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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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| | 363 | 00 | 309 | 05 | 259 | 01*** | 243 | 02*** | 03 | 8 |
| | 218 | 00 | 171 | 06 | 155 | 02*** | | | 03 | 8 |
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| | | | | | | | | | 03 | 8 |
| 077 | 263 | 12998 | 207 | 08991 | 188 | 08999 | 157 | 05992 | 03 | 5 |
| | 105 | 10990 | 098 | 07990 | 080 | 09992 | | | 03 | 5 |
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| | 207 | 06993 | 200 | 06996 | 177 | 05991 | | | 03 | 8 |
| 836 | 212 | 01991 | 174 | 99998 | 142 | 02991 | 112 | 01996 | 03 | 7 |
| 974 | 434 | 85 9 | 244 | 08 8 | 231 | 04**6 | 101 | 04**6 | 03 | 2 |
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| | 142 | 46 0 | 126 | 36 0 | 084 | 26**0 | 063 | 26**0 | 03 | 2 |
| 026 | 183 | 44 0 | 092 | | | | | | 03 | 2 |
| 171 | 108 | 34 0 | 104 | 36 0 | | | | | 03 | 2 |
| 322 | 272 | 38 0 | 191 | 23 0 | 117 | 20**0 | 076 | 27**0 | 03 | 2 |
| | 065 | 25 0 | | | | | | | 03 | 2 |
| 743 | 168 | 14 0 | | | | | | | 03 | 2 |
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| 953 | 151 | 24 0 | 118 | 29 0 | 105 | 23**0 | 091 | 28**0 | 03 | 2 |
| | 079 | 29 0 | | | | | | | 03 | 2 |
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| | 412 | 80800 | 348 | 90 | 277 | 02*** | 222 | 12*** | 02 | 8 |
| | 195 | 76 | 162 | 20 | 139 | 17*** | 089 | 16*** | 02 | 8 |
| | 032 | 06 | 020 | 09 | | | | | 02 | 8 |
| 447 | 188 | 15 2 | 171 | 14 5 | 152 | 15**7 | 131 | 12**6 | 03 | 8 |
| | 119 | 14 0 | 096 | 10 3 | | | | | 03 | 8 |
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| 07 | | | | | | | | | | |
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| | 132 | 15 0 | 070 | 11 4 | 059 | 11**4 | | | 02 | 8 |
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| 190 | 640 | 59743 | 590 | 63781 | 550 | 67821 | 514 | 70834 | 02 | 8 |
| | 455 | 75884 | 350 | 82 4 | 268 | 06**4 | 209 | 08**7 | 02 | 8 |
| | 182 | 21 7 | 126 | 21 7 | 105 | 09**4 | | | 02 | 8 |
| 480 | 608 | 61724 | 546 | 69801 | 500 | 70812 | 446 | 76881 | 02 | 8 |
| | 366 | 88986 | 306 | 95 7 | 270 | 04**1 | 178 | 19**4 | 02 | 8 |
| | 130 | 20 4 | 117 | 20 0 | | | | | 02 | 8 |
| 510 | 600 | 58742 | 540 | 64805 | 493 | 68827 | 430 | 77904 | 02 | 5 |
| | 366 | 87972 | 334 | 93 0 | 270 | 05**1 | 200 | 16**4 | 02 | 5 |
| | 150 | 20 0 | 130 | 19 7 | 122 | 17**1 | | | 02 | 5 |
| 645 | 412 | 78011 | 355 | 82044 | 322 | 92**0 | 250 | 01**7 | 02 | 5 |
| | 220 | 07 4 | 195 | 15 7 | 176 | 14**7 | 151 | 17**1 | 02 | 5 |
| | 130 | 17 1 | 118 | 19 7 | 096 | 16**0 | 079 | 16**0 | 02 | 5 |
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| | 366 | 80848 | 307 | 90933 | 158 | 21993 | | | 14 | 8 |
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| 633 | 400 | 80900 | | | | | | | 03 | 5 |
| 866 | 524 | 69789 | 490 | 71838 | 350 | 88995 | 225 | 13990 | 03 | 5 |
| | 184 | 17996 | 165 | 13992 | | | | | 03 | 5 |
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| 030 | 250 | 05995 | 190 | 13990 | 139 | 05998 | 122 | 09996 | 03 | 5 |
| 567 | 129 | 06 | 110 | 09 | | | | | 03 | 5 |
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| 716 | 561 | 63643 | 457 | 73761 | 366 | 89602 | | | 03 | 1 |
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| 606 | 225 | 32 0 | 190 | 22 0 | 158 | 12**0 | 125 | 13**0 | 02 | |
| 21 | | | | | | | | | | |
| 802 | 270 | 06 | 228 | 06 | | | | | 03 | 5 |
| 882 | 479 | 81 | | | | | | | 02 | 5 |
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| 975 | 176 | 10 | | | | | | | 02 | 5 |
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| 165 | 301 | 00 | 220 | 12 | 185 | 13*** | | | 02 | 5 |
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| 580 | 372 | 49 | 332 | 96 | | | | | 02 | 5 |
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| 269 | 624 | 79828 | 575 | 81877 | | | | | 04 | 5 |
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| 427 | 128 | 11 0 | 123 | 13 0 | 119 | 11**0 | 105 | 09**0 | 02 | 5 |
| | 098 | 15 0 | 074 | 00 0 | 065 | 99**0 | 064 | 01**0 | 02 | 5 |
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| 909 | 350 | 79 | | | | | | | 14 | 1 |
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| 005 | 547 | 29970 | 487 | 20600 | 475 | 20600 | 417 | 09510 | 01 | 2 |
| | 235 | 58 0 | 136 | 19 0 | 114 | 12**0 | 094 | 12**0 | 01 | 2 |
| | 043 | 82 0 | 035 | 85 0 | | | | | 01 | 2 |
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| 208 | 205 | 06991 | 101 | 55 | 107 | 01*** | | | 04 | 1 |
| 401 | 431 | 82891 | 373 | 88998 | 347 | 90992 | 334 | 90992 | 03 | 1 |
| | 310 | 92994 | 256 | 03991 | 227 | 06996 | 194 | 06998 | 03 | 1 |
| 412 | 239 | 06997 | 171 | 09990 | 126 | 05995 | 100 | 99995 | 03 | 1 |
| 582 | 368 | 81993 | 340 | 85994 | 288 | 94993 | 207 | 13990 | 03 | 1 |
| | 183 | 12990 | 170 | 08998 | 135 | 08991 | 125 | 05997 | 03 | 1 |
| | 112 | 04990 | 108 | 02998 | 096 | 02998 | 101 | 58*** | 03 | 1 |
| 590 | 122 | 12990 | 102 | 04995 | 090 | 06995 | 080 | 06996 | 03 | 1 |
| | 060 | 05994 | | | | | | | 03 | 1 |
| 600 | 252 | 02992 | 214 | 09996 | 142 | 12999 | 122 | 12999 | 03 | 1 |
| | 192 | 19993 | | | | | | | 03 | 1 |
| 646 | 089 | 15996 | 080 | 12990 | 067 | 11990 | | | 03 | 1 |
| 671 | 550 | 62695 | 333 | 90990 | 200 | 17992 | 101 | 58*** | 05 | 1 |
| 744 | 357 | 82994 | 325 | 86993 | 275 | 96999 | 250 | 98999 | 04 | 1 |
| 778 | 252 | 10999 | 228 | 02993 | 175 | 07992 | 152 | 10990 | 03 | 1 |
| | 137 | 10999 | 101 | 58 | | | | | 03 | 1 |
| 808 | 657 | 63990 | 650 | 62992 | 584 | 64991 | 536 | 66994 | 09 | 1 |
| | 466 | 77993 | 363 | 90990 | 318 | 92990 | 217 | 03992 | 09 | 1 |
| | 205 | 03992 | 169 | 05998 | 157 | 05998 | | | 09 | 1 |
| | 101 | 58 | 101 | 01 | | | | | 09 | 1 |
| 827 | 328 | 84997 | 278 | 94997 | 159 | 08996 | 136 | 18994 | 03 | 1 |
| 931 | 204 | 03992 | 190 | 20965 | | | | | 09 | 1 |
| 60 | | | | | | | | | | |
| 120 | 698 | 03994 | 670 | 02995 | 437 | 72993 | 350 | 85990 | 03 | 6 |
| | 212 | 11993 | 183 | 15993 | 145 | 20992 | 120 | 18993 | 03 | 6 |
| | 110 | 19995 | | | | | | | 03 | 6 |
| 155 | 562 | 59750 | 540 | 55250 | 526 | 60802 | 512 | 61830 | 02 | 8 |
| | 484 | 67862 | 316 | 86000 | 216 | 07**7 | | | 02 | 8 |
| 390 | 498 | 65850 | 455 | 69916 | 388 | 82024 | 354 | 86060 | 02 | 5 |
| | 295 | 98 1 | 248 | 03 1 | 230 | 08**4 | 193 | 14**7 | 02 | 5 |
| | 163 | 17 4 | | | | | | | 02 | 5 |
| 625 | 578 | 55754 | 540 | 58772 | 320 | 88061 | 288 | 94**4 | 02 | 8 |
| 715 | 484 | 71822 | 356 | 88000 | 305 | 96**4 | 240 | 04**7 | 14 | 5 |
| | 174 | 09 7 | 165 | 07 0 | 152 | 09**7 | 104 | 09**7 | 14 | 5 |
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| 642 | 271 | 89990 | 194 | 05 4 | 131 | 18**7 | 086 | 21**1 | 07 | 5 |
| | 078 | 21 4 | | | | | | | 07 | 5 |
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| 026 | 112 | 00991 | | | | | | | 03 | 1 |
| 219 | 364 | 90990 | 236 | 03997 | 187 | 00993 | 172 | 96992 | 03 | 1 |
| 231 | 110 | 00990 | 076 | 07994 | 078 | 03993 | 045 | 08993 | 03 | 1 |
| | 040 | 06996 | | | | | | | 03 | 1 |
| 273 | 352 | 88996 | 272 | 95997 | 260 | 94990 | 250 | 95997 | 03 | 1 |
| | 170 | 94996 | 156 | 98995 | | | | | 03 | 1 |
| 291 | 159 | 95993 | 088 | 11994 | 074 | 07998 | 057 | 08993 | 03 | 1 |
| 308 | 542 | 63792 | 460 | 90983 | 193 | 17995 | 188 | 10997 | 03 | 1 |
| | 188 | 10997 | 179 | 06992 | 152 | 03999 | 118 | 08995 | 03 | 1 |
| | 056 | 06993 | | | | | | | 03 | 1 |
| 316 | 558 | 60997 | 334 | 90990 | 146 | 49977 | 130 | 07993 | 03 | 1 |
| 350 | 064 | 07990 | | | | | | | 03 | 1 |
| 381 | 122 | 00990 | 102 | 06996 | 090 | 03998 | | | 03 | 1 |
| 398 | 228 | 97999 | 177 | 00990 | | | | | 03 | 1 |
| 409 | 460 | 76814 | 355 | 89925 | 195 | 21991 | 137 | 96995 | 03 | 1 |
| | 030 | 02995 | | | | | | | 03 | 1 |
| 72 | | | | | | | | | | |
| 202 | 142 | 18994 | 085 | 23990 | 049 | 09992 | 037 | 05995 | 03 | 1 |
| 208 | 631 | 52992 | 556 | 57769 | 531 | 59724 | 439 | 70799 | 03 | 1 |
| | 400 | 76882 | 322 | 88007 | 165 | 17995 | 127 | 13992 | 03 | 1 |
| | 090 | 17990 | | | | | | | 03 | 1 |
| 211 | 400 | 74992 | 317 | 88993 | 113 | 22990 | 082 | 21993 | 03 | 1 |
| | 037 | 08998 | | | | | | | 03 | 1 |
| 219 | 349 | 83984 | 310 | 89004 | 157 | 19991 | | | 03 | 1 |
| 232 | 173 | 13996 | | | | | | | 03 | 1 |
| 240 | 400 | 75992 | 314 | 89998 | 092 | 22995 | 065 | 18992 | 03 | 1 |
| 250 | 621 | 02995 | 400 | 72992 | 101 | 68*** | 082 | 40*** | 03 | 1 |
| | 296 | 87999 | 186 | 11993 | 101 | 68*** | 040 | 30*** | 03 | 1 |
| 253 | 303 | 90990 | 078 | 21997 | 036 | 05994 | | | 03 | 1 |
| 265 | 190 | 12995 | | | | | | | 03 | 1 |
| 278 | 153 | 17990 | 138 | 14991 | 085 | 17995 | 068 | 16993 | 03 | 1 |
| 304 | 445 | 70843 | 400 | 75896 | 354 | 82952 | 313 | 89993 | 03 | 1 |
| | 202 | 12996 | 138 | 06994 | 075 | 08994 | | | 03 | 1 |
| 317 | 575 | 56657 | 400 | 76847 | 326 | 88979 | 188 | 15997 | 03 | 1 |
| | 137 | 14991 | 120 | 10995 | 095 | 09993 | 076 | 13991 | 03 | 1 |
| | 070 | 09997 | 058 | 10992 | | | | | 03 | 1 |
| 327 | 317 | 88001 | 162 | 17997 | 075 | 14994 | | | 03 | 1 |
| 340 | 320 | 87999 | 158 | 19990 | 150 | 17996 | 144 | 19995 | 03 | 1 |
| | 126 | 16996 | 060 | 13990 | | | | | 03 | 1 |
| 353 | 035 | 09990 | | | | | | | 03 | 1 |
| 365 | 165 | 16995 | 122 | 14996 | 103 | 18991 | 083 | 12995 | 03 | 1 |
| | 075 | 13992 | 070 | 17993 | 056 | 16997 | 048 | 11999 | 03 | 1 |
| 386 | 490 | 66824 | 400 | 79919 | 360 | 85962 | 327 | 89999 | 03 | 1 |
| | 266 | 01993 | 120 | 12992 | 107 | 18990 | 069 | 11999 | 03 | 1 |
| | 063 | 14990 | 038 | 10996 | | | | | 03 | 1 |
| 394 | 220 | 10990 | 162 | 13990 | 112 | 11995 | 085 | 15999 | 03 | 1 |
| 405 | 599 | 69990 | 343 | 87997 | 250 | 04998 | 216 | 03993 | 04 | 1 |
| | 126 | 05997 | 080 | 12991 | 072 | 08993 | 060 | 09994 | 04 | 1 |
| 445 | 430 | 70990 | 400 | 74896 | 362 | 80932 | 175 | 15996 | 03 | 1 |
| | 050 | 09998 | | | | | | | 03 | 1 |
| 451 | 518 | 61681 | 487 | 64803 | 400 | 73996 | 311 | 90990 | 03 | 1 |
| | 162 | 18995 | 128 | 15995 | 082 | 15995 | 070 | 10996 | 03 | 1 |
| 476 | 090 | 11998 | 075 | 12994 | | | | | 03 | 1 |
| 486 | 400 | 82998 | 350 | 90990 | 255 | 03997 | 143 | 10996 | 03 | 1 |
| | 109 | 10996 | 094 | 06997 | 087 | 10998 | 066 | 12998 | 03 | 1 |
| | 034 | 07995 | | | | | | | 03 | 1 |
| 493 | 335 | 90990 | 250 | 03991 | 132 | 08999 | 108 | 08994 | 03 | 1 |
| 506 | 360 | 94993 | 242 | 90 97 | 088 | 04997 | | | 03 | 1 |
| 518 | 097 | 05991 | | | | | | | 03 | 1 |
| 520 | 239 | 05993 | 224 | 02992 | 186 | 06999 | 180 | 03996 | 03 | 1 |
| | 157 | 03993 | 135 | 07998 | 080 | 06991 | 070 | 11999 | 03 | 1 |
| | 066 | 08993 | 060 | 07996 | | | | | 03 | 1 |
| 528 | 606 | 69785 | 530 | 74809 | 400 | 89001 | 336 | 96991 | 03 | 1 |
| | 050 | 10997 | 037 | 08999 | | | | | 03 | 1 |
| 534 | 561 | 61719 | 458 | 73764 | 400 | 80842 | 327 | 89010 | 03 | 1 |
| 536 | 325 | 90990 | 222 | 08998 | 150 | 05996 | 121 | 07996 | 03 | 1 |

| 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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| | 120 | 11994 | 093 | 15992 | 075 | 10993 | 059 | 12992 | 03 | 1 |
| 562 | 129 | 12993 | 107 | 18990 | 088 | 12999 | | | 03 | 1 |
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| | 075 | 08990 | 062 | 12993 | 038 | 09997 | 036 | 07992 | 03 | 1 |
| 597 | 152 | 06998 | 110 | 01997 | 075 | 11991 | | | 03 | 1 |
| 655 | 566 | 66749 | 549 | 68823 | 400 | 84919 | 367 | 89956 | 03 | 1 |
| | 235 | 04999 | 088 | 08992 | 072 | 06998 | | | 03 | 1 |
| 662 | 400 | 80871 | 338 | 89947 | 236 | 07995 | 193 | 09995 | 03 | 1 |
| 681 | 215 | 04993 | 175 | 98996 | | | | | 03 | 1 |
| 712 | 245 | 95997 | 108 | 00999 | | | | | 03 | 1 |
| 734 | 282 | 98993 | 232 | 96998 | 090 | 00994 | 068 | 04993 | 03 | 1 |
| | 054 | 03999 | | | | | | | 03 | 1 |
| 747 | 061 | 05995 | | | | | | | 03 | 1 |
| 764 | 590 | 66783 | 558 | 69851 | 475 | 77811 | 462 | 76810 | 03 | 1 |
| | 400 | 84965 | | | | | | | 03 | 1 |
| 768 | 206 | 08994 | 177 | 02998 | 112 | 07990 | 045 | 07995 | 03 | 1 |
| 815 | 144 | 06999 | 101 | 67 | 227 | 69*** | 101 | 58*** | 03 | 1 |
| 816 | 354 | 90911 | 101 | 55 | | | | | 03 | 1 |
| 867 | 324 | 97993 | 243 | 00990 | 218 | 00995 | 172 | 00990 | 03 | 1 |
| | 108 | 03994 | | | | | | | 03 | 1 |
| 879 | 493 | 82846 | 465 | 85873 | 440 | 8572* | 362 | 96990 | 03 | 1 |
| | 221 | 02992 | 166 | 00996 | 101 | 58*** | | | 03 | 1 |
| 896 | 544 | 77827 | 442 | 88000 | 325 | 94996 | 308 | 93990 | 03 | 1 |
| | 240 | 96992 | 232 | 95992 | 184 | 95992 | 084 | 04993 | 03 | 1 |
| 907 | 426 | 89996 | 399 | 95992 | 221 | 96994 | 203 | 00990 | 03 | 1 |
| | 192 | 98973 | 191 | 02995 | 155 | 02992 | 104 | 04999 | 03 | 1 |
| 913 | 631 | 71742 | 550 | 78814 | 532 | 78820 | 426 | 86911 | 03 | 1 |
| | 309 | 03994 | 260 | 05999 | 184 | 03994 | | | 03 | 1 |
| 917 | 444 | 94996 | | | | | | | 03 | 1 |
| 924 | 648 | 79907 | 620 | 78904 | 476 | 89004 | 262 | 06990 | 03 | 1 |
| | 262 | 06990 | 184 | 04993 | | | | | 03 | 1 |
| 934 | 114 | 00990 | 101 | 58 | | | | | 03 | 1 |
| 968 | 548 | 74998 | 457 | 81865 | 316 | 00990 | 101 | 58*** | 03 | 1 |
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| 074 | 038 | 22993 | 101 | 58 | | | | | 03 | 6 |
| 198 | 730 | 52664 | 708 | 53625 | 685 | 51564 | 545 | 63642 | 04 | 1 |
| | 455 | 74755 | 290 | 98990 | 101 | 58*** | | | 04 | 1 |
| 78 | | | | | | | | | | |
| 016 | 226 | 05999 | 101 | 58 | | | | | 04 | 1 |
| 501 | 270 | 89997 | 159 | 17995 | 152 | 17992 | | | 03 | 1 |
| 526 | 118 | 22994 | 096 | 31999 | 090 | 27996 | | | 03 | 1 |
| 806 | 543 | 53663 | 514 | 55586 | 466 | 58646 | 456 | 58734 | 03 | 1 |
| | 352 | 74867 | 285 | 86927 | 205 | 05992 | 101 | 58*** | 03 | 1 |
| 91 | | | | | | | | | | |
| 165 | 450 | 64691 | | | | | | | 03 | 1 |
| 182 | 172 | 14990 | 132 | 20992 | 117 | 19993 | | | 03 | 1 |
| 218 | 620 | 05625 | 605 | 06664 | 596 | 04671 | 555 | 02990 | 03 | 1 |
| | 258 | 90990 | 075 | 29999 | | | | | 03 | 1 |
| 245 | 480 | 60678 | 466 | 69749 | 410 | 67999 | | | 03 | 1 |
| 250 | 140 | 21995 | 101 | 58 | | | | | 09 | 1 |
| 285 | 448 | 62659 | | | | | | | 03 | 1 |
| 334 | 524 | 53716 | 448 | 61990 | 424 | 62993 | 360 | 72990 | 03 | 1 |
| 366 | 285 | 06991 | 147 | 20996 | 101 | 58*** | | | 09 | 1 |
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| 034 | 598 | 54591 | 558 | 57669 | | | | | 03 | 1 |
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| | 326 | 91 0 | 260 | 02 1 | 225 | 11**1 | 194 | 17**0 | 02 | 5 |
| | 171 | 17 0 | 140 | 147 | | | | | 02 | 5 |
| 052 | 272 | 43 0 | 220 | 25 0 | 178 | 17**0 | | | 02 | 2 |
| 053 | 600 | 58666 | 540 | 64772 | 458 | 72798 | 332 | 90012 | 03 | 1 |
| | 332 | 90012 | 218 | 13995 | | | | | 03 | 1 |
| 055 | 243 | 06993 | 178 | 10777 | 160 | | | | 03 | 1 |
| 063 | 600 | 73870 | 474 | 87975 | 400 | 95*** | 380 | 96*** | 02 | 8 |
| | 232 | 02 | 164 | 05 | 155 | 04*** | 107 | 08*** | 02 | 8 |
| | 086 | 08 | | | | | | | 02 | 8 |
| 223 | 581 | 53 | 412 | 67 | 367 | 74*** | 326 | 81*** | 02 | 1 |
| | 274 | 90 | 250 | 94 | 215 | 00000 | 205 | 01*** | 02 | 1 |
| | 176 | 07 | 167 | 09 | 151 | 12*** | 135 | 13*** | 02 | 1 |
| | 120 | 13 | 106 | 16 | | | | | 02 | 1 |
| 235 | 545 | 59 | 470 | 68 | 452 | 69*** | 435 | 71*** | 03 | 1 |
| | 419 | 72 | 403 | 75 | 372 | 79*** | 343 | 85*** | 03 | 1 |
| | 329 | 87 | 274 | 98 | 227 | 08*** | 216 | 10*** | 03 | 1 |
| | 175 | 12 | 165 | 11 | 117 | 09*** | 082 | 10*** | 03 | 1 |
| 360 | 268 | 08 5 | 246 | 05 0 | 177 | 02**3 | 147 | 03**9 | 02 | 5 |

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| | 136 | 04 | 114 | 05 | | | | | 03 | 8 |
| 02 | | | | | | | | | | |
| 062 | 341 | 98999 | 325 | 00990 | 301 | 97993 | 230 | 98999 | 03 | 8 |
| | 224 | 97999 | 170 | 00990 | 157 | 02992 | | | 03 | 8 |
| 084 | 248 | 96995 | 222 | 96997 | 195 | 98999 | 173 | 00992 | 03 | 8 |
| | 153 | 01997 | | | | | | | 03 | 8 |
| 836 | 129 | 03992 | | | | | | | 03 | 7 |
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| 005 | 156 | 38 0 | 107 | 34 0 | | | | | 02 | 2 |
| 476 | 181 | 36 0 | 161 | 31 0 | 055 | 26**0 | | | 02 | 2 |
| 808 | 194 | 26 0 | 087 | 19 0 | 066 | 22**0 | | | 02 | 2 |
| 953 | 176 | 30 0 | 150 | 27 0 | 132 | 30**0 | 087 | 22**0 | 03 | 2 |
| | 073 | 26 0 | 067 | 24 0 | | | | | 03 | 2 |
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| 202 | 475 | 82922 | 430 | 88970 | 241 | 11999 | 158 | 09996 | 03 | 1 |
| | 066 | 20994 | | | | | | | 03 | 1 |
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| | 188 | 19993 | 101 | 58 | | | | | 03 | 1 |
| 06 | | | | | | | | | | |
| 011 | 247 | 04 1 | 078 | 12 0 | | | | | 03 | 8 |
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| | 426 | 79887 | 389 | 85 | 334 | 91*** | 294 | 98*** | 02 | 8 |
| | 246 | 07 | 210 | 11 | 185 | 11*** | 176 | 09*** | 02 | 8 |
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| 07 | | | | | | | | | | |
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| | 225 | 13 0 | 211 | 14 0 | 180 | 10**0 | 126 | 09**4 | 02 | 8 |
| | 110 | 09 7 | 080 | 09 7 | 065 | 08**1 | | | 02 | 8 |
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| | 423 | 78874 | 373 | 82841 | 334 | 88903 | 244 | 02**7 | 02 | 8 |
| | 215 | 10 7 | 201 | 12 4 | 146 | 12**4 | 133 | 14**1 | 02 | 8 |
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| | 433 | 75795 | 379 | 85888 | 339 | 90923 | 235 | 01**4 | 02 | 8 |
| | 222 | 05 7 | 208 | 09 1 | 183 | 21**1 | 139 | 20**7 | 02 | 8 |
| | 105 | 14 7 | | | | | | | 02 | 8 |
| 480 | 300 | 96 7 | 258 | 01 4 | 204 | 58**7 | | | 02 | 8 |
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| | 250 | 05 7 | 190 | 16 7 | 164 | 19**1 | 116 | 16**1 | 02 | 5 |
| | 090 | 16 4 | | | | | | | 02 | 5 |
| 645 | 576 | 60644 | 506 | 58712 | 460 | 71757 | 424 | 77801 | 02 | 5 |
| | 392 | 80834 | 327 | 90923 | 257 | 03**0 | 210 | 13**4 | 02 | 5 |
| | 175 | 18 0 | 152 | 15 0 | 113 | 15**0 | | | 02 | 5 |
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| | 326 | 87971 | 196 | 16993 | 183 | 14996 | 160 | 17998 | 14 | 8 |
| | 144 | 16990 | | | | | | | 14 | 8 |
| 594 | 322 | 83921 | 244 | 92005 | 199 | 04996 | | | 14 | 8 |
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| 384 | 509 | 71765 | 970 | 75886 | 362 | 89990 | 225 | 12995 | 03 | 5 |
| | 212 | 14996 | 187 | 14992 | 165 | 11992 | | | 03 | 5 |
| 866 | 225 | 13993 | 180 | 21997 | | | | | 03 | 5 |
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| 030 | 580 | 62681 | 454 | 74796 | 345 | 90961 | 203 | 17997 | 03 | 5 |
| 567 | 223 | 13 | 116 | 98 | | | | | 03 | 5 |
| 16 | | | | | | | | | | |
| 716 | 347 | 90980 | 258 | 02997 | | | | | 03 | 1 |
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| 606 | 145 | 11 0 | 124 | 10 0 | | | | | 02 | 2 |
| 21 | | | | | | | | | | |
| 422 | 215 | 09 | | | | | | | 02 | 5 |
| 22 | | | | | | | | | | |
| 887 | 205 | 10 | | | | | | | 02 | 5 |
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| 000 | 422 | 81 | 410 | 83 | 315 | 99*** | | | 02 | 5 |
| 073 | 295 | 03 | 247 | 09 | 224 | 09*** | | | 02 | 5 |
| 170 | 359 | 87 | 311 | 93 | | | | | 02 | 5 |
| 25 | | | | | | | | | | |
| 058 | 299 | 99 | 262 | 05 | | | | | 02 | 5 |
| 072 | 233 | 06 | | | | | | | 01 | 5 |
| 181 | 713 | 65681 | 705 | 65633 | | | | | 04 | 5 |
| 204 | 636 | 60601 | 606 | 69733 | | | | | 02 | 5 |
| 26 | | | | | | | | | | |
| 107 | 589 | 70748 | | | | | | | 02 | 5 |
| 135 | 676 | 55 | 631 | 58 | | | | | 02 | 5 |
| 580 | 270 | 11 | 267 | 11 | 234 | 11*** | | | 02 | 5 |
| 630 | 177 | 11 | | | | | | | 02 | 5 |
| 27 | | | | | | | | | | |
| 213 | 224 | 02 | | | | | | | 03 | 5 |
| 217 | 094 | 06 | 085 | 06 | | | | | 02 | 5 |
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| 298 | 609 | 80850 | | | | | | | 01 | 5 |
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| 427 | 083 | 08 0 | | | | | | | 02 | 2 |
| 597 | 082 | 82 0 | 053 | 19 0 | | | | | 03 | 2 |
| 648 | 229 | 33 0 | 160 | 16 0 | 115 | 09*** | 094 | 13**0 | 02 | 2 |
| 42 | | | | | | | | | | |
| 182 | 282 | 99 | 215 | 11 | | | | | 15 | 1 |
| 475 | 295 | 86 | 160 | 21 | | | | | 15 | 1 |
| 909 | 566 | 55 | 464 | 62 | | | | | 14 | 1 |
| 45 | | | | | | | | | | |
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| | 363 | 94550 | 340 | 87490 | 323 | 85480 | 258 | 60400 | 01 | 2 |
| | 248 | 54 0 | 245 | 55 0 | 160 | 16**0 | 147 | 09**0 | 01 | 2 |
| | 124 | 09 1 | | | | | | | 01 | 2 |
| 47 | | | | | | | | | | |
| 208 | 750 | 66726 | 735 | 65734 | 702 | 65726 | 670 | 68734 | 03 | 1 |
| | 526 | 80914 | 512 | 80994 | 421 | 90990 | 248 | 09991 | 03 | 1 |
| | 239 | 07990 | 229 | 07990 | 223 | 05993 | 208 | 05993 | 03 | 1 |
| | 175 | 03996 | 166 | 01999 | 144 | 01999 | 136 | 02998 | 03 | 1 |
| 401 | 570 | 69704 | 531 | 74743 | 484 | 76778 | 424 | 80834 | 03 | 1 |
| | 380 | 84995 | 367 | 86999 | 332 | 90995 | 310 | 92992 | 03 | 1 |
| | 280 | 94995 | 237 | 98991 | 209 | 98991 | 188 | 97995 | 03 | 1 |
| | 184 | 98997 | 170 | 98995 | 162 | 98995 | 101 | 58*** | 03 | 1 |

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| 590 | 531 | 67776 | 483 | 74841 | 422 | 75867 | 394 | 83993 | 03 | 1 |
| | 348 | 88998 | 298 | 90996 | 101 | 58*** | | | 03 | 1 |
| 671 | 344 | 90990 | 106 | 09991 | 098 | 12991 | 086 | 09991 | 03 | 1 |
| | 080 | 14994 | 060 | 05991 | 044 | 50990 | | | 03 | 1 |
| 744 | 371 | 89999 | 318 | 97995 | 270 | 00995 | 246 | 98995 | 03 | 1 |
| | 234 | 96995 | 163 | 98995 | 118 | 09992 | 104 | 09992 | 03 | 1 |
| | 095 | 07990 | | | | | | | 03 | 1 |
| 778 | 260 | 97990 | 208 | 00995 | 147 | 02998 | 118 | 02999 | 03 | 1 |
| | 091 | 08999 | | | | | | | 03 | 1 |
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| | 012 | 86996 | 004 | 86993 | 101 | 58*** | | | 03 | 1 |
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| | 126 | 07998 | 118 | 10995 | | | | | 03 | 1 |
| 931 | 334 | 76993 | 268 | 86997 | 174 | 00995 | 134 | 04993 | 09 | 1 |
| | 101 | 68 | 055 | 27 | 101 | 58*** | | | 09 | 1 |
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| 390 | 650 | 00754 | 591 | 55818 | 569 | 57822 | 541 | 64899 | 02 | 5 |
| | 450 | 71923 | 424 | 75962 | 355 | 83022 | 331 | 89072 | 02 | 5 |
| | 278 | 94 1 | 175 | 16 4 | 125 | 22**0 | 085 | 16**0 | 02 | 5 |
| | 074 | 17 4 | 056 | 15 0 | | | | | 02 | 5 |
| 570 | 274 | 89084 | 156 | 11 1 | 124 | 16**0 | 078 | 13**1 | 14 | 8 |
| | 062 | 13 1 | | | | | | | 14 | 8 |
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| 715 | 440 | 71881 | 228 | 00 0 | | | | | 14 | 5 |
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| | 109 | 24 7 | 096 | 24 1 | 084 | 19**4 | | | 07 | 5 |
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| 133 | 278 | 07996 | 264 | 03998 | 159 | 96993 | 060 | 00996 | 03 | 1 |
| 200 | 602 | 75896 | 564 | 79881 | 447 | 87912 | 275 | 09992 | 03 | 1 |
| | 242 | 04992 | 228 | 05998 | 190 | 01998 | 175 | 00990 | 03 | 1 |
| 204 | 249 | 00994 | 072 | 02990 | | | | | 03 | 1 |
| 219 | 592 | 70766 | 240 | 10993 | 133 | 98992 | 083 | 05991 | 03 | 1 |
| | 070 | 98999 | 057 | 03990 | | | | | 03 | 1 |
| 231 | 250 | 08999 | 210 | 00996 | 115 | 98995 | 088 | 01996 | 03 | 1 |
| | 085 | 04991 | | | | | | | 03 | 1 |
| 261 | 428 | 92992 | 293 | 00993 | 226 | 98997 | 156 | 97990 | 03 | 1 |
| | 107 | 02991 | 088 | 01996 | | | | | 03 | 1 |
| 263 | 272 | 02992 | 101 | 55 | | | | | 05 | 1 |
| 273 | 543 | 72991 | 460 | 81990 | 453 | 80992 | 274 | 05992 | 03 | 1 |
| | 230 | 04995 | 225 | 01997 | 170 | 98999 | 160 | 03997 | 03 | 1 |
| | 150 | 98996 | 105 | 02992 | | | | | 03 | 1 |
| 291 | 070 | 01995 | 065 | 04992 | | | | | 03 | 1 |
| 316 | 608 | 63761 | 528 | 72762 | 514 | 72762 | | | 03 | 1 |
| 350 | 548 | 69990 | 515 | 71993 | 463 | 77990 | 335 | 95996 | 03 | 1 |
| | 270 | 06996 | | | | | | | 03 | 1 |
| 361 | 162 | 92996 | 134 | 00991 | 130 | 97995 | 077 | 02999 | 03 | 1 |
| | 068 | 06999 | 064 | 05990 | | | | | 03 | 1 |
| 398 | 106 | 05990 | | | | | | | 03 | 1 |
| 454 | 482 | 73994 | | | | | | | 03 | 1 |
| 72 | | | | | | | | | | |
| 208 | 318 | 87998 | 160 | 15991 | 153 | 12996 | 086 | 18996 | 03 | 1 |
| | 066 | 14995 | | | | | | | 03 | 1 |
| 211 | 340 | 81885 | 156 | 12996 | 108 | 22998 | 085 | 24995 | 03 | 1 |
| | 074 | 22998 | 050 | 08997 | 038 | 05990 | | | 03 | 1 |
| 219 | 560 | 55996 | 400 | 76990 | 375 | 78921 | 306 | 89954 | 03 | 1 |
| | 184 | 14993 | 126 | 13994 | 084 | 21995 | | | 03 | 1 |
| 232 | 492 | 62817 | 344 | 82886 | 337 | 82942 | 169 | 16996 | 03 | 1 |
| 240 | 614 | 00990 | 495 | 64792 | 400 | 76814 | 316 | 89932 | 03 | 1 |
| | 127 | 14990 | | | | | | | 03 | 1 |
| 250 | 516 | 60774 | 463 | 66717 | 400 | 74796 | 392 | 76849 | 03 | 1 |
| | 376 | 77832 | 304 | 88936 | 212 | 10995 | 166 | 10993 | 03 | 1 |
| | 082 | 24992 | | | | | | | 03 | 1 |
| 253 | 045 | 06992 | 030 | 05991 | | | | | 03 | 1 |
| 259 | 177 | 09990 | 150 | 13993 | | | | | 03 | 1 |
| 270 | 139 | 12992 | | | | | | | 03 | 1 |
| 278 | 112 | 13995 | 080 | 07995 | 068 | 13995 | 032 | 07993 | 03 | 1 |
| 304 | 574 | 57754 | 400 | 76995 | 313 | 89995 | 172 | 14995 | 03 | 1 |
| | 117 | 16995 | 094 | 15991 | | | | | 03 | 1 |
| 317 | 595 | 60992 | 536 | 63990 | 523 | 62994 | 400 | 76998 | 03 | 1 |
| | 361 | 80997 | 322 | 88997 | 092 | 18998 | 064 | 13994 | 03 | 1 |
| | 052 | 13994 | 040 | 08995 | | | | | 03 | 1 |
| 327 | 330 | 88996 | 293 | 95994 | | | | | 03 | 1 |
| 340 | 320 | 90933 | 214 | 07999 | 172 | 09994 | 164 | 08992 | 03 | 1 |
| | 126 | 14993 | 115 | 12992 | 082 | 21992 | 064 | 14993 | 03 | 1 |
| | 053 | 13997 | | | | | | | 03 | 1 |
| 353 | 240 | 07996 | 078 | 13998 | | | | | 03 | 1 |
| 365 | 172 | 09991 | 122 | 04990 | 095 | 13992 | | | 03 | 1 |
| 386 | 147 | 07994 | 135 | 11994 | 128 | 08990 | 090 | 08990 | 03 | 1 |
| | 087 | 11999 | | | | | | | 03 | 1 |
| 394 | 107 | 15995 | 094 | 11997 | 032 | 11993 | | | 03 | 1 |
| 445 | 170 | 09996 | 142 | 07990 | 080 | 13996 | 050 | 10996 | 03 | 1 |
| 451 | 183 | 03994 | 129 | 09993 | 117 | 05992 | 093 | 05992 | 03 | 1 |
| | 074 | 13995 | 054 | 08998 | | | | | 03 | 1 |
| 476 | 188 | 97993 | 126 | 07990 | 059 | 11999 | 056 | 10999 | 03 | 1 |
| 486 | 235 | 06995 | 223 | 04990 | 169 | 08996 | 143 | 02996 | 03 | 1 |
| | 135 | 97994 | 104 | 10992 | 095 | 04995 | 080 | 11994 | 03 | 1 |
| | 070 | 07994 | 051 | 11991 | | | | | 03 | 1 |
| 493 | 204 | 15995 | 129 | 11990 | 110 | 12996 | 060 | 11997 | 03 | 1 |
| 506 | 593 | 62997 | 452 | 74998 | 418 | 78924 | 400 | 80934 | 03 | 1 |
| | 356 | 85976 | 330 | 89998 | 272 | 00996 | 192 | 03996 | 03 | 1 |
| | 158 | 08994 | 145 | 05999 | 119 | 09996 | 114 | 06997 | 03 | 1 |
| | 068 | 10999 | | | | | | | 03 | 1 |
| 518 | 400 | 79865 | 338 | 87969 | 216 | 08993 | 182 | 11998 | 03 | 1 |
| | 146 | 07996 | 140 | 04997 | | | | | 03 | 1 |
| 520 | 445 | 74871 | 400 | 78996 | 101 | 68*** | 088 | 82*** | 03 | 1 |
| | 325 | 89994 | 248 | 03997 | 171 | 14992 | 148 | 14992 | 03 | 1 |
| 528 | 552 | 65684 | 460 | 75772 | 447 | 74774 | 400 | 79814 | 03 | 1 |
| | 331 | 89826 | 237 | 05997 | 183 | 11993 | | | 03 | 1 |
| 534 | 400 | 79923 | 337 | 89015 | 168 | 10995 | | | 03 | 1 |
| 536 | 645 | 54569 | 400 | 80903 | 332 | 89018 | 238 | 07995 | 03 | 1 |
| 562 | 400 | 84897 | 370 | 89935 | 226 | 01990 | 178 | 07990 | 03 | 1 |
| | 116 | 04995 | 089 | 08997 | 082 | 08995 | | | 03 | 1 |
| 576 | 142 | 02992 | 137 | 98996 | 086 | 08998 | 078 | 06993 | 03 | 1 |
| | 065 | 11995 | 060 | 06993 | 044 | 10994 | | | 03 | 1 |
| 597 | 347 | 88996 | 232 | 08992 | 220 | 08990 | | | 03 | 1 |
| 606 | 400 | 84999 | 350 | 89996 | 196 | 05995 | 188 | 03997 | 03 | 1 |
| 655 | 115 | 05999 | 105 | 09994 | | | | | 03 | 1 |
| 681 | 264 | 00990 | 218 | 96990 | 125 | 04996 | 080 | 04995 | 03 | 1 |
| | 057 | 09995 | 044 | 06998 | | | | | 03 | 1 |
| 734 | 652 | 60644 | 580 | 64747 | 532 | 70765 | 400 | 83852 | 03 | 1 |
| | 342 | 90930 | 206 | 12993 | 160 | 09997 | 150 | 04993 | 03 | 1 |
| | 122 | 10998 | 115 | 08997 | 080 | 08996 | 050 | 10993 | 03 | 1 |
| 764 | 380 | 89958 | 282 | 06991 | 256 | 01992 | 234 | 04997 | 03 | 1 |
| | 168 | 02997 | 146 | 00992 | 132 | 04995 | 103 | 04995 | 03 | 1 |
| 768 | 315 | 03994 | 285 | 98997 | 265 | 00998 | 246 | 98999 | 03 | 1 |
| | 236 | 94995 | 078 | 06998 | 060 | 04993 | 032 | 12992 | 03 | 1 |
| 775 | 179 | 98999 | 136 | 98996 | 086 | 05999 | 074 | 02997 | 03 | 1 |
| 785 | 396 | 89991 | | | | | | | 03 | 1 |
| 798 | 221 | 02998 | 218 | 00990 | 142 | 98999 | 089 | 06999 | 03 | 1 |
| | 050 | 08996 | | | | | | | 03 | 1 |
| 816 | 460 | 79823 | 376 | 90931 | 250 | 08992 | 101 | 58*** | 03 | 1 |
| 826 | 468 | 82667 | 410 | 89987 | 296 | 04993 | 287 | 04990 | 03 | 1 |
| | 276 | 05990 | 183 | 00996 | 101 | 58*** | | | 03 | 1 |
| 836 | 617 | 71827 | 210 | 08991 | 194 | 05991 | 086 | 08993 | 04 | 1 |
| 879 | 380 | 02995 | 276 | 01991 | 238 | 97995 | | | 03 | 1 |
| 896 | 557 | 78877 | 520 | 80841 | 425 | 90933 | 320 | 05997 | 03 | 1 |
| | 234 | 01990 | 101 | 47 | | | | | 03 | 1 |
| 906 | 683 | 60658 | 672 | 59697 | 592 | 76796 | 512 | 74825 | 03 | 1 |
| | 469 | 79911 | 280 | 07999 | 264 | 03995 | 253 | 02993 | 03 | 1 |
| | 242 | 00990 | 182 | 00990 | 124 | 02995 | | | 03 | 1 |
| 907 | 285 | 96991 | 266 | 97996 | 257 | 96994 | 190 | 00999 | 03 | 1 |
| | 182 | 98999 | 093 | 06995 | 070 | 11995 | 101 | 58*** | 03 | 1 |
| 913 | 635 | 68700 | 614 | 68713 | 532 | 74856 | 320 | 02995 | 03 | 1 |
| 917 | 445 | 85923 | 331 | 01991 | 260 | 08996 | 177 | 05994 | 03 | 1 |
| | 085 | 13999 | | | | | | | 03 | 1 |
| 918 | 101 | 68 | 043 | 40 | | | | | 03 | 1 |
| 924 | 365 | 94999 | 344 | 94993 | 243 | 10992 | | | 03 | 1 |
| 934 | 600 | 78317 | 557 | 80829 | 437 | 88968 | 316 | 01998 | 03 | 1 |
| | 233 | 94992 | 130 | 96996 | 101 | 68*** | 099 | 88*** | 03 | 1 |
| 938 | 268 | 04991 | 253 | 03995 | 238 | 04995 | 212 | 01991 | 03 | 6 |
| 945 | 173 | 93992 | 110 | 00994 | | | | | 03 | 1 |
| 74 | | | | | | | | | | |
| 043 | 164 | 94995 | 071 | 05996 | | | | | 03 | 1 |
| 072 | 280 | 04995 | 186 | 00999 | 080 | 14995 | | | 03 | 6 |
| 109 | 346 | 95991 | 284 | 98999 | 084 | 03996 | | | 03 | 1 |
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| 458 | 456 | 68856 | 308 | 89998 | 153 | 16990 | 117 | 14997 | 02 | 1 |
| | 083 | 27999 | 070 | 24993 | | | | | 02 | 1 |
| 491 | 523 | 59667 | 488 | 63702 | 458 | 67811 | 430 | 70856 | 02 | 6 |
| | 364 | 79812 | 305 | 88961 | 192 | 12993 | | | 02 | 6 |
| 78 | | | | | | | | | | |
| 325 | 158 | 14996 | 080 | 26993 | 060 | 16992 | | | 03 | 1 |
| | 101 | 65 | 008 | 06 | | | | | 03 | 1 |
| 367 | 576 | 50999 | 560 | 50991 | 452 | 62994 | | | 03 | 1 |
| 501 | 165 | 14997 | 116 | 20995 | | | | | 03 | 1 |
| 526 | 412 | 64995 | 260 | 90990 | 125 | 31996 | 116 | 24998 | 03 | 1 |
| | 088 | 30996 | 075 | 28996 | 065 | 21990 | | | 03 | 1 |
| | 101 | 68 | 084 | 76 | 072 | 59*** | | | 03 | 1 |
| 806 | 460 | 60649 | 414 | 63764 | 344 | 76861 | 288 | 86919 | 03 | 1 |
| | 180 | 09995 | 101 | 58 | | | | | 03 | 1 |
| 91 | | | | | | | | | | |
| 066 | 131 | 13991 | 174 | 10999 | 114 | 16996 | 074 | 24994 | 03 | 1 |
| | 069 | 21991 | 056 | 21998 | | | | | 03 | 1 |
| 165 | 530 | 55582 | 278 | 88007 | 154 | 24990 | 144 | 19996 | 03 | 1 |
| | 133 | 20997 | | | | | | | 03 | 1 |
| 182 | 075 | 25990 | | | | | | | 03 | 1 |
| 218 | 105 | 29990 | 070 | 32996 | 057 | 11990 | 050 | 09998 | 04 | 1 |
| | 036 | 05995 | 027 | 98992 | 013 | 84995 | 010 | 86997 | 04 | 1 |
| | 008 | 80998 | | | | | | | 04 | 1 |
| 245 | 644 | 03508 | 575 | 51631 | 526 | 55646 | 455 | 63761 | 03 | 1 |
| | 444 | 63691 | 260 | 89997 | 092 | 30995 | 078 | 27991 | 03 | 1 |
| | 043 | 02999 | 038 | 02999 | | | | | 03 | 1 |
| 250 | 554 | 50995 | 497 | 54995 | 480 | 54995 | 284 | 84990 | 03 | 1 |
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| 275 | 185 | | 173 | 03996 | 136 | 09991 | 099 | 12997 | 03 | 1 |
| | 085 | 10992 | 101 | 68 | 093 | 84*** | 101 | 58*** | 03 | 1 |
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| 334 | 608 | 02522 | 580 | 01635 | 377 | 69997 | 277 | 80995 | 03 | 1 |
| | 243 | 90990 | | | | | | | 03 | 1 |
| 700 | 264 | 89997 | 055 | 14998 | 043 | 14996 | 033 | 07992 | 03 | 1 |
| | 029 | 00999 | 025 | 05991 | 021 | 03995 | | | 03 | 1 |
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| QLL | | OCEAN | STA | | | | | | | |
| 034 | 148 | 12990 | 078 | 12999 | | | | | 03 | 1 |
| 037 | 416 | 74887 | 320 | 89990 | 220 | 09990 | 165 | 16991 | 03 | 1 |
| | 137 | 11995 | 120 | 16994 | 065 | 11992 | | | 03 | 1 |
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| 055 | 228 | 13995 | 216 | 11999 | 178 | 00993 | 160 | 08998 | 03 | 1 |
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| 063 | 537 | 74729 | 520 | 72716 | 470 | 77844 | 385 | 86*** | 02 | 8 |
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| | 339 | 84 | 286 | 91 | 251 | 97*** | 228 | 03*** | 03 | 1 |
| | 215 | 06 | 185 | 15 | 175 | 18*** | 157 | 12*** | 03 | 1 |
| | 140 | 13 | 110 | 13 | 095 | 14*** | 055 | 09*** | 03 | 1 |
| 246 | 663 | 51698 | 334 | 90990 | 162 | 20991 | 110 | 09996 | 03 | 1 |
| 360 | 283 | 11 3 | 262 | 06 4 | 172 | 05**0 | 125 | 04**0 | 02 | 5 |
| | 105 | 08 0 | 100 | 07 5 | 095 | 07**2 | | | 02 | 5 |

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| 415 | 313 | 02996 | 177 | 04990 | | | | | 03 | 5 |
| 02 | | | | | | | | | | |
| 062 | 377 | 03996 | 342 | 06992 | 324 | 09992 | 273 | 06996 | 03 | 8 |
| | 259 | 02998 | 250 | 04997 | 228 | 01995 | | | 03 | 8 |
| 077 | 208 | 03991 | 172 | 06990 | 159 | 04994 | 128 | 06993 | 03 | 5 |
| | 123 | 04996 | 093 | 06998 | | | | | 03 | 5 |
| 084 | 325 | 98992 | 261 | 03990 | 228 | 03997 | 195 | 01995 | 03 | 8 |
| | 151 | 03992 | | | | | | | 03 | 8 |
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| | 058 | 06 2 | | | | | | | 03 | 2 |
| 03 | | | | | | | | | | |
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| | 132 | 10990 | 122 | 10992 | | | | | 03 | 5 |
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RADIOSONDE AND RAWINSONDE DATA
SIGNIFICANT LEVELS

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| | 314 | 00 | 294 | 03 | 271 | 03*** | 228 | 01*** | 02 | 8 |
| | 204 | 01 | 188 | 00 | 154 | 06*** | 127 | 06*** | 02 | 8 |
| | 122 | 05 | 090 | 07 | | | | | 02 | 8 |
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| | 340 | 96 0 | 264 | 07 0 | 250 | 04*** | 203 | 04**4 | 02 | 8 |
| | 120 | 08 0 | 081 | 08 0 | | | | | 02 | 8 |
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| | 100 | 12 0 | | | | | | | 02 | 8 |
| 510 | 414 | 85952 | 380 | 87975 | 332 | 95**4 | 289 | 01**1 | 02 | 5 |
| | 259 | 06 1 | 230 | 08 7 | 215 | 07**0 | 145 | 09**7 | 02 | 5 |
| | 073 | 10 0 | | | | | | | 02 | 5 |
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| | 516 | 68726 | 462 | 75799 | 389 | 81854 | 331 | 88928 | 02 | 5 |
| | 308 | 94 1 | 279 | 98 4 | 209 | 57**1 | 177 | 07**1 | 02 | 5 |
| | 128 | 08 0 | | | | | | | 02 | 5 |
| 08 | | | | | | | | | | |
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| 594 | 169 | 08997 | | | | | | | 14 | 8 |
| 10 | | | | | | | | | | |
| 384 | 270 | 07990 | 225 | 03998 | 182 | 03996 | | | 03 | 5 |
| 633 | 400 | 89990 | 393 | 88999 | 276 | 03994 | 261 | 01994 | 03 | 5 |
| | 216 | 02999 | 191 | 00995 | 148 | 07997 | 105 | 04998 | 03 | 5 |

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| 169 | 243 | 03 | | | | | | | 02 | 5 |
| 422 | 203 | 07 | | | | | | | 02 | 5 |
| 802 | 372 | 02 | 302 | 02 | | | | | 02 | 5 |
| 834 | 217 | 05 | | | | | | | 02 | 5 |
| 22 | | | | | | | | | | |
| 357 | 398 | 84 | 296 | 02 | 225 | 14*** | | | 02 | 5 |
| 887 | 649 | 54632 | | | | | | | 02 | 5 |
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| 058 | 244 | 01 | | | | | | | 02 | 5 |
| 181 | 348 | 91935 | 257 | 03 | 232 | 06*** | | | 04 | 5 |
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| 269 | 653 | 78856 | 573 | 79877 | | | | | 02 | 5 |
| 270 | 104 | 52 | 213 | 99 | | | | | 02 | 5 |
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| 427 | 527 | | 334 | 82590 | 222 | 43**0 | 164 | 17**0 | 02 | 2 |
| | 160 | 21 0 | 135 | 18 0 | 085 | 98**0 | 076 | 77**0 | 02 | 2 |
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| 182 | 115 | 15 | | | | | | | 15 | 1 |
| 475 | 196 | 14 | | | | | | | 15 | 1 |
| 45 | | | | | | | | | | |
| 005 | 272 | 66470 | 195 | | 180 | 28**0 | 162 | 18**0 | 00 | 2 |
| 47 | | | | | | | | | | |
| 208 | 270 | 04996 | 246 | 03995 | 223 | 55992 | 175 | 00996 | 03 | 2 |
| | 125 | 05996 | 077 | 05993 | 062 | 01992 | 048 | 02990 | 03 | 2 |
| | 042 | 05992 | 034 | 90998 | 025 | 96998 | 101 | 58*** | 03 | 2 |
| 580 | 265 | 03990 | 246 | 03990 | 210 | 01990 | 135 | 01990 | 03 | 1 |
| 582 | 279 | 02993 | 258 | 02993 | 231 | 00996 | 175 | 00996 | 03 | 1 |
| | 140 | 00990 | 134 | 00993 | 111 | 00993 | 071 | 02993 | 03 | 1 |
| | 055 | 07993 | 050 | 01997 | 101 | 58*** | | | 03 | 1 |
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| 744 | 311 | 96995 | 261 | 00800 | 273 | 03990 | 157 | 03990 | 03 | 1 |
| | 115 | 07995 | 081 | 03990 | 070 | 06994 | 052 | 03990 | 03 | 1 |
| | 049 | 97995 | 045 | 00990 | 039 | 98997 | | | 03 | 1 |
| 808 | 267 | 00998 | 233 | 02998 | 220 | 02990 | 085 | 00996 | 03 | 1 |
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| | 141 | 01992 | | | | | | | 03 | 1 |
| 231 | 045 | 07994 | | | | | | | 03 | 1 |
| 261 | | | 603 | 79825 | 509 | 88901 | | | 03 | 1 |
| 263 | 540 | 84873 | 513 | 84873 | 451 | 90932 | 340 | 03994 | 04 | 1 |
| 273 | 230 | 98999 | 118 | 03999 | | | | | 03 | 1 |
| 316 | 233 | 00996 | 212 | 00905 | 191 | 98996 | 179 | 00997 | 03 | 1 |
| | 158 | 98999 | 139 | 00990 | 115 | 04995 | 101 | 58*** | 03 | 1 |
| 381 | 666 | 63792 | 220 | 16990 | 190 | 08992 | 140 | 04998 | 03 | 1 |
| | 140 | 04998 | 065 | 05995 | | | | | 03 | 1 |
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| | 355 | 79944 | 260 | 89997 | 175 | 03999 | | | 03 | 1 |
| 219 | 400 | 77998 | 318 | 89990 | 251 | 97997 | 220 | 95990 | 03 | 1 |
| | 131 | 04990 | 078 | 14994 | | | | | 03 | 1 |
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| | 066 | 22992 | 053 | 11999 | | | | | 03 | 1 |
| 240 | 233 | 05997 | 213 | 07991 | | | | | 03 | 1 |
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| 253 | 152 | 22995 | 140 | 15994 | 084 | 18997 | 056 | 14990 | 03 | 1 |
| 265 | 142 | 20993 | 130 | 19996 | | | | | 03 | 1 |
| 270 | 286 | 90013 | 138 | 27992 | 108 | 18992 | 088 | 18996 | 03 | 1 |
| 278 | 558 | 53598 | 400 | 70742 | 343 | 78874 | 284 | 90980 | 03 | 1 |
| | 156 | 19995 | 145 | 18998 | 125 | 24995 | 116 | 24992 | 03 | 1 |
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| | 156 | 08998 | 132 | 08998 | 106 | 13999 | | | 04 | 1 |
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| | 325 | 90982 | 253 | 04993 | 186 | 11992 | 174 | 07998 | 03 | 1 |
| | 144 | 08991 | | | | | | | 03 | 1 |
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| | 157 | 21990 | 144 | 21992 | 138 | 16999 | 115 | 13992 | 03 | 1 |
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| 493 | 129 | 11997 | | | | | | | 04 | 1 |
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| | 467 | 70825 | 433 | 73778 | 400 | 76818 | 338 | 86973 | 04 | 1 |
| | 316 | 89008 | 226 | 07996 | | | | | 04 | 1 |
| 518 | 400 | 77801 | 324 | 90933 | 179 | 20990 | 166 | 12992 | 03 | 1 |
| | 116 | 10991 | 110 | 06999 | 094 | 13991 | | | 03 | 1 |
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| | 185 | 07996 | 101 | 68 | 043 | 35*** | | | 03 | 1 |
| 534 | 355 | 89993 | 202 | 02990 | 185 | 95995 | | | 03 | 1 |
| 536 | 425 | 76810 | 400 | 79832 | 361 | 85891 | 325 | 90941 | 03 | 1 |
| | 233 | 07994 | 217 | 02993 | 187 | 00998 | 170 | 03993 | 03 | 1 |
| 553 | 400 | 82992 | 330 | 89991 | 245 | 04995 | 135 | 03990 | 03 | 1 |
| | 110 | 09996 | 068 | 12990 | 057 | 11994 | | | 03 | 1 |
| 562 | 135 | 09991 | 040 | 11994 | | | | | 03 | 1 |
| 576 | 090 | 04999 | 082 | 09995 | 060 | 10999 | | | 03 | 1 |
| 597 | 455 | 78836 | 370 | 89006 | 244 | 98999 | 122 | 11997 | 03 | 1 |
| | 092 | 07995 | | | | | | | 03 | 1 |
| 606 | 370 | 80914 | 323 | 88899 | 276 | 96994 | | | 03 | 1 |
| 655 | 274 | 01991 | 176 | 94997 | 082 | 05990 | 075 | 08994 | 03 | 1 |
| | 066 | 08999 | 060 | 06994 | 048 | 07997 | | | 03 | 1 |
| 662 | 147 | 04990 | 070 | 09994 | | | | | 03 | 1 |
| 712 | 714 | 01725 | 649 | 53758 | 636 | 55643 | 612 | 57615 | 04 | 1 |
| | 400 | 78827 | 320 | 89936 | 176 | 19993 | 169 | 13993 | 04 | 1 |
| | 118 | 08999 | 072 | 10996 | | | | | 03 | 1 |
| 734 | 216 | 94994 | 080 | 05999 | 076 | 05996 | | | 03 | 1 |
| 747 | 435 | 89962 | 400 | 92992 | 164 | 92994 | 105 | 04990 | 03 | 1 |
| 764 | 366 | 89936 | 226 | 03990 | 192 | 98994 | 155 | 00991 | 03 | 1 |
| | 142 | 96997 | 085 | 08995 | 075 | 06991 | 055 | 09994 | 03 | 1 |
| 768 | 110 | 98990 | 043 | 12990 | 038 | 09991 | | | 03 | 1 |
| 775 | 400 | 85894 | 366 | 89938 | 230 | 03997 | | | 03 | 1 |
| 785 | 253 | 07999 | 221 | 01996 | 127 | 02994 | 110 | 05997 | 03 | 1 |
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| 798 | 366 | 88997 | 229 | 11999 | 218 | 06995 | 066 | 08991 | 03 | 1 |
| | 058 | 04997 | 050 | 06999 | | | | | 03 | 1 |
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| | 491 | 72995 | 461 | 76904 | 350 | 90931 | 266 | 05990 | 03 | 1 |
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| 836 | 407 | 87931 | 104 | 09994 | | | | | 04 | 1 |
| 896 | 615 | 72843 | 519 | 81921 | 275 | 05991 | 247 | 03995 | 03 | 1 |
| 907 | 285 | 03992 | 244 | 03994 | 145 | 05992 | 080 | 06996 | 03 | 1 |
| 913 | 625 | 78836 | 595 | 77846 | 555 | 80896 | | | 03 | 1 |
| 915 | 450 | 88952 | 185 | 01993 | | | | | 03 | 1 |
| 917 | 635 | 79924 | 560 | 82993 | 467 | 89997 | 326 | 07992 | 03 | 1 |
| | 295 | 00994 | 190 | 03999 | 070 | 13996 | 050 | 21997 | 03 | 1 |
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| 926 | 166 | 00990 | 126 | 02995 | | | | | 03 | 1 |
| 934 | 545 | 80837 | 438 | 90921 | 272 | 09990 | 253 | 04996 | 03 | 1 |
| | 193 | 98996 | 135 | 02998 | 101 | 58*** | | | 03 | 1 |
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| 964 | 230 | 12996 | 170 | 05997 | 130 | 02998 | 101 | 58*** | 03 | 1 |
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| 090 | 375 | 95996 | 350 | 95996 | 278 | 01995 | 268 | 01993 | 03 | 1 |
| 109 | 242 | 08994 | 230 | 05991 | 121 | 04991 | | | 03 | 1 |
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| 679 | 323 | 81993 | | | | | | | 03 | 6 |
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| | 153 | 11991 | 072 | 31995 | 066 | 18992 | 050 | 12990 | 03 | 1 |
| 355 | 157 | 11992 | 081 | 29995 | 068 | 21991 | 065 | 14999 | 03 | 1 |
| | 046 | 08992 | | | | | | | | |
| 91 | | | | | | | | | | |
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| | 438 | 16781 | 425 | 67843 | 388 | 71839 | 367 | 75905 | 03 | 1 |
| | 324 | 81868 | 168 | 11990 | 081 | 24995 | 075 | 24995 | 03 | 1 |
| | 081 | 24995 | 053 | 07994 | 032 | 01997 | 013 | 91991 | 03 | 1 |
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| | 107 | 23999 | | | | | | | 03 | 1 |
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| 98 | | | | | | | | | | |
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| | 229 | 10 | | | | | | | 02 | 8 |
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| | 196 | 98 | 158 | 06 | 131 | 08*** | 116 | 12*** | 02 | 1 |
| | 095 | 15 | 089 | 14 | 086 | 15*** | 077 | 13*** | 02 | 1 |
| | 065 | 12 | 049 | 03 | | | | | 02 | 1 |
| 235 | 525 | 62 | 506 | 63 | 469 | 65*** | 450 | 68*** | 03 | 1 |
| | 585 | 75 | 370 | 79 | 356 | 80*** | 296 | 91*** | 03 | 1 |
| | 270 | 97 | 259 | 98 | 225 | 06*** | 214 | 07*** | 03 | 1 |
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| 360 | 100 | 12 4 | 083 | 15 4 | | | | | 02 | 5 |

