June 1 1951



| LOCATION OF SHIP AND TIME OF OBSERVATION | | TOT. CLD. AMT. AND WIND | VIS. AND WEATHER | PRESSURE AND TEMP | CLOUDS | SHIP SPEED AND PRESS. CHANGE | TEMP | WAVES | SHIP NUMBER |
|---|---|---|---|---|---|---|---|---|---|
| YQLaLaLa | LoLoLoGG | Nddff | VVwwW | PPPTT | NhCLhCMCH | DsVsapp | OTsTsTdTd | IdwdwPwHw | |
| 60920 | 88512 | 70505 | 98029 | 91182 | 0005 | 00310 | | | |
| 60620 | 33012 | 82103 | 80022 | 23845 | 856 | 00305 | 05236 | 149*1 | 1301 |
| 60667 | 24812 | 30000 | 98011 | 24302 | | | | | |
| 60635 | 14512 | 80909 | 98032 | 22505 | | | | | |
| 60647 | 13812 | 80000 | 98812 | 24303 | 684 | 44202 | 00203 | 149*1 | |
| 60556 | 51212 | 81225 | 55616 | 14041 | 8042 | 85806 | 00241 | 11553 | 3200 |
| 60565 | 51012 | 81315 | 80022 | 15642 | 0097 | 00817 | 00242 | 11432 | 402 |
| 60503 | 45512 | 81415 | 97635 | 17348 | 883 | 16300 | 0**48 | | 16303 |
| 60527 | 35512 | 83505 | 74022 | 20444 | 855 | 00903 | 05235 | 13522 | 1003 |
| 60579 | 32812 | 73616 | 98012 | 19 46 | 75430 | 86106 | | | |
| 60525 | 20012 | 61007 | 97022 | 19413 | 15546 | 00909 | 00010 | 10921 | |
| 60514 | 11312 | 42707 | 98020 | 17664 | 25308 | 67300 | | | 1 21 |
| 60591 | 19212 | 41708 | 96012 | 22153 | 35731 | 00301 | 00249 | 149*2 | |
| 60582 | 02412 | 80905 | 97024 | 24207 | | | | | |
| 60587 | 03612 | 30000 | 78011 | 24260 | 00901 | 66308 | | | 27099 |
| 60400 | 70412 | 12206 | 98020 | 19665 | 14400 | 26322 | | | 1 682 |
| 60401 | 70412 | 12206 | 97020 | 19462 | 00940 | 24307 | 0**59 | 12220 | |
| 60400 | 66712 | 02708 | 98000 | 19968 | 00900 | 26307 | 0**65 | 12722 | 1 906 |
| 60407 | 68312 | 02600 | 96054 | 18659 | | | | | |
| 60409 | 61412 | 82912 | 99022 | 17157 | 85300 | 66320 | 05655 | | |
| 60426 | 64212 | 12609 | 81020 | 14653 | 00809 | | | | |
| 60400 | 56412 | 22613 | 98011 | 13269 | 22501 | 64325 | 05361 | 126** | |
| 60404 | 51112 | 62416 | 98018 | 17368 | 00900 | 66620 | 00565 | | |
| 60404 | 55112 | 42709 | 98021 | 14369 | 41601 | 25105 | | | |
| 60413 | 54212 | 32624 | 98011 | 15267 | 31500 | 65310 | 00656 | 12624 | |
| 60435 | 57812 | 92524 | 90454 | 12550 | 9 0 | 66330 | | | 1 435 |
| 60462 | 55512 | 92718 | 91454 | 22651 | 9 0 | 55611 | | | |
| 60400 | 43912 | 81805 | 99022 | 24065 | 855 | 26206 | 0**55 | 118*0 | 1 403 |
| 60408 | 46112 | 516 | 99022 | 20774 | 00939 | 14000 | | | 2 493 |
| 60415 | 40012 | 70210 | 98022 | 22062 | 75600 | 65300 | | | 1 521 |
| 60417 | 42812 | 80000 | 98021 | 21060 | 7562 | 67302 | 0**49 | 10443 | |
| 60420 | 43512 | 81610 | 98022 | 21362 | 845 | 15300 | | 116** | 1 621 |
| 60421 | 48912 | 81409 | 97606 | 16661 | 855 | 25310 | | 11422 | 11172 |
| 60434 | 41112 | 33005 | 99020 | 22659 | 00905 | 56114 | 00055 | | |
| 60437 | 45512 | 81920 | 95616 | 16763 | 883 | 18300 | | | |
| 60440 | 41012 | 80000 | 80022 | 21458 | 15507 | 00905 | 06046 | 10334 | 604 |
| 60451 | 43612 | 81918 | 97816 | 18954 | 854 | 65816 | 0**54 | 10744 | |
| 60468 | 45912 | 81424 | 93626 | 13949 | 00020 | 64836 | 00149 | | |
| 60497 | 47712 | 81418 | 20104 | 13007 | 864 | 17200 | 00200 | | |
| 60400 | 39612 | 70113 | 98030 | 20064 | 68330 | 26808 | | | 1 966 |
| 60404 | 33512 | 73416 | 99168 | 13565 | 73600 | 25302 | 0**63 | 13435 | 2 254 |
| 60407 | 36612 | 83622 | 98022 | 15262 | 994 | 66344 | | | 35133 |
| 60411 | 38512 | 80415 | 98031 | 20756 | 7337 | 15806 | | | 1 576 |
| 60415 | 32012 | 20512 | 98020 | 12371 | 21000 | 67313 | 0**62 | 105*3 | |
| 60421 | 36412 | 60018 | 99012 | 17063 | 52442 | | | | |
| 60422 | 33812 | 90415 | 97202 | 14662 | 9 0 | 14312 | | | 15103 |
| 60441 | 38512 | 80415 | 98031 | 20756 | 73371 | 15806 | | | |
| 60447 | 36012 | 63515 | 97002 | 17666 | 67220 | 64320 | 0**63 | 13633 | |
| 60449 | 36212 | 80260 | 96152 | 19916 | 852 | 13300 | | | |
| 60450 | 35912 | 30313 | 98010 | 17163 | 32401 | 15606 | 0**57 | 10356 | |
| 60451 | 34612 | 81918 | 97816 | 18912 | 854 | 65816 | | | |
| 60456 | 37212 | 60109 | 98022 | 19057 | 65830 | 56304 | 0**46 | | 1 103 |
| 60463 | 34912 | 82416 | 98032 | 18056 | 6441 | 65302 | | | 21146 |
| 60496 | 32312 | 83416 | 98186 | 16351 | 85 | 66310 | | | 1 425 |
| 60463 | 29212 | 50608 | 98012 | 58 | 11509 | 26303 | | 10932 | |
| 60464 | 28812 | 53610 | 98012 | 17351 | 11411 | 66320 | | | |
| 60470 | 25612 | 30907 | 98012 | 63 | 00919 | 64806 | 0**56 | 10933 | |
| 60484 | 23412 | 10717 | 98021 | 15964 | 18400 | 66310 | | | 1 844 |
| 60487 | 22012 | 51110 | 98022 | 16359 | 32441 | 66915 | 0**55 | 11644 | |
| 60488 | 21712 | 31109 | 98020 | 16257 | 21530 | 67806 | 0**51 | 11021 | |
| 60489 | 29412 | 82216 | 98216 | 15655 | 60 1 | 810 | | | 11072 |
| 60426 | 14812 | 81410 | 96334 | 15013 | 81721 | 63805 | 056** | 14921 | |
| 60431 | 10112 | 22205 | 98010 | 19561 | 6 | 45110 | 00449 | 136*2 | |
| 60431 | 12012 | 30205 | 97020 | 20417 | 21401 | 15304 | | | |
| 60442 | 11312 | 81610 | 96025 | 18616 | 864 | 14102 | 00112 | 10242 | |
| 60450 | 16012 | 81416 | 97606 | 14315 | 1747 | 00912 | 0**12 | 11232 | |
| 60450 | 16112 | 81416 | 97606 | 14315 | 1747 | 00912 | 00112 | 11232 | |
| 60450 | 17012 | 81115 | 97038 | 14963 | 865 | 55918 | 0**47 | 14933 | 35526 |
| 60487 | 18912 | 21005 | 99021 | 16357 | 21300 | 310 | 0**54 | 11042 | 1 975 |
| 60488 | 16812 | 61309 | 97031 | 18585 | 75600 | 55617 | 00242 | | |
| 60490 | 15512 | 51410 | 98031 | 17656 | 52400 | 26240 | | 11435 | 1 673 |
| 60435 | 09012 | 42503 | 97012 | 18017 | 48475 | 54300 | | | |
| 60451 | 08112 | 12909 | 98010 | 18815 | | | | | |
| 60464 | 00512 | 31302 | 98020 | 15352 | 00901 | 23300 | 00443 | 113*9 | |
| 60465 | 07012 | 83308 | 97022 | 11854 | 863 | 57305 | 00054 | 13322 | |
| 60300 | 70412 | 20110 | 98011 | 18674 | 21600 | 85308 | | | |
| 60304 | 77012 | 31103 | 98020 | 20088 | 00905 | 55312 | 0**80 | 11120 | |
| 60307 | 77212 | 40508 | 99030 | 23485 | 00904 | 45312 | | | 35485 |
| 60309 | 70212 | 20504 | 98021 | 20975 | 22500 | 13302 | | 13632 | 27634 |
| 60311 | 77012 | 01603 | 98020 | 20076 | 00900 | 55320 | 0**72 | 100*0 | 15711 |
| 60329 | 74112 | 20000 | 97021 | 20777 | 00911 | 44312 | 0**67 | | 1 99 |
| 60331 | 75612 | 23007 | 98020 | 22474 | 21500 | 45320 | 0**68 | 13021 | 27061 |
| 60332 | 77312 | 03115 | 98020 | 19678 | 00900 | 45316 | 0**68 | 13132 | 27044 |
| 60333 | 75612 | 43110 | 98021 | 21776 | 22460 | 46314 | | | 17211 |
| 60360 | 70012 | 23605 | 80031 | 20471 | 21500 | 00324 | 05257 | 13021 | 808 |
| 60362 | 73912 | 30000 | 97021 | 18365 | 01506 | 46318 | | | 1 1 |
| 60366 | 72612 | 10510 | 99010 | 21069 | 11400 | 46 | | 10521 | |
| 60374 | 74512 | 62013 | 56701 | 19369 | | | | | |
| 60377 | 73112 | 22502 | 96124 | 19976 | 21400 | | | | |
| 60385 | 73012 | 22310 | 97000 | 19663 | 23500 | 36317 | | 12321 | 11183 |
| 60305 | 68912 | 40109 | 97022 | 19671 | 11489 | 86310 | 05263 | | |
| 60324 | 68612 | 82005 | 98031 | 18672 | 8323 | 45102 | 0**67 | 12332 | 26703 |
| 60346 | 61512 | 53410 | 98021 | 19670 | 00010 | 65310 | | | |
| 60373 | 67312 | 53612 | 99151 | 19070 | 58200 | 25312 | 0**64 | 13632 | 2 271 |
| 60399 | 62312 | 83218 | 98022 | 17964 | 82600 | 65324 | 05757 | 13134 | |
| 60315 | 58412 | 72104 | 97031 | 18726 | 58550 | 56300 | 006** | 12741 | |
| 60338 | 56712 | 12110 | 99011 | 22076 | 11601 | 65308 | 0**73 | 12122 | 26896 |
| 60389 | 53412 | 52309 | 98011 | 18472 | 51400 | 26313 | 0**64 | 12134 | |
| 60399 | 59112 | 63316 | 98012 | 17364 | 55560 | 26316 | | | 11042 |
| 60307 | 47112 | 51105 | 99020 | 23472 | 11702 | 15306 | 05362 | 11121 | |
| 60350 | 48012 | 52205 | 80021 | 23671 | 41501 | 00308 | 05262 | 12220 | 1405 |
| 60369 | 42212 | 63607 | 98021 | 24119 | 61510 | 13102 | 057** | 13645 | |
| 60373 | 46912 | 22305 | 98030 | 22470 | 13401 | 66302 | | | 1 910 |
| 60393 | 40412 | 73610 | 99032 | 21767 | 75400 | 28302 | | | 11211 |
| 60343 | 38312 | 83417 | 98022 | 20068 | 885 | 65318 | 0**51 | 13334 | 2 175 |
