | | | 03 | 5 |
| 366 | 400 | 61 4 | | | | | | | 03 | 5 |
| | 400 | | | | | | | | 03 | 5 |
| 70 | | | | | | | | | | |
| 026 | 101 | 58 | | | | | | | 03 | 1 |
| 133 | 312 | 90003 | 212 | 07998 | 160 | 95991 | | | 03 | 1 |
| 200 | 472 | | 418 | 79854 | 400 | 81897 | | | 03 | 1 |
| 204 | 364 | 89006 | | | 250 | 92991 | 075 | 93991 | 03 | 1 |
| 219 | 400 | 82906 | 352 | 90970 | 264 | 03995 | 086 | 96990 | 03 | 1 |
| 261 | 231 | 07994 | 180 | 97994 | 098 | 96991 | | | 03 | 1 |
| 273 | 330 | 90961 | 232 | 07990 | 113 | 00990 | | | 03 | 1 |
| 291 | 054 | 94991 | | | | | | | 03 | 1 |
| 350 | 302 | 86990 | | | | | | | 03 | 1 |
| 398 | | | 276 | 98995 | 252 | 00998 | 112 | 97991 | 03 | 1 |
| 485 | | | | | 371 | 76820 | | 79900 | 04 | 1 |
| | | 90980 | 082 | 07993 | 172 | 02990 | 060 | 93997 | 04 | 1 |
| | 101 | 58 | | | | | | | 04 | 1 |
| 72 | | | | | | | | | | |
| 211 | 400 | 67777 | 350 | 73774 | 260 | 89931 | 150 | 16996 | 03 | 1 |
| | 117 | 22996 | 102 | 21993 | | | | | 03 | 1 |
| 219 | 565 | 00572 | 469 | 57708 | 442 | 61664 | 400 | 65704 | 03 | 1 |
| | 265 | 88923 | 155 | 18993 | | | | | 03 | 1 |
| 250 | 141 | 22990 | | | | | | | 03 | 1 |
| 253 | 306 | 78907 | 275 | 85993 | 254 | 88934 | 138 | 21990 | 03 | 1 |
| | 108 | 26992 | | | | | | | 03 | 1 |
| 265 | 108 | 25994 | | | | | | | 03 | 1 |
| 270 | 044 | 40 | 107 | 30990 | 101 | 90*** | 104 | 69*** | 03 | 1 |
| | 101 | 68 | 040 | 27 | | | | | 03 | 1 |
| 304 | 424 | 63714 | 400 | 66744 | 101 | 68*** | 048 | 42*** | 03 | 1 |
| | 385 | 67725 | 256 | 89932 | 127 | 24994 | | | 03 | 1 |
| 317 | 140 | 20998 | 137 | 20996 | | | | | 03 | 1 |
| 340 | 086 | 15995 | | | | | | | 03 | 1 |
| 365 | 101 | 68 | 065 | 60 | 059 | 54*** | | | 03 | 1 |
| | 350 | 74886 | 306 | 80992 | | | | | 03 | 1 |
| 386 | 116 | 26994 | | | | | | | 03 | 1 |
| 394 | 556 | 01675 | 441 | 60759 | 400 | 65774 | 287 | 83944 | 03 | 1 |
| | 118 | 24992 | | | | | | | 03 | 1 |
| 405 | 116 | 18993 | 075 | 12998 | | | | | 03 | 1 |
| 445 | 114 | 12996 | 108 | 11999 | | | | | 03 | 1 |
| 506 | 462 | 61787 | 439 | 64733 | 418 | 67791 | 400 | 69774 | 03 | 1 |
| | 369 | 74795 | 337 | 78883 | 310 | 81939 | 134 | 15994 | 03 | 1 |
| | 104 | 14998 | | | | | | | 03 | 1 |
| 518 | 114 | 11993 | 104 | 09992 | | | | | 03 | 1 |
| 520 | 370 | 74874 | 280 | 90942 | 208 | 04992 | | | 05 | 1 |
| 528 | 432 | 69997 | 400 | 75992 | 101 | 68*** | 099 | 94*** | 03 | 1 |
| | 085 | 76 | 056 | 50 | 313 | 89991 | 210 | 05993 | 03 | 1 |
| | 188 | 05995 | | | | | | | 03 | 1 |
| 534 | 118 | 11990 | 074 | 08994 | | | | | 03 | 1 |
| 553 | 196 | 07998 | 087 | 12990 | | | | | 03 | 1 |
| 576 | 400 | 72807 | 376 | 75846 | 360 | 78841 | 320 | 85963 | 03 | 1 |
| | 125 | 19993 | 092 | 12992 | | | | | 03 | 1 |
| 597 | 250 | 97995 | 175 | 06999 | | | | | 03 | 1 |
| 600 | 400 | 69931 | 152 | 10997 | 101 | 58*** | | | 03 | 1 |
| 606 | 400 | 72756 | 612 | 10169 | 292 | 89926 | 263 | 95991 | 03 | 1 |
| | 135 | 08998 | | | | | | | 03 | 1 |
| 655 | 050 | 03995 | | | | | | | 03 | 1 |
| 662 | 132 | 11996 | | | | | | | 03 | 1 |
| 712 | 400 | 76993 | 308 | 89994 | 222 | 04993 | 175 | 05991 | 03 | 1 |
| | 134 | 04993 | | | | | | | 03 | 1 |
| 734 | 558 | 58751 | 400 | 78995 | 324 | 90990 | 212 | 05999 | 03 | 1 |
| | 144 | 03995 | | | | | | | 03 | 1 |
| 747 | 314 | 89986 | 197 | 12996 | 148 | 04994 | | | 03 | 1 |
| 764 | 184 | 09995 | 142 | 09996 | 089 | 07996 | | | 03 | 1 |
| 768 | 108 | 02998 | 094 | 10995 | | | | | 03 | 1 |
| 785 | 218 | 02994 | 161 | 02990 | | | | | 03 | 1 |
| 815 | 235 | 98990 | 101 | 58 | | | | | 03 | 1 |
| 826 | 696 | 54705 | 678 | 57613 | 658 | 57766 | 601 | 61757 | 03 | 1 |
| | 561 | 66767 | 515 | 70825 | 400 | 83994 | 279 | 00994 | 03 | 1 |
| | 250 | 98990 | 155 | 93997 | 049 | 97994 | 101 | 58*** | 03 | 1 |
| 836 | 400 | 83944 | 310 | 95996 | 238 | 96990 | 148 | 95994 | 03 | 1 |
| | 132 | 97993 | 083 | 98991 | 101 | 67*** | 031 | 24*** | 03 | 1 |
| | 101 | 58 | | | | | | | 03 | 1 |
| 867 | 164 | 06994 | | | | | | | 03 | 1 |
| 879 | 805 | 07991 | 101 | 58 | | | | | 03 | 1 |
| 896 | 317 | 89937 | 240 | 04995 | 090 | 01994 | 101 | 46*** | 03 | 1 |
| 907 | 235 | 90994 | 175 | 92990 | | | | | 03 | 1 |
| 909 | 165 | 93990 | 101 | 58 | | | | | 03 | 1 |
| 913 | 510 | 68828 | 466 | 72767 | 400 | 78862 | 315 | 90900 | 03 | 1 |
| | 237 | 03990 | 040 | 95993 | | | | | 03 | 1 |
| 915 | 343 | 93994 | 238 | 88992 | 190 | 90990 | 180 | 87996 | 03 | 1 |
| | 160 | 92990 | 056 | 93999 | | | | | 03 | 1 |
| 917 | 425 | 81921 | 400 | 84931 | 361 | 89977 | 294 | 00999 | 03 | 1 |
| | 264 | 95998 | | | | | | | 03 | 1 |
| 924 | 350 | 90000 | 253 | 03995 | 230 | 96990 | 105 | 95990 | 03 | 1 |
| 934 | 072 | 93993 | 101 | 58 | | | | | 03 | 1 |
| 945 | 233 | 02993 | 223 | 00995 | 194 | 01997 | 094 | 96998 | 03 | 1 |
| 968 | 218 | 02995 | 151 | 92996 | 060 | 87991 | 101 | 58*** | 02 | 1 |
| 74 | | | | | | | | | | |
| 043 | 556 | 62795 | 444 | 74816 | 432 | 75851 | 400 | 79869 | 03 | 1 |
| | 249 | 02995 | 054 | 94994 | | | | | 03 | 1 |
| 090 | 568 | 62714 | 548 | 63754 | 456 | 73853 | 400 | 79999 | 03 | 1 |
| | 220 | 09995 | 087 | 94994 | | | | | 03 | 1 |
| 76 | | | | | | | | | | |
| 458 | 105 | 20996 | | | | | | | 02 | 1 |
| 491 | 460 | 60677 | 420 | 64682 | 406 | 26770 | 400 | 65768 | 02 | 1 |
| | 364 | 71793 | 332 | 75796 | 256 | 87961 | 120 | 22991 | 02 | 1 |
| 78 | | | | | | | | | | |
| 325 | 422 | 65814 | 409 | 67761 | 400 | 67786 | | | 03 | 1 |
| 367 | 400 | 68765 | | | | | | | 03 | 6 |
| 501 | 115 | 25995 | | | | | | | 03 | 1 |
| 972 | 165 | 15990 | 113 | 26993 | 101 | 58*** | | | 03 | 1 |
| 91 | | | | | | | | | | |
| 066 | 600 | 02652 | 400 | 68992 | | 90990 | 147 | 13996 | 03 | 1 |
| | 101 | 69 | 002 | 72 | 909 | 90*** | | | 03 | 1 |
| 182 | 400 | 67999 | 321 | 81922 | 280 | 90983 | 155 | 11995 | 03 | 1 |
| | 112 | 23995 | 023 | 96990 | | | | | 03 | 1 |
| 215 | 124 | 26999 | 037 | 02993 | 101 | 55*** | | | 03 | 1 |
| 245 | | | 371 | 27801 | 345 | 76904 | 271 | 79002 | 03 | 1 |
| | 154 | 17993 | | | | | | | 03 | 1 |
| 366 | 101 | 68 | 090 | 26 | 101 | 59*** | | | 03 | 1 |
| 98 | | | | | | | | | | |
| 327 | 140 | 12990 | 101 | 58 | | | | | 03 | 1 |
| 8LL | | OCEAN | STA | | | | | | | |
| 034 | 166 | 11995 | 128 | 15994 | 085 | 14998 | | | 03 | 9 |
| 035 | 572 | 51609 | 418 | 65821 | 400 | 66998 | 353 | 73885 | 03 | 9 |
| | 277 | 87945 | 153 | 18998 | 131 | 22991 | 088 | 18993 | 03 | 9 |
| 037 | 566 | 00533 | 400 | 66 1 | 384 | 69741 | 256 | 90981 | 03 | 9 |
| | 145 | 21995 | 134 | 18990 | | | | | 03 | 9 |

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| Index No. iii | 1st. 5th. etc. Level PPP | TTTTT ddx | 2nd. 6th. etc. Level PPP | TTTTT ddx | 3rd. 7th. etc. Level PPP | TTTTT ddx | 4th. 8th. etc. Level PPP | TTTTT ddx | Hour GG | Code Type |
|---|---|---|---|---|---|---|---|---|---|---|
| 044 | 510 | 57744 | 462 | 62771 | 442 | 65753 | 400 | 69819 | 03 | 9 |
| | 352 | 76845 | 343 | 76897 | 285 | 88998 | 237 | 98994 | 03 | 9 |
| | 138 | 13990 | 110 | 13998 | 060 | 05993 | | | 03 | 9 |
| 053 | 400 | 75809 | 380 | 78835 | | | | | 03 | 9 |
| 055 | 236 | 07997 | 060 | 98998 | | | | | 03 | 9 |
| 063 | 630 | 56722 | 618 | 57651 | 564 | 61754 | 462 | 72781 | 03 | 9 |
| | 400 | 80842 | 334 | 90942 | 240 | 07990 | 220 | 07997 | 03 | 9 |
| | 191 | 98998 | 087 | 00990 | | | | | 03 | 9 |
| 134 | 236 | 94990 | 131 | 17999 | 070 | 13995 | | | 03 | 9 |
| 246 | 150 | 03992 | 101 | 67 | 090 | 71*** | | | 03 | 9 |
| 360 | 227 | 05 | 209 | 00 | 282 | 97*** | 147 | 97*** | 03 | 5 |

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| Index No. iii | 1st. 5th. etc. Level PPP | TTTTT ddx | 2nd. 6th. etc. Level PPP | TTTTT ddx | 3rd. 7th. etc. Level PPP | TTTTT ddx | 4th. 8th. etc. Level PPP | TTTTT ddx | Hour GG | Code Type |
|---|---|---|---|---|---|---|---|---|---|---|
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| 001 | 556 | 67696 | 400 | 83851 | 369 | 99999 | 239 | 00591 | 03 | 8 |
| | 250 | 96995 | 229 | 93998 | 117 | 91990 | | | 03 | 8 |
| 384 | 648 | 56637 | 574 | 63719 | 400 | 80897 | 388 | 81892 | 03 | 5 |
| | 224 | 09 | 164 | 02 | 082 | 99*** | | | 03 | 5 |
| 415 | 433 | 79880 | 410 | 80891 | 400 | 81907 | 359 | 87967 | 03 | 8 |
| 02 | | | | | | | | | | |
| 077 | 220 | 07990 | 178 | 98995 | 040 | 89995 | | | 03 | 5 |
| 084 | 405 | 78874 | 300 | 97054 | 240 | 05995 | 232 | 05995 | 03 | 8 |
| | 220 | 02998 | 178 | 00990 | 167 | 01995 | | | 03 | 8 |
| 03 | | | | | | | | | | |
| 953 | 252 | 32 0 | 225 | 43 0 | 148 | 43**0 | 103 | 41**0 | 03 | 2 |
| 04 | | | | | | | | | | |
| 202 | 400 | 80884 | 340 | 88979 | 226 | 09994 | 193 | 98999 | 03 | 1 |
| 06 | | | | | | | | | | |
| 011 | 019 | 91998 | | | | | | | 03 | 8 |
| 260 | 393 | 77834 | 355 | 82 | 262 | 99*** | 239 | 04*** | 03 | 8 |
| | 227 | 06 | 209 | 97 | 187 | 95*** | 169 | 96*** | 03 | 8 |
| | 165 | 95 | 148 | 94 | | | | | 03 | 8 |
| 07 | | | | | | | | | | |
| 110 | 580 | 59657 | 532 | 65744 | 444 | 76843 | 355 | 88971 | 02 | 8 |
| 145 | 440 | 75916 | 292 | 80961 | 275 | 01**0 | 249 | 05**0 | 02 | 8 |
| | 192 | 05 4 | 182 | 00 7 | 184 | 99**0 | | | 02 | 8 |
| 190 | 515 | 63726 | 474 | 65744 | 380 | 78881 | 318 | 8493* | 03 | 8 |
| | 795 | 91 1 | 198 | 08 0 | 268 | 98**0 | | | 02 | 8 |
| 480 | 258 | 99 7 | 228 | 08 4 | 200 | 08**0 | 185 | 02**4 | 02 | 8 |
| | 127 | 04 7 | | | | | | | 02 | 8 |
| 510 | 650 | 00558 | 590 | 54628 | 550 | 59676 | 500 | 63715 | 02 | 5 |
| | 340 | 87955 | 300 | 93 4 | 255 | 02**4 | | | 02 | 5 |
| 645 | 643 | 52616 | 627 | 52624 | 534 | 62741 | 499 | 67790 | 02 | 8 |
| | 406 | 78915 | 356 | 87992 | | | | | 02 | 8 |
| 08 | | | | | | | | | | |
| 509 | 400 | 70789 | 329 | 82884 | 101 | 55*** | | | 03 | 1 |
| 521 | 114 | 18994 | 083 | 13993 | | | | | 14 | 8 |
| 10 | | | | | | | | | | |
| 384 | 523 | 63782 | 490 | 66741 | 433 | 72785 | 400 | 75864 | 03 | 5 |
| | 330 | 87956 | 296 | 94990 | | | | | 03 | 5 |
| 633 | 168 | 00995 | 130 | 96993 | | | | | 03 | 5 |
| 866 | 225 | 04997 | 195 | 00993 | 170 | 98999 | | | 03 | 5 |
| 11 | | | | | | | | | | |
| 030 | 220 | 04 6 | 150 | 97 7 | 116 | 02**3 | | | 03 | 5 |
| 40 | | | | | | | | | | |
| 427 | 271 | 81670 | 164 | 28 0 | 115 | 05**0 | 57* | | 14 | 2 |
| 648 | 520 | 38 | 418 | 17660 | 239 | 72440 | 125 | 26**0 | 02 | 7 |
| | 105 | 14 0 | 094 | 12 0 | | | | | 02 | 7 |
| 42 | | | | | | | | | | |
| 909 | 527 | 50500 | 200 | 88 | | | | | 14 | 8 |
| 47 | | | | | | | | | | |
| 580 | 184 | 08990 | 101 | 59 | | | | | 03 | 1 |
| 600 | 305 | 76897 | 211 | 96990 | 151 | 08993 | 122 | 13994 | 03 | 1 |
| | 101 | 56 | | | | | | | 03 | 1 |
| 671 | 008 | 91994 | 101 | 58 | | | | | 03 | 1 |
| 744 | 173 | 00997 | 101 | 58 | | | | | 03 | 1 |
| 778 | 141 | 15997 | 101 | 58 | | | | | 03 | 1 |
| 60 | | | | | | | | | | |
| 390 | 508 | 62748 | 460 | 67771 | 380 | 76879 | | | 02 | 5 |
| 61 | | | | | | | | | | |
| 642 | 397 | 70721 | 366 | 74997 | 184 | 07**7 | 133 | 18**4 | 07 | 5 |
| | 102 | 21 4 | | | | | | | 07 | 5 |
| 70 | | | | | | | | | | |
| 200 | 101 | 69 | 300 | 19 | | | | | 03 | 1 |
| 204 | 078 | 93994 | | | | | | | 04 | 1 |
| 219 | 296 | 90931 | 214 | 05994 | 052 | 93993 | | | 03 | 1 |
| 231 | 236 | 01999 | 070 | 96994 | | | | | 03 | 1 |
| 273 | 322 | 90982 | 273 | 00990 | 250 | 00990 | 096 | 98993 | 03 | 1 |
| 361 | | 60695 | 462 | 73873 | 400 | 82991 | 357 | 91993 | 03 | 1 |
| | 258 | 02996 | 087 | 96994 | | | | | 03 | 1 |
| 398 | 246 | 04999 | 182 | 96996 | | | | | 02 | 1 |
| 439 | 507 | 65821 | 400 | 74891 | 307 | 85952 | 272 | 90990 | 03 | 1 |
| | 224 | 98997 | 125 | 93997 | 101 | 58*** | | | 03 | 1 |
| 454 | 101 | 58 | 266 | 87965 | 209 | 00995 | 068 | 90995 | 03 | 1 |
| 72 | | | | | | | | | | |
| 202 | 101 | 69552 | | | | | | | 03 | 1 |
| 211 | 077 | 19993 | | | | | | | 03 | 1 |
| 240 | 254 | 90951 | 175 | 10993 | 099 | 24996 | 087 | 20990 | 03 | 1 |
| 250 | 128 | 21999 | | | | | | | 03 | 1 |
| 265 | 105 | 22999 | 078 | 17998 | | | | | 03 | 1 |
| 304 | 146 | 19996 | 120 | 18998 | | | | | 03 | 1 |
| 340 | 550 | 53645 | 473 | 59746 | 400 | 68995 | 332 | 79906 | 03 | 1 |
| | 278 | 87974 | 161 | 08995 | | | | | 03 | 1 |
| 353 | 120 | 18995 | 111 | 15999 | | | | | 03 | 1 |
| 386 | 132 | 19993 | | | | | | | 03 | 1 |
| 394 | 598 | 05522 | 537 | 51568 | 490 | 56702 | 484 | 56654 | 03 | 1 |
| | 467 | 58721 | 420 | 63702 | 400 | 66741 | 258 | 90990 | 03 | 1 |
| | 142 | 16995 | 092 | 24995 | | | | | 03 | 1 |
| 486 | 102 | 21991 | 055 | 09996 | | | | | 03 | 1 |
| 493 | 265 | 89997 | 138 | 16993 | 043 | 02994 | | | 03 | 1 |
| 518 | 186 | 09990 | 101 | 68043 | | | | | 03 | 1 |
| 528 | 436 | 66825 | 400 | 72847 | 371 | 75812 | 331 | 80854 | 03 | 1 |
| | 281 | 88935 | 153 | 14994 | 086 | 10990 | | | 03 | 1 |
| 536 | 674 | 05675 | 590 | 51991 | 549 | 54739 | 443 | 66721 | 03 | 1 |
| | 428 | 67783 | 400 | 71797 | 368 | 74791 | 285 | 88928 | 03 | 1 |
| | 142 | 13993 | 130 | 12992 | | | | | 03 | 1 |
| 553 | 379 | 73808 | 289 | 88986 | 218 | 04993 | 148 | 07993 | 03 | 1 |
| | 095 | 15996 | 055 | 08993 | | | | | 03 | 1 |
| 576 | 150 | 12992 | 140 | 09998 | 110 | 20991 | 080 | 09996 | 03 | 1 |
| 600 | 101 | 58 | | | | | | | 03 | 1 |
| 606 | 607 | 50996 | 400 | 72998 | 345 | 79928 | 320 | 81874 | 03 | 1 |
| | 285 | 87929 | 168 | 13998 | 133 | 15990 | 098 | 10990 | 03 | 1 |
| 655 | 295 | 89986 | 195 | 07990 | | | | | 03 | 1 |
| 712 | 400 | 75993 | 310 | 89999 | 234 | 03995 | 183 | 07992 | 03 | 1 |
| | 103 | 06998 | | | | | | | 03 | 1 |
| 734 | 520 | 58731 | 462 | 65774 | 400 | 74789 | 193 | 08995 | 03 | 1 |
| 747 | 420 | 70849 | 400 | 73852 | 360 | 79915 | 308 | 89993 | 03 | 1 |
| | 198 | 10990 | 110 | 07996 | | | | | 03 | 1 |
| 768 | 312 | 88994 | 165 | 08992 | 086 | 09992 | 043 | 01999 | 04 | 1 |
| 775 | 120 | 11990 | 113 | 06990 | | | | | 03 | 1 |
| 785 | 108 | 06993 | | | | | | | 03 | 1 |
| 798 | 101 | 47 | | | | | | | 03 | 1 |
| 816 | 101 | 58 | | | | | | | 03 | 1 |
| 826 | 400 | 78816 | 329 | 89997 | 233 | 04997 | 182 | 98991 | 03 | 1 |
| | 131 | 98991 | 101 | 79 | 993 | 29*** | 101 | 58*** | 03 | 1 |
| 836 | 339 | 82901 | 262 | 97994 | 193 | 07998 | 172 | 03992 | 03 | 1 |
| | 143 | 02990 | 131 | 03998 | 101 | 58*** | | | 03 | 1 |
| 867 | 096 | 85 | | | | | | | 03 | 1 |
| 879 | 318 | 85995 | 286 | 86991 | 226 | 93991 | 175 | 96990 | 03 | 1 |
| | 155 | 94995 | 085 | 01995 | 101 | 58*** | | | 03 | 1 |
| 896 | 086 | 01991 | 101 | 47 | | | | | 03 | 1 |
| 906 | 545 | 72814 | 487 | 79834 | 400 | 88911 | 380 | 90932 | 03 | 1 |
| | 335 | 97992 | 305 | 10996 | 260 | 01990 | 225 | 92991 | 03 | 1 |
| | 195 | 92991 | 175 | 94994 | 145 | 95994 | 115 | 96997 | 03 | 1 |
| | 101 | 55 | | | | | | | 03 | 1 |
| 907 | 400 | 93990 | 145 | 93991 | | | | | 03 | 1 |
| 913 | 650 | 55997 | 537 | 67995 | 425 | 79992 | 400 | 00996 | 03 | 1 |
| | 373 | 84995 | 320 | 90993 | 241 | 01996 | 213 | 01996 | 03 | 1 |
| | 183 | 96998 | 067 | 95994 | | | | | 03 | 1 |
| 917 | 186 | 93990 | 094 | 92996 | | | | | 03 | 1 |
| 918 | 106 | 95991 | | | | | | | 03 | 1 |
| 924 | 542 | 64796 | 400 | 80881 | 360 | 84967 | 331 | 90990 | 03 | 1 |
| | 221 | 08991 | 140 | 95996 | 101 | 66*** | 002 | 85*** | 03 | 1 |
| | 101 | 68 | 002 | 82 | | | | | 03 | 1 |
| 938 | 065 | 87991 | | | | | | | 03 | 1 |
| 945 | 087 | 97990 | 101 | 58 | | | | | 03 | 1 |
| 968 | 209 | 01996 | 170 | 96990 | 113 | 93993 | 101 | 55*** | 03 | 1 |
| 74 | | | | | | | | | | |
| 043 | 052 | 93991 | | | | | | | 03 | 1 |
| 074 | 341 | 90982 | 263 | 03999 | 087 | 92994 | | | 03 | 1 |
| 109 | 176 | 94999 | 101 | 55 | | | | | 03 | 1 |
| 76 | | | | | | | | | | |
| 679 | 167 | 13996 | | | | | | | 03 | 1 |
| 78 | | | | | | | | | | |
| 395 | 150 | 15992 | | | | | | | 03 | 1 |
| 501 | 140 | 22995 | 114 | 22995 | | | | | 03 | 1 |
| 806 | 119 | 29996 | | | | | | | 03 | 1 |
| 91 | | | | | | | | | | |
| 066 | 400 | 68993 | 274 | 90990 | 166 | 11990 | 140 | 13996 | 03 | 1 |
| | 075 | 13996 | | | | | | | 03 | 1 |
| 182 | 374 | 72856 | 285 | 89967 | 172 | 12993 | 156 | 10990 | 03 | 1 |
| | 129 | 17993 | 119 | 14995 | 086 | 17996 | 036 | 01992 | 03 | 1 |
| 245 | 400 | 67731 | | | | | | | 03 | 1 |
| | 129 | 17993 | 119 | 14995 | 086 | 17996 | 036 | 01992 | 03 | 1 |
| 275 | 770 | 15995 | 724 | 11992 | 710 | 11992 | 692 | 10992 | 03 | 1 |
| | 664 | 10992 | 558 | 01997 | 535 | 01997 | 510 | 51992 | 03 | 1 |
| | 499 | 51992 | 400 | 64995 | 257 | 90990 | 241 | 93990 | 03 | 1 |
| | 101 | 58 | | | | | | | 03 | 1 |
| 98 | | | | | | | | | | |
| 645 | 040 | 97994 | | | | | | | 03 | 8 |
| 8LL | | OCEAN | STA | | | | | | | |
| 034 | 537 | 52685 | 412 | 67805 | 365 | 73781 | 266 | 90983 | 03 | 9 |
| | 186 | 09997 | 103 | 19995 | | | | | 03 | 9 |
| 037 | 130 | 19994 | | | | | | | 03 | 9 |
| 044 | 375 | 76806 | 299 | 87984 | 160 | 11993 | 146 | 09992 | 03 | 9 |
| | 102 | 12898 | 080 | 07996 | | | | | 03 | 9 |
| 053 | 400 | 78825 | 325 | 90942 | 215 | 06995 | 060 | 00990 | 03 | 9 |
| 055 | 430 | 76892 | 400 | 79927 | 338 | 90990 | 232 | 10999 | 03 | 9 |
| | 064 | 98999 | | | | | | | 03 | 9 |
| 062 | 189 | 45 0 | 145 | 43 0 | 138 | 42**0 | 085 | 43**0 | 02 | 2 |
| | 076 | 46 0 | | | | | | | 02 | 2 |
| 063 | 347 | 90990 | 227 | 09999 | 056 | 97991 | 101 | 67*** | 03 | 9 |
| | 088 | 83 | | | | | | | 03 | 9 |
| 134 | 101 | 68 | 090 | 79 | 101 | 45*** | | | 03 | 9 |
| 144 | 309 | 89995 | 269 | 92992 | 115 | 23997 | 112 | 02992 | 03 | 1 |
| | 101 | 68 | 060 | 40 | 040 | 31*** | | | 03 | 9 |

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SIGNIFICANT LEVELS

| Index No. iii | 1st. 5th. etc. Level PPP | TTTTT ddx | 2nd. 6th. etc. Level PPP | TTTTT ddx | 3rd. 7th. etc. Level PPP | TTTTT ddx | 4th. 8th. etc. Level PPP | TTTTT ddx | Hour GG | Code Type |
|---|---|---|---|---|---|---|---|---|---|---|
| 223 | 143 | 08 | | | | | | | 02 | 1 |
| 235 | 179 | 06 | 136 | 01 | 092 | 09*** | | | 04 | 1 |
| 246 | 380 | 86993 | 160 | 10995 | | | | | 03 | 9 |