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| | 129 | 07993 | | | | | | | 03 | 5 |
| 02 | | | | | | | | | | |
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| | 179 | 04998 | 160 | 04990 | | | | | 03 | 8 |
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| 953 | 259 | 42 0 | 244 | 41 0 | | | | | 03 | 2 |
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| 169 | 243 | 03 | | | | | | | 02 | 5 |
| 422 | 246 | 07 | 203 | 07 | | | | | 02 | 5 |
| 802 | 372 | 02 | 302 | 02 | | | | | 02 | 5 |
| 834 | 217 | 05 | | | | | | | 02 | 5 |
| 22 | | | | | | | | | | |
| 887 | 172 | 07 | 164 | 07 | | | | | 02 | 5 |
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| 625 | 134 | 97 | | | | | | | 02 | 5 |
| 975 | 220 | 11 | | | | | | | 02 | 5 |
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| 073 | 226 | 12 | 202 | 12 | | | | | 02 | 5 |
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| 058 | 244 | 01 | | | | | | | 02 | 5 |
| 204 | 798 | 67692 | 792 | 67692 | 702 | 73781 | 611 | 82894 | 02 | 5 |
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| 087 | 259 | 12 | 254 | 12 | 650 | 72*** | 799 | 90*** | 01 | 5 |
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| | 007 | 05 | 556 | 38 | 005 | 43*** | 677 | 94*** | 01 | 5 |
| 101 | 488 | 78 | 301 | 99 | | | | | 02 | 5 |
| 119 | 260 | 08 | 259 | 08 | 239 | 09*** | | | 02 | 5 |
| 135 | 352 | 90 | 289 | 00 | | | | | 03 | 5 |
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| | 161 | 32 0 | 156 | 34 0 | 125 | | 104 | 28**0 | 02 | 2 |
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| | 085 | 88 0 | 066 | 81 0 | 062 | 86**0 | 057 | 89**0 | 05 | 2 |
| | 055 | 92 0 | 053 | 91 0 | 045 | 02**0 | | | 05 | 2 |
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| | 555 | 77993 | 417 | 90994 | 332 | 00993 | 275 | 04997 | 03 | 1 |
| | 253 | 04997 | 233 | 00993 | 227 | 00997 | 210 | 98998 | 03 | 1 |
| | 137 | 03992 | 093 | 02992 | 060 | 92993 | 012 | 92990 | 03 | 1 |
| 401 | 418 | 91985 | 379 | 95991 | 290 | 00995 | 234 | 97993 | 03 | 1 |
| | 195 | 00998 | 166 | 00990 | 143 | 00995 | 108 | 94995 | 03 | 1 |
| | 103 | 94998 | 095 | 97993 | 083 | 94992 | 070 | 98993 | 03 | 1 |
| | 051 | 92993 | 046 | 92993 | 101 | 58*** | | | 03 | 1 |
| 412 | 268 | 20990 | 192 | 00995 | 185 | 98998 | 162 | 96998 | 03 | 1 |
| | 123 | 97993 | 072 | 93995 | 063 | 96**4 | 046 | 97992 | 03 | 1 |
| | 101 | 58 | | | | | | | 03 | 1 |
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| | 322 | 97995 | 310 | 00995 | 241 | 02995 | 215 | 01997 | 03 | 1 |
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| | 118 | 01997 | 095 | 95993 | 087 | 96991 | 101 | 58*** | 03 | 1 |
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| | 066 | 05990 | | | | | | | 03 | 1 |
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| | 126 | 04998 | 110 | 07995 | 071 | 09992 | 058 | 04994 | 03 | 1 |
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| | 146 | 01997 | 130 | 01997 | 126 | 00999 | 111 | 05997 | 03 | 1 |
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| | 328 | 94993 | 271 | 02990 | 224 | 06997 | 194 | 06990 | 03 | 1 |
| | 175 | 06998 | 168 | 08991 | 152 | 08998 | 136 | 11992 | 03 | 1 |
| | 131 | 13995 | 108 | 17998 | 101 | 55*** | | | 03 | 1 |
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| | 158 | 03994 | 143 | 04996 | 101 | 58*** | | | 03 | 1 |
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| | 176 | 98999 | 144 | 03995 | | | | | 03 | 1 |
| 231 | 549 | 80990 | 532 | 82951 | 473 | 88962 | 240 | 98990 | 03 | 1 |
| | 116 | 98995 | 044 | 06995 | 055 | 05996 | 035 | 12995 | 03 | 1 |
| | 033 | 11999 | | | | | | | 03 | 1 |
| 261 | 333 | 98999 | 322 | 98999 | | | | | 03 | 1 |

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| | 129 | 97999 | 077 | 05994 | | | | | 03 | 1 |
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| | 350 | 91993 | 233 | 02996 | 173 | 01991 | 162 | 00991 | 03 | 1 |
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| 202 | 162 | 15994 | 148 | 14992 | | | | | 03 | 1 |
| 208 | 400 | 75782 | 307 | 87903 | 149 | 16992 | 127 | 12999 | 03 | 1 |
| | 082 | 15995 | | | | | | | 03 | 1 |
| 211 | 344 | 80924 | 166 | 16997 | 127 | 16995 | | | 03 | 1 |
| 219 | 295 | 89937 | 172 | 16998 | 166 | 15998 | | | 03 | 1 |
| 232 | 337 | 82923 | 164 | 19991 | 096 | 21993 | 085 | 18993 | 03 | 1 |
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| | 400 | 73761 | 292 | 90923 | 205 | 08994 | | | 04 | 1 |
| 259 | 330 | 90990 | 220 | 06998 | 101 | 58*** | | | 03 | 1 |
| 265 | 186 | 10999 | 175 | 09990 | | | | | 03 | 1 |
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| | 308 | 89991 | 215 | 05998 | 186 | 00999 | 125 | 11990 | 03 | 1 |
| | 074 | 16990 | 064 | 14999 | 057 | 10994 | | | 03 | 1 |
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| | 215 | 05990 | | | | | | | 03 | 1 |
| 327 | 357 | 84871 | 323 | 89968 | 186 | 12998 | 126 | 09998 | 03 | 1 |
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| | 026 | 08996 | | | | | | | 03 | 1 |
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| 405 | 475 | 72841 | 438 | 76878 | 340 | 88996 | 246 | 98996 | 03 | 1 |
| | 218 | 96999 | 137 | 05993 | 055 | 14991 | | | 03 | 1 |
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| | 094 | 08991 | 070 | 07996 | | | | | 03 | 1 |
| 451 | 286 | 03994 | 255 | 00991 | 123 | 03993 | 097 | 10998 | 03 | 1 |
| | 090 | 08993 | 045 | 09998 | | | | | 03 | 1 |
| 476 | 074 | 11998 | 062 | 10991 | | | | | 03 | 1 |
| 486 | 198 | 12990 | 152 | 10991 | 139 | 06998 | 083 | 10991 | 03 | 1 |
| | 075 | 13999 | 057 | 10990 | | | | | 03 | 1 |
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| | 206 | 08997 | 187 | 03996 | 165 | 05997 | 142 | 03997 | 03 | 1 |
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| 553 | 360 | 90011 | 250 | 09993 | 132 | 02991 | 056 | 08993 | 03 | 1 |
| 562 | 261 | 09994 | 111 | 04993 | | | | | 03 | 1 |
| 576 | 230 | 03994 | 158 | 04997 | 111 | 00993 | 069 | 09999 | 03 | 1 |
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| 597 | 184 | 15990 | 135 | 19998 | 075 | 14992 | 060 | 09997 | 03 | 1 |
| | 045 | 13991 | 028 | 07993 | | | | | 03 | 1 |
| 655 | 155 | 98990 | | | | | | | 03 | 1 |
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| 681 | 362 | 88998 | 278 | 96994 | 188 | 13990 | 140 | 07995 | 03 | 1 |
| | 105 | 08995 | 095 | 03992 | 078 | 09998 | 066 | 08996 | 03 | 1 |
| | 058 | 11993 | 053 | 08996 | | | | | 03 | 1 |
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| | 111 | 10998 | 087 | 08999 | | | | | 03 | 1 |
| 734 | 422 | 87990 | 400 | 88994 | 370 | 90990 | 312 | 00990 | 03 | 1 |
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| | 262 | 00990 | 232 | 00990 | 181 | 98992 | | | 03 | 1 |
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| 798 | 143 | 13990 | 041 | 08999 | | | | | 03 | 1 |
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| | 364 | 85974 | 332 | 90990 | 267 | 02999 | 187 | 19998 | 03 | 1 |
| 816 | 424 | 74756 | 368 | 80876 | 318 | 90990 | 180 | 19991 | 03 | 1 |
| 826 | 685 | 62764 | 657 | 63787 | 645 | 63995 | 628 | 63773 | 03 | 1 |
| | 583 | 65711 | 570 | 64702 | 540 | 66999 | 530 | 67739 | 03 | 1 |
| | 488 | 71810 | 465 | 72807 | 333 | 89939 | 175 | 02996 | 03 | 1 |
| | 152 | 03994 | 123 | 07999 | 101 | 58*** | | | 03 | 1 |
| 836 | 430 | 90947 | 392 | 98996 | | | | | 03 | 1 |
| 879 | 184 | 07994 | 173 | 04994 | 132 | 03990 | | | 03 | 1 |
| 896 | 248 | 10997 | 180 | 09992 | 135 | 06996 | 106 | 08996 | 03 | 1 |
| 907 | 339 | 98998 | 280 | 93999 | 240 | 93998 | 080 | 07995 | 03 | 1 |
| 913 | 247 | 90981 | 315 | 04999 | 284 | 05990 | 226 | 98995 | 03 | 1 |
| | 164 | 97991 | 114 | 03993 | | | | | 03 | 1 |
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| | 101 | 67 | 036 | 25 | 101 | 55*** | | | 03 | 1 |
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| 090 | 197 | 04990 | 088 | 11991 | 101 | 58*** | | | 03 | 1 |
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| | 108 | 23996 | | | | | | | 02 | 1 |
| 644 | 645 | 07995 | 968 | 16998 | 157 | 13997 | 145 | 17994 | 03 | 6 |
| 78 | | | | | | | | | | |
| 016 | 685 | 05629 | 595 | 53647 | 565 | 56703 | 558 | 57657 | 03 | 1 |
| | 530 | 59672 | 477 | 66709 | 464 | 67711 | 243 | 01995 | 03 | 1 |
| 325 | 169 | 12995 | 074 | 27990 | 057 | 25999 | 045 | 14997 | 03 | 1 |
| 355 | 145 | 18998 | 137 | 16993 | 085 | 29990 | 063 | 26998 | 03 | 1 |
| 91 | | | | | | | | | | |
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| 165 | 743 | 03686 | 600 | 00998 | 576 | 51715 | 350 | 77184 | 03 | 1 |
| | 314 | 81934 | 283 | 89006 | 137 | 15995 | 093 | 24996 | 03 | 1 |
| 182 | 457 | 62689 | 338 | 78902 | 278 | 90990 | 123 | 21996 | 03 | 1 |
| | 088 | 25990 | | | | | | | 03 | 1 |
| 218 | 533 | 00996 | 517 | 00996 | 340 | 70999 | 250 | 90990 | 03 | 1 |
| | 087 | 38995 | 066 | 16994 | | | | | 03 | 1 |
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| | 247 | 93993 | 078 | 31994 | 065 | 27994 | 052 | 16998 | 03 | 1 |
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| | 273 | 88953 | 189 | 09996 | 170 | 14993 | 094 | 25994 | 03 | 1 |
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| | 272 | 85941 | 252 | 88925 | 176 | 09990 | 129 | 21997 | 03 | 1 |
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| 037 | 375 | 79993 | 288 | 89999 | 174 | 03994 | 156 | 07998 | 03 | 1 |
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| 567 | 320 | 97 | | | | | | | 03 | 5 |
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| 422 | 211 | 99 | | | | | | | 02 | 5 |
| 22 | | | | | | | | | | |
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| 909 | 164 | 07 | | | | | | | 02 | 5 |
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| | 348 | 91 | 270 | 03 | | | | | 02 | 5 |
| 198 | 690 | 70736 | 523 | 82 | 438 | 90*** | | | 02 | 5 |
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| | 160 | 09 | | | | | | | 02 | 5 |
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| | 591 | 76812 | | | | | | | 02 | 5 |
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| 339 | 115 | 23 | | | | | | | 16 | 1 |
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| | 143 | 01992 | 136 | 01990 | 101 | 58*** | | | 03 | 1 |
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| | 159 | 01994 | 133 | 06998 | 123 | 07990 | 109 | 10990 | 03 | 1 |
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| | 174 | 13994 | 150 | 12992 | 079 | 20994 | 068 | 15996 | 04 | 1 |
| 219 | 820 | 06673 | 759 | 02591 | 745 | 03513 | 550 | 61631 | 03 | 1 |
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## RADIOSONDE AND RAWINSONDE DATA.
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| | 069 | 07994 | | | | | | | 03 | 1 |
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| | 215 | 08 | 182 | 09 | 167 | 08*** | 130 | 11*** | 02 | 8 |
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| | 186 | 09 7 | 135 | 07 4 | 109 | 07**4 | | | 02 | 8 |
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| | 189 | 98 | 152 | 00 | 122 | 05*** | 064 | 09*** | 03 | 1 |
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| | 235 | 05 4 | 185 | 01 4 | 108 | 08**3 | | | 02 | 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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| | 352 | 95 | 319 | 02 | 251 | 09*** | 212 | 08*** | 03 | 8 |
| | 179 | 11 | 168 | 08 | 165 | 10*** | 157 | 06*** | 03 | 8 |
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| | 160 | 11993 | | | | | | | 03 | 5 |
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| 180 | 129 | 06 4 | | | | | | | 03 | 5 |
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| | 284 | 97 | 218 | 03 | 148 | 07*** | 132 | 06*** | 02 | 8 |
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| | 116 | 06 0 | 100 | 07 0 | | | | | 02 | 8 |
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| | 400 | 86879 | 341 | 95 4 | 298 | 05**1 | 250 | 01**0 | 02 | 8 |
| | 222 | 01 0 | 197 | 01 7 | 162 | 04**1 | 135 | 04**4 | 02 | 8 |
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| | 330 | 95 1 | 300 | 01 0 | 262 | 04**0 | 222 | 01**0 | 02 | 5 |
| | 185 | 01 0 | 130 | 05 0 | | | | | 02 | 5 |
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| 165 | 303 | 99 | 232 | 09 | | | | | 02 | 5 |
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| | 266 | 07 | | | | | | | 02 | 5 |
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| | 221 | 09 | | | | | | | 02 | 5 |
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| | 623 | 27471 | 570 | 58802 | | | | | 02 | 5 |
| 285 | 412 | 95 | 377 | 99 | 292 | 58*** | | | 02 | 5 |
| 823 | 224 | 05 | 213 | 04 | 208 | 04*** | 176 | 04*** | 02 | 5 |
| | 174 | 04 | | | | | | | 02 | 5 |
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| | 096 | 12 0 | | | | | | | 02 | 2 |
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| 182 | 100 | 12 | | | | | | | 15 | 1 |
| 475 | 210 | 07 | | | | | | | 15 | 1 |
| 909 | 385 | 69 | | | | | | | 14 | 1 |
| 43 | | | | | | | | | | |
| 371 | 250 | 93 | 233 | 95 | | | | | 14 | 1 |
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| | 307 | 90995 | 272 | 95992 | 220 | 96996 | 195 | 03996 | 03 | 1 |
| | 130 | 07992 | 084 | 05995 | 068 | 07990 | 047 | 07997 | 03 | 1 |
| | 035 | 06997 | | | | | | | 03 | 1 |
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| | 095 | 13992 | 086 | 16999 | 070 | 15992 | 101 | 55*** | 03 | 1 |
| 635 | 387 | 83852 | 270 | 83951 | 280 | | 252 | 14990 | 03 | 1 |
| | 240 | 94998 | 142 | 15997 | 180 | 17998 | 088 | 23992 | 03 | 1 |
| | 082 | 17994 | 074 | 15990 | 070 | | 101 | 55*** | 03 | 1 |
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| | 537 | 68 | 377 | 81903 | 352 | 81999 | 331 | 81999 | 03 | 1 |
| | 279 | 88994 | 242 | 95995 | 226 | 95999 | 213 | 98999 | 03 | 1 |
| 744 | 315 | 88995 | 273 | 96997 | 220 | 95995 | 193 | 10992 | 03 | 1 |
| | 135 | 14993 | | | | | | | 03 | 1 |
| 778 | 448 | 69701 | 354 | 77802 | 340 | 75807 | 284 | 80999 | 03 | 1 |
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| | 438 | 68995 | 336 | 80999 | 284 | 90995 | 110 | 32999 | 09 | 1 |
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| | 412 | 73824 | 395 | 76813 | 346 | 82047 | 291 | 89092 | 02 | 8 |
| | 251 | 96 0 | 169 | 22 0 | 159 | 15**7 | 155 | 16**4 | 02 | 8 |
| | 100 | 14 1 | | | | | | | 02 | 8 |
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| 133 | 125 | 98999 | 096 | 98995 | | | | | 03 | 1 |
| 200 | 382 | 89994 | 320 | 96993 | 186 | 04990 | 155 | 01990 | 03 | 1 |

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| | 070 | 17997 | | | | | | | 03 | 1 |
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| | 127 | 12991 | | | | | | | 03 | 1 |
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| 240 | 674 | 00681 | 622 | 53564 | 400 | 73766 | 306 | 89938 | 03 | 1 |
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| 806 | 648 | 04544 | 625 | 03546 | 614 | 03675 | 583 | 01992 | 03 | 1 |
| | 539 | 53713 | 440 | 63731 | 376 | 72753 | 340 | 78911 | 03 | 1 |
| | 271 | 89996 | 123 | 25993 | 101 | 58*** | | | 03 | 1 |
| 91 | | | | | | | | | | |
| 115 | 510 | 96736 | 404 | 66991 | 373 | 68990 | 273 | 86993 | 03 | 1 |
| | 108 | 24993 | 098 | 24990 | 085 | 25993 | 065 | 21995 | 03 | 1 |
| | 044 | 04995 | 036 | 03997 | 027 | 98999 | 013 | **995 | 03 | 1 |
| | 003 | 80990 | 101 | 58 | | | | | 03 | 1 |
| 182 | 275 | 90990 | 141 | 24995 | 120 | 23993 | | | 03 | 1 |
| 218 | 091 | 27993 | 075 | 24995 | 054 | 03998 | 042 | 02990 | 03 | 1 |
| | 010 | 68997 | 101 | 58 | | | | | 03 | 1 |
| 245 | 438 | 65716 | 101 | 67 | 054 | 44*** | | | 03 | 1 |
| 334 | 443 | 56679 | 344 | 68779 | 230 | 90990 | 105 | 29991 | 03 | 1 |
| 366 | 598 | 03557 | 560 | 01597 | 540 | 50581 | 503 | 53599 | 03 | 1 |
| | 460 | 57711 | 282 | 82990 | 117 | 25997 | 101 | 58*** | 03 | 1 |
| 700 | 415 | 63783 | | | | | | | 03 | 1 |
| 98 | | | | | | | | | | |
| 645 | 062 | 12996 | 038 | 06991 | | | | | 03 | |
| QLL | | OCEAN | STA | | | | | | | |
| 034 | 103 | 12994 | | | | | | | 03 | 1 |
| 037 | 295 | 89969 | 169 | 17991 | 157 | 15996 | 111 | 20994 | 04 | 1 |
| 041 | 444 | 79885 | 358 | 86968 | 296 | 00**7 | 252 | 07**1 | 02 | 5 |
| 044 | 195 | 10996 | 156 | 09993 | | | | | 03 | 1 |
| 062 | 160 | 20 0 | 125 | 27 0 | 084 | 22**0 | 062 | 12**0 | 02 | 2 |
| 063 | 463 | 87004 | 431 | 88 | 362 | 95*** | 305 | | 02 | 8 |
| | 291 | 99 | | | | | | | 02 | 8 |
| 134 | 358 | 82934 | 296 | 88924 | | | | | 03 | 1 |
| 223 | 511 | 59 | 427 | 67 | 382 | 69*** | 337 | 73*** | 02 | 1 |
| | 296 | 78 | 282 | 80 | 215 | 97*** | 195 | 98*** | 02 | 1 |
| | 186 | 04 | 168 | 08 | 152 | 12*** | 144 | 15*** | 02 | 1 |
| | 128 | 19 | | | | | | | 02 | 1 |
| 235 | 559 | 70 | 541 | 68 | 470 | 73*** | 418 | 79*** | 03 | 1 |
| | 373 | 83 | 329 | 92 | 317 | 92*** | 285 | 95*** | 03 | 1 |
| | 275 | 98 | 253 | 98 | 230 | 97*** | 217 | 98*** | 03 | 1 |
| | 206 | 98 | 168 | 00 | 118 | 05*** | 047 | 04*** | 03 | 1 |
| 360 | 182 | 02 9 | 160 | 06 5 | 142 | 05**7 | 100 | 12**0 | 02 | 5 |
| | 070 | 19 8 | | | | | | | 02 | 5 |
| Dec 9 1950 | | | | | | | | | | 9 |
| 01 | | | | | | | | | | |
| 384 | 400 | 82909 | 341 | 90981 | 269 | 04*** | 257 | 04*** | 03 | 8 |
| | 248 | 06 | 166 | 10 | 155 | 06*** | 141 | 08*** | 03 | 8 |
| | 112 | 06 | 088 | 12 | 080 | 10*** | | | 03 | 8 |
| 415 | 265 | 04999 | 168 | 13999 | 160 | 11990 | 124 | 11990 | 03 | 5 |
| 02 | | | | | | | | | | |
| 062 | 471 | 79872 | 353 | 95021 | 339 | 95998 | 265 | 09990 | 03 | 8 |
| | 236 | 12990 | 143 | 08999 | 113 | 14992 | | | 03 | 8 |
| 077 | 612 | 61634 | 481 | 76783 | 280 | 03992 | 216 | 12992 | 03 | 5 |
| 084 | 547 | 66753 | 454 | 78853 | 433 | 79874 | 288 | 01997 | 03 | 8 |
| | 216 | 12990 | 184 | 13995 | 163 | 10993 | | | 03 | 8 |
| 836 | 367 | 99995 | 317 | 04990 | 285 | 01996 | 247 | 03994 | 02 | 7 |
| | 216 | 05990 | 108 | 19930 | | | | | 02 | 7 |
| 974 | 597 | 65673 | 479 | 77 0 | 405 | 87**4 | 245 | 09**0 | 03 | 2 |
| | 121 | 08 3 | 084 | 15 2 | 062 | 15**9 | | | 03 | 2 |

## RADIOSONDE AND RAWINSONDE DATA.

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| 005 | 642 | 11980 | 370 | 60500 | 327 | 46**0 | 272 | 30**0 | 02 | 2 |
| | 260 | 29 0 | 540 | 24 0 | 225 | 24**0 | 205 | 27**0 | 02 | 2 |
| | 192 | 24 0 | 175 | 23 0 | 158 | 24**0 | 155 | 24**0 | 02 | 2 |
| | 105 | 20 0 | | | | | | | 02 | 2 |
| 171 | 237 | 41 0 | 182 | 23 0 | 157 | 28**0 | 135 | 22**0 | 02 | 2 |
| | 083 | 15 0 | 072 | 14 0 | 065 | 19**0 | | | 02 | 2 |
| 322 | 256 | 34 0 | 229 | 30 0 | 195 | 19**0 | 137 | 22**0 | 02 | 2 |
| | 128 | 18 0 | 120 | 22 0 | | | | | 02 | 2 |
| 476 | 623 | 14970 | 590 | 08920 | 532 | 02810 | 320 | 51**0 | 02 | 2 |
| | 270 | 40 0 | 240 | 33 0 | 220 | 26**0 | 205 | 25**0 | 02 | 2 |
| | 180 | 15 0 | 155 | 15 0 | 140 | 28**0 | 120 | 23**0 | 02 | 2 |
| | 113 | 24 0 | 095 | 23 0 | 072 | 18**0 | | | 02 | 2 |
| 743 | 415 | 75440 | 280 | 44 0 | 185 | 21**0 | 162 | 20**0 | 02 | 2 |
| | 145 | 28 0 | 065 | 21 0 | | | | | 02 | 2 |
| 917 | 394 | 61 0 | 309 | 38 0 | 272 | 35**0 | 196 | 26**0 | 02 | 2 |
| | 087 | 21 0 | 078 | 16 0 | 073 | 16**0 | | | 02 | 2 |
| 953 | 167 | 21 0 | 143 | 24 0 | 079 | 22**0 | 059 | 20**0 | 03 | 2 |
| 04 | | | | | | | | | | |
| 202 | 592 | 84928 | 585 | 84925 | 520 | 89963 | 291 | 07999 | 03 | 1 |
| | 065 | 16996 | | | | | | | 03 | 1 |
| 270 | 507 | 79954 | 413 | 90999 | 314 | 02995 | 293 | 01999 | 03 | 1 |
| | 243 | 06995 | 206 | 04997 | 101 | 55*** | | | 03 | 1 |
| 340 | 130 | 08991 | | | | | | | 03 | 8 |
| 06 | | | | | | | | | | |
| 011 | 155 | 07 1 | 120 | 09 6 | | | | | 03 | 8 |
| 180 | 211 | 12 6 | 176 | 09 0 | | | | | 03 | 5 |
| 260 | 669 | 58734 | 639 | 59741 | 600 | 61761 | 584 | 61763 | 02 | 8 |
| | 536 | 65804 | 474 | 73863 | 397 | 82921 | 387 | 82*** | 02 | 8 |
| | 323 | 90 | 273 | 01 | 182 | 12*** | | | 02 | 8 |
| 447 | 615 | 61756 | 570 | 63766 | 391 | 83901 | 384 | 83934 | 03 | 8 |
| | 280 | 00 0 | 169 | 16 5 | 149 | 10**5 | | | 03 | 8 |
| 610 | 389 | 91935 | 335 | 98016 | 289 | 01064 | 249 | 05**4 | 05 | 8 |
| | 227 | 06 4 | 193 | 06 4 | 161 | 07**1 | | | 05 | 8 |
| 07 | | | | | | | | | | |
| 110 | 570 | 65793 | 500 | 71865 | 358 | 90032 | 277 | 03**4 | 02 | 8 |
| | 225 | 10 4 | 174 | 17 0 | 165 | 15**7 | 125 | 13**4 | 02 | 8 |
| | 094 | 14 1 | | | | | | | 02 | 8 |
| 145 | 572 | 63744 | 528 | 67781 | 461 | 76863 | 420 | 79908 | 02 | 8 |
| | 349 | 89007 | 304 | 95 0 | 289 | 99**0 | 249 | 02**4 | 02 | 8 |
| | 237 | 06 1 | 167 | 16 7 | 133 | 10**7 | 112 | 60**8 | 02 | 8 |
| 190 | 472 | 75766 | 425 | 82832 | 349 | 94**7 | 321 | 96**4 | 02 | 8 |
| | 263 | 00 7 | 206 | 56 0 | 092 | 06**0 | 079 | 09**7 | 02 | 8 |
| 480 | 592 | 65663 | 570 | 68705 | 374 | 89912 | 336 | 96**0 | 02 | 8 |
| | 310 | 99 0 | 247 | 02 4 | 212 | 04**1 | | | 02 | 8 |
| 510 | 635 | 61716 | 615 | 61716 | 552 | 66792 | 513 | 70812 | 02 | 5 |
| | 464 | 75873 | 400 | 81934 | 351 | 84010 | 285 | | 02 | 5 |
| | 222 | 04 0 | 145 | 19 4 | 096 | 12**4 | | | 02 | 5 |
| 645 | 536 | 69739 | 442 | 81822 | 388 | 86899 | 335 | 94**4 | 02 | 5 |
| | 295 | 98 1 | 245 | 01 0 | 225 | 01**0 | 152 | 02**0 | 02 | 5 |
| | 128 | 04 0 | 084 | 04 0 | 075 | 06**4 | 062 | 06**4 | 02 | 5 |
| 08 | | | | | | | | | | |
| 521 | 168 | 16991 | 156 | 12995 | 135 | 11990 | 081 | 13999 | 14 | 8 |
| 10 | | | | | | | | | | |
| 384 | 540 | 69998 | 374 | 90990 | | | | | 03 | 5 |
| 633 | 600 | 64684 | 400 | 87989 | 372 | 90027 | 220 | 08991 | 03 | 5 |
| | 150 | 08995 | | | | | | | 03 | 5 |
| 11 | | | | | | | | | | |
| 567 | 224 | 04 | 214 | 02 | | | | | 03 | 5 |
| 12 | | | | | | | | | | |
| 375 | 352 | 90 | 270 | 01 | 249 | 05*** | 191 | 07*** | 08 | 8 |
| | 177 | 06 | 157 | 06 | | | | | 08 | 8 |
| 16 | | | | | | | | | | |
| 716 | 602 | 53997 | 540 | 59768 | 460 | 70743 | 433 | 70738 | 04 | 1 |
| | 400 | 65781 | 310 | 90932 | | | | | 04 | 1 |
| 17 | | | | | | | | | | |
| 606 | 160 | 03 0 | | | | | | | 02 | 2 |
| 21 | | | | | | | | | | |
| 153 | 230 | 06 | | | | | | | 02 | 5 |
| 169 | 345 | 94 | 184 | 00 | 271 | 00000 | | | 02 | 5 |
| 422 | 253 | 08 | | | | | | | 02 | 5 |
| 22 | | | | | | | | | | |
| 357 | 284 | 07 | | | | | | | 02 | 5 |
| 887 | 227 | 05 | 181 | 07 | 091 | 07*** | | | 02 | 5 |
| 889 | 266 | 05 | | | | | | | 03 | 5 |
| 907 | 324 | 95 | 240 | 95 | | | | | 02 | 5 |
| 909 | 287 | 02 | 247 | 02 | 162 | 00000 | 146 | 99*** | 02 | 5 |
| | 141 | 97 | 128 | 02 | | | | | 02 | 5 |
| 925 | 750 | 85 | 335 | 01 | | | | | 02 | 5 |
| 23 | | | | | | | | | | |
| 625 | 212 | 96 | | | | | | | 02 | 5 |
| 24 | | | | | | | | | | |
| 000 | 309 | 91 | | | | | | | 03 | 5 |
| 073 | 373 | 86 | 349 | 91 | 305 | 96*** | 300 | 98*** | 02 | 5 |
| | 248 | 05 | | | | | | | 02 | 5 |
| 170 | 203 | 09 | | | | | | | 02 | 5 |
| 25 | | | | | | | | | | |
| 058 | 387 | 96 | 274 | 07 | 233 | 08*** | | | 02 | 5 |
| 159 | 291 | 11 | 262 | 11 | 228 | 09*** | 212 | 09*** | 02 | 5 |
| 181 | 695 | 60632 | 530 | 70737 | 404 | 84866 | 273 | 06*** | 03 | 5 |
| 198 | 776 | 65662 | 679 | 70711 | 515 | 83855 | 468 | 88*** | 02 | 5 |
| 200 | 681 | 63 | 597 | 68 | 522 | 74*** | 454 | 82*** | 02 | 5 |
| | 394 | 89 | 340 | 06 | 291 | 04*** | 147 | 11*** | 02 | 5 |
| 204 | 767 | 56657 | 655 | 64622 | 576 | 70781 | | | 02 | 5 |
| 26 | | | | | | | | | | |
| 090 | 523 | 70 | 409 | 84 | 374 | 88*** | 351 | 88*** | 04 | 5 |
| 107 | 756 | 53667 | 745 | 53667 | 712 | 55687 | 705 | 55675 | 02 | 5 |
| | 598 | 64717 | | | | | | | 02 | 5 |
| 118 | 352 | 92 | 302 | 97 | 259 | 03*** | 122 | 60*** | 02 | 5 |
| 145 | 123 | 50 | | | | | | | 02 | 5 |
| 580 | 736 | 57602 | 618 | 63678 | 472 | 76804 | 356 | 89*** | 02 | 5 |
| | 277 | 98 | | | | | | | 02 | 5 |
| 28 | | | | | | | | | | |
| 238 | 209 | 09 | 170 | 05 | 129 | 05*** | | | 02 | 5 |
| 29 | | | | | | | | | | |
| 269 | 752 | 71717 | 741 | 72720 | 732 | 71726 | 692 | 72723 | 02 | 5 |
| | 636 | 75774 | 564 | 81830 | | | | | 02 | 5 |
| 40 | | | | | | | | | | |
| 427 | 056 | 00 0 | 053 | | | | | | 02 | 2 |
| 597 | 145 | 13 0 | 096 | 99 0 | 056 | 11**0 | | | 03 | 2 |
| 648 | 257 | 11 0 | 143 | 12 0 | 122 | 14**0 | 106 | 09**0 | 02 | 2 |
| 42 | | | | | | | | | | |
| 909 | 350 | 73 | 250 | 86 | | | | | 14 | 1 |
| 45 | | | | | | | | | | |
| 005 | 512 | 17910 | 429 | 00779 | 117 | 04**0 | 075 | 32**0 | 00 | 2 |
| | 038 | 96 0 | | | | | | | 00 | 2 |
| 47 | | | | | | | | | | |
| 401 | 253 | 04993 | 198 | 01990 | 172 | 01990 | 159 | 02990 | 03 | 1 |
| | 141 | 00995 | 072 | 98991 | 056 | 93990 | 051 | 96995 | 03 | 1 |
| | 046 | 96995 | 101 | 58 | | | | | 03 | 1 |
| 580 | 255 | 97997 | 180 | 02998 | 101 | 58*** | | | 03 | 1 |
| 582 | 486 | 77781 | 469 | 80997 | 420 | 82992 | 405 | 84997 | 05 | 1 |
| | 389 | 86990 | 275 | 89990 | 264 | 90991 | 215 | 92991 | 05 | 1 |
| | 205 | 03992 | 195 | 95992 | 175 | 97997 | 155 | 01994 | 05 | 1 |
| | 147 | 00990 | 101 | 55 | | | | | 05 | 1 |
| 590 | 350 | 84997 | 250 | 94993 | 143 | 08993 | 135 | 08993 | 03 | 1 |
| | 210 | 10998 | | | | | | | 03 | 1 |
| 600 | 269 | 89999 | 237 | 89999 | 176 | 00997 | 108 | 07999 | 03 | 1 |
| | 097 | 06990 | 101 | 55 | | | | | 03 | 1 |
| 635 | 474 | 71993 | 450 | 75990 | | | | | 03 | 1 |
| 744 | 456 | 76816 | 322 | 80995 | 315 | 81996 | 269 | 82997 | 03 | 1 |
| | 226 | 87999 | 218 | 91993 | 172 | 00990 | 153 | 05996 | 03 | 1 |
| | 117 | 09990 | 105 | 09990 | 096 | 05996 | | | 03 | 1 |
| 778 | 373 | 71819 | 347 | 72823 | 245 | 83990 | 101 | 55*** | 03 | 1 |
| 827 | 565 | 62703 | 545 | 62714 | 490 | 69773 | 427 | 73827 | 04 | 1 |
| | 411 | 71809 | 367 | 73822 | 315 | 79996 | | | 04 | 1 |
| 60 | | | | | | | | | | |
| 120 | 616 | 58990 | 598 | 59991 | 525 | 67998 | 497 | 69991 | 03 | 6 |
| | 473 | 72998 | 445 | 74990 | 276 | 01991 | 223 | 10997 | 03 | 6 |
| | 181 | 15998 | 153 | 13997 | 108 | 12994 | 096 | 11990 | 03 | 6 |
| | 050 | 09990 | | | | | | | 03 | 6 |
| 155 | 542 | 66881 | 418 | 82980 | 382 | 85014 | | | 02 | 8 |
| 390 | 685 | 63632 | 545 | 76778 | 461 | 89893 | 363 | 05**0 | 02 | 5 |
| | 331 | 01 4 | 304 | 01 4 | 296 | 99**4 | 257 | | 02 | 5 |
| | 221 | 05 0 | 200 | 04 1 | | | | | 02 | 5 |
| 570 | 037 | 09 0 | | | | | | | 14 | 8 |
| 625 | 589 | 56653 | 545 | 61792 | 531 | 61801 | 383 | 78812 | 02 | 8 |
| | 364 | 78819 | 339 | 84853 | 241 | 96**7 | 177 | 13**4 | 02 | 8 |
| | 165 | 14 4 | | | | | | | 02 | 8 |
| 715 | 267 | 94 7 | 216 | 94 7 | | | | | 14 | 5 |
| 61 | | | | | | | | | | |
| 642 | 480 | 58635 | 455 | 61724 | 370 | 74741 | 360 | 74782 | 07 | 5 |
| | 301 | 83916 | 215 | 02 4 | 151 | 18**1 | | | 07 | 5 |
| 62 | | | | | | | | | | |
| 053 | 121 | 96 0 | 065 | 07 0 | | | | | 02 | 2 |
| 70 | | | | | | | | | | |
| 026 | 569 | 78898 | 547 | 80922 | 455 | 82948 | 250 | 08996 | 03 | 1 |
| | 236 | 04995 | 190 | 05996 | 181 | 01998 | 154 | 04993 | 03 | 1 |
| | 095 | 02999 | | | | | | | 03 | 1 |
| 133 | 539 | 72754 | 473 | 75785 | 360 | 90933 | 273 | 04994 | 03 | 1 |
| | 165 | 98990 | 098 | 00999 | | | | | 03 | 1 |
| 204 | 086 | 98999 | 045 | 05991 | 040 | 04991 | | | 03 | 1 |
| 219 | 664 | 66801 | 632 | 62781 | 594 | 66996 | 581 | 62995 | 03 | 1 |
| | 565 | 62998 | 488 | 71853 | 429 | 79854 | 352 | 90952 | 03 | 1 |
| | 217 | 02999 | 120 | 98999 | 094 | 05997 | 091 | 03990 | 03 | 1 |
| | 062 | 01999 | | | | | | | 03 | 1 |
| 231 | 666 | 64995 | 640 | 63801 | 600 | 64696 | 555 | 67707 | 03 | 1 |
| | 480 | 73866 | 368 | 88934 | 268 | 04995 | 116 | 05991 | 03 | 1 |
| | 065 | 02994 | 055 | 07995 | 042 | 04998 | | | 03 | 1 |
| 261 | 815 | 61681 | 746 | 65802 | 674 | 70861 | 654 | 72991 | 04 | 1 |
| | 609 | 72991 | 537 | 78993 | 497 | 72993 | 374 | 87967 | 04 | 1 |
| | 261 | 05999 | 220 | 04999 | 208 | 98999 | 186 | 04999 | 04 | 1 |
| | 152 | 00993 | 124 | 06996 | 103 | 02993 | | | 04 | 1 |
| 263 | 550 | 79932 | 516 | 81999 | 454 | 81999 | 428 | 80990 | 03 | 1 |
| | 261 | 98998 | 240 | 03991 | 228 | 00999 | 181 | 02994 | 03 | 1 |
| | 163 | 98999 | 148 | 98998 | 101 | 55*** | | | 03 | 1 |
| 273 | 688 | 67797 | 667 | 65817 | 641 | 67991 | 625 | 65999 | 03 | 1 |
| | 610 | 66993 | 590 | 63990 | 567 | 61997 | 482 | 72861 | 03 | 1 |
| | 465 | 72814 | 456 | 72824 | 415 | 78914 | 350 | 88997 | 03 | 1 |
| | 225 | 07996 | 177 | 04995 | 166 | 01999 | 163 | 03992 | 03 | 1 |
| 291 | 140 | 02991 | 105 | 01990 | | | | | 03 | 1 |
| 308 | 262 | 00993 | 203 | 04997 | 134 | 00990 | 062 | 04995 | 03 | 1 |
| 316 | 608 | 55642 | 428 | 74832 | 365 | 82047 | 326 | 90900 | 03 | 1 |
| | 108 | 09907 | 101 | 55 | | | | | 03 | 1 |
| 350 | 177 | 10994 | 112 | 05997 | | | | | 03 | 1 |
| 381 | 215 | 95998 | 142 | 01991 | 132 | 97995 | 073 | 02997 | 03 | 1 |

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| 202 | 270 | 96992 | 162 | 18990 | 148 | 15996 | 136 | 18990 | 03 | 1 |
| | 125 | 16994 | 094 | 24994 | 060 | 13990 | 036 | 06991 | 03 | 1 |
| 208 | 506 | 65832 | 482 | 68856 | 469 | 68758 | 400 | 78823 | 03 | 1 |
| | 316 | 89944 | 168 | 07998 | 092 | 14999 | 068 | 13990 | 03 | 1 |
| 211 | 644 | 50733 | 608 | 53572 | 586 | 54585 | 564 | 53699 | 04 | 1 |
| | 400 | 72797 | 348 | 81903 | 218 | 07998 | 172 | 16992 | 04 | 1 |
| | 140 | 19991 | 128 | 16999 | 066 | 16999 | 025 | 04999 | 04 | 1 |
| 219 | 456 | 71788 | 400 | 79822 | 326 | 89017 | 230 | 04998 | 03 | 1 |
| | 182 | 10997 | 156 | 03999 | 123 | 11990 | 091 | 14991 | 03 | 1 |
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| 232 | 400 | 71852 | 173 | 18990 | 160 | 18993 | | | 03 | 1 |
| 240 | 424 | 69834 | 400 | 72991 | 296 | 68995 | 152 | 20998 | 03 | 1 |
| | 126 | 18998 | 092 | 20990 | 086 | 22993 | 078 | 17997 | 03 | 1 |
| | 044 | 10992 | | | | | | | 03 | 1 |
| 250 | 400 | 69997 | 147 | 22990 | 087 | 25996 | 074 | 17993 | 03 | 1 |
| 259 | 440 | 67759 | 315 | 82944 | 101 | 55*** | | | 03 | 1 |
| 265 | 140 | 18994 | 086 | 26990 | 078 | 18995 | 040 | 08995 | 03 | 1 |
| 270 | 175 | 15994 | | | | | | | 03 | 1 |
| 278 | 166 | 19995 | 150 | 16997 | 088 | 24996 | | | 03 | 1 |
| 304 | 570 | 62782 | 544 | 64812 | 400 | 77911 | 335 | 88955 | 03 | 1 |
| | 156 | 09997 | | | | | | | 03 | 1 |
| 317 | 370 | 87922 | 335 | 90010 | 250 | 02990 | | | 03 | 1 |
| 327 | 503 | 72822 | 468 | 75893 | 400 | 84996 | | | 03 | 1 |
| | 354 | 88996 | 134 | 08996 | 124 | 05997 | 082 | 14993 | 03 | 1 |
| | 060 | 09999 | | | | | | | 03 | 1 |
| 340 | 502 | 70857 | 400 | 78992 | 315 | 90990 | 230 | 03995 | 03 | 1 |
| 353 | 540 | 63741 | 450 | 70797 | 400 | 75909 | 352 | 82936 | 03 | 1 |
| | 321 | 85989 | 296 | 90990 | 284 | 92995 | | | 03 | 1 |
| 386 | 528 | 56747 | 400 | 72867 | 304 | 88007 | 158 | 18995 | 03 | 1 |
| | 133 | 17990 | 090 | 23991 | 043 | 10998 | 038 | 10995 | 03 | 1 |
| 394 | 488 | 61772 | 457 | 65811 | 424 | 69844 | 291 | 90990 | 03 | 1 |
| | 161 | 18993 | 129 | 16990 | 067 | 19994 | 034 | 13992 | 03 | 1 |
| 405 | 581 | 64674 | 336 | 88504 | 324 | 89996 | 270 | 98999 | 03 | 1 |
| | 227 | 02996 | 212 | 01992 | 169 | 08990 | 142 | 04992 | 03 | 1 |
| | 082 | 11992 | 076 | 09994 | 060 | 12997 | | | 03 | 1 |
| 445 | 714 | 56658 | 644 | 59762 | 470 | 78918 | 400 | 88982 | 03 | 1 |
| | 385 | 89000 | 358 | 89995 | 112 | 05993 | 080 | 10993 | 03 | 1 |
| | 040 | 09992 | | | | | | | 03 | 1 |
| 451 | 115 | 10998 | 076 | 16995 | 046 | 09995 | | | 03 | 1 |
| 486 | 170 | 17991 | 148 | 17993 | 130 | 14995 | 080 | 14997 | 03 | 1 |
| 518 | 366 | 84934 | 335 | 89945 | 135 | 06991 | 092 | 10992 | 03 | 1 |
| 520 | 484 | 75991 | 400 | 86991 | 378 | 88998 | 307 | 01993 | 03 | 1 |
| | 275 | 79996 | 183 | 04995 | 144 | 02996 | | | 03 | 1 |
| 528 | 099 | 56 | 101 | 55 | | | | | 04 | 1 |
| 534 | 347 | 98993 | 058 | 08996 | 053 | 08991 | | | 03 | 1 |
| 536 | 592 | 64997 | 400 | 82999 | 285 | 06991 | 265 | 01999 | 03 | 1 |
| | 088 | 03991 | | | | | | | 03 | 1 |
| 553 | 400 | 87995 | 217 | 03996 | 098 | 08998 | 088 | 08991 | 03 | 1 |
| 562 | 140 | 10991 | | | | | | | 03 | 1 |
| 576 | 080 | 08995 | 063 | 13990 | | | | | 03 | 1 |
| 597 | 178 | 13995 | 170 | 13994 | 160 | 06995 | 123 | 11997 | 03 | 1 |
| | 098 | 12991 | | | | | | | 03 | 1 |
| 600 | 141 | 15993 | 122 | 13991 | 101 | 58*** | | | 03 | 1 |
| 655 | 767 | 56624 | 662 | 62797 | 622 | 64997 | 570 | 69842 | 03 | 1 |
| | 400 | 89986 | 122 | 01997 | 082 | 02991 | | | 03 | 1 |
| 662 | 336 | 85997 | 374 | 88999 | | | | | 03 | 1 |
| 681 | 362 | 86928 | 337 | 89945 | 194 | 13990 | 156 | 09993 | 03 | 1 |
| | 128 | 12999 | | | | | | | 03 | 1 |
| 712 | 574 | 62784 | 552 | 65786 | 525 | 68732 | 518 | 66702 | 03 | 1 |
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| | 133 | 18994 | 085 | 86997 | 033 | 04996 | | | 02 | 1 |
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| 679 | 163 | 18994 | | | | | | | 03 | 6 |