| 60360 | 30012 | 72928 | 97022 | 05166 | 74370 | 64330 | 0**60 | | |
| 60367 | 30212 | 63627 | 98038 | 07163 | 52494 | 45368 | 0**56 | 13446 | 27073 |
| 60359 | 27912 | 93645 | 97181 | 01464 | 9 0 | 26826 | | 135.37 | 1 867 |
| 60366 | 22112 | 61416 | 98021 | 09265 | 35631 | 814 | 05359 | 11445 | |
| 60367 | 20212 | 63627 | 98038 | 07117 | 52494 | 45368 | 05214 | 13446 | |
| 60375 | 29912 | 83621 | 97182 | 06863 | 6246 | 66322 | | 13467 | 1 58 |
| 60379 | 21912 | 31110 | 99021 | 08167 | 26438 | 26308 | 0**57 | | 1 290 |
| 60340 | 16812 | 12318 | 98020 | 19320 | 01 0 | 85335 | | | |
| 60367 | 11812 | 41103 | 98030 | 23019 | 4 69 | 84300 | | | |
| 60367 | 11912 | 81509 | 98032 | 17272 | 22743 | 25301 | | 11521 | 27762 |
| 60381 | 13312 | 81614 | 99022 | 18663 | 846 | 65804 | 0**60 | | |
| 60255 | 90012 | 21110 | 99011 | 18680 | 28505 | 25300 | | 11132 | 17713 |
| 60234 | 88212 | 50210 | 98032 | 18082 | 53300 | 76203 | 0**79 | 10722 | 2 128 |
| 60236 | 81112 | 10510 | 98010 | 18081 | 12505 | 36300 | 0**73 | 10722 | 2 169 |
| 60236 | 82612 | 40614 | 98031 | 17380 | 44 00 | 16402 | 0**74 | 10623 | 1 251 |
| 60244 | 82812 | 10910 | 98010 | 18382 | 11400 | 65308 | | 10921 | 11090 |
| 60247 | 87612 | 40807 | 98021 | 20080 | 31440 | 75308 | | | 2 387 |
| 60248 | 84012 | 00809 | 99020 | 22579 | 00000 | | | | |
| 60250 | 80012 | 40420 | 98030 | 18680 | 41400 | 55310 | 0**74 | 10432 | 27103 |
| 60253 | 84412 | 00410 | 98010 | 16682 | 00900 | 75300 | 0**80 | 10422 | |
| 60257 | 85812 | 31109 | 98031 | 10982 | 34450 | | | | |
| 60258 | 86112 | 20904 | 99020 | 16380 | 21400 | 35308 | | 10920 | |
| 60261 | 83912 | 00201 | 99000 | 19380 | 00900 | 45002 | 0**76 | 1***0 | 16346 |
| 60261 | 85512 | 00907 | 98000 | 18080 | 00900 | 75110 | 0**76 | 10921 | 2 544 |
| 60262 | 87212 | 00905 | 99020 | 18681 | 00900 | 75102 | | 10920 | 27662 |
| 60265 | 88112 | 00501 | 98020 | 17678 | 00900 | 65610 | | | 1 900 |
| 60276 | 87212 | 01406 | 99020 | 20078 | 00900 | 35310 | | 11420 | 27235 |
| 60282 | 88812 | 21606 | 99021 | 19678 | 29900 | 34302 | | 11620 | 27534 |
| 60285 | 87412 | 31804 | 99021 | 20778 | 31400 | 34122 | | | 2 45 |
| 60221 | 74312 | 03610 | 98031 | 30180 | 23723 | 86101 | 0**77 | 13612 | 16215 |
| 60253 | 74612 | 30810 | 99021 | 19377 | 31600 | 45306 | 0**70 | 10832 | 2 173 |
| 60267 | 76012 | 40910 | 98031 | 20764 | 14003 | 43060 | | 10932 | 17617 |
| 60267 | 79412 | 60210 | 98031 | 17675 | 48410 | 45802 | | | |
| 60271 | 70712 | 40207 | 97021 | 19424 | 30 61 | 64102 | 056** | 10221 | |
| 60272 | 74112 | 40714 | 98021 | 20376 | 42 60 | 86120 | | | 2 60 |
| 60275 | 77012 | 20416 | 98051 | 19077 | 22500 | 75310 | | | |
| 60280 | 79712 | 60514 | 99031 | 21378 | 21508 | 86320 | | 10542 | |
| 60290 | 70212 | 40215 | 98051 | 20776 | 42400 | 85320 | 0**73 | 10233 | 1 212 |
| 60297 | 74012 | 10713 | 98020 | 21774 | | 46310 | | | 35340 |
| 60207 | 65112 | 71212 | 98018 | 18381 | 29411 | 15307 | 0**72 | 11233 | |
| 60213 | 67012 | 31410 | 98021 | 12681 | 12669 | 76310 | 0**75 | | 11052 |
| 60214 | 68612 | 81110 | 97252 | 16675 | 4446 | 15122 | | 11133 | 16378 |
| 60227 | 64912 | 61513 | 99028 | 12278 | 32431 | 45306 | | | |
| 60232 | 67612 | 50902 | 98031 | 07379 | 55402 | 86200 | 0**77 | 10922 | 1 498 |
| 60234 | 69312 | 71410 | 98031 | 16679 | 72322 | 44300 | | 11332 | |
| 60239 | 69312 | 50702 | 98168 | 17377 | 52421 | 46303 | 0**74 | 10720 | 11191 |
| 60270 | 62412 | 51710 | 98018 | 19077 | 24430 | 45110 | 0**70 | 11722 | |
| 60273 | 69712 | 70510 | 97271 | 19378 | 77200 | 66312 | 0**72 | 10522 | 2 33 |
| 60283 | 67912 | 31005 | 99020 | 19081 | 11540 | | | | |
| 60285 | 66512 | 73409 | 97028 | 19078 | 57320 | 76318 | | | 1 558 |
| 60288 | 69312 | 13610 | 98020 | 19375 | 11400 | 46300 | | 13631 | |
| 60227 | 52012 | 20907 | 97020 | 80027 | 11502 | 56301 | | | |
| 60231 | 57312 | 31109 | 99020 | 18779 | 22 00 | 55402 | 00068 | 111*2 | |
| 60236 | 59012 | 31110 | 99028 | 19380 | 32500 | 15121 | 00069 | | |
| 60268 | 51812 | 10906 | 98020 | 22775 | 12600 | 55114 | | | 27521 |
| 60275 | 53512 | 21305 | 98000 | 22176 | 21400 | 56120 | | | |
| 60276 | 54112 | 10904 | 99020 | 21975 | 11600 | 15120 | 05366 | | |
| 60251 | 42112 | 10208 | 99020 | 22473 | 11500 | 66104 | | 10220 | 1 443 |
| 60271 | 42412 | 00605 | 99000 | 22573 | 00900 | 15305 | 00062 | 106*1 | |
| 60274 | 40112 | 30310 | 98031 | 22074 | 31400 | 75802 | 0**62 | 10321 | 1 774 |
| 60297 | 46712 | 20402 | 98020 | 23276 | 21700 | 54110 | 00167 | 10400 | |
| 60253 | 38712 | 40409 | 99015 | 18673 | 45400 | 14300 | 05469 | 10422 | |
| 60106 | 88012 | 70515 | 98031 | 11282 | 4 60 | 76506 | 0**75 | 10533 | 37341 |
| 60108 | 87912 | 2 06 | 99011 | 12281 | 11310 | 74100 | | 1**32 | |
| 60114 | 88612 | 32505 | 98020 | 12481 | 30831 | 35302 | | 12721 | |
| 60125 | 88512 | 70505 | 98021 | 12282 | 00950 | 00310 | | | 35042 |
| 60141 | 84212 | 40904 | 98012 | 14282 | 11311 | 15108 | 0**79 | | 2 433 |
| 60171 | 87212 | 49498 | 01295 | 14282 | 11311 | 15108 | | | |
| 60160 | 74112 | 40416 | 99011 | 15984 | 31400 | 85305 | 0**80 | 10423 | 2 141 |
| 60172 | 76212 | 40000 | 98012 | 15283 | 00970 | 76316 | | 100*0 | 2 205 |
| 60177 | 74112 | 71110 | 98806 | 14978 | 45430 | 76316 | | 10922 | |
| 60185 | 74512 | 21603 | 99010 | 14682 | 22400 | 86322 | | | 1 141 |
| 60113 | 61912 | 51110 | 98020 | 15282 | 52406 | 75112 | 0**78 | 11121 | 2 318 |
| 60161 | 67712 | 50909 | 99021 | 12582 | 51501 | 45815 | | 10933 | |
| 60160 | 50712 | 70910 | 98021 | 17381 | 31363 | 76313 | | | 1 221 |
| 60177 | 38512 | 40612 | 99020 | 20078 | 21680 | 36303 | | | 1 958 |
| 60099 | 87312 | 22011 | 99021 | 11283 | 21430 | 76306 | | | 1 268 |
| 60046 | 40512 | 81406 | 98156 | 14978 | 4743 | 36101 | | | 11209 |
| 61505 | 61712 | 82603 | 97022 | 14244 | 886 | 64307 | | | |
| 61526 | 65012 | 91116 | 97535 | 14244 | 9 0 | 65300 | | | 35523 |
| 61534 | 58712 | 92903 | 97104 | 15242 | 9 0 | 65312 | 0**42 | 12362 | 3 178 |
| 61500 | 45012 | 81911 | 98022 | 27245 | 85500 | 00304 | 00144 | 11*** | |
| 61526 | 44112 | 82007 | 97022 | 25146 | 854 | 76600 | 0**44 | 12041 | 3 54 |
| 61471 | 70412 | 83420 | 97022 | 09141 | 874 | 26814 | 0**41 | 13533 | 2 299 |
| 61458 | 60112 | 91612 | 90454 | 03049 | 9 0 | 25300 | | 13143 | 35686 |
| 61463 | 65612 | 82015 | 92586 | 06045 | 87200 | 74610 | | | |
| 61479 | 64912 | 90218 | 97632 | 03746 | 9 0 | 25820 | | 10234 | 11096 |
| 61407 | 53512 | 72715 | 98258 | 18071 | 27561 | 66000 | 0**61 | 12523 | 1 923 |
| 61420 | 58212 | 81730 | 96605 | 10553 | 855 | | | | |
| 61409 | 48712 | 81811 | 97284 | 22758 | 862 | 26407 | 0**58 | 100*5 | 37347 |
| 61415 | 41912 | 81810 | 98033 | 31556 | 844 | 76004 | 0**53 | 11812 | 3 241 |
| 61404 | 24512 | 70224 | 98031 | 22449 | 74400 | 10235 | | | |
| 61407 | 29112 | 93634 | 98031 | 30551 | 954 | 75405 | 0**45 | 13647 | 3 158 |
| 61428 | 24612 | 83618 | 98020 | 24749 | | | | | |
| 61440 | 24612 | 3612 | 98031 | 24750 | | 85302 | 0**48 | 13634 | 36702 |
| 61462 | 24212 | 92915 | 98031 | 22753 | 962 | 00306 | | | |
| 61485 | 24912 | 32713 | 98032 | 16856 | 11761 | 00102 | 00811 | 12723 | |
| 61393 | 59712 | 92119 | 96626 | 13555 | | | | | |
| 61352 | 40012 | 81112 | 98022 | 31561 | 6241 | | | | |
| 61380 | 46712 | 11208 | 98001 | 21062 | 10704 | 74810 | | | |
| 61330 | 35012 | 80613 | 80022 | 28359 | 855 | 00508 | 05048 | 149** | 5620 |
| 61336 | 34912 | 80512 | 98022 | 30158 | 855 | 56810 | 0**51 | | 36113 |
| 61337 | 31212 | 80515 | 97022 | 27454 | 840 | 26300 | 0**49 | 10576 | 3 411 |
| 61347 | 30712 | 80612 | 98022 | 28555 | 7551 | 25610 | | | |
| 61349 | 33612 | 70423 | 97022 | 37754 | | | | | |
| 61368 | 31012 | 83610 | 97021 | 29555 | 8 | 66320 | 0**48 | | 37397 |
| 61370 | 39012 | 90412 | 97022 | 26060 | | | | | |
| 61368 | 25512 | 10133 | 98011 | 22855 | 15400 | | | | |