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| Index No. iii | 1st. 5th. etc. Level PPP | TTTTT ddx | 2nd. 6th. etc. Level PPP | TTTTT ddx | 3rd. 7th. etc. Level PPP | TTTTT ddx | 4th. 8th. etc. Level PPP | TTTTT ddx | Hour GG | Code Type |
|---|---|---|---|---|---|---|---|---|---|---|
| 01 | | | | | | | | | | |
| 001 | 009 | 66665 | 558 | 70716 | 541 | 69705 | 400 | 86873 | 03 | 8 |
| | 279 | 04995 | 227 | 95994 | 130 | 95990 | | | 03 | 8 |
| 030 | 440 | 82851 | 400 | 87914 | 266 | 03**5 | 230 | 97**2 | 03 | 8 |
| 384 | 509 | 67729 | 421 | 78844 | 400 | 80853 | 260 | 04*** | 03 | 5 |
| | 223 | 09 | 158 | 99 | 107 | 00000 | | | 03 | 5 |
| 415 | 434 | 76854 | 400 | 81907 | 273 | 04993 | 248 | 07994 | 03 | 8 |
| | 221 | 02994 | 191 | 99997 | 138 | 99993 | | | 03 | 8 |
| 03 | | | | | | | | | | |
| 005 | | 36 0 | 175 | 46 0 | 055 | 53**0 | | | 02 | 2 |
| 171 | 186 | 45 0 | | | | | | | 02 | 7 |
| 953 | 430 | 86 0 | 368 | 69 0 | 256 | 37**0 | 218 | 30**0 | 03 | 2 |
| | 196 | 42 0 | 135 | 42 0 | | | | | 03 | 2 |
| 04 | | | | | | | | | | |
| 018 | 400 | 82999 | 354 | 90990 | 272 | 03991 | 130 | 97991 | 03 | 1 |
| 270 | 190 | 01995 | 101 | 58 | 339 | 03*** | 101 | 45*** | 04 | 1 |
| 360 | 163 | 00990 | 058 | 59990 | | | | | 03 | 5 |
| 06 | | | | | | | | | | |
| 011 | 045 | 93993 | 906 | | | | | | 03 | 8 |
| 260 | 521 | 64744 | 390 | 80912 | 283 | 98*** | 263 | 97*** | 03 | 8 |
| | 252 | 94 | 227 | 92 | | | | | 03 | 8 |
| 447 | 170 | 94 0 | 091 | 00 4 | 057 | 98**4 | | | 03 | 8 |
| 610 | 346 | 79848 | 330 | 82863 | 302 | 86916 | 287 | 87934 | 05 | 5 |
| | 246 | 93 7 | 204 | 93 1 | 183 | 91**7 | | | 05 | 5 |
| 07 | | | | | | | | | | |
| 110 | 642 | 59617 | 616 | 59618 | 550 | 66694 | 495 | 71741 | 02 | 5 |
| | 399 | 83884 | 367 | 87912 | 298 | 98**4 | | | 02 | 5 |
| 145 | 280 | 82895 | 245 | 01 4 | 280 | 00**7 | 200 | 97**4 | 02 | 8 |
| | 145 | 95 4 | 115 | 99 0 | 086 | 01**0 | | | 02 | 8 |
| 190 | 580 | 58657 | 491 | 67743 | 490 | 73848 | 384 | 7885* | 02 | 8 |
| | 292 | 94 0 | | | 086 | 05**7 | | | 02 | 8 |
| | 409 | 77848 | 384 | 78851 | 371 | 79859 | 338 | 86920 | 02 | 8 |
| | 292 | 94 0 | 278 | 98 4 | 255 | 03**1 | 245 | 04**0 | 02 | 8 |
| 480 | 334 | 83931 | 246 | 99 1 | 216 | 02**7 | 203 | 02**7 | 02 | 8 |
| | 175 | 98 0 | 109 | 04 0 | | | | | 02 | 8 |
| 510 | 520 | 65692 | 424 | 76804 | 355 | 83879 | 313 | 90933 | 02 | 5 |
| | 255 | 00 0 | 217 | 02 0 | 180 | 09**4 | | | 02 | 5 |
| 645 | 530 | 61638 | 448 | 69703 | 388 | 75774 | 350 | 82836 | 02 | 8 |
| | 308 | 88904 | 231 | 00 7 | | | | | 02 | 8 |
| 08 | | | | | | | | | | |
| 521 | 466 | 62714 | 417 | 68747 | 400 | 70788 | 367 | 7386* | 14 | 8 |
| | 250 | 94991 | 232 | 95990 | 147 | 11998 | | | 14 | 8 |
| 536 | 080 | 08998 | | | | | | | 14 | 8 |
| 10 | | | | | | | | | | |
| 122 | 167 | 61 0 | | | | | | | 08 | 2 |
| 384 | 250 | 03990 | 225 | 01992 | 160 | 98994 | 090 | 01993 | 03 | 5 |
| | 070 | 00990 | | | | | | | 03 | 5 |
| 633 | 160 | 95995 | 130 | 98995 | 075 | 95993 | | | 03 | 5 |
| 672 | 225 | 06998 | 195 | 07998 | 165 | 95990 | 125 | 01997 | 03 | 8 |
| | 110 | 98990 | 105 | 01992 | 096 | 01991 | 080 | 00995 | 03 | 8 |
| 866 | 400 | 75803 | 341 | 83900 | | | | | 03 | 5 |
| 11 | | | | | | | | | | |
| 030 | 524 | 64671 | 457 | 68743 | 400 | 76861 | 320 | 90950 | 03 | 5 |
| | 267 | 00 0 | 220 | 05 7 | 160 | 99**8 | | | 03 | 5 |
| 17 | | | | | | | | | | |
| 130 | 566 | 52994 | 525 | 57994 | 918 | 60997 | 427 | 67994 | 02 | 8 |
| | 400 | 17994 | | | | | | | 02 | 8 |
| 47 | | | | | | | | | | |
| 212 | 184 | 04993 | | | | | | | 03 | 1 |
| 412 | 400 | 63692 | 355 | 66742 | 271 | 77884 | 209 | 94990 | 03 | 1 |
| | 176 | 01999 | 117 | 06990 | 084 | 04990 | 101 | 47*** | 03 | 1 |
| 580 | 400 | 65996 | 360 | 67993 | 273 | 88993 | 226 | 91997 | 03 | 1 |
| | 101 | 55 | | | | | | | 03 | 1 |
| 590 | 376 | 67828 | 183 | 12997 | 146 | 16990 | | | 03 | 1 |
| 600 | 135 | 04994 | 103 | 00995 | 101 | 58*** | | | 03 | 1 |
| 635 | 101 | 58 | | | | | | | 03 | 1 |
| 744 | 333 | 69774 | 267 | 80992 | 227 | 87999 | 173 | 98999 | 03 | 1 |
| | 133 | 08999 | 087 | 12995 | | | | | 03 | 1 |
| 60 | | | | | | | | | | |
| 390 | 407 | 76870 | 345 | 81947 | 314 | 84961 | 298 | 87989 | 02 | 5 |
| | 270 | 91117 | 254 | 95114 | 224 | 00114 | | | 02 | 5 |
| 61 | | | | | | | | | | |
| 642 | 505 | 57994 | 480 | 59687 | 461 | 61997 | 393 | 69997 | 07 | 5 |
| | 373 | 72782 | 348 | 75997 | | | | | 07 | 5 |
| 62 | | | | | | | | | | |
| 011 | 450 | 65992 | 400 | 69992 | 584 | 02994 | | | 03 | 2 |
| 70 | | | | | | | | | | |
| 133 | 034 | 91993 | | | | | | | 03 | 1 |
| 200 | 310 | 88934 | 216 | 05991 | 112 | 98992 | | | 03 | 1 |
| 219 | 426 | | | | 356 | 81868 | 290 | 90003 | 03 | 1 |
| | 220 | 998 | 075 | 95991 | | | | | 03 | 1 |
| 231 | 225 | 04992 | 156 | 98999 | | | | | 03 | 1 |
| 261 | 080 | 95995 | | | | | | | 03 | 1 |
| 273 | 622 | 55715 | 400 | 77883 | 358 | 83876 | 305 | 88964 | 03 | 1 |
| | 234 | 01996 | 223 | 02999 | 208 | 80993 | 198 | 03990 | 03 | 1 |
| | 178 | 97994 | 101 | 67 | 030 | 18*** | | | 03 | 1 |
| 350 | 569 | 55700 | 460 | 65668 | 400 | 71998 | 106 | 98999 | 03 | 1 |
| 361 | 316 | 95995 | 248 | 97993 | 135 | 96996 | | | 03 | 1 |
| 381 | 091 | 97995 | | | | | | | 02 | 1 |
| 72 | | | | | | | | | | |
| 208 | 400 | 67784 | 312 | 80923 | 263 | 89998 | 175 | 10992 | 04 | 1 |
| | 140 | 17990 | 090 | 15999 | | | | | 04 | 1 |
| 219 | 400 | 67702 | 101 | 67 | 093 | 87*** | 262 | 89949 | 03 | 1 |
| | 150 | 16997 | 135 | 14997 | 120 | 17992 | | | 03 | 1 |
| 240 | 055 | 16994 | | | | | | | 03 | 1 |
| 250 | 400 | 66709 | 370 | 71744 | 358 | 71805 | 258 | 89989 | 03 | 1 |
| | 150 | 17994 | 109 | 25993 | 097 | 23998 | | | 03 | 1 |
| 259 | 101 | 55 | | | | | | | 03 | 1 |
| 265 | 055 | 14990 | | | | | | | 03 | 1 |
| 270 | 262 | 90943 | 109 | 26993 | 105 | 25998 | | | 03 | 1 |
| 278 | 552 | 56 | | | | | | | 03 | 1 |
| 304 | 080 | 14998 | | | | | | | 03 | 1 |
| 327 | 343 | 78915 | 315 | 80851 | 270 | 88929 | 182 | 10990 | 03 | 1 |
| | 166 | 05996 | | | | | | | 03 | 1 |
| 340 | 116 | 18995 | | | | | | | 03 | 1 |
| 365 | 101 | 65 | 022 | 11 | | | | | 03 | 1 |
| 386 | 362 | 72866 | 127 | 22999 | | | | | 04 | 1 |
| 394 | 556 | 00602 | 442 | 61718 | 400 | 68755 | 378 | 70834 | 03 | 1 |
| | 106 | 25994 | | | | | | | 03 | 1 |
| 405 | 107 | 18995 | 065 | 09992 | | | | | 03 | 1 |
| 445 | 114 | 15996 | 090 | 16991 | 075 | 13996 | | | 03 | 1 |
| 451 | 177 | 10994 | 110 | 20998 | 060 | 11991 | | | 03 | 1 |
| 486 | 126 | 19996 | 101 | 69 | 278 | | 257 | | 03 | 1 |
| 493 | 485 | 57746 | 435 | 65682 | 400 | 69742 | 356 | 76792 | 03 | 1 |
| | 342 | 75839 | 318 | 79812 | 168 | 06991 | | | 03 | 1 |
| 506 | 283 | 84913 | 258 | 89002 | 194 | 04997 | | | 03 | 1 |
| 534 | 400 | 72993 | 298 | 90990 | 232 | 01997 | 146 | 06994 | 03 | 1 |
| 553 | 265 | 89998 | 110 | 16992 | 066 | 07991 | | | 03 | 1 |
| 562 | 133 | 17996 | | | | | | | 03 | 1 |
| 597 | 348 | 83944 | 338 | 82933 | 320 | 83957 | | | 03 | 1 |
| 600 | 662 | 06630 | 400 | 72854 | 389 | 70818 | 370 | 72802 | 03 | 1 |
| | 325 | 79842 | 264 | 90962 | 164 | 14996 | 101 | 58*** | 03 | 1 |
| 606 | 163 | 17993 | 140 | 19999 | 129 | 13998 | | | 03 | 1 |
| 662 | 185 | 02995 | | | | | | | 03 | 1 |
| 712 | 274 | 88986 | 180 | 12992 | 154 | 14999 | 137 | 13996 | 03 | 1 |
| 734 | 400 | 74990 | 285 | 90990 | 158 | 06996 | | | 03 | 1 |
| 747 | 178 | 05991 | 128 | 06995 | | | | | 03 | 1 |
| 764 | 086 | 06998 | | | | | | | 03 | 1 |
| 768 | 096 | 10994 | 086 | 06994 | | | | | 03 | 1 |
| 816 | 101 | 58 | | | | | | | 03 | 1 |
| 826 | 101 | 68 | | | | | | | 03 | 1 |
| 836 | 101 | 58 | | | | | | | 03 | 1 |
| 867 | 137 | 95995 | | 95991 | 093 | 02993 | 081 | 02993 | 03 | 1 |
| 879 | 085 | 00994 | 101 | 58 | | | | | 03 | 1 |
| 896 | 142 | 97995 | 098 | 00992 | 101 | 47*** | | | 03 | 1 |
| 906 | 267 | 98990 | | | | | | | 03 | 1 |
| 907 | 400 | 81997 | 386 | 79997 | 336 | 84994 | 325 | 84994 | 03 | 1 |
| | 290 | 90990 | 271 | 93991 | 251 | 94990 | 240 | 91994 | 03 | 1 |
| | 150 | 93991 | 114 | 96991 | 092 | 94994 | 052 | 98991 | 03 | 1 |
| 913 | 707 | 51990 | 644 | 54682 | 578 | 60765 | 535 | 64996 | 03 | 1 |
| | 508 | 64996 | 400 | 76996 | 342 | 84995 | 303 | 90952 | 03 | 1 |
| | 238 | 03998 | 208 | 05994 | | | | | 03 | 1 |
| 915 | 332 | 00993 | 300 | 97995 | | | | | 03 | 1 |
| 917 | 554 | 65783 | 451 | 73794 | 436 | 75845 | 424 | 77835 | 03 | 1 |
| | 400 | 79911 | 330 | 89963 | 239 | 05995 | 169 | 94990 | 03 | 1 |
| 934 | 613 | 54705 | 400 | 76998 | 220 | 05997 | 155 | 96999 | 03 | 1 |
| | 065 | 96999 | 101 | 58 | | | | | 03 | 1 |
| 938 | 105 | 92992 | | | | | | | 02 | 1 |
| 945 | 441 | 70817 | 400 | 75821 | 389 | 76826 | 290 | 91994 | 03 | 1 |
| | 216 | 06994 | 101 | 55 | | | | | 03 | 1 |
| 968 | 240 | 94992 | 158 | 91994 | 050 | 85998 | 101 | 58*** | 03 | 1 |
| 74 | | | | | | | | | | |
| 043 | 440 | 71857 | 400 | 77995 | 247 | 03993 | 216 | 05996 | 03 | 1 |
| | 190 | 98992 | 036 | 92993 | | | | | 03 | 1 |
| 074 | 574 | 61718 | 532 | 65818 | 476 | 70843 | 414 | 78858 | 03 | 1 |
| | 404 | 78866 | 376 | 82942 | 234 | 06996 | 190 | 98993 | 03 | 1 |
| | 080 | 92880 | | | | | | | 03 | 1 |
| 090 | 450 | 74835 | 400 | 81915 | 246 | 09995 | 156 | 94998 | 03 | 1 |
| 109 | 309 | 95996 | 156 | 92991 | 083 | 95996 | 101 | 47*** | 03 | 1 |
| 188 | 177 | 15994 | | | | | | | 03 | 1 |
| 76 | | | | | | | | | | |
| 491 | 352 | 71775 | 312 | 76827 | 255 | 88916 | 148 | 17999 | 02 | 1 |
| | 130 | 20992 | | | | | | | 02 | 1 |
| 679 | 303 | 80862 | 264 | 88969 | 162 | 15992 | | | 03 | 1 |
| 78 | | | | | | | | | | |
| 016 | 101 | 55 | | | | | | | 03 | 1 |
| 355 | 285 | 87911 | 147 | 20993 | 122 | 17997 | 068 | 20993 | 03 | 1 |
| | 052 | 13990 | | | | | | | 03 | 1 |
| 367 | 546 | 51999 | 453 | 62998 | 430 | 63999 | 400 | 67999 | 03 | 1 |
| | 221 | 99990 | 180 | 08990 | | | | | 03 | 1 |
| 501 | 465 | 59686 | 413 | 66724 | 400 | 67755 | 268 | 88989 | 03 | 1 |
| | 161 | 15992 | 092 | 25994 | 055 | 13991 | | | 03 | 1 |
| 806 | 274 | 90942 | 152 | 14996 | 101 | 58*** | | | 03 | 1 |
| 91 | | | | | | | | | | |
| 182 | 622 | 05999 | 414 | 67803 | 400 | 68827 | 280 | 90983 | 03 | 1 |
| | 075 | 19994 | 040 | 02994 | | | | | 03 | 1 |
| 245 | 400 | 67755 | | | | | | | 03 | 1 |
| 275 | 108 | 16994 | 077 | | | | | | 03 | 1 |
| 98 | | | | | | | | | | |
| 645 | 326 | 16865 | 305 | 79925 | 170 | 11994 | 162 | 11994 | 03 | 8 |
| | 119 | 24997 | 097 | 25997 | 045 | 03994 | | | 03 | 8 |
| 8LL | | OCEAN | STA | | | | | | | |
| 034 | 170 | 14991 | 108 | 20990 | 083 | 15998 | | | 03 | 9 |

RADIOSONDE AND RAWINSONDE DATA.
SIGNIFICANT LEVELS

| Index No. iii | 1st. 5th. etc. Level PPP | TTTTT ddx | 2nd. 6th. etc. Level PPP | TTTTT ddx | 3rd. 7th. etc. Level PPP | TTTTT ddx | 4th. 8th. etc. Level PPP | TTTTT ddx | Hour GG | Code Type |
|---|---|---|---|---|---|---|---|---|---|---|
| 035 | 266 | 89992 | 143 | 21995 | 120 | 18996 | 106 | 23993 | 03 | 9 |
| | 095 | 22990 | | | | | | | 03 | 9 |
| 041 | 697 | 00572 | 660 | 50625 | 610 | 53708 | 535 | 60790 | 02 | 8 |
| | 326 | 85985 | 300 | 93 0 | 200 | 09**0 | 157 | 06**4 | 02 | 8 |
| | 063 | 05 0 | | | | | | | 02 | 8 |
| 053 | 322 | 90990 | 226 | 08993 | 062 | 98999 | | | 03 | 9 |
| 055 | 104 | 00990 | | | | | | | 03 | 9 |
| 126 | 259 | 97991 | 170 | 11999 | | | | | 03 | 1 |
| 134 | 400 | 69996 | 338 | 80999 | 146 | 17996 | 102 | 20994 | 03 | 1 |
| | 030 | 01999 | | | | | | | 03 | 1 |
| 144 | 554 | 58622 | 549 | 59639 | 545 | 57643 | 524 | 58751 | 03 | 9 |
| | 400 | 70992 | 162 | 16995 | 069 | 03990 | 101 | 67*** | 03 | 9 |
| | 055 | 54 | | | | | | | 03 | 9 |
| 223 | 121 | 08 | | | | | | | 03 | 1 |
| 235 | 152 | 08 | | | | | | | 03 | 1 |
| 360 | 261 | 05 | 176 | 98 | | | | | 03 | 5 |

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| Index No. iii | 1st. 5th. etc. Level PPP | TTTTT ddx | 2nd. 6th. etc. Level PPP | TTTTT ddx | 3rd. 7th. etc. Level PPP | TTTTT ddx | 4th. 8th. etc. Level PPP | TTTTT ddx | Hour GG | Code Type |
|---|---|---|---|---|---|---|---|---|---|---|
| 01 | | | | | | | | | | |
| 001 | 546 | 69755 | 400 | 84909 | 333 | 93982 | 290 | 00992 | 03 | 8 |
| | 254 | 99996 | 210 | 93992 | 134 | 94991 | | | 03 | 8 |
| 030 | 400 | 86892 | 269 | 99 6 | 240 | 94**1 | | | 03 | 5 |
| 384 | 583 | 60626 | 400 | 81851 | 248 | 11*** | 170 | 96*** | 03 | 5 |
| | 133 | 98 | 113 | 97 | 106 | 98*** | | | 03 | 5 |
| 415 | 231 | 00996 | 204 | 98990 | | | | | 03 | 8 |
| 02 | | | | | | | | | | |
| 057 | 199 | 95998 | | | | | | | 03 | 8 |
| 084 | 242 | 02998 | 196 | 97994 | | | | | 03 | 8 |
| 03 | | | | | | | | | | |
| 005 | 166 | 48 0 | 075 | 50 0 | | | | | 02 | 2 |
| 743 | 215 | 37 0 | 186 | 43 0 | 124 | 41**0 | | | 02 | 2 |
| 953 | 451 | 95 0 | 218 | 31 0 | 183 | 21**0 | 168 | 28**0 | 03 | 2 |
| | 124 | 35 0 | 091 | 33 0 | 070 | 35**0 | | | 03 | 2 |
| 04 | | | | | | | | | | |
| 018 | 180 | 98999 | 128 | 97999 | | | | | 03 | 1 |
| 360 | 225 | 08999 | 212 | 02999 | 141 | 95999 | 112 | 96999 | 03 | 5 |
| 06 | | | | | | | | | | |
| 011 | 050 | 95994 | | | | | | | 03 | 8 |
| 260 | 401 | 76858 | 402 | 78871 | 322 | 87978 | 265 | 97*** | 03 | 8 |
| | 230 | 98 | 163 | 94 | 078 | 96*** | | | 03 | 8 |
| 447 | 190 | 95 0 | 158 | 96 7 | 080 | 96**3 | | | 03 | 8 |
| 610 | 370 | 80934 | 349 | 84966 | 287 | 95**0 | 267 | 97**0 | 05 | 5 |
| | 235 | 94 1 | 179 | 92 4 | | | | | 05 | 5 |
| 07 | | | | | | | | | | |
| 110 | 500 | 64719 | 413 | 75823 | 386 | 78852 | 320 | 89961 | 02 | 5 |
| | 273 | 96 0 | 215 | 08 1 | 206 | 09**1 | | | 02 | 5 |
| 145 | 549 | 66680 | 488 | 72765 | 426 | 77820 | 262 | 86914 | 02 | 8 |
| | 288 | 92 2 | 258 | 02 0 | 221 | 00**7 | | | 02 | 8 |
| 480 | 484 | 73730 | 428 | 80803 | 300 | 95**4 | 233 | 02**0 | 02 | 8 |
| | 280 | 02 1 | 165 | 01 7 | 133 | 02**4 | | | 02 | 8 |
| 510 | 304 | 90952 | 270 | 95 7 | 215 | 05**1 | 155 | 04**7 | 02 | 5 |
| | 140 | 03 1 | 119 | 03 7 | | | | | 02 | 5 |
| 645 | 727 | 50551 | 644 | 55619 | 625 | 55628 | 595 | 59661 | 02 | 8 |
| 08 | | | | | | | | | | |
| 521 | 622 | 04632 | 436 | 67813 | 400 | 70850 | 166 | 08991 | 14 | 8 |
| | 128 | 20991 | 117 | 20993 | 107 | 16999 | | | 14 | 8 |
| 536 | 103 | 14994 | | | | | | | 14 | 8 |
| 10 | | | | | | | | | | |
| 122 | 117 | 57 0 | 074 | 61 0 | | | | | 08 | 2 |
| 338 | 069 | 57 0 | | | | | | | 08 | 2 |
| 384 | 308 | 90951 | 233 | 04999 | 225 | 03991 | 165 | 96994 | 03 | 5 |
| | 124 | 98995 | 096 | 96993 | 088 | 96994 | | | 03 | 5 |
| 633 | 336 | 90990 | 273 | 99998 | 240 | 01992 | 220 | 96996 | 03 | 5 |
| | 165 | 96996 | | | | | | | 03 | 5 |
| 866 | 182 | 95998 | 133 | 00990 | | | | | 03 | 5 |
| 17 | | | | | | | | | | |
| 130 | 541 | 53994 | 474 | 61994 | 449 | 62995 | 400 | 68991 | 02 | 8 |
| 40 | | | | | | | | | | |
| 648 | 329 | 95410 | 211 | 65420 | 186 | 54**0 | 113 | 33**0 | 02 | 2 |
| | 056 | 02 0 | 032 | 99 0 | 028 | 04**0 | | | 02 | 2 |
| 42 | | | | | | | | | | |
| 182 | 099 | 13 | | | | | | | 15 | 8 |
| 339 | 170 | 04 | | | | | | | 15 | 8 |
| 47 | | | | | | | | | | |
| 401 | 101 | 47 | | | | | | | 03 | 1 |
| 412 | 338 | 85910 | 244 | 92993 | 161 | 04998 | 144 | 03998 | 03 | 1 |
| | 101 | 55 | | | | | | | 03 | 1 |
| 590 | 131 | 13992 | 068 | 14998 | 101 | 59*** | | | 03 | 1 |
| 646 | 163 | 03992 | 120 | 13990 | 071 | 04995 | | | 03 | 1 |
| 671 | 400 | 67993 | 290 | 83921 | 250 | 89932 | 153 | 10995 | 04 | 1 |
| | 101 | 58 | | | | | | | 04 | 1 |
| 744 | 253 | 84993 | 227 | 89990 | 147 | 09990 | 107 | 09996 | 03 | 1 |
| | 088 | 04998 | | | | | | | 03 | 1 |
| 778 | 069 | 10996 | 052 | 06990 | 101 | 55*** | | | 03 | 1 |
| 827 | 136 | 15990 | 101 | 58 | | | | | 03 | 1 |
| 60 | | | | | | | | | | |
| 155 | 588 | 55727 | 510 | 61776 | 476 | 61785 | 378 | 73955 | 02 | 5 |
| | 350 | 79980 | 278 | 90 7 | | | | | 02 | 5 |
| 390 | 771 | 12527 | 738 | 10568 | 709 | 10592 | 691 | 08623 | 02 | 5 |
| | 673 | 07641 | 656 | 04667 | 488 | 64849 | | | 02 | 5 |
| | 386 | 75949 | 265 | 94 4 | 292 | 07**1 | | | 02 | 8 |
| 61 | | | | | | | | | | |
| 642 | 475 | 58994 | 423 | 64716 | 387 | 65709 | 347 | 73762 | 07 | 5 |
| | 312 | 80990 | 298 | 81990 | 122 | 20**4 | | | 07 | 5 |
| 62 | | | | | | | | | | |
| 011 | 484 | 63740 | 468 | 61400 | 400 | 70976 | 335 | 76995 | 03 | 5 |
| 366 | 444 | 52 4 | | | | | | | 03 | 5 |
| 70 | | | | | | | | | | |
| 026 | 244 | 02997 | 131 | 95993 | | | | | 03 | 1 |
| 291 | 077 | 96997 | | | | | | | 03 | 1 |
| 439 | 467 | 60633 | 400 | 66714 | | | | | 03 | 1 |
| 72 | | | | | | | | | | |
| 208 | 096 | 17994 | | | | | | | 03 | 1 |
| 219 | 107 | 19998 | 069 | 12995 | | | | | 03 | 1 |
| 231 | 193 | 05991 | | | | | | | 03 | 1 |
| 240 | 400 | 66994 | 342 | 74853 | 263 | 89977 | 115 | 22995 | 03 | 1 |
| | 092 | 23990 | | | | | | | 03 | 1 |
| 250 | 133 | 21993 | 110 | 24997 | 080 | 20994 | | | 03 | 1 |
| 253 | 370 | 69828 | 259 | 89982 | 112 | 20993 | | | 03 | 1 |
| 265 | 400 | 68833 | 314 | 81942 | 276 | 88991 | 116 | 23994 | 04 | 1 |
| | 097 | 20994 | | | | | | | 04 | 1 |
| 278 | 152 | 16993 | | | | | | | 03 | 1 |
| 304 | 138 | 17990 | 118 | 16990 | | | | | 03 | 1 |
| 317 | 063 | 50 | 326 | 79824 | 276 | 88990 | 176 | 12993 | 03 | 1 |
| | 152 | 12997 | 101 | 68 | 033 | 28*** | | | 03 | 1 |
| 327 | 312 | 80918 | 268 | 88985 | 161 | 10994 | 154 | 09999 | 03 | 1 |
| 340 | 268 | 89995 | 159 | 12992 | 104 | 20995 | 084 | 14990 | 03 | 1 |
| 353 | 112 | 21990 | 096 | 18996 | | | | | 03 | 1 |
| 394 | 724 | 14032 | 676 | 10022 | 657 | 08552 | 600 | 02544 | 03 | 1 |
| | 530 | 54635 | 462 | 59995 | 400 | 64998 | | | 03 | 1 |
| 445 | 141 | 13996 | 119 | 14997 | | | | | 03 | 1 |
| 476 | 108 | 23995 | | | | | | | 03 | 1 |
| 506 | 448 | 60777 | 400 | 67993 | 356 | 72998 | 123 | 18990 | 03 | 1 |
| | 048 | 07992 | | | | | | | 03 | 1 |
| 518 | 165 | 13990 | 137 | 09997 | 113 | 15991 | 092 | 13993 | 03 | 1 |
| | 101 | 68 | 050 | 42 | | | | | 03 | 1 |
| 520 | 266 | 90990 | 182 | 06994 | | | | | 03 | 1 |
| 528 | 269 | 89998 | 147 | 11992 | 138 | 09996 | 070 | 09991 | 03 | 1 |
| 534 | 357 | 78859 | 348 | 78892 | 266 | 89990 | 140 | 11999 | 03 | 1 |
| | 130 | 11994 | | | | | | | 03 | 1 |
| 536 | 400 | 68737 | 343 | 78816 | 310 | 82941 | 263 | 89999 | 03 | 1 |
| | 110 | 16997 | | | | | | | 03 | 1 |
| 553 | 400 | 69994 | 275 | 89995 | 106 | 18990 | 078 | 13996 | 03 | 1 |
| 562 | 142 | 12996 | | | | | | | 03 | 1 |
| 576 | 107 | 17999 | | | | | | | 04 | 1 |
| 597 | 138 | 07990 | 118 | 05999 | | | | | 03 | 1 |
| 600 | 101 | 58 | | | | | | | 03 | 1 |
| 655 | 400 | 72993 | 165 | 04992 | 115 | 09997 | 095 | 10997 | 03 | 1 |
| | 080 | 05997 | | | | | | | 03 | 1 |
| 668 | 372 | 74825 | 323 | 83991 | 101 | 68037 | | | 03 | 1 |
| 681 | 102 | 12993 | 085 | 06997 | | | | | 03 | 1 |
| 734 | 400 | 70777 | 367 | 74846 | 270 | 90001 | 230 | 98999 | 03 | 1 |
| | 207 | 97997 | | | | | | | 03 | 1 |
| 747 | 250 | 00990 | 153 | 00992 | | | | | 04 | 1 |
| 764 | 374 | 75882 | 291 | 90008 | 240 | 97997 | 150 | 08991 | 04 | 1 |
| 768 | 354 | 80936 | 266 | 83990 | 233 | 89998 | 214 | 92994 | 03 | 1 |
| 775 | 120 | 08992 | | | | | | | 03 | 1 |
| 785 | 041 | 98999 | | | | | | | 03 | 1 |
| 815 | 298 | 98994 | 101 | 55 | | | | | 03 | 1 |
| 816 | 193 | 98999 | 101 | 55 | | | | | 03 | 1 |
| 826 | 590 | 54602 | 524 | 60663 | 430 | 68754 | 400 | 73793 | 03 | 1 |
| | 333 | 83991 | 192 | 12994 | 139 | 03997 | 118 | 05994 | 03 | 1 |
| | 101 | 58 | | | | | | | 03 | 1 |
| 836 | 218 | 00955 | 180 | 00992 | 165 | 01999 | 104 | 04998 | 03 | 1 |
| | 101 | 58 | | | | | | | 03 | 1 |
| 867 | 400 | 73889 | 348 | 81990 | | | | | 03 | 1 |
| 907 | 331 | 85884 | 309 | 90923 | 213 | 08996 | 165 | 01994 | 03 | 1 |
| | 122 | 02991 | | | | | | | 03 | 1 |
| 913 | 537 | 66686 | 461 | 71736 | 400 | 78802 | 330 | 89912 | 03 | 1 |
| | 282 | 97995 | 267 | 97997 | 231 | 02994 | 154 | 94992 | 03 | 1 |
| | 080 | 97996 | | | | | | | 03 | 1 |
| 915 | 660 | 59677 | 644 | 61733 | 590 | 66693 | 536 | 71902 | 03 | 1 |
| | 475 | 77878 | 446 | 81995 | 400 | 84995 | | | 03 | 1 |
| 917 | 308 | 93995 | | | | | | | 03 | 1 |
| 918 | 400 | 84995 | 259 | 06998 | 043 | 92995 | | | 03 | 1 |
| 924 | 181 | 96994 | | | | | | | 03 | 1 |
| 938 | 243 | 01997 | 052 | 81996 | | | | | 02 | 1 |
| 945 | 065 | 98995 | 058 | | | | | | 03 | 1 |
| 964 | 235 | 02991 | 101 | 58 | | | | | 03 | 1 |
| 968 | 765 | 08505 | 720 | 00526 | 710 | 00534 | 620 | 56634 | 03 | 1 |
| | 610 | 55637 | 400 | 76886 | 236 | 98996 | 067 | 89999 | 03 | 1 |
| | 101 | 55 | | | | | | | 03 | 1 |
| 74 | | | | | | | | | | |
| 074 | 180 | 98997 | 064 | 93990 | | | | | 03 | 1 |
| 090 | 187 | 95995 | 066 | 93995 | | | | | 03 | 1 |
| 109 | 400 | 79886 | 362 | 86967 | 297 | 95996 | 101 | 47*** | 03 | 1 |
| 76 | | | | | | | | | | |
| 458 | 304 | 80913 | 257 | 90199 | 125 | 23993 | | | 02 | 1 |
| 491 | 378 | 69788 | 362 | 71859 | 260 | 89997 | 144 | 18999 | 02 | 1 |
| | 122 | 22996 | 108 | 21991 | | | | | 02 | 1 |
| 78 | | | | | | | | | | |
| 355 | 547 | 54623 | 522 | 55695 | 475 | 59755 | 400 | 68995 | 03 | 1 |
| 395 | 140 | 17990 | 115 | 19997 | | | | | 09 | 1 |
| 501 | 155 | 12993 | 134 | 20998 | 127 | 19995 | 089 | 25999 | 03 | 1 |
| | 079 | 24990 | | | | | | | 03 | 1 |
| 967 | 373 | 72997 | 240 | 95997 | | | | | 03 | 1 |
| 91 | | | | | | | | | | |
| 066 | 159 | 12990 | 044 | 12990 | | | | | 06 | 1 |
| 182 | 303 | 85956 | 280 | 90990 | 165 | 09994 | 136 | 17996 | 03 | 1 |
| | 125 | 16995 | 093 | 21990 | 077 | 15999 | | | 03 | 1 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 366 | 400 | 64691 | 345 | 71831 | 280 | 83991 | 130 | 19990 | 03 | 1 |
| | 101 | 59 | | | | | | | 03 | 1 |
| 98 | | | | | | | | | | |
| 327 | 100 | 20992 | 101 | 58 | | | | | 03 | 1 |
| 645 | 135 | 24990 | 116 | 28997 | 091 | 27990 | | | 03 | 8 |
| QLL | | OCEAN | STA | | | | | | | |
| 035 | 206 | 89991 | 134 | 21996 | 119 | 20999 | | | 04 | 9 |
| 041 | 630 | 00521 | 594 | 53553 | 504 | 60623 | 405 | 68704 | 02 | 8 |
| | 332 | 80825 | | | | | | | 02 | 8 |
| 044 | 810 | 11016 | 727 | 06524 | 716 | 07588 | 647 | 03589 | 03 | 9 |
| | 606 | 00671 | 574 | 53611 | 528 | 58746 | 400 | 74993 | 03 | 9 |
| | 350 | 80928 | 325 | 85893 | 297 | 89963 | 195 | 10998 | 03 | 9 |
| | | | 160 | 12990 | 0 0 | 06992 | | | 03 | 9 |
| 051 | 163 | 32 0 | 098 | 37 0 | 067 | 40**0 | | | 02 | 2 |
| 055 | 411 | 88000 | 400 | 88993 | 359 | 88998 | 292 | 84996 | 03 | 9 |
| | 133 | 95995 | | | | | | | 03 | 9 |
| 062 | 073 | 43 0 | | | | | | | 03 | 7 |
| 134 | 045 | 03995 | | | | | | | 03 | 9 |
| 144 | 545 | 57616 | 437 | 67725 | 400 | 71867 | 353 | 78896 | 03 | 9 |
| | 180 | 13992 | 159 | 12998 | | | | | 03 | 9 |
| 223 | 463 | 56 | 355 | 64 | 280 | 76*** | 213 | 88*** | 03 | 1 |
| | 147 | 00 | 085 | 07 | | | | | 03 | 1 |
| 235 | 416 | 64 | 357 | 70 | 231 | 95*** | 160 | 02*** | 03 | 1 |
| 360 | 207 | 97 | 118 | 98 | | | | | 03 | 5 |