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| | 360 | 71993 | 353 | 91996 | 283 | 86998 | 153 | 12996 | 03 | 1 |
| 182 | 321 | 82996 | 184 | 11998 | 157 | 18992 | 085 | 25994 | 03 | 1 |
| | 060 | 10995 | | | | | | | 03 | 1 |
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| | 060 | 16998 | | | | | | | 03 | 1 |
| 245 | 494 | 60990 | 478 | 59990 | 460 | 60999 | 448 | 60996 | 03 | 1 |
| | 437 | 61996 | 420 | 61992 | 254 | 88992 | 154 | 15996 | 03 | 1 |
| | 130 | 21993 | 112 | 30992 | | | | | 03 | 1 |
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| 275 | 272 | 86913 | 202 | 03995 | 112 | 24997 | 101 | 58*** | 03 | 1 |
| 285 | 480 | 59992 | 446 | 62995 | | | | | 03 | 1 |
| 344 | 476 | 50736 | | | | | | | 03 | 1 |
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| 98 | | | | | | | | | | |
| 645 | 342 | 74881 | 123 | 28999 | 098 | 36995 | 088 | 26990 | 03 | |
| | 064 | 19999 | 058 | 13995 | | | | | 03 | |
| 836 | 431 | 62668 | 419 | 62767 | | | | | 03 | |
| QLL | | OCEAN | STA | | | | | | | |
| 037 | 328 | 88941 | 226 | 08993 | 166 | 15990 | 120 | 11998 | 03 | 1 |
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| | 152 | 13996 | 095 | 13990 | | | | | 04 | 1 |
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| | 075 | 26 0 | | | | | | | 02 | 2 |
| 063 | 653 | 74774 | 582 | 77845 | 557 | 77842 | 360 | 94*** | 02 | 8 |
| | 303 | 96 | 239 | 95 | 150 | 01*** | 105 | 98*** | 02 | 8 |
| | 065 | 08 | 040 | 08 | | | | | 02 | 8 |
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| | 345 | 74 | 317 | 78 | 304 | 78*** | 290 | 79*** | 03 | 1 |
| | 265 | 84 | 253 | 84 | 230 | 87*** | 189 | 01*** | 03 | 1 |
| | 170 | 01 | 152 | 04 | 135 | 12*** | 120 | 13*** | 03 | 1 |
| 235 | 395 | 74 | 365 | 79 | 350 | 80*** | 335 | 79*** | 03 | 1 |
| | 306 | 81 | 292 | 84 | 269 | 86*** | 257 | 89*** | 03 | 1 |
| | 245 | 89 | 234 | 91 | 224 | 90*** | 212 | 92*** | 03 | 1 |
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| | 084 | 08990 | | | | | | | 03 | 1 |
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| 836 | 393 | 85991 | 231 | 13997 | 187 | 15992 | 174 | | 03 | 7 |
| | 150 | 15994 | | | | | | | 03 | 7 |
| 974 | 219 | 15 5 | 193 | 17 5 | | | | | 03 | 2 |
| 03 | | | | | | | | | | |
| 953 | 173 | 41 0 | 164 | 46 0 | 104 | 29**0 | 097 | 31**0 | 03 | 2 |
| | 068 | 24 0 | | | | | | | 03 | 2 |
| 04 | | | | | | | | | | |
| 018 | 086 | 14990 | | | | | | | 03 | 1 |
| 202 | 054 | 15995 | | | | | | | 03 | 1 |
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| 270 | 175 | 10997 | 101 | 58 | | | | | 03 | 1 |
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| | 132 | 08995 | | | | | | | 03 | 8 |
| 360 | 183 | 10991 | 134 | 08993 | | | | | 03 | 5 |
| 06 | | | | | | | | | | |
| 260 | 582 | 65693 | 545 | 66706 | 477 | 72774 | 339 | 92*** | 02 | 8 |
| | 242 | 08 | 225 | 12 | 190 | 14*** | 164 | 08*** | 02 | 8 |
| | 146 | 10 | 138 | 08 | 064 | 14*** | | | 02 | 8 |
| 447 | 334 | 90 8 | 248 | 08 3 | 231 | 09**6 | 215 | 09**6 | 03 | 8 |
| | 165 | 07 5 | 120 | 08 0 | | | | | 03 | 8 |
| 610 | 480 | 70700 | 284 | 98 7 | 243 | 08**4 | 204 | 15**1 | 05 | 8 |
| | 170 | 08 7 | | | | | | | 05 | 8 |
| 07 | | | | | | | | | | |
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| 145 | 548 | 67675 | 533 | 69702 | 486 | 72754 | 426 | 79816 | 02 | 8 |
| | 380 | 83852 | 263 | 00 0 | 214 | 05**7 | 168 | 08**1 | 02 | 8 |
| | 136 | 05 4 | 123 | 08 1 | 075 | 08**1 | | | 02 | 8 |
| 190 | 597 | 61621 | 555 | 64652 | 524 | 60691 | 483 | 71737 | 02 | 8 |
| | 407 | 81837 | 362 | 89901 | 309 | 00000 | 237 | 50**7 | 02 | 8 |
| | 217 | 15 1 | 201 | 08 1 | 176 | 14**4 | 164 | 14**4 | 02 | 8 |
| | 138 | 10 7 | 132 | 10 7 | | | | | 02 | 8 |
| 480 | 352 | 88905 | 316 | 97 1 | 215 | 11**0 | 200 | 16**1 | 02 | 8 |
| | 188 | 17 1 | 176 | 17 1 | 133 | | 101 | | 02 | 8 |
| 510 | 550 | 64703 | 530 | 69712 | 462 | 75825 | 438 | 76843 | 02 | 5 |
| | 316 | 90007 | 255 | 04 0 | 200 | 08**4 | 113 | 07**7 | 02 | 5 |
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| | 254 | 03 1 | 225 | 12 7 | 166 | 17**4 | 126 | 17**4 | 02 | 5 |
| | 075 | 13 0 | | | | | | | 02 | 5 |
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| 384 | 585 | 62766 | 558 | 66817 | 444 | 79999 | 387 | 83990 | 03 | 5 |
| | 355 | 87993 | 225 | 11991 | 205 | 14997 | | | 03 | 5 |
| 393 | 180 | 10 | 162 | 07 | 135 | 10*** | 096 | 10*** | 02 | 8 |
| | 080 | 10 | | | | | | | 02 | 8 |
| 454 | 490 | 24604 | 225 | 08 | 197 | 14*** | 149 | 08*** | 02 | 8 |
| | 107 | 09 0 | 067 | 11 | 056 | 12*** | | | 02 | 8 |
| 486 | 390 | 80883 | 225 | 07 | 210 | 07*** | 194 | 08*** | 02 | 8 |
| | 168 | 06 | 155 | 07 | 104 | 86*** | | | 02 | 8 |
| 633 | 400 | 82863 | 352 | 90943 | 225 | 14995 | 183 | 10993 | 03 | 5 |
| | 158 | 08999 | | | | | | | 03 | 5 |
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| 030 | 558 | 68822 | 386 | 90990 | 265 | 96992 | 220 | 00992 | 03 | 5 |
| | 164 | 05991 | 112 | 08990 | 098 | 05995 | | | 03 | 5 |
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| | 238 | 02 | 202 | 01 | 150 | 08*** | 105 | 09*** | 03 | 5 |
| | 094 | 11 | 073 | 09 | | | | | 03 | 5 |
| 16 | | | | | | | | | | |
| 080 | 100 | 13990 | | | | | | | 02 | 5 |
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| 606 | 332 | 72630 | 145 | 02 0 | 119 | 11**0 | | | 02 | 2 |
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| 153 | 470 | 73802 | 258 | 04 | | | | | 02 | 5 |
| 209 | 269 | 05 | 221 | 05 | | | | | 02 | 5 |
| 422 | 316 | 04 | 264 | 07 | | | | | 02 | 5 |
| 802 | 352 | 08 | 309 | 49 | | | | | 03 | 5 |
| 22 | | | | | | | | | | |
| 357 | 481 | 71768 | 411 | 81 | 307 | 97*** | 244 | 08*** | 02 | 5 |
| | 208 | 08 | | | | | | | 02 | 5 |
| 469 | 595 | 63 | 214 | 10 | | | | | 02 | 5 |
| 887 | 201 | 14 | | | | | | | 02 | 5 |
| 941 | 216 | 07 | | | | | | | 02 | 5 |
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| 957 | 122 | 05 | | | | | | | 02 | 5 |
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| 170 | 400 | 80 | 315 | 92 | 233 | 04*** | | | 02 | 5 |
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| 054 | 396 | 02 | | | | | | | 02 | 5 |
| 159 | 219 | 15 | | | | | | | 02 | 5 |
| 198 | 659 | 75801 | 514 | 84886 | 383 | 96*** | 353 | | 02 | 5 |
| 200 | 444 | 85855 | 384 | 93 | 332 | 02*** | 291 | 08*** | 02 | 5 |
| | 283 | 08 | 238 | 06 | | | | | 02 | 5 |
| 26 | | | | | | | | | | |
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| 087 | 432 | 89 | 370 | 02 | 358 | 02*** | | | 02 | 5 |
| 107 | 250 | 08 | | | | | | | 02 | 5 |
| 135 | 324 | 75 | | | | | | | 03 | 5 |
| 145 | 647 | 66691 | | | | | | | 01 | 5 |
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| 823 | 340 | 01 | 269 | 01 | 213 | 97*** | 201 | 97*** | 02 | 5 |
| | 188 | 98 | 110 | 98 | | | | | 02 | 5 |
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| 427 | 209 | 22 0 | 190 | 20 0 | 178 | 12**0 | 147 | 06**0 | 02 | 2 |
| | 136 | 11 0 | | | | | | | 02 | 2 |
| 597 | 142 | 06 0 | 138 | 07 0 | | | | | 03 | 2 |
| 648 | 461 | 01840 | 438 | 95790 | 163 | 03**0 | 155 | 03**0 | 02 | 2 |
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| 339 | 160 | 07 | 125 | 11 | | | | | 15 | 1 |
| 475 | 245 | 98 | 135 | 20 | | | | | 15 | 1 |
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| | 053 | 02997 | 048 | 09993 | 043 | 06990 | 037 | 01999 | 03 | 1 |
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| 133 | 258 | 97997 | 166 | 96999 | | | | | 03 | 1 |
| 200 | 442 | 89992 | 326 | 00992 | 266 | 02990 | 238 | 98999 | 03 | 1 |
| | 213 | 01998 | 192 | 97992 | 170 | 00994 | 158 | 98999 | 03 | 1 |
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| | 040 | 02990 | 101 | 65 | 046 | 40*** | 040 | 04*** | 03 | 1 |
| 219 | 241 | 04999 | 147 | 02990 | 145 | 00990 | 089 | 00992 | 03 | 1 |
| 231 | 122 | 00990 | 096 | 98993 | 089 | 96990 | 076 | 01991 | 03 | 1 |
| | 049 | 98999 | 039 | 03993 | 034 | 00993 | | | 03 | 1 |
| 261 | 222 | 96997 | 178 | 00995 | 136 | 97995 | 056 | 03993 | 03 | 1 |
| 291 | 264 | 05993 | | | | | | | 03 | 1 |
| 308 | 145 | 03993 | 127 | 04999 | 112 | 00993 | 085 | 00993 | 03 | 1 |
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| 381 | 210 | 13994 | 174 | 03994 | 168 | 05996 | 142 | 01993 | 03 | 1 |
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| | 047 | 14997 | | | | | | | 03 | 1 |
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| 768 | 582 | 62662 | 400 | 80845 | 343 | 88930 | 174 | 12995 | 03 | 1 |
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| | 287 | 04994 | 258 | 05991 | 225 | 04998 | 101 | 58*** | 03 | 1 |
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| | 217 | 01999 | 171 | 00990 | 121 | 01999 | | | 03 | 1 |
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| | 145 | 03991 | 136 | 01993 | 101 | 58*** | | | 03 | 1 |
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| 924 | 076 | 07992 | | | | | | | 03 | 1 |
| 934 | 552 | 75776 | 439 | 97915 | 217 | 95990 | | | 03 | 1 |
| 938 | 530 | 74894 | 495 | 76879 | 466 | 81899 | | | 03 | 6 |
| 945 | 386 | 87961 | 264 | 04996 | 222 | 05992 | 152 | 00998 | 03 | 6 |
| 964 | 130 | 00990 | 101 | 58 | | | | | 03 | 1 |
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| | 182 | 97999 | 101 | 55 | | | | | 03 | 1 |
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| 198 | 344 | 90990 | 203 | 16995 | 101 | 58*** | | | 03 | 1 |
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| 491 | 474 | 63994 | | | | | | | 02 | 1 |
| 644 | 056 | 14993 | | | | | | | 03 | 1 |
| 679 | 305 | 85990 | 285 | 90990 | 145 | 21995 | 138 | 18992 | 03 | 6 |
| | 085 | 30995 | | | | | | | 03 | 6 |
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| 016 | 233 | 02998 | 101 | 58 | | | | | 03 | 1 |
| 325 | 150 | 12992 | 134 | 17996 | 128 | 16999 | 090 | 22998 | 03 | 1 |
| | 084 | 20996 | 075 | 20994 | 053 | 07996 | | | 03 | 1 |
| 355 | 345 | 79916 | 288 | 87997 | 152 | 18996 | 130 | 16999 | 03 | 1 |
| | 094 | 25996 | 058 | 13991 | 039 | 08992 | | | 03 | 1 |
| 501 | 290 | 87994 | 150 | 21995 | 144 | 18993 | 109 | 25990 | 03 | 1 |
| 806 | 688 | 09523 | 631 | 03521 | 575 | 51565 | 564 | 51626 | 03 | 1 |
| | 426 | 68762 | 416 | 68831 | 406 | 67990 | 273 | 90990 | 03 | 1 |
| | 138 | 24993 | 101 | 58 | | | | | 03 | 1 |
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| | 150 | 14990 | 071 | 24992 | 068 | 18994 | 065 | 18994 | 04 | 1 |
| | 057 | 12995 | 101 | 67 | 015 | 10*** | 101 | 55*** | 04 | 1 |
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| | 093 | 34990 | 075 | 30990 | 063 | 15996 | 049 | 12997 | 03 | 1 |
| | 033 | 02995 | 026 | 00997 | 101 | 58*** | | | 03 | 1 |
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| | 482 | 60733 | 456 | 62990 | 438 | 64779 | 338 | 77887 | 03 | 1 |
| | 326 | 79994 | 286 | 80992 | 244 | 89997 | 108 | 27998 | 03 | 1 |
| | 084 | 32997 | 068 | 28997 | 038 | 08990 | 020 | 01992 | 03 | 1 |
| 250 | 505 | 56995 | 494 | 55993 | 287 | 82999 | | | 03 | 1 |
| 275 | 618 | 04677 | 594 | 01578 | 557 | 51604 | 418 | 65692 | 03 | 1 |
| | 387 | 69753 | 353 | 73788 | 276 | 87995 | 193 | 07990 | 03 | 1 |
| | 130 | 21997 | 072 | 28991 | 056 | 14995 | 101 | 58*** | 03 | 1 |
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| | 072 | 25995 | 063 | 18997 | 030 | 03998 | 021 | 02998 | 03 | 1 |
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| 836 | 436 | 61698 | | | | | | | 03 | |
| QLL | | OCEAN | STA | | | | | | | |
| 034 | 048 | 13994 | | | | | | | 03 | 1 |
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| 041 | 456 | 77888 | 430 | 79905 | 413 | 81927 | 364 | 86975 | 02 | 5 |
| | 306 | 94 4 | 230 | 06 4 | | | | | 02 | 5 |
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| 063 | 595 | 69811 | 425 | 84928 | 332 | 95*** | 262 | 06*** | 02 | 8 |
| | 210 | 11 | 170 | 10 | | | | | 02 | 8 |
| 134 | 160 | 11992 | | | | | | | 03 | 1 |
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| | 532 | 60 | 463 | 66 | 445 | 69*** | 430 | 70*** | 03 | 1 |
| | 412 | 69 | 361 | 74 | 346 | 75*** | 330 | 76*** | 03 | 1 |
| | 290 | 79 | 254 | 85 | 242 | 86*** | 190 | 98*** | 03 | 1 |
| 235 | 711 | 63 | 648 | 64 | 627 | 64*** | 568 | 67*** | 03 | 1 |
| | 530 | 70 | 510 | 72 | 475 | 74*** | 441 | 76*** | 03 | 1 |
| | 407 | 79 | 375 | 83 | 359 | 84*** | 344 | 84*** | 03 | 1 |
| | 329 | 84 | 260 | 86 | 218 | 90*** | 184 | 95*** | 03 | 1 |
| 246 | 075 | 02993 | 055 | 00097 | 101 | 68*** | 027 | 24*** | 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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| | 096 | 14 4 | | | | | | | 02 | 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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| 02 | | | | | | | | | | |
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| | 252 | 10992 | 273 | 11991 | 205 | 14991 | | | 03 | 8 |
| 084 | 118 | 13991 | 077 | 10991 | | | | | 03 | 8 |
| 836 | 354 | 97990 | 255 | 12990 | 161 | 16992 | 100 | 20993 | 03 | 7 |
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| 03 | | | | | | | | | | |
| 026 | 273 | 25 0 | 230 | 29 0 | 217 | 24**0 | 182 | 28**0 | 03 | 2 |
| | 075 | 06 0 | | | | | | | 03 | 2 |
| 171 | 104 | 31 0 | | | | | | | 03 | 2 |
| 322 | 095 | 26 0 | | | | | | | 02 | 7 |
| 808 | 085 | 20 0 | | | | | | | 03 | 2 |
| 953 | 262 | 32 0 | 212 | 18 0 | 157 | 25**0 | 103 | 24**0 | 03 | 2 |
| 04 | | | | | | | | | | |
| 270 | 355 | 60912 | 256 | 06995 | 217 | 13990 | | | 04 | 1 |
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| | 170 | 00 | 140 | 02 | 010 | 16*** | | | 02 | 8 |
| 610 | 271 | 05 4 | 250 | 02 1 | 181 | 01**7 | | | 05 | 8 |
| 07 | | | | | | | | | | |
| 110 | 352 | 96 4 | 281 | 03 4 | | | | | 02 | 8 |
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| | 258 | 07 7 | 247 | 08 4 | 226 | 06**4 | 189 | 06**4 | 02 | 8 |
| | 142 | 09 7 | 104 | 12 1 | | | | | 02 | 8 |
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| | 141 | 99 1 | 074 | 04 0 | 064 | 06**1 | 057 | 06**1 | 02 | 8 |
| 480 | 973 | 05 1 | 256 | 03 1 | 192 | 02**1 | 133 | 06**0 | 02 | 8 |
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| | 306 | 04 1 | 252 | 05 0 | 234 | 02**4 | 152 | 05**4 | 02 | 5 |
| 645 | 616 | 72742 | 550 | 80832 | 505 | 83862 | 472 | 83877 | 02 | 5 |
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| | 150 | 08 0 | 123 | 08 0 | | | | | 02 | 5 |
| 08 | | | | | | | | | | |
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| 521 | 166 | 21999 | 154 | 22991 | 141 | 16998 | 125 | 22997 | 14 | 8 |
| | 088 | 20990 | | | | | | | 14 | 8 |
| 594 | 237 | 91983 | | | | | | | 14 | 8 |
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| 338 | 164 | | | | | | | | 02 | 2 |
| 384 | 225 | 01997 | 175 | 03990 | | | | | 03 | 5 |
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| | 213 | 27 0 | 159 | 11 0 | 136 | 27**0 | 066 | 20**0 | 02 | 2 |
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| 153 | 248 | 01 | | | | | | | 02 | 5 |
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| 469 | 244 | 99 | 224 | 99 | | | | | 03 | 5 |
| 909 | 209 | 26 | | | | | | | 02 | 5 |
| 935 | 280 | 03 5 | 250 | 05 0 | | | | | 02 | 5 |
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| 957 | 676 | 59716 | | | | | | | 02 | 5 |
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| 086 | 441 | 86 | 390 | 95 | 331 | 99*** | 315 | 99*** | 02 | 5 |
| 118 | 899 | 77 | | | | | | | 02 | 5 |
| 580 | 351 | 90 | 219 | 04 | 176 | 01*** | | | 01 | 5 |
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| 238 | 295 | 09 | 231 | 09 | 207 | 07*** | | | 02 | 5 |
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| 263 | 214 | 08 | | | | | | | 03 | 5 |
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| 427 | 077 | 11 0 | | | | | | | 02 | 2 |
| 597 | 165 | 17 0 | 162 | 18 0 | 145 | 11**0 | 133 | 10**0 | 03 | |
| | 102 | 80 0 | 097 | 00 0 | 089 | 92**0 | 083 | 93**0 | 03 | |
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| | 211 | 43 0 | 203 | 41 0 | 178 | 28**0 | 157 | 17**0 | 01 | 2 |
| | 133 | 04 0 | 095 | 88 0 | 088 | 85**0 | | | 01 | 2 |
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| 625 | 685 | 00698 | 603 | 56756 | 584 | 57765 | 551 | 61688 | 02 | 8 |
| | 532 | 64837 | 474 | 72853 | 243 | 03**0 | | | 02 | 8 |
| 715 | 632 | 59635 | 546 | 66669 | 533 | 67679 | 512 | 70731 | 14 | 5 |
| | 491 | 70752 | 450 | 76822 | 356 | 88941 | 310 | 92**1 | 14 | 5 |
| | 210 | 01 1 | 157 | 18 5 | 115 | 14**0 | 094 | 14**0 | 14 | 5 |
| | 070 | 11 0 | | | | | | | 14 | 5 |
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| | 244 | 08997 | 189 | 04990 | | | | | 03 | 1 |
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| 261 | 753 | 63701 | 745 | 62791 | 737 | 62810 | 648 | 65834 | 03 | 1 |
| | 608 | 66752 | 569 | 68787 | 535 | 72789 | 370 | 89961 | 03 | 1 |
| | 230 | 12990 | 208 | 12998 | 190 | 04994 | 179 | 06990 | 03 | 1 |
| | 154 | 01998 | 146 | 03996 | 122 | 00995 | 080 | 00996 | 03 | 1 |
| 263 | 550 | 70809 | 370 | 90990 | 261 | 09994 | 220 | 11998 | 03 | 1 |
| | 101 | 68 | 055 | 40 | 040 | 37*** | | | 03 | 1 |
| 291 | 436 | 79902 | 360 | 89993 | 224 | 11991 | 168 | 02995 | 03 | 1 |
| 308 | 070 | 97990 | 043 | 97997 | | | | | 03 | 1 |
| 361 | 265 | 06997 | 222 | 10992 | 087 | 00996 | 070 | 04992 | 03 | 1 |
| 381 | 718 | 59642 | 578 | 66682 | 478 | 76765 | 869 | 84934 | 03 | 1 |
| | 254 | 06998 | 240 | 05990 | 221 | 07993 | 155 | 00993 | 03 | 1 |
| | 075 | 05994 | 068 | 02995 | | | | | 03 | 1 |
| 398 | 264 | 98990 | 240 | 01991 | 218 | 98995 | 165 | 98993 | 03 | 1 |
| | 127 | 02992 | | | | | | | 03 | 1 |
| 409 | 282 | 93998 | | | | | | | 03 | 1 |
| 454 | 364 | 93991 | | | | | | | 03 | 1 |
| 72 | | | | | | | | | | |
| 202 | 225 | 01994 | | | | | | | 03 | 1 |
| 208 | 266 | 00995 | 236 | 97997 | 150 | 04997 | 122 | 05996 | 03 | 1 |
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| 219 | 587 | 64819 | 574 | 64998 | 400 | 84997 | 364 | 89995 | 03 | 1 |
| | 241 | 03992 | 157 | 00995 | 129 | 07993 | 075 | 10997 | 03 | 1 |
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| | 068 | 15993 | 056 | 10996 | | | | | 03 | 1 |
| 250 | 350 | 77995 | 292 | 87999 | 164 | 16995 | 130 | 16993 | 03 | 1 |
| | 088 | 23997 | 078 | 20990 | 064 | 21993 | 044 | 10999 | 03 | 1 |
| | 030 | 05996 | | | | | | | 03 | 1 |
| 253 | 058 | 17991 | 034 | 09994 | | | | | 03 | 1 |
| 259 | 350 | 86987 | 330 | 90990 | 235 | 04996 | 101 | 58*** | 03 | 1 |
| 270 | 294 | 88957 | 158 | 19999 | 132 | 16995 | 095 | 21991 | 03 | 1 |
| | 084 | 18992 | 077 | 20992 | | | 060 | 16992 | 03 | 1 |
| | 040 | 13992 | | | | | | | 03 | 1 |
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| | 046 | 09996 | | | | | | | 03 | 1 |
| 317 | 592 | 68823 | 400 | 88950 | 354 | 95992 | 322 | 95992 | 03 | 1 |
| 327 | 120 | 05993 | | | | | | | 03 | 1 |
| 340 | 400 | 78999 | 338 | 88998 | 166 | 11992 | 147 | 04998 | 03 | 1 |
| | 090 | 15990 | 066 | 10993 | 061 | 12994 | 056 | 09995 | 03 | 1 |
| | 044 | 12997 | | | | | | | 03 | 1 |
| 353 | 328 | 88986 | 162 | 14997 | 130 | 10999 | 093 | 17994 | 03 | 1 |
| | 074 | 14997 | | | | | | | 03 | 1 |
| 386 | 126 | 17992 | | | | | | | 03 | 1 |
| 394 | 281 | 90943 | 130 | 17996 | 073 | 17999 | 052 | 17992 | 03 | 1 |
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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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| | 075 | 10990 | | | | | | | 04 | 1 |
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| | 050 | 12997 | | | | | | | 03 | 1 |
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| 655 | 354 | 90990 | 267 | 01998 | 170 | 03997 | 152 | 01992 | 03 | 1 |
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| 785 | 247 | 03994 | 155 | 02999 | 125 | 10996 | 078 | 11993 | 03 | 1 |
| | 057 | 09994 | | | | | | | 03 | 1 |
| 798 | 092 | 04995 | 075 | 10994 | 071 | 06999 | 052 | 09993 | 03 | 1 |
| 815 | 185 | 14997 | 150 | 16998 | 101 | 58*** | | | 03 | 1 |
| 826 | 215 | 14997 | 101 | 55 | | | | | 03 | 1 |
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| | 105 | 03998 | 095 | 02997 | 101 | 58*** | | | 03 | 1 |
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| | 109 | 04991 | | | | | | | 03 | 1 |
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| | 070 | 17998 | 055 | 11992 | | | | | 03 | 1 |
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| | 283 | 90992 | 101 | 58 | | | | | 06 | 1 |
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| 501 | 284 | 89990 | 134 | 22990 | 118 | 21993 | 106 | 25993 | 03 | 1 |
| | 082 | 17992 | | | | | | | 03 | 1 |
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| 348 | 406 | 65999 | 372 | 68996 | 118 | 28991 | 907 | 29993 | 03 | 1 |
| | 086 | 27996 | 081 | 21996 | 073 | 21991 | | | 03 | 1 |
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| QLL | | OCEAN | STA | | | | | | | |
| 034 | 065 | 14994 | | | | | | | 03 | 1 |
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| | 140 | 15992 | 126 | 11995 | 078 | 14995 | | | 03 | 1 |
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| 223 | 419 | 69 | 370 | 76 | 339 | 78*** | 325 | 80*** | 03 | 1 |
| | 262 | 86 | 250 | 89 | 239 | 90*** | 161 | 04*** | 03 | 1 |
| | 152 | 04 | 136 | 10 | 128 | 09*** | 112 | 13*** | 03 | 1 |
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| 235 | 433 | 83 | 343 | 93 | 333 | 94*** | 324 | 94*** | 03 | 1 |
| | 316 | 93 | 270 | 93 | 253 | 91*** | 237 | 93*** | 03 | 1 |
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| 360 | 311 | 04 6 | 280 | 07 4 | 250 | 04**3 | 147 | 09**0 | 02 | 5 |
| | 100 | 15 3 | 077 | 18 5 | | | | | 02 | 5 |

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| | 238 | 04 | 157 | 07 | 150 | 08*** | | | 03 | 8 |
| 415 | 221 | 02992 | 196 | 04996 | | | | | 03 | 5 |
| 02 | | | | | | | | | | |
| 062 | 227 | 05996 | 202 | 04990 | 118 | 10998 | | | 03 | 8 |
| 084 | 255 | 02999 | 151 | 03995 | 130 | 05996 | | | 03 | 8 |
| 03 | | | | | | | | | | |
| 026 | 290 | 32 0 | 278 | 34 0 | 175 | 34**0 | 158 | 35**0 | 02 | 2 |
| 171 | 310 | 42 9 | 205 | 50 0 | 186 | 40**0 | 114 | 24**0 | 02 | 2 |
| | 104 | 27 0 | | | | | | | 02 | 2 |
| 476 | 306 | 34 0 | 293 | 31 0 | 272 | 33**0 | 220 | 37**0 | 02 | 2 |
| | 185 | 37 0 | 119 | 26 0 | 084 | 20**0 | | | 02 | 2 |
| 953 | 183 | 30 0 | 126 | 27 0 | 108 | 28**0 | 094 | 19**0 | 03 | 2 |
| | 081 | 20 0 | | | | | | | 03 | 2 |
| 04 | | | | | | | | | | |
| 202 | 516 | 87975 | 409 | 96990 | | | 388 | 98993 | 03 | 1 |
| | 289 | 11999 | 266 | 10992 | | | | | 03 | 1 |
| 220 | 483 | 85894 | 414 | 91943 | 368 | 91949 | 274 | 98997 | 03 | 8 |
| | 229 | 04990 | | | | | | | 03 | 8 |
| 270 | 545 | 65709 | 510 | 70751 | 448 | 75774 | 327 | 90963 | 03 | 1 |
| | 148 | 23990 | 101 | 68 | 083 | 70*** | 101 | 58*** | 03 | 1 |
| 340 | 322 | 06999 | 118 | 09999 | | | | | 03 | 8 |
| 06 | | | | | | | | | | |
| 260 | 527 | 82891 | 503 | 84951 | 466 | 88940 | 440 | 90*** | 02 | 8 |
| | 395 | 94 | 347 | 00 | 289 | 06*** | 250 | 05*** | 02 | 8 |
| | 220 | 06 | 203 | 02 | 160 | 02*** | 124 | 05*** | 02 | 8 |
| | 067 | 09 | 022 | 10 | | | | | 02 | 8 |
| 447 | 286 | 07 6 | 238 | 03 5 | 145 | 03**6 | 115 | 08**8 | 03 | 8 |
| | 100 | 09 8 | 078 | 09 4 | | | | | 03 | 8 |
| 610 | 419 | 90 7 | 324 | 03 7 | 273 | 08**4 | 225 | 07**7 | 05 | 8 |
| | 206 | 05 4 | 156 | 05 4 | | | | | 05 | 8 |
| 07 | | | | | | | | | | |
| 110 | 292 | 99 4 | 225 | 01 4 | 138 | 01**4 | 126 | 03**7 | 02 | 8 |
| | 104 | 05 7 | 081 | 05 7 | | | | | 02 | 8 |
| 145 | 265 | 99 0 | 304 | 08 1 | 265 | 07**4 | 235 | 03**7 | 02 | 8 |
| | 213 | 05 4 | 174 | 05 4 | | | | | 02 | 8 |
| 190 | 474 | 83897 | 379 | 95 0 | 310 | 05**4 | 294 | 05**4 | 02 | 8 |
| | 250 | 02 7 | 177 | 04 0 | 160 | 02**0 | 082 | 02**0 | 02 | 8 |
| | 070 | 08 4 | | | | | | | 02 | 8 |
| 480 | 553 | 76797 | 500 | 81830 | 433 | 88911 | 385 | 93**0 | 02 | 8 |
| | 318 | 02 4 | 255 | 08 4 | 232 | 07**7 | 200 | 08**4 | 02 | 8 |
| | 144 | 06 0 | 107 | 07 7 | | | | | 02 | 8 |
| 510 | 466 | 82844 | 414 | 90921 | 394 | 93**7 | 300 | 04**4 | 02 | 5 |
| | 275 | 04 7 | 200 | 06 4 | 110 | 06**4 | | | 02 | 5 |
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| | 518 | 81823 | 470 | 83846 | 442 | 86888 | 394 | 91**0 | 02 | 5 |
| | 332 | 98 7 | 314 | 02 4 | 283 | 06**0 | 208 | 10**1 | 02 | 5 |
| | 171 | 06 4 | | | | | | | 02 | 5 |
| 08 | | | | | | | | | | |
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| 384 | 364 | 01991 | 322 | 04990 | | | | | 03 | 5 |
| 633 | 226 | 01991 | 192 | 03995 | 150 | 02996 | | | 03 | 5 |
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| | 195 | 01995 | | | | | | | 03 | 5 |
| 11 | | | | | | | | | | |
| 030 | 247 | 01996 | 158 | 01994 | 104 | 06990 | | | 03 | 5 |
| 15 | | | | | | | | | | |
| 420 | 285 | 98 | 236 | 10 | 200 | 13*** | | | 03 | 8 |
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| 240 | 212 | 03994 | 065 | 11991 | | | | | 02 | 5 |
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| 17 | | | | | | | | | | |
| 062 | 400 | 81878 | 355 | 87933 | 227 | 08995 | 142 | 20998 | 03 | 8 |
| 21 | | | | | | | | | | |
| 422 | 295 | 01 | | | | | | | 02 | 5 |
| 802 | 339 | 85 | | | | | | | 04 | 5 |

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| 909 | 083 | 08 | | | | | | | 02 | 5 |
| 24 | | | | | | | | | | |
| 170 | 289 | 81 | | | | | | | 02 | 5 |
| 25 | | | | | | | | | | |
| 072 | 411 | 80821 | 308 | 97 | 251 | 08*** | | | 01 | 5 |
| 165 | 392 | 98 | 301 | 12 | 282 | 12*** | 270 | 07*** | 02 | 5 |
| 178 | 768 | 70713 | 696 | 73815 | 688 | 73816 | | | 02 | 5 |
| 181 | 811 | 61686 | 747 | 62674 | 696 | 65726 | 685 | 66730 | 03 | 5 |
| | 665 | 67731 | | | | | | | 03 | 5 |
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| 087 | 227 | 10 | | | | | | | 02 | 5 |
| 090 | 366 | 06 | 277 | 45 | | | | | 03 | 5 |
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| 213 | 706 | 72811 | 648 | 74828 | | | | | 02 | 5 |
| 28 | | | | | | | | | | |
| 919 | 562 | 86 | 427 | 94 | 375 | 02*** | 342 | 06*** | 02 | 5 |
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| 263 | 136 | 98 | | | | | | | 03 | 5 |
| 269 | 606 | 77800 | 568 | 79832 | | | | | 02 | 5 |
| 816 | 312 | 98065 | 263 | 99066 | 184 | 07*** | 120 | 96*34 | 01 | 5 |
| 40 | | | | | | | | | | |
| 427 | 390 | 87161 | 372 | 78600 | 225 | 25**0 | 220 | 16**0 | 02 | 2 |
| | 125 | | | | | | | | 02 | 2 |
| 648 | 217 | 25 0 | 189 | 16 0 | 162 | 12**0 | 146 | 18**0 | 02 | 2 |
| | 135 | 18 0 | 124 | 15 0 | 083 | 14**0 | 075 | 17**0 | 02 | 2 |
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| 475 | 342 | 81 | | | | | | | 15 | 1 |
| 909 | 300 | 84 | | | | | | | 14 | 1 |
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| | 233 | 07994 | 201 | 05990 | 133 | 01990 | 125 | 01990 | 03 | 1 |
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| | 290 | 99993 | 244 | 00992 | 221 | 02995 | 182 | 00990 | 04 | 1 |
| | 155 | 00990 | 147 | 01997 | 140 | 00990 | 131 | 01995 | 04 | 1 |
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| | 185 | 01997 | 176 | 01990 | 145 | 02998 | | | 03 | 1 |
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| 635 | 564 | 68995 | 542 | 69993 | 474 | 76995 | 454 | 75990 | 04 | 1 |
| | 365 | 89992 | | | | | | | 04 | 1 |
| 646 | 121 | 08992 | | | | | | | 03 | 1 |
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| | 199 | 10 0 | 174 | 08 1 | 133 | 09**0 | | | 02 | 5 |
| 715 | 688 | 59655 | 668 | 61662 | 596 | 62769 | 500 | 73902 | 14 | 5 |
| | 476 | 74912 | 403 | 85983 | 286 | 98**0 | | | 14 | 5 |
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| | 137 | 04996 | 116 | 01996 | 108 | 04990 | | | 03 | 1 |
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| | 070 | 00990 | 062 | 95992 | 047 | 95998 | | | 03 | 1 |
| 361 | 618 | 61655 | 584 | 63663 | 420 | 79921 | 356 | 89993 | 03 | 1 |
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| 394 | 290 | 90961 | 153 | 21995 | 113 | 20994 | 065 | 18995 | 03 | 1 |
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| | 182 | 04991 | 132 | 11996 | | | | | 03 | 1 |
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| 775 | 230 | 98999 | 217 | 97991 | 193 | 01994 | 164 | 98999 | 03 | 1 |
| 785 | 157 | 00996 | 089 | 05993 | 047 | 09990 | | | 03 | 1 |
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| 917 | 150 | 05995 | | | | | | | 03 | 1 |
| 924 | 051 | 11998 | | | | | | | 03 | 1 |
| 938 | 477 | 87934 | 439 | 86935 | 252 | 02999 | 230 | 01995 | 03 | 6 |
| 945 | 578 | 65839 | 386 | 87983 | 237 | 09991 | 156 | 02996 | 03 | 1 |
| 964 | 527 | 68991 | 230 | 16993 | 160 | 06991 | 101 | 58*** | 03 | 1 |
| 968 | 614 | 65694 | 586 | 65695 | 417 | 82853 | | | 04 | 1 |
| | 354 | 88995 | 268 | 06997 | 243 | | 157 | 04998 | 04 | 1 |
| 74 | | | | | | | | | | |
| 043 | 540 | 69722 | 227 | 13995 | 150 | 04993 | | | 03 | 1 |
| 072 | 540 | 88931 | 527 | 86928 | 241 | 07993 | 129 | 06991 | 03 | 6 |
| 198 | 748 | 02507 | 431 | 01531 | 638 | 55572 | 602 | 55571 | 04 | 1 |
| | 594 | 59674 | 570 | 61672 | 471 | 75991 | 325 | 90990 | 04 | 1 |
| | 264 | 01990 | 101 | 58 | | | | | 04 | 1 |
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| 644 | 143 | 17993 | 078 | 25990 | 070 | 17999 | 065 | 17999 | 03 | 6 |
| | 062 | 13997 | | | | | | | 03 | 6 |
| 679 | 286 | 90990 | 169 | 16995 | 148 | 14997 | 112 | 22996 | 03 | 6 |
| 78 | | | | | | | | | | |
| 016 | 325 | 90990 | 267 | 96997 | 213 | 02992 | 172 | 10998 | 03 | 1 |
| | 148 | 10991 | 101 | 58 | | | | | 03 | 1 |
| 325 | 128 | 17993 | 086 | 25994 | 050 | 09994 | 042 | 09999 | 03 | 1 |
| 355 | 155 | 18997 | 145 | 16997 | 082 | 26994 | 074 | 22990 | 03 | 1 |
| | 065 | 11995 | 060 | 13995 | 050 | 08995 | 040 | 08993 | 03 | 1 |
| 526 | 686 | 07052 | 552 | 53543 | | | | | 03 | 1 |
| 806 | 472 | 57994 | 445 | 60749 | 368 | 71804 | 280 | 85954 | 03 | 1 |
| | 154 | 17993 | 101 | 58 | | | | | 03 | 1 |
| 91 | | | | | | | | | | |
| 066 | 366 | 76991 | 264 | 89990 | 120 | 26998 | 094 | 31998 | 03 | 1 |
| | 075 | 81996 | 060 | 27990 | 052 | 17994 | 041 | 12997 | 03 | 1 |
| 115 | 347 | 74998 | 270 | 89994 | 243 | 91990 | 138 | 17995 | 03 | 1 |
| | 131 | 17998 | 112 | 24992 | 081 | 26994 | 036 | 04993 | 03 | 1 |
| | 035 | 01995 | 021 | 91990 | 010 | 85998 | 101 | 58*** | 03 | 1 |
| 165 | 253 | 97994 | 114 | 19993 | | | | | 03 | 1 |
| 182 | 155 | 10995 | 088 | 24998 | 060 | 09996 | | | 03 | 1 |

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

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| | 040 | 06998 | 035 | 98998 | 024 | 97998 | 015 | 85990 | 03 | 1 |
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| | 152 | 17999 | 135 | 18990 | 092 | 32998 | 085 | 31996 | 03 | 1 |
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| 275 | 155 | 02998 | 101 | 58 | | | | | 03 | 1 |
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| | 378 | 68995 | 360 | 68998 | 106 | 31997 | | | 03 | 6 |
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| 98 | | | | | | | | | | |
| 223 | 258 | 90999 | 151 | 18990 | 090 | 31999 | 030 | 16990 | 03 | |
| QLL | | OCEAN | STA | | | | | | | |
| 034 | 105 | 19999 | 066 | 18992 | | | | | 03 | 1 |
| 041 | 472 | 72885 | 442 | 77930 | 408 | 80961 | 253 | 09**1 | 02 | 5 |
| | 201 | 18 1 | 080 | 14 0 | | | | | 02 | 5 |
| 044 | 280 | 00993 | 132 | 11993 | | | 103 | 12990 | 03 | 1 |
| | 092 | 13992 | | | | | | | 03 | 1 |
| 052 | 145 | 20 0 | 118 | 26 0 | | | | | 02 | 2 |
| 053 | 410 | 76904 | 318 | 90990 | 164 | 25995 | 145 | 17992 | 03 | 1 |
| | 132 | 18994 | | | | | | | 03 | 1 |
| 055 | 329 | 88999 | 223 | 10991 | 154 | 20993 | 145 | 15993 | 03 | 1 |
| | 111 | 16991 | 072 | 15993 | | | | | 03 | 1 |
| 062 | 260 | 45 0 | 240 | 47 0 | 230 | 44**0 | 175 | 44**0 | 02 | 7 |
| | 120 | 27 0 | | | | | | | 02 | 7 |
| 063 | 519 | 77931 | 490 | 78936 | 420 | 86*** | 349 | 92*** | 02 | 8 |
| | 328 | 92 | 240 | 02 | 191 | 02*** | 130 | 08*** | 02 | 8 |
| 124 | 070 | 09999 | 055 | 14995 | 040 | 11993 | | | 03 | 1 |
| 223 | 568 | 61 | 546 | 58 | 469 | 64*** | 451 | 66*** | 02 | 1 |
| | 385 | 74 | 343 | 78 | 330 | 80*** | 315 | 81*** | 02 | 1 |
| | 251 | 91 | 240 | 93 | 228 | 94*** | 216 | 95*** | 02 | 1 |
| | 195 | 00 | | | | | | | 02 | 1 |
| 246 | 278 | 01995 | 218 | 98998 | | | | | 03 | 1 |
| 360 | 239 | 06 6 | 223 | 04 5 | 174 | 04**3 | 164 | 06**8 | 02 | 5 |
| | 140 | 06 0 | 100 | 11 1 | 094 | 12**0 | | | 02 | 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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| 384 | 223 | 07 | 138 | 07 | | | | | 03 | 8 |
| 415 | 273 | 16997 | 248 | 09997 | 220 | 08992 | | | 03 | 5 |
| 02 | | | | | | | | | | |
| 062 | 393 | 01036 | 326 | 10997 | 291 | 12993 | | | 03 | 8 |
| 077 | 184 | 04998 | 137 | 07999 | 118 | 06999 | 088 | 11998 | 03 | 5 |
| 084 | 249 | 02991 | 222 | 03990 | 200 | 03991 | 190 | 04990 | 03 | 8 |
| | 177 | 03996 | | | | | | | 03 | 8 |
| 03 | | | | | | | | | | |
| 005 | 178 | 34 0 | 147 | 37 0 | | | | | 03 | 7 |
| 476 | 244 | 34 0 | 181 | 27 0 | 097 | 28**0 | | | 03 | 2 |
| 953 | 167 | 19 0 | 150 | 26 0 | 134 | 28**0 | | | 03 | 2 |
| 04 | | | | | | | | | | |
| 220 | 179 | 09994 | 113 | 12997 | | | | | 03 | 5 |
| 340 | 273 | 12993 | 233 | 06998 | 117 | 13992 | | | 03 | 8 |
| 06 | | | | | | | | | | |
| 180 | 250 | 04 6 | 238 | 02 9 | 162 | 05**7 | | | 03 | 5 |
| 260 | 611 | 69804 | 553 | 73869 | 439 | 87949 | 360 | 98*** | 02 | 8 |
| | 261 | 12 | 234 | 09 | 175 | 06*** | 101 | 08*** | 02 | 8 |
| | 082 | 13 | 050 | 15 | | | | | 02 | 8 |
| 447 | 108 | 07 6 | | | | | | | 03 | 8 |
| 610 | 412 | 89915 | 381 | 93 1 | 295 | 07**4 | 187 | 04**0 | 05 | 8 |
| 07 | | | | | | | | | | |
| 110 | 600 | 70762 | 520 | 78867 | 490 | 82886 | 342 | 95**7 | 02 | 8 |
| | 324 | 92 4 | 296 | 94 4 | 282 | 94**4 | 240 | 96**0 | 02 | 8 |
| | 154 | 05 7 | | | | | | | 02 | 8 |
| 145 | 618 | 68683 | 584 | 70714 | 536 | 73744 | 382 | 90918 | 02 | 8 |
| | 290 | 02 7 | 260 | 06 0 | 215 | 02**7 | 125 | 02**7 | 02 | 8 |
| | 082 | 07 7 | | | | | | | 02 | 8 |
| 190 | 542 | 75794 | 520 | 74805 | 447 | 84888 | 427 | 87902 | 02 | 8 |
| | 355 | 90 0 | 294 | 04 4 | 254 | 04**4 | 227 | 03**1 | 02 | 8 |
| 480 | 273 | 06 7 | 161 | 05 1 | 118 | 07**1 | | | 02 | 8 |
| 510 | 550 | 70733 | 433 | 84894 | 388 | 90942 | 325 | 01**0 | 02 | 5 |
| | 280 | 99 7 | 225 | 00 1 | 118 | 06**0 | 100 | 06**4 | 02 | 5 |
| 645 | 600 | 65675 | 520 | 74753 | 482 | 76784 | 450 | 81830 | 02 | 5 |
| | 380 | 87895 | 348 | 94 1 | 314 | 97**4 | 288 | 98**4 | 02 | 5 |
| | 260 | 01 7 | 245 | 00 0 | 176 | 98**4 | 132 | | 02 | 5 |
| | 101 | 00 0 | | | | | | | 02 | 5 |
| 08 | | | | | | | | | | |
| 521 | 334 | 86974 | 286 | 95995 | 177 | 17998 | 148 | 20993 | 14 | 8 |
| | 128 | 16998 | 119 | 18997 | 085 | 19991 | | | 14 | 8 |
| 10 | | | | | | | | | | |
| 384 | 270 | 07993 | 225 | 05994 | | | | | 03 | 5 |
| 633 | 276 | 10996 | 242 | 08997 | 212 | 03996 | 120 | 08990 | 03 | 5 |
| 866 | 282 | 07996 | 223 | 04991 | 213 | 05997 | | | 03 | 5 |
| 11 | | | | | | | | | | |
| 030 | 110 | 07995 | | | | | | | 03 | 5 |
| 16 | | | | | | | | | | |
| 716 | 593 | 57990 | 527 | 63990 | 400 | 78991 | | | 04 | 1 |
| 17 | | | | | | | | | | |
| 062 | 600 | 61998 | 548 | 67993 | 487 | 71996 | 400 | 82996 | 03 | 8 |
| 130 | 542 | 63997 | 400 | 78901 | 369 | 81914 | 348 | 85961 | 03 | 8 |
| | 261 | 02999 | 178 | 14994 | 113 | 14991 | | | 03 | 8 |
| 21 | | | | | | | | | | |
| 153 | 376 | 97 | 304 | 00 | 205 | 02*** | | | 02 | 5 |
| 169 | 339 | 00 | | | | | | | 02 | 5 |
| 22 | | | | | | | | | | |
| 357 | 256 | 07 | 211 | 07 | 156 | 07*** | | | 02 | 5 |
| 887 | 108 | 07 | 080 | 07 | | | | | 02 | 5 |
| 25 | | | | | | | | | | |
| 054 | 613 | 66 | 466 | 88 | 349 | 96*** | | | 02 | 5 |
| 058 | 306 | 98 | 259 | 07 | | | | | 02 | 5 |
| 159 | 374 | 91 | 347 | 13 | 278 | 00000 | | | 02 | 5 |
| 178 | 218 | 63 9 | 206 | 65 3 | | | | | 03 | 5 |
| 181 | 831 | 50742 | 779 | 53773 | 736 | 56719 | 683 | 60765 | 03 | 5 |
| | 678 | 60865 | 625 | 65867 | | | | | 03 | 5 |
| 26 | | | | | | | | | | |
| 087 | 315 | 01 | | | | | | | 03 | 5 |
| 107 | 409 | 87 | 323 | 98 | | | | | 03 | 5 |
| 145 | 753 | 72692 | 676 | 65746 | 598 | 68773 | | | 03 | 5 |
| 580 | 502 | 90 | 304 | 02 | 976 | 03*** | 226 | 09*** | 02 | 5 |
| | 206 | 10 | 198 | 12 | | | | | 02 | 5 |
| 27 | | | | | | | | | | |
| 213 | 670 | 70812 | 659 | 75813 | 653 | 75821 | 645 | 75821 | 02 | 5 |
| 29 | | | | | | | | | | |
| 263 | 240 | 08 | 082 | 02 | | | | | 02 | 5 |
| 269 | 793 | 68710 | 754 | 72339 | 738 | 72787 | 652 | 77797 | 02 | 5 |
| 816 | 389 | 92983 | 319 | 03060 | 267 | 01060 | | | 01 | 5 |
| 823 | 261 | 00 | | | | | | | 02 | 5 |
| 42 | | | | | | | | | | |
| 339 | 230 | 06 | | | | | | | 15 | 1 |
| 475 | 390 | 69 | 168 | 12 | | | | | 15 | 1 |
| 909 | 250 | 87 | 227 | 91 | | | | | 14 | 1 |
| 45 | | | | | | | | | | |
| 005 | 520 | 35770 | 273 | 66430 | 175 | 20**0 | 105 | 87**0 | 01 | 2 |
| | 096 | 85 0 | 091 | 88 0 | 088 | 87**0 | 040 | | 01 | 2 |
| | 072 | 06 0 | | | | | | | 01 | 2 |
| 47 | | | | | | | | | | |
| 401 | 410 | 88996 | 350 | 96992 | 322 | 97994 | 285 | 03994 | 03 | 1 |
| | 261 | 03995 | 228 | 03991 | 218 | 04993 | 134 | 07990 | 03 | 1 |
| 412 | 190 | 03993 | 101 | 58 | | | | | 03 | 1 |
| 580 | 556 | 73833 | 520 | 76795 | 510 | 76855 | 456 | 83874 | 03 | 1 |
| | 302 | 01991 | 290 | 02998 | 101 | 58*** | | | 03 | 1 |
| 582 | 315 | 96990 | 305 | 98990 | 252 | 04992 | 315 | 06995 | 03 | 1 |
| | 185 | 03993 | 171 | 03990 | 160 | 00997 | 148 | 01990 | 03 | 1 |
| | 112 | 00990 | 077 | 02992 | 066 | 98999 | 056 | 04990 | 03 | 1 |
| 590 | 460 | 73766 | 385 | 84991 | 348 | 91993 | 272 | 03990 | 03 | 1 |
| | 248 | 04994 | 212 | 03990 | 179 | 04994 | 158 | 03990 | 03 | 1 |
| 600 | 285 | 03994 | 246 | 04995 | 236 | 03994 | 223 | 04995 | 03 | 1 |
| | 162 | 02990 | 111 | 02996 | 101 | 58*** | | | 03 | 1 |
| 635 | 544 | 67820 | 525 | 66999 | 428 | 80998 | 412 | 83992 | 09 | 1 |
| | 345 | 90990 | 240 | 09997 | 219 | 07935 | | | 09 | 1 |
| | 101 | 68 | 052 | 40 | 038 | 34*** | 101 | 58*** | 09 | 1 |
| 646 | 229 | 04996 | 148 | 02998 | 085 | 09998 | 069 | 08991 | 09 | 1 |
| 671 | 365 | 90970 | 280 | 02998 | 260 | 02998 | 245 | 04990 | 03 | 1 |
| | 187 | 04991 | 161 | 04990 | 187 | 04991 | 161 | 04995 | 03 | 1 |
| | 079 | 17994 | 074 | 12997 | 067 | 15990 | 040 | 00998 | 03 | 1 |
| | 028 | 00997 | | | | | | | 03 | 1 |
| 744 | 328 | 88994 | 247 | 05990 | 208 | 05990 | 195 | 06992 | 03 | 1 |
| | 139 | 02998 | 120 | 06998 | 081 | 06992 | 075 | 07994 | 03 | 1 |
| 778 | 179 | 04995 | 167 | 05993 | 112 | 05992 | 101 | 58*** | 03 | 1 |
| 808 | 602 | 58993 | 544 | 64798 | 508 | 68995 | 468 | 73865 | 03 | 1 |
| | 430 | 78894 | 442 | 78862 | 338 | 58920 | 252 | 05995 | 03 | 1 |
| | 177 | 03996 | 101 | 68 | 077 | 88*** | 101 | 55*** | 03 | 1 |
| 827 | 244 | 97999 | 190 | 00990 | 168 | 06093 | 120 | 15996 | 04 | 1 |
| | 112 | 18993 | 090 | 13997 | 080 | 13993 | 054 | 01997 | 04 | 1 |
| 931 | 506 | 54721 | 278 | 87994 | 184 | 08990 | 162 | 08994 | 03 | 1 |
| | 025 | 98990 | 101 | 58 | | | | | 03 | 1 |
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| 390 | 691 | 61619 | 659 | 62621 | 637 | 65660 | 594 | 66686 | 02 | 5 |
| | 580 | 69724 | 457 | 76781 | 439 | 79827 | 355 | 89927 | 02 | 5 |
| | 308 | 99 1 | 259 | 08 1 | 218 | 09**1 | 196 | 13**1 | 02 | 5 |
| | 177 | 07 1 | 160 | 08 4 | | | | | 02 | 5 |
| 570 | 112 | 08 4 | 071 | 09 7 | | | | | 14 | 8 |
| 625 | 781 | 08634 | 611 | 57762 | 580 | 58771 | 420 | 79951 | 02 | 8 |
| | 340 | 90 1 | 206 | 12 1 | 134 | 12**1 | 097 | 18**4 | 02 | 8 |
| | 064 | 19 1 | 062 | 16 4 | 055 | 17**4 | | | 02 | 8 |
| 715 | 202 | 02 0 | 179 | 05 4 | 152 | 05**4 | | | 14 | 5 |
| 61 | | | | | | | | | | |
| 642 | 436 | 66991 | 270 | 94 4 | 167 | 20**2 | | | 07 | 5 |
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| | 066 | 00996 | 050 | 97990 | 030 | 00995 | 020 | 98999 | 03 | 1 |
| 261 | 084 | 98998 | | | | | | | 03 | 1 |
| 273 | 110 | 01993 | 090 | 97994 | 078 | 01995 | 067 | 00990 | 03 | 1 |
| | 065 | 97990 | | | | | | | 03 | 1 |
| 291 | 163 | 01994 | | | | | | | 03 | 1 |
| 308 | 144 | 96997 | 070 | 97992 | | | | | 03 | 1 |
| 381 | 365 | 90953 | 230 | 11993 | 140 | 01992 | 066 | 02999 | 03 | 1 |
| 454 | 312 | 98996 | 243 | 92995 | 192 | 95991 | | | 03 | 1 |

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| 219 | 188 | 07992 | 165 | 03993 | 139 | 09993 | 124 | 05995 | 03 | 1 |
| | 075 | 14998 | | | | | | | 03 | 1 |
| 232 | 314 | 87998 | 252 | 02990 | | | | | 03 | 1 |
| 240 | 348 | 84959 | 332 | 87995 | 186 | 14995 | 158 | 18994 | 03 | 1 |
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| 253 | 050 | 15990 | 030 | 06990 | | | | | 03 | 1 |
| 259 | 732 | 04674 | 667 | 02990 | 470 | 67825 | 420 | 74822 | 04 | 1 |
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| 278 | 148 | 24998 | 140 | 18998 | 115 | 21997 | 086 | 18999 | 03 | 1 |
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| | 075 | 11997 | | | | | | | 03 | 1 |
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| | 075 | 15997 | 068 | 12996 | | | | | 03 | 1 |
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| | 075 | 19994 | 068 | 15999 | 033 | 11996 | | | 03 | 1 |
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| 476 | 400 | 77805 | 312 | 90962 | 175 | 17996 | 158 | 18995 | 03 | 1 |
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| 534 | 400 | 88953 | 270 | 09997 | 255 | 05993 | 185 | 00998 | 03 | 1 |
| | 064 | 08995 | | | | | | | 03 | 1 |
| 536 | 400 | 92994 | 253 | 02994 | 150 | 01998 | | | 03 | 1 |
| 553 | 340 | 97998 | 082 | 10992 | 062 | 08995 | | | 03 | 1 |
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| 576 | 178 | 13997 | 112 | 05995 | 098 | 07996 | 066 | 10998 | 03 | 1 |
| | 037 | 08999 | | | | | | | 03 | 1 |
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| | 116 | 01991 | | | | | | | 03 | 1 |
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| 775 | 375 | 89995 | 225 | 07991 | 150 | 07998 | 110 | 04996 | 03 | 1 |
| | 088 | 09993 | | | | | | | 03 | 1 |
| 785 | 127 | 08991 | 063 | 08997 | | | | | 03 | 1 |
| 798 | 353 | 89941 | 256 | 08994 | 222 | 10992 | 068 | 06999 | 04 | 1 |
| 815 | 342 | 90990 | 318 | 92992 | 252 | 04994 | 236 | 00990 | 03 | 1 |
| | 215 | 01991 | 206 | 00990 | 176 | 04994 | 134 | 01994 | 03 | 1 |
| | 112 | 06994 | 101 | 58 | | | | | 03 | 1 |
| 816 | 270 | 01990 | 101 | 55 | | | | | 03 | 1 |
| 826 | 430 | 89926 | 317 | 00991 | 231 | 95997 | 101 | 55*** | 03 | 1 |
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| | 515 | 83925 | 438 | 90971 | 331 | 01991 | | | 03 | 1 |
| 867 | 237 | 98991 | 116 | | | | | | 03 | 1 |
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| | 191 | 06995 | | | | | | | 03 | 6 |
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| 968 | 266 | 05994 | 252 | 04995 | 101 | 55*** | | | 03 | 1 |
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| | 338 | 90990 | 237 | 07996 | 227 | 05995 | 217 | 06994 | 03 | 1 |
| | 207 | 06991 | 183 | 09997 | 153 | 08990 | 142 | 10990 | 03 | 1 |
| | 112 | 07996 | 101 | 58 | | | | | 03 | 1 |
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| | 080 | 27998 | 063 | 23994 | | | | | 02 | 1 |
| 491 | 471 | 64732 | 376 | 76904 | 324 | 82994 | 288 | 90990 | 02 | 6 |
| | 222 | 05993 | 162 | 15997 | | | | | 02 | 6 |
| 644 | 085 | 15998 | 050 | 11993 | 042 | 10990 | | | 03 | 6 |
| 679 | 195 | 09990 | | | | | | | 03 | 6 |
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| 367 | 517 | 57994 | 467 | 64721 | 455 | 63998 | 415 | 67999 | 03 | 1 |
| | 155 | 18993 | | | | | | | 03 | 1 |
| 501 | 163 | 15998 | 150 | 16992 | | | | | 03 | 1 |
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| | 030 | 04995 | 025 | 99996 | 020 | 98997 | 014 | 92990 | 03 | 1 |
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| | 132 | 17994 | 183 | 50904 | | | | | 03 | 1 |
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| | 255 | 90990 | 197 | 04995 | 101 | 58*** | | | 09 | 1 |
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| | 089 | 24996 | | | | | | | 03 | 6 |
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| QLL | | OCEAN | STA | | | | | | | |
| 034 | 483 | 66995 | 417 | 76885 | 340 | 89961 | 234 | 04999 | 03 | 1 |
| | 234 | 04999 | 162 | 12992 | 150 | 11997 | 108 | 18994 | 03 | 1 |
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| 044 | 101 | 67 | 039 | 35 | | | | | 03 | 1 |
| 052 | 127 | 09 0 | 106 | 04 0 | 008 | 15**0 | | | 02 | 2 |
| 053 | 108 | 14994 | | | | | | | 03 | 1 |
| 055 | 150 | 07995 | 077 | 11990 | 063 | 14994 | | | 04 | 1 |
| 062 | 025 | | | | | | | | 02 | 2 |
| 063 | 260 | 08 | | | | | | | 02 | 8 |
| 124 | 308 | 90983 | 254 | 00990 | 158 | 07995 | | | 03 | 1 |
| 134 | 179 | 03997 | 092 | 13995 | | | | | 03 | 1 |
| | 101 | 68 | 046 | 40 | 040 | 37*** | | | 03 | 1 |
| 154 | 121 | 00995 | 085 | 04996 | | | | | 03 | 1 |
| 223 | 636 | 52 | 576 | 57 | 534 | 58*** | 436 | 67*** | 03 | 1 |
| | 379 | 75 | 365 | 78 | 337 | 83*** | 272 | 88*** | 03 | 1 |
| | 227 | 93 | 216 | 95 | 193 | 97*** | 184 | 97*** | 03 | 1 |
| | 175 | 98 | | | | | | | 03 | 1 |
| 235 | 766 | 51 | 743 | 51 | 722 | 52*** | 660 | 55*** | 02 | 1 |
| | 640 | 58 | 580 | 63 | 560 | 66*** | 540 | 67*** | 02 | 1 |
| | 520 | 67 | 486 | 71 | 468 | 73*** | 452 | 75*** | 02 | 1 |
| 246 | 438 | 89964 | 228 | 05991 | 141 | 01994 | | | 04 | 1 |
| 360 | 335 | 05 6 | 321 | 06 4 | 193 | 03**3 | 164 | 06**5 | 02 | 5 |
| | 141 | 06 6 | 110 | 11 5 | 100 | 12**0 | 083 | 14**7 | 02 | 5 |

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| | 230 | 07998 | 150 | 07996 | 100 | 12993 | | | 03 | 5 |
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| 415 | 484 | 86903 | 464 | 86919 | 400 | 97012 | 308 | 12994 | 03 | 5 |
| | 241 | 06991 | | | | | | | 03 | 5 |
| 02 | | | | | | | | | | |
| 062 | 344 | 05991 | 276 | 14994 | 210 | 10997 | 145 | 11997 | 03 | 8 |
| | 106 | 14991 | | | | | | | 03 | 8 |
| 077 | 206 | 11999 | 089 | 15994 | | | | | 03 | 5 |
| 084 | 292 | 08998 | 262 | 12990 | 194 | 08990 | 113 | 10998 | 03 | 8 |
| 836 | 255 | 10995 | 228 | 08991 | 176 | 08991 | 120 | 13997 | 03 | 7 |
| | 101 | 14994 | | | | | | | 03 | 7 |
| 974 | 091 | 14 0 | | | | | | | 03 | 2 |
| 03 | | | | | | | | | | |
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| | 205 | 35 0 | 075 | 16 0 | | | | | 02 | 2 |
| 026 | 075 | 21 0 | | | | | | | 02 | 2 |
| 171 | 181 | 39 0 | | | | | | | 02 | 2 |
| 953 | 432 | 75540 | 312 | 46 0 | 307 | 48**0 | 234 | 33**0 | 03 | 2 |
| | 220 | 36 0 | 080 | 20 0 | | | | | 03 | 2 |
| 04 | | | | | | | | | | |
| 220 | 228 | 15990 | 156 | 09991 | | | | | 03 | 8 |