| LOCATION OF SHIP AND TIME OF OBSERVATION | | TOT. CLD. AMT. AND WIND | VIS. AND WEATHER | PRESSURE AND TEMP | CLOUDS | SHIP SPEED AND PRESS. CHANGE | TEMP | WAVES | SHIP NUMBER |
|---|---|---|---|---|---|---|---|---|---|
| YQLaLaLa | LoLoLoGG | Nddff | VVwwW | PPPTT | NhCLhCMCH | DsVsapp | OTsTsTdTd | IdwdwPwHw | |
| 61368 | 28612 | 70116 | 98032 | 26154 | 72400 | 66306 | 0**49 | 10154 | 3 323 |
| 61377 | 22712 | 93213 | 08020 | 18251 | 00000 | 13245 | | | |
| 61381 | 27012 | 13223 | 98020 | 23751 | 15400 | 67313 | 0**49 | 13235 | 1 818 |
| 61386 | 23712 | 3425 | 98020 | 19349 | | 75310 | 0**47 | 13445 | 36702 |
| 61312 | 18912 | 02925 | 98020 | 15661 | 00900 | 36812 | | | 35533 |
| 61313 | 17312 | 83115 | 98022 | 15258 | 843 | 46302 | 0**53 | 13132 | 3 359 |
| 61241 | 96812 | 81610 | 98011 | 15980 | 4233 | 44608 | | 11431 | 27681 |
| 61292 | 92212 | 01803 | 98000 | 18679 | 00900 | 00304 | | 118*1 | |
| 61216 | 61912 | 30812 | 98183 | 15977 | 32500 | 307 | 0**71 | 10832 | |
| 61217 | 56412 | 12009 | 81010 | 09875 | 15200 | | | | |
| 61221 | 55712 | 10811 | 81011 | 19675 | 12400 | | | | |
| 61246 | 52612 | 70916 | 98038 | 19369 | 73400 | 16300 | | 109*2 | 36105 |
| 61247 | 54012 | 51115 | 99181 | 18374 | 53400 | 56812 | 0**66 | | 3 220 |
| 61260 | 50212 | 31410 | 98011 | 18072 | 37400 | 54803 | 0**68 | 11434 | 3 568 |
| 61275 | 51112 | 71208 | 98808 | 20872 | 74400 | 15101 | 05466 | | |
| 61298 | 56012 | 21608 | 98011 | 18472 | | 65806 | | | 35303 |
| 61216 | 46412 | 20714 | 98020 | 1037 | 22500 | | | | |
| 61265 | 49512 | 21115 | 98021 | 19070 | 21500 | 57820 | | | 3 87 |
| 61270 | 40912 | 81809 | 81022 | 22069 | 52360 | | | | |
| 61280 | 45012 | 80913 | 81028 | 21668 | 855 | 00818 | 05560 | 149** | 5321 |
| 61205 | 39212 | 80816 | 98022 | 16669 | 6857 | 26006 | | | 36650 |
| 61282 | 32712 | 30518 | 98030 | 14463 | 31 00 | 66608 | | | 35410 |
| 61295 | 31912 | 40510 | 98030 | 25161 | 46400 | 65302 | 0**56 | | 1 731 |
| 61295 | 37712 | 80912 | 98022 | 24765 | 854 | 16910 | 0**55 | 10934 | 3 13 |
| 61248 | 12512 | 03010 | 98000 | 10264 | 00900 | 36302 | 0**61 | 13022 | 2 392 |
| 61119 | 91912 | 73603 | 98022 | 13281 | 78330 | 66308 | 0**77 | 12935 | 37604 |
| 61123 | 99312 | 72518 | 98032 | 10884 | 75263 | 65304 | 0**79 | 12723 | 1 629 |
| 61131 | 93712 | 82507 | 98022 | 13080 | 8066 | 74810 | | | 35684 |
| 61151 | 97112 | 81755 | 93656 | 07176 | 86 | 44304 | | | 1 125 |
| 61155 | 97412 | 81627 | 97816 | 08575 | 43327 | 61501 | | | 2 455 |
| 61159 | 95312 | 83203 | 96646 | 12582 | 814 | | | | 35076 |
| 61161 | 95012 | 62909 | 97255 | 13974 | | | | | 35059 |
| 61147 | 75712 | 50618 | 98021 | | | | | | |
| 61153 | 75412 | 10920 | 98010 | 14678 | 11500 | 303 | 00576 | 10967 | |
| 61153 | 76412 | 10920 | 98010 | 14678 | 11500 | 303 | | 10967 | 3 57 |
| 61155 | 72812 | 80713 | 98021 | 13979 | 11427 | | | | |
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| 61196 | 31312 | 90712 | 96608 | 16669 | 9 0 | 24712 | 0**66 | 10276 | 26956 |
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| 61184 | 21412 | 90518 | 98152 | 16368 | 933 | 26813 | | 10532 | 1 611 |
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| 62500 | 78512 | 93610 | 94284 | 18645 | 11111 | 17403 | | | |
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| 62440 | 54512 | 91612 | 92284 | 12542 | | | | | |
| 62468 | 67712 | 00905 | 96004 | 28839 | 00900 | 16322 | | | 3 50 |
| 62480 | 62012 | 81621 | 09464 | 23339 | 862 | 00305 | 00038 | 11434 | 5418 |
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| 62302 | 19012 | 52917 | 99030 | 13556 | 50603 | 348 | | 12721 | 26925 |
| 62304 | 33912 | 33406 | 98011 | 12572 | 00940 | 55318 | 0**64 | 13442 | 17702 |
| 62306 | 35712 | 81022 | 18572 | 60840 | | | | | |
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| 62352 | 48212 | 82115 | 97002 | 12568 | 8 | 26123 | 0**68 | 12135 | 3 154 |
| 62360 | 42112 | 82705 | 99021 | 70 | 775 | 55 10 | 0**74 | 12981 | 3 333 |
| 62360 | 42312 | 40605 | 97021 | 10264 | 24490 | 15400 | | | 35683 |
| 62376 | 41512 | 02011 | 9900 | 08362 | 00900 | | 05556 | | |
| 62383 | 48412 | 83512 | 81026 | 09763 | 4052 | | | | |
| 62390 | 47612 | 82710 | 97012 | 09061 | 85600 | | | | |
| 62324 | 55212 | 22705 | 64022 | 16072 | 25500 | 64313 | 05862 | 12723 | |
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| 62389 | 53012 | 81917 | 75616 | 12366 | 5752 | 00109 | 06563 | 11933 | |
| 62310 | 64012 | 02010 | 80032 | 15972 | 55650 | 00208 | 05669 | 12123 | |
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| 62368 | 60312 | 31315 | 98020 | 16367 | 31600 | 27117 | 0**62 | 12722 | 3 469 |
| 62382 | 60112 | 91503 | 01454 | 22062 | | | | | |
| 62385 | 61512 | 90410 | 94454 | 16965 | 9 0 | 53303 | | | 1 421 |
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| 62305 | 79012 | 31106 | 99021 | 22769 | 32500 | 26312 | 0**64 | 11122 | 35491 |
| 62204 | 14412 | 98409 | 95631 | 1079 | | | | | |
| 62236 | 19512 | 80402 | 98022 | 11078 | 2451 | 406 | | | |
| 62205 | 21412 | 60106 | 97031 | 11080 | 51710 | | 08179 | | |
| 62245 | 28012 | 70413 | 99020 | 09878 | 28 1 | 15100 | 05174 | 12301 | |
| 62252 | 24212 | 30506 | 98022 | 11580 | 15640 | | | | |
| 62279 | 27212 | 20717 | 98021 | 10477 | 14643 | | 07967 | | |
| 62288 | 29312 | 13301 | 98010 | 11823 | 11700 | 15307 | 05118 | 13532 | |
| 62231 | 38212 | 21103 | 99010 | 16076 | | 66302 | | 100** | |
| 62290 | 35012 | 42908 | 82012 | 12275 | 21531 | 53321 | 07770 | 12731 | |
| 62295 | 32912 | 13505 | 97012 | 12072 | 10170 | 14220 | | | |
| 62223 | 40412 | 20000 | 99020 | 14591 | | | | | |
| 62253 | 43312 | 21304 | 99031 | 12273 | | | | | |
| 62245 | 52212 | 20000 | 98022 | 13083 | 00930 | 24301 | | | |
| 62201 | 68312 | 40909 | 98025 | 12981 | 47520 | 16112 | | | |
| 62268 | 68612 | 11309 | 97021 | 15978 | 11800 | | | | |
| 62269 | 68912 | 30910 | 98022 | 18676 | 00950 | 66310 | 0**70 | | 3 159 |
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| 62125 | 12412 | 10000 | 99020 | 07185 | | | | | |
| 62154 | 19712 | 40206 | 98011 | 09886 | 24460 | 35230 | 0**78 | | 36748 |
| 62172 | 13412 | 71808 | 98022 | 06984 | 21470 | 44312 | 00177 | 11822 | |
| 62173 | 13812 | 21805 | 99010 | 06083 | 21 00 | 45312 | 05179 | | |
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| 62130 | 50112 | 20907 | 98021 | 10283 | 23400 | 306 | 0**74 | 108** | 37188 |
| 62124 | 78212 | 60521 | 98188 | 12982 | 44418 | 15304 | | 10544 | 2 335 |
| 62180 | 70812 | 30716 | 98021 | 13283 | 31501 | | | | |
| 62138 | 92612 | 92705 | 58022 | 00784 | 32469 | 54305 | | 12721 | |
| 62098 | 10712 | 31403 | 99021 | 06592 | 32481 | | | | |
| 62074 | 52712 | 90710 | 96132 | | | | | | |
| 62086 | 55812 | 70709 | 80021 | 08881 | 62550 | 9 310 | | | |
| 62082 | 68912 | 50910 | 08258 | 08883 | 32401 | | | | |
| 62077 | 73112 | 60913 | 81021 | 08181 | 61560 | | | | |
| 62057 | 97112 | 82918 | 98802 | 00080 | 844 | 65302 | | 12933 | 11021 |
| 62058 | 91512 | 82621 | 98022 | 04629 | 1147 | 00025 | | 12844 | |
| 63710 | 21412 | 80905 | 97026 | 98808 | | | | | |
| 63726 | 25512 | 70909 | 98022 | 02205 | | | | | |
| 63786 | 26012 | 50909 | 99021 | 01706 | | | | | |
| 63602 | 02612 | 82909 | 98022 | 22509 | | | | | |
| 63613 | 04112 | 82207 | 83585 | 82507 | 862 | 44311 | 05207 | 12211 | |
| 63618 | 04012 | 83509 | 96205 | 22208 | | | | | |
| 63647 | 08012 | 83018 | 97022 | 16207 | | | | | |
| 63659 | 02712 | 63012 | 98808 | 15605 | 696 | 82120 | 05602 | 12945 | |
| 63407 | 09612 | 71302 | 81022 | 19763 | 15141 | 85300 | 00354 | 113*0 | |
| 63373 | 08312 | 70203 | 98021 | 16972 | 66460 | 26300 | 0**61 | 10220 | 1 706 |
| 63342 | 22612 | 03407 | 98020 | 09213 | 00900 | 75603 | | | |
| 63342 | 32912 | 22505 | 99030 | 05177 | 16403 | 26814 | 0**70 | 12920 | 15229 |
| 63223 | 68812 | 32413 | 98020 | 10086 | 31500 | | | | |
| 63225 | 67812 | 33009 | 09011 | 99086 | 30020 | 84617 | | | |
| 63115 | 58812 | 12228 | 97081 | 02529 | 56601 | 24604 | | 13366 | |
| 63125 | 56812 | 82234 | 97022 | 10527 | 775 | 75404 | | 12358 | |
| 63172 | 56212 | 81810 | 98022 | 99788 | 0092 | 15822 | 0**77 | 11832 | 27065 |
| 63160 | 60112 | 62209 | 83031 | 00284 | 336 2 | 66601 | | | |
| 63154 | 83212 | 62010 | 99021 | 97090 | 5 09 | 83304 | | | |
| 63093 | 65412 | 61413 | 98021 | 05885 | 00938 | 25825 | | 12433 | |
| 63062 | 78512 | 72715 | 98036 | 04529 | 32408 | 65507 | | | |
| 63078 | 73412 | 82420 | 97166 | 05580 | 80823 | 26500 | 05574 | 12484 | |
| 63098 | 72512 | 82712 | 99022 | 05485 | 11510 | 63501 | | 12733 | |
| 63098 | 74912 | 82715 | 98152 | 06888 | 4347 | 35300 | | | 35520 |
| 63016 | 87212 | 82622 | 96656 | 08380 | 85600 | 74320 | | 126*4 | |
| 63050 | 81012 | 82010 | 98582 | 07930 | 86600 | 35200 | | 12032 | |
| 63056 | 82512 | 82518 | 98022 | 042 | 4442 | 64406 | 0**25 | 12524 | |
| 63056 | 86212 | 82521 | 98168 | 04480 | 67475 | 65812 | 0**79 | 12556 | 3 478 |
| 63059 | 89712 | 83232 | 97163 | 04728 | 4547 | 23401 | | | |
| 63079 | 81812 | 62405 | 97021 | 76087 | 65701 | 57403 | | 12421 | |