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| Index No. iii | 1st. 5th. etc. Level PPP | TTTTT ddx | 2nd. 6th. etc. Level PPP | TTTTT ddx | 3rd. 7th. etc. Level PPP | TTTTT ddx | 4th. 8th. etc. Level PPP | TTTTT ddx | Hour GG | Code Type |
|---|---|---|---|---|---|---|---|---|---|---|
| 01 | | | | | | | | | | |
| 001 | 435 | 81907 | 400 | 84931 | 325 | 94021 | 263 | 03999 | 03 | 8 |
| | 208 | 93990 | 130 | 92993 | 100 | 92993 | | | 03 | 8 |
| 030 | 171 | 98 0 | 137 | 95 9 | | | | | 03 | 8 |
| 384 | 636 | 56561 | 400 | 80817 | 273 | 04*** | 250 | 06*** | 03 | 5 |
| | 192 | 95 | 080 | 98 | | | | | 03 | 5 |
| 415 | 146 | 98993 | | | | | | | 03 | 8 |
| 02 | | | | | | | | | | |
| 057 | 272 | 07990 | 224 | 96996 | | | | | 03 | 8 |
| 084 | 330 | 93991 | 274 | 02990 | 253 | 04990 | 226 | 04997 | 03 | 8 |
| | 193 | 98992 | | | | | | | 03 | 8 |
| 03 | | | | | | | | | | |
| 171 | 185 | 30 0 | | | | | | | 02 | 7 |
| 953 | 442 | 96 0 | 420 | 93 0 | 224 | 28**0 | 197 | 23**0 | 03 | 7 |
| | 192 | 29 0 | 165 | 33 0 | 115 | 34**0 | | | 03 | 7 |
| 04 | | | | | | | | | | |
| 202 | 400 | 79861 | 340 | 88953 | 230 | 05995 | 214 | 00990 | 03 | 1 |
| 231 | 224 | 02997 | 195 | 96990 | 094 | 94995 | | | 03 | 1 |
| 270 | 292 | 04994 | 255 | 93995 | 180 | 93994 | 111 | 96991 | 03 | 1 |
| | 101 | 58 | | | | | | | 03 | 1 |
| 06 | | | | | | | | | | |
| 011 | 162 | 00993 | 025 | 92990 | | | | | 03 | 8 |
| 260 | 673 | 61640 | 645 | 62691 | 605 | 65744 | 585 | 65746 | 03 | 8 |
| | 470 | 78901 | 400 | 83970 | 310 | 90*** | | | 03 | 8 |
| 447 | 435 | 75875 | | | | | | | 03 | 8 |
| 610 | 486 | 64762 | 350 | 76867 | 264 | 92**0 | 195 | 03**1 | 05 | 5 |
| | 172 | 98 4 | 151 | 98 7 | | | | | 05 | 5 |
| 07 | | | | | | | | | | |
| 110 | 667 | 00551 | 600 | 53577 | 560 | 53577 | 501 | 60642 | 02 | 5 |
| | 468 | 64671 | 454 | 64671 | 431 | 66713 | | | 02 | 5 |
| 145 | 680 | 51591 | 658 | 54621 | 550 | 60689 | 421 | 69765 | 02 | 8 |
| | 287 | 74827 | 200 | 86958 | 198 | 00**1 | | | 02 | 8 |
| 190 | 602 | 59655 | 566 | 62684 | 463 | 72834 | 308 | 8899* | 02 | 8 |
| | 236 | 01 7 | 161 | 98 0 | 125 | 99**0 | | | 02 | 8 |
| 480 | 382 | 75835 | 320 | 86941 | 167 | 16**0 | 158 | 15**4 | 02 | 8 |
| | 133 | 07 4 | | | | | | | 02 | 8 |
| 510 | 530 | 56698 | 490 | 59713 | 312 | 83934 | 280 | 88997 | 02 | 5 |
| | 232 | 00 0 | 175 | 12 4 | 140 | 15**0 | | | 02 | 5 |
| 645 | 640 | 50622 | 616 | 51631 | 556 | 56687 | 480 | 62738 | 02 | 8 |
| | 430 | 66771 | 350 | 77888 | | | | | 02 | 8 |
| 08 | | | | | | | | | | |
| 509 | 535 | 53655 | 400 | 70797 | 292 | 90951 | 212 | 01991 | 03 | 1 |
| 521 | 400 | 69842 | 252 | 91996 | 235 | 92991 | 130 | 18994 | 14 | 8 |
| | 114 | 20994 | 097 | 16997 | | | | | 14 | 8 |
| 10 | | | | | | | | | | |
| 384 | 325 | 90961 | 250 | 00995 | 225 | 96994 | 145 | 96992 | 03 | 5 |
| 633 | 491 | 73990 | 479 | 73992 | 400 | 83991 | 373 | 85998 | 03 | 5 |
| | 337 | 87992 | 275 | 94996 | 250 | 95994 | 240 | 94996 | 03 | 5 |
| | 223 | 96994 | 170 | 96996 | 159 | 95994 | 124 | 00994 | 03 | 5 |
| | 116 | 97998 | 104 | 00993 | | | | | 03 | 5 |
| 866 | 400 | 79996 | 292 | 95995 | 254 | 97998 | 235 | 95996 | 03 | 5 |
| | 096 | 98998 | 066 | 98994 | | | | | 03 | 5 |
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| 030 | 065 | 00 8 | | | | | | | 03 | 5 |
| 16 | | | | | | | | | | |
| 596 | 292 | 78400 | 205 | 14 0 | 151 | 11**0 | 068 | | 02 | 4 |
| | 067 | 11 0 | 063 | 18 0 | | | | | 02 | 4 |
| 17 | | | | | | | | | | |
| 130 | 590 | 02990 | 540 | 51991 | 490 | 57997 | 452 | 63997 | 02 | 8 |
| | 490 | 66991 | | | | | | | 02 | 8 |
| 47 | | | | | | | | | | |
| 412 | 400 | 63771 | 360 | 67814 | 260 | 83950 | 216 | 92995 | 03 | 1 |
| | 173 | 91998 | 155 | 01992 | 057 | 06997 | 101 | 55*** | 03 | 1 |
| 580 | 101 | 59 | | | | | | | 03 | 1 |
| 635 | 178 | 51998 | 100 | 62996 | 101 | 58*** | | | 03 | 1 |
| 671 | 450 | 59995 | 400 | 64804 | 350 | 71771 | 270 | 84925 | 03 | 1 |
| | 250 | 88944 | 112 | 18990 | 101 | 58*** | | | 03 | 1 |
| 744 | 267 | 77842 | 152 | 04990 | 125 | 11996 | 093 | 13993 | 03 | 1 |
| | 044 | 03996 | | | | | | | 03 | 1 |
| 778 | 101 | 58 | | | | | | | 03 | 1 |
| 827 | 245 | 88962 | 197 | 98990 | 101 | 58*** | | | 03 | 1 |
| 60 | | | | | | | | | | |
| 390 | 354 | 73927 | 292 | 87036 | | | | | 02 | 5 |
| 61 | | | | | | | | | | |
| 642 | 436 | 61991 | 364 | 70991 | 289 | 83877 | 272 | 86997 | 07 | 5 |
| | 144 | 16 7 | 105 | 21 1 | | | | | 07 | 5 |
| 62 | | | | | | | | | | |
| 011 | 454 | 62995 | 430 | 63994 | 400 | 68995 | 378 | 71995 | 03 | 5 |
| | | 71995 | 248 | 99990 | 206 | 00994 | 166 | 04992 | 03 | 5 |
| | 101 | 55 | | | | | | | 03 | 5 |
| 70 | | | | | | | | | | |
| 291 | 400 | 78 4 | | | | | | | 03 | 1 |
| 350 | 558 | 64991 | 101 | 42 | | | | | 03 | 1 |
| 398 | 429 | 72848 | 400 | 57837 | | | | | 03 | 1 |
| 72 | | | | | | | | | | |
| 208 | 280 | 87943 | 156 | 14990 | 144 | 13996 | | | 03 | 1 |
| 219 | 099 | 19995 | 071 | 13990 | | | | | 03 | 1 |
| 231 | 170 | 12995 | 125 | 19998 | 114 | 17999 | | | 03 | 1 |
| 240 | 168 | 12993 | 162 | 10990 | 130 | 18994 | | | 03 | 1 |
| 253 | 154 | 15995 | | | | | | | 03 | 1 |
| 270 | 203 | 02996 | | | | | | | 03 | 1 |
| 278 | 307 | 79865 | 253 | 90972 | 127 | 23995 | 108 | 26991 | 03 | 1 |
| 304 | 497 | 58765 | 484 | 57999 | 400 | 68998 | 346 | 76896 | 03 | 1 |
| | 274 | 89986 | 150 | 15991 | 098 | 18997 | 065 | 11994 | 03 | 1 |
| 327 | 271 | 90981 | 244 | 96990 | | | | | 03 | 1 |
| 340 | 400 | 68996 | 314 | 80937 | 264 | 90001 | 118 | 20993 | 03 | 1 |
| 353 | 268 | 89004 | 144 | 17993 | 120 | 20995 | | | 03 | 1 |
| 386 | 130 | 25991 | | | | | | | 03 | 1 |
| 394 | 675 | 08019 | 580 | 00696 | 400 | 65990 | 162 | 13997 | 03 | 1 |
| | 130 | 19990 | | | | | | | 03 | 1 |
| 405 | 400 | 68829 | 358 | 74781 | 267 | 90933 | 164 | 11991 | 03 | 1 |
| | 104 | 18990 | 080 | 15995 | | | | | 03 | 1 |
| 445 | 470 | 60671 | 458 | 60712 | 400 | 66804 | 332 | 77903 | 03 | 1 |
| | 264 | 90990 | 170 | 10996 | 085 | 14990 | | | 03 | 1 |
| 451 | 090 | 16991 | 050 | 07997 | | | | | 03 | 1 |
| 476 | 143 | 19991 | 116 | 23995 | 108 | 20991 | | | 03 | 1 |
| 486 | 139 | 19992 | 104 | 25997 | | | | | 03 | 1 |
| 493 | 400 | 67998 | 135 | 16998 | 117 | 14993 | 096 | 19991 | 03 | 1 |
| | 044 | 02996 | | | | | | | 03 | 1 |
| 506 | 319 | 81853 | 274 | 89009 | 139 | 13994 | | | 03 | 1 |
| 518 | 345 | 77891 | 272 | 90943 | 137 | 13998 | 116 | 13996 | 03 | 1 |
| 520 | 400 | 71999 | 384 | 71995 | 269 | 90990 | 139 | 13996 | 03 | 1 |
| 528 | 138 | 11994 | | | | | | | 03 | 1 |
| 534 | 400 | 68801 | 284 | 88986 | 113 | 19993 | 073 | 11992 | 03 | 1 |
| 536 | 450 | 64793 | 400 | 71784 | 318 | 84937 | 274 | 88989 | 03 | 1 |
| | 130 | 17991 | 085 | 15992 | | | | | 03 | 1 |
| 553 | 561 | 51546 | 492 | 58747 | 447 | 63814 | 435 | 62806 | 03 | 1 |
| | 400 | 67997 | 265 | 89998 | 105 | 23992 | | | 03 | 1 |
| 562 | 382 | 68782 | 353 | 72776 | 340 | 74827 | 266 | 87903 | 03 | 1 |
| | 177 | 10996 | 128 | 20998 | | | | | 03 | 1 |
| 597 | 388 | 76894 | | | | | | | 03 | 1 |
| 600 | 723 | 07547 | 706 | 07545 | 678 | 04549 | 646 | 04637 | 03 | 1 |
| | 601 | 01694 | 541 | 54686 | 485 | 58781 | 401 | 89882 | 03 | 1 |
| | 387 | 70866 | 191 | 06993 | 176 | 07990 | 142 | 13999 | 03 | 1 |
| | 101 | 58 | | | | | | | 03 | 1 |
| 606 | 400 | 72868 | 274 | 90990 | 154 | 09998 | | | 03 | 1 |
| 655 | 400 | 70996 | 317 | 83948 | 285 | 89984 | 240 | 97996 | 03 | 1 |
| | 115 | 14998 | 064 | 03995 | 101 | 65*** | 028 | 06*** | 03 | 1 |
| 681 | 235 | 00995 | 188 | 05991 | 168 | 01998 | 117 | 08990 | 03 | 1 |
| | 111 | 07992 | | | | | | | 03 | 1 |
| 712 | 400 | 74812 | 348 | 77899 | 284 | 89951 | 118 | 10991 | 03 | 1 |
| 734 | 385 | 74885 | 335 | 83938 | 242 | 00992 | 218 | 00996 | 03 | 1 |
| | 187 | 00993 | | | | | | | 03 | 1 |
| 747 | 598 | 54571 | 534 | 58625 | 471 | 64784 | 400 | 73856 | 03 | 1 |
| | 309 | 88995 | 230 | 03996 | 208 | 05998 | 112 | 08995 | 03 | 1 |
| | 106 | 06994 | 101 | 69 | 301 | 02*** | | | 03 | 1 |
| 764 | 136 | 10992 | 113 | 08994 | | | | | 03 | 1 |
| 798 | 225 | 00990 | | | | | | | 03 | 1 |
| 807 | 400 | 68998 | | | 192 | 09990 | 168 | 09994 | 02 | 1 |
| | 116 | 17990 | | | | | | | 02 | 1 |
| 815 | 635 | 75854 | 270 | 90996 | 101 | 58*** | | | 03 | 1 |
| 816 | 400 | 72926 | 316 | 85926 | 283 | 90990 | 207 | 05997 | 03 | 1 |
| | 116 | 02993 | 101 | 58 | | | | | 03 | 1 |
| 826 | 101 | 68 | 071 | 60 | 101 | 65*** | 083 | 60*** | 03 | 1 |
| | 101 | 58 | | | | | | | 03 | 1 |
| 836 | 400 | 73847 | 253 | 95996 | 184 | 93996 | 087 | 01996 | 03 | 1 |
| | 101 | 58 | | | | | | | 03 | 1 |
| 867 | 219 | 05997 | 178 | 00997 | 068 | 00996 | | | 03 | 1 |
| 896 | 070 | 09996 | 101 | 47 | | | | | 03 | 1 |
| 906 | 628 | 53999 | 578 | 56805 | 425 | 71854 | 400 | 75844 | 03 | 1 |
| | 350 | 80824 | 245 | 01994 | 190 | 09991 | 101 | 58*** | 03 | 1 |
| 907 | 302 | 90942 | 215 | 08994 | 176 | 98994 | 150 | 98994 | 03 | 1 |
| 913 | 516 | 69808 | 450 | 76884 | 400 | 83932 | 336 | 90991 | 03 | 1 |
| | 284 | 96994 | 265 | 96995 | 169 | 94993 | 057 | 96993 | 03 | 1 |
| 915 | 229 | 05995 | 050 | | | | | | 03 | 1 |
| 917 | 456 | 75885 | 400 | 81854 | 326 | 89925 | 240 | 03996 | 03 | 1 |
| | 125 | 96990 | | | | | | | 03 | 1 |
| 918 | 400 | 81997 | 267 | 03991 | 230 | 03999 | 050 | 90996 | 03 | 1 |
| 924 | 322 | 91997 | | | | | | | 03 | 1 |
| 934 | 400 | 78998 | 230 | 05993 | 173 | 96990 | 055 | 96991 | 03 | 1 |
| | 101 | 58 | | | | | | | 03 | 1 |
| 945 | 235 | 01994 | 083 | 92999 | 101 | 58*** | | | 03 | 1 |
| 74 | | | | | | | | | | |
| 074 | 664 | 53665 | 622 | 56736 | 580 | 60697 | 400 | 79911 | 03 | 1 |
| | 326 | 89990 | 230 | 07994 | 084 | 91998 | | | 03 | 1 |

## RADIOSONDE AND RAWINSONDE DATA
## SIGNIFICANT LEVELS

| Index No. iii | 1st. 5th. etc. Level PPP | TTTTT ddx | 2nd. 6th. etc. Level PPP | TTTTT ddx | 3rd. 7th. etc. Level PPP | TTTTT ddx | 4th. 8th. etc. Level PPP | TTTTT ddx | Hour GG | Code Type |
|---|---|---|---|---|---|---|---|---|---|---|
| 109 | 207 | 98992 | 098 | 92994 | 101 | 47*** | | | 03 | 1 |
| 76 | | | | | | | | | | |
| 644 | | | 138 | 25997 | | | | | 03 | 1 |
| 679 | 266 | 90990 | 170 | 14997 | | | | | 03 | 1 |
| 78 | | | | | | | | | | |
| 355 | 400 | 67769 | | | | | | | 03 | 1 |
| 395 | 400 | 67999 | | | | | | | 03 | 1 |
| 501 | 528 | 54711 | 474 | 59706 | 400 | 67813 | 330 | 77903 | 03 | 1 |
| | 136 | 21999 | 099 | 25993 | 095 | 24998 | | | 03 | 1 |
| 862 | 483 | 60631 | 440 | 65721 | 400 | 69736 | 344 | 78827 | 03 | 1 |
| | 279 | 90990 | 230 | 98999 | 101 | 69*** | 222 | 79*** | 03 | 1 |
| | 101 | 58 | | | | | | | 03 | 1 |
| 972 | 101 | 59 | | | | | | | 03 | 1 |
| 91 | | | | | | | | | | |
| 066 | 637 | 50531 | 598 | 53603 | 562 | 58602 | 534 | 59616 | 03 | 1 |
| | 470 | 54679 | 432 | 68721 | 400 | 71764 | 328 | 84404 | 03 | 1 |
| | 290 | 90990 | 182 | 08993 | 088 | 11996 | 045 | 01996 | 03 | 1 |
| | 101 | 68 | 661 | 90 | 909 | 90*** | | | 03 | 1 |
| 115 | 188 | 11995 | 101 | 58 | | | | | 03 | 1 |
| 188 | 135 | 19992 | 126 | 16991 | 089 | 20997 | 040 | 05992 | 03 | 1 |
| 275 | 665 | 10622 | 101 | 58 | | | | | 03 | 1 |
| 98 | | | | | | | | | | |
| 327 | 101 | 58 | | | | | | | 03 | 1 |
| 645 | 349 | 72864 | 130 | 27990 | 116 | 29997 | | | 03 | 8 |
| QLL | | OCEAN | STA | | | | | | | |
| 034 | 160 | 17995 | 136 | 21993 | 050 | 08996 | | | 03 | 9 |
| 035 | 400 | 67990 | 262 | 90990 | 128 | 22998 | 120 | 21990 | 03 | 9 |
| 037 | 400 | 69990 | 272 | 90990 | 135 | 19990 | 128 | 18993 | 03 | 9 |
| 041 | 665 | 00615 | 650 | 00622 | 615 | 51672 | 592 | 54710 | 02 | 8 |
| | 570 | 54741 | 515 | 60790 | 302 | 88032 | | | 02 | 8 |
| 044 | 430 | 66811 | 400 | 71791 | 384 | 74792 | 332 | 80866 | 03 | 9 |
| | 288 | 87989 | 160 | 14990 | 144 | 09997 | 095 | 08996 | 03 | 9 |
| 055 | 273 | 01990 | | | | | | | 05 | 9 |
| 063 | 455 | 70737 | 400 | 77807 | 324 | 89922 | 227 | 11990 | 03 | 9 |
| | 151 | 97997 | 086 | 97997 | | | | | 03 | 9 |
| 126 | 580 | 00997 | 517 | 55715 | 490 | 59701 | 457 | 63772 | 03 | 9 |
| | 400 | 69998 | 315 | 84992 | 270 | 94991 | 228 | 01990 | 03 | 9 |
| | 101 | 53 | 101 | 42 | | | | | 03 | 9 |
| 144 | 208 | 09995 | 171 | 06894 | 060 | 08990 | | | 03 | 9 |
| 223 | 277 | 78 | 197 | 92 | | | | | 02 | 1 |
| 246 | 175 | 09995 | 070 | 01995 | | | | | 03 | 2 |

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| Index No. iii | 1st. 5th. etc. Level PPP | TTTTT ddx | 2nd. 6th. etc. Level PPP | TTTTT ddx | 3rd. 7th. etc. Level PPP | TTTTT ddx | 4th. 8th. etc. Level PPP | TTTTT ddx | Hour GG | Code Type |
|---|---|---|---|---|---|---|---|---|---|---|
| 01 | | | | | | | | | | |
| 001 | 575 | 66688 | 400 | 86891 | 317 | 96981 | 267 | 04990 | 03 | 8 |
| | 267 | 04990 | 176 | 98997 | | | | | 03 | 8 |
| 030 | 160 | 98 2 | 152 | 95 6 | 135 | 98**4 | 120 | 94**6 | 03 | 8 |
| 384 | 242 | 04 | | | | | | | 03 | 5 |
| 02 | | | | | | | | | | |
| 057 | 252 | 03995 | 248 | 02998 | 241 | 02997 | 222 | 98991 | 03 | 8 |
| | 153 | 93995 | | | | | | | 03 | 8 |
| 084 | 225 | 06990 | 211 | 00990 | 171 | 96999 | | | 03 | 8 |
| 974 | 170 | 04993 | | 03998 | | | | | 03 | 7 |
| 03 | | | | | | | | | | |
| 171 | 410 | 85700 | 214 | 33 0 | 194 | 34**0 | 160 | 39**0 | 02 | 7 |
| | 119 | 42 0 | | | | | | | 02 | 7 |
| 953 | 426 | 00 0 | 350 | 78 0 | 204 | 32**0 | 177 | 26**0 | 03 | 7 |
| | 153 | 36 0 | 121 | 36 0 | 112 | 40**0 | | | 03 | 7 |
| 04 | | | | | | | | | | |
| 018 | 400 | 76853 | 307 | 90951 | | | | | 03 | 1 |
| 360 | 230 | 09999 | | | | | | | 03 | 5 |
| 06 | | | | | | | | | | |
| 260 | 650 | 54652 | 525 | 63754 | 402 | 75804 | 338 | 85897 | 03 | 8 |
| | 217 | 04 | | | | | | | 03 | 8 |
| 447 | 209 | 12 0 | 140 | 04 0 | 132 | 06**3 | 097 | 07**5 | 03 | 8 |
| | 082 | 03 5 | 070 | 03 0 | | | | | 03 | 8 |
| 610 | 242 | 50 1 | 225 | 02 0 | 191 | 01**7 | 183 | 98**4 | 05 | 5 |
| | 173 | 98 1 | | | | | | | 05 | 5 |
| 07 | | | | | | | | | | |
| 110 | 657 | 51582 | 632 | 54618 | 608 | 55638 | 574 | 59661 | 02 | 5 |
| | 458 | 70763 | 358 | 80860 | 292 | 94**4 | | | 02 | 5 |
| 145 | 568 | 60649 | 526 | 61656 | 430 | 68726 | 242 | 81852 | 02 | 8 |
| | 268 | 94 4 | 222 | 90 2 | | | | | 02 | 8 |
| 190 | 650 | 65637 | 610 | 59689 | 534 | 64743 | 484 | 7680* | 02 | 8 |
| | 324 | 86974 | 312 | 89005 | 285 | 92**4 | | | 02 | 8 |
| 480 | 445 | 72815 | 337 | 81944 | 269 | 95**0 | 204 | 06**0 | 02 | 8 |
| | 155 | 06 4 | 100 | 10 0 | 080 | 10**0 | | | 02 | 8 |
| 510 | 625 | 00604 | 557 | 57655 | 380 | 77832 | 345 | 83892 | 02 | 8 |
| | 314 | 86924 | 260 | 07 1 | 176 | 07**4 | | | 02 | 8 |
| 645 | 586 | 55655 | 570 | 55655 | 478 | 65761 | 474 | 68798 | 02 | 8 |
| | 456 | 67775 | 378 | 78897 | | | | | 02 | 8 |
| 08 | | | | | | | | | | |
| 509 | 101 | 55 | | | | | | | 03 | 1 |
| 521 | 400 | 68836 | 257 | 8797 | 143 | 15998 | 096 | 20996 | 14 | 8 |
| | 084 | 16995 | 074 | 18991 | 050 | 08996 | | | 14 | 8 |
| 536 | 113 | 15997 | 047 | 01978 | | | | | 14 | 8 |
| 10 | | | | | | | | | | |
| 338 | 213 | 45 0 | 084 | 42 0 | | | | | 02 | 7 |
| 384 | 318 | 90952 | 260 | 00992 | 225 | 94992 | 107 | 97992 | 03 | 5 |
| 633 | 495 | 67998 | 425 | 73839 | 400 | 76835 | 309 | 90973 | 03 | 5 |
| | 270 | 98990 | 240 | 00999 | 190 | 98995 | 120 | 98995 | 03 | 5 |
| | 043 | 88990 | | | | | | | 03 | 5 |
| 11 | | | | | | | | | | |
| 030 | 080 | 01 0 | | | | | | | 03 | 5 |
| 17 | | | | | | | | | | |
| 130 | 483 | 59997 | 400 | 69997 | | | | | 02 | 8 |
| 47 | | | | | | | | | | |
| 580 | 185 | 95990 | 101 | 55 | | | | | 03 | 1 |
| 635 | 092 | 18993 | | | | | | | 03 | 1 |
| 671 | 429 | 59719 | 400 | 10121 | 365 | 66826 | 247 | 88996 | 03 | 1 |
| | 132 | 16990 | 035 | 95990 | 012 | 97999 | 101 | 58*** | 03 | 1 |
| 60 | | | | | | | | | | |
| 135 | 672 | 04812 | 635 | 02832 | 558 | 56898 | 484 | 62957 | 02 | 8 |
| | 440 | 68981 | 354 | 77052 | | | | | 02 | 8 |
| 390 | 464 | 62802 | 418 | 70872 | 381 | 76923 | 320 | 86010 | 02 | 5 |
| 61 | | | | | | | | | | |
| 642 | 569 | 52591 | 542 | 53672 | 508 | 57681 | 487 | 58991 | 07 | 5 |
| | 423 | 63997 | 329 | 76991 | 159 | 14**0 | | | 07 | 5 |
| 70 | | | | | | | | | | |
| 026 | 607 | 59637 | 575 | 58658 | 521 | 64716 | 493 | 66808 | 03 | 1 |
| | | 69775 | 400 | 77836 | 305 | 90972 | 210 | 08990 | 03 | 1 |
| | 177 | 98999 | | | | | | | 03 | 1 |
| 231 | 400 | 79873 | | | | | | | 03 | 1 |
| 273 | 101 | 67 | 033 | 30 | | | | | 03 | 1 |
| 291 | 060 | 94994 | | | | | | | 04 | 1 |
| 350 | 248 | 02992 | 080 | 96998 | | | | | 03 | 1 |
| 439 | 967 | 69791 | 322 | 75892 | 246 | 87990 | 163 | 00990 | 03 | 1 |
| | 150 | 00995 | 101 | 55 | | | | | 03 | 1 |
| 454 | 166 | 07990 | 141 | 01994 | 125 | 02990 | 064 | 93990 | 03 | 1 |
| | 101 | 58 | | | | | | | 03 | 1 |
| 72 | | | | | | | | | | |
| 208 | 400 | 70839 | 374 | 75842 | 348 | 78839 | 283 | 90941 | 03 | 1 |
| | 130 | 17996 | 080 | 14994 | | | | | 03 | 1 |
| 219 | 262 | 89983 | 157 | 15999 | | | | | 03 | 1 |
| 240 | 130 | 20990 | 110 | 22993 | 085 | 20990 | | | 03 | 1 |
| 250 | 110 | 23999 | | | | | | | 03 | 1 |
| 265 | 066 | 14999 | | | | | | | 03 | 1 |
| 270 | 101 | 68 | 033 | 26 | | | | | 03 | 1 |
| 278 | 097 | 88 | 334 | 76852 | 268 | 87928 | 204 | 03991 | 03 | 1 |
| 304 | 143 | 16996 | 128 | 16990 | 098 | 20990 | 066 | 12999 | 03 | 1 |
| 317 | 136 | 18993 | 118 | 16993 | | | | | 03 | 1 |
| 327 | 268 | 89935 | 159 | 14991 | | | | | 03 | 1 |
| 340 | 249 | 89007 | 122 | 21999 | 056 | 11994 | | | 03 | 1 |
| 386 | 101 | 68 | 040 | 35 | | | | | 03 | 1 |
| 394 | 120 | 20990 | | | | | | | 03 | 1 |
| 405 | 255 | 89967 | 145 | 14994 | 107 | 20990 | | | 03 | 1 |
| 445 | 142 | 18997 | 108 | 26994 | 094 | 14994 | | | 03 | 1 |
| 476 | 119 | 20991 | 098 | 16999 | | | | | 03 | 1 |
| 486 | 098 | 20997 | 088 | 11998 | 056 | 07997 | | | 03 | 1 |
| 493 | 649 | 07659 | 518 | 55748 | 400 | 69990 | 147 | 12998 | 03 | 1 |
| | 112 | 16995 | 035 | 01999 | | | | | 03 | 1 |
| 506 | 366 | 74804 | 292 | 86961 | 166 | 13991 | 134 | 09997 | 03 | 1 |
| 518 | 470 | 63677 | 450 | 62768 | 400 | 70833 | 278 | 89937 | 03 | 1 |
| | 213 | 06995 | 165 | 12991 | 112 | 13994 | | | 03 | 1 |
| 528 | 459 | 63676 | 400 | 69739 | 336 | 79837 | 326 | 79843 | 03 | 1 |
| | 280 | 87987 | 120 | 16992 | 082 | 07991 | 067 | 10990 | 03 | 1 |
| 536 | 262 | 88995 | 144 | 18992 | 112 | 23997 | | | 03 | 1 |
| 553 | 124 | 24998 | 110 | 18990 | | | | | 03 | 1 |
| 562 | 101 | 68 | 038 | 30 | | | | | 03 | 1 |
| 576 | 226 | 96998 | 126 | 12999 | 118 | 11990 | | | 03 | 1 |
| 597 | 185 | 05990 | | | | | | | 03 | 1 |
| 606 | 158 | 12990 | 105 | 12995 | 088 | 09996 | | | 03 | 1 |
| 655 | 400 | 69993 | 365 | 73887 | 347 | 74839 | 260 | 90010 | 03 | 1 |
| | 142 | 18991 | 128 | 19990 | | | | | 03 | 1 |
| 681 | 206 | 07991 | 116 | 07994 | 111 | 06992 | | | 03 | 1 |
| 712 | 314 | 88995 | 226 | 02998 | 150 | 00991 | | | 03 | 1 |
| 734 | 534 | 55715 | 482 | 60749 | 470 | 62734 | 400 | 71822 | 03 | 1 |
| | 366 | 76891 | 128 | 02996 | 114 | 61998 | | | 03 | 1 |
| 747 | 400 | 71992 | 350 | 78991 | 276 | 90001 | 176 | 08992 | 03 | 1 |
| | 140 | 12990 | 104 | 08991 | | | | | 03 | 1 |
| 764 | 274 | 89994 | 130 | 13995 | 082 | 03998 | | | 03 | 1 |
| 798 | 400 | 74831 | 380 | 76811 | 310 | 88954 | 120 | 02997 | 03 | 1 |
| 807 | 400 | 71999 | | | | | | | 03 | 1 |
| 815 | 101 | 58 | | | | | | | 03 | 1 |
| 816 | 400 | 77844 | 382 | 90952 | 234 | 88999 | 188 | 96997 | 03 | 1 |
| | 150 | 98991 | 101 | 68 | 072 | 57*** | 101 | 58*** | 03 | 1 |
| 826 | 105 | 00991 | 101 | 69 | 443 | 77*** | 101 | 58*** | 03 | 1 |
| 867 | 588 | 57606 | 400 | 73789 | 340 | 84998 | 244 | 98999 | 03 | 1 |
| | 238 | 00991 | 208 | 02997 | 163 | 98999 | 125 | 00991 | 03 | 1 |
| 879 | 101 | 58 | | | | | | | 03 | 1 |
| 896 | 172 | 01991 | 090 | 00995 | 101 | 47*** | | | 03 | 1 |
| 906 | 311 | 00941 | | 97990 | 173 | 97990 | 128 | 00990 | 03 | 1 |
| | 101 | 58 | | | | | | | 03 | 1 |
| 913 | 354 | 66794 | 478 | 75772 | 442 | 77855 | 400 | 83931 | 03 | 1 |
| | 276 | 00990 | 248 | 99996 | 227 | 96994 | 159 | 94990 | 03 | 1 |
| | 097 | 98991 | | | | | | | 03 | 1 |
| 915 | 478 | 69721 | 437 | 73762 | 400 | 76784 | 320 | 89913 | 03 | 1 |
| | 208 | 10995 | 172 | 98999 | 160 | 98999 | | | 03 | 1 |
| 917 | 400 | 86992 | 363 | 89998 | 326 | 83992 | 296 | 90995 | 03 | 1 |
| 918 | 400 | 82999 | 244 | 05990 | 043 | 92998 | | | 03 | 1 |
| 924 | 283 | 97996 | | | | | | | 03 | 1 |
| 934 | 599 | 62715 | 583 | 62726 | 560 | 65772 | 400 | 82927 | 03 | 1 |
| | 260 | 03995 | 070 | 96994 | 101 | 58*** | | | 03 | 1 |
| 938 | 186 | 95999 | | | | | | | 02 | 1 |
| 964 | 101 | 58 | | | | | | | 03 | 1 |
| 968 | 025 | 86993 | 101 | 58 | | | | | 03 | 1 |

## RADIOSONDE AND RAWINSONDE DATA
## SIGNIFICANT LEVELS

| Index No. iii | 1st. 5th. etc. Level PPP | TTTTT ddx | 2nd. 6th. etc. Level PPP | TTTTT ddx | 3rd. 7th. etc. Level PPP | TTTTT ddx | 4th. 8th. etc. Level PPP | TTTTT ddx | Hour GG | Code Type |
|---|---|---|---|---|---|---|---|---|---|---|
| 74 | | | | | | | | | | |
| 074 | 594 | 63701 | 566 | 64741 | 537 | 67769 | 518 | 67818 | 03 | 1 |
| | 400 | 80995 | 290 | 95996 | 172 | 90995 | | | 03 | 1 |
| 090 | 050 | 92994 | | | | | | | 03 | 1 |
| 109 | 176 | 02990 | 080 | 98990 | 101 | 47*** | | | 03 | 1 |
| 76 | | | | | | | | | | |
| 491 | 358 | 74827 | 334 | 77898 | 273 | 88977 | 127 | 22999 | 02 | 1 |
| | 087 | 23993 | 068 | 16994 | | | | | 02 | 1 |
| 644 | 156 | 18993 | 063 | | | | | | 03 | 1 |
| 679 | 364 | 73786 | 340 | 76864 | 274 | 89934 | 165 | 16994 | 03 | 1 |
| 78 | | | | | | | | | | |
| 355 | 471 | 59764 | 432 | 64789 | 424 | 64792 | 400 | 67994 | 03 | 1 |
| | 275 | 88994 | 143 | 21996 | 130 | 19997 | | | 03 | 1 |
| 367 | 400 | 67757 | | | 315 | 80998 | 264 | 89999 | 03 | 1 |
| | 170 | 13996 | | | | | | | 03 | 1 |
| 501 | 127 | 22998 | | | | | | | 03 | 1 |
| 525 | | | 280 | 88999 | 092 | 27990 | 070 | 17992 | 03 | 1 |
| | 101 | 69 | 301 | 69 | 992 | 80*** | | | 03 | 1 |
| 741 | 462 | 59633 | 406 | 66768 | 379 | 60828 | 343 | 75832 | 03 | 1 |
| | 257 | 90972 | 194 | 07990 | 150 | 17192 | | | 03 | 1 |
| 91 | | | | | | | | | | |
| 066 | 400 | 70791 | | | | | | | 03 | 1 |
| 115 | 370 | 85994 | 137 | 29940 | 123 | 24997 | 074 | 13998 | 03 | 1 |
| | 101 | 58 | | | | | | | 03 | 1 |
| 182 | 357 | 76861 | 327 | 80916 | 274 | 89998 | 188 | 11991 | 03 | 1 |
| | 170 | 10994 | 125 | 17996 | 102 | 17990 | 093 | 19996 | 03 | 1 |
| | 028 | 98994 | | | | | | | 03 | 1 |
| 215 | 344 | 88952 | 110 | 25995 | 101 | 58*** | | | 03 | 1 |
| 245 | 175 | 12996 | 130 | 18999 | 114 | 12997 | 078 | 15994 | 03 | 1 |
| | 036 | 01996 | | | | | | | 03 | 1 |
| 275 | 400 | 64993 | | | | | | | 03 | 1 |
| 366 | 125 | 23997 | 077 | 18990 | 101 | 59*** | | | 03 | 1 |
| 98 | | | | | | | | | | |
| 645 | 109 | 29997 | | | | | | | 03 | 8 |
| QLL | | OCEAN | STA | | | | | | | |
| 034 | 130 | 17995 | 055 | 09992 | | | | | 03 | 9 |
| 035 | 274 | 90990 | 128 | 20993 | 068 | 11994 | | | 03 | 9 |
| 037 | 400 | 67991 | 266 | 90990 | 148 | 17997 | 142 | 17995 | 03 | 9 |
| 041 | 520 | 60742 | 476 | 69995 | 438 | 67819 | | | 02 | 8 |
| 044 | 400 | 71857 | 382 | 73871 | 298 | 88997 | 234 | 01998 | 03 | 9 |
| | 146 | 11993 | 085 | 09991 | | | | | 03 | 9 |
| 053 | 310 | 94998 | 305 | 94993 | | | | | 03 | 9 |
| 055 | 646 | 55671 | 619 | 57654 | 607 | 59712 | 521 | 66826 | 03 | 9 |
| | 455 | 72871 | 400 | 77812 | 318 | 90923 | 215 | 07990 | 03 | 9 |
| | 184 | 98999 | | | | | | | 03 | 9 |
| 063 | 221 | 97994 | 094 | 95991 | | | | | 03 | 9 |
| 144 | 562 | 56726 | 537 | 58756 | 446 | 65705 | 400 | 70754 | 03 | 9 |
| 223 | 229 | 92 | 148 | 02 | 121 | 08*** | | | 02 | 1 |
| 360 | 400 | 83911 | 250 | 07 | 150 | 97*** | | | 03 | 5 |