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| 06 | | | | | | | | | | |
| 180 | 236 | 05 2 | 159 | 06 3 | | | | | 03 | 5 |
| 260 | 364 | 01 | 343 | 02 | 291 | 04*** | 275 | 02*** | 02 | 8 |
| | 246 | 05 | 216 | 02 | 197 | 07*** | 173 | 03*** | 02 | 8 |
| | 146 | 07 | 085 | 12 | 053 | 15*** | | | 02 | 8 |
| 447 | 319 | 00 0 | 280 | 04 9 | 248 | 00**8 | 225 | 02**4 | 03 | 8 |
| | 125 | 05 9 | 085 | 09 5 | 047 | 75**1 | | | 03 | 8 |
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| | 298 | 01 4 | 225 | 08 4 | 187 | 08**4 | | | 05 | 8 |
| 07 | | | | | | | | | | |
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| | 145 | 07 4 | | | | | | | 02 | 8 |
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| | 217 | 08 1 | 182 | 00 4 | 147 | 08**1 | 138 | 09**1 | 02 | 8 |
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| | 117 | 08 4 | | | | | | | 02 | 8 |
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| | 175 | 07 0 | | | | | | | 02 | 8 |
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| | 251 | 06 7 | 200 | 10 7 | 165 | 09**1 | 143 | 10**1 | 02 | 5 |
| | 126 | 13 4 | 106 | 13 4 | | | | | 02 | 5 |
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| | 444 | 82885 | 372 | 88932 | 308 | 01**7 | 237 | 08**0 | 02 | 5 |
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| | 072 | 08 4 | | | | | | | 02 | 5 |
| 08 | | | | | | | | | | |
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| | 164 | 15998 | 087 | 17994 | 068 | 16990 | | | 14 | 8 |
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| 384 | 405 | 90990 | 281 | 11992 | 225 | 09995 | 173 | 07998 | 03 | 5 |
| 633 | 317 | 07990 | 287 | 08995 | 265 | 06995 | 236 | 07998 | 03 | 5 |
| | 210 | 04997 | 084 | 13995 | | | | | 03 | 5 |
| 866 | 235 | 07995 | 201 | 07993 | | | | | 03 | 5 |
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| 030 | 224 | 06995 | 206 | 07995 | 171 | 04994 | | | 03 | 5 |
| 567 | 260 | 06 | | | | | | | 03 | 5 |
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| 420 | 191 | 11 | | | | | | | 03 | 8 |
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| 080 | 100 | 09993 | | | | | | | 02 | 1 |
| 716 | 350 | 87941 | 254 | 02994 | 169 | 10994 | | | 03 | 1 |
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| 606 | 504 | 06930 | 422 | 87750 | 416 | 86650 | 387 | 83620 | 02 | 2 |
| | 278 | 61 | 181 | 18 0 | 039 | 24**0 | | | 02 | 2 |
| 21 | | | | | | | | | | |
| 221 | 232 | 11 | | | | | | | 02 | 5 |
| 422 | 280 | 06 | 219 | 06 | | | | | 02 | 5 |
| 802 | 303 | 52 | 311 | 05 | 283 | 06*** | 265 | 06*** | 02 | 5 |
| 834 | 271 | 09 | | | | | | | 02 | 5 |
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| 357 | 285 | 06 | | | | | | | 02 | 5 |
| 887 | 144 | 04 | | | | | | | 02 | 5 |
| 907 | 254 | 15 | | | | | | | 02 | 5 |
| 909 | 212 | 15 | | | | | | | 02 | 5 |
| 935 | 314 | 90 | 208 | 08 | | | | | 02 | 5 |
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| 625 | 137 | 00 | | | | | | | 02 | 5 |
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| 170 | 229 | 12 | | | | | | | 02 | 5 |
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| 058 | 200 | 16 | 187 | 16 | | | | | 02 | 5 |
| 072 | 249 | 10 | | | | | | | 02 | 5 |
| 159 | 221 | 08 | | | | | | | 02 | 5 |
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| 107 | 599 | 68882 | | | | | | | 02 | 5 |
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| 217 | 143 | 10 | 068 | 10 | | | | | 02 | 5 |
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| 816 | 244 | 00 1 | 174 | 0 7 | 148 | 00000 | | | 01 | 5 |
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| | 158 | 20 0 | 120 | 20 0 | 082 | 09**0 | 079 | 13**0 | 02 | 2 |
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| 005 | 672 | 35180 | 660 | 44250 | 582 | 43170 | 240 | 58**0 | 01 | 2 |
| | 185 | 33 0 | 161 | 27 0 | | | | | 01 | 2 |
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| 401 | 162 | 00993 | 154 | 98997 | 108 | 97994 | 094 | 96990 | 03 | 1 |
| | 087 | 97997 | 075 | 97995 | 069 | 98996 | 052 | 97994 | 03 | 1 |
| | 037 | 95990 | 101 | 58 | | | | | 03 | 1 |
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| | 208 | 01993 | 187 | 97995 | 165 | 00990 | 101 | 58*** | 03 | 1 |
| 582 | 302 | 01990 | 272 | 96996 | 242 | 00990 | 224 | 98996 | 03 | 1 |
| | 217 | 98999 | 195 | 97996 | 182 | 00990 | 169 | 98999 | 03 | 1 |
| | 152 | 03992 | 124 | 03994 | 112 | 01994 | 101 | 58*** | 03 | 1 |
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| 600 | 225 | 05997 | 169 | 03992 | 152 | 02991 | 132 | 02991 | 03 | 1 |
| | 115 | 04995 | 103 | 04995 | 087 | 03992 | 064 | 02991 | 03 | 1 |
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| 808 | 256 | 08996 | 214 | 11994 | 206 | 08995 | 177 | 59991 | 03 | 1 |
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| 931 | 568 | | 415 | 66996 | 378 | 72997 | 278 | 87992 | 03 | 1 |
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| | 489 | 63812 | 415 | 73914 | 377 | 79951 | 182 | 13**4 | 02 | 8 |
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| 026 | 304 | 07992 | 228 | 98999 | 153 | 01994 | | | 03 | 1 |
| 200 | 272 | 11992 | | | | | | | 03 | 1 |
| 219 | 124 | 00990 | | | | | | | 03 | 1 |
| 231 | 228 | 04998 | 217 | 06991 | 190 | 98999 | 173 | 01990 | 03 | 1 |
| | 080 | 01995 | 056 | 98995 | 023 | 98991 | | | 03 | 1 |
| 261 | 316 | 05996 | 218 | 98999 | 071 | 02996 | 063 | 00995 | 03 | 1 |
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| | 148 | 98995 | 101 | 58 | | | | | 03 | 1 |
| 291 | 516 | 89920 | 411 | 00995 | 243 | 00991 | 232 | 02998 | 03 | 1 |
| | 144 | 00990 | 123 | 01994 | | | | | 03 | 1 |
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| 409 | 232 | 02997 | | | | | | | | |
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| | 045 | 13993 | | | | | | | 03 | 1 |
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| | 113 | 16999 | | | | | | | 03 | 1 |
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| | 264 | 87990 | 172 | 10997 | 126 | 33997 | 097 | 11996 | 03 | 1 |
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| | 140 | 13 | 046 | 19 | | | | | 02 | 8 |
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| | 172 | 01 | 154 | 06 | | | | | 03 | 1 |
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| | 378 | 81 | 364 | 84 | 322 | 91*** | 285 | 97*** | 02 | 1 |
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| | 100 | 16 0 | 088 | 17 8 | | | | | 02 | 5 |

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| 02 | | | | | | | | | | |
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| | 190 | 12990 | | | | | | | 03 | 8 |
| 077 | 213 | 15999 | 204 | 12995 | 150 | 12990 | | | 03 | 5 |
| 084 | 505 | 79813 | 479 | 80835 | 394 | 92992 | 283 | 07999 | 03 | 8 |
| | 235 | 11997 | 207 | 09994 | 110 | 11999 | | | 03 | 8 |
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| 322 | 280 | 39 0 | 261 | 41 0 | 236 | 42**0 | 215 | 34**0 | 02 | 2 |
| | 085 | 23 0 | | | | | | | 02 | 2 |
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| 04 | | | | | | | | | | |
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| 06 | | | | | | | | | | |
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| | 268 | 01 | 234 | 03 | 228 | 04*** | 143 | 04*** | 02 | 8 |
| | 128 | 06 | 109 | 08 | | | | | 02 | 8 |
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| | 164 | 01 1 | | | | | | | 05 | 8 |
| 07 | | | | | | | | | | |
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| | 249 | 98 4 | 214 | 01 0 | 193 | 01**0 | 117 | 05**7 | 02 | 8 |
| 145 | 409 | 01 4 | 340 | 05 1 | 316 | 00**4 | 252 | 01**7 | 02 | 8 |
| | 200 | 01 0 | 155 | 01 0 | 114 | 04**7 | 078 | 07**7 | 02 | 8 |
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| | 306 | 05 1 | 291 | 05 4 | 230 | 02**4 | 162 | 02**4 | 02 | 8 |
| | 140 | 04 4 | 110 | 09 4 | 081 | 12**4 | | | 02 | 8 |
| 480 | 337 | 98 9 | 200 | 98 7 | 168 | 00000 | 140 | 03**1 | 02 | 8 |
| | 103 | 09 7 | 095 | 09 7 | | | | | 02 | 8 |
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| | 275 | 00 4 | 262 | 98 1 | 200 | 98**1 | 176 | 01**4 | 02 | 5 |
| | 158 | 05 0 | 142 | 07 4 | 120 | 07**4 | 100 | 05**7 | 02 | 5 |
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| | 206 | 07994 | 172 | 12995 | 070 | 16995 | | | 14 | 8 |
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| | 103 | 93 0 | | | | | | | 02 | 8 |
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| | 225 | 03 0 | 197 | 05 0 | 172 | 04**0 | 145 | 06**0 | 02 | 8 |
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| | 108 | 21 0 | 084 | 11 0 | | | | | 02 | 2 |
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| 422 | 255 | 06 | 200 | 06 | | | | | 02 | 5 |

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| 357 | 259 | 04 | | | | | | | 02 | 5 |
| 887 | 253 | 09 | 233 | 15 | 221 | 15*** | 210 | 12*** | 02 | 5 |
| | 187 | 12 | | | | | | | 02 | 5 |
| 909 | 214 | 10 | 158 | 10 | | | | | 02 | 5 |
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| 625 | 207 | 04 | 168 | 04 | | | | | 02 | 5 |
| 957 | 218 | 06 | 196 | 06 | | | | | 04 | 5 |
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| 617 | 214 | 05 | | | | | | | 02 | 5 |
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| | 602 | 79807 | | | | | | | 02 | 5 |
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| | 119 | 14 0 | 113 | 14 0 | 077 | 97**0 | 073 | | 01 | 2 |
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| 648 | 310 | 60430 | 286 | 54 0 | 230 | 31**0 | 208 | 22**0 | 01 | 2 |
| | 190 | 16 0 | 142 | 23 0 | 137 | 25**0 | 120 | 22**0 | 01 | 2 |
| | 074 | 12 0 | 054 | 18 0 | | | | | 01 | 2 |
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| 475 | 115 | 13 | | | | | | | 15 | 1 |
| 807 | 306 | 87 | 227 | 02 | | | | | 15 | 1 |
| 909 | 291 | 87 | | | | | | | 14 | 1 |
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| | 216 | 42 0 | 185 | 34 0 | 177 | 29**0 | 141 | 14**0 | 01 | 7 |
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| | 145 | 07993 | 000 | | 105 | 07995 | 082 | 10993 | 03 | 1 |
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| | 170 | 07992 | 143 | 04999 | | | | | 03 | 1 |
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| | 057 | 13992 | 036 | 08998 | | | | | 03 | 1 |
| 597 | 240 | 05999 | 217 | 07997 | | | | | 03 | 1 |
| 600 | 183 | 02997 | 117 | 06991 | 101 | 47*** | | | 04 | 1 |
| 606 | 145 | 02994 | 140 | 00999 | 061 | 10997 | | | 03 | 1 |
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| | 244 | 04991 | 168 | 00994 | 080 | 03992 | | | 03 | 1 |
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| | 452 | 84951 | 400 | 90990 | 244 | 04990 | 178 | 00990 | 03 | 1 |
| 764 | 653 | 61631 | 562 | 68719 | 466 | 78824 | 321 | 85954 | 03 | 1 |
| | 365 | 89983 | 235 | 09998 | 157 | 05995 | 145 | 03990 | 03 | 1 |
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| 775 | 240 | 06996 | 194 | 06992 | | | | | 03 | 1 |
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| 836 | 562 | 81907 | 469 | 90962 | 279 | 12993 | 101 | 58*** | 03 | 1 |
| 867 | 264 | 04997 | 223 | 04997 | 105 | 00999 | | | 03 | 1 |
| 896 | 312 | 01996 | 268 | 06991 | 260 | 02992 | 243 | 05990 | 03 | 1 |
| | 168 | 98996 | 140 | 03995 | 101 | 47*** | | | 03 | 1 |
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| | 113 | 98998 | 107 | 00990 | 101 | 58*** | | | 03 | 1 |
| 913 | 544 | 77894 | 432 | 90981 | 348 | 01995 | 302 | 03996 | 03 | 1 |
| | 117 | 00997 | 101 | 58 | | | | | 03 | 1 |
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| | 101 | 68 | 045 | 40 | | | | | 03 | 1 |
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| 938 | 327 | 97990 | 317 | 97990 | 257 | 02991 | 136 | 00990 | 03 | 1 |
| 945 | 607 | 64697 | 252 | 01997 | 225 | 00992 | 210 | 01997 | 03 | 1 |
| | 187 | 00990 | 099 | 98999 | | | | | | |
| 74 | | | | | | | | | | |
| 043 | 096 | 00990 | | | | | | | 03 | 1 |
| 072 | 320 | 05990 | 278 | 00990 | 210 | 97990 | | | 03 | 6 |
| 082 | 054 | 18995 | 101 | 58 | | | | | 03 | 1 |
| 090 | 535 | 78829 | 428 | 90930 | 289 | 04996 | 132 | 03998 | 03 | 1 |
| | 060 | 12 0 | 101 | 58 | | | | | 03 | 1 |
| 198 | 805 | 52541 | 786 | 51552 | 735 | 54643 | 655 | 61671 | 03 | 1 |
| | 615 | 61767 | 523 | 71765 | 452 | 79825 | 377 | 90932 | 03 | 1 |
| | 296 | 03995 | 101 | 58 | | | | | 03 | 1 |
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| 491 | 230 | 03992 | | | | | | | 02 | 1 |
| 679 | 166 | 18999 | 150 | 17997 | 112 | 21996 | | | 03 | 1 |
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| 016 | 324 | 90933 | 267 | 01992 | | | | | 03 | 1 |
| 325 | 075 | 26990 | 047 | 11996 | 034 | 08991 | | | 03 | 1 |
| 367 | | | | | | | | | 03 | 8 |
| 501 | 138 | 20994 | 127 | 22998 | | | | | 03 | 1 |

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| 066 | 388 | 72844 | 330 | 81864 | 304 | 87922 | 270 | 94995 | 03 | 1 |
| | 254 | 93998 | 080 | 29994 | 055 | 16991 | | | 03 | 1 |
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| | 413 | 16999 | 313 | 78993 | 286 | 82999 | 265 | 85999 | 03 | 1 |
| | 155 | 10991 | 101 | 69 | 031 | 29*** | 101 | 55*** | 03 | 1 |
| 218 | 246 | 87996 | 090 | 28990 | 101 | 58*** | | | 03 | 1 |
| 245 | 286 | 85966 | 268 | 89996 | 122 | 28994 | 091 | 33994 | 03 | 1 |
| | 078 | 30999 | 072 | 23999 | 044 | 04996 | 027 | 02993 | 03 | 1 |
| 348 | 148 | 21990 | 114 | 31997 | 106 | 29993 | | | 03 | 1 |
| 366 | 250 | 88998 | 102 | 30993 | | | | | 03 | 1 |
| 408 | 066 | 11999 | | | | | | | 02 | 1 |
| 700 | 264 | 89007 | 105 | 33995 | 084 | 34999 | 048 | 13994 | 03 | 1 |
| | 019 | 98999 | 015 | 98992 | | | | | 03 | 1 |
| 98 | | | | | | | | | | |
| 223 | 574 | 02999 | 524 | 54991 | 102 | 33990 | 040 | 00990 | 03 | |
| QLL | | OCEAN | STA | | | | | | | |
| 041 | 316 | 97 4 | 224 | 10 7 | 284 | 15**0 | 124 | 09**4 | 02 | 5 |
| | 072 | 13 7 | | | | | | | 02 | 5 |
| 044 | 417 | 77907 | 390 | 80937 | 340 | 89994 | 225 | 13994 | 03 | 1 |
| | 199 | 15994 | 182 | 12991 | 138 | 10990 | 088 | 13992 | 03 | 1 |
| | 080 | 15994 | 061 | 14994 | 101 | 68*** | 070 | 64*** | 03 | 1 |
| 053 | 162 | 14992 | 145 | 11990 | 083 | 14998 | | | 03 | 1 |
| 062 | 120 | 25 0 | | | | | | | 02 | 2 |
| 124 | 244 | 00990 | 157 | 08995 | | | | | 03 | 1 |
| 133 | 433 | 75856 | 374 | 82887 | 334 | 90941 | 276 | 00995 | 03 | 1 |
| | 244 | 01995 | | | | | | | 03 | 1 |
| 223 | 565 | 58 | 435 | 69 | 358 | 76*** | 343 | 79*** | 02 | 1 |
| | 314 | 83 | 257 | 88 | 222 | 93*** | 180 | 98*** | 02 | 1 |
| 235 | 797 | 55 | 773 | 55 | 750 | 55*** | 710 | 56*** | 03 | 1 |
| | 690 | 57 | 671 | 58 | 615 | 58*** | 575 | 61*** | 03 | 1 |
| | 533 | 63 | 515 | 65 | 455 | 72*** | 420 | 75*** | 03 | 1 |
| | 385 | 80 | 370 | 82 | | | | | 03 | 1 |
| 246 | 138 | 94998 | 113 | 02993 | 089 | 97998 | 075 | 02997 | 03 | 1 |
| | 069 | 00993 | | | | | | | 03 | 1 |
| 360 | 321 | 09 2 | 276 | 09 0 | 234 | 07**2 | 217 | 09**0 | 02 | 5 |
| | 126 | 13 0 | 100 | 17 6 | 076 | 21**3 | | | 02 | 5 |

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| 384 | 276 | 11 | 242 | 07 | 233 | 09*** | 217 | 08*** | 03 | 8 |
| | 206 | 07 | 185 | 09 | | | | | 03 | 8 |
| 415 | 258 | 06990 | 241 | 07994 | 156 | 06998 | 127 | 09990 | 03 | 5 |
| 02 | | | | | | | | | | |
| 062 | 218 | 13996 | 208 | 14993 | 148 | 12991 | 134 | 15990 | 03 | 8 |
| | 101 | 16999 | | | | | | | 03 | 8 |
| 077 | 278 | 06994 | 260 | 06994 | 234 | 09993 | 150 | 09993 | 03 | 5 |
| | 118 | 13998 | 088 | 15993 | | | | | 03 | 5 |
| 084 | 310 | 04993 | 290 | 07995 | 257 | 06990 | 241 | 07992 | 03 | 8 |
| | 226 | 04999 | 190 | 06994 | | | | | 03 | 8 |
| 836 | 100 | 21990 | | | | | | | 03 | 7 |
| 974 | 358 | 92 2 | 226 | 10 3 | | | | | 03 | 2 |
| 03 | | | | | | | | | | |
| 005 | 273 | 30 0 | 241 | 31 0 | 233 | 32**0 | 213 | 29**0 | 03 | 2 |
| | 087 | 28 0 | 075 | 04 0 | | | | | 03 | 2 |
| 322 | 167 | 33 0 | | | | | | | 03 | 2 |
| 476 | 096 | 27 0 | | | | | | | 02 | 2 |
| 743 | 185 | 44 0 | 160 | 37 0 | 144 | 38**0 | | | 03 | 2 |
| 917 | 330 | 42 0 | 319 | 41 0 | 289 | 34**0 | 279 | 34**0 | 03 | 2 |
| | 267 | 36 0 | 257 | 34 0 | 186 | 36**0 | 177 | 33**0 | 03 | 2 |
| | 162 | 35 0 | | | | | | | 03 | 2 |
| 953 | 217 | 22 0 | 183 | 30 0 | 139 | 29**0 | 113 | 24**0 | 03 | 2 |
| | 079 | 21 0 | | | | | | | 03 | 2 |
| 06 | | | | | | | | | | |
| 260 | 328 | 07 | 311 | 06 | 271 | 05*** | 247 | 02*** | 02 | 8 |
| | 175 | 02 | 124 | 06 | 094 | 05*** | 040 | 11*** | 02 | 8 |
| | 010 | 12 | | | | | | | 02 | 8 |
| 447 | 245 | 98 6 | | | | | | | 03 | 8 |
| 07 | | | | | | | | | | |
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| | 480 | 85938 | 440 | 85958 | 360 | 92**4 | 270 | 04**4 | 02 | 8 |
| | 225 | 04 4 | 177 | 08 0 | 165 | 07**1 | 135 | 02**4 | 02 | 8 |
| 145 | 448 | 92 4 | 374 | 97 0 | 301 | 97**0 | 228 | 96**0 | 02 | 8 |
| | 170 | 96 0 | 110 | 99 7 | 100 | 99**7 | 110 | 99**7 | 02 | 8 |
| | 100 | 99 7 | 038 | 06 4 | | | | | 02 | 8 |
| 190 | 650 | 75751 | 616 | 78789 | 591 | 81829 | 551 | 84851 | 02 | 8 |
| | 511 | 89906 | 418 | 03 4 | 362 | 05**4 | 335 | 05**4 | 02 | 8 |
| | 310 | 03 7 | 246 | 03 7 | 212 | 99**7 | 197 | 99**7 | 02 | 8 |
| | 164 | 03 7 | 137 | 03 7 | | | | | 02 | 8 |
| 480 | 278 | 99 1 | 200 | 98 0 | 084 | 05**0 | | | 02 | 8 |
| 510 | 360 | 96 4 | 314 | 99 4 | 220 | 00**7 | 172 | 01**0 | 02 | 5 |
| | 122 | 00 1 | | | | | | | 02 | 5 |
| 645 | 586 | 81825 | 500 | 90 4 | 420 | 98**7 | 380 | | 02 | 5 |
| | 357 | 00 0 | 341 | 02 0 | 328 | 02**0 | 300 | 00**4 | 02 | 5 |
| | 250 | 00 4 | 191 | 02 0 | 184 | 97**7 | 161 | 04**0 | 02 | 5 |
| | 143 | 05 4 | | | | | | | 02 | 5 |
| 08 | | | | | | | | | | |
| 509 | 362 | 90921 | 205 | 13 8 | 125 | 12**3 | | | 03 | 1 |
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| 594 | 352 | 75845 | 335 | 78866 | | | | | 14 | 8 |
| 10 | | | | | | | | | | |
| 185 | 225 | 02 | 185 | 03 | 101 | 85*** | | | 03 | 8 |
| 338 | 095 | 29 0 | | | | | | | 03 | 2 |
| 384 | 225 | 02994 | 171 | 04995 | 125 | 03990 | | | 03 | 5 |
| 393 | 540 | 75801 | 482 | | 400 | 90977 | 358 | 93*** | 02 | 8 |
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| | 096 | 08 | 066 | 11 | 050 | 10*** | 003 | 93*** | 02 | 8 |
| 454 | 100 | 07 | | | | | | | 02 | 8 |
| 486 | 225 | 00 | 200 | 02 | 172 | 01*** | 131 | 05*** | 02 | 8 |
| | 004 | 86 | | | | | | | 02 | 8 |
| 866 | 170 | 00990 | 130 | 03990 | | | | | 03 | 5 |
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| 567 | 173 | 02 | 150 | 05 | 115 | 04*** | 097 | 09*** | 03 | 5 |
| | 080 | 03 | | | | | | | 03 | 5 |
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| 596 | 165 | 26 0 | 144 | 23 0 | 123 | 27**0 | 092 | 19**0 | 02 | 2 |
| 716 | 475 | 73991 | | | | | | | 03 | 1 |
| 17 | | | | | | | | | | |
| 606 | 268 | 51 0 | 228 | 31 0 | 164 | 16**0 | 145 | 20**0 | 02 | 2 |
| 21 | | | | | | | | | | |
| 209 | 272 | 98 | | | | | | | 02 | 5 |
| 422 | 352 | 90 | 303 | 99 | 261 | 05*** | 222 | 06*** | 02 | 5 |
| 834 | 233 | 06 | | | | | | | 02 | 5 |
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| 357 | 351 | 90 | 294 | 99 | | | | | 02 | 5 |
| 469 | 272 | 01 | | | | | | | 02 | 5 |
| 23 | | | | | | | | | | |
| 957 | 240 | 04 | 220 | 04 | 200 | 03*** | | | 02 | 5 |
| 975 | 232 | 01 | | | | | | | 02 | 5 |
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| 038 | 281 | 94 | | | | | | | 02 | 5 |
| 170 | 234 | 10 | | | | | | | 02 | 5 |
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| 159 | 515 | 85 | 384 | 98 | 303 | 07*** | 204 | 05*** | 02 | 5 |
| 178 | 379 | 89 1 | | | | | | | 02 | 5 |
| 26 | | | | | | | | | | |
| 090 | 664 | 71 | | | | | | | 02 | 5 |
| 101 | 364 | 91 | | | | | | | 02 | 5 |
| 107 | 612 | 64855 | | | | | | | 02 | 5 |
| 118 | 353 | 94 | 353 | 03 | 259 | 08*** | 233 | 64*** | 02 | 5 |
| | 181 | 65 | | | | | | | 02 | 5 |
| 135 | 788 | 58681 | 750 | 59727 | 682 | 62789 | 654 | 62797 | 02 | 5 |
| | 614 | 66868 | | | | | | | 02 | 5 |
| 139 | 576 | 02 | 687 | 34 | 576 | 11*** | | | 02 | 5 |
| 145 | 640 | 62725 | 575 | 67785 | | | | | 01 | 5 |
| 580 | 289 | 01 | | | | | | | 02 | 5 |
| 27 | | | | | | | | | | |
| 213 | 230 | 12 | 167 | 09 | 082 | 09*** | | | 02 | 5 |
| 29 | | | | | | | | | | |
| 823 | 178 | 04 | 120 | 00 | 112 | 01*** | 104 | 99*** | 01 | 5 |
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| 597 | 381 | 98610 | 225 | 42 0 | 157 | 13**0 | 140 | 15**0 | 03 | 2 |
| | 075 | 84 0 | 053 | | | | | | 03 | 2 |
| 648 | 591 | 15970 | 577 | 1 940 | 523 | 08830 | 512 | 08820 | 03 | 2 |
| | 492 | 87670 | 410 | 83620 | 340 | 68460 | 330 | 68406 | 03 | 2 |
| | 284 | 52 0 | 222 | 32 0 | 166 | 17**0 | 153 | 17**0 | 03 | 2 |
| | 118 | 14 0 | 093 | 17 0 | 063 | 13**0 | | | 03 | 2 |
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| | 071 | 82 0 | 066 | 81 0 | 056 | 86**0 | 053 | 84**0 | 00 | 7 |
| | 045 | 07 0 | | | | | | | 00 | 7 |
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| | 170 | 01995 | 135 | 01991 | 101 | 55*** | | | 03 | 1 |
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| | 432 | 76791 | 342 | 90923 | 250 | 03992 | 139 | 05998 | 03 | 1 |
| | 098 | 03991 | 056 | 05996 | 101 | 55*** | | | 03 | 1 |
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| | 250 | 96998 | 215 | 96998 | 166 | 00900 | 134 | 03997 | 03 | 1 |
| | 111 | 06994 | 101 | 58 | | | | | 03 | 1 |
| 590 | 250 | 98992 | 175 | 04995 | | | | | 03 | 1 |
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| | 072 | 98997 | 101 | 55 | | | | | 03 | 1 |
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| | 064 | 09999 | 060 | 07996 | 054 | 03999 | 047 | 09990 | 03 | 1 |
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| | 021 | 00995 | 014 | 94992 | 012 | 02995 | 010 | 90995 | 03 | 1 |
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| | 185 | | 160 | 93996 | 101 | 59*** | | | 03 | 1 |

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| 715 | 231 | 10 0 | 203 | 04 4 | 149 | 04**4 | | | 14 | 5 |
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| | 107 | 22 7 | | | | | | | 07 | 5 |
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| 026 | 743 | 68833 | 626 | 75891 | 612 | 76994 | 550 | 82957 | 03 | 2 |
| | 482 | 89969 | 347 | 07995 | 303 | 09993 | 276 | 04998 | 03 | 2 |
| | 162 | 98999 | | | | | | | 03 | 2 |
| 133 | 233 | 07995 | 220 | 03998 | 155 | 98999 | 060 | 98999 | 03 | 1 |
| 200 | 101 | 68 | 087 | 75 | | | | | 03 | 1 |
| 204 | 342 | 90933 | 197 | 13994 | | | | | 03 | 1 |
| 231 | 411 | 90973 | 358 | 97994 | 256 | 03990 | 150 | 97993 | 03 | 1 |
| | 136 | 01992 | | | | | | | 03 | 1 |
| 261 | 438 | 90990 | 275 | 11995 | 254 | 06999 | 164 | 97994 | 03 | 1 |
| | 164 | 97994 | 077 | 00998 | 060 | 96997 | | | 03 | 1 |
| 263 | 309 | 05997 | 101 | 55 | | | | | 03 | 1 |
| 291 | 260 | 12990 | 165 | 98999 | 071 | 02996 | 057 | 00990 | 03 | 1 |
| 316 | 256 | 00901 | 101 | 47 | | | | | 03 | 1 |
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| | 242 | 03996 | 166 | 96999 | 070 | 98999 | | | 03 | 1 |
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| 202 | 566 | 52998 | 400 | 73990 | 314 | 87993 | 150 | 18990 | 03 | 1 |
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| | 134 | 11998 | 123 | 09999 | 096 | 17990 | 063 | 12990 | 03 | 1 |
| 211 | 400 | 73998 | 248 | 00998 | 161 | 15991 | 127 | 14996 | 03 | 1 |
| | 090 | 20997 | | | | | | | 03 | 1 |
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| 232 | 184 | 09995 | 145 | 07998 | 092 | 19990 | | | 03 | 1 |
| 240 | 337 | 89993 | 157 | 04999 | 107 | 19991 | 102 | 16991 | 03 | 1 |
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| 253 | 333 | 90990 | 180 | 04998 | | | | | 03 | 1 |
| 259 | 338 | 90990 | 236 | 01995 | 226 | 00994 | 176 | 03995 | 03 | 1 |
| | 162 | 00994 | 116 | 13995 | 101 | 58*** | | | 03 | 1 |
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| 915 | 215 | 02999 | | | | | | | 03 | 1 |
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| | 480 | 62 | 365 | 69 | 340 | 74*** | 325 | 75*** | 03 | 1 |
| | 298 | 79 | 282 | 80 | 260 | 84*** | 235 | 91*** | 03 | 1 |
| | 154 | 05 | 120 | 18 | 092 | 25*** | 075 | 20*** | 03 | 1 |
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| | 568 | 58 | 555 | 61 | 460 | 70*** | 441 | 72*** | 02 | 1 |
| | 425 | 74 | 392 | 78 | 376 | 80*** | 345 | 84*** | 02 | 1 |
| | 290 | 93 | 265 | 96 | 255 | 92*** | 241 | 01*** | 02 | 1 |
| 246 | 178 | 05993 | 150 | 08991 | 136 | 04992 | | | 03 | 1 |
| 360 | 188 | 11 1 | 100 | 19 5 | 083 | 24**1 | | | 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 |
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| | 165 | 32 0 | 133 | 30 0 | | | | | 02 | 2 |
| 917 | 148 | 29 0 | 033 | 19 0 | | | | | 02 | 7 |
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| 887 | 237 | 07 | 225 | 06 | 129 | 06*** | | | 02 | 5 |
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| 72 | | | | | | | | | | |
| 202 | 400 | 75991 | 150 | 12998 | | | | | 04 | 1 |
| 208 | 597 | 66716 | 570 | 68725 | 503 | 73886 | 433 | 82993 | 03 | 1 |
| | 424 | 81998 | 400 | 84996 | 365 | 89993 | 166 | 04991 | 03 | 1 |
| | 162 | 01997 | 075 | 13995 | | | | | 03 | 1 |
| 211 | 550 | 61990 | 400 | 77993 | 234 | 01991 | 144 | 08990 | 03 | 1 |
| | 114 | 15998 | 070 | 19995 | 055 | 13992 | | | 03 | 1 |
| 219 | 081 | 10993 | 069 | 14995 | 064 | 12994 | | | 03 | 1 |
| 232 | 238 | 05998 | 168 | 03993 | 085 | 18996 | 058 | 15998 | 03 | 1 |
| 240 | 350 | 89953 | 245 | 06990 | 160 | 04993 | 092 | 19994 | 03 | 1 |
| | 063 | 16995 | | | | | | | 03 | 1 |
| 250 | 325 | 89995 | 215 | 03990 | 188 | 02996 | 080 | 27990 | 03 | 1 |
| | 074 | 22990 | 067 | 23992 | 033 | 03992 | 026 | 02994 | 03 | 1 |
| 253 | 255 | 02996 | 215 | 00990 | 190 | 00990 | 097 | 22995 | 03 | 1 |
| | 050 | 14998 | | | | | | | 03 | 1 |
| 259 | 360 | 89957 | 215 | 06993 | 190 | 00997 | 173 | 02990 | 03 | 1 |
| 265 | 400 | 80996 | 332 | 90990 | 254 | 04996 | 095 | 23995 | 03 | 1 |
| | 068 | 19992 | | | | | | | 03 | 1 |
| 270 | 360 | 83997 | | | | | | | 03 | 1 |
| 278 | 234 | 05994 | 172 | 05994 | 125 | 22990 | 093 | 25998 | 03 | 1 |
| | 080 | 20993 | 066 | 21992 | 030 | 08998 | | | 03 | 1 |



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| 317 | 522 | 73898 | 400 | 87998 | 370 | 89999 | 250 | 00998 | 03 | 1 |
| | 163 | 00996 | 090 | 10996 | 078 | 12998 | 068 | 09997 | 03 | 1 |
| | 053 | 14997 | 042 | 10994 | | | | | 03 | 1 |
| 327 | 114 | 05996 | | | | | | | 03 | 1 |
| 340 | 253 | 06994 | 228 | 06994 | 140 | 02995 | 128 | 07992 | 03 | 1 |
| 353 | 400 | 84874 | 360 | 90930 | 244 | 05999 | 190 | 01994 | 03 | 1 |
| | 068 | 15995 | 055 | 12995 | | | | | 03 | 1 |
| 365 | 206 | 98999 | 126 | 16999 | 088 | 19993 | | | 03 | 1 |
| 386 | 226 | 07990 | 170 | 07993 | 102 | 11991 | 075 | 20997 | 03 | 1 |
| | 062 | 16998 | | | | | | | 03 | 1 |
| 394 | 090 | 22995 | 075 | 17994 | 035 | 09990 | | | 03 | 1 |
| 405 | 650 | 66724 | 626 | 65759 | 493 | 75889 | 372 | 87994 | 03 | 1 |
| | 231 | 05991 | 170 | 01996 | 054 | 11993 | 049 | 07991 | 03 | 1 |
| | 038 | 11998 | 034 | 07998 | 027 | 08994 | | | 03 | 1 |
| 445 | 568 | 68992 | 400 | 87990 | 243 | 06996 | 223 | 02998 | 03 | 1 |
| | 182 | 01992 | 118 | 02995 | 090 | 07999 | 065 | 07993 | 03 | 1 |
| 451 | 263 | 06990 | 188 | 01995 | 082 | 13996 | 038 | 09997 | 03 | 1 |
| 476 | 108 | 15997 | 096 | 12992 | | | | | 03 | 1 |
| 486 | 400 | 80863 | 337 | 89951 | 231 | 09990 | 178 | 07998 | 03 | 1 |
| | 140 | 09995 | 108 | 17998 | 028 | 06998 | | | 03 | 1 |
| 493 | 325 | 87989 | 214 | 09998 | 185 | 06992 | 136 | 11991 | 03 | 1 |
| | 066 | 13991 | 052 | 15995 | 035 | 08996 | | | 03 | 1 |
| 506 | 400 | 83932 | 346 | 89959 | 245 | 06994 | 210 | 07992 | 03 | 1 |
| | 142 | 04994 | 078 | 10991 | 074 | 10996 | 101 | 65*** | 03 | 1 |
| | 021 | 08 | | | | | | | 03 | 1 |
| 518 | 152 | 00998 | | | | | | | 03 | 1 |
| 534 | 400 | 91998 | 250 | 04995 | 203 | 01999 | | | 03 | 1 |
| 536 | 312 | 03999 | 259 | 00993 | 168 | 01991 | | | 03 | 1 |
| 553 | 626 | 61995 | 594 | 63996 | 546 | 69867 | 400 | 86967 | 03 | 1 |
| | 378 | 89007 | 246 | 12998 | 141 | 02990 | 062 | 08998 | 03 | 1 |
| 562 | 374 | 89931 | 252 | 10999 | 170 | 03990 | 132 | 05998 | 03 | 1 |
| 576 | 212 | 11994 | 210 | 07999 | 196 | 07996 | 182 | 03990 | 03 | 1 |
| | 150 | 01997 | 118 | 11991 | 074 | 09994 | 062 | 12991 | 03 | 1 |
| | 052 | 08997 | 034 | 07999 | | | | | 03 | 1 |
| 597 | 101 | 68 | 095 | 87 | 330 | 89939 | 180 | 17995 | 03 | 1 |
| | 160 | 08994 | 091 | 13992 | | | | | 03 | 1 |
| 600 | 156 | 09993 | 101 | 58 | | | | | 04 | 1 |
| 606 | 614 | 71754 | 538 | 75866 | 458 | 83882 | 101 | 68*** | 03 | 1 |
| | 090 | 82 | 400 | 88946 | 234 | 05991 | 088 | 08996 | 03 | 1 |
| | 076 | 07995 | | | | | | | 03 | 1 |
| 655 | 602 | 69791 | 574 | 70851 | 563 | 69991 | 400 | 87995 | 03 | 1 |
| | 226 | 08995 | 213 | 04998 | 153 | 01994 | 050 | 04993 | 03 | 1 |
| 681 | 400 | 82957 | 355 | 88004 | 208 | 16996 | 196 | 12990 | 03 | 1 |
| 712 | 573 | 77823 | 566 | 76823 | 435 | 87005 | 400 | 91990 | 03 | 1 |
| | 276 | 02999 | 190 | 00996 | 058 | 09990 | | | 03 | 1 |
| 734 | 280 | 06996 | 050 | 05991 | | | | | 03 | 1 |
| 747 | 168 | 02996 | 075 | 04998 | | | | | 05 | 1 |
| 764 | 634 | 63801 | 560 | 70735 | 400 | 87919 | 261 | 12990 | 03 | 1 |
| | 188 | 07991 | 155 | 01995 | 050 | 05996 | | | 03 | 1 |
| 768 | 273 | 10998 | 238 | 12991 | 216 | 04990 | 143 | 02990 | 03 | 1 |
| | 132 | 04997 | 092 | 04999 | | | | | 03 | 1 |
| 785 | 400 | 86908 | 375 | 90941 | 243 | 09998 | 217 | 09990 | 03 | 1 |
| 815 | 422 | 90962 | 275 | 02994 | 210 | 03992 | 101 | 58*** | 03 | 1 |
| 816 | 432 | 90951 | 292 | 01990 | 101 | 55*** | | | 04 | 1 |
| 826 | 563 | 77917 | 545 | 79994 | 517 | 81938 | 493 | 84936 | 03 | 1 |
| | 442 | 89978 | 276 | 09991 | 136 | 02993 | | | 03 | 1 |
| 836 | 722 | 69814 | 577 | 74854 | 432 | 88957 | 251 | 12994 | 03 | 1 |
| | 227 | 09992 | 101 | 47 | | | | | 03 | 1 |
| 867 | 160 | 00991 | 084 | 03996 | | | | | 03 | 1 |
| 906 | 293 | 02993 | 188 | 98999 | 171 | 98990 | 160 | 98996 | 03 | 1 |
| 907 | 807 | 65700 | 757 | 67705 | 718 | 67693 | 439 | 89913 | 03 | 1 |
| | 287 | 05990 | 275 | 04996 | 263 | 06999 | 125 | 01994 | 03 | 1 |
| | 125 | 01994 | 101 | 58 | | | | | 03 | 1 |
| 909 | 734 | 71764 | 655 | 77991 | 642 | 77991 | 580 | 82851 | 03 | 1 |
| | 472 | 89939 | 440 | 93992 | 297 | 01993 | 254 | 98999 | 03 | 1 |
| | 171 | 98997 | 125 | 00993 | 101 | 68*** | 073 | 58*** | 03 | 1 |
| | 101 | 67 | 017 | 12 | 101 | 55*** | | | 03 | 1 |
| 913 | 635 | 70715 | 453 | 90922 | 319 | 07990 | 239 | 01994 | 03 | 1 |
| | 149 | 00995 | | | | | | | 03 | 1 |
| 924 | 106 | 98999 | | | | | | | 03 | 1 |
| 934 | 630 | 74995 | 603 | 74885 | 316 | 05991 | 288 | 04995 | 03 | 1 |
| | 265 | 98999 | 163 | 94990 | 109 | 50990 | 101 | 58*** | 03 | 1 |
| 938 | 588 | 86915 | 353 | 01997 | 328 | 01997 | 281 | 98998 | 03 | 6 |
| | 173 | 96994 | | | | | | | 03 | 6 |
| 945 | 605 | 71771 | 430 | 90952 | 296 | 10992 | 243 | 02994 | 03 | 1 |
| | 178 | 98999 | 114 | 00993 | | | | | 03 | 1 |
| 964 | 040 | 98990 | 101 | 58 | | | | | 03 | 1 |
| 74 | | | | | | | | | | |
| 043 | 323 | 09997 | 238 | 00990 | | | | | 03 | 1 |
| 074 | 247 | 01995 | 050 | 05998 | 101 | 58*** | | | 03 | 6 |
| 082 | 082 | 11992 | 101 | 58 | | | | | 03 | 1 |
| 090 | 550 | 81842 | 450 | 90933 | 310 | 98999 | 251 | 94990 | 03 | 1 |
| | 150 | 92990 | 050 | 01990 | 101 | 58*** | | | 03 | 1 |
| 109 | 256 | 01997 | 152 | 02990 | | | | | 03 | 1 |
| 198 | 275 | 02994 | 210 | 03992 | 101 | 58*** | | | 03 | 1 |
| 76 | | | | | | | | | | |
| 679 | 299 | 89994 | 230 | 05990 | 152 | 14994 | 105 | 25995 | 03 | 6 |
| 78 | | | | | | | | | | |
| 016 | 587 | 57990 | 562 | 55995 | 307 | 90990 | 263 | 97990 | 04 | 1 |
| 325 | 595 | 53724 | 592 | 53678 | 578 | 53737 | 284 | 89998 | 04 | 1 |
| | 093 | 24995 | | | | | | | 04 | 1 |
| 355 | 445 | 68831 | 292 | 89953 | 180 | 14997 | 134 | 15994 | 03 | 1 |
| | 085 | 28991 | 068 | 22990 | | | | | 03 | 1 |
| 501 | 298 | 87992 | 090 | 29996 | | | | | 03 | 1 |
| 526 | 474 | 59998 | 268 | 90990 | 150 | 20998 | 140 | 19995 | 03 | 1 |
| | 075 | 25995 | | | | | | | 03 | 1 |
| 91 | | | | | | | | | | |
| 165 | 225 | 05999 | 118 | 23995 | | | | | 03 | 1 |
| 218 | 509 | 54697 | 478 | 57724 | 464 | 57999 | 452 | 59729 | 03 | 1 |
| | 441 | 61682 | 429 | 62753 | 318 | 76995 | 253 | 90990 | 03 | 1 |
| | 145 | 17991 | 091 | 28990 | 076 | 16997 | 032 | 88991 | 03 | 1 |
| 245 | 628 | 00634 | 475 | 57734 | 273 | 89993 | 167 | 12995 | 03 | 1 |
| | 154 | 19997 | 106 | 33994 | 085 | 33991 | 068 | 23996 | 03 | 1 |
| | 062 | 15996 | 058 | 16990 | 050 | 07992 | 045 | 06999 | 03 | 1 |
| 250 | 443 | 60718 | 426 | 63771 | 256 | 90990 | 137 | 11997 | 03 | 1 |
| | 105 | 27992 | 101 | 58 | | | | | 03 | 1 |
| 285 | 668 | 05673 | 305 | 87997 | 271 | 92998 | 265 | 91993 | 03 | 1 |
| | 180 | 06997 | 123 | 21993 | | | | | 03 | 1 |
| 334 | 728 | 10109 | 704 | 07071 | 668 | 07053 | 602 | 02502 | 03 | 6 |
| | 574 | 51529 | 490 | 46990 | | | | | 03 | 6 |
| 348 | 273 | 85995 | 151 | 17997 | 109 | 28991 | | | 03 | 1 |
| 408 | 371 | 69783 | 266 | 88921 | 090 | 30995 | 050 | 06996 | 03 | 6 |
| QLL | | OCEAN | STA | | | | | | | |
| 034 | 654 | 00693 | 627 | 53585 | 354 | 82917 | 317 | 89967 | 03 | 1 |
| | 161 | 20992 | 137 | 17996 | 130 | 19992 | | | 03 | 1 |
| 037 | 105 | 18995 | 098 | 17993 | | | | | 03 | 1 |
| 041 | 640 | 59612 | 599 | 61641 | 400 | 83898 | 233 | 10**7 | 02 | 5 |
| | 175 | 15 0 | | | | | | | 02 | 5 |
| 154 | 094 | 01990 | | | | | | | 03 | 1 |
| 223 | 445 | 62 | 411 | 67 | 380 | 69*** | 305 | 78*** | 03 | 1 |
| | 278 | 84 | 266 | 85 | 242 | 90*** | 220 | 97*** | 03 | 1 |
| | 143 | 12 | 135 | 16 | 106 | 26*** | 092 | 23*** | 03 | 1 |
| | 085 | 26 | 080 | 24 | | | | | 03 | 1 |
| 235 | 720 | 55 | 665 | 60 | 647 | 61*** | 628 | 62*** | 03 | 1 |
| | 610 | 65 | 565 | 68 | 549 | 69*** | 530 | 71*** | 03 | 1 |
| | 498 | 74 | 460 | 73 | 440 | 74*** | 424 | 73*** | 03 | 1 |
| | 409 | 75 | 393 | 77 | 364 | 79*** | 337 | 82*** | 03 | 1 |
| 360 | 212 | 14 0 | 190 | 12 7 | 160 | 10**7 | 100 | 16**7 | 02 | 5 |
| | 090 | 18 2 | | | | | | | 02 | 5 |