June 2 1951

| LOCATION OF SHIP AND TIME OF OBSERVATION | | TOT. CLD. AMT. AND WIND | VIS. AND WEATHER | PRESSURE AND TEMP | CLOUDS | SHIP SPEED AND PRESS. CHANGE | TEMP | WAVES | SHIP NUMBER |
|---|---|---|---|---|---|---|---|---|---|
| 70636 | 21012 | 71202 | 99152 | 17110 | 58560 | 00806 | 00106 | 149*1 | |
| 70640 | 12312 | 81313 | 98818 | 19206 | | | | | |
| 70667 | 16512 | 72005 | 98022 | 19205 | | | | | |
| 70520 | 55012 | 92412 | 00454 | 02140 | 9 0 | 56830 | 00340 | 149*1 | 400 |
| 70566 | 51112 | 81220 | 27616 | 05540 | 8042 | 00812 | 00040 | 11246 | 3202 |
| 70525 | 41112 | 90916 | 98022 | 08551 | 94400 | | | | |
| 70562 | 41112 | 80910 | 98022 | 15144 | 854 | 65815 | 00240 | 109*1 | |
| 70527 | 36012 | 70412 | 74022 | 10148 | 68570 | 00813 | 00243 | 104*1 | 1003 |
| 70541 | 36112 | 80115 | 98032 | 11244 | 844 | 16800 | 0**44 | | 16303 |
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| 70515 | 25112 | 71609 | 98022 | 05857 | 54431 | 68820 | | | 1 21 |
| 70566 | 28812 | 91104 | 96414 | 14254 | 9 0 | 66808 | | | |
| 70506 | 19812 | 81420 | 98032 | 09558 | 5643 | 810 | | | 11072 |
| 70513 | 19712 | 71413 | 97012 | 10256 | 7095 | 14610 | 00053 | 11532 | |
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| 70403 | 71512 | 63207 | 99021 | 12560 | 66439 | 26300 | | | 1 844 |
| 70403 | 73212 | 72007 | 97022 | 16218 | 7051 | 24300 | | | |
| 70405 | 70812 | 22109 | 96010 | 15816 | 00 05 | 26602 | 00316 | 12022 | |
| 70458 | 74912 | 32310 | 9803 | 19674 | 31500 | | | | |
| 70401 | 63612 | 52416 | 98031 | 19072 | 42702 | 24502 | 0**63 | 12421 | |
| 70401 | 67612 | 32217 | 98021 | 17676 | 00906 | 27805 | 0**67 | 12233 | 3 311 |
| 70405 | 68512 | 42312 | 98021 | 16662 | 21441 | 26300 | | | 3 413 |
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| 70449 | 61612 | 82314 | 98032 | 10855 | 65710 | 00645 | | | |
| 70400 | 56812 | 02809 | 98000 | 18972 | 00900 | 26300 | 0**63 | 13232 | 1 906 |
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| 70436 | 50912 | 82920 | 97024 | 12349 | 854 | 65318 | 0**48 | 12933 | |
| 70445 | 51112 | 52718 | 97034 | 11249 | 9 078 | 62126 | 00147 | 12744 | |
| 70455 | 52612 | 72620 | 98022 | 10307 | 00942 | 64305 | 00306 | 12654 | |
| 70405 | 42012 | 72518 | 98032 | 11065 | 73456 | | | | |
| 70405 | 47512 | 63109 | 98012 | 12962 | 61720 | 25301 | | | |
| 70411 | 49612 | 72709 | 98030 | 14960 | 54402 | 66320 | 05158 | | |
| 70416 | 45312 | 82821 | 98028 | 09864 | 544 | 66314 | | | 35133 |
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| 70429 | 42312 | 42717 | 97011 | 07168 | 42300 | 64826 | 0**58 | 12733 | |
| 70430 | 40612 | 025 | 99000 | 08165 | 00900 | 14826 | | | 2 493 |
| 70438 | 43112 | 82627 | 98022 | 05161 | 6432 | 55806 | | | 21146 |
| 70440 | 41012 | 42912 | 80031 | 05763 | 36550 | 00604 | 05757 | 12634 | 604 |
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| 70400 | 35412 | 82518 | 98512 | 16362 | 874 | 26706 | 0**58 | 12732 | 1 403 |
| 70425 | 39612 | 41809 | 98011 | 08566 | 45500 | 25822 | 0**54 | 11822 | 11172 |
| 70449 | 35912 | 91616 | 96515 | 06159 | 9 0 | 15820 | 0**56 | 116** | 1 621 |
| 70458 | 31112 | 93205 | 98032 | 60 | | 98 | | | |
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| 70469 | 32112 | 83603 | 99022 | 08655 | 8065 | 56612 | | | 1 844 |
| 70474 | 33012 | 81005 | 97022 | 06254 | 4847 | 66514 | 0**52 | 14964 | |
| 70400 | 25512 | 73416 | 98031 | 10864 | 73815 | 28820 | | | |
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| 70447 | 26112 | 73508 | 98021 | 28158 | 71546 | 55906 | | 12131 | 35526 |
| 70458 | 27512 | 83603 | 96031 | 9019 | 2748 | 16620 | | | 15103 |
| 70469 | 28312 | 83608 | 98022 | 08061 | 8142 | 14810 | 003** | 149*2 | |
| 70486 | 20912 | 81215 | 98052 | 05861 | 874 | 25809 | 0**54 | 14933 | |
| 70488 | 20312 | 80818 | 97022 | 56 | 854 | 806 | 0**59 | 11231 | 1 285 |
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| 70450 | 16012 | 81916 | 96205 | 06417 | 872 | 66918 | | | 1 12 |
| 70479 | 14012 | 81318 | 97252 | 12254 | 9 | 00702 | 0**14 | 11534 | |
| 70499 | 12712 | 61812 | 98021 | 13958 | 00909 | 25801 | | | |
| 70409 | 09712 | 40902 | 98031 | 13117 | | 66814 | 0**56 | 11820 | 11544 |
| 70419 | 09912 | 70905 | 98021 | 13063 | 44731 | 13601 | 00356 | | |
| 70463 | 08412 | 70000 | 50058 | 16058 | 5551 | 85880 | 00151 | | |