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| Index No. iii | 1st. 5th. etc. Level PPP | TTTTT ddx | 2nd. 6th. etc. Level PPP | TTTTT ddx | 3rd. 7th. etc. Level PPP | TTTTT ddx | 4th. 8th. etc. Level PPP | TTTTT ddx | Hour GG | Code Type |
|---|---|---|---|---|---|---|---|---|---|---|
| 01 | | | | | | | | | | |
| 001 | 400 | 79873 | 290 | 96041 | 244 | 04990 | 231 | 04990 | 03 | 8 |
| | 215 | 99999 | 183 | 96995 | 100 | 93990 | | | 03 | 8 |
| 030 | 590 | 68704 | 520 | 74768 | 400 | 84877 | 345 | 92949 | 03 | 5 |
| 384 | 665 | 52617 | 529 | 65746 | 400 | 80897 | 220 | 12*** | 03 | 5 |
| | 178 | 05 | 120 | 07 | 115 | 99*** | | | 03 | 5 |
| 415 | 210 | 99997 | 121 | 00997 | | | | | 03 | 8 |
| 02 | | | | | | | | | | |
| 057 | 241 | 05992 | 205 | 97992 | | | | | 03 | 8 |
| 084 | 234 | 04996 | 226 | 03996 | | | | | 03 | 8 |
| 03 | | | | | | | | | | |
| 953 | 160 | 30 0 | | | | | | | 03 | 7 |
| 04 | | | | | | | | | | |
| 018 | 345 | 90952 | 282 | 01999 | 254 | 96992 | 135 | 95995 | 03 | 1 |
| 202 | 097 | 91990 | | | | | | | 03 | 1 |
| 270 | 166 | 96990 | 108 | 95995 | | | | | 03 | 1 |
| 06 | | | | | | | | | | |
| 260 | 572 | 58634 | 510 | 65672 | 469 | 70720 | 405 | 78811 | 03 | 8 |
| | 355 | 83920 | 334 | 85 | 319 | 86*** | 265 | 93*** | 03 | 8 |
| | 197 | 07 | 180 | 08 | | | | | 03 | 8 |
| 447 | 345 | 79904 | 214 | 03 0 | 180 | 07**4 | 159 | 02**4 | 03 | 8 |
| | 055 | 98 0 | | | | | | | 03 | 8 |
| 610 | 418 | 73788 | 394 | 74829 | 300 | 85943 | 234 | 99**1 | 05 | 5 |
| | 212 | 01 7 | | | | | | | 05 | 5 |
| 07 | | | | | | | | | | |
| 110 | 605 | 54604 | 584 | 55611 | 478 | 62704 | 356 | 80842 | 02 | 5 |
| | 342 | 80887 | 295 | 90970 | 272 | 94**4 | | | 02 | 5 |
| 145 | 468 | 63766 | 417 | 71816 | 356 | 77883 | 280 | 99**7 | 02 | 8 |
| | 200 | 02 4 | 184 | 03 7 | 129 | 00**4 | | | 02 | 8 |
| 190 | 459 | 70751 | 374 | 80843 | 264 | 95**7 | 220 | 04*** | 02 | 8 |
| | 183 | 09 1 | 112 | 04 0 | 068 | 04**0 | | | 02 | 8 |
| 480 | 464 | 73846 | 446 | 73854 | 367 | 84966 | 228 | 06**4 | 02 | 8 |
| | 184 | 07 7 | 162 | 05 7 | | | | | 02 | 8 |
| 510 | 540 | 59727 | 368 | 75896 | 331 | 82961 | | | 02 | 5 |
| 645 | 676 | 04614 | 640 | 00654 | 611 | 53680 | 538 | 61741 | 02 | 8 |
| | 490 | 67808 | 414 | 74837 | | | | | 02 | 8 |
| 08 | | | | | | | | | | |
| 509 | 643 | 07013 | 595 | 03628 | 533 | 51581 | 400 | 67763 | 03 | 2 |
| | 362 | 73832 | 166 | 08992 | | | | | 03 | 2 |
| 521 | 458 | 63796 | 400 | 68836 | 125 | 20992 | 103 | 22998 | 14 | 8 |
| | 094 | 18990 | 088 | 20990 | 064 | 08996 | | | 14 | 8 |
| 536 | 440 | 62773 | 400 | 66997 | 236 | 97995 | 110 | 13995 | 14 | 8 |
| | 062 | 03993 | 040 | 98990 | | | | | 14 | 8 |
| 10 | | | | | | | | | | |
| 034 | 088 | 47 0 | | | | | | | 02 | 2 |
| 384 | 548 | 61797 | 480 | 68831 | 400 | 77998 | 315 | 90990 | 03 | 5 |
| | 273 | 98999 | 225 | 00990 | 096 | 96995 | | | 03 | 5 |
| 419 | 413 | 85 0 | 271 | | | | | | 02 | 2 |
| 633 | 230 | 04990 | 170 | 00992 | 083 | 00992 | 040 | 94992 | 03 | 5 |
| 866 | 325 | 88992 | 243 | 02992 | 225 | 01997 | 155 | 00990 | 03 | 5 |
| | 153 | 01995 | | | | | | | 03 | 5 |
| 11 | | | | | | | | | | |
| 030 | 400 | 78862 | 316 | 90963 | 258 | 02**4 | 134 | 97**1 | 03 | 5 |
| 567 | 232 | 00995 | 172 | 01991 | 110 | 99994 | | | 05 | 5 |
| 16 | | | | | | | | | | |
| 596 | 292 | 78400 | 205 | 14 0 | 951 | 11*** | 068 | 06*** | 02 | 4 |
| | 067 | 11 0 | 063 | 18 0 | | | | | 02 | 4 |
| 17 | | | | | | | | | | |
| 130 | 663 | 07632 | 584 | 52669 | | 53711 | 541 | 53991 | 02 | 8 |
| | 510 | 57994 | 471 | 62990 | 452 | 63999 | 400 | 69919 | 02 | 8 |
| 606 | 275 | 84430 | 075 | 97 0 | 078 | 94**0 | 165 | 99**0 | 02 | 7 |
| 40 | | | | | | | | | | |
| 648 | 438 | 25750 | 397 | 15680 | 315 | 95450 | 297 | 92500 | 02 | 4 |
| | 264 | 81410 | 167 | 50 0 | 096 | 23**0 | 081 | 12**0 | 02 | 4 |
| | 053 | 01 0 | 033 | 03 0 | 027 | 03**0 | | | 02 | 4 |
| 42 | | | | | | | | | | |
| 909 | 275 | 79 | | | | | | | 14 | 8 |
| 47 | | | | | | | | | | |
| 580 | 370 | 68770 | 344 | 71758 | 274 | 83917 | 168 | 12990 | 03 | 1 |
| | 126 | 11992 | 101 | 59 | | | | | 03 | 1 |
| 635 | | | 348 | 64990 | 250 | 84993 | 156 | 07990 | 05 | 1 |
| | 115 | 16995 | 101 | 59 | | | | | 05 | 1 |
| 671 | 430 | 58992 | 400 | 63995 | 250 | 86993 | 145 | 10998 | 03 | 1 |
| | 065 | 04990 | 101 | 55 | | | | | 03 | 1 |
| 931 | 400 | 63671 | 265 | 84927 | 135 | 18995 | | | 03 | 1 |
| 60 | | | | | | | | | | |
| 390 | 725 | 12571 | 673 | 08608 | 662 | 06625 | 531 | 58797 | 02 | 5 |
| | 483 | 61781 | 445 | 64822 | 320 | 82007 | | | 02 | 5 |
| 61 | | | | | | | | | | |
| 642 | 512 | 56581 | 448 | 61991 | 177 | 10**4 | | | 07 | 5 |
| 62 | | | | | | | | | | |
| 011 | 328 | 76998 | 266 | 90990 | 216 | 96994 | 101 | 55*** | 03 | 5 |
| 366 | 400 | 61 4 | | | | | | | 03 | 5 |
| 70 | | | | | | | | | | |
| 026 | | 03995 | | | | | | | 03 | 1 |
| 219 | 467 | 66727 | 400 | 74786 | 304 | 90942 | 244 | 03994 | 03 | 1 |
| | 135 | 98990 | | | | | | | 03 | 1 |
| 273 | 131 | 02994 | | | | | | | 03 | 1 |
| 361 | 260 | 02995 | | 96996 | | | | | 03 | 1 |
| 398 | 175 | 94996 | | | | | | | 03 | 1 |
| 409 | 125 | 98995 | | | | | | | 03 | 1 |
| 439 | 600 | 50996 | 400 | 69995 | 250 | 89996 | 101 | 54*** | 03 | 1 |
| 454 | 101 | 55 | | | | | | | 03 | 1 |
| 72 | | | | | | | | | | |
| 202 | 150 | 14996 | | | | | | | 03 | 1 |
| 208 | 280 | 89993 | 116 | 22990 | | | | | 03 | 1 |
| 219 | 257 | 89993 | 144 | 17992 | 103 | 21994 | 077 | 14997 | 03 | 1 |
| 253 | 258 | 91992 | | | | | | | 03 | 1 |
| 259 | 250 | 90981 | 144 | 14995 | 101 | 58*** | | | 03 | 1 |
| 278 | 137 | 18999 | 107 | 22993 | 101 | 68*** | 034 | 25*** | 03 | 1 |
| 304 | 346 | 74865 | 270 | 87992 | 152 | 16994 | 131 | 19999 | 03 | 1 |
| | 120 | 17998 | | | | | | | 03 | 1 |
| 317 | 276 | 85976 | 255 | 89005 | 130 | 20994 | | | 03 | 1 |
| 327 | 272 | 87982 | 140 | 20991 | 116 | 25993 | 114 | 24993 | 03 | 1 |
| 340 | 102 | 24995 | 077 | 14998 | | | | | 03 | 1 |
| 386 | 400 | 68992 | 101 | 68 | 064 | 40*** | 292 | 85966 | 03 | 1 |
| | 275 | 89999 | 132 | 20991 | 101 | 68*** | 040 | 29*** | 03 | 1 |
| 405 | 262 | 89983 | 130 | 22993 | 111 | 24993 | 075 | 14996 | 03 | 1 |
| 476 | 160 | 11995 | 113 | 19993 | 092 | 15996 | | | 03 | 1 |
| 486 | 064 | 09998 | | | | | | | 03 | 1 |
| 493 | 034 | 03992 | | | | | | | 03 | 1 |
| 506 | 488 | 59768 | 462 | 61992 | 400 | 68996 | 119 | 21990 | 04 | 1 |
| | 113 | 20996 | | | | | | | 04 | 1 |
| 518 | 611 | 03581 | 529 | 56681 | 101 | 58*** | | | 03 | 1 |
| 520 | 095 | 19995 | | | | | | | 03 | 1 |
| 528 | 475 | 55657 | 447 | 58648 | 430 | 60726 | 400 | 64781 | 03 | 1 |
| | 340 | 72778 | 254 | 89985 | 165 | 11993 | | | 03 | 1 |
| 534 | 330 | 76782 | 250 | 89929 | 132 | 22998 | 180 | 23998 | 03 | 1 |
| 553 | 131 | 21991 | 114 | 21994 | | | | | 04 | 1 |
| 562 | 417 | 65721 | 400 | 67762 | 384 | 69802 | 364 | 72791 | 03 | 1 |
| | 324 | 77887 | 258 | 89009 | 116 | 21992 | | | 03 | 1 |
| 597 | 136 | 07995 | | | | | | | 03 | 1 |
| 600 | 555 | 54674 | 400 | 72853 | 224 | 01994 | 209 | 01990 | 03 | 1 |
| | 190 | 03990 | 134 | 01998 | 111 | 06995 | 101 | 58*** | 03 | 1 |
| 606 | 400 | 68995 | 282 | 88988 | 168 | 10993 | 113 | 17999 | 03 | 1 |
| | 093 | 15997 | | | | | | | 03 | 1 |
| 712 | 168 | 06992 | 156 | 04995 | 130 | 11993 | 075 | 07991 | 03 | 1 |
| 734 | 544 | 53727 | 400 | 69991 | 367 | 70996 | 252 | 90990 | 03 | 1 |
| | 160 | 11991 | 125 | 16993 | | | | | 03 | 1 |
| 768 | 074 | 04992 | | | | | | | 03 | 1 |
| 798 | 306 | 89008 | 220 | 03999 | 087 | 03996 | | | 03 | 1 |
| 816 | 224 | 03993 | 165 | 93995 | 138 | 98994 | 101 | 58*** | 03 | 1 |
| 826 | 600 | 51997 | 560 | 54694 | 458 | 65773 | 430 | 68994 | 03 | 1 |
| | 400 | 72833 | 315 | 84994 | 174 | 07991 | 140 | 05990 | 03 | 1 |

## RADIOSONDE AND RAWINSONDE DATA
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| Index No. iii | 1st. 5th. etc. Level PPP | TTTTT ddx | 2nd. 6th. etc. Level PPP | TTTTT ddx | 3rd. 7th. etc. Level PPP | TTTTT ddx | 4th. 8th. etc. Level PPP | TTTTT ddx | Hour GG | Code Type |
|---|---|---|---|---|---|---|---|---|---|---|
| 836 | 226 | 00990 | 154 | 02996 | 120 | 06990 | 076 | 03992 | 03 | 1 |
| | 101 | 58 | 101 | 65 | 079 | 70*** | | | 03 | 1 |
| 867 | 095 | 98994 | | | | | | | 03 | 1 |
| 896 | 325 | 88959 | 236 | 06990 | 195 | 97996 | 101 | 47*** | 03 | 1 |
| 906 | 317 | 90990 | 222 | 05999 | | | | | 03 | 1 |
| 907 | 437 | 70749 | 400 | 75791 | 303 | 90942 | 211 | 09997 | 03 | 1 |
| | 196 | 10994 | 185 | 03994 | 175 | 00991 | | | 03 | 1 |
| 909 | 118 | 96998 | | | | | | | 03 | 1 |
| 913 | 440 | 73845 | 400 | 77995 | 306 | 90933 | 222 | 06993 | 03 | 1 |
| | 210 | 98990 | 188 | 94998 | | | | | 03 | 1 |
| 934 | 400 | 79884 | 225 | 07998 | 186 | 01990 | 132 | 96992 | 03 | 1 |
| | 070 | 95995 | 101 | 58 | | | | | 03 | 1 |
| 938 | 311 | 93993 | 250 | 84990 | 156 | 95996 | | | 02 | 1 |
| 945 | 245 | 97993 | 080 | 94992 | 101 | 58*** | | | 03 | 1 |
| 968 | 035 | 87990 | 101 | 58 | | | | | 03 | 1 |
| 74 | | | | | | | | | | |
| 043 | 079 | 94995 | | | | | | | 03 | 1 |
| 072 | 244 | 03990 | | | | | | | 03 | 1 |
| 074 | 900 | 77896 | 260 | 00997 | 158 | 93993 | | | 03 | 1 |
| 090 | 212 | 97995 | 053 | 92991 | | | | | 03 | 1 |
| 109 | 400 | 73851 | 287 | 89019 | 245 | 98999 | 217 | 00994 | 03 | 1 |
| | 164 | 94995 | 057 | 96995 | 101 | 47*** | | | 03 | 1 |
| 188 | 204 | 05996 | 114 | 04992 | 101 | 58*** | | | 03 | 1 |
| 76 | | | | | | | | | | |
| 458 | 218 | 01991 | | | | | | | 04 | 1 |
| 644 | 400 | 68811 | 380 | 70850 | 358 | 73993 | 333 | 77893 | 03 | 1 |
| | 280 | 87911 | 147 | 21999 | 117 | 22999 | | | 03 | 1 |
| 679 | 177 | 12998 | | | | | | | 03 | 1 |
| 78 | | | | | | | | | | |
| 972 | 154 | 18990 | 140 | 19995 | 101 | 58*** | | | 03 | 1 |
| 91 | | | | | | | | | | |
| 115 | 400 | 66723 | 296 | 81881 | 262 | 90961 | 145 | 17998 | 03 | 1 |
| | 101 | 58 | | | | | | | 03 | 1 |
| 182 | 278 | 90000 | 163 | 15992 | 132 | 12994 | 093 | 17993 | 03 | 1 |
| | 046 | 11994 | | | | | | | 03 | 1 |
| 245 | 400 | 68812 | | | | | | | 03 | 1 |
| 366 | 379 | 68811 | 260 | 88990 | 125 | 24997 | 101 | 59*** | 03 | 1 |
| 98 | | | | | | | | | | |
| 327 | 400 | 65703 | 939 | 72808 | 251 | 89961 | 172 | 07991 | 03 | 1 |
| | 120 | 23990 | 101 | 58 | | | | | 03 | 1 |
| 645 | 265 | 88983 | 118 | 30997 | 046 | 03990 | | | 03 | 8 |
| QLL | | OCEAN | STA | | | | | | | |
| 034 | 120 | 17998 | | | | | | | 03 | 9 |
| 035 | 040 | 03999 | | | | | | | 03 | 9 |
| 041 | 655 | 01531 | 630 | 00532 | 570 | 56594 | 544 | 58601 | 02 | 8 |
| | 532 | 60613 | 510 | 60625 | 488 | 62645 | 376 | 73769 | 02 | 8 |
| | 300 | 89100 | 188 | 07 4 | 143 | 11*** | | | 02 | 8 |
| 053 | 226 | 06995 | 117 | 00995 | | | | | 03 | 9 |
| 055 | 333 | 89953 | 263 | 03995 | 084 | 98999 | | | 03 | 9 |
| 063 | 400 | 84962 | 359 | 90003 | 295 | 98996 | 229 | 93990 | 03 | 9 |
| | 090 | 96990 | | | | | | | 03 | 9 |
| 134 | 149 | 16990 | 086 | 18992 | 045 | 05995 | | | 03 | 9 |
| 144 | 275 | 00983 | 168 | 13993 | 062 | 04995 | | | 03 | 9 |
| 215 | 400 | 02995 | | | | | | | 03 | 9 |
| 223 | 223 | 93 | 159 | 09 | | | | | 02 | 1 |

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| Index No. iii | 1st. 5th. etc. Level PPP | TTTTT ddx | 2nd. 6th. etc. Level PPP | TTTTT ddx | 3rd. 7th. etc. Level PPP | TTTTT ddx | 4th. 8th. etc. Level PPP | TTTTT ddx | Hour GG | Code Type |
|---|---|---|---|---|---|---|---|---|---|---|
| 01 | | | | | | | | | | |
| 001 | 431 | 78873 | 411 | 79889 | 400 | 81903 | 353 | 88977 | 03 | 8 |
| | 271 | 03993 | 253 | 05990 | 243 | 02990 | | | 03 | 8 |
| 030 | 210 | 96 6 | 138 | 94 8 | 128 | 96**8 | 110 | 95**5 | 03 | 8 |
| 415 | 440 | 75863 | 400 | 81922 | 217 | 14999 | 205 | 13994 | 03 | 8 |
| | 178 | 06999 | 126 | 04991 | 095 | 03997 | | | 03 | 8 |
| 02 | | | | | | | | | | |
| 057 | 187 | 00997 | | | | | | | 03 | 8 |
| 03 | | | | | | | | | | |
| 743 | 197 | 30 0 | 174 | 38 0 | | | | | 02 | 2 |
| 953 | 047 | 40 0 | | | | | | | 03 | 7 |
| 04 | | | | | | | | | | |
| 018 | 195 | 90983 | 165 | 91992 | | | | | 03 | 1 |
| 202 | 152 | 92996 | | | | | | | 03 | 1 |
| 231 | 227 | 07995 | 196 | 01990 | 101 | 55*** | | | 09 | 1 |
| 339 | 132 | 90999 | | | | | | | 03 | 1 |
| 06 | | | | | | | | | | |
| 260 | 505 | 63786 | 450 | 70858 | 401 | 73904 | 230 | | 03 | 8 |
| | 170 | 08 | | | | | | | 03 | 8 |
| 447 | 217 | 06 2 | 180 | 99 8 | | | | | 03 | 8 |
| 610 | 454 | 69763 | 434 | 72773 | 412 | 73821 | 224 | 02**4 | 05 | 5 |
| | 198 | 04 1 | 186 | 01 0 | 122 | 02**1 | | | 05 | 5 |
| 07 | | | | | | | | | | |
| 110 | 683 | 01515 | 663 | 00520 | 625 | 52584 | 582 | 56581 | 02 | 5 |
| | 560 | 59611 | 528 | 60624 | 488 | 65675 | | | 02 | 5 |
| 145 | 633 | 00521 | 627 | 55573 | 566 | 59616 | 436 | 72791 | 02 | 8 |
| | 291 | 93117 | 259 | 03110 | 192 | 06**0 | | | 02 | 8 |
| 190 | 506 | 64706 | 450 | 69780 | 382 | 78853 | 327 | 8895* | 02 | 8 |
| | 280 | 92 7 | 157 | 01 7 | 045 | 02**1 | | | 02 | 8 |
| 480 | 262 | 95 4 | 225 | 03 8 | 207 | 05**4 | 130 | 06**7 | 02 | 8 |
| | 175 | 05 4 | 140 | 09 0 | 128 | 07**7 | | | 02 | 8 |
| 510 | 482 | 64708 | 455 | 67744 | 423 | 69774 | 382 | 85951 | 02 | 5 |
| | 289 | 90000 | 240 | 99 4 | 200 | 02**7 | | | 02 | 5 |
| 645 | 714 | 03553 | 645 | 52603 | 611 | 52615 | 538 | 59676 | 02 | 8 |
| | 472 | 62818 | 392 | 73813 | | | | | 02 | 8 |
| 08 | | | | | | | | | | |
| 509 | 450 | 65774 | 400 | 71824 | 314 | 85898 | 101 | 44*** | 03 | 1 |
| | 101 | 68 | 776 | 20 | 003 | 14*** | | | 03 | 1 |
| 521 | 400 | 65819 | 118 | 19998 | 087 | 23993 | | | 14 | 8 |
| 536 | 304 | 83995 | | | | | | | 14 | 8 |
| 10 | | | | | | | | | | |
| 034 | 216 | 47 0 | 193 | 48 0 | 145 | 40**0 | | | 02 | 2 |
| 384 | 248 | 01999 | 225 | 00990 | 096 | 98991 | 090 | 97996 | 03 | 5 |
| 419 | 187 | | 046 | 43 0 | | | | | 02 | 7 |
| 633 | 217 | 03994 | 130 | 99990 | 092 | 97993 | 057 | 94992 | 03 | 5 |
| 672 | 500 | 67754 | 450 | 75822 | 370 | 82927 | 210 | 03990 | 03 | 8 |
| 866 | 400 | 77905 | 225 | 01996 | 220 | 02997 | 186 | 00990 | 03 | 5 |
| | 096 | 01996 | 046 | 00995 | | | | | 03 | 5 |
| 11 | | | | | | | | | | |
| 030 | 400 | 79 3 | 328 | 90 0 | 283 | 98**2 | 223 | 02**5 | 03 | 5 |
| | 168 | 98 6 | 080 | 01 8 | 065 | 00**4 | | | 03 | 5 |
| 42 | | | | | | | | | | |
| 339 | 107 | 18 | | | | | | | 15 | 8 |
| 909 | 188 | 01 | | | | | | | 14 | 8 |
| 47 | | | | | | | | | | |
| 580 | 400 | 61669 | 280 | 78862 | 250 | 85990 | 144 | 18996 | 03 | 1 |
| 635 | 101 | 59 | | | | | | | 04 | 1 |
| 671 | 360 | 65996 | 247 | 85995 | 140 | 12995 | 104 | 17996 | 03 | 1 |
| | 060 | 05993 | 010 | 66998 | 101 | 58*** | | | 03 | 1 |
| 808 | 245 | 89997 | 155 | 02998 | | | | | 03 | 1 |
| 61 | | | | | | | | | | |
| 642 | 510 | 58604 | 464 | 59994 | 401 | 65990 | 157 | 14**0 | 07 | 5 |
| | 126 | 18 4 | 097 | 21 4 | | | | | 07 | 5 |
| 70 | | | | | | | | | | |
| 026 | 726 | 01606 | 663 | 52615 | 400 | 77852 | 321 | 89963 | 03 | 1 |
| | 208 | 07990 | | | | | | | 03 | 1 |
| 219 | 400 | 82921 | 367 | 84956 | 330 | 90990 | 268 | 94992 | 03 | 1 |
| | 242 | 90994 | 115 | 97992 | 110 | 94995 | | | 03 | 1 |
| 231 | 240 | 00996 | | | | | | | 03 | 1 |
| 261 | | 95990 | 250 | 03998 | 025 | 91997 | | | 03 | 1 |
| 273 | 552 | 60713 | 450 | 71854 | 101 | 58*** | | | 03 | 1 |
| 350 | 428 | 70746 | 400 | 73793 | | | | | 03 | 1 |
| 409 | 080 | 00997 | | | | | | | 03 | 1 |
| 72 | | | | | | | | | | |
| 202 | 393 | 70825 | 338 | 77836 | 272 | 90958 | 240 | 98990 | 03 | 1 |
| | 193 | 03991 | | | | | | | 03 | 1 |
| 208 | 085 | 20994 | | | | | | | 04 | 1 |
| 211 | 108 | 22990 | | | | | | | 03 | 1 |
| 219 | 057 | 13990 | | | | | | | 03 | 1 |
| 250 | 361 | 72850 | 295 | 83936 | 118 | 22993 | | | 03 | 1 |
| 253 | 157 | 16998 | 123 | 17995 | 463 | | | | 03 | 1 |
| 259 | 434 | 62744 | 400 | 66736 | | | | | 03 | 1 |
| 304 | 139 | 20996 | | | | | | | 03 | 1 |
| 317 | 118 | 22997 | 112 | 22995 | | | | | 03 | 1 |
| 327 | 400 | 67793 | 380 | 70852 | 160 | 12996 | | | 03 | 1 |
| 340 | 040 | 22 | | | | | | | 03 | 1 |
| 353 | 260 | 90961 | 120 | 21998 | | | | | 03 | 1 |
| 365 | 427 | 63774 | 400 | 66819 | 372 | 70765 | 340 | 74861 | 03 | 1 |
| | 270 | 88976 | 160 | 14994 | | | | | 03 | 1 |
| 386 | 101 | 68 | 092 | 66 | 101 | 68*** | 045 | 40*** | 03 | 1 |
| | 206 | 05993 | 101 | 68 | 045 | 20*** | | | 03 | 1 |
| 405 | 329 | 75895 | 133 | 23998 | 110 | 25993 | 096 | 21995 | 03 | 1 |
| 445 | 268 | 88932 | 162 | 14995 | 112 | 24991 | 106 | 22997 | 03 | 1 |
| 451 | 118 | 23995 | 072 | 15992 | | | | | 03 | 1 |
| 493 | 240 | 97993 | 107 | 17993 | 068 | 08995 | | | 03 | 1 |
| 506 | 335 | 73771 | 248 | 90983 | 127 | 20999 | | | 03 | 1 |
| 520 | 400 | 66735 | 385 | 67747 | 348 | 73872 | 319 | 78875 | 03 | 1 |
| | 270 | 88983 | 217 | 00990 | | | | | 03 | 1 |
| 534 | 434 | 63671 | 400 | 66745 | 314 | 79903 | 260 | 90990 | 03 | 1 |
| | 125 | 22999 | 063 | 08996 | | | | | 03 | 1 |
| 536 | 352 | 72777 | 257 | 89957 | 140 | 21990 | 106 | 24998 | 03 | 1 |
| | 069 | 09996 | | | | | | | 03 | 1 |
| 553 | 359 | 73832 | 266 | 90506 | 140 | 18995 | 117 | 20999 | 03 | 1 |
| | 074 | 11992 | | | | | | | 03 | 1 |
| 562 | 347 | 74825 | 272 | 88941 | 127 | 20992 | | | 03 | 1 |
| 576 | 128 | 15992 | 066 | 09997 | | | | | 03 | 1 |
| 600 | 469 | 58643 | 431 | 62723 | 400 | 65727 | 119 | 09997 | 03 | 1 |
| | 101 | 58 | | | | | | | 03 | 1 |
| 655 | 434 | 67847 | 400 | 72993 | 270 | 89998 | 128 | 11998 | 03 | 1 |
| | 116 | 11990 | | | | | | | 03 | 1 |
| 681 | 230 | 02990 | 205 | 01995 | 118 | 13995 | | | 03 | 1 |
| 712 | 614 | 50636 | 577 | 53711 | 400 | 72997 | 377 | 76897 | 03 | 1 |
| | 358 | 79851 | 348 | 76802 | 280 | 87918 | 165 | 04997 | 03 | 1 |
| | 146 | 10992 | 105 | 12995 | 086 | 04990 | | | 03 | 1 |
| 734 | 168 | 08999 | | | | | | | 03 | 1 |
| 747 | 386 | 77900 | 304 | 90990 | 229 | 04998 | 177 | 98999 | 03 | 1 |
| 764 | 134 | 08993 | | | | | | | 03 | 1 |
| 768 | 147 | 07999 | 120 | 06996 | | | | | 03 | 1 |
| 785 | 114 | 07994 | 699 | 7 | | | | | 03 | 1 |
| 807 | 400 | 71736 | 334 | 80997 | 258 | 93992 | | | 02 | 1 |
| 815 | 101 | 58 | | | | | | | 03 | 1 |
| 816 | 400 | 73771 | 292 | 90972 | 220 | 04998 | 182 | 98990 | 03 | 1 |
| | 130 | 98998 | 101 | 58 | | | | | 03 | 1 |
| 836 | 258 | 98999 | 238 | 95997 | 205 | 95991 | 101 | 58*** | 03 | 1 |
| 896 | 150 | 98992 | 101 | 47 | | | | | 03 | 1 |
| 906 | 101 | 58 | | | | | | | 09 | 1 |
| 907 | 400 | 77837 | 329 | 90961 | 243 | 05997 | 214 | 95997 | 03 | 1 |
| | 155 | 95990 | | | | | | | 03 | 1 |
| 909 | 208 | 09 | 177 | | 116 | 98995 | 101 | 58*** | 03 | 1 |
| 913 | 472 | 72991 | 400 | 80993 | 237 | 07992 | 151 | 95992 | 03 | 1 |
| | 130 | 97991 | 088 | 98990 | | | | | 03 | 1 |