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| 01 | | | | | | | | | | |
| 384 | 462 | 90951 | 427 | 92975 | 400 | 96019 | 378 | 01*** | 03 | 8 |
| | 335 | 06 | 283 | 04 | 265 | 05*** | 256 | 06*** | 03 | 8 |
| | 239 | 04 | 191 | 04 | 153 | 08*** | 118 | 10*** | 03 | 8 |
| 415 | 180 | 05990 | | | | | | | 03 | 5 |
| 02 | | | | | | | | | | |
| 062 | 544 | 78855 | 501 | 81872 | 299 | 06994 | 281 | 06991 | 03 | 8 |
| | 269 | 07994 | 252 | 05991 | 242 | 06990 | | | 03 | 8 |
| 077 | 349 | 01995 | 334 | 01993 | 313 | 04999 | 296 | 04999 | 03 | 5 |
| 084 | 325 | 03991 | 273 | 02993 | 262 | 03993 | 234 | 02995 | 03 | 8 |
| | 228 | 03993 | 190 | 03999 | 171 | 05993 | | | 03 | 8 |
| 03 | | | | | | | | | | |
| 005 | 195 | 31 0 | 182 | 29 0 | 113 | 21**0 | | | 02 | 2 |
| 322 | 230 | 31 0 | 211 | | 191 | 31**0 | 073 | | 02 | 2 |
| 917 | 276 | 38 0 | 210 | 30 0 | | | | | 02 | 2 |
| 953 | 142 | 18 0 | 126 | 19 0 | | | | | 03 | 2 |
| 04 | | | | | | | | | | |
| 018 | 136 | 06992 | 082 | 12999 | | | | | 03 | 1 |
| 220 | 244 | 01999 | | | | | | | 03 | 8 |
| 270 | 268 | 05997 | 162 | 02997 | 135 | 04995 | 101 | 58*** | 04 | 1 |
| 06 | | | | | | | | | | |
| 011 | 090 | 14 7 | | | | | | | 03 | 8 |
| 260 | 581 | 75832 | 554 | 77863 | 517 | 81906 | 440 | 92972 | 02 | 8 |
| | 403 | 98 | 387 | 98 | 376 | 98*** | 358 | | 02 | 8 |
| | 348 | 00 | 323 | 03 | 296 | 04*** | 286 | 05*** | 02 | 8 |
| | 265 | 05 | 238 | 02 | 206 | 05*** | 172 | 04*** | 02 | 8 |
| 447 | 252 | 01 0 | 175 | 01 2 | 119 | 09**0 | | | 03 | 8 |
| 610 | 363 | 99 4 | 337 | 01 4 | 287 | 06**9 | 224 | 07**4 | 05 | 8 |
| | 170 | 10 1 | 144 | 10 1 | | | | | 05 | 8 |
| 07 | | | | | | | | | | |
| 110 | 361 | 91 7 | 293 | 02 4 | 217 | 12**7 | 190 | 11**7 | 02 | 8 |
| 145 | 216 | 03 1 | 187 | 03 4 | 149 | 02**0 | 100 | 10**0 | 02 | 8 |
| 190 | 742 | 63636 | 685 | 68701 | 645 | 70722 | 584 | 76782 | 02 | 8 |
| | 544 | 77007 | 424 | 91946 | 322 | 03**4 | 163 | 03**4 | 02 | 8 |
| | 123 | 06 7 | | | | | | | 02 | 8 |
| 480 | 308 | 99 1 | | | | | | | 02 | 5 |
| 510 | 415 | 85922 | 326 | 98 4 | 269 | 08**0 | 231 | 10**7 | 02 | 5 |
| | 177 | 07 7 | 140 | 08 0 | | | | | 02 | 5 |
| 645 | 594 | 65672 | 530 | 71735 | 462 | 79815 | 410 | 87891 | 02 | 5 |
| | 352 | 91 4 | 252 | 06 4 | 218 | 11**4 | 192 | 07**0 | 02 | 5 |
| | 161 | 05 4 | 088 | 10 0 | 055 | 10**0 | | | 02 | 5 |
| 08 | | | | | | | | | | |
| 509 | 554 | 67781 | 364 | 90 0 | | | | | 03 | 1 |
| 521 | 224 | 11996 | 148 | 08995 | 142 | 09998 | 133 | 08990 | 14 | 8 |
| | 075 | 15994 | 037 | 05990 | | | | | 14 | 8 |
| 10 | | | | | | | | | | |
| 185 | 096 | 10 0 | 067 | 11 0 | 050 | 13**0 | 041 | 13**0 | 02 | 8 |
| | 035 | 14 0 | | | | | | | 02 | 8 |
| 338 | 121 | 36 0 | 094 | 33 0 | 076 | 22**0 | | | 02 | 2 |
| 454 | 004 | 54 0 | | | | | | | 02 | 8 |
| 633 | 258 | 06991 | 227 | 02993 | 185 | 02995 | 165 | 04994 | 03 | 5 |
| | 153 | 02995 | 087 | 10990 | | | | | 03 | 5 |
| 866 | 189 | 02999 | | | | | | | 03 | 5 |
| 16 | | | | | | | | | | |
| 080 | 068 | 12998 | 245 | 02 0 | | | | | 02 | 5 |
| 17 | | | | | | | | | | |
| 606 | 122 | 18 0 | 125 | 21 0 | | | | | 02 | 7 |
| 21 | | | | | | | | | | |
| 153 | 228 | 12 | | | | | | | 02 | 5 |
| 209 | 543 | 68817 | 408 | 84 | 296 | 01*** | 259 | 05*** | 02 | 5 |
| 802 | 352 | 92 | 317 | 98 | | | | | 02 | 5 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 875 | 714 | 55 | 610 | 65 | 517 | 71*** | 282 | 07*** | 02 | 5 |
| 22 | | | | | | | | | | |
| 889 | 318 | 98 | | | | | | | 02 | 5 |
| 25 | | | | | | | | | | |
| 058 | 303 | 98 | 222 | 07 | | | | | 02 | 5 |
| 079 | 322 | 01 | 266 | 08 | 247 | 33*** | | | 02 | 5 |
| 178 | 323 | 00623 | 244 | 70006 | 266 | 30023 | | | 02 | 5 |
| 181 | 741 | 59649 | | | | | | | 03 | 5 |
| 26 | | | | | | | | | | |
| 107 | 114 | 21 | 009 | 21 | | | | | 02 | 5 |
| 145 | 696 | 57708 | 684 | 57718 | 656 | 58727 | 601 | 65800 | 01 | 5 |
| | 549 | 69820 | | | | | | | 01 | 5 |
| 28 | | | | | | | | | | |
| 229 | 496 | 91 | 369 | 10 | 312 | 06*** | | | 02 | 5 |
| 40 | | | | | | | | | | |
| 427 | 078 | 04 0 | 074 | 08 0 | | | | | 02 | 2 |
| 597 | 435 | 13720 | 424 | 13710 | 319 | 82480 | 310 | 82480 | 03 | 2 |
| | 238 | 53 0 | 134 | 06 0 | 113 | 02**0 | 071 | 84**0 | 03 | 2 |
| | 055 | 07 0 | | | | | | | 03 | 2 |
| 648 | 122 | 20 0 | 067 | 16 0 | 055 | 18**0 | 042 | 22**0 | 02 | 2 |
| 42 | | | | | | | | | | |
| 807 | 300 | 89 | | | | | | | 15 | 1 |
| 47 | | | | | | | | | | |
| 401 | 276 | 01994 | 220 | 96990 | 200 | 95994 | 101 | 48*** | 03 | 1 |
| 412 | 219 | 94996 | 184 | 94997 | 160 | 97993 | 140 | 96990 | 03 | 1 |
| | 120 | 98993 | 090 | 96992 | 057 | 96996 | 046 | 95995 | 03 | 1 |
| 580 | 094 | 02992 | | | | | | | 03 | 1 |
| 582 | 561 | 79790 | 540 | 78785 | 478 | 81819 | 460 | 84990 | 03 | 1 |
| | 341 | 95994 | 328 | 95992 | 295 | 00990 | 275 | 96990 | 03 | 1 |
| | 255 | 94990 | 228 | 89994 | 210 | 91994 | 200 | 90995 | 03 | 1 |
| 590 | 368 | 89993 | 316 | 91993 | 275 | 96990 | 230 | 98991 | 03 | 1 |
| | 216 | 00997 | 179 | 01990 | 146 | 00990 | 120 | 04996 | 03 | 1 |
| | 089 | 03995 | 079 | 00993 | 066 | 00993 | | | 03 | 1 |
| 600 | 331 | 95994 | 293 | 95994 | 236 | 99998 | 208 | 99994 | 03 | 1 |
| | 182 | 98994 | 166 | 01995 | 121 | 09955 | 078 | 98994 | 03 | 1 |
| | 064 | 97990 | 101 | 55 | | | | | 03 | 1 |
| 671 | 093 | 12996 | | | | | | | 03 | 1 |
| 778 | 170 | 05999 | 141 | 08995 | 126 | 12992 | 116 | 13995 | 03 | 1 |
| 808 | 240 | 97992 | 113 | 14991 | 085 | 12997 | 101 | 55*** | 03 | 1 |
| 931 | 468 | 58998 | 284 | 86990 | 225 | 00990 | 110 | 27991 | 03 | 1 |
| | 088 | 30995 | 018 | 97997 | | | | | 03 | 1 |
| 60 | | | | | | | | | | |
| 155 | 620 | 57827 | 600 | 57828 | 556 | 64892 | 522 | 67924 | 02 | 8 |
| | 478 | 90966 | 412 | 79012 | 350 | 87074 | | | 02 | 8 |
| 390 | 498 | 69915 | 437 | 78997 | 414 | 79996 | 348 | 90**7 | 02 | 5 |
| | 279 | 00 4 | 253 | 08 0 | 161 | 12**1 | 137 | 11**1 | 02 | 5 |
| 625 | 645 | 00705 | 607 | 51715 | 542 | 57777 | 414 | 73914 | 02 | 8 |
| 715 | 384 | 84885 | 288 | 01 1 | 253 | 06**4 | 192 | 06**4 | 14 | 5 |
| | 154 | 03 7 | | | | | | | 14 | 5 |
| 61 | | | | | | | | | | |
| 642 | 375 | 76997 | 310 | 86997 | 294 | 89935 | 162 | 20**7 | 07 | 5 |
| 62 | | | | | | | | | | |
| 053 | 185 | 30 0 | | | | | | | 02 | 2 |
| 70 | | | | | | | | | | |
| 026 | 550 | 78990 | 460 | 88998 | 262 | 06998 | 230 | 03996 | 03 | 1 |
| | 156 | 01995 | 121 | 02999 | 096 | 97999 | 085 | 98995 | 03 | 1 |
| 133 | 564 | 72995 | 412 | 90990 | 210 | 04997 | 175 | 98999 | 03 | 1 |
| | 165 | 01999 | 146 | 00990 | 125 | 02998 | | | 03 | 1 |
| 200 | 674 | 69990 | 627 | 68993 | 425 | 89994 | 238 | 06995 | 03 | 1 |
| | 190 | 00994 | 145 | 04991 | | | | | 03 | 1 |
| 204 | 229 | 10998 | 216 | 09998 | 213 | 05994 | 175 | 10993 | 03 | 1 |
| | 164 | 05992 | 040 | 98997 | | | | | 03 | 1 |
| 261 | 130 | 96996 | 119 | 00992 | 067 | 96999 | 062 | 98995 | 03 | 1 |
| 263 | 530 | 83882 | 482 | 90951 | 393 | 98993 | 376 | 00996 | 03 | 1 |
| | 349 | 98999 | 307 | 06991 | 285 | 02992 | 155 | 98992 | 03 | 1 |
| 361 | 148 | 98999 | 042 | 98998 | | | | | 03 | 1 |
| 381 | 084 | 98999 | 055 | 98999 | | | | | 03 | 1 |
| 398 | 110 | 02995 | | | | | | | | |
| 72 | | | | | | | | | | |
| 082 | 608 | 85907 | 550 | 90950 | 340 | 09990 | 072 | 14**0 | 03 | 1 |
| 202 | 073 | 21990 | 060 | 23993 | | | | | 03 | 1 |
| 208 | 565 | 65992 | 400 | 86996 | 388 | 88995 | 266 | 02996 | 03 | 1 |
| | 250 | 98992 | 222 | 97991 | 173 | 02990 | 164 | 98995 | 03 | 1 |
| | 068 | 13992 | 043 | 07998 | | | | | 03 | 1 |
| 211 | 400 | 81926 | 348 | 89965 | 327 | 93990 | 267 | 94995 | 03 | 1 |
| 219 | 540 | 70780 | 400 | 88932 | 386 | 89954 | 266 | 09996 | 03 | 1 |
| | 255 | 08995 | 250 | 03997 | 224 | 00990 | 212 | 02991 | 03 | 1 |
| | 161 | 00994 | 131 | 07995 | 077 | 11995 | 060 | 11990 | 03 | 1 |
| 232 | 225 | 93994 | 110 | 21996 | 295 | | | | 03 | 1 |
| 240 | 565 | 65817 | 553 | 65999 | 400 | 84994 | 364 | 89994 | 03 | 1 |
| | 182 | 01993 | 123 | 13992 | 110 | 11998 | 090 | 19994 | 03 | 1 |
| | 072 | 15998 | 063 | 17990 | 034 | 07994 | | | 03 | 1 |
| 250 | 322 | 89993 | 250 | 01998 | 244 | 98993 | 225 | 98990 | 03 | 1 |
| | 180 | 08997 | 093 | 25997 | 086 | 22998 | 078 | 24990 | 03 | 1 |
| | 060 | 15992 | 056 | 16992 | | | | | 03 | 1 |
| 253 | 216 | 03995 | 176 | 03992 | 133 | 16991 | 080 | 19998 | 03 | 1 |
| | 058 | 14990 | | | | | | | 03 | 1 |
| 259 | 630 | 56994 | 550 | 63795 | 337 | 90943 | 331 | 90995 | 03 | 1 |
| 265 | 195 | 12994 | 185 | 06990 | 155 | 09999 | | | 03 | 1 |
| 270 | 325 | 87992 | 213 | 10995 | 176 | 06999 | 138 | 17997 | 03 | 1 |
| | 098 | 24995 | 082 | 21993 | | | | | 03 | 1 |
| 278 | 368 | 78913 | 295 | 89959 | 182 | 16990 | 170 | 10992 | 03 | 1 |
| | 087 | 23990 | 030 | 07996 | | | | | 03 | 1 |
| 304 | 173 | 96997 | 072 | 12996 | 055 | 10995 | | | 03 | 1 |
| 317 | 400 | 89999 | 317 | 02992 | 278 | 04993 | 224 | 98999 | 03 | 1 |
| | 175 | 97992 | 127 | 06991 | 087 | 09993 | | | 03 | 1 |
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| | 220 | 02995 | 134 | 01999 | 073 | 08999 | | | 03 | 1 |
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| | 072 | 11998 | 046 | 10992 | | | | | 03 | 1 |
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| | 080 | 12990 | | | | | | | 03 | 1 |
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| 386 | 158 | 13995 | 155 | 11994 | 087 | 19993 | 080 | 15995 | 03 | 1 |
| | 074 | 17993 | 047 | 14992 | 044 | 11990 | 032 | 07997 | 03 | 1 |
| 394 | 483 | 66813 | 470 | 67834 | 400 | 75996 | 304 | 90990 | 03 | 1 |
| | 147 | 14990 | 140 | 11990 | 096 | 16997 | 054 | 15990 | 03 | 1 |
| 405 | 050 | 08991 | 036 | 09991 | | | | | 03 | 1 |
| 445 | 560 | 70831 | 400 | 90003 | 282 | 06999 | 170 | 04995 | 03 | 1 |
| | 159 | 01996 | 082 | 09990 | | | | | 03 | 1 |
| 451 | 349 | 87949 | 178 | 15998 | 145 | 08991 | 062 | 11999 | 03 | 1 |
| | 040 | 08998 | | | | | | | 03 | 1 |
| 476 | 175 | 16999 | 148 | 11997 | 092 | 14998 | | | 03 | 1 |
| 486 | 312 | 87918 | 172 | 16993 | 160 | 11998 | 126 | 16994 | 03 | 1 |
| | 112 | 13995 | 096 | 18995 | | | | | 03 | 1 |
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| | 322 | 90951 | 185 | 11998 | 117 | 12993 | 112 | 09996 | 03 | 1 |
| | 090 | 15999 | 070 | 13990 | | | | | 03 | 1 |
| 506 | 400 | 88997 | 323 | 96997 | 240 | 94998 | 168 | 98999 | 03 | 1 |
| | 123 | 00996 | 114 | 03997 | | | | | 03 | 1 |
| 518 | 202 | 97998 | | | | | | | 03 | 1 |
| 520 | 400 | 90996 | 283 | 06990 | 176 | 98999 | | | 03 | 1 |
| 528 | 274 | 07992 | 166 | 00999 | | | | | 03 | 1 |
| 534 | 400 | 90999 | 310 | 05998 | 255 | 06992 | 090 | 05994 | 03 | 1 |
| 536 | 638 | 67996 | 570 | 71991 | 406 | 89992 | 400 | 90992 | 03 | 1 |
| | 254 | 09998 | 159 | 00994 | 050 | 07992 | | | 03 | 1 |
| 553 | 136 | 07999 | 120 | 04995 | 083 | 09998 | 036 | 09991 | 03 | 1 |
| 562 | 162 | 10998 | 128 | 05990 | 085 | 12992 | 070 | 09992 | 03 | 1 |
| 576 | 328 | 90952 | 160 | 13991 | 147 | 16990 | 142 | 11993 | 03 | 1 |
| | 120 | 08998 | 080 | 10995 | 076 | 06994 | 066 | 10992 | 03 | 1 |
| | 050 | 08995 | | | | | | | 03 | 1 |
| 597 | 465 | 70734 | 332 | 89933 | 193 | 14994 | 184 | 12990 | 03 | 1 |
| | 165 | 12992 | 158 | 08999 | 145 | 09999 | 136 | 07990 | 03 | 1 |
| | 124 | 10992 | | | | | | | 03 | 1 |
| 606 | 400 | 88988 | 321 | 98999 | 269 | 00990 | 082 | 06995 | 04 | 1 |
| | 077 | 04990 | 055 | 09991 | 045 | 06995 | | | 04 | 1 |
| 655 | 400 | 93996 | 363 | 98996 | 150 | 02996 | 116 | 01990 | 03 | 1 |
| | 094 | 05990 | | | | | | | 03 | 1 |
| 681 | 320 | 90932 | 160 | 18994 | 138 | 10996 | 128 | 12996 | 03 | 1 |
| | 045 | 09995 | | | | | | | 03 | 1 |
| 712 | 084 | 04992 | | | | | | | 03 | 1 |
| 734 | 582 | 72860 | 420 | 90990 | 400 | 93990 | 270 | 10998 | 03 | 1 |
| | 065 | 03999 | | | | | | | 03 | 1 |
| 747 | 539 | 77852 | 425 | 89921 | 400 | 92999 | 292 | 11996 | 03 | 1 |
| | 072 | 06993 | | | | | | | 03 | 1 |
| 764 | 303 | 91994 | 330 | 00990 | 223 | 04999 | 182 | 01990 | 03 | 1 |
| | 140 | 06990 | 125 | 03994 | 092 | 07993 | 080 | 06991 | 03 | 1 |
| 768 | 372 | 89986 | 251 | 05995 | 198 | 09993 | 148 | 04995 | 03 | 1 |
| | 132 | 07990 | 070 | 04993 | 065 | 06999 | 052 | 06999 | 03 | 1 |
| 775 | 400 | 84994 | 353 | 88992 | 218 | 12997 | 138 | 09991 | 03 | 1 |
| | 128 | 05998 | 038 | 06996 | | | | | 03 | 1 |
| 785 | 150 | 14994 | 122 | 08995 | | | | | 03 | 1 |
| 815 | 350 | 90972 | 239 | 11995 | 196 | 13990 | 101 | 55*** | 04 | 1 |
| 826 | 473 | 84957 | 442 | 88989 | 398 | 94996 | 355 | 98999 | 03 | 1 |
| | 317 | 04998 | 278 | 03996 | 250 | 05995 | 213 | 01997 | 03 | 1 |
| | 185 | 03996 | 126 | 02994 | 110 | 04991 | | | 03 | 1 |
| 867 | 101 | 65 | 056 | 45 | | | | | 03 | 1 |
| 896 | 218 | 15991 | 170 | 03995 | 125 | 04998 | 101 | 47*** | 03 | 1 |
| 906 | 749 | 75784 | 718 | 72835 | 623 | 72835 | 623 | 75**0 | 03 | 1 |
| | 342 | 03999 | 265 | 98991 | 150 | 98996 | | | 03 | 1 |
| 907 | 532 | 81884 | 457 | 89077 | 313 | 05990 | 290 | 04991 | 03 | 1 |
| | 261 | 98998 | 230 | 98999 | 101 | 51*** | | | 03 | 1 |
| 913 | 456 | 94996 | 378 | 97999 | 338 | 97997 | 249 | 96990 | 03 | 1 |
| 915 | 341 | 01995 | 275 | 95998 | 222 | 94994 | 163 | 96992 | 03 | 1 |
| 934 | 447 | 89933 | 287 | 08994 | 261 | 01997 | 090 | 98999 | 03 | 1 |
| | 101 | 58 | | | | | | | 03 | 1 |
| 938 | 130 | 97990 | 111 | 96993 | | | | | 03 | 1 |
| 945 | 145 | 02992 | 084 | 03994 | | | | | 03 | 1 |
| 964 | 088 | 00999 | 101 | 55 | | | | | 03 | 1 |
| 968 | 492 | 93023 | 331 | 08995 | 275 | 05997 | 101 | 47*** | 03 | 1 |
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| 043 | 245 | 00996 | 190 | 98990 | | | | | 03 | 1 |
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| 198 | 447 | 75783 | 418 | 77815 | 334 | 90943 | 224 | 11998 | 03 | 1 |
| | 212 | 10993 | 101 | 58 | | | | | 03 | 1 |
| 76 | | | | | | | | | | |
| 491 | 295 | 95991 | 289 | 94994 | 268 | 98990 | 259 | 39496 | 02 | 1 |
| | 222 | 03991 | 218 | 00999 | 195 | 05992 | 186 | 04991 | 02 | 1 |
| | 106 | 23997 | | | | | | | 02 | 1 |
| 644 | 120 | 22990 | | | | | | | 03 | 6 |
| 78 | | | | | | | | | | |
| 016 | 306 | 90990 | 268 | 96997 | 101 | 58*** | | | 03 | 1 |
| 355 | 288 | 82995 | 172 | 13994 | 072 | 27994 | 060 | 17995 | 03 | 1 |
| | 040 | 10997 | | | | | | | 03 | 1 |
| 367 | 460 | 60678 | 436 | 63996 | 330 | 80996 | 166 | 16993 | 03 | 1 |
| 501 | 173 | 14997 | 134 | 15999 | 085 | 28996 | 066 | 28992 | 03 | 1 |
| 526 | 154 | 18993 | 114 | 23998 | | | | | 03 | 1 |
| 806 | 197 | 06993 | | | | | | | 03 | 1 |
| 91 | | | | | | | | | | |
| 066 | 553 | 53694 | 432 | 66795 | 294 | 90990 | 180 | 11996 | 03 | 1 |
| | 148 | 12998 | 120 | 21998 | 095 | 27995 | 072 | 24997 | 03 | 1 |
| | 062 | 17992 | 052 | 17997 | 044 | 11991 | 086 | 02998 | 03 | 1 |
| 115 | 555 | 50992 | 276 | 88995 | 201 | 01995 | 195 | **995 | 04 | 1 |
| | 115 | 22995 | 101 | 68 | 000 | 11*** | 101 | 58*** | 04 | 1 |
| 165 | 296 | 88995 | 182 | 13999 | | | | | 03 | 1 |

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| | 274 | 89995 | 106 | 36996 | 085 | 30993 | 044 | 02998 | 03 | 1 |
| | 038 | 03994 | 030 | 00997 | | | | | 03 | 1 |
| 250 | 163 | 15993 | 107 | 28995 | 101 | 69*** | 446 | 34*** | 03 | 1 |
| 275 | 409 | 68743 | 363 | 74774 | 275 | 89933 | 165 | 16995 | 09 | 1 |
| 334 | 572 | 01648 | 450 | 61733 | 356 | 74789 | 327 | 80872 | 03 | 1 |
| | 134 | 28998 | | | | | | | 03 | 1 |
| 348 | 118 | 26991 | | | | | | | 04 | 1 |
| 413 | 086 | 32995 | 040 | 06998 | 035 | 08990 | 012 | 97994 | 03 | 1 |
| 98 | | | | | | | | | | |
| 645 | 063 | 14998 | 034 | 07994 | | | | | 03 | |
| 836 | 528 | 53716 | 266 | 88997 | 165 | 19999 | 067 | 14999 | 03 | |
| QLL | | OCEAN | STA | | | | | | | |
| 034 | 688 | 02541 | 656 | 00608 | 565 | 58613 | 470 | 66814 | 03 | 1 |
| | 438 | 71781 | 303 | 90990 | 150 | 18991 | 143 | 14996 | 03 | 1 |
| 044 | 494 | 67823 | 470 | 70994 | 417 | 77904 | 341 | 88967 | 03 | 1 |
| | 185 | 19999 | 167 | 12994 | 154 | 11996 | 126 | 13996 | 03 | 1 |
| | 112 | 14993 | | | | | | | 03 | 1 |
| 052 | 188 | 08 0 | 142 | 20 0 | | | | | 02 | 2 |
| 053 | 082 | 10992 | 077 | 09993 | | | | | 03 | 1 |
| 062 | 094 | 20 0 | 075 | 22 0 | | | | | 02 | 2 |
| 124 | 377 | 75891 | 308 | 89995 | 158 | 23990 | 117 | 16952 | 03 | 1 |
| 154 | 231 | 03997 | 088 | 00999 | 101 | 55*** | | | 04 | 1 |
| 223 | 540 | 57 | 522 | 55 | 412 | 63*** | 401 | 66*** | 03 | 1 |
| | 384 | 68 | 354 | 72 | 296 | 82*** | 271 | 87*** | 03 | 1 |
| | 236 | 93 | 175 | 02 | 121 | 19*** | | | 03 | 1 |
| 235 | 795 | 56 | 770 | 56 | 723 | 59*** | 680 | 62*** | 02 | 1 |
| | 658 | 63 | 638 | 65 | 619 | 66*** | 581 | 69*** | 02 | 1 |
| | 543 | 73 | 525 | 75 | 506 | 76*** | 490 | 77*** | 02 | 1 |
| | 473 | 78 | 410 | 80 | 379 | 80*** | 290 | 89*** | 02 | 1 |
| 246 | 248 | 95998 | 160 | 94990 | 133 | 00990 | 114 | 98994 | 03 | 1 |
| 360 | 400 | 87955 | 289 | 02 2 | 283 | 01**6 | 262 | 04**3 | 02 | 5 |
| | 254 | 03 7 | 213 | 07 4 | 172 | 09**2 | 100 | 14**8 | 02 | 5 |

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| 030 | 400 | 92926 | 374 | 03995 | 100 | 17993 | 084 | 19995 | 03 | 5 |
| 384 | 400 | 89968 | 372 | 93004 | | | | | 03 | 8 |
| 415 | 400 | 85886 | 261 | 07999 | | | | | 03 | 5 |
| 02 | | | | | | | | | | |
| 062 | 410 | 87963 | 278 | 06997 | 219 | 11993 | 202 | 10994 | 03 | 8 |
| | 187 | 11995 | 156 | 10990 | 099 | 15998 | | | 03 | 8 |
| 077 | 702 | 60612 | 684 | 59609 | 384 | 91965 | | | 03 | 5 |
| 836 | 168 | 09996 | 100 | 17992 | | | | | 03 | 7 |
| 974 | 234 | 15 8 | 178 | 13 3 | 101 | 17**9 | | | 03 | 2 |
| 03 | | | | | | | | | | |
| 005 | 213 | 12 0 | 184 | 11 0 | 156 | 19**0 | 145 | 16**0 | 03 | 7 |
| | 103 | 10 0 | 096 | 12 0 | 082 | 06**0 | | | 03 | 7 |
| 322 | 146 | 26 0 | 092 | 20 0 | | | | | 02 | 2 |
| 476 | 577 | 06780 | 483 | 93770 | 184 | 09**0 | 177 | 15**0 | 03 | 2 |
| | 162 | 23 0 | 143 | 19 0 | 136 | 25**0 | 119 | 25**0 | 03 | 2 |
| | 085 | 21 0 | | | | | | | 03 | 2 |
| 743 | 155 | 23 0 | 085 | 20 0 | | | | | 03 | 2 |
| 808 | 210 | 14 0 | 177 | 17 0 | 062 | 10**0 | | | 03 | 2 |
| 953 | 170 | 44 0 | 151 | 37 0 | 072 | 29**0 | | | 03 | 2 |
| 04 | | | | | | | | | | |
| 018 | 117 | 06992 | 000 | 12991 | | | | | 03 | 1 |
| 202 | 275 | 04990 | 061 | 14990 | | | | | 03 | 1 |
| | 101 | 68 | 001 | 99 | | | | | 03 | 1 |
| 340 | 340 | 01996 | 276 | 06998 | 241 | 11993 | 134 | 13993 | 03 | 6 |
| 06 | | | | | | | | | | |
| 011 | 169 | 06 8 | 093 | 12 3 | | | | | 03 | 8 |
| 180 | 262 | 12 0 | 144 | 10 0 | | | | | 03 | 5 |
| 260 | 508 | 78928 | 477 | 82963 | 442 | 82*** | 400 | 85*** | 02 | 8 |
| | 291 | 99 | 227 | 10 | 198 | 12*** | 191 | 10*** | 02 | 8 |
| | 077 | 17 | | | | | | | 02 | 8 |
| 447 | 352 | 84007 | 253 | 03 8 | 207 | 12**5 | 177 | 15**0 | 03 | 8 |
| | 165 | 09 3 | 138 | 07 6 | 054 | 13**2 | | | 03 | 8 |
| 07 | | | | | | | | | | |
| 110 | 510 | 71783 | 490 | 72802 | 438 | 77857 | 370 | 85926 | 02 | 8 |
| | 300 | 97 7 | 235 | 10 1 | 206 | 15**1 | 172 | 15**1 | 02 | 8 |
| | 137 | 11 1 | 110 | 11 0 | | | | | 02 | 8 |
| 145 | 586 | 64654 | 552 | 64654 | 468 | 71727 | 378 | 82824 | 02 | 8 |
| | 323 | 91 7 | 223 | 11 4 | 206 | 14**0 | 152 | 08**4 | 02 | 8 |
| | 074 | 08 4 | 044 | 12 4 | | | | | 02 | 8 |
| 190 | 657 | 72782 | 640 | 74802 | 627 | 74802 | 588 | 78871 | 02 | 8 |
| | 570 | 79890 | 532 | 83944 | 438 | 86988 | 382 | 94**1 | 02 | 8 |
| | 328 | 94 1 | 236 | 03 7 | 175 | 05**7 | 115 | 08**0 | 02 | 8 |
| | 090 | 08 0 | | | | | | | 02 | 8 |
| 480 | 477 | 76812 | 448 | 76823 | 386 | 82883 | 332 | 89967 | 02 | 8 |
| | 243 | 01 1 | 210 | 07 7 | 188 | 06**0 | 140 | 08**1 | 02 | 8 |
| | 115 | 06 1 | | | | | | | 02 | 8 |
| 510 | 618 | 60689 | 572 | 63672 | 533 | 67735 | 496 | 69776 | 02 | 5 |
| | 462 | 72828 | 431 | 79892 | 354 | 87933 | 313 | 97**4 | 02 | 5 |
| | 270 | 03 7 | 232 | 14 4 | 191 | 15**4 | | | 02 | 5 |
| 645 | 389 | 85866 | 340 | 93 0 | 300 | 93**0 | 250 | 98**0 | 02 | 5 |
| | 185 | 98 0 | 140 | 99 4 | 110 | 04**1 | | | 02 | 5 |
| 08 | | | | | | | | | | |
| 509 | 259 | 03 3 | | | | | | | 03 | 1 |
| 521 | 208 | 09995 | 173 | 12995 | 167 | 10993 | 154 | 12992 | 14 | 8 |
| | 132 | 12995 | 116 | 10997 | 105 | 14993 | 089 | 12998 | 14 | 8 |
| 10 | | | | | | | | | | |
| 338 | 654 | 10040 | 368 | 52 0 | | | | | 03 | 2 |
| 384 | 225 | 11990 | 142 | 08990 | 115 | 09990 | | | 03 | 5 |
| 633 | 522 | 76866 | 470 | 82879 | 409 | 90974 | 400 | 90999 | 03 | 5 |
| | 248 | 03990 | 232 | 05990 | 222 | 03995 | 138 | 06995 | 03 | 5 |
| 866 | 250 | 00999 | 165 | 03997 | | | | | 03 | 5 |
| 21 | | | | | | | | | | |
| 422 | 301 | 02 | | | | | | | 02 | 5 |
| 22 | | | | | | | | | | |
| 357 | 304 | 99 | 245 | 10 | | | | | 02 | 5 |
| 887 | 224 | 14 | | | | | | | 02 | 5 |
| 23 | | | | | | | | | | |
| 625 | 216 | 04 | 194 | 03 | 138 | 08*** | | | 02 | 5 |
| 26 | | | | | | | | | | |
| 135 | 680 | 05062 | 639 | 61742 | 605 | 68773 | | | 02 | 5 |
| 580 | 500 | 26872 | 442 | 83 | 376 | 85*** | 302 | 97*** | 02 | 5 |
| 617 | 184 | 13 | | | | | | | 02 | 5 |
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| 283 | 110 | 94 0 | | | | | | | 02 | 5 |
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| 427 | 119 | 14 0 | 086 | 07 0 | 083 | 10**0 | | | 02 | 2 |
| 597 | 077 | 91 0 | 067 | 96 0 | | | | | 03 | 2 |
| 648 | 185 | 24 0 | 162 | 22 0 | 114 | 17**0 | 084 | 17**0 | 02 | 2 |
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| 182 | 120 | 10 | 084 | 08 | | | | | 15 | 1 |
| 807 | 155 | 07 | | | | | | | 15 | 1 |
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| | 070 | 95 | | | | | | | 00 | 2 |
| 47 | | | | | | | | | | |
| 401 | 392 | 97990 | 387 | 99993 | 333 | 02991 | 317 | 99993 | 03 | 1 |
| | 222 | 92997 | 190 | 93990 | 183 | 94992 | 175 | 94992 | 03 | 1 |
| 412 | 359 | 97998 | 315 | 97998 | 280 | 00990 | 224 | 97998 | 03 | 1 |
| | 157 | 97998 | 101 | 55 | | | | | 03 | 1 |
| 580 | 135 | 05991 | 113 | 03992 | 092 | 06990 | 061 | 04998 | 03 | 2 |
| | 052 | 06995 | 101 | 58 | | | | | 03 | 2 |
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| | 180 | 00998 | 164 | 00990 | 148 | 01990 | 133 | 98999 | 03 | 1 |
| 590 | 453 | 79867 | 355 | 91998 | 320 | 97996 | 290 | 01996 | 03 | 1 |
| | 244 | 04997 | 216 | 05999 | 195 | 03992 | 175 | 04990 | 03 | 1 |
| 600 | 506 | 73765 | 415 | 80834 | 346 | 89993 | 335 | 95993 | 03 | 1 |
| | 211 | 04991 | 185 | 03991 | 152 | 04991 | 101 | 58*** | 03 | 1 |
| 635 | 320 | 94998 | 151 | 09905 | 139 | 14996 | 125 | 19991 | 03 | 1 |
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| | 481 | 74771 | 469 | 71775 | 360 | 86937 | 353 | 86954 | 04 | 1 |
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| 155 | 540 | 65891 | 508 | 70932 | 438 | 77991 | 363 | 88070 | 02 | 8 |
| | 340 | 89094 | 290 | 97 1 | 257 | 04**4 | | | 02 | 8 |
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| | 410 | 82918 | 390 | 88974 | 346 | 91**0 | 325 | 98**0 | 02 | 5 |
| | 293 | 00 4 | 290 | 03 0 | 208 | 20**4 | 193 | 18**7 | 02 | 5 |
| | 151 | 18 7 | | | | | | | 02 | 5 |
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| | 030 | 11 1 | | | | | | | 14 | 8 |
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| | 257 | 95 7 | 185 | 07 1 | | | | | 02 | 8 |
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| | 318 | 02991 | 133 | 98994 | 114 | 01999 | 080 | 97991 | 03 | 1 |
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| | 232 | 02996 | 176 | 00990 | 101 | 58*** | | | 03 | 1 |
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| | 177 | 02993 | 165 | 97996 | 140 | 00998 | 070 | 97992 | 03 | 1 |
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| 316 | 283 | 00890 | | | | | | | 03 | 1 |
| 381 | 208 | 05994 | 174 | 04999 | 167 | 00997 | 080 | 98992 | 03 | 1 |
| 454 | 174 | 00994 | | | | | | | 03 | 1 |
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| 202 | 330 | 87991 | 220 | 06992 | 190 | 00993 | 118 | 19993 | 03 | 1 |
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| | 174 | 98999 | 145 | 02990 | | | | | 03 | 1 |
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| | 152 | 01990 | | | | | | | 03 | 1 |
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| 536 | 108 | 03997 | | | | | | | 03 | 1 |
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| | 190 | 16994 | 182 | 08995 | 167 | 11997 | 147 | 07996 | 03 | 1 |
| | 098 | 06999 | | | | | | | 03 | 1 |
| 562 | 032 | 09993 | | | | | | | 03 | 1 |
| 576 | 186 | 12998 | 180 | 09993 | 148 | 10994 | 135 | 07994 | 03 | 1 |
| | 080 | 07998 | 070 | 09998 | | | | | 03 | 1 |
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| 681 | 355 | 90990 | 288 | 98999 | 194 | 15994 | 162 | 08990 | 03 | 1 |
| 712 | 472 | 85971 | 432 | 89998 | 400 | 93998 | 316 | 05995 | 03 | 1 |
| | 290 | 02995 | 246 | 00990 | 221 | 02990 | 085 | 05995 | 03 | 1 |
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| | 056 | 07996 | | | | | | | 03 | 1 |
| 798 | 132 | 04995 | | | | | | | 03 | 1 |
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| 826 | 470 | 89977 | 298 | 10990 | 227 | 00990 | 149 | 00995 | 03 | 2 |
| 867 | 281 | 03998 | 221 | 04990 | 146 | 01999 | 101 | 47*** | 03 | 1 |
| 879 | 364 | 90921 | 202 | 17998 | 165 | 09997 | | | 03 | 1 |
| 896 | 124 | 06991 | 101 | 47 | | | | | 03 | 1 |
| 907 | 250 | 95993 | 101 | 51 | | | | | 03 | 1 |
| 913 | 575 | 86959 | 534 | 90990 | 454 | 97996 | 339 | 04991 | 03 | 1 |
| | 279 | 00990 | | | | | | | 03 | 1 |
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| 917 | 215 | 07997 | 233 | 02990 | | | | | 03 | 1 |
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| | 155 | 01990 | 101 | 58 | | | | | 03 | 1 |
| 938 | 188 | 01990 | | | | | | | 03 | 6 |
| 945 | 517 | 74865 | 215 | 13996 | 138 | 02995 | | | 03 | 1 |
| 964 | 233 | 14990 | 160 | 02994 | 101 | 58*** | | | 03 | 1 |
| 74 | | | | | | | | | | |
| 072 | 479 | 98990 | 267 | 07995 | 240 | 03996 | 192 | 01995 | 03 | 6 |
| 074 | 253 | 05995 | 069 | 05995 | 101 | 58*** | | | 03 | 6 |
| 082 | 045 | 21996 | 101 | 58 | | | | | 03 | 1 |
| 090 | 268 | 10990 | 230 | 08992 | 101 | 68*** | 093 | 85*** | 03 | 1 |
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| 679 | 420 | 70996 | 332 | 82993 | 286 | 90990 | 156 | 19990 | 03 | 6 |
| | 145 | 17994 | 130 | 21991 | | | | | 03 | 6 |
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| 325 | 262 | 98994 | 257 | 96998 | 224 | 02994 | 150 | 16994 | 03 | 1 |
| | 110 | 24998 | 090 | 22993 | | | | | 03 | 1 |
| 355 | 067 | 24995 | 060 | 13998 | 037 | 09990 | 030 | 02998 | 03 | 1 |
| 501 | 083 | 32994 | | | | | | | 03 | 1 |
| 526 | 444 | 61784 | 273 | 89989 | 176 | 14998 | 102 | 31990 | 03 | 1 |
| | 102 | 31990 | 094 | 29995 | | | | | 03 | 1 |
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| 066 | 240 | 01991 | 178 | 07991 | 142 | 17995 | | | 03 | 1 |
| 115 | 362 | 72995 | 275 | 89998 | 228 | 95993 | 171 | 08997 | 03 | 1 |
| | 082 | 26990 | 065 | 18990 | 043 | 10990 | 038 | 04990 | 03 | 1 |
| | 033 | 04990 | | | | | | | 03 | 1 |
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| | 394 | 65715 | 740 | 38723 | 370 | 79940 | 320 | 76833 | 03 | 1 |
| | 295 | 79908 | 255 | 88992 | 168 | 06996 | 140 | 11992 | 03 | 1 |
| | 092 | 29950 | 046 | 00990 | 027 | 85995 | 014 | 65997 | 03 | 1 |
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| | 244 | 93999 | 126 | 29995 | 108 | 29998 | 088 | 29990 | 03 | 1 |
| | 082 | 30994 | 073 | 17993 | 042 | 02992 | 037 | 04993 | 03 | 1 |
| 250 | 345 | 71996 | | | | | | | 03 | 1 |
| 275 | 274 | 88922 | 152 | 18990 | 130 | 20990 | 103 | 27990 | 03 | 1 |
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| 98 | | | | | | | | | | |
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| 645 | 059 | 15992 | 044 | 12995 | | | | | 03 | |
| 836 | 338 | 74883 | 296 | 81899 | 266 | 87986 | 136 | 22992 | 03 | |
| | 080 | 04996 | 073 | 24995 | | | | | 03 | |
| QLL | | OCEAN | STA | | | | | | | |
| 034 | 437 | 70732 | 306 | 88903 | 182 | 13991 | 164 | 12991 | 03 | 1 |
| 037 | 247 | 96998 | 162 | 02995 | 119 | 12997 | 091 | 10997 | 03 | 1 |
| 044 | 180 | 11990 | 171 | 08999 | 127 | 17994 | 107 | 18996 | 03 | 1 |
| 053 | 323 | 90961 | 220 | 11995 | 188 | 12997 | | | 03 | 1 |
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| | 139 | 17990 | 093 | 16990 | 071 | 17994 | 058 | 09995 | 03 | 1 |
| | 034 | 08995 | | | | | | | 03 | 1 |
| 134 | 315 | 90951 | 190 | 17990 | | | | | 03 | 1 |
| 223 | 352 | 73 | 310 | 78 | 272 | 86*** | 225 | 98*** | 02 | 1 |
| | 194 | 01 | 182 | 04 | 162 | 07*** | 144 | 14*** | 02 | 1 |
| | 135 | 16 | 118 | 22 | 111 | 22*** | 090 | 23*** | 02 | 1 |
| | 083 | 23 | 070 | 24 | 050 | 12*** | 038 | 06*** | 02 | 1 |
| 235 | 735 | 62 | 710 | 64 | 690 | 66*** | 667 | 68*** | 02 | 1 |
| | 646 | 69 | 625 | 70 | 605 | 71*** | 586 | 72*** | 02 | 1 |
| | 565 | 73 | 520 | 74 | 480 | 78*** | 465 | 79*** | 02 | 1 |
| | 446 | 82 | 180 | 98 | 105 | 04*** | 061 | 01*** | 02 | 1 |
| 246 | 073 | 96999 | 040 | 98997 | | | | | 02 | 1 |
| 360 | 327 | 00 4 | 237 | 14 4 | 226 | 12**7 | 185 | 15**1 | 02 | 5 |
| | 164 | 12 4 | 100 | 17 0 | 082 | 19**6 | | | 02 | 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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| | 230 | 14997 | 220 | 16992 | | | | | 03 | 5 |
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| | 169 | 17 | 161 | 15 | | | | | 03 | 8 |
| 415 | 270 | 02995 | 218 | 08999 | 170 | 08998 | 150 | 07993 | 03 | 5 |
| 02 | | | | | | | | | | |
| 062 | 543 | 68882 | 353 | 93052 | 344 | 93998 | 219 | 13997 | 03 | 8 |
| | 187 | 16992 | 132 | 14994 | | | | | 03 | 8 |
| 077 | 608 | 68728 | 587 | 67734 | 378 | 91973 | 225 | 13995 | 03 | 5 |
| | 174 | 17993 | 169 | 14998 | 067 | 19994 | | | 03 | 5 |
| 084 | 355 | 95990 | 280 | 06999 | 257 | 09996 | 230 | 15991 | 03 | 8 |
| | 224 | 13990 | 198 | 14994 | 168 | 11990 | | | 03 | 8 |
| 836 | 340 | 00994 | 260 | 09999 | 232 | 11994 | 219 | 09992 | 03 | 7 |
| | 177 | 14994 | 133 | 14994 | 103 | 19991 | | | 03 | 7 |
| 974 | 183 | 13 4 | 092 | 16 8 | | | | | 03 | 2 |
| 03 | | | | | | | | | | |
| 005 | 385 | 65490 | 370 | 60450 | 337 | 48**0 | 320 | 47**0 | 02 | 2 |
| | 210 | 14 0 | 185 | 25 0 | 120 | | | | 02 | 2 |
| 171 | 138 | 30 0 | 124 | 26 0 | 115 | 28**0 | 085 | 28**0 | 02 | 2 |
| | 068 | | | | | | | | 02 | 2 |
| 953 | 232 | 29 0 | 156 | 37 0 | 121 | 28**0 | | | 03 | 2 |
| 04 | | | | | | | | | | |
| 018 | 210 | 06990 | 182 | 03992 | 092 | 09996 | | | 03 | 1 |
| 202 | 541 | 82887 | 462 | 89965 | 272 | 13997 | 225 | 05993 | 03 | 1 |
| | 115 | 09994 | | | | | | | 03 | 1 |
| 220 | 438 | 93971 | 277 | 11990 | 131 | 07998 | | | 03 | 5 |
| 270 | 258 | 08993 | 101 | 58 | | | | | 03 | 1 |
| 360 | 186 | 06999 | 116 | 07992 | | | | | 03 | 5 |
| 06 | | | | | | | | | | |
| 180 | 125 | 09 9 | | | | | | | 03 | 5 |
| 260 | 695 | 57747 | 632 | 62788 | 565 | 69841 | 415 | 87991 | 02 | 8 |
| | 331 | 00 | 294 | 05 | 254 | 09*** | | | 02 | 8 |
| 447 | 295 | 04 3 | 287 | 04 3 | 240 | 08**8 | 217 | 07**1 | 03 | 8 |
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| 610 | 429 | 88038 | 266 | 04 4 | 221 | 07**0 | 200 | 06**1 | 05 | 8 |
| | 165 | 06 1 | | | | | | | 05 | 8 |
| 07 | | | | | | | | | | |
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| | 365 | 90951 | 335 | 93 1 | 293 | 00000 | 253 | 04**4 | 02 | 8 |
| | 178 | 08 1 | 140 | 08 0 | 090 | 07**1 | | | 02 | 8 |

# 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 |
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| | 235 | 11 7 | 228 | 11 1 | 215 | 11**7 | 170 | 09**4 | 02 | 8 |
| | 167 | 08 1 | 114 | 10 4 | | | | | 02 | 8 |
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| | 364 | 96 4 | 268 | 05 1 | 223 | 07**1 | 142 | 07**1 | 02 | 8 |
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| 480 | 521 | 79782 | 448 | 83879 | 413 | 86898 | 327 | 96**7 | 02 | 8 |
| | 256 | 06 4 | 210 | 08 4 | 152 | 05**4 | 107 | 05**4 | 02 | 8 |
| 510 | 480 | 80811 | 437 | 84861 | 398 | 90940 | 373 | 94**1 | 02 | 5 |
| | 291 | 04 7 | 263 | 07 0 | 052 | 09**7 | | | 02 | 5 |
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| | 238 | 06 1 | 116 | 06 1 | | | | | 02 | 5 |
| 08 | | | | | | | | | | |
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| | 174 | 14992 | 166 | 10997 | 064 | 17991 | | | 14 | 8 |
| 594 | 214 | 00999 | 172 | 03995 | 159 | 08993 | | | 14 | 8 |
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| 633 | 548 | 72875 | 412 | 90990 | 400 | 91999 | 343 | 00997 | 03 | 5 |
| | 305 | 04995 | | | | | | | 03 | 5 |
| 866 | 360 | 98998 | 329 | 01997 | 288 | 03992 | 225 | 05993 | 03 | 5 |
| | 181 | 04998 | | | | | | | 03 | 5 |
| 11 | | | | | | | | | | |
| 030 | 169 | 04991 | 134 | 05998 | | | | | 03 | 5 |
| 567 | 290 | 07 | 272 | 07 | 232 | 07*** | 203 | 07*** | 03 | 5 |
| | 170 | 05 | | | | | | | 03 | 5 |
| 16 | | | | | | | | | | |
| 716 | 445 | 75990 | | | | | | | 03 | 1 |
| 21 | | | | | | | | | | |
| 153 | 618 | 64708 | | | | | | | 02 | 5 |
| 169 | 411 | 86 | 345 | 94 | 301 | 02*** | | | 03 | 5 |
| 221 | 244 | 07 | | | | | | | 02 | 5 |
| 422 | 356 | 88 | 264 | 01 | 237 | 06*** | | | 02 | 5 |
| 802 | 346 | 91 | 286 | 97 | | | | | 01 | 5 |
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| 165 | 345 | 00 | | | | | | | 02 | 5 |
| 26 | | | | | | | | | | |
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| 107 | 157 | 08 | 102 | 07 | 084 | 07*** | | | 03 | 5 |
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| | 241 | 09 | 197 | 09 | | | | | 02 | 5 |
| 119 | 228 | 19 | 220 | 19 | | | | | 02 | 5 |
| 135 | 757 | 57707 | 731 | 61724 | 626 | 01802 | | | 02 | 5 |
| 145 | 614 | 66744 | 568 | 67803 | | | | | 02 | 5 |
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| 213 | 224 | 13 | | | | | | | 03 | 5 |
| 29 | | | | | | | | | | |
| 269 | 598 | 88881 | | | | | | | 02 | 5 |
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| | 342 | 02 | 316 | 02 | 286 | 98*** | 246 | 99*** | 02 | 5 |
| | 243 | 01 | 180 | 96 | 160 | 99*** | 146 | 99*** | 02 | 5 |
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| | 058 | 97 0 | | | | | | | 03 | 2 |
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| | 173 | 00990 | 101 | 42 | | | | | 03 | 1 |
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| | 168 | 05 0 | | | | | | | 02 | 5 |
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| 273 | 276 | 03997 | 160 | 97996 | 066 | 97996 | | | 03 | 1 |
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| | 072 | 11990 | 060 | 09999 | | | | | 03 | 1 |
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| | 400 | 83967 | 363 | 90973 | 216 | 12994 | 165 | 11997 | 03 | 1 |
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| 365 | 326 | 90990 | 171 | 18996 | 145 | 14993 | 096 | 18998 | 03 | 1 |
| | 069 | 13994 | 050 | 16990 | | | | | 03 | 1 |
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| 394 | 311 | 90981 | 164 | 18995 | 129 | 14997 | 085 | 14999 | 03 | 1 |
| 405 | 198 | 00990 | | | | | | | 03 | 1 |
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| 451 | 145 | 12999 | 132 | 06993 | 084 | 09998 | | | 03 | 1 |
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| | 060 | 12992 | 052 | 14997 | 045 | 11992 | | | 03 | 1 |
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| | 385 | 89994 | 194 | 13998 | 182 | 09993 | 120 | 05997 | 03 | 1 |
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| | 064 | 09998 | | | | | | | 03 | 1 |
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| | 250 | 04991 | 101 | 68 | 040 | 36*** | | | 03 | 1 |
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| | 054 | 04995 | | | | | | | 03 | 1 |
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| | 180 | 12991 | 170 | 07999 | 125 | 05996 | 075 | 05990 | 03 | 1 |
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| | 204 | 15990 | 142 | 08997 | | | | | 03 | 1 |
| 768 | 370 | 89941 | 214 | 16999 | 185 | 17992 | 171 | 11998 | 03 | 1 |
| | 151 | 11998 | 138 | 07992 | 110 | 10994 | 084 | 06996 | 03 | 1 |
| 775 | 230 | 12995 | | | | | | | 04 | 1 |
| 798 | 367 | 89994 | 225 | 15995 | 213 | 10999 | 094 | 05993 | 03 | 1 |
| 815 | 492 | 78993 | 462 | 83907 | 420 | 87017 | 355 | 98998 | 04 | 1 |
| | 286 | 01994 | 101 | 47 | | | | | 04 | 1 |
| 816 | 445 | 90912 | 312 | 06992 | 101 | 58*** | | | 03 | 1 |

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| | 161 | 50990 | 101 | 58 | | | | | 03 | 1 |
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| 968 | 530 | 90961 | 306 | 00990 | 117 | 95996 | 101 | 58*** | 03 | 1 |
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| 043 | 090 | 94999 | | | | | | | 03 | 1 |
| 072 | 323 | 08990 | 247 | 01995 | 188 | 00990 | | | 04 | 6 |
| 109 | 531 | 68747 | 515 | 69761 | 460 | 74804 | 348 | 90951 | 03 | 1 |
| | 226 | 12995 | 175 | 05995 | | | | | 03 | 1 |
| 198 | 415 | 89976 | 373 | 94995 | 334 | 95990 | 274 | 02990 | 03 | 1 |
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| 458 | 423 | 70999 | 400 | 73992 | | | | | 02 | 1 |
| 679 | 305 | 85999 | 287 | 89996 | 172 | 15991 | | | 03 | 6 |
| 78 | | | | | | | | | | |
| 016 | 538 | 64990 | 419 | 78926 | 345 | 90961 | 335 | 90982 | 04 | 1 |
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| 355 | 151 | 17994 | 083 | 25998 | 065 | 12993 | 040 | 05992 | 03 | 1 |
| 501 | 613 | 01995 | 352 | 75995 | 316 | 82994 | | | 03 | 1 |
| | 101 | 68 | 002 | 90 | | | | | 03 | 1 |
| 526 | 624 | 03621 | 590 | 00666 | 547 | 52724 | 276 | 89995 | 03 | 1 |
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| | 190 | 02990 | 125 | 21992 | | | | | 03 | 1 |
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| | 333 | 77998 | 283 | 86995 | 246 | 92998 | 237 | 92998 | 03 | 1 |
| | 088 | 25990 | 101 | 58 | | | | | 03 | 1 |
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| QLL | | OCEAN | STA | | | | | | | |
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| | 074 | 15999 | | | | | | | 03 | 1 |
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| 055 | 296 | 07998 | 243 | 05991 | | | | | 03 | 1 |
| 062 | 190 | 38 0 | 185 | 38 0 | 182 | 41**0 | 124 | 38**0 | 08 | 2 |
| | 086 | 26 0 | 032 | 15 0 | | | | | 08 | 2 |
| 063 | 163 | 01993 | 132 | 03998 | | | | | 03 | 1 |
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| | 248 | 06990 | | | | | | | 03 | 1 |
| 134 | 650 | 51652 | 567 | 59676 | 542 | 60778 | 333 | 89993 | 03 | 1 |
| | 167 | 18997 | 127 | 14990 | 121 | 15994 | | | 03 | 1 |
| 154 | 096 | | | | | | | | 03 | 1 |
| 223 | 526 | 62 | 455 | 64 | 392 | 69*** | 347 | 76*** | 03 | 1 |
| | 300 | 80 | 274 | 83 | 236 | 90*** | 185 | 04*** | 03 | 1 |
| | 167 | 10 | 143 | 13 | 135 | 17*** | 084 | 25*** | 03 | 1 |
| | 065 | 13 | 046 | 11 | | | | | 02 | 1 |
| 235 | 782 | 53 | 756 | 53 | 709 | 57*** | 686 | 58*** | 02 | 1 |
| | 664 | 59 | 642 | 60 | 601 | 64*** | 562 | 65*** | 02 | 1 |
| | 522 | 69 | 503 | 70 | 484 | 72*** | 466 | 74*** | 02 | 1 |
| | 381 | 81 | 335 | 83 | 280 | 92*** | 190 | 01*** | 02 | 1 |
| 246 | 130 | 97991 | 124 | 94992 | 109 | 97999 | 083 | 98994 | 03 | 1 |
| | 054 | 00900 | | | | | | | 03 | 1 |
| 360 | 210 | 16 4 | 153 | 12 8 | 120 | 16**7 | | | 02 | 5 |

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| | 217 | 13 | | | | | | | 03 | 8 |
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| 171 | 218 | 26 0 | 155 | 33 0 | 139 | 35**0 | 117 | 32**0 | 03 | 2 |
| | 088 | 27 0 | | | | | | | 03 | 2 |
| 322 | 195 | 38 0 | | | | | | | 02 | 2 |
| 476 | 115 | 35 0 | | | | | | | 03 | 2 |
| 743 | 273 | 31 0 | 260 | 33 0 | 240 | 31**0 | 196 | 40**0 | 03 | 2 |
| | 087 | 28 0 | | | | | | | 03 | 2 |
| 953 | 232 | 48 0 | 143 | 46 0 | 114 | 36**0 | 105 | 38**0 | 03 | 2 |
| | 087 | 33 0 | | | | | | | 03 | 2 |
| 04 | | | | | | | | | | |
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| 270 | 322 | 05997 | 133 | 03990 | 101 | 58*** | | | 03 | 1 |
| 340 | 650 | 69729 | 620 | 72756 | 575 | 73787 | 261 | 14995 | 03 | 8 |
| | 225 | 16990 | 208 | 10997 | 094 | 14999 | | | 03 | 8 |
| 06 | | | | | | | | | | |
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| | 260 | 08 | 236 | 09 | 223 | 08*** | 180 | 07*** | 02 | 8 |
| | 169 | 06 | 145 | 04 | 070 | 08*** | | | 02 | 8 |
| 447 | 270 | 07 0 | 253 | 07 0 | 186 | 04**2 | 180 | 05**0 | 03 | 8 |
| | 100 | 06 0 | 058 | 12 6 | | | | | 03 | 8 |
| 610 | 543 | 78812 | 506 | 79877 | 466 | 83937 | 354 | | 05 | 8 |
| | 285 | 03 4 | 200 | 03 7 | | | | | 05 | 8 |
| 07 | | | | | | | | | | |
| 110 | 413 | 81833 | 311 | 98 1 | 240 | 00000 | 223 | 99**0 | 02 | 8 |
| | 195 | 99 0 | 160 | 07 4 | 138 | 97**4 | 113 | 01**0 | 02 | 8 |
| 145 | 730 | 58681 | 687 | 61703 | 552 | 71955 | 526 | 74971 | 02 | 8 |
| | 495 | 79010 | 369 | 95 1 | 311 | 01**4 | 261 | 06**6 | 02 | 8 |
| | 229 | 07 4 | 200 | 02 0 | 182 | 02**0 | 133 | 02**0 | 02 | 8 |
| | 124 | 05 0 | 103 | 05 0 | | | | | 02 | 8 |
| 190 | 582 | 72767 | 550 | 76798 | 518 | 81848 | 380 | 98**4 | 02 | 8 |
| | 511 | 04 1 | 243 | 04 1 | 220 | 06**0 | 145 | 56**0 | 02 | 8 |
| | 111 | 09 0 | 086 | 09 0 | | | | | 02 | 8 |
| 480 | 181 | 04 1 | | | | | | | 02 | 8 |
| 510 | 642 | 60601 | 600 | 61619 | 524 | 71719 | 465 | 76751 | 02 | 5 |
| | 428 | 83846 | 394 | 86904 | 340 | 99**1 | 295 | 99**0 | 02 | 5 |
| | 230 | 05 4 | 133 | 03 4 | 083 | 09**4 | | | 02 | 5 |
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| | 388 | 87884 | 364 | 90902 | 324 | 97**1 | 294 | 01**0 | 02 | 5 |
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| | 165 | 10996 | | | | | | | 14 | 8 |
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| 338 | 077 | 23 0 | | | | | | | 03 | 2 |
| 393 | 225 | | 190 | 08 | 115 | 08*** | 096 | 07*** | 02 | 8 |
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| | 045 | 13 | | | | | | | 02 | 8 |
| 486 | 350 | 91 | 305 | 99 | 285 | 02*** | 255 | 08*** | 02 | 8 |
| | 240 | 10 | 225 | 10 | 187 | 10*** | 117 | 07*** | 02 | 8 |
| | 096 | | 104 | 86 | | | | | 02 | 8 |
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| 672 | 595 | 71724 | 585 | 71726 | 565 | 74751 | 540 | 75763 | 03 | 8 |
| | 480 | 83854 | 455 | 84863 | 400 | 91946 | 350 | 97995 | 03 | 8 |
| | 300 | 01996 | 260 | 83997 | 240 | 03990 | 225 | 04992 | 03 | 8 |
| | 185 | 04992 | | | | | | | 03 | 8 |
| 866 | 289 | 00990 | 150 | 04997 | | | | | 03 | 5 |
| 11 | | | | | | | | | | |
| 030 | 262 | 05995 | 248 | 07997 | 150 | 06993 | | | 03 | 5 |
| 12 | | | | | | | | | | |
| 375 | 441 | 81 | 369 | 91 | 325 | 95*** | 291 | | 06 | 8 |
| | 255 | 04 | 194 | 07 | 142 | 07*** | 125 | 05*** | 06 | 8 |
| | 106 | 06 | 091 | 04 | | | | | 06 | 8 |
| 840 | 528 | 75846 | 396 | 90985 | 291 | 06134 | 278 | 07*** | 03 | 8 |
| | 269 | 07 | 201 | 09 | 189 | 08*** | | | 03 | 8 |
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| 209 | 414 | 84 | | | | | | | 02 | 5 |
| 221 | 299 | 98 | 252 | 04 | | | | | 02 | 5 |
| 22 | | | | | | | | | | |
| 357 | 464 | 81 | 348 | 94 | 255 | 07*** | 216 | 12*** | 02 | 5 |
| | 203 | 12 | | | | | | | 02 | 5 |
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| 087 | 359 | 82 | 268 | 96 | 230 | 01*** | | | 02 | 5 |
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| 119 | 338 | 99 04 | 234 | 11 | 231 | 15*** | 197 | 15*** | 02 | 5 |
| | 160 | 12 | 133 | 12 | | | | | 02 | 5 |
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| 213 | 676 | 81868 | 658 | 80874 | 637 | 81889 | 591 | 84937 | 01 | 5 |