| LOCATION OF SHIP AND TIME OF OBSERVATION | | TOT. CLD. AMT. AND WIND | VIS. AND WEATHER | PRESSURE AND TEMP | CLOUDS | SHIP SPEED AND PRESS. CHANGE | TEMP | WAVES | SHIP NUMBER |
|---|---|---|---|---|---|---|---|---|---|
| YQLaLaLa | LoLoLoGG | Nddff | VVwwW | PPPTT | NhCLhCMCH | DsVsapp | OTsTsTdTd | IdwdwPwHw | |
| 70479 | 05612 | 00110 | 96020 | 16712 | 00900 | 15809 | | 100*0 | 1 673 |
| 70497 | 05612 | 43405 | 97060 | 14958 | 00930 | 26807 | | 10020 | |
| 70303 | 71012 | 20506 | 99020 | 18374 | 22500 | 46300 | | | |
| 70304 | 78212 | 53112 | 98190 | 20377 | 53500 | 14310 | | | 2 459 |
| 70307 | 77012 | 23606 | 97050 | 21088 | 21700 | 55310 | 0**85 | 1**23 | 15701 |
| 70322 | 70712 | 20910 | 97000 | 19073 | 21500 | 36418 | | 10921 | 11183 |
| 70328 | 77112 | 00010 | 98000 | 20078 | 00900 | 15301 | 0**71 | | 25237 |
| 70333 | 71312 | 23405 | 99020 | 21072 | 22730 | 07631 | | | 1 558 |
| 70335 | 75812 | 10905 | 82051 | | | | | | |
| 70339 | 76012 | 0000 | 98 | 20776 | | 26304 | | 10950 | |
| 70341 | 74112 | 00203 | 98020 | 21373 | 00900 | 86110 | | | 2 60 |
| 70358 | 73912 | 32310 | 98034 | 19674 | 31500 | 46112 | | | 11324 |
| 70360 | 70012 | 02702 | 80021 | 20572 | 00900 | 00111 | 05163 | 10521 | 808 |
| 70360 | 70512 | 00000 | 99020 | 19375 | 00900 | 83308 | | | |
| 70388 | 72812 | 72110 | 97022 | 16365 | 44310 | 46300 | | | |
| 70388 | 73812 | 72110 | 97022 | 16365 | 64310 | 46300 | | 120*2 | 1 67 |
| 70300 | 61812 | 61109 | 98011 | 18075 | 64761 | 16316 | | | |
| 70310 | 63412 | 71108 | 99012 | 19376 | 11650 | 65310 | 0**73 | 11122 | 26896 |
| 70325 | 66312 | 70509 | 98031 | 19877 | 77400 | 13302 | | 14622 | 27634 |
| 70330 | 68912 | 00910 | 98020 | 20372 | 00900 | 66310 | 0**64 | 10822 | 17623 |
| 70370 | 68112 | 42705 | 98030 | 21070 | 42400 | 86310 | 05162 | | |
| 70386 | 60512 | 32104 | 99011 | 20073 | 11309 | 25306 | 0**61 | 12120 | 2 271 |
| 70393 | 62012 | 52215 | 99021 | 20071 | 54500 | 26202 | | | 1 682 |
| 70395 | 61312 | 12605 | 98010 | 16769 | 11600 | 63316 | 05969 | 126** | |
| 70380 | 54612 | 62915 | 98031 | 19369 | 24452 | 66310 | | | 1 910 |
| 70384 | 54612 | 62915 | 98031 | 19369 | 24452 | 66310 | | | |
| 70309 | 46112 | 73403 | 98030 | 23473 | 73400 | 75000 | 0**64 | 13411 | 1 774 |
| 70315 | 49312 | 51502 | 98031 | 23273 | 42540 | 15110 | 05167 | | |
| 70339 | 41512 | 72707 | 99031 | 21670 | 00950 | 15604 | 05460 | 12721 | |
| 70343 | 45712 | 42514 | 99021 | 22073 | 48600 | 65300 | 0**62 | 12543 | 2 175 |
| 70350 | 48012 | 62515 | 80022 | 20671 | 15504 | 00302 | 05166 | 12533 | 1405 |
| 70363 | 43512 | 62309 | 99031 | 19075 | 00919 | 14820 | 00464 | 12432 | |
| 70381 | 44612 | 72608 | 98011 | 15772 | 21457 | 26602 | 0**64 | 12433 | |
| 70399 | 49212 | 73610 | 97012 | 16661 | 54363 | 26300 | | | 11042 |
| 70326 | 33912 | 83209 | 99022 | 19168 | 6856 | 55315 | 0**62 | 13432 | 27073 |
| 70360 | 37712 | 72910 | 98031 | 16368 | 76040 | 66312 | 0**60 | | |
| 70363 | 39612 | 52709 | 98031 | 18366 | 00950 | 14605 | 05260 | | |
| 70366 | 30312 | 73009 | 98032 | 15865 | 75500 | 112 | 05157 | 13231 | |
| 70378 | 38012 | 82415 | 98022 | 16665 | 8466 | 66800 | | 12544 | 1 58 |
| 70389 | 33012 | 82710 | 98505 | 14164 | 875 | 15605 | 05261 | 13443 | |
| 70393 | 38212 | 81416 | 97026 | 15220 | 874 | 14920 | 002** | 11422 | |
| 70340 | 21112 | 43206 | 99016 | 1 971 | 42412 | | | | |
| 70315 | 13212 | 31809 | 980 | 24478 | 55810 | | | | |
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| 70366 | 13512 | 21617 | 98021 | 08568 | 00982 | 26310 | 0**58 | 11633 | 1 290 |
| 70371 | 12612 | 99031 | 10964 | 44 52 | 44805 | 00259 | | | |
| 70395 | 12212 | 81305 | 97031 | 10861 | 21630 | 57801 | 05160 | 11322 | |
| 70358 | 06212 | 10513 | 98010 | 11967 | | | | | 35534 |
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| 70215 | 85012 | 70515 | 98022 | 13280 | 00912 | 35610 | 0**76 | 10532 | 1 696 |
| 70219 | 86812 | 41015 | 99020 | 15282 | 47602 | 7530 | | 11032 | 26914 |
| 70230 | 84712 | 60710 | 98011 | 15280 | 11512 | 16106 | 0**77 | | 2 433 |
| 70238 | 85812 | 60907 | 98032 | 16981 | 31452 | 34102 | | | 2 45 |
| 70243 | 83712 | 50916 | 98031 | 17680 | 58503 | 25302 | | 10933 | 17713 |
| 70243 | 86412 | 70910 | 99021 | 16677 | 29987 | 34302 | | 10721 | 27534 |
| 70244 | 81912 | 30916 | 99201 | 16379 | 32500 | 25302 | | 10722 | 27235 |
| 70250 | 84212 | 41115 | 98031 | 16679 | 22410 | 35606 | | 11122 | |
| 70251 | 80012 | 30508 | 99021 | 12579 | 32400 | 86300 | | 10532 | |
| 70251 | 84612 | 31014 | 97021 | 17381 | 31400 | 35310 | 0**74 | 10932 | |
| 70252 | 84412 | 50512 | 96031 | 16980 | 24317 | 35632 | | 10546 | 27595 |
| 70252 | 86512 | 70810 | 99021 | 15282 | 11408 | 66210 | | 11321 | 11061 |
| 70254 | 84212 | 20914 | 98020 | 14975 | 28400 | 75303 | | 109** | |
| 70254 | 86412 | 21014 | 98020 | 17680 | 21500 | 46307 | 0**70 | 11122 | 36644 |
| 70262 | 86512 | 51215 | 99020 | 17382 | 51400 | 76312 | 0**71 | 10942 | 27103 |
| 70262 | 89912 | 40916 | 98021 | 15681 | 42300 | 66302 | | 10921 | 11090 |
| 70263 | 84712 | 61312 | 98021 | 18675 | 62500 | 35310 | | 11322 | 2 372 |
| 70263 | 85912 | 11110 | 98011 | 16981 | 11400 | 33610 | | | 2 568 |
| 70264 | 85312 | 31013 | 98150 | 17377 | 33300 | 35312 | 0**73 | 11021 | |
| 70268 | 89012 | 51311 | 98031 | 15681 | 32466 | 35402 | 0**75 | 11332 | 26706 |
| 70273 | 86512 | 00710 | 98020 | 17684 | 00900 | 74300 | 0**78 | 10722 | 27585 |
| 70276 | 87612 | 11311 | 95000 | 17376 | 11500 | 36302 | | | |
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| 70282 | 87812 | 01113 | 98020 | 14679 | 00000 | 36004 | 00169 | 11131 | |
| 70200 | 74012 | 10702 | 99020 | 15679 | 11440 | 44300 | 0**72 | 10932 | 2 173 |
| 70203 | 71512 | 30813 | 82011 | 11978 | 32570 | | | | |
| 70210 | 74412 | 30706 | 99021 | 14681 | 32500 | 26306 | 0**71 | 10782 | 2 169 |
| 70212 | 74112 | 40412 | 99011 | 14981 | 41400 | 85301 | 0**77 | 10411 | 2 141 |
| 70232 | 74412 | 10515 | 98020 | 15678 | | 45302 | | | 35340 |
| 70239 | 72512 | 30912 | 68031 | 16672 | 23490 | 34306 | | 10932 | 17617 |
| 70240 | 74912 | 40711 | 98021 | 15278 | 22530 | 76312 | | 10322 | |
| 70253 | 74712 | 10606 | 97010 | 15279 | 16400 | 86310 | | | 1 141 |
| 70254 | 79812 | 00716 | 98020 | 15280 | 00900 | 55312 | 0**72 | 10723 | |
| 70256 | 79912 | 00513 | 98010 | 21778 | 00000 | | | | |
| 70260 | 79812 | 30816 | 98032 | 17379 | 31400 | 87326 | 0**72 | 10832 | 1 762 |
| 70271 | 79312 | 00714 | 99000 | 20075 | 00900 | 55300 | | | 35485 |
| 70272 | 70012 | 60510 | 98021 | 15977 | 31431 | 85300 | | 10532 | 16378 |
| 70272 | 79312 | 23610 | 98020 | 19374 | 11200 | 46003 | | | 17211 |
| 70276 | 79112 | 20907 | 98020 | 19676 | 21400 | 55310 | 0**67 | 10920 | 27061 |
| 70280 | 74512 | 33603 | 99021 | 18376 | 21410 | 44308 | 0**67 | | 1 99 |
| 70283 | 74312 | 20711 | 98021 | 32273 | 11701 | 85006 | 0**69 | 10711 | 16215 |
| 70287 | 74212 | 00105 | 99011 | 18673 | 00900 | 46304 | | | 1 1 |
| 70287 | 78512 | 32305 | 98021 | 18378 | 31400 | 55316 | 0**69 | 13631 | 27044 |
| 70291 | 72912 | 81011 | 00516 | 18575 | 00000 | | | | |
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| 70296 | 77912 | 10118 | 98011 | 10274 | 01068 | 15106 | | | |
| 70208 | 63312 | 71410 | 98032 | 15680 | 44530 | 45106 | 0**73 | 11422 | |
| 70226 | 68512 | 30707 | 98012 | 14278 | 32410 | 45300 | | 10931 | |
| 70233 | 63512 | 81405 | 97642 | 16578 | 875 | 54310 | 05175 | 114*0 | |
| 70251 | 60712 | 61312 | 97158 | 17178 | 29452 | 15314 | 0**70 | 11333 | |
| 70262 | 67112 | 81810 | 98031 | 18073 | 62282 | 45620 | 0**67 | 12032 | 26703 |
| 70275 | 69112 | 13610 | 98020 | 15275 | 12500 | 76306 | | | |
| 70281 | 68272 | 20407 | 99012 | 18074 | 21500 | | | | |
| 70290 | 69612 | 30503 | 98011 | 18672 | 31400 | 86103 | 0**69 | 10522 | 1 498 |
| 70293 | 65412 | 81306 | 97808 | 14822 | 834 | 56305 | 051** | 11931 | |
| 70296 | 63512 | 71615 | 98022 | 18376 | 33520 | 66310 | 0**70 | 11621 | 2 147 |
| 70213 | 55812 | 31113 | 98011 | 19380 | 32402 | 76318 | | | 1 221 |
| 70215 | 50512 | 41408 | 96001 | 20025 | 44300 | 64307 | | | |
| 70216 | 51712 | 40909 | 98021 | 20379 | 41700 | 55106 | 00070 | 149** | |
| 70231 | 57812 | 31413 | 98086 | 19379 | 02500 | 55302 | | | 27521 |
| 70251 | 49412 | 11408 | 99020 | 22474 | 12500 | 66110 | | 11430 | 1 443 |
| 70263 | 33412 | 80109 | 99012 | 19074 | 85600 | 14300 | 05263 | 10159 | |
| 70294 | 36512 | 70605 | 99021 | 21072 | 00920 | 15305 | 00052 | 106*0 | |
| 70111 | 87112 | 70713 | 98030 | 10281 | 14 34 | 23402 | | | 35042 |
| 70112 | 80612 | 60516 | 98038 | 11982 | 24378 | 84302 | 0**75 | 10532 | 2 428 |
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| 70133 | 68012 | 80915 | 99020 | 13584 | 60967 | 75312 | 0**81 | 10921 | 2 318 |
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| 70144 | 66312 | 51409 | 98031 | 14684 | 42221 | 75306 | | 11433 | |
| 70171 | 68112 | 60802 | 98188 | 13579 | 64462 | 46301 | 0**76 | 10821 | 11191 |
| 70190 | 68312 | 20522 | 99012 | 13278 | 15655 | 44208 | | 11333 | |
| 70194 | 62512 | 51009 | 99016 | 15879 | 52 81 | 55300 | 05173 | 110*2 | |
| 70140 | 38812 | 60916 | 99032 | 19377 | 51531 | 36304 | | | 3 619 |
| 70140 | 38812 | 60914 | 99032 | 19377 | 71531 | 36304 | | | |
| 70083 | 85612 | 32004 | 98020 | 09979 | 22831 | 36402 | | 12021 | |
| 70085 | 84612 | 72303 | 98054 | 10880 | 26217 | 74310 | | 12332 | 1 502 |
| 70066 | 11712 | 72408 | 98022 | 12283 | 74367 | 65810 | | 12342 | |
| 70086 | 17312 | 93210 | 99022 | 14279 | 945 | 65301 | 0**75 | | 2 279 |
| 71516 | 75212 | 83522 | 97052 | 24441 | 86 | 65308 | | | 35523 |
| 71501 | 68812 | 30220 | 97012 | 15341 | 35660 | 64323 | | | |
| 71532 | 55212 | 81410 | 97025 | 12546 | 834 | 76818 | 0**42 | 11432 | 3 54 |
| 71500 | 45012 | 91913 | 92475 | 27346 | 9 0 | 00314 | 00246 | 11*** | |
| 71458 | 72212 | 80020 | 95602 | 19045 | 87300 | 74530 | | | |
| 71408 | 64312 | 52908 | 97012 | 11047 | 46410 | | | | |
| 71407 | 61912 | 52416 | 98030 | 18672 | 31640 | 66610 | 0**61 | 12444 | 1 923 |
| 71457 | 60812 | 62016 | 98012 | 02746 | 64200 | 26306 | 0**44 | 12083 | 35663 |
| 71468 | 61512 | 61522 | 99021 | 01747 | 65500 | 26318 | 0**45 | 11523 | 2 299 |
| 71446 | 54012 | 81824 | 022 | 15053 | 864 | 25320 | | 11443 | 35686 |
| 71447 | 54012 | 81824 | 95022 | 15053 | 86400 | | | | |
| 71459 | 52512 | 91619 | 96106 | 15251 | 9 0 | 26310 | 0**51 | 11623 | 2 299 |
| 71473 | 56412 | 91612 | 93472 | 11047 | 9 0 | 25310 | | 11645 | 11096 |
| 71437 | 47612 | 60706 | 98021 | 35655 | 65400 | 76802 | | | |
| 71441 | 42212 | 61507 | 98021 | 33555 | 00940 | 16103 | 0**53 | 100*2 | 37347 |
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| 71421 | 32512 | 03608 | 98020 | 36953 | 00900 | 56300 | | | 3 46 |
| 71437 | 37612 | 60706 | 98021 | 35655 | 65400 | 76802 | 0**51 | 10443 | 3 158 |
| 71404 | 24512 | 10218 | 98011 | 21050 | 11200 | 10235 | | | |
| 71428 | 24612 | 63618 | 98022 | 22749 | 21410 | | | | |
| 71462 | 24212 | 62915 | 98031 | 21752 | 653 | 00602 | | | |
| 71485 | 24912 | 03205 | 98000 | 26854 | 00900 | 00302 | 006** | 12722 | |
| 71349 | 71512 | 92815 | 98022 | 18358 | 93400 | 24300 | | | |
| 71326 | 53112 | 10810 | 98020 | 20776 | 15500 | | | | |
| 71388 | 52512 | 81408 | 96521 | 12606 | 86500 | 74820 | | | |
| 71303 | 42112 | 10910 | 99011 | 26865 | 11500 | 56812 | 0**57 | | 36113 |
| 71330 | 35012 | 80712 | 80022 | 27459 | 855 | 00611 | 05151 | 149** | 5620 |
| 71335 | 35212 | 89513 | 98022 | 27151 | 85699 | 56805 | 05255 | 10500 | |
| 71359 | 36212 | 80616 | 98022 | 30557 | 874 | 66802 | 0**50 | 10532 | 3 323 |
| 71369 | 33512 | 80418 | 97022 | 23650 | | | | | |
| 71376 | 31712 | 70215 | 99022 | 30855 | 75600 | 65302 | 0**51 | 10126 | 3 259 |
| 71379 | 37912 | 80505 | 98022 | 32952 | 8 | 76302 | 0**44 | | 37397 |
| 71396 | 36812 | 60908 | 98051 | 33255 | 65356 | 67303 | 0**48 | 10543 | 1 818 |
| 71343 | 25112 | 03115 | 98020 | 57 | 00900 | 55802 | 0**54 | 13122 | 35339 |
| 71343 | 26212 | 13618 | 90012 | 21357 | | | | | |
| 71345 | 24512 | 03510 | 98001 | 20055 | 00900 | 25830 | | | |
| 71377 | 22712 | 03209 | 98020 | 17351 | 00000 | 13233 | | | |
| 71380 | 25512 | 13424 | 97031 | 20752 | 14300 | 66310 | 0**48 | | 1 937 |
| 71384 | 24312 | 83585 | 98031 | 17650 | 854 | 75312 | | | 3 171 |
| 71399 | 27112 | 33620 | 98021 | 23758 | 38500 | 75310 | 0**51 | 13625 | 35674 |
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| 71271 | 90412 | 41312 | 98021 | 17027 | 21050 | 35303 | 003** | 11323 | |
| 71276 | 95912 | 31216 | 98031 | 13281 | 32401 | 26408 | | 11231 | |
| 71278 | 91112 | 51418 | 98051 | 16379 | 32615 | 25314 | | 11432 | 27030 |
| 71284 | 90512 | 31810 | 98031 | 15986 | 34500 | 75808 | 0**75 | 11822 | |
| 71284 | 91012 | 41406 | 98020 | 17378 | 26240 | 34306 | | 11422 | 27032 |
| 71285 | 92912 | 31410 | 99031 | 15981 | 22501 | 75300 | | 11422 | 27662 |
| 71288 | 93312 | 11402 | 98021 | 15677 | 11400 | 64300 | | | 1 900 |
| 71294 | 92512 | 31611 | 98030 | 16379 | 33500 | 00302 | | 116*2 | |
| 71200 | 79112 | 20907 | 98020 | 19676 | 21400 | 55310 | | | |
| 71277 | 71312 | 20204 | 98020 | 19670 | 21400 | 26810 | | | |
| 71287 | 74012 | 50710 | 98031 | 19370 | 44560 | 26106 | 0**68 | 10633 | 35491 |
| 71293 | 76612 | 80599 | 90310 | 10708 | 85 2 | 53020 | 0**40 | 15211 | 35176 |
| 71213 | 60412 | 30907 | 99031 | 15677 | 31400 | | | | |
| 71299 | 62612 | 22307 | 98011 | 17770 | | 65803 | | | 35303 |
| 71223 | 56012 | 00710 | 98022 | 18375 | 00900 | 308 | 0**68 | 10721 | 37317 |
| 71235 | 53812 | 31408 | 98160 | 17373 | 34400 | 53300 | 0**70 | 11432 | 3 568 |
| 71249 | 48512 | 41209 | 81012 | 21771 | 41610 | | | | |
| 71277 | 41312 | 20204 | 98020 | 19670 | 21400 | 26810 | 0**62 | 10222 | 3 302 |
| 71280 | 45012 | 81018 | 81022 | 22468 | 6457 | 00912 | 05562 | 149** | 5321 |
| 71284 | 46812 | 70916 | 98038 | 22767 | 73400 | 16300 | | 109*3 | 36105 |
| 71204 | 39612 | 80710 | 98258 | 17373 | 75417 | 65306 | 0**69 | 10755 | 27124 |
| 71283 | 37312 | 20914 | 98022 | 23766 | 21400 | 64802 | 0**61 | | 1 731 |
| 71231 | 10412 | 33210 | 98021 | 08065 | 30610 | 75705 | | | |
| 71237 | 14012 | 83015 | 98032 | 11561 | 85300 | 36610 | 00158 | 13043 | |
| 71254 | 14912 | 03020 | 98020 | 13563 | 00900 | 36810 | | | 35533 |
| 71257 | 14012 | 83015 | 98032 | 11561 | 853 | 36610 | 0**58 | 13043 | 3 359 |
| 71275 | 14812 | 02903 | 9710 | 11962 | 00900 | 33 | | 12942 | 35046 |
| 71200 | 07212 | 82310 | 98022 | 08572 | 844 | 36304 | 0**68 | 12322 | 2 392 |
| 71215 | 08712 | 82909 | 98031 | 09571 | 812 | 75404 | 0**68 | 12922 | 3 396 |
| 71225 | 09512 | 02909 | 98000 | 094 | 00900 | 75300 | 0**65 | 12921 | |
| 71130 | 91912 | 2 04 | 99010 | 11981 | 00930 | 74102 | | 1**21 | |
| 71130 | 94112 | 82901 | 98031 | 11581 | 1247 | 76302 | | | 1 268 |
| 71139 | 93712 | 72506 | 98032 | 11281 | | 76310 | 0**77 | 12563 | 37341 |
| 71145 | 97112 | 82504 | 97502 | 11582 | 874 | 74810 | | | 35684 |
| 71153 | 98012 | 80907 | 98165 | 11978 | 8.43 | 66310 | 0**75 | 12733 | 37604 |
| 71158 | 98212 | 60313 | 96022 | 11978 | | | | | 35059 |
| 71163 | 99212 | 80305 | 97158 | 11578 | 7146 | | | | 35076 |
| 71181 | 67812 | 30818 | 98061 | 16677 | 32500 | 310 | | 10845 | 3 57 |
| 71181 | 68012 | 50914 | 99021 | 13976 | 52610 | 25810 | 0**74 | 10923 | 3 463 |
| 71112 | 41012 | 21008 | 98012 | 10583 | 22400 | 000 | 0**76 | 11021 | 37218 |
| 71198 | 32512 | 80815 | 98022 | 18070 | 854 | 26204 | | | 36650 |
| 71190 | 27212 | 30212 | 98012 | 15970 | 34400 | 24720 | 0**62 | 10264 | 26956 |
| 71169 | 14812 | 30000 | 98012 | 13572 | 34520 | 26817 | 0**63 | | 1 611 |
| 71139 | 05712 | 43611 | 98030 | 12582 | 44240 | 66302 | 0**74 | 13223 | 1 629 |
| 71174 | 01812 | 81403 | 98162 | 10276 | 33227 | 76801 | | | 2 455 |