RADIOSONDE AND RAWINSONDE DATA.
SIGNIFICANT LEVELS

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| Index No. iii | 1st, 5th, etc. Level PPP | TTTTT ddx | 2nd, 6th, etc. Level PPP | TTTTT ddx | 3rd, 7th, etc. Level PPP | TTTTT ddx | 4th, 8th, etc. Level PPP | TTTTT ddx | Hour GG | Code Type |
|---|---|---|---|---|---|---|---|---|---|---|
| 915 | 133 | 95995 | 090 | 97992 | | | | | 03 | 1 |
| 917 | 279 | 94996 | | | | | | | 03 | 1 |
| 934 | 110 | 96992 | 101 | 58 | | | | | 03 | 1 |
| 945 | 091 | 92995 | 080 | 94990 | 057 | 91992 | 101 | 58*** | 03 | 1 |
| 968 | 481 | 69763 | 472 | 69772 | 403 | 77867 | 246 | 03995 | 03 | 1 |
| | 079 | 92996 | 101 | 67 | 016 | 08*** | | | 03 | 1 |
| 74 | | | | | | | | | | |
| 043 | 400 | 78898 | 229 | 05999 | | | | | 03 | 1 |
| 074 | 540 | 65817 | 513 | 68733 | 450 | 75808 | 423 | 77813 | 03 | 1 |
| | 400 | 80854 | 335 | 90942 | 258 | 01992 | 100 | 91998 | 03 | 1 |
| 090 | 603 | 62771 | 510 | 71856 | 400 | 81999 | 360 | 86990 | 03 | 1 |
| | 284 | 97996 | | | | | | | 03 | 1 |
| 76 | | | | | | | | | | |
| 491 | 270 | 89994 | 153 | 19994 | 130 | 22995 | | | 02 | 1 |
| 644 | 121 | 22995 | | | | | | | 03 | 1 |
| 679 | 048 | 42 | | | | | | | 03 | 1 |
| 78 | | | | | | | | | | |
| 367 | 466 | 62735 | 450 | 63990 | 400 | 67885 | | | 03 | 1 |
| 501 | 102 | 24993 | 092 | 22995 | | | | | 03 | 1 |
| 806 | 155 | 20994 | 138 | 22995 | | | | | 03 | 1 |
| 972 | 152 | 16996 | 115 | 22994 | 101 | 59*** | | | 03 | 1 |
| 91 | | | | | | | | | | |
| 066 | 482 | 60723 | 400 | 71719 | | | | | 03 | 1 |
| 115 | 400 | 67869 | 380 | | 101 | 58*** | | | 03 | 1 |
| 182 | 161 | 14997 | 152 | 11990 | 128 | 15997 | 185 | 14995 | 03 | 1 |
| | 087 | 18992 | 045 | 07990 | | | | | 03 | 1 |
| 366 | 101 | 59 | | | | | | | 03 | 1 |
| QLL | | OCEAN | STA | | | | | | | |
| 034 | 050 | 07990 | | | | | | | 03 | 9 |
| 035 | 344 | 78901 | 278 | 90971 | 142 | 16990 | 118 | 16997 | 03 | 9 |
| | 090 | 15955 | | | | | | | 03 | 9 |
| 041 | 568 | 56615 | 542 | 58645 | 530 | 60608 | 378 | 79920 | 02 | 8 |
| | 293 | 93 0 | 208 | 04 4 | 171 | 06**0 | 115 | 22**4 | 02 | 8 |
| | 051 | 08 0 | | | | | | | 02 | 8 |
| 044 | 400 | 73999 | 303 | 89990 | 226 | 02999 | 208 | 97995 | 03 | 9 |
| | 190 | 02994 | 168 | 98999 | 098 | 07996 | 072 | 05990 | 03 | 9 |
| 051 | 174 | 35 0 | 160 | 34 0 | 104 | 37**0 | | | 02 | 2 |
| 053 | 628 | 50623 | 552 | 55721 | 400 | 73863 | 335 | 83883 | 03 | 9 |
| | 290 | 90942 | 219 | 02996 | 195 | 03991 | 088 | 01995 | 03 | 9 |
| 055 | 264 | 01991 | 063 | 98992 | | | | | 03 | 9 |
| 063 | 354 | 90002 | 288 | 00995 | 250 | 96990 | 101 | 67*** | 03 | 9 |
| | 093 | 90 | | | | | | | 03 | 9 |
| 134 | 420 | 68991 | 400 | 86995 | 250 | 97990 | 135 | 18992 | 03 | 9 |
| | 085 | 18993 | 050 | 08999 | 101 | 67*** | 087 | 85*** | 03 | 9 |
| 223 | 403 | 62 | 213 | 90 | 120 | 08*** | | | 02 | 1 |
| 360 | 400 | 78831 | 213 | 13 | 170 | 01*** | 128 | 98*** | 03 | 5 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 01 | | | | | | | | | | |
| 001 | 560 | 62621 | 460 | 70709 | 400 | 78797 | 316 | 92934 | 03 | 8 |
| | 245 | 04993 | 185 | 93996 | 130 | 93996 | | | 03 | 8 |
| 030 | 260 | 04 2 | 250 | 03 6 | 225 | 05**9 | 215 | 98**2 | 03 | 8 |
| | 165 | 96 5 | | | | | | | 03 | 8 |
| 384 | 461 | 67778 | 400 | 76859 | 210 | 12*** | 178 | 04*** | 03 | 5 |
| | 138 | 01 | 090 | 00 | 080 | 97*** | | | 03 | 5 |
| 415 | 400 | 76833 | 220 | 07999 | 171 | 01999 | 120 | 00997 | 03 | 8 |
| 02 | | | | | | | | | | |
| 057 | 230 | 06992 | 170 | 96990 | 106 | 94992 | 097 | 91991 | 03 | 8 |
| | 075 | 89998 | | | | | | | 03 | 8 |
| 974 | 539 | 60692 | 218 | 09996 | 212 | 02990 | 159 | 01991 | 03 | 2 |
| | 103 | 99992 | 083 | 97994 | 070 | 98991 | | | 03 | 2 |
| 03 | | | | | | | | | | |
| 005 | 159 | 43 0 | | | | | | | 02 | 2 |
| 026 | 175 | 22 0 | 162 | 31 0 | 065 | 44**0 | | | 02 | 2 |
| 171 | 181 | 31 0 | 138 | 37 0 | | | | | 02 | 7 |
| 808 | 226 | 34 0 | 178 | 16 0 | 045 | 38**0 | | | 02 | 2 |
| 953 | 150 | 11 0 | 138 | 21 0 | 125 | 26**0 | 114 | 25**0 | 03 | 2 |
| | 038 | 39 0 | | | | | | | 03 | 2 |
| 04 | | | | | | | | | | |
| 202 | 603 | 64671 | 400 | 83877 | 349 | 88924 | 259 | 03990 | 03 | 1 |
| | 180 | 93996 | | | | | | | 03 | 1 |
| 231 | 220 | 08996 | 188 | 00990 | 123 | 96993 | 101 | 58*** | 09 | 1 |
| 270 | 215 | 96997 | 167 | 94995 | | | | | 09 | 1 |
| 06 | | | | | | | | | | |
| 180 | 243 | 07997 | 214 | 11994 | 069 | 94999 | | | 03 | 5 |
| 260 | 736 | 02536 | 669 | 51549 | 642 | 53592 | 619 | 55585 | 03 | 8 |
| | 584 | 57631 | 576 | 57671 | 541 | 59731 | 468 | 66821 | 03 | 8 |
| | 335 | 84982 | 224 | 05 | 216 | 06*** | | | 03 | 8 |
| 447 | 211 | 06 0 | 184 | 01 0 | 118 | 03**1 | 071 | 00**2 | 03 | 8 |
| 07 | | | | | | | | | | |
| 110 | 680 | 03555 | 642 | 00580 | 588 | 55622 | 545 | 58660 | 02 | 5 |
| | 464 | 65740 | 433 | 69761 | 400 | 74815 | | | 02 | 5 |
| 145 | 406 | 73771 | 396 | 75782 | 679 | 76804 | 295 | 88938 | 02 | 8 |
| | 255 | 00 7 | 220 | 06 0 | 189 | 06**0 | | | 02 | 8 |
| 190 | 578 | 59635 | 522 | 66691 | 498 | 66693 | 370 | 8084* | 02 | 8 |
| | 294 | 92 7 | 241 | 03 0 | 055 | 02**4 | | | 02 | 8 |
| 480 | 218 | 07 1 | 150 | 07 4 | 084 | 09**4 | | | 02 | 8 |
| 510 | 700 | 06003 | 645 | 01541 | 620 | 01543 | 500 | 59641 | 02 | 5 |
| | 470 | 63681 | 350 | 77803 | 320 | 82877 | | | 02 | 5 |
| 645 | 510 | 62717 | 489 | 63718 | 458 | 68753 | 376 | 79860 | 02 | 8 |
| | 317 | 86918 | 249 | 99 4 | | | | | 02 | 8 |
| 08 | | | | | | | | | | |
| 521 | 120 | 18993 | | | | | | | 14 | 8 |
| 10 | | | | | | | | | | |
| 384 | 323 | 89925 | 225 | 05997 | 205 | 09995 | 143 | 98996 | 03 | 5 |
| 633 | 400 | 80990 | 328 | 90990 | 258 | 02990 | 234 | 04990 | 03 | 5 |
| | 224 | 02996 | 215 | 03990 | 186 | 98993 | 156 | 00999 | 03 | 5 |
| | 095 | 00996 | 082 | 94999 | | | | | 03 | 5 |
| 866 | 175 | 00992 | 096 | 02995 | 080 | 01995 | | | 03 | 5 |
| 11 | | | | | | | | | | |
| 030 | 467 | 70859 | 400 | 79 2 | 320 | 90**0 | 250 | 02**0 | 03 | 5 |
| | 232 | 03 2 | 080 | 09 7 | | | | | 03 | 5 |
| 17 | | | | | | | | | | |
| 606 | 555 | 28950 | 514 | 31860 | 227 | 16710 | 375 | 10640 | 02 | 8 |
| 47 | | | | | | | | | | |
| 580 | 250 | 85906 | 128 | 20990 | 083 | 14996 | | | 03 | 1 |
| 635 | 111 | 20990 | 101 | 58 | | | | | 03 | 1 |
| 671 | 586 | 04502 | 526 | 01660 | 448 | 56677 | 400 | 61768 | 03 | 1 |
| | 358 | 65881 | 248 | 85995 | 145 | 09990 | 110 | 14998 | 03 | 1 |
| | 078 | 09994 | 101 | 56 | | | | | 03 | 1 |
| 808 | 095 | 12996 | | | | | | | 03 | 1 |
| 60 | | | | | | | | | | |
| 120 | 400 | 49940 | | | | | | | 03 | 6 |
| 155 | 657 | 09650 | 550 | 50775 | 524 | 54782 | 500 | 55797 | 02 | 8 |
| | 490 | 57795 | 420 | 62875 | 400 | 65892 | 354 | 68903 | 02 | 8 |
| | 281 | 75972 | 200 | 90 0 | 175 | 98269 | | | 02 | 8 |
| 390 | 393 | 72829 | 326 | 84948 | 280 | 92114 | | | 02 | 8 |
| 61 | | | | | | | | | | |
| 642 | 427 | 63994 | 327 | 75804 | 208 | 99**4 | | | 07 | 5 |
| 62 | | | | | | | | | | |
| 366 | 400 | 61 7 | | | | | | | 03 | 5 |
| 70 | | | | | | | | | | |
| 026 | 418 | 76828 | 400 | 78898 | 317 | 89009 | 220 | 05999 | 03 | 1 |
| | 125 | 96998 | | | | | | | 03 | 1 |
| 200 | 121 | 94996 | | | | | | | 05 | 1 |
| 219 | 400 | 78914 | 350 | 85991 | 316 | 85990 | 290 | 90990 | 03 | 1 |
| | 250 | 98999 | 144 | 94994 | | | | | 03 | 1 |
| 273 | 278 | 93992 | 230 | 92991 | 104 | 98992 | | | 03 | 1 |
| 291 | 077 | 95998 | | | | | | | 03 | 1 |
| 350 | 510 | 63663 | 496 | 63704 | | | 476 | 66691 | 03 | 1 |
| | 400 | 69726 | 300 | 84991 | 275 | 90990 | 220 | 91998 | 03 | 1 |
| 398 | 114 | 98999 | | | | | | | 03 | 1 |
| 439 | | 60993 | 376 | 23780 | 101 | 54*** | | | 03 | 1 |
| 454 | 271 | 87931 | 186 | 06995 | 145 | 01990 | 101 | 55*** | 03 | 1 |
| 72 | | | | | | | | | | |
| 202 | 175 | 12994 | | | | | | | 03 | 1 |
| 208 | 271 | 89993 | | | | | | | 03 | 1 |
| 219 | 333 | 77848 | 262 | 89999 | 174 | 10996 | 109 | 18993 | 03 | 1 |
| | 095 | 24990 | 071 | 15993 | | | | | 03 | 1 |
| 240 | 400 | 67746 | 372 | 71852 | 328 | 78990 | 302 | 82941 | 03 | 1 |
| | 260 | 90983 | 148 | 18998 | 142 | 17992 | 107 | 83995 | 03 | 1 |
| 250 | 050 | 12991 | | | | | | | 03 | 1 |
| 253 | 213 | 00993 | | | | | | | 03 | 1 |
| 265 | 348 | 73886 | 258 | 90990 | 155 | 15998 | 058 | 09998 | 03 | 1 |
| 304 | 316 | 79915 | 267 | 90000 | 181 | 08993 | | | 03 | 1 |
| 340 | 216 | 00990 | | | | | | | 03 | 1 |
| 394 | 120 | 17996 | | | | | | | 03 | 1 |
| 405 | 400 | 67824 | 381 | 69848 | 115 | 22997 | 103 | 23997 | 03 | 1 |
| | 070 | 09994 | | | | | | | 03 | 1 |
| 445 | 135 | 17993 | | | | | | | 03 | 1 |
| 451 | 172 | 12994 | 110 | 20998 | 066 | 12992 | | | 03 | 1 |
| 476 | 104 | 15995 | | | | | | | 03 | 1 |
| 493 | 400 | 69991 | 325 | 80998 | 101 | 68*** | 053 | 32*** | 03 | 1 |
| 518 | 285 | 90990 | 146 | 12994 | 108 | 15996 | | | 03 | 1 |
| 520 | 529 | 53714 | 400 | 68723 | 371 | 71767 | 335 | 77871 | 03 | 1 |
| | 268 | 89972 | 134 | 17998 | | | | | 03 | 1 |
| 528 | 545 | 55664 | 400 | 69816 | 347 | 78893 | 282 | 88999 | 03 | 1 |
| | 229 | 98999 | | | | | | | 03 | 1 |
| 536 | 448 | 63663 | 400 | 68728 | 347 | 76793 | 266 | 90982 | 03 | 1 |
| | 169 | 13997 | 115 | 21995 | 072 | 11994 | | | 03 | 1 |
| 553 | 286 | 85964 | 266 | 90990 | 225 | 02994 | 125 | 19990 | 03 | 1 |
| | 096 | 20990 | 080 | 15999 | | | | | 03 | 1 |
| 562 | 173 | 12991 | 113 | 20995 | 097 | 19990 | | | 03 | 1 |
| 576 | 102 | 18990 | 075 | 10994 | | | | | 03 | 1 |
| 597 | 217 | 01991 | 142 | 08992 | 096 | 08996 | 050 | 03992 | 03 | 1 |
| 606 | 517 | 61763 | 400 | 76999 | 285 | 89998 | 162 | 07991 | 03 | 1 |
| | 138 | 09990 | | | | | | | 03 | 1 |
| 655 | 532 | 53758 | 400 | 69996 | 257 | 89991 | 130 | 17997 | 03 | 1 |
| | 092 | 13998 | | | | | | | 03 | 1 |
| 712 | 348 | 89993 | 287 | 96996 | 275 | 93992 | 107 | 03991 | 03 | 1 |
| 734 | 433 | 65837 | 400 | 71861 | 355 | 77871 | 290 | 89987 | 03 | 1 |
| | 160 | 08994 | 137 | 09997 | | | | | 03 | 1 |
| 747 | 650 | 02587 | 565 | 56583 | 521 | 57608 | 101 | 68*** | 03 | 1 |
| | 072 | 70 | 101 | 58 | | | | | 03 | 1 |
| 764 | 192 | 03993 | | | | | | | 03 | 1 |
| 775 | 048 | 02992 | | | | | | | 03 | 1 |
| 785 | 142 | 01994 | | | | | | | 03 | 1 |
| 815 | 245 | 00995 | 101 | 55 | | | | | 03 | 1 |
| 826 | 237 | 05994 | 212 | 02991 | | | | | 03 | 1 |
| 836 | 218 | 01995 | 193 | 98991 | 067 | 00991 | 101 | 58*** | 03 | 1 |
| 867 | 157 | 02995 | 131 | 00999 | 066 | 04994 | | | 03 | 1 |
| 906 | 235 | 06993 | 101 | 47 | | | | | 09 | 1 |
| 907 | 237 | 05994 | 220 | 02990 | 175 | 98991 | 147 | 98991 | 03 | 1 |
| | 068 | 98999 | | | | | | | 03 | 1 |
| 909 | 303 | 89999 | 210 | 07992 | 150 | 98999 | 101 | 54*** | 04 | 1 |
| 913 | 400 | 80833 | 336 | 90961 | 252 | 02996 | 225 | 00994 | 03 | 1 |
| 917 | 430 | 84876 | 400 | 88922 | 326 | 95991 | 110 | 91992 | 03 | 1 |
| 934 | 101 | 58 | | | | | | | 03 | 1 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 945 | 251 | 00996 | 082 | 95992 | 101 | 58*** | | | 03 | 1 |
| 964 | 101 | 58 | | | | | | | 03 | 1 |
| 968 | 169 | 93999 | 050 | 88993 | 101 | 58*** | | | 03 | 1 |
| 74 | | | | | | | | | | |
| 043 | 241 | 05992 | 040 | 91990 | | | | | 03 | 1 |
| 072 | 130 | 95995 | | | | | | | 03 | 1 |
| 074 | 200 | 85901 | 278 | 96991 | 080 | 91990 | | | 03 | 1 |
| 090 | 480 | 71774 | 400 | 79854 | 335 | 90961 | 115 | 08994 | 03 | 1 |
| | 205 | 00995 | 158 | 95998 | 070 | 92999 | | | 03 | 1 |
| 109 | 400 | 76996 | 249 | 95993 | 171 | 95996 | 079 | 97996 | 03 | 1 |
| | 059 | 95991 | | | | | | | 03 | 1 |
| 188 | 140 | 96998 | 101 | 68 | | | | | 09 | 1 |
| 76 | | | | | | | | | | |
| 458 | 431 | 63714 | 422 | 63788 | 400 | 67782 | 266 | 90998 | 02 | 1 |
| | 133 | 24997 | 112 | 22998 | | | | | 02 | 1 |
| 491 | 555 | 50995 | 471 | 61990 | 431 | 63997 | 400 | 67992 | 02 | 1 |
| | 350 | 73994 | 268 | 89991 | 148 | 19996 | 118 | 21991 | 02 | 1 |
| 644 | 533 | 54703 | 463 | 61708 | 428 | 63794 | 400 | 67784 | 03 | 1 |
| | 268 | 89007 | 153 | 20998 | 073 | 16998 | | | 03 | 1 |
| 679 | 369 | 72858 | 306 | 82867 | 273 | 90931 | 160 | 16996 | 03 | 1 |
| 78 | | | | | | | | | | |
| 367 | 620 | 01997 | 539 | 53994 | 452 | 61991 | 400 | 67996 | 03 | 1 |
| 395 | 260 | 92998 | 158 | 14996 | | | | | 03 | 1 |
| 806 | 162 | 22995 | 143 | 23990 | 101 | 47*** | | | 03 | 1 |
| 91 | | | | | | | | | | |
| 115 | 114 | 17992 | 101 | 58 | | | | | 03 | 1 |
| 182 | 159 | 16993 | 147 | 15992 | 085 | 19991 | 030 | 01993 | 03 | 1 |
| | 101 | 67 | 076 | 72 | | | | | 03 | 1 |
| 366 | 454 | 56614 | 400 | 60701 | 342 | 69824 | 253 | 86990 | 03 | 1 |
| | 125 | 22990 | 101 | 59 | | | | | 03 | 1 |
| QLL | | OCEAN | STA | | | | | | | |
| 034 | 276 | 90990 | 136 | 18994 | 064 | 11991 | | | 03 | 9 |
| 035 | 558 | 52627 | 528 | 55641 | 504 | 56714 | 466 | 09755 | 03 | 9 |
| | 400 | 68995 | 336 | 77891 | 308 | 81885 | 272 | 88957 | 03 | 9 |
| | 150 | 18990 | 120 | 22996 | | | | | 03 | 9 |
| 037 | 131 | 22990 | 128 | 21991 | | | | | 03 | 9 |
| 041 | 554 | 60721 | 542 | 60739 | | | 143 | 11994 | 02 | 8 |
| | 137 | 13994 | 072 | 12994 | 047 | 09997 | 042 | 08990 | 02 | 8 |
| | 035 | 07991 | | | | | | | 02 | 8 |
| 044 | 474 | 63994 | 400 | 73992 | 302 | 89997 | 126 | 09991 | 03 | 9 |
| 051 | 180 | 22 0 | 162 | 25 0 | 144 | 23**0 | 108 | 27**0 | 02 | 2 |
| | 097 | 32 0 | | | | | | | 02 | 2 |
| 053 | 400 | 73763 | 296 | 90932 | 220 | 04994 | 068 | 00991 | 03 | 9 |
| 055 | 250 | 00991 | 123 | 97995 | | | | | 03 | 9 |
| 063 | 628 | 65671 | 513 | 64663 | 400 | 77808 | 318 | 89924 | 03 | 9 |
| | 261 | 00993 | 224 | 03990 | 097 | 97997 | | | 03 | 9 |
| 134 | 248 | 96994 | 230 | 96997 | | | | | 03 | 9 |
| 144 | 557 | 54647 | 546 | 55726 | 400 | 70993 | 182 | 14993 | 03 | 9 |
| | 162 | 15993 | 080 | 08994 | | | | | 03 | 9 |
| 223 | 220 | 87 | 105 | 08 | | | | | 02 | 1 |
| 360 | 122 | 95 | | | | | | | 03 | 5 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 01 | | | | | | | | | | |
| 001 | 368 | 89974 | 325 | 95996 | 260 | 98996 | 205 | 95992 | 03 | 8 |
| 030 | 290 | 03 8 | 262 | 02 3 | 232 | 94**8 | 209 | 93**4 | 03 | 5 |
| | 150 | 94 7 | | | | | | | 03 | 5 |
| 384 | 661 | 55571 | 647 | 55563 | 400 | 78803 | 235 | 06*** | 03 | 5 |
| | 182 | 99 | 153 | 02 | 081 | 99*** | | | 03 | 5 |
| 415 | 483 | 65757 | 400 | 77853 | 229 | 07992 | 218 | 07991 | 03 | 8 |
| | 126 | 99991 | | | | | | | 03 | 8 |
| 02 | | | | | | | | | | |
| 974 | 203 | | | | | | | | 03 | 1 |
| 03 | | | | | | | | | | |
| 953 | 400 | 94 0 | 250 | 43 0 | 220 | 35**0 | 172 | 30**0 | 03 | 7 |
| | 154 | 30 0 | 081 | 37 0 | | | | | 03 | 7 |
| 04 | | | | | | | | | | |
| 202 | 122 | 94997 | | | | | | | 03 | 1 |
| 231 | 448 | 74834 | 400 | 80921 | 341 | 90963 | 256 | 04991 | 03 | 1 |
| | 246 | 04995 | 078 | 93908 | | | | | 03 | 1 |
| 270 | 222 | 06996 | 187 | 97996 | 126 | 96997 | | | 03 | 1 |
| 06 | | | | | | | | | | |
| 180 | 157 | 16993 | 147 | 11995 | | | | | 03 | 5 |
| 260 | 613 | 53666 | 570 | 57693 | 542 | 60693 | 493 | 63731 | 03 | 8 |
| | 428 | 71756 | 363 | 79 | 331 | 83*** | 231 | 04*** | 03 | 8 |
| 447 | 170 | 10 0 | 075 | 95 5 | | | | | 03 | 8 |
| 610 | 258 | 96 1 | 217 | 98 7 | 205 | 00**7 | | | 05 | 5 |
| 07 | | | | | | | | | | |
| 110 | 596 | 53643 | 554 | 55681 | 473 | 62731 | 391 | 74831 | 02 | 5 |
| | 369 | 77860 | 336 | 83913 | 310 | 85641 | | | 02 | 5 |
| 145 | 515 | 58628 | 476 | 63671 | 415 | 69722 | 396 | 72758 | 02 | 8 |
| | 300 | 85891 | 166 | 12114 | 156 | 12**1 | | | 02 | 8 |
| 190 | 548 | 60681 | 482 | 66778 | 406 | 75826 | 362 | 8289* | 02 | 8 |
| | 260 | 99 0 | 142 | 02 4 | 041 | 00000 | | | 02 | 8 |
| 480 | 500 | 68793 | 448 | 78893 | 396 | 79947 | 345 | 87972 | 02 | 8 |
| | 322 | 89005 | 226 | 02 4 | 090 | 05**1 | | | 02 | 8 |
| 510 | 523 | 56656 | 510 | 62738 | 452 | 69802 | 430 | 69818 | 02 | 5 |
| | 317 | 76979 | 260 | 96 7 | 226 | 01**7 | | | 02 | 5 |
| 08 | | | | | | | | | | |
| 509 | 144 | 13991 | | | | | | | 03 | 1 |
| 536 | 144 | 10992 | | | | | | | 14 | 8 |
| 10 | | | | | | | | | | |
| 384 | 308 | 90942 | 225 | 04993 | 172 | 10995 | 128 | 04997 | 03 | 5 |
| 633 | 195 | 07995 | 135 | 90999 | | | | | 03 | 5 |
| 866 | 312 | 90990 | 231 | 05998 | 225 | 05999 | 218 | 06990 | 03 | 5 |
| 11 | | | | | | | | | | |
| 030 | 216 | 06 2 | 200 | 07 1 | | | | | 03 | 5 |
| 40 | | | | | | | | | | |
| 427 | 310 | 90650 | | | | | | | 03 | 2 |
| 42 | | | | | | | | | | |
| 909 | 150 | 12 | | | | | | | 15 | 8 |
| 47 | | | | | | | | | | |
| 401 | 276 | 87992 | 236 | 96998 | 171 | 01993 | 152 | 01993 | 03 | 1 |
| | 143 | 02994 | | | | | | | 03 | 1 |
| 412 | 365 | 71832 | 249 | 88011 | 176 | 96990 | 148 | 97990 | 03 | 1 |
| | 113 | 98999 | 088 | 00995 | 101 | 47*** | | | 03 | 1 |
| 580 | 195 | 97996 | 101 | 59 | | | | | 03 | 1 |
| 590 | 400 | 61701 | 216 | 88983 | 148 | 06998 | 053 | 08998 | 04 | 1 |
| 646 | 088 | 15998 | 053 | 05995 | | | | | 03 | 1 |
| 671 | 616 | 06659 | 590 | 05063 | 476 | 54673 | 400 | 63779 | 03 | 1 |
| | 101 | 58 | | | | | | | 03 | 1 |
| 744 | 120 | 11992 | 073 | 09990 | 053 | 04990 | 101 | 58*** | 03 | 1 |
| 778 | 400 | 64757 | 371 | 67774 | 268 | 83990 | 240 | 90991 | 03 | 1 |
| | 164 | 02997 | 131 | 11997 | 107 | 13990 | 101 | 58*** | 03 | 1 |
| 827 | 243 | 80000 | 143 | 09997 | 091 | 11994 | | | 04 | 1 |
| 60 | | | | | | | | | | |
| 120 | 400 | 74994 | | | | | | | 03 | 6 |
| 155 | 578 | 50769 | 540 | 61832 | 465 | 64865 | 417 | 66911 | 02 | 8 |
| | 366 | 73 5 | 322 | 77995 | 250 | 91**7 | | | 02 | 8 |
| 390 | 751 | 10568 | 660 | 01579 | 620 | 52642 | 570 | 57642 | 02 | 5 |
| | 539 | 62663 | 442 | 70794 | 428 | 72814 | | | 02 | 5 |
| 715 | 450 | 66714 | | | | | | | 02 | 5 |
| 61 | | | | | | | | | | |
| 642 | 403 | 66704 | 359 | 72724 | 307 | 79805 | 285 | 82991 | 07 | 5 |
| | 171 | 08 0 | 146 | 12 0 | | | | | 07 | 5 |
| 70 | | | | | | | | | | |
| 026 | 558 | 12773 | 478 | 71784 | 400 | 79905 | | | 03 | 1 |
| 133 | 400 | 79998 | 332 | 90990 | 257 | 00992 | 250 | 98990 | 03 | 1 |
| | 227 | 00999 | 057 | 92992 | | | | | 03 | 1 |
| 204 | 181 | 93994 | 097 | 95994 | | | | | 03 | 1 |
| 273 | 358 | 87952 | 290 | 96992 | 101 | 58*** | | | 03 | 1 |
| 291 | 128 | 97992 | | | | | | | 03 | 1 |
| 350 | 400 | 77992 | 101 | 42 | | | | | 03 | 1 |
| 439 | | | 276 | 90053 | 166 | 98990 | 103 | 00990 | 03 | 1 |
| | 080 | 98990 | 101 | 58 | | | | | 03 | 1 |
| 454 | 095 | 96994 | 101 | 58 | | | | | 03 | 1 |
| 485 | 101 | 55 | 067 | 40 | 101 | 45*** | | | 03 | 1 |
| 72 | | | | | | | | | | |
| 202 | 580 | 51621 | 485 | 60763 | 400 | 69996 | 285 | 88991 | 03 | 1 |
| | 124 | 18995 | | | | | | | 03 | 1 |
| 208 | 665 | 07637 | 545 | 53994 | 400 | 68997 | 310 | 82935 | 03 | 1 |
| | 270 | 88958 | 150 | 16993 | 102 | 23990 | 085 | 19996 | 03 | 1 |
| 211 | 353 | 76883 | 279 | 87992 | 167 | 15992 | 123 | 19998 | 03 | 1 |
| | 087 | 18990 | | | | | | | 03 | 1 |
| 219 | 122 | 23993 | | | | | | | 03 | 1 |
| 253 | 103 | 19990 | | | | | | | 03 | 1 |
| 259 | 101 | 58 | | | | | | | 03 | 1 |
| 265 | 256 | 89990 | 174 | 10990 | 102 | 21994 | | | 03 | 1 |
| 278 | 112 | 18998 | | | | | | | 03 | 1 |
| 304 | 400 | 68995 | 344 | 77904 | 278 | 89001 | 184 | 10990 | 03 | 1 |
| | 146 | 21997 | 138 | 20994 | 118 | 24990 | | | 03 | 1 |
| 317 | 400 | 69990 | 357 | 74872 | 270 | 90002 | 155 | 16998 | 03 | 1 |
| | 150 | 15998 | | | | | | | 03 | 1 |
| 327 | 400 | 68847 | 171 | 10990 | | | | | 03 | 1 |
| 405 | 619 | 02524 | 540 | 54615 | 528 | 54698 | 467 | 60754 | 03 | 1 |
| | 400 | 66999 | 345 | 74868 | 268 | 89975 | 124 | 21994 | 03 | 1 |
| | 075 | 14993 | | | | | | | 03 | 1 |
| 451 | 063 | 11995 | | | | | | | 04 | 1 |
| 486 | 102 | 14995 | | | | | | | 03 | 1 |
| 493 | 445 | 63788 | 400 | 70837 | 380 | 73867 | 130 | 12996 | 03 | 1 |
| | 086 | 12992 | | | | | | | 03 | 1 |
| 506 | 260 | 89986 | 143 | 15994 | 23 | 11998 | 075 | 12998 | 04 | 1 |
| 518 | 539 | 58624 | 462 | 63664 | 400 | 68714 | 269 | 90941 | 03 | 1 |
| | 143 | 16997 | 108 | 15990 | | | | | 03 | 1 |
| 534 | 400 | 65997 | 135 | 16994 | 097 | 18992 | 088 | 16994 | 03 | 1 |
| 536 | 168 | 13999 | 123 | 21991 | 117 | 17996 | | | 03 | 1 |
| 553 | 417 | 65779 | 400 | 68783 | 101 | 68*** | 090 | 81*** | 03 | 1 |
| | 081 | 68 | 068 | 50 | 048 | 42*** | 318 | 82931 | 03 | 1 |
| | 274 | 88992 | 112 | 21990 | 060 | 10990 | | | 03 | 1 |
| 562 | 118 | 16995 | 102 | 20991 | 085 | 16992 | | | 03 | 1 |
| 576 | 130 | 11999 | | | | | | | 03 | 1 |
| 597 | 140 | 10990 | 116 | 09998 | | | | | 03 | 1 |
| 600 | 101 | 55 | | | | | | | 03 | 1 |
| 606 | 118 | 13995 | | | | | | | 03 | 1 |
| 655 | 428 | 63802 | 400 | 67757 | 384 | 70764 | 358 | 73857 | 03 | 1 |
| | 298 | 83964 | 265 | 90990 | 107 | 19996 | 058 | 06998 | 03 | 1 |
| 681 | 400 | 72804 | 295 | 89973 | 222 | 04994 | 196 | 00990 | 03 | 1 |
| | 125 | 05995 | | | | | | | 03 | 1 |
| 712 | 400 | 75995 | 292 | 89992 | 202 | 05994 | 153 | 03999 | 03 | 1 |
| 734 | 256 | 90990 | 207 | 01992 | | | | | 03 | 1 |
| 747 | 400 | 67994 | 265 | 89997 | 256 | 91991 | | | 03 | 1 |
| 764 | 147 | 15992 | 110 | 17992 | 090 | 08991 | | | 03 | 1 |
| 775 | 126 | 07992 | 122 | 06996 | | | | | 03 | 1 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 815 | 400 | 77874 | 315 | 90961 | 223 | 07992 | 190 | 96995 | 03 | 1 |
| | 101 | 58 | | | | | | | 03 | 1 |
| 816 | 101 | 58 | | | | | | | 03 | 1 |
| 879 | 101 | 58 | | | | | | | 03 | 1 |
| 906 | 381 | 84914 | 354 | 90933 | 250 | 07990 | 217 | 90998 | 03 | 1 |
| | 101 | 58 | | | | | | | 03 | 1 |
| 907 | 281 | 02997 | 268 | 01991 | 249 | 01997 | 209 | 98990 | 03 | 1 |
| | 040 | 98994 | | | | | | | 03 | 1 |
| 913 | 522 | 63704 | 447 | 71745 | 400 | 77802 | 326 | 90943 | 03 | 1 |
| | 293 | 94997 | | | | | | | 03 | 1 |
| 915 | 446 | 76836 | 400 | 82903 | 353 | 88967 | 258 | 03993 | 03 | 1 |
| | 060 | 95992 | | | | | | | 03 | 1 |
| 945 | 087 | 94993 | 101 | 58 | | | | | 03 | 1 |
| 74 | | | | | | | | | | |
| 090 | 437 | 76829 | 400 | 79887 | 300 | 0*003 | 218 | 08991 | 03 | 1 |
| | 157 | 96991 | 035 | 92991 | | | | | 03 | 1 |
| 76 | | | | | | | | | | |
| 458 | 380 | 71768 | 373 | 70741 | 266 | 90923 | 157 | 18994 | 02 | 1 |
| 491 | 441 | 63705 | 400 | 67693 | | | 209 | 88913 | 02 | 1 |
| | 202 | 06994 | | | | | | | 02 | 1 |
| 644 | 586 | 00995 | 538 | 54715 | 065 | 61664 | 407 | 70751 | 03 | 1 |
| | 281 | 89988 | 130 | 23997 | 081 | 17999 | | | 03 | 1 |
| 679 | 273 | 89933 | 153 | 19999 | | | | | 03 | 1 |
| 78 | | | | | | | | | | |
| 367 | 400 | 67995 | | | | | | | 03 | 1 |
| 395 | 140 | 21997 | | | | | | | 03 | 1 |
| 501 | 132 | 21993 | 043 | 06993 | | | | | 03 | 1 |
| 806 | 162 | 20990 | 134 | 26994 | | | | | 03 | 1 |
| 91 | | | | | | | | | | |
| 066 | 400 | 68728 | | | | | | | 03 | 1 |
| 182 | 274 | 90990 | 162 | 14996 | 142 | 15996 | 138 | 13999 | 03 | 1 |
| | | 19993 | 026 | 97993 | | | | | 03 | 1 |
| 215 | 411 | 63675 | 400 | 65712 | 101 | 58*** | | | 03 | 1 |
| QLL | | OCEAN | STA | | | | | | | |
| 034 | 275 | 90990 | 128 | 18992 | 110 | 19995 | 045 | 07990 | 03 | 9 |
| 035 | 426 | 64676 | 400 | 67708 | 267 | 89912 | 133 | 22998 | 03 | 9 |
| | 066 | 16992 | | | | | | | 03 | 9 |
| 037 | 545 | 50996 | 220 | 52688 | 414 | 67744 | 400 | 67766 | 03 | 9 |
| | 378 | 70823 | 262 | 90990 | 212 | 23993 | 100 | 20990 | 03 | 9 |
| 041 | 163 | 10994 | 155 | 09990 | 071 | 11990 | | | 02 | 8 |
| 044 | 308 | 85995 | 270 | 88996 | 230 | 96999 | | | 04 | 9 |
| 053 | 400 | 75884 | 313 | 90500 | 260 | 98999 | 108 | 02998 | 03 | 9 |
| | 070 | 00990 | | | | | | | 03 | 9 |
| 062 | 228 | 41 0 | 208 | 32 0 | 074 | 42**0 | | | 02 | 2 |
| 134 | 539 | 53722 | 400 | 72832 | 361 | 76883 | 246 | 96995 | 04 | 9 |
| | 165 | 09998 | 114 | 15998 | 093 | 15996 | | | 04 | 9 |
| 223 | 183 | 93 | | | | | | | 03 | 1 |
| 237 | 627 | 50708 | 567 | 53395 | 433 | 70993 | 400 | 71996 | 03 | 9 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 01 | | | | | | | | | | |
| 001 | 340 | 93012 | 297 | 98999 | 282 | 98999 | 271 | 96992 | 03 | 8 |
| | 207 | 92993 | 179 | 93995 | 111 | 91997 | | | 03 | 8 |
| 030 | 216 | 94 9 | 130 | 96 7 | 072 | 96**7 | 050 | 93**5 | 03 | 5 |
| 384 | 400 | 76801 | 216 | 08 | 161 | 99*** | 140 | 02*** | 03 | 5 |
| | 082 | 99 | 071 | 97 | | | | | 03 | 5 |
| 415 | 544 | 63677 | 464 | 71776 | 400 | 60871 | 252 | 04994 | 03 | 8 |
| | 236 | 04999 | 136 | 98997 | | | | | 03 | 8 |
| 03 | | | | | | | | | | |
| 953 | 341 | 83 0 | 226 | 46 0 | | | | | 03 | 7 |
| 04 | | | | | | | | | | |
| 202 | 400 | 82883 | 333 | 90983 | 235 | 06993 | 089 | 92995 | 03 | 1 |
| 270 | 176 | 94999 | 101 | 58 | | | | | 03 | 1 |
| 360 | 156 | 95990 | | | | | | | 03 | 5 |
| 06 | | | | | | | | | | |
| 260 | 512 | 64694 | 380 | 80877 | 311 | 94*** | 277 | 99*** | 03 | 8 |
| 610 | 365 | 78902 | 332 | 84 1 | 286 | 92**0 | 188 | 07**0 | 05 | 5 |
| | 166 | 07 0 | | | | | | | 05 | 5 |
| 07 | | | | | | | | | | |
| 110 | 622 | 51642 | 600 | 52651 | 578 | 52652 | 478 | 63763 | 02 | 5 |
| | 450 | 65734 | 407 | 72851 | 318 | 85984 | | | 02 | 5 |
| 145 | 550 | 56611 | 515 | 57611 | 424 | 66728 | 310 | 79833 | 02 | 8 |
| | 285 | 87915 | 237 | 95 1 | 168 | 04**1 | | | 02 | 8 |
| 190 | 436 | 70772 | 331 | 88915 | 264 | 96**0 | 217 | 05*** | 02 | 8 |
| | 143 | 07 7 | 132 | 06 4 | 076 | 05**0 | | | 02 | 8 |
| 480 | 200 | 06 0 | 476 | 08 2 | 161 | 08**0 | 469 | 05**4 | 02 | 8 |
| | 132 | 06 4 | 078 | 05 4 | | | | | 02 | 8 |
| 510 | 550 | 56675 | 515 | 60718 | 480 | 63741 | 380 | 77893 | 03 | 5 |
| | 330 | 84931 | 275 | 95 4 | 220 | 04**4 | | | 02 | 5 |
| 645 | 542 | 57680 | 406 | 70825 | 345 | 79915 | 316 | 84964 | 02 | 8 |
| | 276 | 89001 | 264 | 91 4 | | | | | 02 | 8 |
| 08 | | | | | | | | | | |
| 536 | 150 | 07991 | | | | | | | 14 | 8 |
| 10 | | | | | | | | | | |
| 034 | 241 | 44 0 | 188 | 26 0 | 138 | 36**0 | | | 02 | 2 |
| 384 | 512 | 58690 | 400 | 69779 | 283 | 83884 | 235 | 89992 | 03 | 5 |
| | 101 | 65 | | | | | | | 03 | 5 |
| 633 | 351 | 79921 | 282 | 90990 | 225 | 03990 | 125 | 02993 | 03 | 5 |
| | 050 | 81995 | | | | | | | 03 | 8 |
| 672 | 185 | 10991 | 096 | 01996 | | | | | 03 | 5 |
| 866 | 321 | 83947 | 225 | 03990 | 210 | 05994 | 167 | 08992 | 03 | 5 |
| | 120 | 04991 | 108 | 05997 | | | | | | |
| 11 | | | | | | | | | | |
| 030 | 458 | 69751 | 400 | 76894 | 310 | 90**0 | 217 | 06**2 | 03 | 5 |
| | 187 | 03 6 | 125 | 00 8 | | | | | 03 | 5 |
| 40 | | | | | | | | | | |
| 648 | 425 | 12720 | 192 | 42 0 | 146 | 26**0 | 078 | 99**0 | 02 | 2 |
| | 071 | 04 0 | | | | | | | 02 | 2 |
| 42 | | | | | | | | | | |
| 475 | 111 | 11 | | | | | | | 15 | 8 |
| 909 | 425 | 56 | 200 | 95 | | | | | 14 | 8 |
| 47 | | | | | | | | | | |
| 401 | 445 | 62701 | 259 | 70993 | 163 | 05990 | 076 | 04995 | 03 | 1 |
| | 101 | 54 | | | | | | | 03 | 1 |
| 412 | 400 | 61741 | | | 224 | 85968 | 156 | 94992 | 03 | 1 |
| | 112 | 94998 | 101 | 47 | | | | | 03 | 1 |
| 580 | 163 | 10997 | 101 | 55 | | | | | 03 | 1 |
| 590 | 345 | 66796 | 260 | 77894 | 233 | 80995 | 151 | 01005 | 03 | 1 |
| | 060 | 06002 | | | | | | | 03 | 1 |
| 635 | 184 | 14990 | 137 | 24996 | 084 | 21990 | | | 03 | 1 |
| 671 | 620 | 07637 | 540 | 00619 | 524 | 00625 | 400 | 64756 | 03 | 1 |
| | 341 | 72814 | 330 | 72829 | 288 | 79906 | 246 | 87997 | 03 | 1 |
| | 175 | 05994 | 128 | 11999 | 080 | 05995 | 030 | 82999 | 03 | 1 |
| | 101 | 55 | | | | | | | 03 | 1 |
| 744 | 333 | 73837 | 367 | 81999 | 227 | 37993 | 183 | 95990 | 03 | 1 |
| | 101 | 47 | | | | | | | 03 | 1 |
| 808 | 150 | 10990 | 115 | 14997 | 080 | 12992 | | | 03 | 1 |
| 827 | 101 | 58 | | | | | | | 03 | 1 |
| 60 | | | | | | | | | | |
| 390 | 415 | 74856 | 398 | 75876 | 354 | 82957 | 298 | 89017 | 02 | 5 |
| | 233 | 01114 | 195 | 05117 | 173 | 10111 | | | 02 | 5 |
| | 133 | 09 7 | 098 | 10 4 | | | | | 02 | 8 |
| 61 | | | | | | | | | | |
| 642 | 182 | 06 7 | | | | | | | 07 | 5 |
| 70 | | | | | | | | | | |
| 026 | 558 | 12773 | 478 | 71784 | 400 | 79905 | | | 06 | 1 |
| 133 | 400 | 79998 | | | | | | | 03 | 1 |
| 219 | 453 | 72991 | 400 | 78903 | 359 | 83925 | 334 | 88983 | 03 | 1 |
| | 240 | 98992 | 094 | 98997 | | | | | 03 | 1 |
| 231 | 375 | 98982 | 208 | 94998 | | | | | 03 | 1 |
| 350 | 400 | 77992 | | | | | | | 03 | 1 |
| 398 | 070 | 98990 | | | | | | | 03 | 1 |
| 485 | 067 | 40 | | | | | | | 03 | 1 |
| 72 | | | | | | | | | | |
| 208 | 280 | 89971 | 160 | 16995 | 115 | 21995 | | | 04 | 1 |
| 211 | 280 | 88957 | 138 | 22993 | 072 | 15992 | | | 03 | 1 |
| 240 | 160 | 16990 | 107 | 24996 | | | | | 03 | 1 |
| 250 | 390 | 68796 | 343 | 74852 | 150 | 18996 | | | 04 | 1 |
| 253 | 528 | 53574 | 492 | 57624 | 468 | 59632 | 400 | 64782 | 03 | 1 |
| | 364 | 69826 | 340 | 13808 | 250 | 90982 | 205 | 01990 | 03 | 1 |
| 259 | 101 | 58 | | | | | | | 03 | 1 |
| 265 | 254 | 89935 | 165 | 13994 | 120 | 21990 | 112 | 20997 | 03 | 1 |
| 270 | 128 | 21997 | | | | | | | 06 | 1 |
| 304 | 460 | 61776 | 400 | 67991 | 275 | 88994 | 152 | 17993 | 03 | 1 |
| 317 | 137 | 19998 | | | | | | | 03 | 1 |
| 327 | 180 | 20996 | | | | | | | 03 | 1 |
| 340 | 257 | 90001 | 117 | 20995 | | | | | 03 | 1 |
| 353 | 400 | 68803 | 264 | 89998 | 117 | 21996 | | | 03 | 1 |
| 365 | 131 | 17992 | | | | | | | 03 | 1 |
| 394 | 241 | 94998 | | | | | | | 03 | 1 |
| 405 | 393 | 67821 | 302 | 81939 | 140 | 18991 | 115 | 20997 | 03 | 1 |
| | 096 | 17995 | | | | | | | 03 | 1 |
| 451 | 102 | 19998 | 061 | 09994 | | | | | 03 | 1 |
| 493 | 101 | 90 | 104 | 68 | | | | | 04 | 1 |
| 506 | 150 | 14995 | 077 | 10995 | | | | | 03 | 1 |
| 518 | 400 | 66999 | 272 | 90990 | 180 | 06999 | 128 | 22999 | 03 | 1 |
| | 073 | 13998 | | | | | | | 03 | 1 |
| 520 | 270 | 89992 | 177 | 11998 | 122 | 20995 | | | 03 | 1 |
| 534 | 268 | 89997 | 158 | 13990 | | | | | 03 | 1 |
| 536 | 105 | 18999 | | | | | | | 04 | 1 |
| 553 | 373 | 70778 | 340 | 75882 | 264 | 89995 | 135 | 17996 | 03 | 1 |
| | 113 | 19998 | 060 | 06991 | | | | | 03 | 1 |
| 576 | 127 | 13992 | | | | | | | 03 | 1 |
| 597 | 462 | 61797 | 450 | 61999 | 400 | 69996 | 280 | 90990 | 03 | 1 |
| | 160 | 13995 | 085 | 09992 | | | | | 03 | 1 |
| 600 | 513 | 63711 | 444 | 70805 | 400 | 75821 | 225 | 08993 | 03 | 1 |
| | 213 | 01997 | 179 | 98999 | 130 | 02999 | 101 | 58*** | 03 | 1 |
| 606 | 348 | 78902 | 175 | 11993 | 140 | 13997 | 133 | 11991 | 03 | 1 |
| 662 | 192 | 04990 | | | | | | | 03 | 1 |
| 681 | 178 | 07996 | 168 | 07990 | | | | | 03 | 1 |
| 712 | 152 | 03994 | | | | | | | 03 | 1 |
| 734 | 144 | 16996 | 122 | 18995 | 110 | 18995 | 088 | 12990 | 03 | 1 |
| 747 | 400 | 67811 | 370 | 70846 | | | | | 04 | 1 |
| 768 | 375 | 77902 | 303 | 86982 | 229 | 02997 | 147 | 06990 | 05 | 1 |
| | 139 | 05993 | | | | | | | 05 | 1 |
| 785 | 432 | 66795 | 400 | 70819 | 286 | 90000 | | | 03 | 1 |
| 798 | 400 | 73824 | 336 | 82943 | 307 | 87990 | 206 | 08997 | 04 | 1 |
| | 093 | 03996 | | | | | | | 04 | 1 |
| 815 | 230 | 01996 | 180 | | 093 | 02994 | 101 | 58*** | 03 | 1 |
| 816 | 417 | 95994 | 060 | 97992 | 101 | 58*** | | | 03 | 1 |
| 826 | 403 | 75833 | 375 | 76888 | 249 | 98995 | 224 | 96997 | 03 | 1 |
| | 168 | 05995 | | | | | | | 03 | 1 |
| 836 | 474 | 60649 | 460 | 60663 | 400 | 66742 | 360 | 70759 | 03 | 1 |
| | 141 | 00999 | 155 | 12992 | 147 | 02990 | 101 | 58*** | 03 | 1 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 879 | 100 | 00900 | 101 | 58 | | | | | 03 | 1 |
| 906 | 652 | 57673 | 632 | 57673 | 580 | 61734 | 400 | 82886 | 03 | 1 |
| | 350 | 90990 | 285 | 01992 | 260 | 00995 | 101 | 47*** | 03 | 1 |
| 907 | 524 | 61994 | 400 | 74997 | 356 | 69991 | 260 | 98997 | 03 | 1 |
| | 170 | 01994 | 064 | 00997 | | | | | 03 | 1 |
| 913 | 640 | 51516 | 564 | 56576 | 400 | 73801 | 365 | 77863 | 03 | 1 |
| | 290 | 90999 | 180 | 04990 | 169 | 01995 | 141 | 04990 | 03 | 1 |
| 915 | 400 | 80994 | 242 | 00990 | 050 | 96999 | | | 03 | 1 |
| 917 | 154 | 93998 | 101 | 58 | | | | | 03 | 1 |
| 934 | 216 | 04995 | 187 | 97992 | 070 | 96995 | 101 | 58*** | 03 | 1 |
| 938 | 400 | 79891 | 253 | 98993 | 063 | 89990 | | | 02 | 1 |
| 945 | 098 | 92998 | 101 | 58 | | | | | 03 | 1 |
| 964 | 237 | 01990 | 101 | 58 | | | | | 03 | 1 |
| 968 | 239 | | 086 | 89993 | 101 | 58*** | | | 03 | 1 |
| 74 | | | | | | | | | | |
| 043 | 550 | 63809 | 537 | 65761 | 488 | 70851 | 400 | 80997 | 03 | 1 |
| | 234 | 07995 | 072 | 92999 | | | | | 03 | 1 |
| 072 | 250 | 88997 | | | | | | | 03 | 1 |
| 090 | 503 | 71762 | 452 | 75994 | 400 | 81994 | 345 | 90990 | 03 | 1 |
| | 338 | 98993 | | | | | | | | |
| 76 | | | | | | | | | | |
| 491 | 524 | 55651 | 453 | 61732 | 485 | 63719 | 406 | 67791 | 02 | 1 |
| | 400 | 67787 | 374 | 70844 | 293 | 83965 | 269 | 88999 | 02 | 1 |
| | 148 | 20985 | 111 | 23998 | | | | | 02 | 1 |
| 644 | 464 | 51661 | 440 | 62683 | 400 | 68764 | 285 | 88963 | 03 | 1 |
| | 140 | 20997 | | | | | | | 03 | 1 |
| 679 | 330 | 78874 | 290 | 85883 | 266 | 90938 | 165 | 14997 | 03 | 1 |
| 78 | | | | | | | | | | |
| 325 | | | 369 | 71765 | 159 | 15997 | | | 03 | 1 |
| 355 | 089 | 23993 | | | | | | | 03 | 1 |
| 367 | 512 | 55599 | 451 | 64661 | 430 | | | | 03 | 1 |
| | 338 | 76995 | 210 | 00995 | | | | | 03 | 1 |
| 501 | 521 | 55684 | 518 | 55647 | 488 | 58653 | 477 | 59741 | 04 | 1 |
| | 452 | 61704 | 400 | 67781 | 276 | 88952 | 171 | 11998 | 04 | 1 |
| | 103 | 26990 | 097 | 19992 | | | | | 04 | 1 |
| 525 | 285 | 88991 | 117 | 21999 | 101 | 69*** | 992 | 85*** | 03 | 1 |
| 972 | 150 | 15990 | 101 | 59 | | | | | 03 | 1 |
| 91 | | | | | | | | | | |
| 066 | 532 | 53639 | 460 | 60747 | 400 | 68754 | 350 | 74865 | 03 | 1 |
| | 270 | 90990 | 161 | 15991 | 101 | 68*** | 301 | 94*** | 03 | 1 |
| | 839 | 99 | 101 | 69 | 222 | 70*** | 909 | 90*** | 03 | 1 |
| 182 | | | 137 | | | | | | 03 | 1 |
| 245 | 400 | 66784 | 271 | 88005 | 152 | 21991 | 036 | 04990 | 03 | 1 |
| | 034 | 96999 | 101 | 67 | 085 | 81*** | | | 03 | 1 |
| 275 | 400 | 66994 | | | | | | | 03 | 1 |
| 98 | | | | | | | | | | |
| 645 | 107 | 27994 | | | | | | | 03 | 8 |
| QLL | | OCEAN | STA | | | | | | | |
| 034 | 220 | 01991 | 118 | 19996 | 064 | 11994 | | | 03 | 9 |
| 037 | 568 | 51663 | 400 | 67997 | 310 | 80995 | 125 | 21990 | 03 | 9 |
| | 118 | 21990 | | | | | | | 03 | 9 |
| 041 | 189 | 04994 | 136 | 14997 | | | | | 02 | 5 |
| 044 | 598 | 59542 | 586 | 60731 | 568 | 61687 | 456 | 74886 | 03 | 9 |
| | 400 | 80938 | 351 | 87997 | 279 | 00993 | 126 | 03993 | 03 | 9 |
| 053 | 276 | 96994 | 132 | 98999 | | | | | 03 | 9 |
| 055 | 248 | 07992 | 233 | 05990 | | | | | 03 | 9 |
| 063 | 258 | 03998 | 244 | 98999 | 095 | 96993 | | | 03 | 9 |
| 134 | 138 | 14990 | 030 | 00999 | 101 | 68*** | 082 | 77*** | 03 | 9 |
| 144 | 070 | 06991 | | | | | | | 03 | 9 |
| 223 | 229 | 95 | 184 | 10 | | | | | 03 | 1 |
| 235 | 003 | 98 | | | | | | | 03 | 1 |
| 237 | 592 | 53574 | 569 | 55572 | 549 | 56586 | 493 | 62642 | 03 | 9 |
| 246 | 178 | 10993 | 090 | 02998 | | | | | 03 | 9 |
| 360 | 340 | 93012 | 297 | 98999 | 282 | 98999 | 271 | 96992 | 03 | 8 |
| | 207 | 92993 | 179 | 93995 | 111 | 91997 | 100 | 90992 | 03 | 8 |
| | 092 | 89991 | | | | | | | 03 | 8 |