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| 827 | 602 | 56698 | 456 | 72842 | 355 | 82995 | 296 | 86993 | 03 | 1 |
| | 272 | 86996 | 168 | 07995 | 099 | 24990 | 046 | 03996 | 03 | 1 |
| 931 | 477 | 58996 | 278 | 86990 | 085 | 28995 | 015 | 92996 | 03 | 1 |
| 60 | | | | | | | | | | |
| 120 | 373 | 81876 | 323 | 89997 | 260 | 96995 | | | 03 | 6 |
| 155 | 526 | 62640 | 440 | 79741 | 395 | 76782 | 306 | 88913 | 02 | 8 |
| | 246 | 98 0 | | | | | | | 02 | 8 |
| 390 | 626 | 64640 | 560 | 70710 | 504 | 77793 | 402 | 91**0 | 02 | 5 |
| | 320 | 00 0 | 245 | 08 4 | 183 | 03**7 | | | 02 | 5 |
| 625 | 511 | 64826 | 492 | 64826 | 296 | 96**1 | 266 | 01**4 | 02 | 8 |
| | 215 | 08 1 | 175 | 08 1 | 163 | 09**7 | 150 | 05**1 | 02 | 8 |
| | 124 | 13 0 | 107 | 16 7 | 089 | 14**7 | | | 02 | 8 |
| 715 | 226 | 09 0 | 208 | 09 0 | 194 | 07**0 | 158 | 07**0 | 14 | 5 |
| 61 | | | | | | | | | | |
| 642 | 487 | 61637 | 420 | 67806 | 310 | 85990 | 221 | 03**7 | 07 | 5 |
| | 160 | 20 1 | 120 | 30 0 | | | | | 07 | 5 |
| 70 | | | | | | | | | | |
| 133 | 191 | 94994 | 137 | 93993 | | | | | 03 | 1 |
| 204 | 042 | 00995 | | | | | | | 03 | 1 |
| 219 | 710 | 65803 | 586 | 73874 | 425 | 86969 | 260 | 04991 | 03 | 1 |
| | 241 | 00998 | 228 | 02999 | 052 | 97990 | | | 03 | 1 |
| 231 | 577 | 75995 | 528 | 77990 | 470 | 83964 | 418 | 90981 | 03 | 1 |
| | 327 | 97997 | 115 | 97994 | 050 | 95990 | | | 03 | 1 |
| 261 | 115 | 97994 | 088 | 97997 | 075 | 96992 | | | 03 | 1 |
| 263 | 191 | 94995 | 182 | 92995 | 101 | 55*** | | | 03 | 1 |
| 273 | 476 | 81897 | 415 | 90962 | 355 | 02990 | 305 | 03996 | 03 | 1 |
| | 190 | 97995 | 165 | 95997 | 132 | 97998 | | | 03 | 1 |
| 291 | 284 | 98990 | 259 | 00998 | 251 | 96998 | 210 | 97994 | 03 | 1 |
| | 059 | 98996 | | | | | | | 03 | 1 |
| 308 | 430 | 88910 | 250 | 03998 | | | | | 03 | 1 |
| 316 | 662 | 64804 | 614 | 67994 | 585 | 71991 | 250 | 03998 | 03 | 1 |
| | 125 | 96995 | 076 | 95996 | 059 | 95997 | 101 | 58*** | 03 | 1 |
| 350 | 090 | 96998 | | | | | | | 03 | 1 |
| 72 | | | | | | | | | | |
| 202 | 537 | 60774 | 310 | 89996 | 087 | 17990 | 070 | 20990 | 03 | 1 |
| | 030 | 02994 | | | | | | | 03 | 1 |
| 208 | 358 | 88934 | 234 | 09999 | 155 | 10992 | 146 | 12996 | 03 | 1 |
| | 129 | 08990 | 078 | 12996 | 030 | 09990 | | | 03 | 1 |
| 211 | 322 | 90001 | 078 | 16995 | | | | | 03 | 1 |
| 219 | 514 | 71759 | 440 | 78931 | 400 | 84992 | 360 | 89995 | 03 | 1 |
| | 230 | 10991 | 156 | 14993 | 149 | 08996 | 078 | 13997 | 03 | 1 |
| | 055 | 09995 | 044 | 12990 | | | | | 03 | 1 |
| 240 | 569 | 59991 | 400 | 78990 | 332 | 89994 | 157 | 16998 | 03 | 1 |
| | 140 | 14991 | 080 | 17990 | | | | | 03 | 1 |
| 250 | 303 | 89991 | 206 | 09990 | | | | | 03 | 1 |
| 253 | 574 | 55999 | 400 | 76993 | 310 | 90990 | 164 | 17990 | 03 | 1 |
| | 150 | 14990 | 064 | 18993 | 030 | 05996 | | | 03 | 1 |
| 259 | 594 | 57734 | 497 | 67805 | 365 | 84969 | 331 | 90990 | 03 | 1 |
| | 319 | 91998 | 101 | 68 | 088 | 59*** | 050 | 40*** | 03 | 1 |
| 265 | 314 | 90990 | 164 | 18996 | 066 | 18998 | 050 | 13991 | 03 | 1 |
| 278 | 457 | 68833 | 400 | 76996 | 325 | 87984 | 316 | 87992 | 05 | 1 |
| | 177 | 15990 | | | | | | | 05 | 1 |
| 304 | 400 | 86891 | 384 | 88927 | 262 | 07990 | 186 | 10998 | 03 | 1 |
| | 135 | 06998 | 090 | 09990 | 084 | 11995 | 062 | 08995 | 03 | 1 |
| | 057 | 10995 | | | | | | | 03 | 1 |
| 317 | 570 | 66716 | 400 | 86932 | 380 | 89974 | 212 | 12997 | 03 | 1 |
| 327 | 610 | 62656 | 543 | 66837 | 400 | 85993 | 361 | 89998 | 03 | 1 |
| | 195 | 14993 | 190 | 13998 | | | | | 03 | 1 |
| 340 | 348 | 90951 | 180 | 17990 | 150 | 12998 | 126 | 16990 | 03 | 1 |
| | 110 | 11994 | 075 | 09996 | 064 | 11990 | | | 03 | 1 |
| 353 | 154 | 18995 | 108 | 13990 | 052 | 12998 | | | 03 | 1 |
| 365 | 067 | 12996 | 050 | 13991 | | | | | 03 | 1 |
| 386 | 518 | 59997 | 320 | 89991 | 158 | 17995 | 133 | 16998 | 03 | 1 |
| | 128 | 12999 | 077 | 16990 | 072 | 13994 | 050 | 13999 | 03 | 1 |
| | 025 | 07999 | | | | | | | 03 | 1 |
| 394 | 136 | 13999 | 106 | 18991 | 067 | 14997 | | | 03 | 1 |
| 405 | 618 | 62779 | 579 | 64993 | 210 | 16990 | 175 | 12990 | 03 | 1 |
| | 170 | 07992 | 130 | 10994 | 052 | 09997 | | | 03 | 1 |
| 445 | 185 | 11990 | | | | | | | 03 | 1 |
| 451 | 400 | 81893 | 345 | 89961 | 164 | 16996 | 193 | 12999 | 03 | 1 |
| | 115 | 16994 | 075 | 12999 | 066 | 09990 | 039 | 09999 | 03 | 1 |
| | 032 | 06995 | | | | | | | 03 | 1 |
| 476 | 418 | 76871 | 400 | 79914 | 325 | 90012 | 252 | 04996 | 03 | 1 |
| | 170 | 17999 | 145 | 19992 | 111 | 12991 | 052 | 11996 | 03 | 1 |
| 486 | 146 | 17996 | 140 | 13998 | 028 | 07994 | | | 03 | 1 |
| 493 | 336 | 90940 | 182 | 16992 | 145 | 11990 | 078 | 12991 | 03 | 1 |
| 518 | 540 | 73774 | 400 | 89948 | 228 | 13990 | 167 | 05999 | 03 | 1 |
| | 145 | 06992 | | | | | | | 03 | 1 |
| 520 | 650 | 61672 | 630 | 61783 | 589 | 63994 | 525 | 71861 | 03 | 1 |
| | 480 | 76904 | 442 | 81990 | 400 | 87983 | 222 | 15992 | 03 | 1 |
| | 157 | 07993 | 139 | 06999 | | | | | 03 | 1 |
| 528 | 275 | 08992 | | | | | | | 03 | 1 |
| 553 | 136 | 11992 | 132 | 08999 | 062 | 12994 | 040 | 07994 | 03 | 1 |
| 576 | 143 | 13993 | 077 | 08995 | 072 | 10998 | 040 | 06995 | 03 | 1 |
| 597 | 350 | 90940 | 175 | 15993 | 153 | 10993 | 098 | 13990 | 03 | 1 |
| | 085 | 11993 | | | | | | | 03 | 1 |
| 600 | 264 | 93995 | 246 | 92991 | 163 | 96999 | 101 | 58*** | 03 | 1 |
| 606 | 543 | 74791 | 416 | 88936 | 400 | 91993 | 272 | 10994 | 03 | 1 |
| | 238 | 11993 | 194 | 05990 | 130 | 05993 | | | 03 | 1 |
| 655 | 400 | 88990 | 227 | 07992 | 130 | 03995 | 112 | 08990 | 03 | 1 |
| | 094 | 07990 | | | | | | | 03 | 1 |
| 662 | 091 | 11997 | 080 | 07993 | 070 | 10994 | 036 | 05996 | 03 | 1 |
| 681 | 475 | 70992 | 463 | 70990 | 400 | 80990 | 344 | 90990 | 03 | 1 |
| | 223 | 14993 | 210 | 14996 | | | | | 03 | 1 |
| 712 | 448 | 87981 | 400 | 93997 | 262 | 06995 | 158 | 98999 | 03 | 1 |
| 734 | 050 | 07992 | | | | | | | 03 | 1 |
| 747 | 350 | 00990 | 325 | 97993 | 273 | 04995 | 125 | 06994 | 03 | 1 |
| 768 | 213 | 19995 | 165 | 12996 | 160 | 13995 | 150 | 08998 | 03 | 1 |
| | 137 | 13992 | 132 | 10994 | 122 | 11996 | 119 | 07993 | 06 | 1 |
| | 088 | 10993 | 074 | 05999 | 061 | 06992 | | | 03 | 1 |
| 798 | 150 | 10991 | 104 | 01995 | | | | | 03 | 1 |
| 815 | 337 | 00995 | 297 | 01992 | 224 | 97999 | 195 | 97998 | 03 | 1 |
| 906 | 120 | 97994 | | | | | | | 03 | 1 |
| 907 | 589 | 89912 | 444 | 00990 | 420 | 00994 | 332 | 05995 | 03 | 1 |
| | 076 | 00996 | 101 | 58 | | | | | 03 | 1 |
| 913 | 734 | 75856 | 678 | 77876 | 599 | 82995 | 545 | 85942 | 03 | 1 |
| | 480 | 90962 | 444 | 93997 | 415 | 93999 | 337 | 02996 | 03 | 1 |
| | 256 | 06990 | 170 | 02999 | | | | | 03 | 1 |
| 917 | 285 | 13992 | 243 | 05996 | 065 | 15992 | | | 03 | 1 |
| 934 | 607 | 67704 | 583 | 67704 | 369 | 89924 | 213 | 13994 | 03 | 1 |
| | 145 | 03993 | 101 | 58 | | | | | 03 | 1 |
| 945 | 288 | 01996 | 243 | 03997 | 080 | 00990 | | | 03 | 1 |
| 964 | 245 | 98993 | 167 | 95996 | 055 | 98990 | 101 | 58*** | 03 | 1 |
| 74 | | | | | | | | | | |
| 072 | 325 | 07999 | 153 | 00990 | | | | | 03 | 6 |
| 198 | 295 | 96993 | 101 | 58 | | | | | 03 | 1 |
| 76 | | | | | | | | | | |
| 679 | 229 | 03999 | 130 | 22994 | 076 | 24995 | | | 03 | 6 |
| 78 | | | | | | | | | | |
| 016 | 385 | 85945 | 351 | 86998 | 325 | 89998 | 288 | 92990 | 03 | 1 |
| | 217 | 08990 | 174 | 09990 | 101 | 58*** | | | 03 | 1 |
| 355 | 050 | 11996 | 036 | 06999 | | | | | 04 | 1 |
| 501 | 060 | 17991 | 037 | 07993 | | | | | 03 | 1 |
| 526 | 125 | 23992 | 094 | 26997 | 075 | 24991 | 058 | 14993 | 03 | 1 |
| | 054 | 14993 | | | | | | | 03 | 1 |
| 806 | 563 | 51652 | 514 | 55992 | 468 | 59703 | 457 | 61702 | 03 | 1 |
| | 434 | 62743 | 277 | 88999 | 274 | 88999 | 134 | 23999 | 03 | 1 |
| 91 | | | | | | | | | | |
| 066 | 140 | 15999 | 133 | 20996 | 107 | 27998 | 087 | 27996 | 03 | 1 |
| | 072 | 24991 | 048 | 10992 | 045 | 11992 | | | 03 | 1 |
| 115 | 273 | 86999 | 167 | 10992 | 140 | 15995 | | | 05 | 1 |
| 165 | 148 | 14993 | | | | | | | 03 | 1 |
| 218 | 462 | 55996 | 248 | 86995 | 165 | 07999 | 082 | 27995 | 04 | 1 |
| | 037 | 96998 | 101 | 55 | | | | | 04 | 1 |
| 275 | 072 | 28998 | 065 | 20992 | 101 | 58*** | | | 03 | 1 |
| 285 | 189 | 05997 | 166 | 10991 | | | | | 03 | 1 |
| 366 | 278 | 85991 | 237 | 93999 | 166 | 13995 | 114 | 30997 | 03 | 1 |
| | 083 | 35995 | 101 | 58 | | | | | 03 | 1 |
| 700 | 254 | 89999 | 129 | 24991 | 088 | 35999 | 072 | 29999 | 03 | 1 |
| | 058 | 15993 | 044 | | | | | | 03 | 1 |
| 98 | | | | | | | | | | |
| 836 | 029 | 00992 | | | | | | | 03 | |
| QLL | | OCEAN | STA | | | | | | | |
| 034 | 182 | 10993 | 143 | 14994 | | | | | 03 | 1 |
| 037 | 370 | 90990 | 255 | 07990 | 170 | 06997 | 108 | 11992 | 03 | 1 |
| | 089 | 10998 | | | | | | | 03 | 1 |
| 041 | 400 | 88954 | 323 | 90978 | 268 | 00**7 | 206 | 02**0 | 02 | 5 |
| | 179 | 05 4 | 122 | 05 4 | 081 | 12**7 | | | 02 | 5 |
| 044 | 320 | 89941 | 175 | 13994 | 165 | 10990 | 142 | 13993 | 03 | 1 |
| | 129 | 10999 | 112 | 16992 | 084 | 14997 | | | 03 | 1 |
| 053 | 140 | 04998 | 090 | 07990 | 075 | 12999 | 068 | 11998 | 03 | 1 |
| 055 | 262 | 06991 | 197 | 01998 | | | | | 03 | 1 |
| 062 | 219 | 38 0 | 154 | 40 0 | 064 | 20**0 | | | 02 | 2 |
| 134 | 212 | 12992 | 170 | 13997 | | | | | 03 | 1 |
| 223 | 543 | 59 | 524 | 62 | 450 | 66*** | 368 | 76*** | 03 | 1 |
| | 353 | 78 | 324 | 78 | 281 | 86*** | 243 | 93*** | 03 | 1 |
| | 232 | 94 | 180 | 06 | 170 | 10*** | | | 03 | 1 |
| 235 | 700 | 61 | 650 | 63 | 630 | 64*** | 586 | 67*** | 04 | 1 |
| | 568 | 68 | 550 | 70 | 514 | 72*** | 497 | 73*** | 04 | 1 |
| | 480 | 74 | 462 | 77 | 445 | 79*** | 430 | 81*** | 04 | 1 |
| | 335 | 87 | 185 | 98 | 133 | 08*** | 090 | 08*** | 04 | 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 |
|---|---|---|---|---|---|---|---|---|---|---|
| 246 | 090 | 96993 | 072 | 02990 | 056 | 98999 | 045 | 98999 | 03 | 1 |
| 360 | 254 | 10 4 | 237 | 12 2 | 213 | 11**5 | 170 | 10**7 | 02 | 5 |
| | 100 | 13 8 | 085 | 15 5 | | | | | 02 | 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 | 280 | 09992 | 253 | 12991 | | | | | 03 | 8 |
| 030 | 290 | 09993 | 248 | 13992 | 178 | 12993 | 157 | 15995 | 03 | 5 |
| | 122 | 15995 | 074 | 21990 | | | | | 03 | 5 |
| 384 | 480 | 82892 | 441 | 88941 | 400 | 91984 | 318 | 03*** | 03 | 8 |
| | 235 | 09 | 224 | 09 | 193 | 11*** | | | 03 | 8 |
| 415 | 400 | 89956 | 234 | 09999 | 160 | 04998 | | | 03 | 5 |
| 02 | | | | | | | | | | |
| 062 | 248 | 10992 | 239 | 09994 | 191 | 10992 | 180 | 11992 | 03 | 8 |
| | 148 | 10995 | 084 | 14999 | | | | | 03 | 8 |
| 084 | 298 | 02997 | 260 | 05997 | 239 | 08993 | 217 | 09999 | 03 | 8 |
| | 189 | 08994 | 170 | 06998 | 150 | 06999 | | | 03 | 8 |
| 836 | 327 | 00993 | 237 | 14999 | 148 | 13996 | 129 | 12990 | 03 | 7 |
| | 117 | 15998 | 100 | 15997 | | | | | 03 | 7 |
| 974 | 411 | 89 0 | 249 | 10 8 | 209 | 12**2 | 151 | 09**4 | 03 | 2 |
| | 082 | 13 1 | 053 | 17 4 | | | | | 03 | 2 |
| 03 | | | | | | | | | | |
| 005 | 535 | 90780 | 283 | 31 0 | 238 | 25**0 | 222 | 21**0 | 02 | 2 |
| | 210 | 23 0 | 190 | 27 0 | 066 | 22**0 | | | 02 | 2 |
| 171 | 126 | 32 0 | 072 | 23 0 | | | | | 02 | 2 |
| 322 | 277 | 30 0 | 247 | 24 0 | 234 | 24**0 | 157 | 34**0 | 02 | 2 |
| | 063 | 31 0 | | | | | | | 02 | 2 |
| 476 | 375 | 60400 | 240 | 27 0 | 225 | 25**0 | 190 | 35**0 | 02 | 2 |
| | 180 | 32 0 | 160 | 36 0 | 143 | 36**0 | | | 02 | 2 |
| 743 | 275 | 31 0 | 230 | 35 0 | 211 | 32**0 | 194 | 39**0 | 02 | 2 |
| | 161 | 36 0 | | | | | | | 02 | 2 |
| 917 | 220 | 28 0 | 215 | 26 0 | 188 | 34**0 | 138 | 35**0 | 02 | 2 |
| | 096 | 26 0 | 071 | | | | | | 02 | 2 |
| 953 | 254 | 33 0 | 214 | 38 0 | 162 | 38**0 | | | 03 | 2 |
| 04 | | | | | | | | | | |
| 018 | 152 | 04995 | | | | | | | 03 | 1 |
| 202 | 320 | 07993 | | | 235 | 05993 | 216 | 99996 | 03 | 1 |
| | 193 | 03997 | 130 | 089/95 | 097 | 09992 | 074 | 17998 | 03 | 1 |
| 270 | 417 | 90931 | 267 | 13995 | 250 | 13995 | 215 | 09990 | 09 | 1 |
| 06 | | | | | | | | | | |
| 260 | 608 | 66741 | 589 | 68761 | 505 | 78811 | 493 | 77839 | 02 | 8 |
| | 392 | 88 | 330 | 96 | 321 | 96*** | 270 | 04*** | 02 | 8 |
| | 248 | 07 | 170 | 10 | 120 | 07*** | 050 | 10*** | 02 | 8 |
| 447 | 150 | 03 0 | 083 | 08 8 | | | | | 03 | 8 |
| 610 | 471 | 78901 | 388 | 90943 | 309 | 03**4 | 264 | 09**7 | 05 | 8 |
| | 226 | 07 7 | 188 | 06 4 | | | | | 05 | 8 |
| 07 | | | | | | | | | | |
| 110 | 708 | 58599 | 620 | 66693 | 548 | 75782 | 524 | 78821 | 02 | 8 |
| | 508 | 77812 | 320 | 00 4 | 290 | 00000 | 244 | | 02 | 8 |
| 145 | 570 | 76844 | 452 | 85974 | 410 | 92**4 | 334 | 04**4 | 02 | 8 |
| | 297 | 08 4 | 277 | 07 4 | 226 | 07**4 | 214 | 05**4 | 02 | 8 |
| | 223 | 05 4 | 107 | 07 4 | | | | | 02 | 8 |
| 190 | 470 | 76782 | 450 | 79824 | 423 | 82843 | 369 | 92**4 | 02 | 8 |
| | 323 | 02 0 | 289 | 07 0 | 207 | 07**0 | 184 | 04**7 | 02 | 8 |
| | 144 | 04 7 | 118 | 07 0 | 088 | 07**0 | 053 | 13**0 | 02 | 8 |
| 480 | 379 | 90938 | 309 | 02 7 | 273 | 06**1 | 243 | 05**8 | 02 | 8 |
| | 167 | 00 7 | 106 | 00 7 | | | | | 02 | 8 |
| 510 | 600 | 70791 | 540 | 77875 | 500 | 82913 | 439 | 88985 | 02 | 8 |
| | 372 | 98 1 | 286 | 09 4 | 248 | 09**4 | 210 | 05**1 | 02 | 5 |
| | 166 | 03 4 | 126 | 03 4 | 058 | 10**0 | | | 02 | 5 |
| 645 | 534 | 72721 | 446 | 81813 | 422 | 86863 | 374 | 92**1 | 02 | 5 |
| | 342 | 01 0 | 284 | 10 1 | 243 | 10**1 | 195 | 05**0 | 02 | 5 |
| | 143 | 01 1 | | | | | | | 02 | 5 |
| 08 | | | | | | | | | | |
| 509 | 436 | 73 0 | 317 | 90 0 | 205 | 12**0 | | | 03 | 1 |
| 521 | 087 | 22995 | 078 | 18990 | | | | | 14 | 8 |
| 594 | 098 | 18998 | | | | | | | 14 | 8 |
| 10 | | | | | | | | | | |
| 384 | 466 | 86967 | 428 | 90990 | 280 | 00990 | | | 03 | 5 |
| 633 | 329 | 98999 | 226 | 05990 | | | | | 03 | 5 |
| 866 | 120 | 06997 | | | | | | | 03 | 5 |
| 11 | | | | | | | | | | |
| 567 | 270 | 06 | 255 | 06 | 227 | 07*** | 215 | 06*** | 03 | 5 |
| | 170 | 06 | | | | | | | 03 | 5 |
| 16 | | | | | | | | | | |
| 596 | 157 | 42 0 | 092 | 22 0 | 078 | 27**0 | | | 02 | 2 |
| 17 | | | | | | | | | | |
| 606 | 204 | | 114 | 19 0 | | | | | 02 | 2 |
| 21 | | | | | | | | | | |
| 056 | 114 | 13 | | | | | | | 02 | 5 |
| 169 | 450 | 83 | 450 | 83 | 360 | 92*** | 257 | 03*** | 02 | 5 |
| 209 | 536 | 74 | 405 | 90 | 271 | 08*** | | | 02 | 5 |
| 422 | 222 | 05 | 158 | 05 | 127 | 05*** | | | 02 | 5 |
| 802 | 347 | 96 | 279 | 05 | | | | | 01 | 5 |
| 22 | | | | | | | | | | |
| 357 | 289 | 03 | 257 | 02 | | | | | 02 | 5 |
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| 957 | 685 | 59766 | | | | | | | 02 | 5 |
| 24 | | | | | | | | | | |
| 170 | 260 | 07 | | | | | | | 02 | 5 |
| 25 | | | | | | | | | | |
| 204 | 609 | 80859 | 592 | 81855 | | | | | 02 | 5 |
| 26 | | | | | | | | | | |
| 090 | 328 | 11 | 226 | 11 | | | | | 02 | 5 |
| 101 | 435 | 84 | 423 | 88 | 371 | 92*** | | | 02 | 5 |
| 119 | 368 | 93 | 296 | 02 | 215 | 04*** | 149 | 05*** | 02 | 5 |
| | 128 | 03 | 122 | 03 | | | | | 02 | 5 |
| 145 | 265 | 21317 | | | | | | | 03 | 5 |
| 580 | 439 | 80 | 393 | 90 | 377 | 92*** | | | 01 | 5 |
| 27 | | | | | | | | | | |
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| 28 | | | | | | | | | | |
| 229 | 591 | 85 | 557 | 86 | | | | | 02 | 5 |
| 29 | | | | | | | | | | |
| 263 | 212 | 05 | 147 | 05 | | | | | 02 | 5 |
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| 427 | 175 | 34 0 | 074 | 02 0 | 058 | 93**0 | 047 | 02**0 | 02 | 2 |
| 648 | 377 | 14950 | 510 | 99880 | 334 | 64550 | 209 | 22**0 | 02 | 2 |
| | 192 | 22 | 153 | 30 0 | 126 | 26**0 | 063 | 06**0 | 02 | 2 |
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| 005 | 145 | 16 0 | 088 | 97 0 | 083 | 99**0 | 077 | 97**0 | 00 | 2 |
| 47 | | | | | | | | | | |
| 401 | 166 | 98997 | 102 | 01995 | 090 | 99990 | 078 | 99993 | 03 | 1 |
| | 057 | 99992 | 101 | 58 | | | | | 03 | 1 |
| 412 | 315 | 97994 | 265 | 04995 | 162 | 98993 | 130 | 03999 | 03 | 1 |
| | 083 | 03995 | 066 | 02993 | 050 | 96994 | 101 | 58*** | 03 | 1 |
| 582 | 420 | 81833 | 373 | 86993 | 543 | 92993 | 326 | 93998 | 03 | 1 |
| | 285 | 01996 | 273 | 02997 | 247 | 01994 | 223 | 03990 | 03 | 1 |
| | 165 | 02995 | 148 | 03998 | 140 | 03994 | 125 | 05996 | 03 | 1 |
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| 590 | 286 | 01995 | 254 | 02995 | 218 | 00990 | 185 | 04990 | 03 | 1 |
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| 600 | 404 | 79896 | 286 | 98995 | 241 | 96995 | 198 | 01995 | 03 | 1 |
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| | 004 | 01992 | 101 | 58 | | | | | 03 | 1 |
| 635 | 234 | 97994 | 225 | 97991 | 181 | 02999 | 175 | 02999 | 03 | 1 |
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| | 025 | 92995 | 101 | 55 | | | | | 03 | 1 |
| 744 | 538 | 68759 | 942 | 75812 | 460 | 72794 | 446 | 72794 | 03 | 1 |
| | 320 | 87995 | 297 | 87995 | 268 | 89995 | 250 | 93997 | 03 | 1 |
| | 222 | 96998 | 203 | 97998 | 188 | 00990 | 172 | 00990 | 03 | 1 |
| | 167 | 00990 | 156 | 02999 | | | | | 03 | 1 |
| 778 | 519 | 64724 | 462 | 66759 | 376 | 77853 | 352 | 81991 | 03 | 1 |
| | 272 | 87995 | 262 | 90994 | 235 | 91997 | 156 | 07999 | 03 | 1 |
| | 142 | 06997 | 123 | 13996 | 107 | 15997 | 094 | 19996 | 03 | 1 |
| | 072 | 15992 | 068 | 10995 | 039 | 00990 | | | 03 | 1 |
| 808 | 532 | 70730 | 511 | 07734 | 474 | 68801 | 433 | 74993 | 03 | 1 |
| | 350 | 86996 | 325 | 85994 | 260 | 95994 | 152 | 05996 | 03 | 1 |
| | 112 | 15999 | 101 | 58 | | | | | 03 | 1 |
| 827 | 354 | 79865 | 329 | 78869 | 246 | 90995 | 197 | 01998 | 03 | 1 |
| | 169 | 07992 | 144 | 10997 | 101 | 58*** | | | 03 | 1 |
| 931 | 533 | 55992 | 447 | 65990 | | | | | 03 | 1 |
| 60 | | | | | | | | | | |
| 155 | 670 | 54626 | 560 | 61733 | 522 | 66782 | 486 | 66792 | 02 | 8 |
| | 440 | 72841 | 358 | 80944 | 294 | 95**7 | | | 02 | 8 |
| 390 | 617 | 68700 | 588 | 69722 | 527 | 78814 | 492 | 81844 | 02 | 5 |
| | 454 | 82849 | 413 | 90 0 | 382 | 91**4 | 280 | 02**7 | 02 | 5 |
| | 247 | 03 7 | 168 | 10 0 | | | | | 02 | 5 |
| 625 | 638 | 53646 | 611 | 55758 | 578 | 56753 | 552 | 57777 | 02 | 8 |
| | 520 | 61808 | 514 | 61808 | 464 | 68861 | 349 | 85005 | 02 | 8 |
| | 259 | 02 1 | 213 | 09 4 | 196 | 07**0 | 125 | 18**7 | 02 | 8 |
| | 111 | 16 7 | 095 | 22 0 | | | | | 02 | 8 |
| 715 | 280 | 03 1 | 174 | 03 1 | | | | | 14 | 5 |
| 61 | | | | | | | | | | |
| 642 | 546 | 56624 | 533 | 56654 | 451 | 66691 | 357 | 77997 | 07 | 5 |
| | 240 | 99 1 | 152 | 20 7 | 132 | 25**1 | | | 07 | 5 |
| 70 | | | | | | | | | | |
| 133 | 247 | 93995 | 132 | 93996 | | | | | 03 | 1 |
| 219 | 576 | 77905 | 447 | 90940 | 425 | 92991 | 354 | 97994 | 03 | 1 |
| | 287 | 98999 | 165 | 94998 | 070 | 97990 | | | 03 | 1 |
| 231 | 662 | 72843 | 614 | 76832 | 475 | 88001 | 236 | 94992 | 03 | 1 |
| | 216 | 97990 | 133 | 95995 | 064 | 98990 | | | 03 | 1 |
| 261 | 516 | 80948 | 475 | 83995 | 445 | 87997 | 250 | 07995 | 03 | 1 |
| | 248 | 04994 | 164 | 96994 | 074 | 00990 | | | 03 | 1 |
| 263 | 271 | 09992 | 240 | 07994 | 101 | 58*** | | | 03 | 1 |
| 273 | 220 | 04994 | 184 | 04994 | 173 | 98999 | 057 | 00996 | 03 | 1 |
| 291 | 425 | 87932 | 259 | 10995 | 239 | 03991 | 218 | 05993 | 03 | 1 |
| | 194 | 97994 | 166 | 01997 | 159 | 98990 | 057 | 00991 | 03 | 1 |
| 316 | 089 | 97996 | 060 | 97990 | 045 | 97995 | 101 | 58*** | 03 | 1 |
| 350 | 250 | 06997 | | | | | | | 03 | 1 |
| 361 | 216 | 05998 | | | | | | | 03 | 1 |
| 381 | 422 | 89990 | 330 | 02996 | 259 | 06990 | 153 | 98999 | 03 | 1 |
| | 132 | 02990 | 105 | 98999 | 072 | 01991 | | | 03 | 1 |
| 72 | | | | | | | | | | |
| 202 | 439 | 76901 | 306 | 88999 | 240 | 01998 | 180 | 09995 | 03 | 1 |
| | 113 | 18990 | 075 | 19994 | 052 | 14990 | 035 | 02995 | 03 | 1 |
| | 030 | 02996 | | | | | | | 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 |
|---|---|---|---|---|---|---|---|---|---|---|
| 208 | 644 | 62674 | 632 | 62691 | 517 | 71885 | 400 | 85992 | 03 | 1 |
| | 372 | 89992 | 233 | 08993 | 227 | 05999 | 172 | 07990 | 03 | 1 |
| | 120 | 12994 | 067 | 10990 | 052 | 12998 | 045 | 08991 | 03 | 1 |
| 211 | 606 | 57736 | 340 | 90990 | 088 | 18995 | 082 | 14993 | 03 | 1 |
| | 070 | 17995 | 056 | 08992 | | | | | 03 | 1 |
| 219 | 230 | 13991 | 207 | 15995 | 135 | 11996 | 077 | 10997 | 03 | 1 |
| | 065 | 12990 | | | | | | | 03 | 1 |
| 240 | 336 | 89998 | 172 | 18990 | 150 | 15992 | 066 | 15998 | 03 | 1 |
| | 038 | 06990 | | | | | | | 03 | 1 |
| 259 | 126 | 17990 | 101 | 58 | | | | | 03 | 1 |
| 265 | 151 | 16999 | 115 | 15991 | | | | | 03 | 1 |
| 270 | 071 | 62 | 362 | 82941 | 330 | 88952 | 264 | 01991 | 03 | 1 |
| 278 | 370 | 82921 | 328 | 89944 | 258 | 03992 | 164 | 11991 | 03 | 1 |
| | 082 | 18998 | 050 | 16992 | 043 | 11994 | | | 03 | 1 |
| 317 | 452 | 77997 | 400 | 83990 | 352 | 89994 | 222 | 09993 | 03 | 1 |
| | 210 | 06998 | 180 | 11990 | 148 | 07993 | 124 | 11992 | 03 | 1 |
| | 112 | 07990 | 088 | 12997 | 075 | 09996 | 062 | 11992 | 03 | 1 |
| | 035 | 08990 | | | | | | | 03 | 1 |
| 327 | 350 | 89018 | 185 | 19995 | 175 | 16990 | 159 | 16992 | 03 | 1 |
| 340 | 253 | 08998 | 196 | 15995 | 163 | 18995 | 143 | 13999 | 03 | 1 |
| | 064 | 11995 | | | | | | | 03 | 1 |
| 353 | 479 | 70851 | 400 | 80922 | 340 | 90010 | 235 | 08997 | 03 | 1 |
| | 181 | 16992 | 046 | 10995 | 037 | 07991 | | | 03 | 1 |
| 365 | 230 | 09993 | 166 | 16999 | 152 | 13997 | 090 | 17997 | 03 | 1 |
| | 084 | 15992 | | | | | | | 03 | 1 |
| 386 | 400 | 77992 | 331 | 89992 | 226 | 07999 | 138 | 17992 | 03 | 1 |
| | 130 | 13995 | 086 | 13994 | 067 | 14990 | | | 03 | 1 |
| 394 | 320 | 90990 | 227 | 08995 | 160 | 16997 | 126 | 12991 | 03 | 1 |
| | 110 | 17997 | 070 | 14998 | | | | | 03 | 1 |
| 405 | 640 | 63992 | 239 | 09993 | 161 | 07996 | 145 | 09997 | 03 | 1 |
| 451 | 400 | 83882 | 332 | 89009 | 148 | 15995 | 131 | 10996 | 03 | 1 |
| | 036 | 07997 | | | | | | | 03 | 1 |
| 476 | 164 | 13996 | 136 | 17998 | 118 | 12998 | 096 | 16994 | 03 | 1 |
| 486 | 128 | 17990 | 043 | 11995 | | | | | 03 | 1 |
| 518 | 152 | 06994 | | | | | | | 03 | 1 |
| 520 | 374 | 89990 | 205 | 16995 | 174 | 09995 | 125 | 07997 | 03 | 1 |
| | 071 | 06997 | 058 | 09995 | | | | | 03 | 1 |
| 528 | 380 | 90990 | 252 | 08993 | | | | | 03 | 1 |
| 534 | 770 | 51592 | 703 | 52702 | 468 | 75873 | 400 | 84926 | 03 | 1 |
| | 375 | 87972 | 350 | 90990 | 193 | 19990 | 165 | 11994 | 03 | 1 |
| 536 | 080 | 08998 | | | | | | | 03 | 1 |
| 553 | 185 | 21990 | 158 | 13999 | 082 | 08994 | 068 | 12998 | 03 | 1 |
| | 064 | 10992 | | | | | | | 03 | 1 |
| 562 | 194 | 18992 | 073 | 08997 | 060 | 12992 | 040 | 06995 | 03 | 1 |
| | 025 | 11995 | 018 | 10997 | | | | | 03 | 1 |
| 597 | 120 | 16995 | 062 | 08999 | 055 | 10994 | | | 03 | 1 |
| 600 | 173 | 04999 | 160 | 04999 | 148 | 06995 | 101 | 47*** | 03 | 1 |
| 606 | 421 | 89983 | 400 | 91993 | 244 | 06995 | 122 | 08992 | 03 | 1 |
| | 111 | 05995 | | | | | | | 03 | 1 |
| 655 | 567 | 63814 | 400 | 83954 | 362 | 89964 | 218 | 11999 | 03 | 1 |
| | 170 | 11997 | 150 | 04999 | 117 | 13994 | 107 | 07995 | 03 | 1 |
| | 025 | 04994 | | | | | | | 03 | 1 |
| 662 | 337 | 90990 | 180 | 21993 | 162 | 13994 | 150 | 16994 | 03 | 1 |
| | 132 | 09992 | 113 | 13996 | 087 | 12993 | 070 | 07995 | 03 | 1 |
| | 064 | 08999 | 047 | 07990 | | | | | 03 | 1 |
| 681 | 604 | 56656 | 550 | 61661 | 400 | 77847 | 323 | 90983 | 03 | 1 |
| | 242 | 05998 | | | | | | | 03 | 1 |
| 712 | 400 | 92996 | 235 | 06991 | 178 | 02999 | 119 | 05995 | 03 | 1 |
| 734 | 195 | 10990 | | | | | | | 04 | 1 |
| 747 | 400 | 86968 | 374 | 90000 | 263 | 07992 | | | 03 | 1 |
| 764 | 589 | 64693 | 528 | 66706 | 355 | 80869 | 343 | 90951 | 03 | 1 |
| | 218 | 14991 | 180 | 15999 | 166 | 10999 | 082 | 06998 | 03 | 1 |
| | 050 | 07999 | | | | | | | 03 | 1 |
| 768 | 350 | 87949 | 224 | 12992 | 213 | 10997 | 182 | 16998 | 03 | 1 |
| | 157 | 13992 | 147 | 08995 | 131 | 12995 | 116 | 06998 | 03 | 1 |
| | 072 | 05998 | 060 | 09993 | 044 | 04995 | 022 | 07999 | 03 | 1 |
| 775 | 205 | 13993 | | | | | | | 03 | 1 |
| 785 | 514 | 71761 | 489 | 70736 | 400 | 82855 | 358 | 89921 | 03 | 1 |
| | 209 | 13992 | 180 | 13992 | 145 | 07992 | 120 | 15992 | 03 | 1 |
| | 106 | 13994 | 072 | 06999 | | | | | 03 | 1 |
| 798 | 108 | 05997 | 104 | 02998 | 088 | 08995 | 072 | 09991 | 03 | 1 |
| 816 | 665 | 76799 | 479 | 90911 | 362 | 01995 | 315 | 05993 | 03 | 1 |
| | 225 | 04990 | 101 | 58 | | | | | 03 | 1 |
| 867 | 380 | 90003 | 264 | 00996 | 172 | 04996 | 154 | 00990 | 03 | 1 |
| | 120 | 03998 | 080 | 04990 | | | | | 03 | 1 |
| 879 | 465 | 77797 | 234 | 07991 | 175 | 04999 | | | 03 | 1 |
| 907 | 486 | 96991 | 475 | 96991 | 295 | 04999 | 268 | 03993 | 03 | 1 |
| | 232 | 03993 | 101 | 58 | | | | | 03 | 1 |
| 909 | 319 | 02994 | 259 | 98999 | 101 | 55*** | | | 03 | 1 |
| 964 | 162 | 00990 | 150 | 01990 | 101 | 58*** | | | 03 | 1 |
| 968 | 486 | 90951 | 422 | 93994 | 332 | 03991 | 120 | 97997 | 03 | 1 |
| 74 | | | | | | | | | | |
| 090 | | | 140 | 05996 | | | | | 03 | 1 |
| 198 | 630 | 69766 | 612 | 69755 | 574 | 72771 | 540 | 74841 | 03 | 1 |
| | 510 | 75845 | 316 | 02995 | 271 | 09990 | 101 | 58*** | 03 | 1 |
| 76 | | | | | | | | | | |
| 458 | 310 | 89992 | 199 | 09994 | 186 | 08992 | 070 | 24992 | 02 | 1 |
| | 040 | 13949 | | | | | | | 02 | 1 |
| 491 | 243 | 02992 | 178 | 08994 | | | | | 02 | 1 |
| 644 | 050 | 10995 | | | | | | | 03 | 6 |
| 679 | 298 | 90942 | | | | | | | 03 | 6 |
| 78 | | | | | | | | | | |
| 016 | 245 | 04990 | 101 | 58 | | | | | 03 | 1 |
| 325 | 304 | 88999 | 242 | 98996 | 228 | 02992 | 222 | 02990 | 03 | 1 |
| | 107 | 24995 | 080 | 24991 | 069 | 18996 | 065 | 19995 | 03 | 1 |
| | 062 | 15994 | 044 | 04996 | | | | | 03 | 1 |
| 355 | 047 | 05996 | 043 | 06990 | 038 | 03996 | | | 03 | 1 |
| 501 | 168 | 11991 | 125 | 25995 | 105 | 25992 | | | 03 | 1 |
| 526 | 336 | 80876 | 324 | 81934 | 268 | 89994 | 167 | 13992 | 03 | 1 |
| | 092 | 25994 | | | | | | | 03 | 1 |
| 91 | | | | | | | | | | |
| 066 | 164 | 14993 | 128 | 16997 | 088 | 26990 | 065 | 23998 | 03 | 1 |
| | 060 | 18994 | 023 | 01996 | | | | | 03 | 1 |
| 115 | 459 | 60999 | 436 | 61993 | 266 | 87996 | 115 | 20997 | 03 | 1 |
| | 087 | 25997 | 067 | 22998 | 060 | 16993 | 101 | 58*** | 03 | 1 |
| 165 | 164 | 12994 | 145 | 12997 | 087 | 28994 | 084 | 27993 | 03 | 1 |
| 182 | 157 | 11999 | | | | | | | 03 | 1 |
| 245 | 476 | 56993 | 389 | 67737 | 364 | 71831 | 389 | 67737 | 03 | 1 |
| | 268 | 88926 | 089 | 36999 | | | | | 03 | 1 |
| 275 | 275 | 87999 | 078 | 30990 | 101 | 58*** | | | 03 | 1 |
| 334 | 217 | 98991 | | | | | | | 03 | 6 |
| 366 | 115 | 34990 | 092 | 26990 | 082 | 24992 | 101 | 47*** | 03 | 1 |
| 700 | 085 | 36997 | 074 | 33990 | 069 | 26997 | 055 | 22990 | 03 | 1 |
| | 041 | 09991 | 022 | 05993 | | | | | 03 | 1 |
| QLL | | OCEAN | STA | | | | | | | |
| 034 | 127 | 17997 | | | | | | | 03 | 1 |
| 037 | 364 | 89972 | 244 | 10991 | 187 | 12997 | 160 | 10998 | 03 | 1 |
| 041 | 406 | 83014 | 366 | 86047 | 264 | 02**1 | 178 | 12**1 | 02 | 5 |
| 044 | 112 | 14993 | 085 | 11991 | 057 | 13999 | 050 | 11991 | 03 | 1 |
| | 101 | 67 | 016 | 15 | | | | | 03 | 1 |
| 053 | 249 | 04996 | 084 | 09992 | 079 | 08993 | | | 03 | 1 |
| 154 | 137 | 00996 | | | | | | | 03 | 1 |
| 223 | 588 | 59 | 567 | 54 | 477 | 62*** | 365 | 73*** | 03 | 1 |
| | 349 | 75 | 319 | 80 | 304 | 81*** | 291 | 82*** | 03 | 1 |
| | 219 | 94 | 197 | 02 | 175 | 04*** | 141 | 10*** | 03 | 1 |
| | 119 | 22 | 084 | 26 | 063 | 18*** | 055 | 12*** | 03 | 1 |
| 235 | 778 | 60 | 753 | 61 | 730 | 61*** | 706 | 62*** | 02 | 1 |
| | 663 | 64 | 643 | 66 | 603 | 69*** | 583 | 70*** | 02 | 1 |
| | 563 | 72 | 543 | 74 | 505 | 75*** | 486 | 76*** | 02 | 1 |
| | 421 | 82 | 330 | 92 | 196 | 97*** | 105 | 03*** | 02 | 1 |
| 236 | 444 | 69866 | | | | | | | 03 | 1 |
| 246 | 142 | 97991 | | | | | | | 03 | 1 |
| 360 | 673 | 64706 | 650 | 65711 | 587 | 72777 | 573 | 72777 | 02 | 5 |
| | 400 | 92973 | 226 | 15 6 | 143 | 11**3 | | | 02 | 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 | 235 | 14990 | 214 | 10995 | 178 | 11990 | 160 | 09990 | 03 | 8 |
| | 118 | 10991 | | | | | | | 03 | 8 |
| 030 | 400 | 92988 | 315 | 05995 | | | | | 03 | 5 |
| 384 | 365 | 98009 | 342 | 00 | 273 | 00000 | 263 | 02*** | 03 | 8 |
| | 222 | 02 | 210 | 05 | 133 | 07*** | | | 03 | 8 |
| 02 | | | | | | | | | | |
| 062 | 293 | 06992 | 265 | 07996 | 254 | 07993 | 241 | 08998 | 03 | 8 |
| | 202 | 08993 | 163 | 06997 | 092 | 11996 | | | 03 | 8 |
| 077 | 424 | 90990 | 369 | 98997 | 280 | 08996 | 171 | 06996 | 03 | 5 |
| 084 | 224 | 04995 | 185 | 03998 | | | | | 03 | 8 |
| 836 | 169 | 12992 | 115 | 14990 | | | | | 03 | 7 |
| 974 | 151 | 08 9 | 108 | 10 7 | | | | | 03 | 2 |
| 03 | | | | | | | | | | |
| 005 | 263 | 33 0 | 238 | 29 0 | 206 | 28**0 | 186 | 34**0 | 02 | 2 |
| | 158 | 32 0 | 142 | 35 0 | 075 | 25**0 | | | 02 | 2 |
| 476 | 241 | 28 0 | 205 | 35 0 | 185 | 35**0 | 141 | 40**0 | 02 | 2 |
| | 126 | 40 0 | | | | | | | 02 | 2 |
| 743 | 532 | 92730 | 294 | 37 0 | 270 | 32**0 | 231 | 28**0 | 02 | 2 |
| | 215 | 27 0 | 176 | 34 0 | 140 | 37**0 | 066 | 28**0 | 02 | 2 |
| 808 | 067 | 27 0 | | | | | | | 02 | 2 |
| 917 | 145 | 35 0 | | | | | | | 02 | 2 |
| 953 | 271 | 32 0 | 255 | 33 0 | 241 | 30**0 | 184 | 38**0 | 03 | 2 |
| | 158 | 38 0 | | | | | | | 03 | 2 |
| 04 | | | | | | | | | | |
| 202 | 696 | 76897 | 644 | 77999 | | | | | 03 | 1 |
| 220 | 440 | 90933 | 409 | 94972 | 401 | 93975 | 240 | 21994 | 03 | 6 |
| | 230 | 19977 | 223 | 20993 | 205 | 11992 | | | 03 | 6 |
| 360 | 206 | 13090 | | | | | | | 03 | 5 |
| 06 | | | | | | | | | | |
| 260 | 696 | 60749 | 605 | 68825 | 581 | 69847 | 523 | 75895 | 02 | 8 |
| | 514 | 75899 | 450 | 83973 | 338 | 99*** | 325 | 01*** | 02 | 8 |
| | 254 | 10 | 248 | 10 | 233 | 12*** | 210 | 12*** | 02 | 8 |
| | 182 | 08 | 148 | 07 | 107 | 09*** | 098 | 08*** | 02 | 8 |
| 447 | 215 | 09 5 | 182 | 08 0 | 177 | 05**0 | 130 | 04**5 | 03 | 8 |
| | 089 | 08 0 | 081 | 06 5 | 071 | 08**2 | | | 03 | 8 |
| 07 | | | | | | | | | | |
| 110 | 581 | 70751 | 534 | 74801 | 472 | 80860 | 366 | 96**1 | 02 | 8 |
| | 302 | 03 7 | 276 | 05 1 | 205 | 05**1 | 165 | 04**4 | 02 | 8 |
| | 123 | 03 4 | | | | | | | 02 | 8 |
| 145 | 650 | 62664 | 620 | 62665 | 442 | 84888 | 425 | 85886 | 02 | 8 |
| | 387 | 92 1 | 346 | 95 0 | 301 | 07**0 | 255 | 12**0 | 02 | 8 |
| | 204 | 07 7 | 157 | 04 7 | 128 | 05**1 | | | 02 | 8 |
| 190 | 724 | 57621 | 622 | 63688 | 522 | 76797 | 475 | 79835 | 02 | 8 |
| | 452 | 83863 | 424 | 90940 | 281 | 04**4 | 243 | 02**7 | 02 | 8 |
| | 217 | 14 1 | 189 | 14 1 | 136 | 08**4 | 109 | 08**7 | 02 | 8 |
| | 102 | 09 4 | 057 | 09 4 | | | | | 02 | 8 |
| 480 | 921 | 88902 | 368 | 96 7 | 273 | 13**0 | 242 | 09**1 | 02 | 8 |
| | 216 | 07 1 | 200 | 07 1 | 153 | 04**1 | 135 | 05**4 | 02 | 8 |
| | 100 | 08 4 | 090 | 08 4 | | | | | 02 | 8 |
| 510 | 535 | 72766 | 414 | 87905 | 352 | 99**4 | 323 | 05**1 | 02 | 5 |
| | 290 | 07 4 | 218 | 02 4 | 130 | 02**4 | 097 | 06**7 | 02 | 5 |
| | 066 | 07 4 | | | | | | | 02 | 5 |
| 645 | 497 | 77786 | 394 | 87890 | 370 | 93**0 | 285 | 02**4 | 02 | 5 |
| | 190 | 01 1 | | | | | | | 02 | 5 |
| 08 | | | | | | | | | | |
| 521 | 314 | 90983 | 208 | 11999 | 174 | 15998 | 146 | 12995 | 14 | 8 |
| 594 | 400 | 70807 | 195 | 04992 | | | | | 14 | 8 |
| 10 | | | | | | | | | | |
| 338 | 104 | 33 0 | | | | | | | 02 | 2 |
| 384 | 604 | 65996 | 556 | 67996 | | | | | 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 |
|---|---|---|---|---|---|---|---|---|---|---|
| 633 | 308 | 06992 | 270 | 13995 | 245 | 13995 | 225 | 09994 | 03 | 5 |
| | 225 | 09994 | | | | | | | 03 | 5 |
| 11 | | | | | | | | | | |
| 030 | 555 | 64726 | 474 | 73841 | 364 | 90951 | 274 | 07997 | 03 | 5 |
| 12 | | | | | | | | | | |
| 840 | 570 | | 443 | 82877 | 321 | 03**3 | 266 | 13163 | 03 | 8 |
| | 233 | 13 | 169 | 06 | 118 | 10*** | 107 | 09*** | 03 | 8 |
| 16 | | | | | | | | | | |
| 716 | 006 | 02194 | 186 | 05997 | | | | | 03 | 1 |
| 17 | | | | | | | | | | |
| 606 | 548 | 03980 | 528 | 93920 | 512 | 92910 | 386 | 69600 | 02 | 2 |
| | 318 | 59 0 | 288 | 52 0 | 264 | 48**0 | 253 | 48**0 | 02 | 2 |
| | 207 | 36 0 | 195 | 36 0 | 189 | 29**0 | 179 | 39**0 | 02 | 2 |
| | 086 | 08 0 | | | | | | | 02 | 2 |
| 21 | | | | | | | | | | |
| 056 | 810 | 58603 | 614 | 71780 | 314 | 00000 | | | 02 | 5 |
| 169 | 428 | 84 | 373 | 91 | | | | | 02 | 5 |
| 22 | | | | | | | | | | |
| 357 | 349 | 96 | 312 | 53 | | | | | 02 | 5 |
| 887 | 280 | 02 | 220 | 12 | | | | | 02 | 5 |
| 909 | 311 | 03 | | | | | | | 02 | 5 |
| 24 | | | | | | | | | | |
| 049 | 429 | 81 | | | | | | | 02 | 5 |
| 170 | 358 | 92 | 259 | 04 | | | | | 02 | 5 |
| 994 | 206 | 13 | | | | | | | 02 | 5 |
| 25 | | | | | | | | | | |
| 054 | 744 | 63 | 573 | 79 | 458 | 92*** | 339 | 05*** | 02 | 5 |
| 058 | 289 | 08 | 256 | 12 | | | | | 02 | 5 |
| 165 | 406 | 06 | 225 | 06 | | | | | 02 | 5 |
| 26 | | | | | | | | | | |
| 090 | 460 | 85 | 394 | 96 | 348 | 04*** | | | 02 | 5 |
| 101 | 510 | 77 | 663 | 95 | | | | | 02 | 5 |
| 118 | 417 | 91992 | 400 | 93 | 344 | 02*** | 294 | 09*** | 02 | 5 |
| | 234 | 65 | | | | | | | 02 | 5 |
| 135 | 699 | 60726 | 678 | 61786 | 668 | 61791 | 662 | 61790 | 02 | 5 |
| | 651 | 61827 | 619 | 64868 | | | | | 02 | 5 |
| 29 | | | | | | | | | | |
| 263 | 180 | 04 | | | | | | | 02 | 5 |
| 269 | 612 | 86865 | | | | | | | 02 | 5 |
| 40 | | | | | | | | | | |
| 427 | 214 | 15 0 | 185 | 27 0 | 161 | 32**0 | 095 | 06**0 | 02 | 2 |
| | 072 | 98 | | | | | | | 02 | 2 |
| 42 | | | | | | | | | | |
| 339 | 226 | 01 | 206 | 06 | | | | | 15 | 1 |
| 909 | 311 | 91 | | | | | | | 14 | 1 |
| 45 | | | | | | | | | | |
| 005 | 068 | 87 0 | | | | | | | 00 | 7 |
| 47 | | | | | | | | | | |
| 401 | 409 | 98996 | 375 | 02995 | 347 | 04994 | 261 | 04991 | 03 | 1 |
| 412 | 345 | 00999 | 290 | 98990 | 265 | 98997 | 241 | 97993 | 03 | 1 |
| | 218 | 95995 | 186 | 93997 | 101 | 55*** | | | 03 | 1 |
| 580 | 090 | 05996 | | | | | | | 03 | 1 |
| 582 | 322 | 96993 | 284 | 97991 | 273 | 94994 | 255 | 94993 | 03 | 1 |
| | 238 | 95990 | 101 | 58 | | | | | 03 | 1 |
| 590 | 360 | 91997 | 335 | 91994 | 255 | 96990 | 241 | 95994 | 03 | 1 |
| | 222 | 98992 | 172 | 00995 | 153 | 00990 | 114 | 01995 | 03 | 1 |
| 600 | 358 | 94995 | 294 | 94995 | 265 | 96995 | 234 | 95995 | 03 | 1 |
| | 219 | 97997 | 185 | 99997 | 101 | 58*** | | | 03 | 1 |
| 635 | 127 | 07993 | 101 | 58 | | | | | 03 | 1 |
| 646 | 292 | 88996 | 184 | 04991 | 161 | 04992 | 133 | 09995 | 03 | 1 |
| 744 | 494 | 76823 | 349 | 89994 | 315 | 95996 | 288 | 94996 | 03 | 1 |
| | 273 | 94996 | 248 | 96996 | 171 | 96996 | 143 | 01998 | 03 | 1 |
| | 125 | 05990 | 103 | 03999 | 092 | 07991 | 087 | 03999 | 03 | 1 |
| | 058 | 02998 | 051 | 05990 | 049 | 01998 | 026 | 96996 | 03 | 1 |
| 778 | 255 | 89990 | 225 | 94991 | 156 | 08993 | 139 | 10993 | 03 | 1 |
| | 123 | 09993 | 109 | 15994 | 094 | 17997 | 097 | 13992 | 03 | 1 |
| | 080 | 13990 | 074 | 11993 | 057 | 09992 | 050 | 07999 | 03 | 1 |
| 808 | 364 | 90990 | 310 | 90990 | 288 | 93990 | 272 | 93990 | 03 | 1 |
| | 260 | 90995 | 162 | 07995 | 154 | 04991 | 098 | 13991 | 03 | 1 |
| | 080 | 09995 | 101 | 55 | | | | | 03 | 1 |
| 827 | 325 | 86993 | 255 | 86996 | 169 | 02990 | 118 | 15995 | 03 | 1 |
| | 096 | 18998 | 092 | 18998 | 080 | 17990 | | | 03 | 1 |
| 931 | 374 | 72991 | 334 | 79996 | 275 | 87990 | 123 | 22994 | 03 | 1 |
| | 065 | 22994 | 055 | 21997 | 006 | 87996 | | | 03 | 1 |
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| 120 | 520 | 65746 | 478 | 68839 | 348 | 86990 | 225 | 03997 | 02 | 6 |
| 155 | 635 | 55692 | 588 | 57706 | 574 | 59701 | 500 | 67784 | 02 | 8 |
| | 475 | 68804 | 394 | 78892 | 352 | 85962 | | | 02 | 8 |
| 390 | 485 | 82831 | 459 | 83849 | 441 | 87886 | 382 | 95**4 | 02 | 5 |
| | 323 | 02 0 | 301 | 01 7 | 252 | 98**1 | 243 | 99**4 | 02 | 5 |
| | 195 | 98 4 | | | | | | | 02 | 5 |
| 625 | 513 | 60799 | 386 | 79943 | 378 | 79943 | 320 | 88037 | 02 | 8 |
| | 225 | 06 0 | 190 | 06 0 | 128 | 18**4 | 109 | 18**4 | 02 | 8 |
| | 096 | 21 7 | 066 | 18 4 | | | | | 02 | 8 |
| 715 | 300 | 97 0 | 232 | 97 0 | 198 | 98**1 | 168 | 98**1 | 14 | 5 |
| | 143 | 01 0 | 127 | 06 1 | 100 | 08**4 | | | 14 | 5 |
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| 026 | 322 | 02995 | 130 | 98995 | | | | | 03 | 1 |
| 133 | 530 | 86915 | 524 | 85914 | 450 | 89967 | 232 | 02995 | 03 | 1 |
| | 226 | 00990 | | | | | | | 03 | 1 |
| 204 | 226 | 00990 | 184 | 97995 | 129 | 95994 | 105 | 98997 | 03 | 1 |
| | 060 | 96992 | | | | | | | 03 | 1 |
| 219 | 101 | 68 | 094 | 62 | | | | | 03 | 1 |
| 231 | 444 | 87995 | 267 | 05999 | 060 | 98995 | | | 03 | 1 |
| 261 | 655 | 69744 | 565 | 76823 | 444 | 90942 | 328 | 04999 | 03 | 1 |
| 273 | 587 | 72765 | 426 | 90922 | 326 | 01997 | 253 | 04995 | 03 | 1 |
| | 210 | 01996 | 066 | 98999 | | | | | 03 | 1 |
| 291 | 611 | 70866 | 440 | 89944 | 287 | 10994 | 181 | 03990 | 03 | 1 |
| | 171 | 98993 | 130 | 02998 | 042 | 03992 | | | 03 | 1 |
| 316 | 156 | 95999 | 143 | 97997 | 132 | 96994 | 108 | 94996 | 03 | 1 |
| | 101 | 96990 | 080 | 94995 | 070 | 95993 | 062 | 94993 | 03 | 1 |
| 398 | 085 | 05998 | | | | | | | 03 | 1 |
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| 202 | 085 | 23993 | 052 | 17991 | 040 | 08995 | | | 03 | 1 |
| 208 | 352 | 89999 | 216 | 12992 | 170 | 08999 | 160 | 12995 | 03 | 1 |
| | 125 | 10999 | 043 | 08995 | | | | | 03 | 1 |
| 211 | 055 | 17991 | 044 | 11995 | | | | | 03 | 1 |
| 219 | 344 | 89998 | 213 | 12998 | 119 | 12994 | 098 | 16995 | 03 | 1 |
| | 081 | 12992 | 065 | 13993 | 050 | 09997 | | | 03 | 1 |
| 232 | 326 | 89996 | 094 | 20993 | 070 | 15992 | | | 03 | 1 |
| 240 | 094 | 19997 | 088 | 18998 | | | | | 03 | 1 |
| 250 | 220 | 06993 | 157 | 12990 | 140 | 10992 | 080 | 21990 | 03 | 1 |
| | 075 | 19995 | | | | | | | 03 | 1 |
| 253 | 323 | 89007 | 234 | 06998 | 164 | 11998 | | | 03 | 1 |
| 265 | 236 | 08990 | 217 | 10998 | 182 | 11995 | 101 | 67*** | 03 | 1 |
| | 031 | 24 | | | | | | | 03 | 1 |
| 270 | 223 | 06995 | | | | | | | 03 | 1 |
| 278 | 150 | 14990 | | | | | | | 03 | 1 |
| 304 | 210 | 13994 | 070 | 11994 | | | | | 03 | 1 |
| 317 | 346 | 90990 | 203 | 16995 | 090 | 11999 | 044 | 08995 | 03 | 1 |
| 327 | 380 | 83961 | 340 | 89995 | 150 | 15994 | 144 | 12995 | 03 | 1 |
| 353 | 192 | 13990 | 143 | 19990 | 131 | 13990 | 060 | 13997 | 03 | 1 |
| | 030 | 06996 | | | | | | | 03 | 1 |
| 365 | 116 | 19999 | 086 | 17993 | 058 | 12998 | | | 03 | 1 |
| 386 | 092 | 17990 | 084 | 20999 | 060 | 14991 | 034 | 10993 | 03 | 1 |
| 394 | 185 | 10999 | | | | | | | 03 | 1 |
| 445 | 400 | 83891 | 360 | 90942 | 240 | 10994 | 187 | 13997 | 03 | 1 |
| | 121 | 10994 | 094 | 12999 | | | | | 03 | 1 |
| 476 | 324 | 90990 | 122 | 16993 | 040 | 07995 | | | 03 | 1 |
| 486 | 117 | 16994 | 045 | 10992 | | | | | 03 | 1 |
| 506 | 363 | 90932 | 257 | 08990 | 197 | 13993 | 143 | 06992 | 03 | 1 |
| | 083 | 07999 | 051 | 08990 | 045 | 10996 | | | 03 | 1 |
| 518 | 083 | 07994 | | | | | | | 03 | 1 |
| 520 | 424 | 81951 | 400 | 84968 | 365 | 89004 | 242 | 08998 | 03 | 1 |
| | 226 | 07992 | 197 | 12990 | 172 | 08997 | 130 | 10999 | 03 | 1 |
| | 124 | 06992 | 096 | 09999 | | | | | 03 | 1 |
| 528 | 400 | 85914 | 375 | 89951 | 269 | 06999 | 212 | 11990 | 03 | 1 |
| | 182 | 07995 | | | | | | | 03 | 1 |
| 534 | 313 | 97998 | | | | | | | 03 | 1 |
| 536 | 400 | 84897 | 363 | 90933 | 329 | 95995 | | | 03 | 1 |
| 553 | 112 | 11992 | | | | | | | 03 | 1 |
| 562 | 260 | 07997 | 245 | 07997 | 173 | 21995 | 166 | 13999 | 03 | 1 |
| | 026 | 07990 | | | | | | | 03 | 1 |
| 576 | 184 | 19998 | 172 | 15996 | 148 | 16997 | 142 | 12998 | 03 | 1 |
| | 116 | 17998 | 092 | 12993 | 080 | 08991 | 074 | 12993 | 03 | 1 |
| | 050 | 11990 | | | | | | | 03 | 1 |
| 597 | 652 | 01715 | 615 | 52674 | 460 | 68855 | 325 | 89990 | 04 | 1 |
| | 165 | 21994 | 156 | 20990 | 145 | 12995 | 075 | 14993 | 04 | 1 |
| 606 | 603 | 65688 | 400 | 85887 | 369 | 89916 | 250 | 09991 | 03 | 1 |
| | 186 | 09996 | 137 | 04998 | 095 | 09992 | 080 | 05998 | 03 | 1 |
| 655 | 400 | 89007 | 350 | 97993 | 164 | 01999 | 150 | 05990 | 03 | 1 |
| | 145 | 01991 | 081 | 08995 | 071 | 04997 | | | 03 | 1 |
| 681 | 536 | 60774 | 400 | 76897 | 328 | 89004 | 244 | 05995 | 03 | 1 |
| 712 | 650 | 66693 | 450 | 84891 | 442 | 84941 | 400 | 88001 | 03 | 1 |
| | 237 | 10994 | 087 | 06999 | | | | | 03 | 1 |
| 734 | 332 | 00990 | 156 | 03992 | 123 | 01992 | 095 | 05998 | 04 | 1 |
| | 073 | 05990 | | | | | | | 04 | 1 |
| 747 | 345 | 95996 | | | | | | | 03 | 1 |
| 764 | 242 | 10999 | 178 | 04993 | 060 | 07994 | | | 03 | 1 |
| 768 | 588 | 66761 | 550 | 67726 | 400 | 82859 | 361 | 89922 | 03 | 1 |
| | 218 | 13999 | 184 | 12994 | 168 | 06999 | 141 | 09990 | 03 | 1 |
| | 125 | 05995 | 085 | 06995 | 076 | 09992 | 070 | 06991 | 03 | 1 |
| | 057 | 08990 | | | | | | | 03 | 1 |
| 785 | 400 | 80831 | 333 | 89928 | 193 | 18993 | 175 | 17993 | 03 | 1 |
| | 150 | 09991 | 086 | 13992 | 081 | 08999 | 050 | 10990 | 03 | 1 |
| 815 | 236 | 10998 | 197 | 08995 | 175 | 10998 | 101 | 55*** | 03 | 1 |
| 816 | 280 | 08998 | 170 | 06996 | 101 | 47*** | | | 03 | 1 |
| 826 | 149 | 03998 | 101 | 58 | | | | | 03 | 1 |
| 907 | 625 | 79832 | 602 | 78822 | 436 | 89939 | 273 | 10996 | 03 | 1 |
| | 240 | 08994 | 232 | 08998 | 221 | 06990 | 215 | 06994 | 03 | 1 |
| | 135 | 02994 | 088 | 03999 | 101 | 58*** | | | 03 | 1 |
| 909 | 600 | 84884 | 553 | 89923 | 520 | 89*** | 150 | 59094 | 03 | 1 |
| | 241 | 89995 | | | | | | | 03 | 1 |
| 913 | 371 | 00996 | 309 | 98990 | | | | | 03 | 1 |
| 917 | 250 | 04997 | 222 | 00990 | 120 | 09991 | | | 03 | 1 |
| 924 | 078 | 11996 | | | | | | | 03 | 1 |
| 934 | 621 | 80844 | 595 | 80852 | 546 | 84931 | 531 | 84960 | 03 | 1 |
| | 518 | 84985 | 480 | 89994 | 470 | 89990 | 270 | 13991 | 03 | 1 |
| | 216 | 03995 | 186 | 05992 | 165 | 02995 | 130 | 04997 | 03 | 1 |
| 938 | 264 | 02994 | | | | | | | 03 | 6 |
| 945 | 249 | 07991 | 146 | 01996 | | | | | 03 | 1 |
| 74 | | | | | | | | | | |
| 072 | 289 | 12990 | 248 | 04990 | 162 | 00990 | 132 | 01991 | 03 | 6 |
| 082 | 072 | 20992 | 101 | 58 | | | | | 03 | 1 |
| 090 | 728 | 81853 | 603 | 88988 | 538 | 94990 | 076 | 18990 | 03 | 1 |
| 198 | 515 | 76841 | 503 | 74479 | 376 | 90951 | 350 | 94998 | 03 | 1 |
| 76 | | | | | | | | | | |
| 458 | 307 | 89999 | 147 | 11999 | 120 | 15990 | | | 02 | 1 |
| 491 | 160 | 11992 | | | | | | | 02 | |
| 644 | 171 | 13998 | 119 | 23990 | | | | | 03 | 6 |
| 679 | 368 | 80835 | | | | | | | 03 | 6 |
| 78 | | | | | | | | | | |
| 325 | 573 | 53999 | 285 | 90983 | 175 | 13995 | 163 | 12999 | 03 | 1 |
| | 114 | 23995 | 067 | 21990 | | | | | 03 | 1 |