| LOCATION OF SHIP AND TIME OF OBSERVATION | | TOT. CLD. AMT. AND WIND | VIS. AND WEATHER | PRESSURE AND TEMP | CLOUDS | SHIP SPEED AND PRESS. CHANGE | TEMP | WAVES | SHIP NUMBER |
|---|---|---|---|---|---|---|---|---|---|
| YQLaLaLa | LoLoLoGG | Nddff | VVwwW | PPPTT | NhCLhCMCH | DsVsapp | OTsTsTdTd | IdwdwPwHw | |
| 71070 | 74112 | 60413 | 82022 | 18178 | 64700 | | | | |
| 72505 | 67412 | 00227 | 98002 | 10246 | 00900 | 24403 | 0**32 | 10244 | 37362 |
| 72402 | 47312 | 02006 | 98050 | 20060 | 00900 | 55128 | | | 27183 |
| 72469 | 62612 | 91715 | 96474 | 24745 | 9 0 | 55603 | 0**38 | 11853 | |
| 72480 | 62012 | 81714 | 09424 | 22841 | 862 | 00310 | 00240 | 11633 | 5418 |
| 72491 | 78112 | 80109 | 98022 | 27841 | 854 | 26808 | | 10133 | 3 50 |
| 72311 | 22812 | 41613 | 82012 | 10571 | 36430 | 23310 | | | |
| 72315 | 35012 | 11104 | 98040 | 16174 | 30906 | | 07365 | | |
| 72322 | 33612 | 20502 | 98020 | 16275 | 14409 | 13320 | 00063 | | |
| 72337 | 38112 | 10707 | 68020 | 16370 | 00980 | 24306 | 0**69 | 10721 | 3 357 |
| 72332 | 49712 | 32505 | 48022 | 18371 | 35500 | 64302 | 05968 | 12333 | |
| 72348 | 45312 | 12206 | 98010 | 17371 | 00908 | 120 | | | 3 634 |
| 72356 | 41712 | 10810 | 98020 | 18672 | 15500 | 19320 | 00264 | | |
| 72375 | 45512 | 21505 | 97020 | 16670 | 20903 | | | | |
| 72391 | 48812 | 00000 | 97010 | 19862 | 00900 | 15702 | | | 35683 |
| 72372 | 57212 | 60206 | 98032 | 21767 | 62400 | 26424 | | 10232 | 3 154 |
| 72374 | 55912 | 00908 | 99051 | 21365 | 00900 | 53306 | | 10820 | 1 421 |
| 72375 | 55012 | 50000 | 80022 | 26064 | 34660 | | | | |
| 72376 | 56312 | 12404 | 98021 | 23065 | 11400 | 310 | 0**64 | 12421 | 3 382 |
| 72386 | 52312 | 81415 | 05505 | 19964 | 863 | 14327 | 06464 | 12442 | |
| 72391 | 52812 | 80810 | 50616 | 20763 | 6752 | 00323 | 06363 | 12243 | |
| 72398 | 56212 | 91403 | 92282 | 21760 | 9 0 | 26322 | 0**60 | | 16391 |
| 72310 | 64012 | 81607 | 64032 | 13974 | 855 | 00200 | 00072 | 11732 | |
| 72374 | 71512 | 9 | 91494 | 24762 | 9 0 | 27111 | 0**62 | 11021 | 3 469 |
| 72219 | 19412 | 30605 | 98021 | 10881 | 00970 | | 00174 | 10820 | |
| 72261 | 15012 | 03217 | 99000 | 14561 | 00900 | 348 | | 132*1 | 26925 |
| 72200 | 26612 | 11806 | 80021 | 12082 | 11600 | | | | |
| 72205 | 21612 | 51805 | 98151 | 11582 | 32570 | 16220 | | 118** | 2 31 |
| 72253 | 21212 | 62213 | 83020 | 10279 | 3456 | 55300 | | | |
| 72263 | 29112 | 70908 | 98026 | 13973 | 47610 | 55302 | | 10933 | 17702 |
| 72268 | 29512 | 81510 | 95606 | 13077 | 58500 | | | | |
| 72283 | 28812 | 10905 | 96102 | 14576 | 25500 | | | | |
| 72213 | 31312 | 11304 | 99010 | 16578 | | 66302 | | 1*00* | |
| 72213 | 31512 | 11304 | 99010 | 16578 | | 66302 | | 100** | |
| 72247 | 33412 | 60403 | 97022 | 13377 | 56650 | | 07877 | | |
| 72290 | 35012 | 71203 | 82022 | 15874 | 11577 | 00312 | 07668 | 12431 | |
| 72229 | 43612 | 00508 | 98010 | 15278 | 00900 | 15114 | 0**72 | 10522 | 27219 |
| 72253 | 43212 | 40707 | 96021 | 14074 | 4472 | | | | |
| 72209 | 53812 | 60708 | 98161 | 17675 | 63400 | 14300 | 0**66 | 10722 | 3 189 |
| 72262 | 57312 | 83002 | 97142 | 14078 | 3345 | 24310 | | | |
| 72213 | 66312 | 60913 | 98021 | 14680 | 62521 | | | | |
| 72275 | 64312 | 81812 | 95656 | 92675 | 87500 | | | | |
| 72281 | 61812 | 43007 | 97012 | 16372 | 41200 | 66305 | 0**66 | | 3 159 |
| 72298 | 61612 | 22607 | 98011 | 14670 | 24300 | 56005 | 0**66 | 12743 | 3 341 |
| 72236 | 74412 | 41013 | 99012 | 15280 | 42700 | 16306 | | | |
| 72208 | 91112 | 21302 | 98020 | 97987 | 22611 | 55010 | | 122** | |
| 72123 | 15212 | 40608 | 99151 | 07187 | 32602 | 56308 | 0**82 | 106*0 | 3 325 |
| 72124 | 11312 | 21605 | 99020 | 07086 | 11 01 | 45310 | | | |
| 72127 | 11612 | 20809 | 98011 | 07684 | 11401 | 54403 | 05077 | 11021 | |
| 72144 | 14412 | 40606 | 09022 | 10086 | 42481 | | | | |
| 72162 | 13312 | 70150 | 99022 | 10783 | | | | | |
| 72170 | 18412 | 30308 | 97021 | 09086 | 35506 | 08278 | | | |
| 72183 | 18812 | 70012 | 98022 | 09183 | 55641 | | | | |
| 72178 | 24312 | 20106 | 97021 | 09183 | 21510 | | | | |
| 72187 | 20312 | 20905 | 97021 | 11080 | 217 | | | | |
| 72188 | 22612 | 01110 | 98020 | | 00900 | 261 | 0**77 | 10832 | |
| 72132 | 44212 | 20803 | 99021 | 10282 | 21600 | | | | |
| 72111 | 51712 | 30913 | 80001 | 08881 | 22530 | | | | |
| 72122 | 50512 | 60912 | 97251 | 17680 | 61400 | | | | |
| 72132 | 79312 | 70615 | 98021 | | | | | | |
| 72176 | 75312 | 20915 | 98020 | 13282 | 11643 | 15300 | | 10922 | 2 335 |
| 72026 | 04912 | 32102 | 99020 | 07084 | 14 3 | 23510 | 05380 | | |
| 72064 | 07712 | 63602 | 82151 | 06285 | 43502 | 15318 | 05377 | | |
| 72077 | 17712 | 60913 | 72032 | 75681 | 61420 | | | | |
| 72012 | 35512 | 60809 | 98031 | | | | | | |
| 72045 | 53512 | 20905 | 98011 | 09580 | | | | | |
| 72072 | 56612 | 90912 | 97136 | | | | | | |
| 72060 | 92212 | 22522 | 98012 | 97384 | 24500 | 65310 | | 12534 | 11021 |
| 73711 | 28712 | 81405 | 97502 | 08705 | | | | | |
| 73712 | 28712 | 81209 | 97022 | 09505 | | | | | |
| 73718 | 27512 | 80713 | 98258 | 09404 | | | | | |
| 73722 | 27512 | 80913 | 97026 | 08105 | | | | | |
| 73726 | 25512 | 80909 | 98022 | 10204 | | | | | |
| 73735 | 23012 | 71602 | 97021 | 13208 | | | | | |
| 73628 | 05612 | 83305 | 98021 | 21006 | | | | | |
| 73595 | 02512 | 40215 | 98020 | 16808 | | | | | |
| 73463 | 08412 | 70000 | 50052 | 16058 | 5551 | 85820 | 00151 | | |
| 73235 | 60212 | 61605 | 99020 | 99386 | 00909 | 14608 | | 116*1 | |
| 73146 | 53912 | 82012 | 80022 | 00486 | 85600 | 69820 | | | |
| 73100 | 68512 | 42820 | 98011 | 06188 | 23392 | 66202 | 0**82 | 12727 | 26985 |
| 73112 | 69512 | 42724 | 98021 | 05687 | 31508 | 73302 | | 11334 | |
| 73108 | 74212 | 72411 | 97505 | 04086 | 0092 | 23513 | | 12322 | |
| 73197 | 86612 | 20712 | 99020 | 97086 | 18770 | 14622 | | 12022 | |
| 73062 | 78612 | 52517 | 98251 | 031 | 12472 | 64611 | | | |
| 73083 | 76412 | 62822 | 97011 | 04086 | 4247 | 77405 | | 12726 | |
| 73025 | 82312 | 42615 | 98111 | 03685 | 31860 | 87803 | | | |
| 73038 | 84612 | 42615 | 98011 | 05885 | 21606 | 74305 | | 126*3 | |
| 73058 | 80812 | 52515 | 97021 | 02784 | 51551 | 65810 | | 12554 | 3 478 |
| 73058 | 86812 | 72318 | 99021 | 03484 | 61609 | 258 | | 12343 | |
| 73059 | 81612 | 42618 | 99021 | 05485 | 29462 | 26510 | | | 37117 |
| 73062 | 87612 | 52517 | 98211 | 03190 | 12472 | 64611 | | 12624 | |

June 3 1951

| LOCATION OF SHIP AND TIME OF OBSERVATION | | TOT. CLD. AMT. AND WIND | VIS. AND WEATHER | PRESSURE AND TEMP | CLOUDS | SHIP SPEED AND PRESS. CHANGE | TEMP | WAVES | SHIP NUMBER |
|---|---|---|---|---|---|---|---|---|---|
| 10637 | 21512 | 12005 | 98011 | 17709 | 18605 | 00701 | 05205 | 149*1 | |
| 10663 | 25812 | 50505 | 97022 | 21805 | | | | | |
| 10615 | 07312 | 81105 | 98022 | 17810 | | | | | |
| 10565 | 51012 | 80828 | 64616 | 01242 | 6742 | 00314 | 00240 | 10946 | 3202 |
| 10529 | 45912 | 61030 | 96632 | 91746 | 8722 | 24112 | 05544 | 11048 | |
| 10552 | 45812 | 80724 | 96411 | 00442 | 863 | 15421 | | | |
| 10599 | 45912 | 81026 | 46602 | 93545 | 872 | 66843 | 00145 | 11135 | 1300 |
| 10501 | 38712 | 61610 | 99022 | 95954 | 64300 | 68832 | | | 1 21 |
| 10529 | 35712 | 80813 | 64031 | 02150 | 855 | 00810 | 00248 | 10822 | 1003 |
| 10540 | 38512 | 50910 | 98014 | 04453 | 51300 | 56809 | | | |
| 10525 | 20012 | 71618 | 98212 | 01514 | 65442 | 41704 | 00112 | 12234 | |
| 10569 | 25112 | 80715 | 97022 | 07152 | 876 | 16500 | 0**52 | | 16303 |
| 10592 | 19012 | 10916 | 97021 | 13251 | 00901 | 00101 | 00047 | 11724 | |
| 10400 | 66812 | 5 810 | 97028 | 16724 | 40771 | 24106 | | | |
| 10401 | 67812 | 92109 | 56031 | 11569 | 96400 | | | | |
| 10402 | 62012 | 32715 | 98020 | 15972 | 34500 | 26300 | 0**39 | | 1 729 |
| 10403 | 64912 | 82716 | 97022 | 14968 | 8637 | 26303 | | | 1 844 |
| 10405 | 62012 | 12409 | 98020 | 15722 | 00008 | 26310 | 00219 | 12422 | |
| 10405 | 66912 | 80000 | 96024 | 151 | 862 | 26308 | | 149*2 | |
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| 10414 | 67512 | 83602 | 96022 | 15953 | 852 | 55212 | | | |
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| 10372 | 36012 | 72917 | 98022 | 12267 | 14760 | 15300 | 05160 | 12935 | |