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| Index No. iii | 1st, 5th, etc. Level PPP | TTTTT ddx | 2nd, 6th, etc. Level PPP | TTTTT ddx | 3rd, 7th, etc. Level PPP | TTTTT ddx | 4th, 8th, etc. Level PPP | TTTTT ddx | Hour GG | Code Type |
|---|---|---|---|---|---|---|---|---|---|---|
| 01 | | | | | | | | | | |
| 001 | 313 | 00990 | 271 | 02999 | 245 | 97997 | 137 | 94998 | 03 | 8 |
| | 100 | 93990 | 065 | 91991 | | | | | 03 | 8 |
| 030 | 174 | 00 9 | | | | | | | 03 | 8 |
| 384 | 286 | 01 | 264 | 01 | 245 | 95*** | 185 | 95*** | 03 | 5 |
| | 130 | 98 | 122 | 98 | 116 | 98*** | | | 03 | 5 |
| 415 | 400 | 82892 | 310 | 97023 | | | | | 03 | 8 |
| 02 | | | | | | | | | | |
| 084 | 190 | 97990 | | | | | | | 03 | 8 |
| 03 | | | | | | | | | | |
| 026 | 222 | 46 0 | 145 | 48 0 | 047 | 53**0 | | | 08 | 2 |
| 476 | 565 | 28080 | 553 | 23080 | 225 | 40**0 | 157 | 36**0 | 08 | 2 |
| | 153 | 31 0 | 143 | 88 0 | 127 | 31**0 | 115 | 28**0 | 08 | 2 |
| | 105 | 33 0 | 073 | 43 0 | | | | | 03 | 2 |
| 808 | 125 | 18 0 | 098 | 26 0 | | | | | 02 | 2 |
| 917 | 035 | 39 0 | | | | | | | 02 | 2 |
| 953 | 236 | 38 0 | 181 | 27 0 | 129 | 20**0 | | | 03 | 7 |
| 04 | | | | | | | | | | |
| 202 | 346 | 88998 | 231 | 08990 | 100 | 94995 | | | 03 | 1 |
| 231 | 526 | 67816 | 401 | 83911 | | | | | 03 | 1 |
| 339 | 332 | 88 | 101 | 42 | | | | | 03 | 2 |
| 360 | 399 | 83870 | | | | | | | 03 | 5 |
| 06 | | | | | | | | | | |
| 180 | 115 | 05995 | | | | | | | 03 | 5 |
| 260 | 689 | 00708 | 687 | 54715 | 590 | 58749 | 565 | 60794 | 03 | 8 |
| | 505 | 67743 | 488 | 68741 | 467 | 71742 | 434 | 73813 | 03 | 8 |
| | 414 | 76868 | 393 | 79 | 360 | 83*** | | | 03 | 8 |
| 447 | 475 | 61761 | 435 | 67794 | 245 | 98**6 | 207 | | 03 | 8 |
| | 197 | 04 0 | 144 | 04 0 | 135 | 99**2 | | | 03 | 8 |
| 610 | 375 | 76896 | 305 | 32953 | 249 | 92**0 | 203 | | 05 | 5 |
| | 153 | 03 4 | 145 | 05 4 | 130 | 05**1 | | | 05 | 5 |
| 07 | | | | | | | | | | |
| 110 | 735 | 09047 | 713 | 07033 | 660 | 04501 | 633 | 03541 | 02 | 5 |
| | 603 | 00553 | 582 | 51562 | 535 | 57623 | | | 02 | 5 |
| 145 | 338 | 78851 | 294 | 86939 | 228 | 98**0 | 194 | 03**6 | 02 | 8 |
| | 158 | 08 0 | 182 | 09 7 | 088 | 08**4 | | | 02 | 8 |
| 190 | 446 | 68772 | 388 | 75846 | 312 | 84939 | 238 | 98*** | 02 | 8 |
| | 150 | 08 4 | 108 | 08 0 | 043 | 04**4 | | | 02 | 8 |
| 510 | 554 | 57739 | 500 | 61772 | 480 | 71851 | 400 | 72863 | 02 | 5 |
| | 350 | 81942 | 295 | 90 7 | 270 | 94**3 | | | 02 | 5 |
| 645 | 574 | 54652 | 496 | 63765 | 424 | 69804 | 380 | 75870 | 02 | 8 |
| | 265 | 90 0 | 252 | 93 3 | | | | | 02 | 8 |
| 08 | | | | | | | | | | |
| 509 | 457 | 63704 | 400 | 70781 | 280 | 90990 | | | 03 | 1 |
| 521 | 520 | 57726 | 515 | 56725 | 400 | 67837 | 142 | 14993 | 14 | 8 |
| | 130 | 13995 | 098 | 20997 | 077 | 15997 | | | 14 | 8 |
| 536 | 400 | 67992 | 140 | 17995 | 110 | 20990 | 056 | 01998 | 14 | 8 |
| 10 | | | | | | | | | | |
| 338 | 284 | 57 0 | 232 | 42 0 | | | | | 02 | 2 |
| 384 | 323 | 90990 | 274 | 97990 | 225 | 00990 | 183 | 04993 | 03 | 5 |
| 419 | 112 | 29 0 | 105 | 32 0 | | | | | 02 | 2 |
| 633 | 142 | 04990 | 050 | 83990 | | | | | 03 | 5 |
| 866 | 255 | 97998 | 225 | 00991 | 210 | 01990 | | | 03 | 5 |
| 11 | | | | | | | | | | |
| 030 | 543 | 59755 | 400 | 75856 | 356 | 82932 | 210 | 06**1 | 03 | 5 |
| | 190 | 03 0 | 116 | 03 0 | | | | | 03 | 5 |
| 17 | | | | | | | | | | |
| 130 | 580 | 51991 | 515 | 57997 | 456 | 65997 | 445 | 65997 | 02 | 8 |
| | 432 | 66997 | 420 | 65991 | 411 | 65991 | 400 | 67997 | 02 | 8 |
| 47 | | | | | | | | | | |
| 401 | 329 | 84893 | 159 | 00990 | 137 | 97990 | 101 | 47*** | 04 | 1 |
| 590 | 152 | 15992 | 061 | 06990 | | | | | 03 | 1 |
| 635 | 145 | 24994 | 087 | 21999 | | | | | 03 | 1 |
| 646 | 137 | 12995 | 093 | 12998 | 067 | 06992 | | | 03 | 1 |
| 671 | 101 | 58 | | | | | | | 03 | 1 |
| 744 | 133 | 13992 | 072 | 11998 | 032 | 07996 | | | 06 | 1 |
| 778 | 083 | 11993 | | | | | | | 03 | 1 |
| 808 | 246 | 84998 | 175 | 00993 | 101 | 59*** | | | 03 | 1 |
| 827 | 363 | 68813 | 225 | 87995 | 125 | 08998 | 103 | 10999 | 03 | 1 |
| | 064 | 08998 | | | | | | | 03 | 1 |
| 60 | | | | | | | | | | |
| 120 | 400 | 71990 | | | | | | | 03 | 6 |
| 155 | 732 | 15644 | 728 | 13610 | 700 | 12662 | 567 | 55782 | 02 | 8 |
| | 488 | 59821 | 440 | 69939 | 366 | 72967 | 337 | 76**4 | 02 | 8 |
| | 315 | 80032 | 300 | 80034 | 261 | 88103 | 250 | 88105 | 02 | 8 |
| | 224 | 94 1 | 200 | 98 7 | 187 | 97**7 | 127 | 07**0 | 02 | 8 |
| 390 | 627 | 00712 | 586 | 54760 | 538 | 57766 | 517 | 60790 | 02 | 8 |
| | 432 | 67885 | 400 | 72921 | 365 | 75951 | | | 02 | 8 |
| 61 | | | | | | | | | | |
| 642 | 191 | 09 7 | 135 | 18 1 | | | | | 07 | 5 |
| 70 | | | | | | | | | | |
| 026 | 400 | 80886 | 338 | 89972 | 220 | | 080 | 93996 | 03 | 1 |
| 133 | 400 | 79912 | 318 | 90990 | 227 | 05993 | 207 | 05997 | 03 | 1 |
| | 013 | 87995 | | | | | | | 03 | 1 |
| 219 | 271 | 97998 | | | | | | | 03 | 1 |
| 273 | 434 | 73839 | 400 | 79860 | 344 | 87953 | 265 | 02990 | 03 | 1 |
| | 236 | 03993 | 102 | 98999 | 101 | 68*** | 097 | 90*** | 03 | 1 |
| 350 | 280 | 95993 | | | | | | | 03 | 1 |
| 361 | 392 | 80843 | 358 | 86903 | 322 | 90001 | 215 | 05990 | 03 | 1 |
| | 138 | 01995 | | | | | | | 03 | 1 |
| 381 | 048 | 97992 | | | | | | | 03 | 1 |
| 398 | 095 | 00999 | | | | | | | 03 | 1 |
| 439 | 400 | 79802 | 382 | 76813 | 366 | 75817 | 264 | 90961 | 03 | 1 |
| | 190 | 04993 | 164 | 97998 | 066 | 91992 | 101 | 58*** | 03 | 1 |
| 72 | | | | | | | | | | |
| 202 | 116 | 24995 | 110 | 23990 | | | | | 03 | 1 |
| 211 | 065 | 17994 | | | | | | | 03 | 1 |
| 219 | 261 | 89007 | 170 | 13992 | 111 | 21998 | 087 | 20992 | 03 | 1 |
| 240 | 400 | 69804 | 375 | 72794 | 367 | 73861 | 277 | 87952 | 03 | 1 |
| | 119 | 22996 | 090 | 18993 | | | | | 03 | 1 |
| 250 | 300 | 81928 | | | | | | | 03 | 1 |
| 253 | 546 | 51596 | 526 | 53597 | 475 | 59642 | 463 | 59663 | 03 | 1 |
| | 400 | 66793 | 368 | 69795 | 332 | 76874 | 257 | 89948 | 03 | 1 |
| | 144 | 18990 | | | | | | | 03 | 1 |
| 259 | 148 | 15995 | 115 | 19995 | 063 | 15992 | 101 | 55*** | 03 | 1 |
| 270 | 348 | 74993 | 310 | 91931 | 254 | 90002 | 135 | 22998 | 03 | 1 |
| | 058 | 11995 | | | | | | | 03 | 1 |
| 278 | 067 | 12994 | | | | | | | 03 | 1 |
| 304 | 140 | 17997 | | | | | | | 03 | 1 |
| 317 | 101 | 68 | 095 | 83 | 278 | 88987 | 135 | 19995 | 03 | 1 |
| 365 | 142 | 17990 | 116 | 20995 | 108 | 20992 | | | 03 | 1 |
| 386 | 070 | 13998 | | | | | | | 03 | 1 |
| 394 | 645 | 09616 | 616 | 07995 | 536 | 50682 | 471 | 57647 | 03 | 1 |
| | 452 | 59727 | 400 | 68732 | 337 | 78824 | 319 | 79918 | 03 | 1 |
| | 158 | 11999 | 090 | 16992 | | | | | 03 | 1 |

## RADIOSONDE AND RAWINSONDE DATA. SIGNIFICANT LEVELS

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| Index No. iii | 1st. 5th. etc. Level PPP | TTTTTddx | 2nd. 6th. etc. Level PPP | TTTTTddx | 3rd. 7th. etc. Level PPP | TTTTTddx | 4th. 8th. etc. Level PPP | TTTTTddx | Hour GG | Code Type |
|---|---|---|---|---|---|---|---|---|---|---|
| 405 | 437 | 64818 | 400 | 71993 | 168 | 23995 | 145 | 14995 | 03 | 1 |
| 445 | 075 | 16990 | | | | | | | 03 | 1 |
| 493 | 400 | 70843 | 283 | 90990 | 138 | 15990 | 112 | 13995 | 03 | 1 |
| 506 | 259 | 89998 | | | | | | | 03 | 1 |
| 518 | 534 | 56621 | 469 | 59732 | 418 | 65791 | 400 | 66996 | 03 | 1 |
| | 256 | 90990 | 134 | 21995 | 072 | 11995 | 101 | 68*** | 03 | 1 |
| | 053 | 47 | | | | | | | 03 | 1 |
| 520 | 294 | 84961 | 269 | 88994 | 120 | 20996 | 084 | 16990 | 03 | 1 |
| 528 | 311 | 81935 | 307 | 81991 | 129 | 17996 | | | 03 | 1 |
| 562 | 340 | 76891 | 280 | 88941 | 153 | 13991 | 115 | 18992 | 03 | 1 |
| | 080 | 17990 | | | | | | | 03 | 1 |
| 597 | 464 | 62789 | 451 | 62798 | 400 | 69846 | 287 | 89978 | 03 | 1 |
| | 154 | 11990 | 094 | 07999 | | | | | 03 | 1 |
| 600 | 515 | 61743 | 472 | 63789 | 460 | 63769 | 400 | 71841 | 03 | 1 |
| | 370 | 74835 | 165 | 10990 | 101 | 58*** | | | 03 | 1 |
| 606 | 158 | 16995 | 137 | 20995 | 115 | 17990 | | | 03 | 1 |
| 655 | 400 | 66716 | 260 | 89934 | 122 | 16998 | 107 | 11990 | 03 | 1 |
| 681 | 205 | 07996 | 194 | 04997 | | | | | 03 | 1 |
| 712 | 535 | 55604 | 522 | 55737 | 420 | 66793 | 400 | 68788 | 03 | 1 |
| | 348 | 73787 | 257 | 88986 | 140 | 15995 | 095 | 10997 | 03 | 1 |
| 734 | 482 | 56714 | 457 | 59695 | 440 | 61764 | 400 | 66772 | 03 | 1 |
| | 353 | 72814 | 336 | 75873 | 316 | 78866 | 264 | 89001 | 03 | 1 |
| | 178 | 10997 | 142 | 15994 | 134 | 15990 | | | 03 | 1 |
| 747 | 400 | 68994 | 347 | 74865 | 258 | 89979 | 162 | 10995 | 03 | 1 |
| | 140 | 07994 | | | | | | | 03 | 1 |
| 764 | 152 | 10998 | 118 | 10995 | | | | | 03 | 1 |
| 768 | 058 | 02992 | | | | | | | 03 | 1 |
| 775 | 251 | 02990 | 213 | 05991 | 158 | 08999 | 097 | 06996 | 03 | 1 |
| 785 | 230 | 03997 | 092 | 04995 | 055 | 98999 | | | 03 | 1 |
| 798 | 321 | 90990 | 263 | 00990 | | | | | 03 | 1 |
| 815 | 226 | 98990 | 101 | 58 | | | | | 03 | 1 |
| 816 | 400 | 73995 | 276 | 90990 | 175 | 09995 | 154 | 03995 | 03 | 1 |
| | 087 | 00994 | 101 | 58 | | | | | 03 | 1 |
| 836 | 529 | 51746 | 440 | 67868 | 174 | 05992 | 138 | 07994 | 03 | 1 |
| | 130 | 06992 | 070 | 03998 | 101 | 58*** | | | 03 | 1 |
| 867 | 141 | 98999 | | | | | | | 03 | 1 |
| 879 | 227 | 97999 | 114 | 97995 | 101 | 58*** | | | 03 | 1 |
| 896 | 101 | 47 | | | | | | | 03 | 1 |
| 907 | 400 | 78863 | 360 | 82918 | 101 | 47*** | | | 09 | 1 |
| 909 | 122 | 93992 | 101 | 58 | | | | | 03 | 1 |
| 913 | 617 | 55663 | 583 | 58662 | 533 | 60729 | 435 | 70994 | 03 | 1 |
| | 400 | 76995 | 270 | 94995 | 217 | 91996 | 160 | 94996 | 03 | 1 |
| 915 | 470 | 68735 | 424 | 72761 | 400 | 74824 | 358 | 79884 | 03 | 1 |
| | 397 | 89945 | 220 | 06991 | 175 | 98999 | 164 | 02990 | 03 | 1 |
| | 140 | 97995 | | | | | | | 03 | 1 |
| 917 | 247 | 04990 | 287 | 06990 | 105 | 91990 | 102 | 58*** | 03 | 1 |
| 918 | 042 | 92995 | | | | | | | 03 | 1 |
| 924 | 106 | 92991 | | | | | | | 03 | 1 |
| 945 | 101 | 58 | | | | | | | 03 | 1 |
| 968 | 246 | 00999 | 084 | 90994 | 101 | 55*** | | | 03 | 1 |
| 74 | | | | | | | | | | |
| 090 | 453 | 77995 | 400 | 85990 | 375 | 98990 | 250 | 05993 | 03 | 1 |
| | | 96996 | | | | | | | 03 | 1 |
| 109 | 101 | 55 | | | | | | | 03 | 1 |
| 76 | | | | | | | | | | |
| 458 | 549 | 51554 | 400 | 66698 | 267 | 88984 | 110 | 27998 | 02 | 1 |
| 491 | 485 | 56676 | 445 | 59778 | 400 | 65833 | 347 | 79*** | 02 | 1 |
| | 307 | 79967 | 257 | 90990 | 154 | 18995 | 183 | 22993 | 02 | 1 |
| 644 | 429 | 63663 | 400 | 67714 | 338 | 77879 | 280 | 87987 | 03 | 1 |
| | 120 | 24992 | | | | | | | 03 | 1 |
| 679 | 400 | 67762 | 374 | 70766 | 356 | 73841 | 344 | 75823 | 03 | 1 |
| | 308 | 80925 | 270 | 89992 | 160 | 14993 | | | 03 | 1 |
| 78 | | | | | | | | | | |
| 016 | 101 | 68 | 060 | 40 | 040 | 38*** | | | 03 | 1 |
| 395 | 400 | 66766 | 360 | 73857 | 250 | 94995 | 210 | 10998 | 03 | 1 |
| | 101 | 65 | 000 | 75 | | | | | 03 | 1 |
| 501 | 276 | 88989 | 127 | 23990 | 111 | 21998 | | | 03 | 1 |
| 806 | 120 | 25995 | | | | | | | 03 | 1 |
| 972 | 101 | 58 | | | | | | | 04 | 1 |
| 91 | | | | | | | | | | |
| 066 | 400 | 68813 | 352 | 78843 | 280 | 90990 | 150 | 18997 | 03 | 1 |
| | 065 | 11995 | | | | | | | 03 | 1 |
| 182 | 568 | 50993 | 556 | 00681 | 470 | 59749 | 400 | 68996 | 03 | 1 |
| | 282 | 90990 | 188 | 11990 | 171 | 08993 | 095 | 16998 | 03 | 1 |
| | 050 | 08995 | | | | | | | 03 | 1 |
| 245 | | | 090 | 20995 | 020 | 95990 | | | | |
| 98 | | | | | | | | | | |
| 645 | 445 | 60686 | 381 | 69760 | 259 | 88941 | 130 | 25990 | 03 | 8 |
| | 120 | 24997 | | | | | | | 03 | 8 |
| 9LL | | OCEAN | STA | | | | | | | |
| 034 | 468 | 62707 | 415 | 68768 | 286 | 90962 | 120 | 18993 | 03 | 9 |
| | 057 | 07999 | | | | | | | 03 | 9 |
| 035 | 112 | 15992 | 075 | 11997 | | | | | 03 | 9 |
| 044 | 522 | 61771 | 486 | 65733 | 430 | 70857 | 400 | 74990 | 03 | 9 |
| | 374 | 77893 | 315 | 87947 | 233 | 05990 | 202 | 09994 | 03 | 9 |
| | 166 | 04990 | 086 | 04998 | | | | | 03 | 9 |
| 055 | 400 | 82891 | 344 | 90911 | 268 | 02998 | 188 | 97998 | 03 | 9 |
| 134 | 400 | 71990 | 127 | 16995 | 070 | 13992 | | | 03 | 9 |