| 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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| | 050 | 11991 | | | | | | | 03 | 1 |
| 501 | 633 | 00998 | 592 | 00694 | 574 | 50667 | 544 | 55655 | 03 | 1 |
| | 508 | 57741 | 358 | 73995 | 285 | 88993 | 163 | 15996 | 03 | 1 |
| | 146 | 14995 | 118 | 23997 | 085 | 27994 | 068 | 27994 | 03 | 1 |
| | 053 | 17995 | | | | | | | 03 | 1 |
| 526 | 150 | 13998 | 114 | 25995 | 082 | 28996 | 056 | 17996 | 03 | 1 |
| 91 | | | | | | | | | | |
| 066 | 060 | 21999 | | | | | | | 03 | 1 |
| 115 | 373 | 87992 | 120 | 22994 | 101 | 68*** | | 90*** | 04 | 1 |
| 182 | 135 | 17791 | | | | | | | 03 | 1 |
| 218 | 260 | 82876 | 132 | 17999 | 092 | 29996 | 075 | 25991 | 03 | 1 |
| | 040 | 97990 | 027 | 88998 | 101 | 58*** | | | 03 | 1 |
| 285 | 163 | 14998 | | | 120 | 24990 | 115 | 25991 | 03 | 1 |
| 366 | 140 | 18991 | 101 | 58 | | | | | 03 | 1 |
| 700 | 268 | 88990 | 081 | 35999 | 071 | 35998 | 056 | 17999 | 03 | 1 |
| | 039 | 08999 | 017 | 02992 | 013 | 05991 | | | 03 | 1 |
| 98 | | | | | | | | | | |
| 645 | 147 | 21999 | 103 | 34990 | 078 | 29990 | 054 | 11995 | 03 | |
| | 040 | 09992 | | | | | | | 03 | |
| 836 | 106 | 32990 | 055 | 10990 | | | | | 03 | |
| QLL | | OCEAN | STA | | | | | | | |
| 034 | 332 | 88998 | 198 | 13995 | 101 | 68*** | 051 | 44*** | 03 | 1 |
| | 101 | 68 | 037 | 33 | | | | | 03 | 1 |
| 037 | 572 | 64792 | 365 | 89975 | 216 | 13994 | 181 | 09997 | 03 | 1 |
| | 066 | 11993 | | | | | | | 03 | 1 |
| 041 | 366 | 90033 | 312 | 08 7 | 249 | 04**1 | 188 | 06**0 | 02 | 5 |
| | 062 | 12 0 | | | | | | | 02 | 5 |
| 052 | 146 | 34 0 | 135 | 40 0 | 095 | 28**0 | | | 02 | 2 |
| 053 | 222 | 08991 | 190 | 02995 | 085 | 08994 | | | 03 | 1 |
| 062 | 161 | 34 0 | 033 | 18 0 | | | | | 02 | 2 |
| 124 | 155 | 11994 | | | | | | | 03 | 1 |
| 154 | 243 | 08997 | 063 | 03997 | | | | | 03 | 1 |
| 223 | 369 | 72 | 327 | 78 | 275 | 84*** | 243 | 86*** | 03 | 1 |
| | 220 | 93 | 181 | 02 | 146 | 13*** | 132 | 14*** | 03 | 1 |
| | 118 | 18 | 096 | 20 | 089 | 20*** | 066 | 16*** | 03 | 1 |
| | 059 | 13 | | | | | | | 03 | 1 |
| 360 | 488 | 80816 | 400 | 92933 | 368 | 97**2 | 284 | 09**6 | 02 | 5 |
| | 241 | 12 9 | 218 | 12 2 | 181 | 07**6 | 115 | 10**4 | 02 | 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 | 548 | 75773 | 400 | 90938 | 256 | 12998 | 208 | 07996 | 03 | 8 |
| | 133 | 11994 | | | | | | | 03 | 8 |
| 02 | | | | | | | | | | |
| 062 | 240 | 07992 | 188 | 04998 | 179 | 05997 | 168 | 05992 | 03 | 8 |
| | 117 | 08993 | | | | | | | 03 | 8 |
| 084 | 439 | 84871 | 379 | 90933 | 330 | 96999 | 315 | 97994 | 03 | 8 |
| | 276 | 02994 | 241 | 02994 | | | | | 03 | 8 |
| 836 | 161 | 04996 | 134 | 09996 | 100 | 11922 | | | 03 | 8 |
| 974 | 099 | 11 0 | | | | | | | 03 | 2 |
| 03 | | | | | | | | | | |
| 005 | 240 | 28 0 | 226 | 30 0 | 196 | 30**0 | 188 | 35**0 | 02 | 2 |
| | 160 | 35 0 | 138 | 31 0 | | | | | 02 | 2 |
| 808 | 197 | 36 0 | 082 | 29 0 | | | | | 03 | 2 |
| 917 | 135 | 35 0 | 095 | 32 0 | | | | | 03 | 2 |
| 953 | 230 | 34 0 | 195 | 34 0 | | | | | 03 | 2 |
| 04 | | | | | | | | | | |
| 202 | 654 | 74995 | 565 | 79999 | 101 | 68*** | 002 | 56*** | 03 | 1 |
| 06 | | | | | | | | | | |
| 260 | 520 | 75843 | 373 | 97 | 260 | 11*** | 240 | 12*** | 02 | 8 |
| | 228 | 13 | 176 | 06 | 148 | 05*** | 055 | 08*** | 02 | 8 |
| 447 | 141 | 01 3 | 092 | 04 5 | | | | | 03 | 8 |
| 07 | | | | | | | | | | |
| 110 | 562 | 79836 | 358 | 97 1 | 318 | 02**7 | 275 | 05**7 | 02 | 8 |
| | 249 | 06 0 | | | | | | | 02 | 8 |
| 145 | 500 | 74802 | 417 | 87911 | 354 | 92**4 | 296 | 06**7 | 02 | 8 |
| | 296 | 06 7 | 273 | 09 4 | 166 | 02**7 | | | 02 | 8 |
| 190 | 690 | 62622 | 636 | 64651 | 590 | 68699 | 515 | 74761 | 02 | 8 |
| | 469 | 79821 | 434 | 85882 | 391 | 91958 | 339 | | 02 | 8 |
| | 321 | 02 4 | 265 | 07 1 | 217 | 07**1 | 153 | 05**0 | 02 | 8 |
| | 098 | 05 0 | | | | | | | 02 | 8 |
| 480 | 328 | 01 1 | 271 | 09 0 | 216 | 05**0 | 152 | 05**0 | 02 | 8 |
| 510 | 635 | 66677 | 564 | 74781 | 533 | 73793 | 416 | 88925 | 02 | 5 |
| | 400 | 99 0 | 331 | 98 4 | 297 | 06**4 | 230 | 07**7 | 02 | 5 |
| | 213 | 05 4 | 156 | 01 1 | | | | | 02 | 5 |
| 645 | 450 | 85874 | 383 | 93 0 | 352 | 98**1 | 300 | 04**7 | 02 | 5 |
| | 231 | 04 7 | 189 | 02 0 | 148 | 01**1 | 125 | 04**4 | 02 | 5 |
| | 105 | 04 4 | 088 | 05 7 | 059 | 06**4 | | | 02 | 5 |
| 08 | | | | | | | | | | |
| 521 | 256 | 06993 | 175 | 12992 | 165 | 14999 | 148 | 14999 | 14 | 8 |
| | 133 | 11999 | | | | | | | 14 | 8 |
| 594 | 330 | 78994 | 213 | 00996 | 178 | 07991 | 172 | 06999 | 14 | 8 |
| 10 | | | | | | | | | | |
| 633 | 270 | 11992 | 223 | 11996 | 088 | 06996 | | | 03 | 5 |
| 866 | 147 | 05998 | 124 | 06996 | | | | | 03 | 5 |
| 11 | | | | | | | | | | |
| 030 | 229 | 13998 | | | | | | | 03 | 5 |
| 21 | | | | | | | | | | |
| 169 | 410 | 83 | 314 | 96 | 255 | 04*** | 241 | 04*** | 02 | 5 |
| 422 | 494 | 68708 | 408 | 79847 | | | | | 02 | 5 |
| 802 | 442 | 88 | 338 | 97 | | | | | 01 | 5 |
| 818 | 302 | 01 | | | | | | | 02 | 5 |
| 875 | 392 | 90 | | | | | | | 02 | 5 |
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| 357 | 536 | 72 | 467 | 78 | 360 | 93*** | | | 02 | 5 |
| 23 | | | | | | | | | | |
| 625 | 542 | 64674 | | | | | | | 01 | 5 |
| 957 | 134 | 11 | 095 | 11 | | | | | 01 | 5 |
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| 000 | 470 | 79851 | 400 | 88 | 378 | 92*** | 268 | 08*** | 02 | 5 |
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| 087 | 540 | 73761 | 510 | 78 | 436 | 80*** | 390 | 94*** | 01 | 5 |
| 580 | 311 | 02 7 | 290 | 04 | 265 | 08*** | | | 02 | 5 |
| 630 | 233 | 10 | 192 | 10 | 164 | 07*** | | | 02 | 5 |
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| 213 | 713 | 82 3 | 690 | 82 7 | 665 | 86**1 | | | 03 | 5 |
| 29 | | | | | | | | | | |
| 269 | 750 | 74755 | 725 | 75799 | | | | | 02 | 5 |
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| 648 | 479 | 96690 | 455 | 64670 | 355 | 64430 | 319 | 68420 | 02 | 2 |
| | 290 | 52 0 | 210 | 31 0 | 197 | 28**0 | 157 | 25**0 | 02 | 2 |
| | 123 | 24 0 | 008 | 09 0 | 055 | 16**0 | | | 02 | 2 |
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| 339 | 325 | 87 | 245 | 99 | | | | | 15 | 1 |
| 47 | | | | | | | | | | |
| 208 | 434 | 90932 | 374 | 96999 | 345 | | 284 | 04993 | 09 | 1 |
| | 206 | 08994 | 101 | 58 | | | | | 09 | 1 |
| 412 | 133 | 00994 | 118 | 01996 | 095 | 02998 | 101 | 58*** | 03 | 1 |
| 582 | 276 | 03990 | 101 | 65 | 050 | 30*** | | | 03 | 1 |
| 590 | 207 | 11990 | 165 | 01994 | 090 | 03990 | 075 | 01994 | 03 | 1 |
| | 060 | 05990 | | | | | | | 03 | 1 |
| 600 | 383 | 92999 | 267 | 04997 | 255 | 03997 | 224 | 02997 | 03 | 1 |
| | 193 | 03997 | 125 | 00998 | 101 | 58*** | | | 03 | 1 |
| 646 | 290 | 01993 | 258 | 00990 | 239 | 01996 | 223 | 98998 | 03 | 1 |
| | 169 | 00993 | 144 | 04990 | 139 | 03995 | 115 | 05998 | 03 | 1 |
| 744 | 332 | 93998 | 319 | 93998 | 243 | 01990 | 195 | 98990 | 03 | 1 |
| | 179 | 00990 | 122 | 98999 | 115 | 03993 | 096 | 03993 | 03 | 1 |
| | 069 | 98999 | 064 | 96999 | 055 | 01390 | 050 | 01990 | 03 | 1 |
| 778 | 143 | 00990 | 119 | 07996 | 080 | 04996 | 060 | 04994 | 03 | 1 |
| | 038 | 05996 | | | | | | | 03 | 1 |
| 827 | 089 | 19995 | 067 | 15995 | | | | | 03 | 1 |
| 931 | 269 | 88998 | 120 | 21996 | 011 | 80990 | 101 | 58*** | 03 | 1 |
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| 155 | 600 | 66825 | 550 | 65863 | 472 | 75925 | 366 | 87048 | 02 | 8 |
| | 354 | 90 7 | 250 | 03 1 | 233 | 03**1 | | | 02 | 8 |
| 390 | 580 | 66715 | 556 | 70751 | 426 | 81879 | 393 | 86921 | 02 | 5 |
| | 348 | 89954 | 318 | 88944 | 266 | 95**4 | 217 | 96**7 | 02 | 5 |
| | 181 | 02 4 | | | | | | | 02 | 5 |
| 625 | 420 | 71882 | 398 | 77941 | 373 | 78943 | 294 | 87031 | 02 | 8 |
| 715 | 265 | 00 1 | 239 | 00 4 | 212 | 97**4 | 160 | 04**4 | 14 | 5 |
| 61 | | | | | | | | | | |
| 642 | 366 | 73744 | 280 | 89891 | 197 | 08**0 | 167 | 14**7 | 07 | 5 |
| | 162 | 13 4 | 126 | 22 7 | 108 | 26**1 | | | 07 | 5 |
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| 026 | 436 | 89989 | | | | | | | 03 | 1 |
| 133 | 489 | 79836 | 474 | 79833 | 245 | 07993 | 212 | 02998 | 03 | 1 |
| | 193 | 06991 | 175 | 01994 | | | | | 03 | 1 |
| 204 | 142 | 01993 | 106 | 97999 | 093 | 00992 | | | 03 | 1 |
| 231 | 235 | 01992 | 206 | 04993 | 132 | 00990 | 058 | 98992 | 03 | 1 |
| | 050 | 00990 | | | | | | | 03 | 1 |
| 261 | 223 | 12992 | 191 | 05999 | | | | | 03 | 1 |
| 263 | 599 | 66990 | 558 | 69815 | 462 | 80836 | | | 03 | 1 |
| 273 | 530 | 74907 | 414 | 89998 | 280 | 10990 | 255 | 07996 | 03 | 1 |
| | 156 | 02997 | 090 | 04991 | 081 | 01996 | | | 03 | 1 |
| 291 | 585 | 69841 | 531 | 71835 | 389 | 87937 | 233 | 11998 | 03 | 1 |
| | 179 | 03996 | 059 | 00992 | 043 | 02994 | | | 03 | 1 |
| 316 | 270 | 94995 | 245 | 95992 | 220 | 93999 | 137 | 17993 | 03 | 1 |
| | 126 | 95999 | 115 | 97998 | 087 | 00990 | 074 | 96996 | 03 | 1 |
| | 058 | 98999 | 046 | 9 993 | 101 | 58*** | | | 03 | 1 |
| 381 | 356 | 89955 | 240 | 11992 | 117 | 02992 | | | 03 | 1 |
| 398 | 370 | 88939 | 237 | 12994 | 210 | 15990 | 155 | 08995 | 03 | 1 |
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| 202 | 323 | 89922 | 218 | 07997 | 164 | 11995 | 075 | 24994 | 03 | 1 |
| 208 | 442 | 76834 | 400 | 82915 | 356 | 89013 | 212 | 11995 | 03 | 1 |
| | 164 | 12990 | 159 | 08999 | 089 | 15997 | 085 | 14999 | 03 | 1 |
| 211 | 400 | 78931 | 328 | 90990 | 186 | 10992 | 175 | 07992 | 03 | 1 |
| | 095 | 21999 | 084 | 17995 | 073 | 20995 | 058 | 16995 | 03 | 1 |
| | 050 | 09991 | 030 | 04992 | | | | | 03 | 1 |
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| | 187 | 16997 | 175 | 10996 | 159 | 09992 | 090 | 13991 | 03 | 1 |
| 232 | 330 | 88994 | 234 | 06997 | 128 | 12998 | 093 | 20996 | 03 | 1 |
| | 058 | 16993 | | | | | | | 03 | 1 |
| 240 | 182 | 14993 | 160 | 10997 | 135 | 15998 | 077 | 17993 | 03 | 1 |
| | 067 | 16999 | 028 | 05997 | | | | | 03 | 1 |
| 250 | 088 | 17997 | | | | | | | 03 | 1 |
| 253 | 335 | 89006 | 268 | 01997 | 185 | 12990 | | | 03 | 1 |
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| 278 | 190 | 11998 | | | | | | | 03 | 1 |

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| | 165 | 02994 | 119 | 09994 | 064 | 11991 | 060 | 08997 | 03 | 1 |
| 327 | 732 | 54713 | 661 | 57762 | 620 | 61709 | 526 | 65829 | 03 | 1 |
| | 400 | 83990 | 360 | 89995 | 243 | 11992 | 184 | 13995 | 03 | 1 |
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| | 120 | 08992 | 080 | 10995 | | | | | 03 | 1 |
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| | 094 | 16996 | 067 | 11995 | 058 | 13994 | 044 | 10996 | 03 | 1 |
| 506 | 386 | 88007 | 273 | 07996 | 240 | 05996 | 230 | 01999 | 03 | 1 |
| | 145 | 05991 | 112 | 02995 | 075 | 08990 | 060 | 07991 | 03 | 1 |
| 520 | 320 | 01995 | 282 | 02993 | 231 | 98995 | 163 | 06990 | 03 | 1 |
| | 124 | 04995 | 111 | 97993 | 072 | 09994 | 067 | 08999 | 03 | 1 |
| 528 | 270 | 98999 | 245 | 98996 | | | | | 03 | 1 |
| 536 | 564 | 73993 | 253 | 92995 | 289 | 05991 | 173 | 02994 | 03 | 1 |
| 553 | 400 | 80855 | 344 | 90943 | 184 | 19998 | 117 | 08997 | 03 | 1 |
| | 058 | 09994 | | | | | | | 03 | 1 |
| 562 | 158 | 17998 | 123 | 91999 | 103 | 14999 | 097 | 10996 | 03 | 1 |
| | 078 | 12998 | | | | | | | 03 | 1 |
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| 597 | 340 | 90963 | 208 | 13991 | 188 | 10993 | 165 | 13995 | 03 | 1 |
| | 109 | 10993 | | | | | | | 03 | 1 |
| 600 | 363 | 89979 | 278 | 05998 | 213 | 12999 | 184 | 04993 | 03 | 1 |
| | 155 | 06990 | 101 | 58 | | | | | 03 | 1 |
| 606 | 259 | 02990 | 220 | 98999 | 163 | 04996 | 132 | 98999 | 03 | 1 |
| | 115 | 02992 | | | | | | | 03 | 1 |
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| | 060 | 08990 | | | | | | | 03 | 1 |
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| | 220 | 08991 | | | | | | | 03 | 1 |
| 734 | 173 | 95990 | | | | | | | 03 | 1 |
| 747 | 226 | 07994 | | | | | | | 03 | 1 |
| 764 | 187 | 14994 | 156 | 09996 | 053 | 07993 | | | 03 | 1 |
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| 785 | 172 | 11990 | 164 | 06993 | 091 | 12990 | 083 | 07993 | 03 | 1 |
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| 867 | 121 | 02992 | | | | | | | 03 | 1 |
| 906 | 292 | 07990 | 267 | 08992 | | | | | 03 | 1 |
| 913 | 437 | 95996 | 330 | 04990 | 294 | 02991 | | | 03 | 1 |
| 915 | 302 | 09994 | 272 | 06996 | | | | | 03 | 1 |
| 917 | 069 | 16991 | | | | | | | 03 | 1 |
| 924 | 075 | 11994 | | | | | | | 03 | 1 |
| 934 | 548 | 76847 | 436 | 88929 | 283 | 08992 | 275 | 05995 | 03 | 1 |
| | 218 | 98999 | 162 | 00990 | 101 | 58*** | | | 03 | 1 |
| 938 | 589 | 80862 | 477 | 89957 | 282 | 06998 | 171 | 00995 | 03 | 6 |
| 968 | 551 | 03994 | 166 | 00996 | 101 | 67*** | 073 | 62*** | 03 | 1 |
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| 090 | 640 | 72751 | 456 | 90974 | | | 280 | 11990 | 03 | 1 |
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| 198 | 195 | 08996 | 143 | 08995 | 101 | 58*** | | | 04 | 2 |
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| | 051 | 12998 | | | | | | | 03 | 1 |
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| | 074 | 27997 | 044 | 12992 | 037 | 03997 | 032 | 06990 | 03 | 1 |
| 806 | 558 | 52555 | 433 | 64686 | 354 | 75878 | 270 | 88925 | 04 | 1 |
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| 115 | 101 | 68 | 072 | 26 | 101 | 58*** | | | 09 | 1 |
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| | 432 | 67805 | 240 | 97992 | 185 | 04992 | | | 03 | 1 |
| 250 | 101 | 68 | 058 | 50 | 101 | 58*** | | | 09 | 1 |
| 275 | 266 | 90990 | 132 | 20995 | 090 | 27990 | 101 | 58*** | 03 | 1 |
| 285 | 415 | 70999 | 409 | 70990 | 279 | 88993 | 248 | 95993 | 03 | 1 |
| | 139 | 16998 | 114 | 21991 | | | | | 03 | 1 |
| 700 | 464 | 57722 | | | | | | | 03 | 1 |
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| QLL | | OCEAN | STA | | | | | | | |
| 034 | 101 | 67 | 075 | 43 | 101 | 58*** | | | 03 | 1 |
| 044 | 692 | 52582 | 680 | 52655 | 668 | 53598 | 615 | 58624 | 03 | 1 |
| | 615 | 58624 | 603 | 58799 | 550 | 63678 | | | 03 | 1 |
| | 101 | 68 | 000 | 90 | | | | | 03 | 1 |
| 053 | 174 | 14995 | 164 | 10990 | 076 | 10998 | | | 03 | 1 |
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| | 160 | 04995 | 141 | 05996 | | | | | 03 | 1 |
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| | 186 | 29 0 | 138 | 28 0 | 084 | 25**0 | 075 | 21**0 | 02 | 2 |
| | 058 | 22 0 | | | | | | | 02 | 2 |
| 154 | 254 | 05992 | | | | | | | 05 | 1 |
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| | 355 | 78 | 327 | 80 | 277 | 84*** | 250 | 87*** | 03 | 1 |
| 235 | 816 | 57 | 765 | 61 | 741 | 62*** | 717 | 64*** | 02 | 1 |
| | 695 | 65 | 594 | 73 | 538 | 79*** | 502 | 82*** | 02 | 1 |
| | 451 | 89 | 418 | 90 | 370 | 94*** | 270 | 96*** | 02 | 1 |
| | 222 | 97 | 182 | 98 | 135 | 04*** | 106 | 04*** | 02 | 1 |

## Dec 26 1950

| Index No. III | PPP | TTTTT ddx | PPP | TTTTT ddx | PPP | TTTTT ddx | PPP | TTTTT ddx | Hour GG | Code Type |
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| 384 | 286 | 06 | 252 | 06 | 233 | 05*** | 220 | 06*** | 03 | 5 |
| | 213 | 05 | 160 | 05 | 123 | 08*** | | | 03 | 5 |
| 02 | | | | | | | | | | |
| 062 | 267 | 08999 | 258 | 08999 | 241 | 06999 | 230 | 06998 | 03 | 8 |
| | 199 | 02996 | 112 | 05996 | 097 | 07998 | | | 03 | 8 |
| 077 | 283 | 01999 | 153 | 04999 | | | | | 03 | 5 |
| 084 | 358 | 00998 | 285 | 04990 | 262 | 04995 | 250 | 06998 | 03 | 8 |
| | 228 | 05998 | 207 | 03998 | 177 | 02999 | | | 03 | 8 |
| 836 | 182 | 04995 | | | | | | | 03 | 8 |
| 974 | 099 | 07 9 | | | | | | | 03 | 2 |
| 03 | | | | | | | | | | |
| 005 | 196 | 29 0 | 160 | 29 0 | 140 | 29**0 | 067 | 21**0 | 02 | 2 |
| 476 | 235 | 27 0 | 195 | 36 0 | 180 | 34**0 | 165 | 37**0 | 02 | 2 |
| | 114 | 35 0 | | | | | | | 02 | 2 |
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| 953 | 354 | 51 0 | 245 | 27 0 | 203 | 29**0 | | | 03 | 2 |
| 04 | | | | | | | | | | |
| 270 | 252 | 09996 | 101 | 55 | | | | | 03 | 1 |
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| 06 | | | | | | | | | | |
| 011 | 078 | 10 3 | | | | | | | 03 | 8 |
| 180 | 174 | 05 0 | 110 | 09 5 | 084 | 09**4 | | | 03 | 5 |
| 260 | 388 | 90980 | | | | | | | 02 | 8 |
| 447 | 246 | 16 0 | 180 | 05 8 | 144 | 05**3 | 116 | 08**1 | 03 | 8 |
| | 085 | 07 0 | | | | | | | 03 | 8 |
| 07 | | | | | | | | | | |
| 110 | 660 | 68701 | 635 | 70724 | 586 | 70736 | 500 | 79997 | 02 | 8 |
| | 410 | 89991 | 235 | 11 0 | 162 | 11**0 | 061 | 01**7 | 02 | 8 |
| 145 | 520 | 71741 | 484 | 74781 | 450 | 82833 | 301 | 05**4 | 02 | 8 |
| | 270 | 09 4 | 255 | 10 1 | 187 | 04**4 | 124 | 04**4 | 02 | 8 |
| 190 | 553 | 70705 | 522 | 74741 | 479 | 77776 | 423 | 85867 | 02 | 8 |
| | 394 | 89896 | 334 | 01 7 | 264 | 10**1 | 222 | 03**7 | 02 | 8 |
| | 195 | 06 0 | 160 | 06 0 | | | | | 02 | 8 |
| 480 | 395 | 94 4 | 333 | 03 7 | 313 | 03**7 | 273 | 07**0 | 02 | 8 |
| | 232 | 07 0 | 217 | 05 7 | 170 | 05**7 | 155 | 04**0 | 02 | 8 |
| | 119 | 05 7 | | | | | | | 02 | 8 |
| 510 | 520 | 77845 | 454 | 86914 | 389 | 93**1 | 300 | 07**1 | 02 | 5 |
| | 272 | 09 7 | 230 | 07 1 | 195 | 06**0 | 169 | 03**1 | 02 | 5 |
| | 128 | 03 4 | 107 | 05 7 | 084 | 05**0 | 075 | | 02 | 5 |
| 645 | 568 | 74758 | 522 | 77781 | 486 | 80814 | 404 | 92**4 | 02 | 5 |
| | 358 | 98 0 | 306 | 02 1 | 280 | 05**4 | 249 | 06**4 | 02 | 5 |
| | 176 | 02 7 | 124 | 02 7 | 067 | 07**0 | | | 02 | 5 |
| 08 | | | | | | | | | | |
| 521 | 425 | 78852 | 400 | 80921 | 214 | 14997 | 185 | 16999 | 14 | 8 |
| | 155 | 12994 | | | | | | | 14 | 8 |
| 10 | | | | | | | | | | |
| 185 | 527 | 52 0 | 400 | 89 0 | 380 | 90**0 | 270 | 08**0 | 02 | 8 |
| 866 | 197 | 06990 | 158 | 04997 | | | | | 03 | 5 |
| 17 | | | | | | | | | | |
| 606 | 592 | 07 0 | 178 | 19 0 | 063 | 18**0 | 057 | 09**0 | 02 | 2 |
| | 055 | 10 0 | | | | | | | 02 | 2 |
| 21 | | | | | | | | | | |
| 153 | 382 | 926 4 | | | | | | | 02 | 5 |
| 209 | 522 | 78845 | 431 | 88 | 298 | 10*** | | | 02 | 5 |
| 221 | 175 | 07 | | | | | | | 02 | 5 |
| 845 | 286 | 05 | | | | | | | 02 | 5 |
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| 357 | 281 | 06 | | | | | | | 02 | 5 |
| 887 | 250 | 07 | 221 | 11 | | | | | 02 | 5 |
| 921 | 247 | 07 | | | | | | | 02 | 5 |
| 23 | | | | | | | | | | |
| 957 | 681 | 58606 | | | | | | | 02 | 5 |
| 24 | | | | | | | | | | |
| 038 | 332 | 92 | | | | | | | 02 | 5 |
| 25 | | | | | | | | | | |
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| 072 | 246 | 11 | 210 | 11 | | | | | 03 | 5 |
| 178 | 740 | 65703 | 639 | 70733 | 541 | 78811 | | | 02 | 5 |
| 181 | 667 | 18 | 016 | 81 | 727 | 88*** | 326 | 53*** | 03 | 5 |
| | 347 | 94 | | | | | | | 03 | 5 |
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| 087 | 456 | 82 0 | 432 | 85 3 | 372 | 90**3 | 360 | 93**6 | 02 | 5 |
| 135 | 743 | 54735 | 728 | 56653 | 699 | 58652 | 689 | 58668 | 02 | 5 |
| | 604 | 61658 | | | | | | | 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 |
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| | 030 | 97990 | 101 | 54 | | | | | 03 | 1 |
| 744 | 350 | 90990 | 296 | 00990 | 273 | 98997 | 226 | 00990 | 03 | 1 |
| | 167 | 02990 | 168 | 03991 | 146 | 03991 | 139 | 05993 | 03 | 1 |
| | 130 | 04992 | 110 | 03991 | 101 | 55*** | | | 03 | 1 |
| 808 | 550 | 71764 | 533 | 74841 | 503 | 74843 | 480 | 74791 | 03 | 1 |
| | 358 | 90981 | 430 | 11990 | 065 | 12995 | 047 | 05990 | 03 | 1 |
| | 016 | 90908 | | | | | | | 03 | 1 |
| 827 | 514 | 63667 | 376 | 80818 | 348 | 82995 | 264 | 90996 | 03 | 1 |
| | 234 | 87992 | 215 | 98888 | 195 | 04991 | 160 | 07993 | 03 | 1 |
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| 931 | 354 | 70994 | 345 | 70994 | 248 | 90990 | 138 | 15995 | 03 | 1 |
| | 120 | 15995 | 095 | 24993 | 078 | 17996 | 063 | 24993 | 03 | 1 |
| | 045 | 23994 | 029 | 09998 | 010 | 99995 | 005 | 00990 | 03 | 1 |
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| | 249 | 00 4 | 187 | 04 1 | | | | | 02 | 8 |
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| | 471 | 82881 | 384 | 93 0 | 334 | 99**0 | 317 | 03**4 | 02 | 5 |
| | 255 | 06 1 | 233 | 03 1 | 178 | 01**4 | 162 | 04**1 | 02 | 5 |
| | 147 | 03 7 | | | | | | | 02 | 5 |
| 570 | 197 | 02 4 | 174 | 01 4 | 136 | 08**0 | 100 | 10**7 | 14 | 8 |
| 625 | 636 | 55754 | 600 | 55754 | 554 | 64775 | 454 | 68716 | 02 | 8 |
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| | 229 | 02998 | | | | | | | 03 | 1 |
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| 231 | 264 | 07999 | 244 | 00995 | 219 | 97997 | 180 | 01997 | 03 | 1 |
| | 171 | 97993 | 142 | 00993 | 119 | 00995 | 109 | 97993 | 03 | 1 |
| | 091 | 00995 | | | | | | | 03 | 1 |
| 261 | 835 | 51620 | 627 | 68725 | 606 | 67712 | 552 | 71824 | 03 | 1 |
| | 324 | 00992 | | | | | | | 03 | 1 |
| 263 | 393 | 86914 | | | | | | | 04 | 1 |
| 273 | 250 | 07992 | 240 | 08995 | 224 | 02990 | 160 | 96991 | 03 | 1 |
| | 136 | 03996 | 119 | 98999 | 094 | 00996 | 068 | 02991 | 03 | 1 |
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| | 058 | 02993 | | | | | | | 03 | 1 |
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| | 049 | 98999 | 032 | 94999 | | | | | 03 | 1 |
| 316 | 258 | 00999 | 245 | 09999 | 215 | 95998 | 203 | 96995 | 03 | 1 |
| | 178 | 95992 | 158 | 96990 | 101 | 47*** | | | 03 | 1 |
| 381 | 179 | 02993 | 123 | 00997 | | | | | 03 | 1 |
| 398 | 559 | 64811 | 348 | 89949 | 203 | 17994 | 177 | 15995 | 03 | 1 |
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| 270 | 226 | 05997 | 216 | 03996 | 166 | 08992 | | | 03 | 1 |
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| 681 | 702 | 01694 | 654 | 53694 | 625 | 54723 | 462 | 73863 | 03 | 1 |
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| | 400 | 88983 | 277 | 04998 | 227 | 01991 | 210 | 01999 | 05 | 1 |
| 747 | 400 | 91993 | 335 | 00999 | | | | | 03 | 1 |
| 766 | 470 | 84951 | 430 | 89992 | 400 | 92999 | 203 | 04993 | 03 | 1 |
| | 185 | 02995 | | | | | | | 03 | 1 |
| 775 | 430 | 80944 | 400 | 84968 | 366 | 89963 | 216 | 10991 | 03 | 1 |
| | 063 | 05990 | 053 | 11999 | 038 | 06999 | 026 | 07990 | 03 | 1 |
| 785 | 493 | 70742 | 437 | 76908 | 400 | 81999 | 350 | 90990 | 03 | 1 |
| | 192 | 16998 | 185 | 12999 | 158 | 12999 | 144 | 09993 | 03 | 1 |
| | 048 | 09990 | | | | | | | 03 | 1 |
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| 879 | 445 | 85997 | 320 | 98999 | 101 | 58*** | | | 03 | 1 |
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| | 390 | 87993 | | | | | | | 03 | 1 |
| 907 | 432 | 89925 | 278 | 09995 | 171 | 03991 | 101 | 58*** | 03 | 1 |
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| | 433 | 90942 | 288 | 10996 | 101 | 68*** | 087 | 71*** | 03 | 1 |
| 913 | 185 | 03997 | | | | | | | 03 | 1 |
| 926 | 324 | 02998 | 271 | 00996 | 092 | 01997 | | | 03 | 1 |
| 934 | 641 | 65999 | 272 | 08990 | 125 | 01999 | 101 | 58*** | 03 | 1 |
| 938 | 555 | 81919 | 448 | 89002 | 351 | 93999 | 339 | 95992 | 03 | 1 |
| | 284 | 95994 | 229 | 98990 | 181 | 97999 | | | 03 | 1 |
| 945 | 302 | 02993 | | | | | | | 03 | 1 |
| 964 | 253 | 11990 | 215 | 14999 | 188 | 05998 | 135 | 04995 | 03 | 1 |
| 968 | 436 | 90983 | 351 | 97997 | | | | | 03 | 1 |
| 74 | | | | | | | | | | |
| 043 | 101 | 68 | 062 | 60 | | | | | 03 | 1 |
| 198 | 532 | 69728 | 370 | 90951 | 265 | 09991 | 101 | 58*** | 04 | 1 |
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| 458 | 473 | 67797 | 427 | 75823 | 414 | 75874 | 299 | 89995 | 02 | 1 |
| | 092 | 22993 | | | | | | | 02 | 1 |
| 644 | 385 | 73995 | 165 | 17995 | 086 | 23993 | | | 03 | 6 |
| 679 | 342 | 80944 | 294 | 89984 | | | | | 03 | 6 |
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| | 111 | 24990 | 085 | 25990 | 077 | 24994 | 050 | 14996 | 03 | 1 |
| | 037 | 04992 | 031 | 05995 | | | | | 03 | 1 |
| 501 | 162 | 13995 | 115 | 24993 | 107 | 22993 | | | 03 | 1 |
| 526 | 576 | 00682 | 188 | 09994 | 152 | 14995 | 144 | 13994 | 03 | 1 |
| | 092 | 31998 | 086 | 27992 | 080 | 28995 | | | 03 | 1 |
| 806 | 146 | 16998 | 101 | 58 | | | | | 03 | 1 |
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| 165 | 672 | 06998 | 531 | 57998 | 519 | 57995 | | | 03 | 1 |
| 218 | 360 | 70770 | 253 | 90981 | 123 | 27997 | 088 | 36990 | 03 | 1 |
| | 075 | 32993 | 050 | 11998 | 020 | 96991 | 101 | 55*** | 03 | 1 |
| 245 | 472 | 64995 | | | | | | | 03 | 1 |
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| 366 | 526 | 52684 | 520 | 54621 | 475 | 57712 | 345 | 72996 | 03 | 1 |
| | 334 | 74990 | 274 | 07990 | 240 | 99993 | 150 | 18994 | 03 | 1 |
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| 836 | 082 | 33991 | 045 | 08991 | | | | | 03 | |
| QLL | | OCEAN | STA | | | | | | | |
| 037 | 356 | 89887 | 209 | 14997 | 131 | 07994 | 072 | 12993 | 03 | 1 |
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| 044 | 625 | 56678 | 606 | 57765 | 465 | 72785 | 337 | 89936 | 03 | 1 |
| | 169 | 22990 | 136 | 13995 | 118 | 12999 | | | 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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| | 135 | 16 | 100 | 24 | | | | | 04 | 1 |
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| | 466 | 83 | 448 | 86 | 312 | 00000 | 239 | 02*** | 02 | 1 |
| | 219 | 00 | 154 | 98 | 147 | 97*** | 091 | 97*** | 02 | 1 |
| | 085 | 96 | | | | | | | 02 | 1 |
| 360 | 240 | 15 4 | 210 | 11 9 | | | | | 02 | 5 |

## Dec 27 1950

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| | 239 | 10990 | 210 | 06992 | 183 | 06997 | | | 03 | 5 |
| 836 | 258 | 07996 | 224 | 10997 | 153 | 06999 | 140 | 08995 | 03 | 8 |
| 974 | 144 | 08 6 | 091 | 10 2 | 073 | 13**8 | 055 | 14**4 | 03 | 2 |
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| | 227 | 17 0 | 157 | 27 0 | 113 | 27**0 | 065 | 27**0 | 03 | 2 |
| 026 | 065 | 21 0 | | | | | | | 02 | 2 |
| 171 | 184 | 28 0 | 083 | 28 0 | | | | | 02 | 2 |
| 322 | 175 | 33 0 | 145 | 30 0 | 067 | 34**0 | | | 02 | 2 |
| 476 | 155 | 36 0 | 120 | 30 0 | 085 | 30**0 | | | 02 | 2 |
| 953 | 211 | 34 0 | 191 | 32 0 | 175 | 34**0 | | | 03 | 2 |
| 04 | | | | | | | | | | |
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| 202 | 580 | 77806 | 457 | 89920 | | | | | 04 | 1 |
| 06 | | | | | | | | | | |
| 180 | 154 | 04 3 | | | | | | | 03 | 5 |
| 447 | 130 | 04 8 | | | | | | | 03 | 8 |
| 610 | 549 | 75771 | 488 | 82870 | 380 | 98**7 | 355 | 02**1 | 05 | 8 |
| | 285 | 07 7 | 246 | 07 7 | 193 | 03**7 | | | 05 | 8 |
| 07 | | | | | | | | | | |
| 110 | 354 | 97 4 | 308 | 03 0 | 258 | 06**1 | 224 | 06**1 | 02 | 8 |
| | 207 | 04 4 | 197 | 04 4 | 186 | 05**7 | 091 | 06**1 | 02 | 8 |
| | 073 | 06 1 | | | | | | | 02 | 8 |
| 145 | 725 | 60600 | 698 | 61612 | 648 | 64656 | 610 | 66679 | 02 | 8 |
| | 572 | 71720 | 556 | 71724 | 543 | 73745 | 405 | 86872 | 02 | 8 |
| 190 | 655 | 65671 | 598 | 68705 | 586 | 70712 | 416 | 91**0 | 02 | 8 |
| | 400 | 94 0 | 340 | 01 0 | 309 | 05**4 | 296 | 06**7 | 02 | 8 |
| | 284 | 06 7 | | | | | | | 02 | 8 |
| 480 | 280 | 07 4 | 237 | 07 4 | 192 | 04**4 | 127 | 05**1 | 02 | 8 |
| | 096 | 08 4 | 086 | 08 4 | | | | | 02 | 8 |
| 510 | 580 | 71743 | 433 | 85866 | 403 | 90913 | 351 | 99**4 | 02 | 5 |
| | 289 | 07 1 | 257 | 07 0 | 235 | 04**4 | 138 | 03**4 | 02 | 5 |
| 645 | 490 | 77814 | 454 | 81841 | 414 | 87902 | 326 | 96**0 | 02 | 5 |
| | 275 | 04 1 | 247 | 04 1 | 232 | 02**7 | 158 | 01**7 | 02 | 5 |
| | 110 | 01 7 | | | | | | | 02 | 5 |
| 08 | | | | | | | | | | |
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| | 467 | 70 9 | 449 | 71 5 | 330 | 90**0 | | | 03 | 1 |
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| 594 | 240 | 92991 | | | | | | | 14 | 8 |
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| 384 | 160 | 07995 | | | | | | | 03 | 5 |
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| 030 | 187 | 05993 | 175 | 05997 | 154 | 03992 | | | 03 | 5 |
| 567 | 235 | 21 | | | | | | | 03 | 5 |
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| 824 | 742 | 70755 | 706 | 73810 | 679 | 75812 | | | 02 | 5 |
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| 357 | 307 | 02 | | | | | | | 02 | 5 |
| 887 | 604 | 66722 | 400 | 86947 | 253 | 10*** | 221 | 15*** | 02 | 5 |
| | 196 | 15 | | | | | | | 02 | 5 |
| 935 | 217 | 06 | | | | | | | 02 | 5 |
| 941 | 555 | 89 | | | | | | | 02 | 5 |
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| 073 | 465 | 77852 | 250 | 10 | 217 | 15*** | 203 | 15*** | 02 | 5 |
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| 165 | 325 | 04 | 273 | 09 | | | | | 02 | 5 |
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| 107 | 589 | 70797 | | | | | | | 02 | 5 |
| 118 | 213 | 62 | 179 | 62 | | | | | 02 | 5 |
| 119 | 239 | 15 | | | | | | | 02 | 5 |
| 145 | 564 | 70765 | | | | | | | 02 | 5 |
| 617 | 207 | 06 | | | | | | | 02 | 5 |
| 630 | 444 | 84 | 325 | 04 | | | | | 02 | 5 |
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| 238 | 308 | 10 | 261 | 10 | 232 | 09*** | 207 | 09*** | 02 | 5 |
| 29 | | | | | | | | | | |
| 823 | 286 | 03 | 199 | 09 | 195 | 07*** | | | 01 | 5 |
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| 427 | 141 | 19 0 | 119 | 11 0 | 077 | 06**0 | 058 | 07**0 | 02 | 2 |
| 648 | 340 | 67520 | 288 | 51 0 | 223 | 34**0 | 194 | 23**0 | 02 | 2 |
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| 182 | 170 | 22 | | | | | | | 15 | 1 |
| 339 | 220 | 06 | | | | | | | 15 | 1 |
| 475 | 158 | 08 | | | | | | | 15 | 1 |
| 909 | 323 | 90 | | | | | | | 14 | 1 |
| 45 | | | | | | | | | | |
| 005 | 580 | 34990 | 400 | 20810 | 468 | 20800 | 431 | 13740 | 01 | 2 |
| | 326 | 82480 | 295 | 77440 | 140 | 10**5 | 067 | 87**0 | 01 | 2 |
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| 412 | 185 | 96992 | 105 | 95990 | 080 | 88990 | 040 | 91996 | 03 | 1 |
| | 101 | 58 | | | | | | | 03 | 1 |
| 580 | 087 | 00099 | | | | | | | 03 | 1 |
| 582 | 361 | 94999 | 322 | 95996 | 268 | 91992 | 232 | 90992 | 04 | 1 |
| | 212 | 88997 | 180 | 91995 | | | | | 04 | 1 |
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| | 122 | 06998 | 097 | 03995 | 084 | 05990 | 068 | 00991 | 03 | 1 |
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| 635 | 265 | 91994 | 240 | 94994 | 223 | 92995 | 178 | 00998 | 03 | 1 |
| | 174 | 00991 | 148 | 03995 | 130 | 10990 | 112 | 12990 | 03 | 1 |
| 646 | 235 | 97990 | 212 | 95990 | 165 | 97997 | 111 | 12990 | 03 | 1 |
| 744 | 334 | 92993 | 317 | 92993 | 301 | 90992 | 213 | 93993 | 03 | 1 |
| | 183 | 04994 | 142 | 04994 | 132 | 09990 | 120 | 05995 | 03 | 1 |
| | 094 | 06997 | 081 | 02991 | 075 | 03992 | | | 03 | 1 |
| 778 | 287 | 85995 | 237 | 90990 | 191 | 01991 | 160 | 08997 | 03 | 1 |
| | 155 | 09990 | 136 | 14995 | 111 | 15990 | 101 | 58*** | 03 | 1 |
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| | 244 | 05999 | | | | | | | 03 | 6 |
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| | 500 | 70874 | 420 | 78971 | 360 | 87061 | | | 02 | 8 |
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| | 194 | 11 0 | 183 | 10 4 | | | | | 02 | 5 |
| 625 | 431 | 77933 | 399 | 81971 | 386 | 83986 | 372 | 85002 | 02 | 8 |
| | 359 | 85001 | 354 | 84995 | 316 | 90**1 | 305 | 90**4 | 02 | 8 |
| | 218 | 02 1 | 203 | 03 0 | 185 | 06**1 | | | 02 | 8 |
| 715 | 270 | 03 0 | 219 | 03 0 | 194 | 07**1 | 176 | 09**0 | 14 | 5 |
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| | 128 | 00998 | 100 | 98999 | | | | | 03 | 1 |
| 231 | 058 | 95990 | 050 | 97994 | | | | | 03 | 1 |
| 261 | 840 | 52584 | 831 | 51584 | 549 | 76792 | 424 | 90953 | 03 | 1 |
| | 338 | 02996 | 218 | 98990 | 185 | 96997 | 150 | 98993 | 03 | 1 |
| 316 | 615 | 70992 | 408 | 90990 | 336 | 98999 | 295 | | 03 | 1 |
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| 208 | 338 | 89951 | 187 | 05997 | 096 | 18990 | 075 | 14995 | 03 | 1 |
| 211 | 175 | 08995 | 115 | 19997 | 078 | 20994 | | | 03 | 1 |
| 219 | 567 | 60990 | 534 | 63817 | 400 | 80892 | 342 | 89971 | 03 | 1 |
| | 222 | 08996 | 137 | 11996 | 095 | 19997 | 090 | 17994 | 03 | 1 |
| | 079 | 19990 | 073 | 15994 | | | | | 03 | 1 |
| 232 | 335 | 88000 | 150 | 10999 | 072 | 17998 | | | 03 | 1 |
| 240 | 252 | 03997 | 240 | 02993 | 189 | 07992 | 169 | 06994 | 03 | 1 |
| | 107 | 21999 | 090 | 13992 | 080 | 17992 | | | 03 | 1 |
| 250 | 306 | 88999 | 150 | 14999 | 120 | 14999 | | | 03 | 1 |
| 253 | 310 | 90990 | 180 | 11995 | 150 | 08991 | | | 03 | 1 |
| 259 | 600 | 56994 | 354 | 90990 | 342 | 92990 | | | 03 | 1 |
| 265 | 210 | 12995 | 185 | 07996 | 153 | 12997 | | | 03 | 1 |
| 278 | 148 | 07996 | | | | | | | 03 | 1 |
| 304 | 246 | 05992 | 078 | 10994 | 060 | 13998 | | | 03 | 1 |
| 317 | 522 | 66836 | 517 | 67990 | 101 | 68*** | 072 | 58*** | 03 | 1 |
| | 057 | 52 | | | | | | | 03 | 1 |
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| | 422 | 77913 | 400 | 80994 | 346 | 89991 | 180 | 12991 | 04 | 1 |
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| | 040 | 08998 | | | | | | | 04 | 1 |
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| | 232 | 06996 | 156 | 09990 | | | | | 03 | 1 |
| 353 | 612 | 60661 | 518 | 67811 | 400 | 79998 | 346 | 89993 | 03 | 1 |
| | 174 | 12991 | 162 | 09995 | 136 | 10995 | | | 03 | 1 |
| 386 | 108 | 16991 | 088 | 12998 | 073 | 16993 | 043 | 08927 | 03 | 1 |
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| 405 | 543 | 66759 | 478 | 71897 | 348 | 89997 | 222 | 13992 | 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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| | 290 | 04992 | 101 | 58 | | | | | 03 | 1 |
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| 491 | 167 | 12991 | 116 | 18228 | 105 | 19991 | 085 | 23994 | 02 | 1 |
| 644 | 178 | 15998 | 062 | 41990 | | | | | 03 | 1 |
| 679 | 130 | 18999 | 107 | 21996 | | | | | 03 | 1 |
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| 016 | 554 | 61991 | 334 | 90990 | 215 | 12991 | 180 | 12990 | 03 | 1 |
| 325 | 570 | 54991 | 536 | 55997 | 293 | 87998 | 181 | 13993 | 04 | 1 |
| | 160 | 14995 | 120 | 22994 | 086 | 22994 | 070 | 25997 | 04 | 1 |
| | 065 | 18994 | 060 | 992 | | | | | 04 | 1 |
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| | 180 | 09995 | 159 | 16990 | 110 | 25990 | 085 | 27996 | 03 | 1 |
| | 077 | 23992 | 072 | 24998 | 053 | 09993 | 032 | 07996 | 03 | 1 |
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| 806 | 515 | 52999 | 456 | 71756 | | | | | 03 | 1 |
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| | 155 | 13994 | | | | | | | 03 | 1 |
| 182 | 585 | 08990 | 319 | 84996 | 243 | 90990 | 178 | 06998 | 03 | 1 |
| 218 | 101 | 58 | | | | | | | 10 | 1 |
| 245 | 534 | 51671 | 263 | 89993 | 166 | 14996 | 090 | 33993 | 03 | 1 |
| | 074 | 30996 | 068 | 21991 | 062 | 21995 | 057 | 16993 | 03 | 1 |
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| 285 | 543 | 55994 | 535 | 55990 | 396 | 68999 | 390 | 68996 | 03 | 1 |
| | 264 | 92991 | 230 | 92996 | 203 | 98990 | | | 03 | 1 |
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| 366 | 125 | 25990 | 101 | 58 | | | | | 03 | 1 |
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| | 087 | 36995 | 068 | 26999 | 065 | 19997 | 054 | 13999 | 03 | 1 |
| | 040 | 16990 | 032 | 12990 | | | | | 03 | 1 |
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| 223 | 133 | 24994 | | | | | | | 03 | |
| 645 | 083 | 33994 | 065 | 17993 | 048 | 06996 | | | 03 | |
| 836 | 261 | 88964 | 106 | 33998 | 020 | 00990 | | | 03 | |
| QLL | | OCEAN | STA | | | | | | | |
| 037 | 056 | 11990 | | | | | | | 03 | 1 |
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| | 152 | 12 0 | 061 | 11 0 | | | | | 02 | 5 |
| 044 | 280 | 01999 | | | | | | | 03 | 1 |
| 053 | 192 | 15998 | 138 | 09993 | | | | | 03 | 1 |
| 124 | 607 | 55666 | 555 | 59777 | 317 | 89994 | | | 03 | 1 |
| | 101 | 68 | 040 | 32 | 089 | 84*** | 074 | 66*** | 03 | 1 |
| 133 | 248 | 57997 | 186 | 13993 | 178 | 08998 | 131 | 11990 | 03 | 1 |
| | 146 | 08996 | | | | | | | 03 | 1 |
| 223 | 575 | 58 | 530 | 60 | 478 | 60*** | 453 | 62*** | 03 | 1 |
| | 430 | 64 | 383 | 69 | 364 | 72*** | 345 | 75*** | 03 | 1 |
| | 308 | 80 | 275 | 86 | 240 | 93*** | 225 | 95*** | 03 | 1 |
| | 200 | 98 | | | | | | | 03 | 1 |
| 235 | 692 | 62 | 649 | 67 | 564 | 70*** | 477 | 77*** | 02 | 1 |
| | 426 | 83 | 318 | 94 | 255 | 97*** | 244 | 97*** | 02 | 1 |
| | 222 | 96 | 191 | 95 | 181 | 96*** | | | 02 | 1 |
| 360 | 574 | 75807 | 400 | 94 6 | 321 | 06**3 | 270 | 11**7 | 02 | 5 |