SURFACE MARINE DATA

June 3 1951

| LOCATION OF SHIP AND TIME OF OBSERVATION (YQLaLaLa) | (LoLoLoGG) | TOT. CLD. AMT. AND WIND (Nddff) | VIS. AND WEATHER (VVwwW) | PRESSURE AND TEMP (PPPTT) | CLOUDS (NhCLhCMCH) | SHIP SPEED AND PRESS. CHANGE (DsVsapp) | TEMP (OTsTsTdTd) | WAVES (IdwdwPwHw) | SHIP NUMBER |
|---|---|---|---|---|---|---|---|---|---|
| 10373 | 36012 | 72917 | 98022 | 12267 | 14760 | 15300 | 05160 | 12935 | |
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| 10366 | 20412 | 82613 | 98802 | 11269 | 84500 | 65311 | | | |
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| 20231 | 74512 | 10605 | 98010 | 15678 | 11300 | 87316 | 0**69 | | 11218 |
| 20260 | 74012 | 20605 | 98020 | 17677 | 22600 | 46420 | 0**68 | 108*2 | 1 67 |
| 20265 | 79812 | 40805 | 98021 | 17375 | 11408 | 86210 | 0**68 | 10820 | |
| 20280 | 74212 | 00000 | 98000 | 16974 | 00900 | 86412 | | | 1 434 |
| 20290 | 70712 | 91813 | 99031 | 16379 | 57461 | 86410 | 0**72 | 11923 | 26706 |
| 20291 | 70712 | 43406 | 99011 | 18071 | 11541 | 46310 | | | 1 432 |
| 20293 | 78112 | 51610 | 98020 | 18675 | 50 40 | 36300 | | 11621 | 1 952 |
| 20296 | 74312 | 20003 | 98050 | 18075 | 11641 | 85316 | | 10921 | 2 335 |
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| 20200 | 68512 | 31305 | 98021 | 16680 | 12200 | 47310 | | | 11142 |
| 20210 | 60012 | 71211 | 98161 | 18881 | 52630 | 54305 | 00477 | 112*2 | |
| 20231 | 68212 | 41605 | 98012 | 17680 | 41400 | 74601 | | 116** | 16213 |
| 20234 | 62212 | 81110 | 97636 | 19024 | 894 | 15112 | | | |
| 20242 | 67912 | 31706 | 58011 | 10166 | 31400 | 108 | | | |
| 20252 | 69012 | 22304 | 99010 | 17379 | 21300 | 84306 | 0**70 | 12321 | 16212 |
| 20256 | 64412 | 11516 | 99012 | 19075 | 14600 | 66112 | | 11541 | 1 443 |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 20259 | 69912 | 32005 | 99021 | 16676 | 32700 | 86310 | 0**70 | 12022 | 1 270 |
| 20267 | 64112 | 10902 | 99010 | 16078 | 11300 | 85300 | 00277 | 109*1 | |
| 20266 | 51312 | 40000 | 98020 | 23580 | 9 9 | 14115 | | | |
| 20253 | 40312 | 21807 | 98011 | 18078 | 21210 | 85300 | | 11422 | |
| 20207 | 28712 | 81120 | 97168 | 88357 | 873 | 25603 | 0**57 | 11134 | |
| 20287 | 12712 | 81610 | 97022 | 18052 | 842 | 26320 | 0**52 | | 16303 |
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| 20121 | 87812 | 60602 | 98031 | 10881 | 29 30 | 00406 | | | 35042 |
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| 20177 | 87212 | 40615 | 98031 | 12583 | 31500 | 16026 | 0**79 | 10722 | 2 5 |
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| 20114 | 79012 | 60512 | 98031 | 11584 | | 56310 | | | 35340 |
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| 20169 | 79312 | 30715 | 98020 | 14284 | 32400 | 75314 | 0**81 | 10921 | 2 318 |
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| 20186 | 79412 | 50907 | 99021 | 14679 | 29988 | 34304 | | 10920 | 27534 |
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| 20150 | 63012 | 91120 | 97186 | 15280 | 922 | 45310 | 0**75 | 11824 | 26703 |
| 20173 | 68512 | 50910 | 99151 | 15282 | 22373 | 46210 | | 11442 | |
| 20182 | 65412 | 71214 | 81142 | 14685 | 11570 | 304 | | | |
| 20185 | 67512 | 30603 | 98011 | 16329 | | | | | |
| 20195 | 66312 | 51406 | 98031 | 16381 | 55370 | 36317 | | 11421 | 11183 |
| 20111 | 59112 | 41017 | 98032 | 15284 | 41360 | 35310 | | | 2 327 |
| 20105 | 36112 | 61528 | 98012 | 18075 | 67431 | 55302 | | | 11209 |
| 20127 | 33412 | 30620 | 98032 | 16379 | 32 00 | 76106 | | 10642 | 11053 |
| 20119 | 28512 | 20512 | 99001 | 17380 | 11330 | 65300 | | | 2 279 |
| 20085 | 70412 | 72812 | 98022 | 059 | 23472 | 64808 | | | |
| 20083 | 57012 | 81216 | 98256 | 14875 | 5236 | 33328 | | 10932 | 27522 |
| 20008 | 43512 | 31416 | 99031 | 13580 | 21701 | 77322 | 0**76 | 11422 | 2 218 |
| 20038 | 49212 | 50506 | 99016 | 12975 | 56320 | 77310 | | | 11044 |
| 20047 | 41612 | 91012 | 97256 | 14678 | 93300 | 77318 | | | |
| 20057 | 46612 | 50721 | 98021 | 13581 | 31340 | 36110 | | 10725 | 1 826 |
| 20056 | 28712 | 10608 | 99021 | 15982 | 11400 | 36314 | | | 3 619 |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 21514 | 76112 | 82910 | 97025 | 02771 | 872 | 56814 | 0**69 | 12931 | 3 54 |
| 21500 | 60912 | 01609 | 97000 | 11246 | 00900 | 26316 | | 11633 | 3 50 |
| 21574 | 69012 | 90503 | 93102 | 03437 | 9 0 | 15603 | | 11322 | 2 57 |
| W21500 | 45012 | 81613 | 98502 | 27148 | 86500 | 00803 | 00247 | 11*** | |
| 21514 | 40012 | 73309 | 97014 | 29147 | 64421 | 66304 | 0**47 | 13321 | 36799 |
| 21576 | 46112 | 82010 | 97025 | 24746 | 813 | 65 | | 120*5 | 3 107 |
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| 21406 | 73812 | 83112 | 97022 | 16048 | 764 | | | | |
| 21439 | 67612 | 82711 | 98034 | 07844 | 833 | 66402 | 0**43 | 12722 | 3 241 |
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| 21474 | 56112 | 91603 | 92451 | 19048 | 9 0 | 76805 | 0**48 | 12342 | 3 158 |
| 21403 | 41712 | 92705 | 97512 | 28856 | 9 0 | 66810 | 0**53 | 12720 | 1 937 |
| 21414 | 40012 | 73309 | 97014 | 29147 | 64421 | 66304 | | | |
| 21426 | 40812 | 20904 | 98020 | 27454 | 21200 | 36300 | | 10921 | 35663 |
| 21437 | 43712 | 81214 | 99012 | 28453 | 854 | 26308 | 0**51 | 11222 | 2 299 |
| 21445 | 40512 | 81005 | 98022 | 29555 | 4553 | 26612 | | 110*0 | 11096 |
| 21449 | 42712 | 13601 | 98020 | 29552 | 11500 | 76802 | 0**48 | 1**** | 35674 |
| 21406 | 34712 | 33509 | 98020 | 13449 | 00909 | 36607 | 00147 | | |
| 21423 | 39512 | 80000 | 95022 | 27857 | 8562 | 25300 | | 11400 | 35686 |
| 21430 | 33212 | 93420 | 98022 | 23459 | 9 0 | 26614 | 0**56 | 13432 | 3 125 |
| 21432 | 36612 | 43620 | 98021 | 27454 | 44500 | 75300 | | | 3 171 |
| 21490 | 30412 | 73425 | 97022 | 17750 | 75500 | 63307 | | | |
| 21428 | 24612 | 83609 | 98022 | 14951 | 584 | | | | |
| 21461 | 28512 | 80515 | | | | | | | |
| 21463 | 24212 | 82412 | 98032 | 10553 | 653 | | | | |
| 21483 | 24012 | 80000 | 97039 | 14954 | 854 | 15203 | 0**46 | | 37347 |
| 21485 | 24912 | 81609 | 98022 | 14655 | 84420 | 00702 | | | |
| 21302 | 62612 | 83608 | 68582 | 16363 | 875 | 25302 | 0**60 | 13651 | 35176 |
| 21378 | 68812 | 83224 | 98022 | 16354 | 843 | 27610 | 0**47 | 13244 | 3 469 |
| 21397 | 64012 | 72206 | 98022 | 07054 | 66520 | 74840 | | | |
| 21317 | 58712 | 72307 | 97032 | 15669 | 273 | 64605 | | | |
| 21354 | 51212 | 11925 | 98011 | 21065 | 10000 | 66401 | 0**61 | 11743 | 3 323 |
| 21358 | 59712 | 92610 | 96205 | 14975 | 96500 | 24600 | | | |
| 21329 | 45812 | 81010 | 980 2 | 27165 | 85 | 56616 | | | 3 46 |
| 21377 | 47212 | 01410 | 99020 | 25463 | 00900 | 65816 | 0**58 | 11422 | 3 259 |
| 21378 | 40312 | 80810 | 99022 | 28162 | 88400 | 705 | 00250 | 11812 | |
| 21300 | 36212 | 80515 | 98022 | 22763 | 85 | 66810 | 0**56 | | 3 499 |
| 21301 | 38812 | 70506 | 98022 | 23064 | 00960 | 66606 | | | 1 208 |
| W21330 | 35012 | 80313 | 80022 | 23959 | 855 | 00809 | 05251 | 149** | 5620 |
| 21339 | 35012 | 80313 | 80022 | 23959 | 855 | 00809 | 05251 | 149** | |
| 21348 | 32112 | 80216 | 97022 | 24053 | 845 | 16614 | | 10223 | 36105 |
| 21391 | 38012 | 83605 | 97032 | 28058 | 85620 | | | | |
| 21377 | 22712 | 92408 | 98022 | 10251 | 96120 | 12723 | | | |
| 21377 | 25712 | 73240 | 98032 | 13554 | 77200 | 66301 | 0**49 | 13236 | 1 464 |
| 21303 | 16912 | 83305 | 98022 | 122 | 885 | 85300 | 0**52 | 13232 | |
| 21304 | 17912 | 83110 | 97031 | 11960 | 813 | 75107 | | 13122 | 3 396 |
| 21225 | 94012 | 51116 | 98022 | 10582 | 25630 | 25302 | | | 1 95 |
| 21259 | 96012 | 809 | 96636 | 13576 | 8728 | 84320 | 0**75 | 10923 | 27681 |
| 21269 | 92912 | 80508 | 98031 | 11979 | 23578 | 66302 | 0**79 | 100*1 | 15711 |
| 21273 | 95412 | 90910 | 97585 | 14678 | 962 | 25110 | | 10922 | 11090 |
| 21278 | 90912 | 21102 | 98011 | 14980 | 22200 | 34310 | | | |
| 21281 | 90912 | 81110 | 98162 | 16379 | 34361 | 35302 | 0**73 | 11121 | 27428 |
| 21285 | 92912 | 81410 | 98032 | 15679 | 0002 | 35312 | 0**71 | 11422 | 2 292 |
| 21291 | 92212 | 5 00 | 98011 | 13280 | 29535 | 65316 | 0**76 | 100*0 | |
| 21294 | 92512 | 80710 | 97032 | 17379 | 886 | 00304 | | 107*3 | |
| 21298 | 76112 | 63507 | 98032 | 21466 | | 65308 | | | 35303 |
| 21214 | 62412 | 50705 | 98031 | 14679 | 57420 | | | | |
| 21232 | 61312 | 31210 | 99011 | 16377 | 31500 | 26300 | 0**76 | 10922 | 35491 |
| 21212 | 51512 | 40910 | 98141 | 15975 | 32403 | 65806 | 0**71 | 10755 | 27124 |
| 21224 | 55312 | 20710 | 98021 | 15675 | 21500 | 17310 | | | 3 87 |
| 21224 | 55412 | 70515 | 98032 | 14974 | 72500 | 16406 | 0**67 | | 3 192 |
| 21225 | 55112 | 30915 | 98181 | 16675 | 36500 | 310 | | 10923 | 3 57 |
| 21229 | 55212 | 70905 | 98252 | 17375 | 47420 | 56816 | 0**65 | | 36113 |
| 21236 | 50012 | 80810 | 98031 | 16672 | 844 | 14300 | 0**63 | 10522 | 3 189 |
| 21238 | 51512 | 31809 | 80021 | | | | | | |
| 21262 | 50112 | 00910 | 98022 | 18071 | 00900 | 306 | 0**69 | 10922 | 37317 |
| 21246 | 47812 | 31807 | 98030 | 17372 | 34400 | 65806 | 0**66 | | 1 731 |
| 21262 | 49712 | 30812 | 98258 | 18971 | 33600 | 56812 | 05168 | 10821 | |
| W21280 | 45012 | 81115 | 81802 | 19865 | 825 | 00809 | 05862 | 149** | 5321 |
| 21286 | 40012 | 31416 | 99021 | 22469 | 356 | 67818 | | | |
| 21286 | 37512 | 80709 | 98022 | 65 | 845 | 65706 | 0**57 | 10721 | 35339 |
| 21254 | 24312 | 2759 | 90220 | 3954 | 4 | 63020 | 0**72 | 1721* | 36702 |
| 21246 | 12112 | 3001 | 022 | 13558 | | 00 | | | 35046 |
| 21252 | 13012 | 80002 | 98022 | 11960 | 853 | 76302 | | | 2 455 |
| 21203 | 06412 | 63009 | 97021 | 13280 | | | | | 35059 |
| 21204 | 07112 | 12808 | 99020 | 12576 | 12400 | 76300 | | | 1 268 |
| 21128 | 92812 | 50906 | 98011 | 11279 | 11221 | 74300 | | 11863 | 1 502 |
| 21147 | 94612 | 61606 | 99021 | 08582 | 22301 | 36306 | 0**75 | 11621 | 2 392 |
| 21159 | 97912 | 70000 | 98188 | 11980 | | 24708 | 0**68 | | 36723 |
| 21197 | 94312 | 61310 | 98011 | 10081 | 28670 | 24304 | | | 2 435 |
| 21121 | 12012 | 30503 | 97011 | 06690 | 11511 | | | | |
| 21172 | 18512 | 13210 | 98011 | 13272 | 11200 | 66610 | 0**66 | 13632 | 1 629 |
| 21173 | 19012 | 00510 | 98020 | 13969 | 00900 | 26312 | | | 36650 |
| 21174 | 18612 | 00000 | 98001 | 13570 | 00900 | 24720 | 0**62 | 10142 | 26956 |
| 21166 | 00012 | 3 06 | 99021 | 11979 | 11322 | 74100 | 0**78 | 12921 | 35243 |
| 21170 | 05312 | 00000 | 98020 | 12977 | 00900 | 36116 | | | 35533 |
| 21176 | 02912 | 13003 | 99000 | 12277 | 10951 | 36300 | 0**67 | 13020 | 3 359 |
| 21185 | 04612 | 82904 | 98022 | 13077 | 6767 | 74805 | | | 35684 |
| 21199 | 06212 | 62706 | 98021 | 12576 | | 65306 | 0**72 | 12751 | 37341 |