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| Index No. iii | 1st. 5th. etc. Level PPP | TTTTTddx | 2nd. 6th. etc. Level PPP | TTTTTddx | 3rd. 7th. etc. Level PPP | TTTTTddx | 4th. 8th. etc. Level PPP | TTTTTddx | Hour GG | Code Type |
|---|---|---|---|---|---|---|---|---|---|---|
| 01 | | | | | | | | | | |
| 001 | 400 | 86933 | 347 | 94028 | 285 | 02999 | 275 | 03990 | 03 | 8 |
| | 257 | 98999 | 211 | 94990 | 185 | 99991 | | | 03 | 8 |
| 030 | 218 | 01 6 | 192 | 97 4 | 090 | 96**6 | | | 03 | 8 |
| 384 | 100 | 95995 | 257 | 00 | 240 | 02*** | 162 | 95*** | 03 | 8 |
| | 151 | 93 | 073 | 94 | | | | | 03 | 8 |
| 415 | 519 | 66724 | 400 | 81887 | 345 | 90977 | 289 | 01995 | 03 | 8 |
| | 228 | 96990 | 094 | 99995 | | | | | 03 | 8 |
| 02 | | | | | | | | | | |
| 057 | 263 | 00990 | 226 | 95990 | 184 | 93992 | | | 03 | 8 |
| 03 | | | | | | | | | | |
| 743 | 016 | 26 0 | | | | | | | 02 | 2 |
| 953 | 187 | 36 0 | 131 | 33 0 | 079 | 41**0 | 066 | 40**0 | 03 | 2 |
| 04 | | | | | | | | | | |
| 270 | 375 | 90990 | 276 | 0 998 | 248 | 00992 | 101 | 55*** | 09 | 1 |
| 06 | | | | | | | | | | |
| 260 | 565 | 55731 | 497 | 63751 | 477 | 64807 | 440 | 69803 | 03 | 8 |
| | 383 | 76 | 312 | 87 | 270 | 95*** | 227 | 04*** | 03 | 8 |
| 447 | 511 | 58704 | 185 | 04 0 | 145 | 09**4 | 140 | 09**0 | 03 | 8 |
| | 083 | 09 7 | | | | | | | 03 | 8 |
| 610 | 589 | 50559 | 563 | 54596 | 401 | 69815 | 235 | 98**4 | 05 | 5 |
| | 166 | 09 1 | 141 | 09 1 | 129 | 11**1 | | | 05 | 5 |
| 07 | | | | | | | | | | |
| 110 | 562 | 55701 | 500 | 59732 | 455 | 63770 | 384 | 72833 | 02 | 5 |
| | 330 | 81930 | 285 | 89001 | 237 | 98**0 | | | 02 | 5 |
| 145 | 600 | 06567 | 536 | 00686 | 420 | 68860 | 370 | 67980 | 02 | 8 |
| | 275 | 84051 | 227 | 92 1 | 160 | 99**4 | | | 02 | 8 |
| 480 | 296 | 86971 | 261 | 95 4 | 188 | 10**0 | 113 | 10**0 | 02 | 8 |
| | 080 | 07 0 | | | | | | | 02 | 8 |
| 510 | 530 | 56691 | 480 | 60741 | 374 | 70870 | 348 | 77901 | 02 | 5 |
| | 281 | 90013 | 275 | 91 1 | 226 | 00**1 | | | 02 | 5 |
| 645 | 752 | 08054 | 715 | 03502 | 650 | 00532 | 584 | 55593 | 02 | 8 |
| | 565 | 54599 | 534 | 56612 | | | | | 02 | 8 |
| 08 | | | | | | | | | | |
| 521 | 075 | 09994 | | | | | | | 14 | 8 |
| 10 | | | | | | | | | | |
| 384 | 400 | 73823 | 290 | 89998 | 225 | 02996 | 096 | 02996 | 03 | 5 |
| | 058 | 00990 | | | | | | | 03 | 5 |
| 633 | 587 | 51626 | 559 | 53617 | 535 | 55573 | 512 | 58996 | 03 | 5 |
| | 465 | 62787 | 400 | 70816 | 372 | 73856 | 275 | 90990 | 03 | 5 |
| | 165 | 05999 | 119 | 07993 | 066 | 01996 | | | 03 | 5 |
| 866 | 400 | 68999 | 267 | 89994 | 225 | 90991 | 210 | 00995 | 03 | 5 |
| | 141 | 06990 | 102 | 05996 | | | | | 03 | 5 |
| 11 | | | | | | | | | | |
| 030 | 400 | 73795 | 356 | 77855 | 282 | 90941 | 210 | 04**0 | 03 | 5 |
| | 176 | 03 5 | 158 | 06 0 | 140 | 06**0 | | | 03 | 5 |
| 567 | 125 | 05996 | 098 | 09990 | 090 | 06995 | 080 | 06993 | 05 | 5 |
| 17 | | | | | | | | | | |
| 606 | 190 | 43 0 | | | | | | | 02 | 7 |
| 40 | | | | | | | | | | |
| 648 | 227 | 58 0 | 187 | 40 0 | 116 | 08**0 | 093 | | 02 | 2 |
| | 087 | 00 0 | | | | | | | 02 | 2 |
| 42 | | | | | | | | | | |
| 909 | 224 | 96 | 200 | 99 | | | | | 14 | 8 |
| 47 | | | | | | | | | | |
| 401 | 101 | 55 | | | | | | | 05 | 1 |
| 412 | 400 | 63715 | 337 | 69735 | 272 | 79872 | 227 | 85934 | 03 | 1 |
| | 164 | 98999 | 131 | 05997 | 063 | 03993 | | | 03 | 1 |
| 580 | 400 | 62755 | 313 | 72781 | 246 | 84918 | 125 | 10990 | 03 | 1 |
| | 055 | 98995 | | | | | | | 03 | 1 |
| 590 | 045 | 02990 | | | | | | | 03 | 1 |
| 600 | 215 | 90998 | 152 | 02993 | 111 | 12996 | | | 03 | 1 |
| 635 | 280 | 90990 | 125 | 22995 | 080 | 17996 | | | 03 | 1 |
| 671 | 250 | 83990 | 101 | 59 | | | | | 03 | 1 |
| 744 | 120 | 10995 | 065 | 05994 | | | | | 03 | 1 |
| 778 | 157 | 94996 | 143 | 99995 | 101 | 58*** | | | 03 | 1 |
| 808 | 249 | 85993 | 101 | 59 | | | | | 03 | 1 |
| 827 | 379 | 90014 | 119 | 15993 | 101 | 58*** | | | | |
| 60 | | | | | | | | | | |
| 390 | 802 | 11023 | 711 | 03541 | 690 | 02549 | 640 | 50588 | 02 | 5 |
| | 595 | 53645 | 570 | 56673 | 548 | 56697 | | | 02 | 5 |
| 70 | | | | | | | | | | |
| 026 | 400 | 78828 | 318 | 90931 | 222 | 05993 | | | 03 | 1 |
| 133 | 217 | 04990 | 021 | 89995 | | | | | 03 | 1 |
| 200 | 236 | 03999 | 133 | 91997 | | | | | 03 | 1 |
| 204 | 131 | 96996 | | | | | | | 03 | 1 |
| 219 | 105 | 94997 | 101 | 68 | 070 | 66*** | 043 | 40*** | 03 | 1 |
| | 040 | 36 | | | | | | | 03 | 1 |
| 231 | 083 | 95997 | | | | | | | 03 | 1 |
| 485 | 224 | 01993 | 194 | 93999 | 060 | 92990 | 101 | 58*** | 04 | 1 |
| 72 | | | | | | | | | | |
| 202 | 270 | 89998 | 250 | 94995 | | | | | 03 | 1 |
| 208 | 142 | 18997 | 113 | 24994 | 062 | 11998 | | | 03 | 1 |
| 211 | 400 | 66746 | 352 | 73843 | 139 | 22991 | 109 | 24997 | 03 | 1 |
| | 104 | 24990 | 101 | 90 | 104 | 52*** | | | 03 | 1 |
| 219 | 573 | 01692 | 400 | 65996 | 144 | 17992 | 103 | 23995 | 03 | 1 |
| | 061 | 14999 | | | | | | | 03 | 1 |
| 231 | 125 | 20990 | | | | | | | 03 | 1 |
| 240 | 513 | 57742 | 400 | 68832 | 324 | 79912 | 118 | 24992 | 03 | 1 |
| | 080 | 19996 | 038 | 06990 | | | | | 03 | 1 |
| 250 | 122 | 19991 | | | | | | | 03 | 1 |
| 253 | 400 | 68803 | 364 | 73813 | 353 | 74851 | 268 | 90973 | 03 | 1 |
| | 172 | 10996 | | | | | | | | |

## RADIOSONDE AND RAWINSONDE DATA. SIGNIFICANT LEVELS

| Index No. iii | 1st. 5th. etc. Level PPP | TTTTTddx | 2nd. 6th. etc. Level PPP | TTTTTddx | 3rd. 7th. etc. Level PPP | TTTTTddx | 4th. 8th. etc. Level PPP | TTTTTddx | Hour GG | Code Type |
|---|---|---|---|---|---|---|---|---|---|---|
| 259 | 295 | 81947 | 252 | 90990 | 139 | 18990 | | | 03 | 1 |
| 265 | 135 | 20998 | 103 | 23995 | 053 | 08996 | | | 03 | 1 |
| 278 | 140 | 20991 | 110 | 21993 | | | | | 03 | 1 |
| 304 | 136 | 20994 | 114 | 24990 | | | | | 03 | 1 |
| 327 | 455 | 62773 | 441 | 63990 | 421 | 65801 | 400 | 67804 | 03 | 1 |
| | 345 | 76821 | 269 | 90002 | 169 | 13998 | | | 03 | 1 |
| 353 | 256 | 89001 | 126 | 20997 | 092 | 14998 | | | 03 | 1 |
| 365 | 122 | 18995 | 108 | 21990 | 070 | 12990 | | | 03 | 1 |
| 386 | 400 | 69993 | 160 | 15991 | 118 | 20997 | 080 | 13998 | 03 | 1 |
| 394 | 122 | 15995 | | | | | | | 03 | 1 |
| 405 | 075 | 16994 | | | | | | | 03 | 1 |
| 445 | 400 | 67757 | 265 | 90003 | 148 | 16999 | 144 | 15995 | 03 | 1 |
| 451 | 112 | 20990 | 084 | 18990 | | | | | 03 | 1 |
| 493 | 165 | 11990 | 128 | 14998 | 086 | 12991 | | | 03 | 1 |
| 506 | 280 | 86985 | 265 | 89990 | 124 | 18993 | 080 | 11994 | 03 | 1 |
| 518 | 092 | 13991 | 075 | 14998 | | | | | 03 | 1 |
| 520 | 400 | 69784 | 367 | 73868 | 276 | 89992 | | | 03 | 1 |
| 536 | 172 | 08996 | | | | | | | 03 | 1 |
| 553 | 383 | 73869 | 270 | 89991 | 175 | 11996 | 123 | 19995 | 03 | 1 |
| | 056 | 06998 | | | | | | | 03 | 1 |
| 576 | 124 | 12992 | 074 | 06997 | | | | | 03 | 1 |
| 597 | 278 | 89018 | 113 | 12995 | 095 | 09991 | | | 03 | 1 |
| 600 | 659 | 00527 | 627 | 00534 | 607 | 50567 | 563 | 55592 | 03 | 1 |
| | 526 | 54678 | 400 | 70833 | 137 | 12999 | 130 | 12990 | 03 | 1 |
| | 113 | 14993 | 101 | 58 | | | | | 03 | 1 |
| 606 | 164 | 12997 | 123 | 16994 | | | | | 03 | 1 |
| 655 | 400 | 69992 | 340 | 78904 | 267 | 89999 | 114 | 13990 | 03 | 1 |
| | 075 | 06995 | | | | | | | 03 | 1 |
| 662 | 125 | 10990 | 090 | 12998 | 088 | 11998 | | | 03 | 1 |
| 681 | 275 | 89983 | 181 | 07997 | | | | | 03 | 1 |
| 712 | 268 | 89983 | 160 | 13994 | 112 | 15992 | 085 | 08995 | 03 | 1 |
| 747 | 333 | 81931 | 285 | 89001 | 231 | 98999 | | | 04 | 1 |
| 785 | 375 | 75992 | 294 | 90003 | 233 | 01994 | 090 | 06991 | 03 | 1 |
| | 040 | 00997 | | | | | | | 03 | 1 |
| 798 | 563 | 57726 | 483 | 63776 | 427 | 70741 | 400 | 74771 | 03 | 1 |
| | 375 | 76876 | 140 | 06997 | | | | | 02 | 1 |
| 807 | 514 | 60600 | 478 | 61735 | 040 | 70813 | 264 | 93996 | 03 | 1 |
| | 218 | 02990 | 168 | 04990 | | | | | 02 | 1 |
| 815 | 459 | 64783 | 400 | 70993 | 298 | 87990 | 101 | 55*** | 03 | 1 |
| 816 | 400 | 71993 | 218 | 90990 | 238 | 98996 | 115 | 03995 | 03 | 1 |
| | 101 | 58 | | | | | | | 03 | 1 |
| 826 | 531 | 56713 | 463 | 62723 | 400 | 69998 | 356 | 76991 | 03 | 1 |
| | 101 | 68 | 046 | 40 | | | | | 03 | 1 |
| 836 | 400 | 67724 | 153 | 07990 | 120 | 09994 | 101 | 58*** | 03 | 1 |
| 867 | 073 | 01993 | | | | | | | 03 | 1 |
| 907 | 593 | 56647 | 524 | 62775 | 400 | 79991 | 329 | 90990 | 03 | 1 |
| | 274 | 95997 | 241 | 93997 | 149 | 00997 | 060 | 00990 | 03 | 1 |
| 909 | 284 | 90990 | 214 | 04990 | | 96999 | 120 | 06999 | 03 | 1 |
| | 101 | 58 | | | | | | | 03 | 1 |
| 913 | 245 | 04997 | 145 | 95998 | | | | | 03 | 1 |
| 917 | 150 | 92996 | 101 | 58 | | | | | 03 | 1 |
| 918 | 050 | 89992 | | | | | | | 03 | 1 |
| 934 | 101 | 58 | | | | | | | 03 | 1 |
| 945 | 324 | 87911 | 242 | 00994 | 206 | 01996 | 178 | 96998 | 03 | 1 |
| | 046 | 93996 | 101 | 58 | | | | | 03 | 1 |
| 74 | | | | | | | | | | |
| 090 | 253 | 03999 | 228 | 03997 | 110 | 97999 | 098 | 93995 | 03 | 1 |
| 76 | | | | | | | | | | |
| 458 | 400 | 65717 | 348 | 73763 | 285 | 23933 | 258 | 88997 | 03 | 1 |
| | 129 | 25991 | | | | | | | 03 | 1 |
| 491 | 386 | 59705 | 475 | 60747 | 438 | 63727 | 400 | 68765 | 02 | 1 |
| | 373 | 72780 | 334 | 77891 | 272 | 89931 | 165 | 17995 | 02 | 1 |
| | 140 | 20995 | | | | | | | 02 | 1 |
| 644 | 100 | 22993 | | | | | | | 03 | 1 |
| 679 | 268 | 90952 | 275 | 12998 | | | | | 03 | 1 |
| 78 | | | | | | | | | | |
| 395 | 554 | 51999 | 518 | 52996 | 400 | 70702 | 337 | 78817 | 03 | 1 |
| | 260 | 92904 | 218 | 01994 | 168 | 18999 | 140 | 17997 | 03 | 1 |
| 501 | 456 | 62710 | 428 | 65793 | 400 | 68783 | 367 | 72825 | 03 | 1 |
| 806 | 155 | 21993 | 130 | 23995 | | | | | 03 | 1 |
| 972 | 101 | 58 | | | | | | | 03 | 1 |
| 91 | | | | | | | | | | |
| 066 | 154 | 16990 | 070 | 10995 | | | | | 03 | 1 |
| 115 | 514 | 54567 | 443 | 61661 | 400 | 66748 | 388 | 67786 | 03 | 1 |
| | 266 | | 164 | 15994 | 101 | 58*** | | | 03 | 1 |
| 182 | 400 | 69998 | 365 | 75870 | 320 | 82937 | 278 | 90990 | 03 | 1 |
| | 106 | 17991 | 080 | 12998 | | | | | 03 | 1 |
| 215 | 427 | | 400 | 64756 | | | | | 03 | 1 |
| 245 | 730 | 12504 | 688 | 09016 | 662 | 07585 | 610 | 03597 | 03 | 1 |
| | 598 | 04632 | 568 | 02661 | 400 | 66808 | 360 | 72758 | 03 | 1 |
| | 270 | 88976 | 257 | 90995 | | | | | 03 | 1 |
| 275 | 337 | 75992 | 101 | 65 | 040 | 35*** | | | 03 | 1 |
| 98 | | | | | | | | | | |
| 645 | 264 | 85955 | 101 | 30991 | | | | | 03 | 8 |
| 9LL | | OCEAN | STA | | | | | | | |
| 034 | 508 | 55741 | 426 | 68995 | 419 | 68990 | 275 | 90990 | 03 | 9 |
| | 166 | 13994 | 113 | 18991 | | | | | 03 | 9 |
| 035 | 372 | 74785 | 288 | 90982 | 230 | 00997 | | | 03 | 9 |
| 037 | 259 | 90990 | 129 | 23993 | 126 | 21995 | | | 02 | 9 |
| 041 | 443 | 61757 | 136 | 13997 | 121 | 16997 | 057 | 08990 | 08 | 5 |
| 044 | 630 | 50534 | 400 | 71777 | 392 | 88929 | 225 | 05998 | 03 | 9 |
| 054 | 446 | 72787 | 409 | 78811 | 406 | 76807 | 313 | 90973 | 03 | 9 |
| | 218 | 05995 | 186 | 98999 | 074 | 00990 | | | 03 | 9 |
| 062 | 047 | 48 0 | | | | | | | 02 | |
| 063 | 400 | 83925 | 358 | 90002 | 248 | 05993 | 202 | 95994 | 03 | 9 |
| 134 | 150 | 16997 | 120 | 18998 | 020 | 96992 | 101 | 67*** | 03 | 9 |
| | 089 | 86 | | | | | | | 03 | 9 |
| 144 | 532 | 58718 | 400 | 74774 | 291 | 90942 | 174 | 14997 | 03 | 9 |
| | 077 | 02999 | | | | | | | 03 | 9 |
| 215 | 420 | 61767 | 400 | 64774 | | | | | 03 | 9 |
| 223 | 051 | 09 | | | | | | | 03 | 1 |
| 235 | 064 | 99 | | | | | | | 02 | 1 |
| 246 | 470 | 61731 | 436 | 65704 | 40 | 68746 | 368 | 73784 | 03 | 9 |
| | 295 | 84886 | 1 4 | 16990 | 0 5 | 10990 | 1*1 | 53*** | 03 | 9 |

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| Index No. iii | 1st. 5th. etc. Level PPP | TTTTTddx | 2nd. 6th. etc. Level PPP | TTTTTddx | 3rd. 7th. etc. Level PPP | TTTTTddx | 4th. 8th. etc. Level PPP | TTTTTddx | Hour GG | Code Type |
|---|---|---|---|---|---|---|---|---|---|---|
| 01 | | | | | | | | | | |
| 001 | 507 | 75823 | 483 | 79884 | 477 | 78875 | 460 | 81906 | 03 | 8 |
| | 442 | 81902 | 405 | 88977 | 400 | 89973 | | | 03 | 8 |
| 030 | 120 | 99 7 | | | | | | | 03 | 5 |
| 384 | 234 | 98 | 158 | 94 | 105 | 97*** | | | 03 | 5 |
| 02 | | | | | | | | | | |
| 084 | 455 | 73804 | 281 | 97998 | 239 | 01997 | | | 03 | 8 |
| 03 | | | | | | | | | | |
| 953 | 209 | 31 0 | 191 | 39 0 | 172 | 38**0 | | | 03 | 2 |
| 04 | | | | | | | | | | |
| 270 | 330 | 95990 | 101 | 58 | | | | | 03 | 1 |
| 06 | | | | | | | | | | |
| 260 | 691 | 01661 | 628 | 51728 | 547 | 58711 | 513 | 61717 | 03 | 8 |
| | 433 | 68703 | 400 | 72767 | | | | | 03 | 8 |
| 447 | 195 | 03 2 | 180 | 00 5 | 135 | 03**8 | 092 | 01**3 | 03 | 8 |
| | 084 | 01 5 | 038 | 94 5 | | | | | 03 | 8 |
| 610 | 585 | 54592 | 557 | 54686 | 531 | 56736 | 479 | 62760 | 05 | 5 |
| | 458 | 64798 | 308 | 85963 | 268 | 90**7 | | | 05 | 5 |
| 07 | | | | | | | | | | |
| 110 | 715 | 01001 | 704 | 02502 | 680 | 02542 | 531 | 56613 | 02 | 5 |
| | 550 | 59655 | 535 | 59665 | 505 | 61661 | | | 02 | 5 |
| 145 | 675 | 02523 | 630 | 51513 | 579 | 56553 | 522 | 60602 | 02 | 8 |
| | 512 | 61634 | 489 | 61653 | 468 | 63652 | | | 02 | 8 |
| 190 | 476 | 63699 | 396 | 72788 | 295 | 87922 | 250 | 96*** | 02 | 8 |
| | 183 | 07 0 | 141 | 09 7 | 045 | 08**0 | | | 02 | 8 |
| 510 | 632 | 02583 | 591 | 00640 | 528 | 55697 | 493 | 61731 | 02 | 5 |
| | 431 | 67795 | 421 | 70821 | 388 | 73844 | | | 02 | 5 |
| 645 | 720 | 06734 | 625 | 00782 | 514 | 57848 | 468 | 62880 | 02 | 8 |
| | 384 | 75985 | 312 | 89104 | | | | | 02 | 8 |
| 08 | | | | | | | | | | |
| 509 | 290 | 90941 | 240 | 98999 | 230 | 97999 | 105 | 15992 | 03 | 1 |
| 521 | 536 | 50705 | 400 | 68836 | 172 | 09993 | 160 | 09997 | 14 | 8 |
| | 125 | 18998 | 056 | 11991 | | | | | 14 | 8 |
| 536 | 160 | 14995 | 122 | 16996 | 054 | 04992 | | | 14 | 8 |
| 10 | | | | | | | | | | |
| 384 | 225 | 90972 | 225 | 98990 | 210 | 01995 | 096 | 98999 | 03 | 5 |
| | 070 | 00990 | | | | | | | 03 | 5 |
| 419 | 242 | 52 0 | | | | | | | 02 | 2 |
| 633 | 510 | 60623 | 454 | 65765 | 414 | 68693 | 400 | 70712 | 03 | 5 |
| | 264 | 90951 | 188 | 03990 | 175 | 01998 | 149 | 05992 | 03 | 5 |
| | 128 | 03994 | 055 | 02991 | | | | | 03 | 5 |
| 866 | 358 | 77891 | 225 | 02993 | 204 | 05998 | 175 | 06991 | 03 | 5 |
| 11 | | | | | | | | | | |
| 030 | 400 | 74764 | 370 | 77817 | 334 | 81924 | 284 | 90**0 | 03 | 5 |
| | 210 | 03 4 | 175 | 05 4 | | | | | 03 | 5 |
| 567 | 128 | 00993 | 083 | 02995 | 040 | 98990 | | | 05 | 5 |
| 47 | | | | | | | | | | |
| 401 | 101 | 58 | | | | | | | 04 | 1 |
| 412 | 101 | 58 | | | | | | | 03 | 1 |
| 580 | 150 | 06993 | 090 | 01991 | 101 | 59*** | | | 03 | 1 |
| 600 | 214 | 88993 | 133 | 06990 | 117 | 07998 | 092 | 08995 | 03 | 1 |
| | 065 | 04994 | | | | | | | 04 | 1 |
| 635 | 134 | 13997 | 065 | 10991 | 101 | 58*** | | | 03 | 1 |
| 671 | 485 | 54990 | 430 | 61783 | 400 | 64736 | 366 | 67750 | 03 | 1 |
| | 350 | 70842 | 306 | 77990 | 101 | 55*** | | | 03 | 1 |
| 744 | 227 | 91990 | 160 | 07790 | 115 | 16992 | 101 | 58*** | 03 | 1 |
| 60 | | | | | | | | | | |
| 120 | 400 | 72990 | | | | | | | 03 | 6 |
| 390 | 579 | 56716 | 452 | 69861 | 291 | 90111 | 207 | 00110 | 02 | 5 |
| | 186 | 01114 | 164 | 06110 | | | | | 02 | 5 |
| 61 | | | | | | | | | | |
| 642 | 427 | 62715 | 346 | 72787 | 312 | 78994 | 166 | 09**0 | 07 | 5 |
| 62 | | | | | | | | | | |
| 053 | 075 | 08 0 | | | | | | | 02 | 7 |
| 70 | | | | | | | | | | |
| 026 | 167 | 00995 | 127 | 97994 | | | | | 03 | 1 |
| 200 | 400 | 82903 | 350 | 90983 | 246 | 04991 | 114 | 97990 | 03 | 1 |
| 291 | 104 | 97995 | | | | | 276 | 00990 | 03 | 1 |
| 350 | 380 | 86995 | 340 | 90990 | | | | | 03 | 1 |
| | 144 | 91990 | 030 | 92996 | | | | | 03 | 1 |
| 72 | | | | | | | | | | |
| 202 | 510 | 56667 | 498 | 58742 | 400 | 67999 | 285 | 87994 | 03 | 1 |
| | 137 | 19999 | | | | | | | 03 | 1 |
| 211 | 557 | 52676 | 543 | 53648 | 536 | 53706 | 508 | 57651 | 03 | 1 |
| | 496 | 58733 | 478 | 59659 | 439 | 64753 | 400 | 69791 | 03 | 1 |
| | 277 | 88943 | 140 | 21998 | 113 | 25993 | 091 | 19990 | 03 | 1 |
| 219 | 138 | 21994 | 121 | 23992 | | | | | 03 | 1 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 231 | 125 | 22990 | 075 | 16992 | | | | | 03 | 1 |
| 240 | 125 | 24991 | 048 | 08993 | | | | | 03 | 1 |
| 250 | 175 | 11995 | | | | | | | 03 | 1 |
| 253 | 135 | 18990 | | | | | | | 03 | 1 |
| 259 | 444 | 60726 | 400 | 66785 | 305 | 81875 | 257 | 89995 | 03 | 1 |
| | 172 | 09991 | 101 | 58 | | | | | 03 | 1 |
| 317 | 376 | 72773 | 364 | 73839 | 343 | 77893 | 268 | 90981 | 03 | 1 |
| | 136 | 17997 | | | | | | | 03 | 1 |
| 340 | 256 | 90990 | 124 | 19996 | 070 | 11996 | | | 03 | 1 |
| 353 | 148 | 16990 | 118 | 20990 | | | | | 03 | 1 |
| 386 | 400 | 69812 | 158 | 16996 | | | | | 03 | 1 |
| 394 | 258 | 94994 | | | | | | | 03 | 1 |
| 405 | 270 | 88912 | 103 | 19995 | 085 | 13994 | | | 03 | 1 |
| 445 | 145 | 17994 | 129 | 18997 | 105 | 16992 | | | 03 | 1 |
| 451 | 124 | 20999 | 083 | 16992 | | | | | 03 | 1 |
| 493 | 400 | 72990 | 128 | 13992 | | | | | 03 | 1 |
| 518 | 400 | 65706 | 250 | 90941 | 169 | 08996 | 123 | 16995 | 03 | 1 |
| | 097 | 18995 | | | | | | | 03 | 1 |
| 520 | 442 | 64693 | 400 | 68766 | 352 | 74839 | 268 | 89932 | 03 | 1 |
| | 140 | 15994 | 090 | 15992 | | | | | 03 | 1 |
| 528 | 311 | 80849 | 273 | 88971 | 164 | 12998 | 115 | 17998 | 03 | 1 |
| | 102 | 16999 | | | | | | | 03 | 1 |
| 534 | 400 | 68786 | 262 | 90001 | 138 | 18991 | 063 | 06995 | 03 | 1 |
| 536 | 423 | 66823 | 400 | 67998 | 266 | 90990 | 144 | 19993 | 03 | 1 |
| | 123 | 20998 | | | | | | | 03 | 1 |
| 553 | 400 | 70826 | 344 | 79905 | 325 | 84992 | 303 | 83998 | 03 | 1 |
| | 263 | 89992 | 154 | 14997 | 116 | 16994 | 108 | 15995 | 03 | 1 |
| 568 | 400 | 69995 | 267 | 90990 | 133 | 17995 | 114 | 15997 | 03 | 1 |
| | 103 | 19993 | 060 | 07998 | | | | | 03 | 1 |
| 597 | 237 | 98999 | 124 | 11996 | 097 | 09991 | | | 03 | 1 |
| 606 | 255 | 90990 | 184 | 07994 | 140 | 15990 | | | 03 | 1 |
| 712 | 400 | 66794 | 318 | 78901 | 260 | 88937 | 175 | 11995 | 03 | 1 |
| | 088 | 11994 | | | | | | | 04 | 1 |
| 734 | 101 | 68 | 052 | 50 | 101 | 50*** | | | 03 | 1 |
| 747 | 146 | 08995 | 116 | 07991 | | | | | 03 | 1 |
| 764 | 228 | 00990 | 175 | 03991 | | | | | 04 | 1 |
| 768 | 301 | 89995 | 142 | 06994 | 105 | 07998 | 092 | 05996 | 03 | 1 |
| 775 | 134 | 08999 | 066 | 05996 | | | | | 03 | 1 |
| 785 | 212 | 02993 | 085 | 07993 | 044 | 02992 | | | 03 | 1 |
| 798 | 303 | 90990 | 187 | 09990 | 117 | 07994 | | | 03 | 1 |
| 816 | 274 | 90990 | 184 | 02994 | 101 | 55*** | | | 03 | 1 |
| 826 | 345 | 77894 | 191 | 06990 | 172 | 06999 | | | 03 | 1 |
| 906 | 330 | 90940 | 285 | 96983 | 235 | 92994 | 163 | 94993 | 03 | 1 |
| | 101 | 58 | | | | | | | | |
| 76 | | | | | | | | | | |
| 491 | 441 | 64772 | 417 | 66757 | 400 | 69817 | 287 | 89945 | 02 | 1 |
| | 161 | 16893 | 123 | 23994 | 087 | 18994 | | | 02 | 1 |
| 644 | 595 | 51592 | 545 | 54674 | 528 | 55659 | 480 | 60703 | 03 | 1 |
| | 400 | 69842 | 276 | 89001 | 134 | 10993 | 077 | 17997 | 03 | 1 |
| 78 | | | | | | | | | | |
| 016 | 295 | 86990 | 140 | 16999 | 050 | 06999 | | | 09 | 1 |
| 395 | 272 | 88996 | | | | | | | 09 | 1 |
| 501 | 589 | 50709 | 546 | 53729 | 535 | 55661 | 493 | 58742 | 03 | 1 |
| | 400 | 70829 | 278 | 90010 | 116 | 22997 | 110 | 19998 | 03 | 1 |
| 806 | 250 | 89843 | 166 | 11990 | | | | | 09 | 1 |
| 91 | | | | | | | | | | |
| 066 | 400 | 69993 | 286 | 90990 | 170 | 12998 | 129 | 14999 | 03 | 1 |
| | 084 | 11992 | | | | | | | 03 | 1 |
| 115 | 274 | 90962 | 172 | 15900 | 135 | 22998 | 122 | 22990 | 03 | 1 |
| 182 | 686 | 09634 | 400 | 69990 | 264 | 90990 | 157 | 16991 | 03 | 1 |
| | 118 | 21996 | 067 | 15991 | | | | | 03 | 1 |
| 845 | 648 | 08667 | 446 | 60746 | 400 | 68800 | | | 03 | 1 |
| 875 | 185 | 06999 | 101 | 58 | | | | | 03 | 1 |
| 366 | 250 | 86994 | 160 | 08992 | 101 | 59*** | | | 03 | 2 |
| 98 | | | | | | | | | | |
| 645 | 110 | 27994 | | | | | | | 03 | 8 |
| 9LL | | OCEAN | STA | | | | | | | |
| 034 | 784 | 10604 | 748 | 10606 | 621 | 01693 | 603 | 01992 | 03 | 9 |
| | 275 | 90990 | 108 | 18991 | 089 | 15993 | | | 03 | 9 |
| 035 | 590 | 00710 | 574 | 00691 | 400 | 70733 | 280 | 90983 | 03 | 9 |
| | 160 | 11992 | 140 | 11990 | 107 | 16994 | 062 | 09994 | 03 | 9 |
| 041 | 157 | 13990 | 134 | 12997 | 128 | 14990 | 035 | 04994 | 02 | 5 |
| 044 | 400 | 71993 | 388 | 73871 | 338 | 82890 | 324 | 83945 | 03 | 9 |
| | 294 | 88966 | 120 | 09999 | 070 | 06996 | | | 03 | 9 |
| 053 | 255 | 01994 | 080 | 97995 | | | | | 03 | 9 |
| 055 | 324 | 90990 | 230 | 05999 | 205 | 98995 | 101 | 68*** | 03 | 9 |
| | 040 | 32 | | | | | | | 03 | 9 |
| 063 | 469 | 76848 | 400 | 85939 | 365 | 90973 | 268 | 03997 | 03 | 9 |
| | 075 | 97992 | 101 | 67 | 026 | 19*** | | | 03 | 9 |
| 134 | 560 | 51697 | 400 | 69995 | 338 | 80912 | 281 | 89951 | 03 | 9 |
| | 142 | 16998 | 093 | 20992 | 036 | 01991 | | | 03 | 9 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 01 | | | | | | | | | | |
| 030 | 178 | 05 0 | 150 | 05 0 | | | | | 03 | 5 |
| 384 | 743 | 51547 | 711 | 55561 | 705 | 54555 | 400 | 85889 | 03 | 5 |
| | 273 | 06 | 195 | 95 | 084 | 96*** | | | 03 | 5 |
| 415 | 114 | 95997 | | | | | | | 03 | 8 |
| 02 | | | | | | | | | | |
| 057 | 196 | 95994 | | | | | | | 03 | 8 |
| 084 | 267 | 03998 | 249 | 97994 | 224 | 94999 | | | 03 | 8 |
| 03 | | | | | | | | | | |
| 171 | 042 | 43 0 | | | | | | | 02 | 7 |
| 743 | 206 | 27 0 | 183 | 27 0 | 160 | 33**0 | 085 | 39**0 | 02 | 2 |
| 953 | 416 | 93 0 | 220 | 35 0 | 178 | 30**0 | | | 03 | 2 |
| 04 | | | | | | | | | | |
| 202 | 157 | 93991 | | | | | | | 03 | 1 |
| 231 | 214 | 96995 | 104 | 93995 | | | | | 09 | 1 |
| 270 | 101 | 58 | | | | | | | 09 | 1 |
| 06 | | | | | | | | | | |
| 260 | 507 | 71853 | 495 | 72878 | 408 | 81*** | 320 | 88*** | 03 | 8 |
| | 308 | 88 | | | | | | | 03 | 8 |
| 447 | 460 | 66334 | 225 | 05 4 | 198 | 09**0 | 180 | 03**4 | 03 | 8 |
| 610 | 612 | 52734 | 559 | 54757 | 354 | 75895 | 351 | 93**1 | 05 | 5 |
| | 186 | 07 0 | 161 | 02 0 | 151 | 02**4 | | | 05 | 5 |
| 07 | | | | | | | | | | |
| 110 | 430 | 71803 | 360 | 80891 | 308 | 89981 | 254 | 01**4 | 02 | 5 |
| | 198 | 13 0 | 170 | 15 0 | 150 | 15**0 | | | 02 | 5 |
| 145 | 550 | 55825 | 676 | 63883 | 630 | 67893 | 300 | 89072 | 02 | 8 |
| | 267 | 97110 | 224 | 05114 | 190 | 14110 | | | 02 | 8 |
| 190 | 560 | 59781 | 488 | 64770 | 380 | 76889 | 314 | 8596* | 03 | 8 |
| | 267 | 94 4 | 178 | 05 4 | 129 | 05**5 | | | 03 | 8 |
| 480 | 163 | 06 0 | 147 | 04 4 | 129 | 04**4 | 123 | 07**0 | 02 | 8 |
| | 086 | 08 7 | 071 | 06 7 | | | | | 02 | 8 |
| 510 | 600 | 51617 | 500 | 60691 | 480 | 61701 | 412 | 59782 | 02 | 5 |
| | 376 | 75842 | 346 | 78876 | 280 | 90993 | | | 02 | 5 |
| 645 | 750 | 10034 | 716 | 07515 | 668 | 05543 | 630 | 02583 | 08 | 8 |
| | 617 | 00604 | 574 | 51615 | | | | | 02 | 8 |
| 08 | | | | | | | | | | |
| 521 | 574 | 01691 | 400 | 70855 | 260 | 91998 | 120 | 17990 | 14 | 8 |
| | 110 | 16999 | 077 | 10997 | 066 | 14991 | | | 14 | 8 |
| 536 | 063 | 07997 | | | | | | | 14 | 8 |
| 10 | | | | | | | | | | |
| 384 | 345 | 89996 | 282 | 97992 | 225 | 92997 | 096 | 98992 | 03 | 5 |
| | 077 | 98992 | | | | | | | 03 | 5 |
| 419 | 210 | 51 0 | | | | | | | 02 | 2 |
| 633 | 379 | 77990 | 291 | 89999 | 220 | 02991 | 090 | 97992 | 03 | 5 |
| | 035 | 87990 | | | | | | | 03 | 5 |
| 866 | 225 | 01992 | 200 | 00990 | 181 | 03997 | 150 | 00996 | 03 | 5 |
| | 115 | 03990 | | | | | | | 03 | 5 |
| 11 | | | | | | | | | | |
| 030 | 246 | 98 7 | 215 | 00 0 | | | | | 03 | 5 |
| 16 | | | | | | | | | | |
| 596 | 222 | 51 0 | | | | | | | 02 | 2 |
| 17 | | | | | | | | | | |
| 606 | 082 | 97 0 | | | | | | | 02 | 7 |
| 47 | | | | | | | | | | |
| 401 | 087 | 05999 | 101 | 55 | | | | | 03 | 1 |
| 412 | 400 | 59751 | 359 | 64731 | 283 | 76902 | 217 | 88032 | 03 | 1 |
| | 163 | 00990 | 123 | 08998 | 101 | 58*** | | | 03 | 1 |
| 580 | 267 | 83991 | 101 | 59 | | | | | 03 | 1 |
| 590 | 400 | 66738 | 239 | 85998 | 161 | 06991 | 120 | 10998 | 03 | 1 |
| | 064 | 06993 | | | | | | | 03 | 1 |
| 600 | 177 | 08996 | 139 | 12995 | 101 | 58*** | | | 03 | 1 |
| 635 | 090 | 17990 | | | | | | | 03 | 1 |
| 646 | 219 | 90993 | 173 | 05990 | 141 | 10999 | 120 | 12995 | 03 | 1 |
| | 079 | 11997 | | | | | | | 03 | 1 |
| 671 | 513 | 53745 | 456 | 58995 | 400 | 63805 | 389 | 17741 | 05 | 1 |
| | 354 | 16775 | 256 | 85952 | 101 | 58*** | | | 05 | 1 |
| 778 | 227 | 90990 | 101 | 58 | | | | | 03 | 1 |
| 808 | 101 | 59 | | | | | | | 03 | 1 |
| 827 | 185 | 96997 | 101 | 58 | | | | | 03 | 1 |
| 60 | | | | | | | | | | |
| 120 | 538 | 57994 | | | | | | | 03 | 6 |
| 390 | 583 | 52707 | 570 | 55723 | 554 | 55742 | 400 | 72907 | 02 | 5 |
| | 356 | 81970 | 312 | 86015 | 267 | 91110 | | | 02 | 5 |
| 70 | | | | | | | | | | |
| 026 | 400 | 79928 | 321 | 89004 | 215 | 07997 | 124 | 97996 | 03 | 1 |
| 200 | 353 | 90001 | 235 | 05990 | 180 | 96992 | | | 03 | 1 |
| 204 | 236 | 06996 | 086 | 96998 | | | | | 03 | 1 |
| 231 | 240 | 05992 | 122 | 94990 | | | | | 03 | 1 |
| 350 | 531 | 69765 | 494 | 73799 | 440 | 80882 | 400 | 85996 | 03 | 1 |
| | 363 | 89990 | 256 | 00992 | 198 | 92992 | | | 03 | 1 |
| 398 | 088 | 65 | 053 | 50 | | | | | 03 | 1 |
| 409 | 300 | 84904 | 290 | 84995 | 269 | 90990 | 229 | 96992 | 03 | 1 |
| 439 | 906 | 97823 | 438 | 64868 | 400 | 68784 | 365 | 72797 | 03 | 1 |
| | 262 | 90970 | 129 | 92995 | 129 | 98999 | | | 03 | 1 |
| 454 | 101 | 58 | | | | | | | 03 | 1 |
| 72 | | | | | | | | | | |
| 208 | 622 | 02554 | 558 | 53612 | 526 | 55730 | 420 | 67848 | 03 | 1 |
| | 400 | 69784 | 101 | 68 | 084 | 73*** | 363 | 75820 | 03 | 1 |
| | 356 | 76873 | 333 | 80853 | 280 | 90002 | 132 | 23990 | 03 | 1 |
| | 090 | 14997 | | | | | | | 03 | 1 |
| 219 | 539 | 53723 | 400 | 69992 | 167 | 14998 | 117 | 21998 | 03 | 1 |
| | 091 | 15995 | 088 | 17991 | | | | | 03 | 1 |
| 231 | 270 | 88948 | 135 | 21993 | 105 | 21990 | | | 03 | 1 |
| 240 | 351 | 75992 | 279 | 89999 | 143 | 21993 | 120 | 23995 | 03 | 1 |
| | 101 | 68039 | 101 | 65039 | | | | | 03 | 1 |
| 250 | 215 | 01993 | | | | | | | 03 | 1 |
| 253 | 560 | 01675 | 400 | 67829 | 116 | 22997 | | | 03 | 1 |
| 259 | 142 | 16990 | | | | | | | 03 | 1 |
| 265 | 400 | 67795 | 256 | 90002 | 120 | 22999 | 092 | 21991 | 03 | 1 |
| 278 | 265 | 89004 | 133 | 22999 | | | | | 04 | 1 |
| 304 | 129 | 17998 | | | | | | | 03 | 1 |