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| Index No. III | PPP | TTTTT ddx | PPP | TTTTT ddx | PPP | TTTTT ddx | PPP | TTTTT ddx | Hour GG | Code Type |
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| | 115 | 15990 | 100 | 16999 | | | | | 03 | 8 |
| 030 | 335 | 07995 | 283 | 09994 | 250 | 08992 | | | 03 | 5 |
| 384 | 719 | 66721 | 543 | 81863 | 400 | 95007 | 255 | 17*** | 03 | 5 |
| | 237 | 17 | 222 | 16 | | | | | 03 | 5 |
| 415 | 351 | 02994 | | | | | | | 03 | 5 |
| 02 | | | | | | | | | | |
| 062 | 274 | 11999 | 259 | 13992 | 252 | 13991 | 239 | 09999 | 03 | 8 |
| | 200 | 10998 | 185 | 12992 | | | | | 03 | 8 |
| 084 | 348 | 02997 | 298 | 08999 | 252 | 14993 | 241 | 14996 | 03 | 8 |
| | 231 | 15998 | 214 | 15992 | 200 | 12994 | | | 03 | 8 |
| 836 | 290 | 10998 | 232 | 08993 | 171 | 09999 | | | 03 | 8 |
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| 322 | 103 | 24 0 | | | | | | | 02 | 2 |
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| 917 | 185 | 22 0 | 135 | 26 0 | 124 | 30**0 | 096 | 26**0 | 02 | 7 |
| 953 | 225 | 29 0 | 162 | 30 0 | 150 | 27**0 | 086 | 24**0 | 03 | 2 |
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| 220 | 221 | | | | | | | | 03 | 6 |
| 270 | 280 | 06992 | 101 | 58 | | | | | 04 | 1 |
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| 360 | 236 | 06993 | | | | | | | 03 | 5 |
| 06 | | | | | | | | | | |
| 180 | 244 | 13 1 | 193 | 10 2 | | | | | 03 | 5 |
| 260 | 154 | 16 | 146 | 13 | 132 | 13*** | | | 02 | 8 |
| 447 | 366 | 96 5 | 292 | 08 5 | 266 | 10**3 | 207 | 05**0 | 03 | 8 |
| | 137 | 04 6 | 120 | 06 3 | 092 | 07**2 | | | 03 | 8 |
| 610 | 389 | 95 1 | 365 | 99 4 | | | | | 05 | 8 |
| 07 | | | | | | | | | | |
| 110 | 281 | 07 1 | 255 | 07 1 | 237 | 06**1 | 133 | 05**4 | 02 | 8 |
| | 113 | 08 0 | 085 | 08 0 | | | | | 02 | 8 |
| 145 | 393 | 94 1 | 362 | 96 4 | 307 | 05**4 | 218 | 07**4 | 02 | 8 |
| | 168 | 04 0 | 136 | 04 0 | 110 | 05**7 | 079 | 05**7 | 02 | 8 |
| 190 | 635 | 64711 | 586 | 71793 | 563 | 73813 | 534 | 74825 | 02 | 8 |
| | 487 | 80888 | 415 | 90972 | 389 | 96**7 | 334 | 04**1 | 02 | 8 |
| | 309 | 07 4 | 239 | 11 1 | 167 | 07**4 | 086 | 07**4 | 02 | 8 |
| 480 | 453 | 75855 | 346 | 02 4 | 290 | 10**4 | 279 | 08**0 | 02 | 8 |
| | 195 | 08 0 | 146 | 05 7 | 103 | 05**7 | | | 02 | 8 |
| 510 | 528 | 81865 | 470 | 85915 | 430 | 90942 | 378 | 97**4 | 02 | 5 |
| | 338 | 01 0 | 304 | 06 1 | 285 | 06**7 | 180 | 06**0 | 02 | 5 |
| | 146 | 06 | 085 | 09 4 | | | | | 02 | 5 |
| 645 | 536 | 79795 | 500 | 83835 | 428 | 88881 | 356 | 02**1 | 02 | 5 |
| | 286 | 09 7 | 246 | 09 7 | 181 | 06**7 | 169 | 03**7 | 02 | 5 |
| 08 | | | | | | | | | | |
| 509 | 462 | 71783 | 430 | 76822 | | | | | 03 | 1 |
| 521 | 555 | 60774 | 542 | 59761 | 400 | 77901 | 190 | 14997 | 14 | 8 |
| | 140 | 12990 | 103 | 19992 | | | | | 14 | 8 |
| 10 | | | | | | | | | | |
| 384 | 225 | 72994 | 173 | 07996 | | | | | 03 | 5 |
| 633 | 328 | 04998 | 242 | 10997 | 230 | 09991 | 170 | 06992 | 03 | 5 |
| 866 | 247 | 12995 | 178 | 07990 | | | | | 03 | 5 |
| 11 | | | | | | | | | | |
| 030 | 129 | 03990 | | | | | | | 03 | 5 |
| 16 | | | | | | | | | | |
| 716 | 320 | 98990 | 789 | 86991 | | | | | 03 | 1 |
| 17 | | | | | | | | | | |
| 606 | 237 | 33 0 | 228 | 34 0 | 187 | 18**0 | 160 | 16**0 | 03 | 2 |
| | 117 | 07 0 | 107 | 15 0 | | | | | 03 | 2 |
| 21 | | | | | | | | | | |
| 209 | 410 | 99 | 267 | 11 | | | | | 02 | 5 |
| 221 | 263 | 06 | | | | | | | 02 | 5 |
| 422 | 209 | 10 | | | | | | | 02 | 5 |
| 22 | | | | | | | | | | |
| 907 | 256 | 05 | 168 | 05 | | | | | 02 | 5 |
| 909 | 194 | 05 | 147 | 05 | | | | | 02 | 5 |
| 24 | | | | | | | | | | |
| 000 | 343 | 98 | 316 | 03 | | | | | 02 | 5 |
| 038 | 311 | 97 | | | | | | | 02 | 5 |

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| Index No. iii | 1st. 5th. etc. Level PPP | TTT dd x | 2nd. 6th. etc. Level PPP | TTT dd x | 3rd. 7th. etc. Level PPP | TTT dd x | 4th. 8th. etc. Level PPP | TTT dd x | Hour GG | Code Type |
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| 090 | 260 | 09 9 | | | | | | | 02 | 5 |
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| 107 | 599 | 67745 | | | | | | | 02 | 5 |
| 119 | 239 | 11 | 217 | 71 | 178 | 08*** | | | 02 | 5 |
| 135 | 861 | 04523 | 681 | 51578 | 612 | 66677 | | | 02 | 5 |
| 580 | 402 | 86874 | 548 | 95 | 256 | 12*** | 190 | 16*** | 02 | 5 |
| 617 | 516 | 78 | 251 | 04 | 216 | 06*** | | | 02 | 5 |
| 27 | | | | | | | | | | |
| 213 | 786 | 69787 | | | | | | | 02 | 5 |
| 29 | | | | | | | | | | |
| 263 | 285 | 07 | 230 | 07 | 145 | 05*** | 130 | 02*** | 02 | 5 |
| 269 | 782 | 70734 | 770 | 70734 | 746 | 71739 | 726 | 73556 | 02 | 5 |
| | 697 | 75782 | 679 | 75783 | 673 | 75760 | 652 | 76794 | 02 | 5 |
| | 561 | 82871 | | | | | | | 02 | 5 |
| 816 | 382 | 96 | 313 | 03 | | | | | 01 | 5 |
| 823 | 280 | 03 | 261 | 05 | | | | | 02 | 5 |
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| 427 | 145 | 19 0 | | | 237 | 33**0 | 223 | 35**0 | 02 | 2 |
| 648 | 324 | 56 0 | 317 | 55 0 | 142 | | 120 | 14**0 | 02 | 2 |
| | 182 | 21 0 | 160 | 16 0 | 073 | 07**0 | 063 | 12**0 | 02 | 2 |
| | 112 | 14 0 | 085 | 09 0 | | | | | | |
| 42 | | | | | | | | | | |
| 182 | 071 | 12 | | | | | | | 15 | 1 |
| 45 | | | | | | | | | | |
| 005 | 814 | 44380 | 755 | 36320 | 744 | 36220 | 714 | 32970 | 01 | 2 |
| | 665 | 40820 | 645 | 42940 | 438 | 10670 | 425 | 09662 | 01 | 2 |
| | 082 | 88 0 | 078 | 88 0 | 065 | 92**0 | | | 01 | 2 |
| 47 | | | | | | | | | | |
| 401 | 390 | 01994 | 285 | 07996 | 265 | 05994 | 235 | 03993 | 03 | 1 |
| | 204 | 00990 | 185 | 00990 | 166 | 99992 | 155 | 98998 | 03 | 1 |
| | 150 | 99996 | 132 | 98999 | 110 | 98997 | 105 | 96995 | 03 | 1 |
| 412 | 435 | 91994 | 346 | 01990 | 283 | 05990 | 236 | 00995 | 03 | 1 |
| | 225 | 01995 | 173 | 98990 | 101 | 47*** | | | 03 | 1 |
| 582 | 240 | 95995 | 195 | 93998 | 177 | 94991 | 160 | 97990 | 03 | 1 |
| | 142 | 97993 | 120 | 00996 | 113 | 03991 | 086 | 06997 | 03 | 1 |
| | 080 | 08998 | 075 | 08990 | 065 | 96995 | 060 | 92990 | 03 | 1 |
| | 050 | 88990 | 101 | 58 | | | | | 03 | 1 |
| 590 | 420 | 87992 | 355 | | 307 | 48990 | 274 | 00993 | 04 | 1 |
| | 238 | 98998 | 175 | 01990 | 125 | 98995 | 073 | 04990 | 04 | 1 |
| | 065 | 05996 | 030 | 96997 | | | | | 04 | 1 |
| 600 | 671 | 74787 | 562 | 74784 | 510 | 79831 | 447 | 85995 | 03 | 1 |
| | 407 | 90995 | 315 | 96992 | 241 | 96992 | 101 | 58*** | 03 | 1 |
| 635 | 470 | 79994 | 458 | 79994 | 368 | 90990 | 342 | 93995 | 04 | 1 |
| | 320 | 92995 | 276 | 96991 | 250 | 95993 | 233 | 93991 | 04 | 1 |
| 646 | 168 | 00997 | | | | | | | 03 | 1 |
| 671 | 290 | 93998 | 265 | 95991 | 243 | 92991 | 225 | 92991 | 04 | 1 |
| | 140 | 99996 | 150 | 05994 | 101 | 58*** | | | 04 | 1 |
| 744 | 285 | 94990 | 267 | 96990 | 249 | 96990 | 228 | 93990 | 04 | 1 |
| | 218 | 93990 | 197 | 00995 | 156 | 02997 | 101 | 58*** | 04 | 1 |
| 778 | 357 | 85998 | 286 | 90991 | 243 | 90990 | 223 | 91992 | 03 | 1 |
| | 185 | 96990 | 161 | 00995 | 149 | 05993 | 133 | 08996 | 03 | 1 |
| | 122 | 12994 | 107 | 15995 | 080 | 08998 | 065 | 07990 | 03 | 1 |
| | 060 | 04995 | | | | | | | 03 | 1 |
| 808 | 637 | 62774 | 591 | 67786 | 556 | 67711 | 520 | 66801 | 03 | 1 |
| | 460 | 74792 | 732 | 78896 | 350 | 90990 | 342 | 88996 | 03 | 1 |
| | 283 | 94998 | 286 | 89990 | 228 | 94995 | 169 | 02991 | 03 | 1 |
| | 101 | 55 | | | | | | | 03 | 1 |
| 827 | 110 | 13991 | 101 | 58 | | | | | 03 | 1 |
| 931 | 134 | 20993 | 104 | 27995 | | | | | 09 | 1 |
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| 155 | 635 | 59660 | 610 | 61714 | 560 | 72714 | 536 | 64723 | 02 | 8 |
| | 520 | 67740 | 463 | 71770 | 372 | 88955 | | | 02 | 8 |
| 390 | 419 | 87891 | 327 | 99 4 | 302 | 04**7 | 239 | 12**4 | 02 | 5 |
| 625 | 663 | 55742 | 642 | 56753 | 636 | 55746 | 551 | 62814 | 02 | 8 |
| | 436 | 75811 | 404 | 77933 | 350 | 84007 | 244 | 02**4 | 02 | 8 |
| | 231 | 02 4 | 146 | 12 0 | 127 | 12**0 | 075 | 20**7 | 02 | 8 |
| | 070 | 15 7 | 059 | 17 1 | | | | | 02 | 8 |
| 715 | 216 | 04 0 | 171 | 04 0 | | | | | 14 | 5 |
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| 316 | 207 | 05994 | 224 | 99995 | 134 | 96997 | 101 | 47*** | 03 | 1 |
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| 202 | 518 | 62990 | 235 | 00990 | 130 | 16992 | 114 | 21993 | 03 | 1 |
| | 080 | 24995 | 050 | 18998 | | | | | 03 | 1 |
| 208 | 579 | 59688 | 542 | 64741 | 456 | 73794 | 428 | 74896 | 03 | 1 |
| | 400 | 78996 | 333 | 89997 | 216 | 09994 | 144 | 09997 | 03 | 1 |
| | 113 | 16991 | 088 | 13993 | | | | | 03 | 1 |
| 211 | 315 | 89998 | 095 | 21999 | 052 | 15997 | 047 | 10995 | 03 | 1 |
| | 035 | 06999 | | | | | | | 03 | 1 |
| 219 | 535 | 64774 | 522 | 65824 | 373 | 83956 | 334 | 90982 | 03 | 1 |
| | 207 | 11991 | 155 | 07991 | 074 | 13993 | 064 | 16991 | 03 | 1 |
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| 232 | 213 | 08998 | 142 | 10999 | 072 | 18990 | | | 04 | 1 |
| 240 | 840 | 10601 | 621 | 57702 | 537 | 66692 | 483 | 68797 | 04 | 1 |
| | 460 | 71841 | 400 | 80872 | 318 | 89924 | 205 | 12996 | 04 | 1 |
| | 183 | 09991 | 145 | 09993 | 102 | 19994 | 091 | 14996 | 04 | 1 |
| | 075 | 17995 | | | | | | | 04 | 1 |
| 250 | 565 | 55994 | 400 | 73995 | 148 | 11995 | 084 | 22998 | 03 | 1 |
| | 064 | 20994 | | | | | | | 03 | 1 |
| 253 | 468 | 70743 | 400 | 77801 | 175 | 05992 | 115 | 14993 | 03 | 1 |
| | 095 | 16999 | 088 | 19993 | 068 | 15992 | | | 03 | 1 |
| 259 | 576 | 64666 | 380 | 90951 | 285 | 96999 | 243 | 04998 | 03 | 1 |
| | 190 | 05995 | 101 | 58 | | | | | 03 | 1 |
| 270 | 179 | 05992 | 125 | 07997 | 085 | 17993 | 052 | 14999 | 03 | 1 |
| | 030 | 07997 | | | | | | | 03 | 1 |
| 304 | 219 | 09998 | 144 | 13991 | 081 | 14990 | 076 | 12990 | 03 | 1 |
| 317 | 760 | 52723 | 730 | 53732 | 618 | 62694 | 528 | 67844 | 03 | 1 |
| | 400 | 82992 | 382 | 84977 | 353 | 89979 | 221 | 12998 | 03 | 1 |
| | 068 | 11991 | | | | | | | 03 | 1 |
| 327 | 753 | 52729 | 646 | 60636 | 625 | 60663 | 580 | 64704 | 03 | 1 |
| | 546 | 67799 | 400 | 83889 | 353 | 90962 | 219 | 08990 | 03 | 1 |
| | 150 | 09993 | 140 | 07990 | 123 | 11998 | 090 | 10994 | 03 | 1 |
| 340 | 370 | 89966 | 228 | 07990 | 132 | 10990 | 126 | 09995 | 03 | 1 |
| 353 | 400 | 85998 | 370 | 90990 | 157 | 06995 | | | 03 | 1 |
| 365 | 354 | 88998 | 212 | 14992 | | | | | 03 | 1 |
| 386 | 127 | 07995 | 088 | 13991 | 040 | 08990 | | | 03 | 1 |
| 394 | 336 | 90990 | 214 | 16990 | 140 | 07996 | 059 | 12992 | 03 | 1 |
| | 050 | 09998 | | | | | | | 03 | 1 |
| 405 | 368 | 89957 | 271 | 07992 | 164 | 07996 | 135 | 10996 | 03 | 1 |
| | 104 | 08991 | 065 | 11996 | 055 | 10998 | | | 03 | 1 |
| 445 | 209 | 13992 | 192 | 06998 | 095 | 10990 | | | 03 | 1 |
| 451 | 177 | 07995 | 135 | 06995 | 069 | 13990 | 024 | 08991 | 03 | 1 |
| 476 | 150 | 04995 | 091 | 13997 | 080 | 10991 | | | 03 | 1 |
| 486 | 243 | 12993 | 212 | 16996 | 185 | 09993 | 147 | 03995 | 03 | 1 |
| | 112 | 11997 | 073 | 11992 | | | | | 03 | 1 |
| 493 | 578 | 58769 | 435 | 76904 | 400 | 82941 | 355 | 89001 | 03 | 1 |
| | 193 | 16998 | 179 | 11996 | 140 | 08990 | 115 | 09994 | 03 | 1 |
| 506 | 216 | 08991 | 136 | 08994 | | | | | 03 | 1 |
| 518 | 650 | 67839 | 543 | 75999 | 438 | 87996 | 400 | 91998 | 03 | 1 |
| | 242 | 06999 | 146 | 04992 | 078 | 09990 | 070 | 07995 | 03 | 1 |
| 520 | 229 | 08990 | 176 | 09992 | 140 | 08997 | | | 03 | 1 |
| 528 | 196 | 08998 | | | | | | | 03 | 1 |
| 534 | 369 | 89015 | 256 | 06991 | 210 | 12996 | 148 | 07998 | 03 | 1 |
| | 106 | 08998 | | | | | | | 03 | 1 |
| 536 | 400 | 87990 | 375 | 90990 | 316 | 98996 | | | 03 | 1 |
| 553 | 400 | 84915 | 354 | 89986 | 195 | 15992 | 185 | 11994 | 03 | 1 |
| | 170 | 14998 | 144 | 09994 | 050 | 08993 | | | 03 | 1 |
| 562 | 419 | 81922 | 400 | 83894 | 353 | 90953 | 180 | 17996 | 03 | 1 |
| | 150 | 09991 | 112 | 10998 | | | | | 03 | 1 |
| 576 | 260 | 08997 | 226 | 10995 | 186 | 03991 | 142 | 04996 | 03 | 1 |
| | 097 | 09996 | 074 | 13990 | 050 | 07998 | | | 03 | 1 |
| 597 | 582 | 61632 | 345 | 89923 | 233 | 12992 | 204 | 15995 | 03 | 1 |
| | 140 | 06998 | 065 | 09991 | 101 | 58*** | | | 03 | 1 |
| 600 | 273 | 03991 | 104 | 06993 | 630 | 67814 | 582 | 72994 | 03 | 1 |
| 606 | 769 | 63711 | 737 | 64716 | 400 | 95991 | 252 | 05996 | 03 | 1 |
| | 534 | 77898 | 448 | 88973 | 125 | 03998 | 079 | 07997 | 03 | 1 |
| | 178 | 06997 | 155 | 03998 | 043 | 07997 | | | 03 | 1 |
| | 070 | 10999 | 053 | 05996 | 400 | 84886 | 363 | 90941 | 03 | 1 |
| 655 | 531 | 68856 | 461 | 76814 | 170 | 11994 | 092 | 07997 | 03 | 1 |
| | 187 | 16991 | 176 | 16990 | 094 | 09992 | | | 03 | 1 |
| 662 | 202 | 10993 | 162 | 04990 | 216 | 13993 | 135 | 05992 | 03 | 1 |
| 681 | 348 | 90962 | 238 | 12995 | | | | | 03 | 1 |
| | 090 | 10992 | 064 | 09990 | | | | | 03 | 1 |
| 712 | 101 | 02990 | | | | | | | 03 | 1 |
| 734 | 155 | 06998 | | | | | | | 03 | 1 |
| 747 | 364 | 89937 | 198 | 14999 | 186 | 09991 | 080 | 06990 | 03 | 1 |
| 764 | 543 | 68749 | 302 | 84940 | 358 | 90981 | 220 | 12997 | 03 | 1 |
| | 177 | 04995 | 128 | 08997 | 050 | 09992 | 043 | 07990 | 03 | 1 |
| 768 | 333 | 98995 | 171 | 01990 | 047 | 06995 | | | 03 | 1 |
| 775 | 130 | 01992 | 113 | 08993 | | | | | 03 | 1 |
| 785 | 250 | 06997 | 229 | 09998 | 220 | 09995 | 217 | 07990 | 03 | 1 |
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| 815 | 529 | 82992 | 470 | 88998 | 361 | 93997 | | | 03 | 1 |
| 816 | 191 | 00990 | 101 | 58 | | | | | 03 | 1 |
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| | 145 | 03993 | 101 | 58 | | | | | 03 | 1 |
| 917 | 566 | 79821 | 732 | 87907 | 302 | 07991 | 265 | 13995 | 03 | 1 |
| | 180 | 08995 | | | | | | | 03 | 1 |
| 918 | 563 | 68739 | | | | | | | 03 | 1 |
| 924 | 231 | 18996 | 190 | 11994 | | | | | 03 | 1 |
| 934 | 175 | 02990 | 101 | 47 | | | | | 03 | 1 |
| 938 | 329 | 00990 | 285 | 10990 | 268 | 08993 | 256 | 09991 | 03 | 6 |
| | 234 | 04999 | 174 | 02999 | | | | | 03 | 6 |
| 945 | 144 | 00994 | 132 | 02996 | | | | | 03 | 1 |
| 968 | 238 | 98999 | 101 | 58 | | | | | 03 | 1 |
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| 043 | 325 | 00990 | | | | | | | 04 | 1 |
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| 074 | | | | | | | | | 03 | 6 |
| 082 | 258 | 13997 | 090 | 17998 | 101 | 58*** | | | 03 | 1 |
| 090 | 621 | 71751 | 609 | 70745 | 593 | 71762 | 337 | 00992 | 03 | 1 |
| | 293 | 08994 | 240 | 17994 | 167 | 10994 | 065 | 20990 | 03 | 1 |
| 198 | 670 | 65999 | 657 | 66994 | 642 | 65999 | 570 | 68995 | 03 | 1 |
| | 540 | 71993 | 528 | 71996 | 464 | 76904 | 357 | 90021 | 03 | 1 |
| | 237 | 08995 | 226 | 08991 | 205 | 10990 | 101 | 58*** | 03 | 1 |
| 76 | | | | | | | | | | |
| 458 | 303 | 89993 | 180 | 16992 | | | | | 02 | 1 |
| 491 | 146 | 12997 | 083 | 23996 | 044 | 10999 | | | 02 | 1 |
| 644 | 575 | 50996 | 140 | 18993 | 125 | 16998 | 105 | 25998 | 03 | 6 |
| | 060 | 23993 | | | | | | | 03 | 6 |
| 679 | 356 | 68912 | 292 | 90990 | 080 | 25992 | | | 03 | 6 |
| 78 | | | | | | | | | | |
| 016 | 460 | 72831 | 374 | 83889 | 333 | 90961 | 254 | 06991 | 03 | 1 |
| | 194 | 10996 | 101 | 58 | | | | | 03 | 1 |
| 325 | 054 | 16996 | | | | | | | 03 | 1 |

RADIOSONDE AND RAWINSONDE DATA.
SIGNIFICANT LEVELS

| Index No. iii | 1st. 5th. etc. Level PPP | TTT dd x | 2nd. 6th. etc. Level PPP | TTT dd x | 3rd. 7th. etc. Level PPP | TTT dd x | 4th. 8th. etc. Level PPP | TTT dd x | Hour GG | Code Type |
|---|---|---|---|---|---|---|---|---|---|---|
| 355 | 296 | 88995 | 154 | 16999 | 145 | 14999 | 098 | **994 | 03 | 1 |
| | 078 | 22998 | | | | | | | 03 | 1 |
| 501 | 418 | 67831 | 365 | 77843 | 328 | 82942 | 234 | 02999 | 03 | 1 |
| | 080 | 30995 | 048 | 11992 | 034 | | | | 03 | 1 |
| 526 | 284 | 88990 | 162 | 11990 | 085 | 26999 | 070 | 24996 | 03 | 1 |
| 806 | 168 | 14992 | 101 | 58 | | | | | 03 | 1 |
| 91 | | | | | | | | | | |
| 165 | 355 | 77867 | 253 | 98997 | 152 | 14990 | 138 | 20991 | 03 | 1 |
| | 133 | 18995 | 409 | 28997 | 102 | 26999 | | | 03 | 1 |
| 182 | 252 | 95997 | 241 | 95997 | 150 | 11990 | | | 03 | 1 |
| 218 | 114 | 31991 | 101 | 58 | | | | | 03 | 1 |
| 245 | 265 | 90990 | 082 | 33992 | 056 | 20993 | 045 | 06992 | 03 | 1 |
| | 039 | 09994 | 033 | 02995 | 026 | 03993 | | | 03 | 1 |
| 285 | 157 | 04992 | 085 | 24991 | | | | | 03 | 1 |
| 348 | 547 | 00616 | 417 | 65991 | 375 | 67993 | 159 | 14993 | 02 | 1 |
| | 096 | 35999 | 062 | 14994 | 049 | 11995 | 033 | 00997 | 02 | 1 |
| 366 | 103 | 31995 | 084 | 31998 | 101 | 58*** | | | 03 | 1 |
| 98 | | | | | | | | | | |
| 223 | 094 | 31996 | | | | | | | 03 | |
| 645 | 057 | 12992 | 034 | 08991 | | | | | 03 | |
| 836 | 434 | 62783 | 369 | 70811 | 320 | 77826 | 264 | 88925 | 03 | |
| | 146 | 20996 | 098 | 35996 | | | | | 03 | |
| QLL | | OCEAN | STA | | | | | | | |
| 041 | 330 | 95 0 | 278 | 99 4 | 225 | 12**4 | 192 | 15**0 | 02 | 5 |
| | 141 | 11 1 | | | | | | | 02 | 5 |
| 053 | 172 | 12997 | 146 | 09996 | 133 | 11990 | 125 | 07994 | 03 | 1 |
| | 092 | 10992 | | | | | | | 03 | 1 |
| 063 | 105 | 10995 | 092 | 08994 | | | | | 03 | 1 |
| 066 | 178 | 08998 | | | | | | | 03 | 1 |
| 124 | 518 | 57996 | 306 | 88998 | 192 | 14994 | 184 | 10999 | 03 | 1 |
| | 164 | 14994 | 147 | 11996 | 130 | 14998 | | | 03 | 1 |
| 154 | 334 | 90000 | 260 | 98999 | 115 | 00990 | | | 03 | 1 |
| 223 | 253 | 85 | | | | | | | 03 | 1 |
| 235 | 565 | 78 | 543 | 80 | 378 | 92*** | 337 | 94*** | 02 | 1 |
| | 310 | 93 | 284 | 91 | 182 | 92*** | 163 | 93*** | 02 | 1 |
| | 145 | 94 | 114 | 98 | 089 | 97*** | | | 02 | 1 |
| 360 | 172 | 12 0 | 142 | 11 4 | 100 | 14**5 | 085 | 15**7 | 02 | 5 |

Dec 29 1950

| Index No. iii | PPP | TTT dd x | PPP | TTT dd x | PPP | TTT dd x | PPP | TTT dd x | Hour GG | Code Type |
|---|---|---|---|---|---|---|---|---|---|---|
| 01 | | | | | | | | | | |
| 001 | 100 | 16996 | 097 | 17990 | | | | | 03 | 8 |
| 384 | 254 | 12 | 225 | 10 | 149 | 12*** | 138 | 10*** | 03 | 8 |
| | 113 | 12 | | | | | | | 03 | 8 |
| 415 | 150 | 07998 | | | | | | | 03 | 5 |
| 02 | | | | | | | | | | |
| 062 | 252 | 08998 | 236 | 09990 | 218 | 07995 | 183 | 10999 | 03 | 8 |
| | 157 | 10996 | 144 | 12997 | 133 | 11993 | | | 03 | 8 |
| 077 | 374 | 04991 | 305 | 10996 | 266 | 15997 | 210 | 13995 | 03 | 5 |
| | 170 | 13998 | | | | | | | 03 | 5 |
| 084 | 257 | 13992 | 225 | 10995 | 194 | 10994 | 177 | 09991 | 03 | 8 |
| | 151 | 10995 | 132 | 08993 | | | | | 03 | 8 |
| 836 | 344 | 10990 | 246 | 12999 | 233 | 10997 | 139 | 13994 | 03 | 8 |
| | 100 | 17996 | | | | | | | 03 | 8 |
| 03 | | | | | | | | | | |
| 005 | 222 | 23 0 | 211 | 23 0 | 005 | 23**0 | | | 02 | 2 |
| 171 | 157 | 30 0 | 075 | 26 0 | | | | | 02 | 2 |
| 322 | 185 | 28 0 | 076 | 26 0 | | | | | 02 | 2 |
| 476 | 213 | 17 0 | 195 | 23 0 | 187 | 21**0 | 161 | 30**0 | 02 | 2 |
| | 085 | 31 0 | | | | | | | 02 | 2 |
| 743 | 160 | 30 0 | 034 | 25 0 | | | | | 02 | 2 |
| 808 | 232 | 16 0 | 195 | 29 0 | 176 | 28**0 | | | 02 | 2 |
| 953 | 159 | 27 0 | 109 | 27 0 | | | | | 03 | 2 |
| 06 | | | | | | | | | | |
| 180 | 205 | 13 8 | 153 | 07 7 | | | | | 03 | 5 |
| 260 | 767 | 59867 | 605 | 70941 | 524 | 78*** | 450 | 86*** | 02 | 8 |
| | 404 | 91 | 244 | 14 | 223 | 13*** | 214 | 14*** | 14 | 5 |
| | 156 | 08 | 130 | 07 | | | | | 02 | 8 |
| 610 | 377 | 97 7 | 324 | 06 1 | 277 | 11**1 | 213 | 09**4 | 05 | 8 |
| 07 | | | | | | | | | | |
| 110 | 555 | 53551 | 500 | 78857 | 458 | 83911 | 420 | 87951 | 02 | 8 |
| | 330 | 94 0 | 230 | 11 4 | 205 | 11**4 | 120 | 05**4 | 02 | 8 |
| | 089 | 05 4 | | | | | | | 02 | 8 |
| 145 | 627 | 67681 | 560 | 72751 | 504 | 78801 | 418 | 91**1 | 02 | 8 |
| | 392 | 91 7 | 370 | 97 7 | 320 | 05**1 | 302 | 05**7 | 02 | 8 |
| | 260 | 12 7 | 238 | 14 4 | 228 | 14**4 | 169 | 08**7 | 02 | 8 |
| | 097 | 08 7 | | | | | | | 02 | 8 |
| 190 | 676 | 61656 | 640 | 65676 | 606 | 68724 | 562 | 74771 | 02 | 8 |
| | 519 | 77805 | 455 | 86907 | 364 | 96**7 | 171 | 08**7 | 02 | 8 |
| | 115 | 04 4 | | | | | | | 02 | 8 |
| 480 | 285 | 4 | 197 | 07 0 | 134 | 07**0 | | | 02 | 5 |
| 510 | 793 | 55654 | 711 | 57707 | 657 | 63755 | 544 | 72866 | 02 | 5 |
| | 458 | 84001 | 420 | 91071 | 382 | 94**4 | 336 | 03**0 | 02 | 5 |
| | 288 | 07 0 | 146 | 02 7 | 091 | 06**0 | | | 02 | 5 |
| 645 | 536 | 76773 | 466 | 85861 | 414 | 97**4 | 390 | 01**1 | 02 | 5 |
| | 290 | 07 1 | 261 | 06 0 | 219 | 06**0 | 172 | 03**4 | 02 | 5 |
| | 128 | 04 7 | 113 | 06 0 | 096 | 07**0 | 069 | 07**0 | 02 | 5 |
| 08 | | | | | | | | | | |
| 521 | 529 | 64685 | 400 | 77807 | 320 | 89937 | 208 | 13991 | 14 | 8 |
| 594 | 440 | 62689 | 404 | 67731 | 362 | 70765 | | | 14 | 8 |
| 10 | | | | | | | | | | |
| 338 | 094 | | | | | | | | 02 | 7 |
| 384 | 155 | 09999 | | | | | | | 03 | 5 |
| 633 | 606 | 68995 | 553 | 74880 | 425 | 90000 | 400 | 93993 | 03 | 5 |
| | 322 | 05995 | 280 | 10998 | 236 | 10998 | 161 | 06999 | 03 | 5 |
| | 116 | 07996 | | | | | | | 03 | 5 |
| 17 | | | | | | | | | | |
| 130 | 577 | 65674 | 481 | 75763 | 410 | 78792 | 400 | 86875 | 03 | 8 |
| | 306 | 01994 | 282 | 04994 | | | | | 03 | 8 |
| 606 | 210 | 32 0 | | | | | | | 02 | 2 |
| 21 | | | | | | | | | | |
| 209 | 308 | 08 | | | | | | | 02 | 5 |
| 422 | 165 | 10 | 147 | 08 | | | | | 02 | 5 |
| 802 | 289 | 04 | | | | | | | 03 | 5 |
| 22 | | | | | | | | | | |
| 909 | 106 | 08 | | | | | | | 02 | 5 |
| 931 | 328 | 06 | | | | | | | 02 | 5 |
| 23 | | | | | | | | | | |
| 957 | 750 | 62731 | 634 | 62742 | 665 | 69799 | | | 02 | 5 |
| 975 | 472 | 75838 | | | | | | | 02 | 5 |
| 24 | | | | | | | | | | |
| 022 | 190 | 10 | | | | | | | 02 | 5 |
| 073 | 270 | 06 | | | | | | | 02 | 5 |
| 25 | | | | | | | | | | |
| 165 | 448 | 88 | 332 | 05 | 270 | 14*** | | | 02 | 5 |
| 26 | | | | | | | | | | |
| 107 | 564 | 76833 | | | | | | | 02 | 5 |
| 40 | | | | | | | | | | |
| 597 | 267 | 99620 | 210 | 12697 | 122 | 97**0 | 096 | 74**0 | 03 | 2 |
| | 065 | 94 0 | | | | | | | 03 | 2 |
| 648 | 356 | 75650 | 236 | 47 0 | 163 | 14660 | 115 | 19**0 | 02 | 2 |
| 45 | | | | | | | | | | |
| 005 | 097 | 91 0 | 086 | 90 0 | 068 | 89**0 | 058 | 86**8 | 01 | 2 |
| | 055 | 92 5 | 046 | 93 0 | | | | | 01 | 2 |
| 47 | | | | | | | | | | |
| 401 | 473 | 86993 | 435 | 89996 | 389 | 97990 | 305 | 05997 | 03 | 1 |
| | 273 | 07999 | 252 | 08994 | 188 | 05990 | 143 | 01992 | 03 | 1 |
| | 123 | 02990 | 094 | 98996 | 085 | 00998 | 060 | 93992 | 03 | 1 |
| | 050 | 96990 | 045 | 94995 | 101 | 58*** | | | 03 | 1 |
| 582 | 261 | 03998 | 251 | 02995 | 181 | 00997 | 175 | 02990 | 03 | 1 |
| | 156 | 02996 | 145 | 03997 | 126 | 06997 | 110 | 06997 | 03 | 1 |
| | 082 | 06998 | 072 | 03992 | 060 | 03990 | | | 03 | 1 |
| 590 | 112 | 07990 | 103 | 04998 | 093 | 06998 | 053 | 05993 | 03 | 1 |
| | 050 | 06995 | 044 | 09 0 | 040 | 03994 | | | 03 | 1 |
| 600 | 426 | 78829 | 389 | 83998 | 379 | 84999 | 338 | 90994 | 03 | 1 |
| | 320 | 92996 | 275 | 99995 | 101 | 58*** | | | 03 | 1 |
| 635 | 333 | 90995 | 320 | 90990 | 235 | 93990 | 115 | 11997 | 03 | 1 |
| 671 | 412 | 81935 | 346 | 89996 | 125 | 0*999 | 114 | 09999 | 03 | 1 |
| 744 | 326 | 91990 | 276 | 92990 | 255 | 94990 | 233 | 94990 | 03 | 1 |
| | 176 | 00995 | 169 | 03998 | 101 | 58*** | | | 03 | 1 |
| 808 | 671 | 58594 | 650 | 57585 | 603 | 61621 | 579 | 62996 | 09 | 1 |
| | 462 | 75779 | 442 | 76801 | 370 | 84923 | 340 | 85944 | 09 | 1 |
| | 334 | 85996 | 274 | 89993 | 268 | 90990 | 245 | 92996 | 09 | 1 |
| | 234 | 92991 | 159 | 04996 | 115 | 19997 | 084 | 19992 | 09 | 1 |
| 827 | 224 | 92995 | 164 | 08997 | 153 | 14998 | 135 | 19991 | 03 | 1 |
| | 119 | 20996 | 083 | 21996 | 070 | 19997 | 066 | 22995 | 03 | 1 |
| 60 | | | | | | | | | | |
| 155 | 640 | 59708 | 610 | 76737 | 584 | 60760 | 500 | 64847 | 02 | 8 |
| | 414 | 73950 | | | | | | | 02 | 8 |
| 390 | 675 | 63700 | 650 | 65744 | 605 | 67794 | 572 | 70844 | 02 | 5 |
| | 530 | 72880 | 463 | 78959 | 399 | 82996 | 359 | 88064 | 02 | 5 |
| | 262 | 00 7 | 212 | 05 1 | 195 | 04**7 | 145 | 07**1 | 02 | 5 |
| | 136 | 08 7 | | | | | | | 02 | 5 |
| 570 | 081 | 11 4 | | | | | | | 14 | 8 |
| 625 | 743 | 03607 | 730 | 04584 | 665 | 01686 | 639 | 51645 | 02 | 8 |
| | 601 | 54738 | 558 | 60794 | 551 | 59772 | 476 | 66841 | 02 | 8 |
| | 396 | 78954 | 291 | 97 1 | 194 | 10**0 | 161 | 11**7 | 02 | 8 |
| | 161 | 11 7 | 100 | 23 1 | | | | | 02 | 8 |
| 715 | 245 | 02 7 | 236 | 01 0 | 173 | 07**4 | | | 14 | 5 |
| 61 | | | | | | | | | | |
| 642 | 355 | 79832 | 314 | 84994 | 237 | 98**4 | 184 | 11**7 | 07 | 5 |
| | 154 | 14 1 | 102 | 25 0 | | | | | 07 | 5 |
| 70 | | | | | | | | | | |
| 204 | 134 | 98992 | 107 | 93998 | 088 | 96993 | | | 03 | 1 |
| 219 | 168 | 98994 | 152 | 95999 | 070 | 97998 | 067 | 94997 | 03 | 1 |
| | 038 | 98990 | | | | | | | 03 | 1 |
| 231 | 565 | 80841 | 462 | 89935 | 340 | 03995 | 142 | 95995 | 03 | 1 |
| | 125 | 92992 | 080 | 98999 | 040 | 96995 | | | 03 | 1 |
| 261 | 329 | 05998 | 291 | 07990 | 257 | 06994 | 084 | 96993 | 03 | 1 |
| 263 | 675 | 68713 | 604 | 76781 | 578 | 77801 | 458 | 90951 | 03 | 1 |
| | 373 | 00995 | 360 | 03998 | 335 | 05995 | | | 03 | 1 |
| 308 | 156 | 03993 | 148 | 98999 | 135 | 01992 | 114 | 96997 | 03 | 1 |
| 381 | 087 | 02992 | | | | | | | 03 | 1 |
| 489 | 221 | 10996 | 206 | 11994 | 188 | 01992 | 170 | 01097 | 03 | 1 |
| | 121 | 01998 | 101 | 55 | | | | | 03 | 1 |
| 72 | | | | | | | | | | |
| 202 | 618 | 01995 | 308 | 88962 | 155 | 12990 | 088 | 24995 | 03 | 1 |
| | 075 | 21995 | | | | | | | 03 | 1 |
| 208 | 570 | 60646 | 400 | 77818 | 328 | 88934 | 178 | 15994 | 03 | 1 |
| | 167 | 07995 | 160 | 06994 | | | | | 03 | 1 |
| 211 | 540 | 58990 | 447 | 67762 | 400 | 73874 | 367 | 77917 | 03 | 1 |
| | 173 | 16990 | 155 | 11998 | 086 | 20995 | | | 03 | 1 |
| 219 | 315 | 90963 | 220 | 09991 | | | | | 03 | 1 |
| 232 | 185 | 16992 | 160 | 08990 | | | | | 03 | 1 |

RADIOSONDE AND RAWINSONDE DATA.
SIGNIFICANT LEVELS

| Index No. iii | 1st. 5th. etc. Level PPP | TTT dd x | 2nd. 6th. etc. Level PPP | TTT dd x | 3rd. 7th. etc. Level PPP | TTT dd x | 4th. 8th. etc. Level PPP | TTT dd x | Hour GG | Code Type |
|---|---|---|---|---|---|---|---|---|---|---|
| 240 | 386 | 80934 | 350 | 83899 | 309 | 89948 | 228 | 06995 | 03 | 1 |
| | 172 | 12998 | 140 | 07990 | 089 | 17993 | 050 | 13999 | 03 | 1 |
| 253 | 227 | 07999 | 133 | 07994 | 088 | 16994 | 053 | 14992 | 03 | 1 |
| 259 | 658 | 54995 | 364 | 90990 | 233 | 10991 | 220 | 08994 | 04 | 1 |
| | 180 | 05992 | 159 | 07993 | 143 | 06992 | 101 | 58*** | 04 | 1 |
| 265 | 050 | 11993 | | | | | | | 03 | 1 |
| 270 | 214 | 13992 | 137 | 06997 | 082 | 15990 | 043 | 10997 | 03 | 1 |
| 278 | 338 | 90002 | 193 | 17992 | 169 | 16992 | 080 | 14998 | 03 | 1 |
| | 057 | 14993 | | | | | | | 03 | 1 |
| 304 | 160 | 13995 | 140 | 09997 | 087 | 14993 | | | 03 | 1 |
| 317 | 400 | 80847 | 345 | 89934 | 244 | 10990 | 106 | 15996 | 03 | 1 |
| | 080 | 15992 | | | | | | | 03 | 1 |
| 327 | 400 | 80996 | 354 | 88998 | 228 | 10992 | 156 | 05994 | 03 | 1 |
| | 084 | 15995 | 061 | 13992 | 054 | 09996 | | | 03 | 1 |
| 340 | 757 | 50704 | 731 | 00994 | 617 | 58997 | 577 | 60994 | 03 | 1 |
| | 400 | 84995 | 360 | 89998 | 252 | 06996 | 165 | 04992 | 03 | 1 |
| | 085 | 12996 | 056 | 10999 | | | | | 03 | 1 |
| 365 | 376 | 86989 | 355 | 90010 | 264 | 08992 | | | 03 | 1 |
| 386 | 066 | 13999 | 060 | 10993 | 053 | 12990 | 040 | 06992 | 03 | 1 |
| 394 | 400 | 77901 | 363 | 81948 | 317 | 90990 | 193 | 16995 | 03 | 1 |
| | 180 | 13996 | 164 | 16990 | 157 | 11990 | 126 | 12995 | 03 | 1 |
| 405 | 525 | 68851 | 354 | 89983 | 202 | 16999 | 155 | 09994 | 03 | 1 |
| | 130 | 12998 | 107 | 11993 | | | | | 03 | 1 |
| 445 | 264 | 06999 | | | | | | | 03 | 1 |
| 451 | 364 | 90932 | 258 | 09996 | 178 | 03990 | 152 | 05994 | 03 | 1 |
| | 147 | 02990 | 089 | 11994 | 083 | 08993 | | | 03 | 1 |
| 476 | 215 | 11999 | 132 | 10994 | 085 | 12995 | 073 | 11993 | 03 | 1 |
| 486 | 088 | 13994 | 067 | 10996 | | | | | 03 | 1 |
| 506 | 762 | 53594 | 678 | 60632 | 670 | 58637 | 400 | 87983 | 04 | 1 |
| | 384 | 88992 | 206 | 14994 | 174 | 11991 | 085 | 12996 | 04 | 1 |
| 518 | 770 | 54995 | 698 | 57772 | 656 | 60747 | 612 | 63828 | 03 | 1 |
| | 400 | 84991 | 352 | 90990 | 180 | 18994 | 156 | 11994 | 03 | 1 |
| | 124 | 12990 | | | | | | | 03 | 1 |
| 520 | 426 | 80941 | 400 | 83949 | 363 | 89963 | 326 | 93999 | 03 | 1 |
| 528 | 400 | 85946 | 363 | 90012 | 250 | 10994 | | | 03 | 1 |
| 534 | 400 | 85997 | 376 | 89996 | 225 | 08999 | 180 | 03994 | 03 | 1 |
| 536 | 532 | 71999 | 400 | 85996 | 367 | 90990 | 239 | 07999 | 03 | 1 |
| | 147 | 05997 | 084 | 12990 | 060 | 10995 | | | 03 | 1 |
| 553 | 450 | 81946 | 400 | 88998 | 171 | 00998 | 087 | 12992 | 03 | 1 |
| | 082 | 09990 | 075 | 10990 | | | | | 03 | 1 |
| 576 | 264 | 02995 | 135 | 07991 | 114 | 05990 | 075 | 10999 | 03 | 1 |
| | 058 | 06999 | | | | | | | 03 | 1 |
| 597 | 555 | 60653 | 424 | 75785 | 416 | 75783 | 356 | 82901 | 03 | 1 |
| | 318 | 88948 | 174 | 20992 | 158 | 12992 | 074 | 10996 | 03 | 1 |
| 600 | 181 | 14993 | 136 | 10996 | 101 | 58*** | | | 03 | 1 |
| 606 | 364 | 89976 | 185 | 17995 | 175 | 14997 | 156 | 15998 | 03 | 1 |
| | 144 | 11990 | 072 | 10994 | | | | | 03 | 1 |
| 655 | 520 | 75844 | 475 | 79921 | 400 | 88995 | 279 | 06998 | 03 | 1 |
| | 250 | 02993 | 172 | 01996 | 070 | 09991 | 055 | 05996 | 03 | 1 |
| 681 | 135 | 10999 | | | | | | | 04 | 1 |
| 712 | 400 | 85963 | 364 | 90010 | 193 | 15994 | 176 | 11993 | 03 | 1 |
| | 073 | 08996 | | | | | | | 03 | 1 |
| 734 | 132 | 05990 | 073 | 07993 | 050 | 10999 | | | 03 | 1 |
| 747 | 610 | 74774 | 600 | 71745 | 537 | 75867 | 414 | 89005 | 03 | 1 |
| | 400 | 91994 | 280 | 07995 | 174 | 03991 | | | 03 | 1 |
| 764 | 515 | 79831 | 430 | 86980 | 405 | 89007 | 274 | 90994 | 03 | 1 |
| | 230 | 06994 | 072 | 07993 | 060 | 06992 | | | 03 | 1 |
| 768 | 350 | 97998 | 255 | 03997 | | | | | 03 | 1 |
| 798 | 322 | 90943 | 191 | 16992 | 146 | 06992 | 127 | 11991 | 03 | 1 |
| 815 | 459 | 81874 | 438 | 82910 | 350 | 92990 | | | 03 | 1 |
| 816 | 545 | 85991 | 525 | 85991 | 502 | 87927 | 298 | 04990 | 03 | 1 |
| | 101 | 68 | 079 | 65 | 062 | 50*** | | | 03 | 1 |
| 836 | 456 | 91978 | 334 | 06994 | 279 | 08991 | 244 | 06997 | 03 | 1 |
| | 188 | 08991 | 101 | 55 | | | | | 03 | 1 |
| 867 | 428 | 85903 | 260 | 04996 | 107 | 01992 | | | 03 | 1 |
| 896 | 492 | 77892 | 350 | 90951 | 260 | 07990 | 250 | 06993 | 03 | 1 |
| | 228 | 09994 | 218 | 07990 | 192 | 06993 | 160 | 04991 | 03 | 1 |
| 906 | 642 | 77851 | 503 | 90981 | 382 | 03997 | 354 | 04992 | 03 | 1 |
| 907 | 630 | 79862 | 575 | 83914 | 534 | 86814 | 498 | 89948 | 03 | 1 |
| | 335 | 06993 | 318 | 02996 | 272 | 00990 | 240 | 98996 | 03 | 1 |
| 915 | 470 | 91992 | 101 | 68 | 093 | 61*** | | | 03 | 1 |
| 926 | 175 | 02993 | | | | | | | 03 | 1 |
| 934 | 713 | 70702 | 650 | 71764 | 934 | 09981 | 318 | 05990 | 03 | 1 |
| | 242 | 00994 | 101 | 58 | | | | | 03 | 1 |
| 938 | 148 | 00991 | 121 | 01997 | | | | | 03 | 1 |
| 964 | 074 | 02991 | 101 | 58 | | | | | 03 | 1 |
| 968 | 284 | 04996 | 166 | 98998 | 101 | 68*** | 096 | 61*** | 03 | 1 |
| 74 | | | | | | | | | | |
| 072 | 557 | 77992 | | | | | | | 03 | 1 |
| 198 | 543 | 74883 | 475 | 81865 | 381 | 91996 | 295 | 04995 | 03 | 1 |
| | 229 | 10991 | 101 | 58 | | | | | 03 | 1 |
| 76 | | | | | | | | | | |
| 458 | 503 | 65683 | 490 | 64674 | 298 | 89925 | 168 | 19994 | 02 | 1 |
| | 150 | 15997 | | | | | | | 02 | 1 |
| 491 | 298 | 90000 | 195 | 15993 | 172 | 16993 | 167 | 12995 | 02 | 1 |
| | 110 | 17995 | | | | | | | 02 | 1 |
| 644 | 535 | 55687 | 508 | 58745 | 137 | 13990 | 092 | 27996 | 03 | 1 |
| | 073 | 23995 | | | | | | | 03 | 1 |
| 679 | 175 | 13996 | | | | | | | 03 | 1 |
| 78 | | | | | | | | | | |
| 016 | 330 | 90933 | 227 | 11997 | 186 | 16992 | 170 | 07991 | 03 | 1 |
| | 155 | 11992 | 101 | 58 | | | | | 03 | 1 |
| 325 | 178 | 10997 | 148 | 12993 | 079 | 28995 | 065 | 22995 | 03 | 1 |
| 355 | 635 | 01554 | 614 | 00669 | 392 | 72851 | 296 | 89991 | 03 | 1 |
| | 223 | 05996 | 140 | 17999 | 430 | 15990 | 075 | 29999 | 03 | 1 |
| | 070 | 22990 | 065 | 23990 | 059 | 16999 | 038 | 03998 | 03 | 1 |
| 501 | 630 | 03684 | 330 | 83992 | 403 | 88995 | 211 | 08995 | 04 | 1 |
| | 090 | 28998 | 077 | 28996 | 038 | 07992 | | | 04 | 1 |
| 526 | 534 | 56996 | | | | | | | 03 | 1 |
| 91 | | | | | | | | | | |
| 165 | 279 | 88999 | 145 | 14994 | | | | | 03 | 1 |
| 218 | 633 | 05606 | 620 | 04523 | | | | | 03 | 1 |
| 275 | 329 | 79990 | 268 | 89990 | 144 | 18990 | 101 | 55*** | 09 | 1 |
| 285 | 331 | 85994 | 285 | 89994 | 110 | 20997 | | | 03 | 1 |
| 366 | 507 | 56995 | 496 | 55996 | 426 | 62785 | 394 | | 09 | 1 |
| 700 | 600 | 03646 | 579 | 01664 | 550 | 01669 | 462 | 57757 | 03 | 1 |
| | 422 | 60993 | 258 | 88998 | 074 | 27997 | 061 | 22997 | 03 | 1 |
| | 055 | 14991 | 046 | 16991 | 038 | 10990 | 018 | 05991 | 03 | 1 |
| 98 | | | | | | | | | | |
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| | 078 | 26 | 063 | 19 | 050 | 08*** | | | 03 | 1 |
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| | 438 | 88 | 420 | 88 | 360 | 96*** | 345 | 95*** | 02 | 1 |
| | 263 | 96 | 216 | 93 | 206 | 94*** | 195 | 93*** | 02 | 1 |
| | 155 | 94 | 139 | 97 | 116 | 97*** | 109 | 98*** | 02 | 1 |

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| | 127 | 09992 | | | | | | | 03 | 5 |
| 02 | | | | | | | | | | |
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| | 215 | 11994 | 159 | 10992 | 098 | 14999 | | | 03 | 8 |
| 084 | 280 | 14990 | 236 | 09997 | 183 | 09990 | 122 | 10997 | 03 | 8 |
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| | 107 | 27 | | | | | | | 02 | 2 |
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| | 110 | 13990 | 101 | 68 | 002 | 96*** | | | 03 | 1 |
| 270 | 325 | 02999 | 284 | 98999 | 252 | 98998 | 214 | 01993 | 03 | 1 |
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| 447 | 421 | 89993 | 271 | 11 2 | 243 | 11**2 | 222 | 12**8 | 03 | 8 |
| | 152 | 05 6 | 075 | 09 4 | | | | | 03 | 8 |
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| | 229 | 14 4 | 217 | 11 1 | 198 | 10**4 | 174 | 08**1 | 02 | 8 |
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| | 427 | 89013 | 395 | 90 7 | 372 | 95**0 | 341 | 98**4 | 02 | 8 |
| | 294 | 07 4 | 242 | 12 7 | 202 | 10**7 | 154 | 10**4 | 02 | 8 |
| | 141 | 07 1 | 121 | 06 4 | | | | | 02 | 8 |
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| | 128 | 06 4 | | | | | | | 02 | 5 |
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| | 433 | 86906 | 394 | 92 0 | 356 | 95**4 | 272 | 03**0 | 02 | 5 |
| | 221 | 05 0 | 203 | 05 0 | 186 | 03**7 | 148 | 03**7 | 02 | 5 |
| | 122 | 02 4 | | | | | | | 02 | 5 |
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| | 157 | 07998 | | | | | | | 03 | 5 |
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| | 200 | 09992 | | | | | | | 03 | 5 |
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| 17 | | | | | | | | | | |
| 606 | 280 | 29 0 | 155 | 30 0 | | | | | 02 | 2 |

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| 24 | | | | | | | | | | |
| 170 | 242 | 12 | | | | | | | 02 | 5 |
| 25 | | | | | | | | | | |
| 159 | 148 | 15 | | | | | | | 02 | 5 |
| 165 | 248 | 11 | | | | | | | 02 | 5 |
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| | 826 | 28 | 697 | 93 | 915 | 41*** | 768 | 73*** | 02 | 5 |
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| | 252 | 13 | | | | | | | 02 | 5 |
| 101 | 332 | 86 | 239 | 12 | | | | | 02 | 5 |
| 118 | 248 | 64 | 188 | 64 | | | | | 02 | 5 |
| 580 | 384 | 98 | | | | | | | 02 | 5 |
| 617 | 480 | 74 | 373 | 86 | 183 | 14*** | | | | |
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| 217 | 433 | 26 | | | | | | | 02 | 5 |
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| 238 | 218 | 10 | | | | | | | 04 | 5 |
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| | 103 | 08 0 | 053 | 12 0 | | | | | 02 | 2 |
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| 475 | 347 | 88 | 161 | 10 | | | | | 15 | 1 |
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| | 180 | 96995 | 101 | 58 | | | | | 03 | 1 |
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| | 172 | 98997 | 159 | 00990 | 140 | 00990 | 101 | 55*** | 03 | 1 |
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| | 118 | 98995 | 066 | 98997 | | | | | 03 | 1 |
| 231 | 383 | 88996 | 247 | 09992 | 223 | 05996 | 208 | 98999 | 03 | 1 |
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| 273 | 519 | 71998 | 374 | 89999 | 253 | 09992 | 222 | 01991 | 03 | 1 |
| | 076 | 00990 | | | | | | | 03 | 1 |
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| 308 | 283 | 04997 | 273 | 01998 | 176 | 98993 | 152 | 94992 | 03 | 1 |
| | 085 | 96996 | 082 | 93996 | 069 | 97994 | 052 | 96994 | 03 | 1 |
| 350 | 547 | 71742 | 257 | 10998 | | | | | 03 | 1 |
| 361 | 116 | 97990 | 056 | 01993 | | | | | 03 | 1 |
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| | 165 | 15993 | 146 | 10995 | 092 | 22997 | 075 | 23993 | 03 | 1 |
| 211 | 660 | 00533 | 590 | 53607 | 555 | 58621 | 452 | 67767 | 03 | 1 |
| | 423 | 70827 | 400 | 73804 | 294 | 90011 | 170 | 16997 | 03 | 1 |
| | 150 | 12992 | 080 | 23991 | 040 | 05992 | | | 03 | 1 |
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| | 386 | 84963 | 339 | 90973 | 165 | 12996 | 148 | 09996 | 03 | 1 |
| | 085 | 16998 | 064 | 12996 | | | | | 03 | 1 |
| 232 | 172 | 15993 | 160 | 10990 | 075 | 15998 | | | 03 | 1 |
| 240 | 226 | 08994 | 167 | 10997 | 134 | 08999 | 079 | 16992 | 03 | 1 |
| | 075 | 13995 | 067 | 13993 | | | | | 03 | 1 |
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| 259 | 512 | 76785 | 476 | 77883 | 470 | 76858 | 370 | 90951 | 03 | 1 |
| | 255 | 04995 | 240 | 04992 | 234 | 05991 | 228 | 04992 | 03 | 1 |
| | 211 | 06991 | 198 | 04995 | 175 | 06991 | 157 | 05992 | 03 | 1 |
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| | 400 | 85977 | 372 | 89993 | 248 | 07990 | 190 | 05994 | 03 | 1 |
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| 327 | 254 | 09990 | 164 | 06992 | 089 | 13994 | 084 | 11995 | 03 | 1 |
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| 386 | 316 | 90983 | 184 | 17992 | 152 | 11995 | 136 | 16991 | 03 | 1 |
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| | 253 | 11991 | 245 | 08995 | | | | | 03 | 1 |
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| | 176 | 10999 | 172 | 05996 | 156 | 05995 | 130 | 11992 | 03 | 1 |
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| 826 | 247 | 07993 | 163 | 07991 | 120 | 10994 | 101 | 58*** | 03 | 1 |
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| | 130 | 00990 | | | | | | | 03 | 6 |
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