## RADIOSONDE AND RAWINSONDE DATA. SIGNIFICANT LEVELS

| Index No. iii | 1st. 5th. etc. Level PPP | TTTTTddx | 2nd. 6th. etc. Level PPP | TTTTTddx | 3rd. 7th. etc. Level PPP | TTTTTddx | 4th. 8th. etc. Level PPP | TTTTTddx | Hour GG | Code Type |
|---|---|---|---|---|---|---|---|---|---|---|
| 317 | 126 | 19990 | | | | | | | 03 | 1 |
| 340 | 266 | 90990 | 146 | 16990 | | | | | 03 | 1 |
| 386 | 150 | 57992 | | | | | | | 03 | 1 |
| 394 | 400 | 70737 | 284 | 88919 | 155 | 14992 | 114 | 19995 | 03 | 1 |
| 405 | 359 | 72854 | 260 | 88988 | 166 | 11995 | 105 | 19994 | 03 | 1 |
| | 025 | 00995 | | | | | | | 03 | 1 |
| 445 | 110 | 17994 | | | | | | | 03 | 1 |
| 451 | 400 | 68990 | 144 | 21990 | 128 | 22992 | | | 03 | 1 |
| 476 | 104 | 19995 | | | | | | | 03 | 1 |
| 493 | 794 | 15005 | 768 | 16558 | 605 | 02653 | 505 | 59741 | 03 | 1 |
| | 493 | 59995 | 400 | 71998 | 160 | 10990 | 105 | 15996 | 03 | 1 |
| | 055 | 06997 | | | | | | | 03 | 1 |
| 506 | 259 | 90990 | 142 | 15998 | 088 | 13990 | | | 04 | 1 |
| 518 | 400 | 67712 | 381 | 68778 | 258 | 90981 | 136 | 17991 | 03 | 1 |
| | 113 | 15999 | | | | | | | 03 | 1 |
| 520 | 275 | 87951 | 137 | 17995 | 116 | 15992 | | | 03 | 1 |
| 528 | 476 | 57679 | 400 | 64818 | 346 | 73994 | 308 | 80935 | 03 | 1 |
| | 270 | 87976 | 179 | 09996 | | | | | 03 | 1 |
| 553 | 141 | 17999 | 134 | 18998 | 056 | 08997 | | | 03 | 1 |
| 562 | 560 | 51728 | 400 | 69991 | 272 | 90990 | 137 | 19993 | 03 | 1 |
| | 072 | 10996 | | | | | | | 03 | 1 |
| 597 | 294 | 89999 | 247 | 00990 | 178 | 06994 | 166 | 06990 | 03 | 1 |
| 600 | 100 | 15106 | 791 | 13096 | 721 | 08518 | 673 | 05508 | 03 | 1 |
| | 563 | 52621 | 526 | 56633 | 467 | 61693 | 400 | 69783 | 03 | 1 |
| | 138 | 13998 | 117 | 14991 | 101 | 58*** | | | 03 | 1 |
| 606 | 122 | 18998 | 093 | 14990 | | | | | 03 | 1 |
| 655 | 355 | 80990 | 268 | 89995 | 147 | 06995 | 068 | 05990 | 03 | 1 |
| 662 | 494 | 60682 | 481 | 61783 | 400 | 72995 | 293 | 89990 | 03 | 1 |
| | 184 | 03993 | 148 | 10996 | 124 | 10996 | | | 03 | 1 |
| 681 | 119 | 12996 | 080 | 08998 | | | | | 03 | 1 |
| 712 | 351 | 75824 | 260 | 89007 | 166 | 10991 | 140 | 11991 | 03 | 1 |
| | 127 | 14996 | 115 | 11990 | | | | | 03 | 1 |
| 734 | 400 | 69812 | 332 | 78845 | 265 | 90952 | 122 | 13990 | 03 | 1 |
| | 103 | 10994 | | | | | | | 03 | 1 |
| 747 | 150 | 02992 | | | | | | | 03 | 1 |
| 764 | 232 | 00992 | 115 | 08996 | 096 | 07996 | | | 03 | 1 |
| 768 | 218 | 08998 | 082 | 06990 | | | | | 04 | 1 |
| 798 | 295 | 90990 | 185 | 09998 | 114 | 07996 | | | 03 | 1 |
| 807 | 290 | 84990 | | | | | | | 02 | 1 |
| 815 | 533 | 00992 | 400 | 67996 | 270 | 90990 | 263 | 91992 | 03 | 1 |
| | 101 | 55 | | | | | | | 03 | 1 |
| 816 | 257 | 92994 | 101 | 55 | | | | | 03 | 1 |
| 836 | 588 | 57617 | 400 | 78821 | 317 | 90941 | 270 | 88958 | 03 | 1 |
| | 127 | 04995 | 114 | 04993 | 101 | 58*** | | | 03 | 1 |
| 867 | 075 | 97995 | | | | | | | 03 | 1 |
| 879 | 079 | 00990 | 101 | 58 | | | | | 03 | 1 |
| 896 | 310 | 89968 | 208 | 10994 | 101 | 47*** | | | 03 | 1 |
| 907 | 276 | 01994 | 266 | 02990 | 220 | 96997 | 082 | 00990 | 03 | 1 |
| | 053 | 98997 | | | | | | | 03 | 1 |
| 909 | 347 | 90990 | 270 | 01990 | 230 | 02997 | 137 | 96998 | 03 | 1 |
| | 101 | 55 | | | | | | | 03 | 1 |
| 913 | 343 | 90983 | 310 | 95997 | | | | | 03 | 1 |
| 934 | 215 | 00990 | 056 | 96993 | 101 | 58*** | | | 03 | 1 |
| 945 | 358 | 87950 | 258 | 97998 | 242 | 94999 | 188 | 92990 | 03 | 1 |
| | 130 | 95994 | 120 | 93992 | 081 | 92996 | 101 | 58*** | 03 | 1 |
| 964 | 101 | 58 | | | | | | | 03 | 1 |
| 74 | | | | | | | | | | |
| 090 | 333 | 90953 | 219 | 08995 | | | | | 03 | 1 |
| 109 | 252 | 95995 | 101 | 55 | | | | | 03 | 1 |
| 188 | 101 | 55 | | | | | | | 03 | 1 |
| 76 | | | | | | | | | | |
| 458 | 400 | 68759 | 362 | 73774 | 270 | 90932 | 192 | 06998 | 02 | 1 |
| 491 | 551 | 54642 | 539 | 54619 | 512 | 56688 | 487 | 59679 | 02 | 1 |
| | 101 | 42 | | | | | | | 02 | 1 |
| 644 | 400 | 70733 | 278 | 89962 | 179 | 11995 | 111 | 22897 | 03 | 1 |
| 679 | 168 | 13997 | 101 | 67 | 051 | 48*** | | | 03 | 1 |
| 78 | | | | | | | | | | |
| 016 | 210 | 06990 | 165 | 13993 | | | | | 03 | 1 |
| 501 | 170 | 15996 | 121 | 21995 | | | | | 03 | 1 |
| 972 | 101 | 58 | | | | | | | 03 | 1 |
| 91 | | | | | | | | | | |
| 066 | 400 | 74992 | 308 | 90990 | 244 | 98996 | 162 | 10992 | 03 | 1 |
| | 126 | 13995 | | | | | | | 03 | 1 |
| 115 | 173 | 90990 | 170 | 10998 | 100 | 18993 | 101 | 58*** | 03 | 1 |
| 182 | 568 | 03682 | 400 | 68766 | | | | | 03 | 1 |
| 245 | 026 | 96991 | | | | | | | 03 | 1 |
| 98 | | | | | | | | | | |
| 645 | 260 | 89948 | 125 | 24990 | | | | | 03 | 8 |
| 9LL | | OCEAN | STA | | | | | | | |
| 035 | 357 | 76803 | 347 | 76856 | 276 | 90983 | 218 | 02990 | 03 | 9 |
| | 103 | 17990 | 064 | 10990 | | | | | 03 | 9 |
| 037 | 061 | 09992 | | | | | | | 03 | 9 |
| 044 | 638 | 02557 | 615 | 01613 | 602 | 00586 | 548 | 53691 | 03 | 9 |
| | 536 | 54609 | 478 | 59664 | 466 | 60705 | 447 | 63675 | 03 | 9 |
| | 400 | 67747 | 276 | 88909 | 147 | 16995 | 140 | 13998 | 03 | 9 |
| 051 | 197 | 45 | 144 | 42 0 | 113 | 40**0 | 069 | | 02 | 2 |
| | 046 | 45 0 | | | | | | | 02 | 2 |
| 055 | 619 | 53681 | 540 | 60753 | 400 | 74994 | 306 | 90990 | 05 | 9 |
| | 352 | | | | | | | | 05 | 9 |
| 062 | 097 | 46 0 | | | | | | | 02 | 2 |
| 133 | 175 | 03997 | | | | | | | 04 | 9 |
| 134 | 385 | 72863 | 175 | 10999 | 093 | 18991 | 030 | 02990 | 03 | 9 |
| 143 | 101 | 68 | 066 | 47 | 040 | 30*** | | | 03 | 9 |
| 215 | 604 | 06751 | 508 | 02997 | 548 | 50808 | | 55601 | 03 | 6 |
| | 400 | 814 | 400 | 64754 | 101 | 59*** | | | 03 | 6 |
| 846 | 670 | 05612 | 595 | 58996 | 473 | 59994 | 400 | 67998 | 03 | 9 |

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| Index No. iii | 1st. 5th. etc. Level PPP | TTTTTddx | 2nd. 6th. etc. Level PPP | TTTTTddx | 3rd. 7th. etc. Level PPP | TTTTTddx | 4th. 8th. etc. Level PPP | TTTTTddx | Hour GG | Code Type |
|---|---|---|---|---|---|---|---|---|---|---|
| 01 | | | | | | | | | | |
| 001 | 400 | 91979 | 380 | 94996 | 364 | 95993 | 340 | 97999 | 03 | 8 |
| | 325 | 98992 | 312 | 99999 | 280 | 00998 | | | 03 | 8 |
| 030 | 193 | 00 6 | 147 | 98 6 | | | | | 03 | 8 |
| 384 | 523 | 71781 | 400 | 84913 | 256 | 05*** | 228 | 06*** | 03 | 5 |
| | 189 | 96 | 120 | 97 | | | | | 03 | 5 |
| 02 | | | | | | | | | | |
| 084 | 328 | 90971 | 242 | 04995 | 214 | 07997 | | | 03 | 8 |
| 03 | | | | | | | | | | |
| 953 | 140 | 39 0 | 050 | 42 0 | | | | | 03 | 7 |
| 04 | | | | | | | | | | |
| 018 | 265 | 03996 | 216 | 95997 | 190 | 20844 | | | 03 | 1 |
| 802 | 345 | 95999 | 260 | 00990 | 220 | 93997 | 153 | 94990 | 03 | 1 |
| 270 | 175 | 97990 | 104 | 00994 | 190 | 10631 | 101 | 58*** | 04 | 1 |
| 06 | | | | | | | | | | |
| 180 | 536 | 65735 | 489 | 70789 | 443 | 07387 | 256 | 04990 | 03 | 5 |
| 260 | 463 | 65805 | 433 | 69804 | 318 | 90*** | | | 03 | 8 |
| 447 | 535 | 56654 | 205 | 06 5 | 195 | 07**2 | 155 | 02**0 | 03 | 8 |
| | 094 | 02 0 | 083 | 00 9 | 079 | 02**3 | | | 03 | 8 |
| 07 | | | | | | | | | | |
| 110 | 514 | 62670 | 460 | 67721 | 425 | 72762 | 343 | 83873 | 02 | 5 |
| | 305 | 90942 | 218 | 06 4 | 197 | 08**7 | | | 02 | 5 |
| 145 | 690 | 62757 | 668 | 68829 | 600 | 74917 | 271 | 95**1 | 02 | 8 |
| | 272 | 02 0 | 196 | 07 4 | 165 | 04**4 | | | 02 | 8 |
| 190 | 531 | 55636 | 440 | 63712 | 398 | 68761 | 321 | 7784* | 02 | 8 |
| | 237 | 88951 | 131 | 97 4 | 048 | 94**7 | | | 02 | 8 |
| 480 | 175 | 07 4 | 130 | 11 4 | 086 | 10**4 | | | 02 | 8 |
| 510 | 470 | 66773 | 450 | 68802 | 387 | 75861 | 364 | 80903 | 02 | 5 |
| | 310 | 89991 | 285 | 93 4 | 250 | 97**7 | | | 02 | 5 |
| 645 | 538 | 57844 | 505 | 62873 | 436 | 70942 | 398 | 73963 | 02 | 8 |
| | 375 | 78005 | 305 | 87085 | | | | | 02 | 8 |
| 10 | | | | | | | | | | |
| 122 | 364 | 81680 | 311 | 62500 | 291 | 59**0 | 276 | 51**0 | 08 | 2 |
| | 222 | 33 0 | 203 | 32 0 | | | | | 08 | 2 |
| 338 | 083 | 40 0 | | | | | | | 02 | 2 |
| 384 | 327 | 87942 | 232 | 06998 | 225 | 04994 | 150 | 00994 | 03 | 5 |
| 633 | 660 | 52584 | 640 | 52584 | 563 | 60742 | 400 | 80990 | 03 | 5 |
| | 350 | 90990 | 254 | 02995 | 224 | 03998 | 190 | 00998 | 03 | 5 |
| | 132 | 99995 | 090 | 96996 | 032 | 86990 | | | 03 | 5 |
| 866 | 400 | 24992 | 312 | 89993 | 251 | 00999 | 225 | 03993 | 03 | 5 |
| | 196 | 04996 | | | | | | | 03 | 5 |
| 11 | | | | | | | | | | |
| 030 | 587 | 58609 | 574 | 57604 | 435 | 72751 | 417 | 73807 | 03 | 5 |
| | 400 | 75808 | 217 | 04 5 | 145 | 02**2 | | | 03 | 5 |
| 567 | 192 | 99994 | | | | | | | 05 | 5 |
| 40 | | | | | | | | | | |
| 427 | 431 | 24780 | 315 | 93630 | 077 | 88**0 | 075 | 90**0 | 15 | 2 |
| 648 | 064 | 12 0 | | | | | | | 02 | 2 |
| 42 | | | | | | | | | | |
| 339 | 135 | 21 | 126 | 23 | | | | | 15 | 8 |
| 43 | | | | | | | | | | |
| 063 | 350 | 68 | 320 | 73 | | | | | 14 | 8 |
| 47 | | | | | | | | | | |
| 401 | 240 | 93998 | 211 | 01996 | 181 | 00990 | 140 | 02990 | 04 | 1 |
| | 101 | 54 | | | | | | | 04 | 1 |
| 580 | 400 | 59698 | 322 | 71824 | 247 | 84999 | 130 | 12995 | 03 | 1 |
| | 088 | 07996 | | | | | | | 03 | 1 |
| 600 | 192 | 06993 | 157 | 15998 | 093 | 15996 | 101 | 58*** | 03 | 1 |
| 646 | 053 | 97997 | | | | | | | 03 | 1 |
| 744 | | 87992 | 183 | 03997 | 101 | 55*** | | | 03 | 1 |
| 827 | 101 | 58 | | | | | | | 05 | 1 |
| 60 | | | | | | | | | | |
| 155 | 584 | 52684 | 550 | 55729 | 534 | 57729 | 514 | 58751 | 02 | 5 |
| | 500 | 58755 | 429 | 67846 | 392 | | 353 | 78942 | 02 | 5 |
| | 277 | 90 7 | 243 | 94 7 | | | | | 02 | 5 |
| 390 | 558 | 58681 | 526 | 58711 | 461 | 66812 | 424 | 71868 | 02 | 5 |
| | 380 | 75908 | | | | | | | 02 | 5 |
| 715 | 165 | 03 | | | | | | | 02 | 5 |
| 62 | | | | | | | | | | |
| 053 | 707 | 54170 | 636 | 46040 | 617 | 46010 | 536 | 32860 | 02 | 7 |
| | 518 | 32860 | 195 | 47 0 | | | | | 02 | 7 |
| 70 | | | | | | | | | | |
| 026 | 246 | 05995 | 116 | 95997 | | | | | 03 | 1 |
| 133 | 340 | 90990 | 231 | 07990 | 038 | 90998 | | | 03 | 1 |
| 200 | 180 | 97995 | | | | | | | 03 | 1 |
| 219 | 324 | 90996 | | | | | | | 03 | 1 |
| 273 | 103 | 95991 | | | | | | | 03 | 1 |
| 350 | 433 | 80897 | 400 | 84999 | 364 | 90990 | 282 | 98996 | 03 | 1 |
| | 214 | 91994 | | | | | | | 03 | 1 |
| 361 | 262 | 98999 | 090 | 96996 | | | | | 04 | 1 |
| 409 | 180 | 97990 | 100 | 98995 | | | | | 03 | 1 |
| 485 | 223 | 79999 | 166 | 81999 | | | | | 04 | 1 |
| 72 | | | | | | | | | | |
| 208 | 062 | 56 | | | | | | | 03 | 1 |
| 219 | 280 | 84959 | 255 | 89994 | 217 | 97998 | | | 03 | 1 |
| 231 | 132 | 20992 | | | | | | | 03 | 1 |

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| Index No. III | 1st. 5th. etc. Level PPP | TTTTT dd x | 2nd. 6th. etc. Level PPP | TTTTT dd x | 3rd. 7th. etc. Level PPP | TTTTT dd x | 4th. 8th. etc. Level PPP | TTTTT dd x | Hour G G | Code Type |
|---|---|---|---|---|---|---|---|---|---|---|
| 240 | 270 | 89958 | 164 | 16992 | 112 | 24998 | 054 | 08994 | 03 | 1 |
| 850 | 630 | 03654 | 605 | 01599 | 524 | 55695 | 517 | 56631 | 04 | 1 |
| | 476 | 60661 | 440 | 63764 | 400 | 68821 | 145 | 16996 | 04 | 1 |
| | 120 | 20998 | | | | | | | 04 | 1 |
| 253 | 270 | 88993 | | | | | | | 03 | 1 |
| 865 | 638 | 61755 | 400 | 66803 | 255 | 90971 | 126 | 23994 | 03 | 1 |
| | 088 | 20998 | | | | | | | 03 | 1 |
| 278 | 383 | 69801 | 255 | 90968 | 141 | 20996 | | | 03 | 1 |
| 304 | 274 | 88976 | 119 | 20998 | 104 | 19995 | | | 03 | 1 |
| 317 | 147 | 17994 | 118 | 16997 | | | | | 03 | 1 |
| 340 | 076 | 14993 | | | | | | | 03 | 1 |
| 353 | 268 | 90990 | 150 | 17992 | | | | | 03 | 1 |
| 365 | 341 | 74807 | 280 | 85907 | 257 | 90951 | 125 | 23994 | 03 | 1 |
| | 113 | 23997 | | | | | | | 03 | 1 |
| 386 | 375 | 72782 | 352 | 75884 | 271 | 89988 | 169 | 12996 | 03 | 1 |
| 394 | 168 | 06991 | | | | | | | 03 | 1 |
| 445 | 138 | 16999 | 067 | 08991 | | | | | 03 | 1 |
| 451 | 400 | 69746 | 373 | 71828 | 348 | 75829 | 266 | 90001 | 03 | 1 |
| | 148 | 19990 | 126 | 21997 | | | | | 03 | 1 |
| 486 | 146 | 18993 | | | | | | | 03 | 1 |
| 493 | 578 | 00531 | 538 | 53581 | 512 | 55725 | 400 | 67999 | 03 | 1 |
| | 136 | 14990 | | | | | | | 03 | 1 |
| 506 | 387 | 00568 | 472 | 59663 | 452 | 60783 | 400 | 65996 | 03 | 1 |
| | 254 | 89990 | 140 | 18990 | 123 | 17990 | | | 03 | 1 |
| 518 | 101 | 68 | 095 | 80 | | | | | 03 | 1 |
| 520 | 400 | 67995 | 362 | 73873 | 344 | 74837 | 266 | 88961 | 03 | 1 |
| | 144 | 17997 | 062 | 06991 | | | | | 03 | 1 |
| 528 | 350 | 75883 | 265 | 88925 | 168 | 11999 | 143 | 13995 | 03 | 1 |
| 534 | 108 | 13990 | | | | | | | 03 | 1 |
| 536 | 155 | 10998 | | | | | | | 03 | 1 |
| 553 | 400 | 73856 | 188 | 05999 | 123 | 15990 | 052 | 05996 | 03 | 1 |
| 568 | 400 | 73998 | 283 | 89998 | 137 | 13998 | | | 03 | 1 |
| 690 | 400 | 66759 | 139 | 15998 | 101 | 58*** | | | 03 | 1 |
| 655 | 590 | 53726 | 400 | 74885 | 312 | 88993 | 148 | 03996 | 03 | 1 |
| | 096 | 10990 | 075 | 04994 | | | | | 03 | 1 |
| 668 | 093 | 13992 | | | | | | | 03 | 1 |
| 712 | 366 | 53627 | 520 | 59638 | 508 | 60651 | 440 | 63724 | 03 | 1 |
| | 434 | 64692 | 400 | 68722 | 382 | 70739 | 334 | 74877 | 03 | 1 |
| | 257 | 88985 | 168 | 08994 | 118 | 12999 | 080 | 08992 | 03 | 1 |
| 734 | 337 | 90990 | 270 | 94996 | 224 | 94991 | 150 | 00992 | 03 | 1 |
| 747 | 210 | 08997 | 158 | 02993 | 101 | 65*** | 040 | 16*** | 03 | 1 |
| 764 | 068 | 05997 | | | | | | | 03 | 1 |
| 768 | 136 | 10990 | 074 | 06993 | | | | | 03 | 1 |
| 798 | 394 | 89996 | 110 | 08998 | 084 | 06990 | | | 03 | 1 |
| 815 | 272 | 88998 | 101 | 55 | | | | | 03 | 1 |
| 816 | 174 | 01996 | 110 | 04997 | 101 | 58*** | | | 03 | 1 |
| 826 | 325 | 89993 | 225 | 98991 | | | | | 03 | 1 |
| 836 | 400 | 79851 | 270 | 00990 | 250 | 01991 | 182 | 96991 | 03 | 1 |
| | 094 | 02993 | 101 | 58 | | | | | 03 | 1 |
| 879 | 101 | 47 | | | | | | | 03 | 1 |
| 896 | 140 | 04992 | 101 | 47 | | | | | 03 | 1 |
| 907 | 271 | 06994 | 246 | 09990 | 221 | 01991 | 187 | 98999 | 03 | 1 |
| | 044 | 00990 | | | | | | | 03 | 1 |
| 909 | 255 | 01998 | 101 | 55 | | | | | 03 | 1 |
| 913 | 438 | 74836 | 400 | 78996 | 225 | 07999 | 165 | 95995 | 03 | 1 |
| | 065 | 94998 | | | | | | | 03 | 1 |
| 915 | 580 | 63704 | 448 | 77874 | 400 | 83904 | 362 | 89930 | 03 | 1 |
| | 838 | 09990 | 183 | 98998 | 132 | 98995 | 120 | 95998 | 03 | 1 |
| | 070 | 97994 | | | | | | | 03 | 1 |
| 917 | 230 | 93996 | 172 | 91991 | 101 | 58*** | | | 03 | 1 |
| 945 | 242 | 01998 | 108 | 96990 | 101 | 58*** | | | 03 | 1 |
| 964 | 101 | 58 | | | | | | | 03 | 1 |
| | | | | | | | | | | |
| 74 | | | | | | | | | | |
| 078 | 360 | 89997 | 250 | 03991 | 132 | 92994 | | | 03 | 1 |
| 074 | | | | | 311 | 03992 | 144 | 91994 | 03 | 1 |
| 090 | 238 | 01994 | 055 | 99997 | | | | | 03 | 1 |
| 109 | 400 | 69775 | 282 | 02995 | 174 | 08999 | 060 | 98999 | 03 | 1 |
| | 101 | 47 | | | | | | | 03 | 1 |
| 188 | 156 | 09993 | 060 | 04994 | 101 | 58*** | | | 03 | 1 |
| | | | | | | | | | | |
| 76 | | | | | | | | | | |
| 491 | 518 | 60724 | 511 | 59674 | 467 | 64761 | 432 | 68808 | 02 | 1 |
| | 400 | 72785 | 366 | 77894 | 321 | 82996 | 280 | 89998 | 02 | 1 |
| | 164 | 16994 | | | | | | | 02 | 1 |
| 679 | 390 | 71825 | 350 | 77827 | 278 | 90963 | 173 | 11992 | 03 | 1 |
| | | | | | | | | | | |
| 78 | | | | | | | | | | |
| 325 | 126 | 23992 | 083 | 18995 | 070 | 12996 | | | 04 | 1 |
| 501 | 276 | 88004 | 157 | 17998 | 131 | 23999 | 103 | 25997 | 03 | 1 |
| | 095 | 23993 | | | | | | | 03 | 1 |
| 585 | 104 | 25992 | 072 | 13997 | | | | | 03 | 1 |
| | | | | | | | | | | |
| 91 | | | | | | | | | | |
| 056 | 278 | 90990 | 174 | 10998 | 070 | 10995 | | | 03 | 1 |
| 115 | 408 | 69706 | 278 | 89901 | 184 | 12993 | 130 | 26997 | 03 | 1 |
| | 101 | 58 | | | | | | | 03 | 1 |
| 182 | 535 | 00994 | 478 | 56726 | 431 | 62776 | 400 | 66998 | 03 | 1 |
| 215 | 101 | 58 | | | | | | | 03 | 1 |
| 245 | 400 | 69704 | 368 | 71757 | 260 | | 150 | 21993 | 03 | 1 |
| | 226 | 18995 | 046 | 05992 | 026 | 00997 | | | 03 | 1 |
| 366 | 101 | 55 | | | | | | | 03 | 1 |
| | | | | | | | | | | |
| 98 | | | | | | | | | | |
| 645 | 159 | 15994 | 107 | 30991 | 082 | 20990 | | | 03 | 8 |
| | | | | | | | | | | |
| 9LL | | OCEAN | STA | | | | | | | |
| | | | | | | | | | | |
| 035 | 097 | 17998 | 054 | 10998 | | | | | 03 | 9 |
| 037 | 150 | 14996 | 108 | 18998 | 090 | 08990 | | | 03 | 9 |
| 044 | 130 | 16994 | 070 | 08990 | | | | | 03 | 9 |
| 053 | 170 | 08995 | 080 | 03995 | | | | | 03 | 9 |
| 063 | 225 | 94998 | 080 | 97998 | | | | | 03 | 9 |
| 823 | 431 | 58 | 236 | 78 | 084 | 07*** | | | 03 | 1 |
| 835 | 155 | 07 | 112 | 07 | | | | | 03 | 1 |
| 846 | 320 | 78823 | 240 | 95997 | 101 | 53*** | | | 03 | 9 |