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|---|---|---|---|---|---|---|---|---|---|
| 22415 | 48812 | 90910 | 92474 | 15454 | 9 0 | 55820 | 0**47 | 11422 | |
| 22487 | 48912 | 91410 | 95022 | | | 26134 | 0**30 | 12045 | 37362 |
| 22423 | 58612 | 81419 | 94464 | 22455 | 87400 | | | | |
| 22424 | 55712 | 70910 | 97022 | 22055 | | 16300 | | | 37235 |
| 22487 | 53612 | 91410 | 95022 | 20348 | 11111 | 26136 | | | |
| 22435 | 62612 | 80000 | 91444 | 26036 | 822 | 15401 | | | 35683 |
| 22451 | 66712 | 93008 | 91454 | 26239 | 9 1 | | | | |
| W22480 | 62012 | 02509 | 80011 | 23942 | 00900 | 00911 | 00238 | 14922 | 5418 |
| 22417 | 74312 | 93212 | 97002 | 22451 | | 26620 | 0**50 | 13322 | 3 154 |
| 22480 | 78712 | 92718 | 95415 | 17538 | | | | | |
| 22311 | 47612 | 41804 | 98022 | 11572 | 41400 | 67810 | 0**71 | | 3 159 |
| 22337 | 48112 | 81620 | 96626 | 13568 | 883 | 24310 | 0**68 | 11644 | 3 357 |
| 22347 | 40012 | 32207 | 99020 | 08875 | 28500 | 607 | 0**69 | 11243 | 3 639 |
| 22349 | 45812 | 61815 | 98021 | 10673 | 64600 | 26 | | | 35538 |
| 22350 | 46212 | 81413 | 98032 | 08174 | 86421 | 53650 | | 11822 | 1 421 |
| 22360 | 45312 | 81515 | 80216 | 14067 | 86400 | | | | |
| 22364 | 45812 | 81531 | 50616 | 09069 | 5752 | 63818 | 07267 | 11538 | |
| W22388 | 53112 | 81118 | 65205 | 17766 | 864 | 00901 | 06565 | 11242 | |
| W22310 | 64012 | 81318 | 72602 | 16669 | 7462 | 00306 | 05767 | 11335 | |
| 22354 | 72812 | 60910 | 99021 | 24760 | 61400 | 26300 | 0**54 | 149*1 | 16391 |
| 22230 | 10712 | 53216 | 98030 | 14762 | 50602 | 343 | | 13221 | 26925 |
| 22208 | 27812 | 11306 | 97021 | 09582 | 11800 | | | | |
| 22239 | 21912 | 80325 | 96189 | 10077 | | | | | |
| 22247 | 23812 | 70418 | 98032 | 08276 | 74668 | | | | |
| 22247 | 28312 | 51306 | 97032 | 07484 | 58400 | | | | |
| 22257 | 26012 | 0215 | 96216 | 08076 | 77500 | | | | |
| 22209 | 36912 | 21106 | 98020 | | 21400 | 263 | 0**79 | 11022 | |
| 22260 | 33412 | 22009 | 98010 | 09726 | 25308 | 45604 | 00224 | 12022 | |
| 22275 | 30712 | 82012 | 95606 | 08078 | 85600 | | | | |
| 22282 | 35612 | 02310 | 98020 | 08875 | 00900 | 16208 | | 12321 | 2 31 |
| W22293 | 35012 | 72321 | 81022 | 08377 | 6557 | 00309 | 07674 | 12033 | |
| 22212 | 44312 | 21204 | 96021 | 09579 | 205 2 | | | | |
| 22248 | 47212 | 20505 | 98030 | 13280 | 24300 | 56202 | 0**80 | 10521 | 3 341 |
| 22254 | 44012 | 30902 | 96021 | 11078 | 24600 | | | | |
| 22272 | 56612 | 43405 | 98021 | 11978 | 45500 | | | | |
| 22286 | 53912 | 00702 | 98020 | 14672 | 00900 | 15302 | 0**63 | 10722 | 27219 |
| 22290 | 55712 | 43206 | 97021 | 10673 | 4560 | | | | |
| 22287 | 68012 | 81118 | 95142 | 17075 | 873 | 25105 | | 11033 | |
| 22115 | 12412 | 10002 | 98021 | 08884 | 18600 | | | | |
| 22122 | 12912 | 20806 | 97021 | 07084 | 23406 | | 08475 | | |
| 22124 | 13612 | 21404 | 97021 | 07084 | 25600 | | 084** | | |
| 22162 | 19912 | 32507 | 99010 | 10580 | | 46302 | | | |
| 22167 | 19912 | 32507 | 99010 | 10580 | | 46302 | | 100** | |
| 22141 | 24612 | 71006 | 96048 | 06086 | 746 | | | | |
| 22141 | 35012 | 30912 | 98011 | 07895 | 33400 | 305 | 0**84 | 109** | 37188 |
| 22115 | 58012 | 40910 | 98021 | 20783 | 41400 | | | | |
| 22110 | 97012 | 61713 | 74012 | 05479 | 54000 | | | | |
| 22072 | 42412 | 20905 | 98011 | | | | | | |
| 22072 | 58812 | 40710 | 98021 | | | | | | |
| 22072 | 59812 | 81112 | 98162 | 07181 | 69401 | | | | |
| 22058 | 91212 | 82315 | 68182 | 03476 | 4452 | 25819 | | | 35520 |
| 22063 | 95112 | 62224 | 99021 | 07582 | 24479 | 26410 | | | 37117 |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 23712 | 28712 | 52709 | 98011 | 16084 | | | | | |
| 23607 | 04512 | 23509 | 98020 | 19109 | | | | | |
| 23507 | 00412 | 30909 | 97021 | 52 | 00901 | 26307 | | 10920 | |
| 23546 | 06912 | 63409 | 97021 | 179 | | | | | |
| 23566 | 03012 | 43209 | 98031 | 19611 | | | | | |
| 23578 | 05512 | 63405 | 98021 | 18814 | | | | | |
| 23354 | 21512 | 31110 | 99020 | 15974 | 24530 | 26312 | | | |
| 23387 | 25712 | 13518 | 98030 | 12268 | 14500 | 302 | 0**61 | 13565 | 11098 |
| 23193 | 39412 | 06216 | 98020 | 04335 | 00900 | 36830 | 0**30 | 13232 | |
| 23114 | 57012 | 72325 | 97022 | 04486 | 73360 | 65730 | 0**81 | 12357 | 26985 |
| 23181 | 58512 | 22216 | 99021 | 03388 | 22760 | 76709 | | | |
| 23196 | 59112 | 01802 | 99000 | 02986 | 00900 | 55820 | | | |
| 23105 | 62612 | 52418 | 98021 | 05684 | 31601 | 24121 | | 12423 | |
| 23132 | 68412 | 72514 | 98818 | 05684 | 74460 | 13606 | | 12633 | |
| 23185 | 64512 | 32305 | 99010 | 04188 | 31499 | 74510 | | | |
| 23141 | 86912 | 83416 | 95628 | 99688 | 73525 | 54503 | | 124** | |
| 23063 | 78712 | 82713 | 98151 | 05082 | 42 20 | 24800 | | 14933 | |
| 23078 | 70212 | 82712 | 98032 | 05885 | 844 | 65722 | | 12745 | 3 478 |
| 23079 | 74312 | 82718 | 98818 | 04684 | 68860 | 67300 | | | |
| 23058 | 85912 | 82522 | 97022 | 03484 | 9 0 | 65716 | 0**77 | 12544 | 16381 |
| 23091 | 84712 | 98142 | 03255 | 06382 | 34800 | 14300 | | 12733 | |

June 5 1951

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|---|---|---|---|---|---|---|---|---|---|
| 30620 | 32812 | 90814 | 92456 | 15908 | 9 0 | 51112 | 00108 | 10647 | |
| 30667 | 25012 | 61113 | 97011 | 26705 | | | | | |
| 30532 | 65512 | 92809 | 91505 | 11852 | 9 | 309 | 05650 | 11522 | |
| 30517 | 52012 | 83317 | 94474 | 15336 | 862 | 905 | 00136 | 13345 | |
| 30547 | 52312 | 80313 | 98022 | 06647 | 8645 | 10238 | | | |
| W30565 | 51012 | 70114 | 80026 | 15941 | 75500 | 00816 | 00139 | 10653 | 3202 |
| 30509 | 45412 | 73430 | 80012 | 04008 | 79560 | 56350 | 056** | 13456 | |

| LOCATION OF SHIP AND TIME OF OBSERVATION (YQLaLaLa) | (LoLoLoGG) | TOT. CLD. AMT. AND WIND (Nddff) | VIS. AND WEATHER (VVwwW) | PRESSURE AND TEMP (PPPTT) | CLOUDS (NhCLhCMCH) | SHIP SPEED AND PRESS. CHANGE (DsVsapp) | TEMP (OTsTsTdTd) | WAVES (IdwdwPwHw) | SHIP NUMBER |
|---|---|---|---|---|---|---|---|---|---|
| W30527 | 35512 | 80407 | 27102 | 90551 | 864 | 00005 | 05150 | 10545 | 1003 |
| 30508 | 20312 | 81228 | 97152 | 99657 | 6537 | 25314 | 0**55 | 11245 | |
| 30531 | 28412 | 81113 | 96616 | 90753 | 7612 | 25514 | 05253 | 11036 | |
| 30500 | 15412 | 71313 | 98022 | 104 | 75300 | 65814 | | 11633 | |
| 30502 | 12612 | 41612 | 97014 | 14956 | 31630 | 65815 | 05154 | | |
| 30520 | 18712 | 82416 | 97022 | 07614 | 86 | 53714 | | | |
| 30590 | 00612 | 20000 | 99021 | 21350 | 14350 | 26906 | 0**48 | | 16303 |
| 30462 | 74212 | 92006 | 98022 | 17343 | 743 | 56301 | | | |
| 30403 | 60912 | 21412 | 75021 | 10821 | 26510 | 24300 | 05221 | | |
| 30408 | 66112 | 62408 | 96024 | 11167 | 60250 | 67812 | 0**64 | 12421 | |
| 30415 | 60112 | 81324 | 98023 | 14964 | 0077 | 26814 | | | 1 187 |
| W30427 | 67512 | 83612 | 06616 | 12152 | 8022 | 25405 | 05151 | 11821 | 900 |
| 30401 | 53912 | 10802 | 97011 | 18016 | 159 | 24710 | | | |
| 30405 | 52412 | 30603 | 99021 | 19060 | 31600 | 26302 | 0**55 | 10132 | 11149 |
| 30405 | 57512 | 82504 | 98031 | 16377 | 8431 | 26300 | | | 1 844 |
| 30410 | 50012 | 40210 | 98031 | 16652 | 43410 | 26000 | | 10232 | 2 256 |
| 30413 | 55012 | 43605 | 99020 | 16762 | 30641 | 56300 | 0**52 | 13655 | |
| 30425 | 50512 | 50512 | 98031 | 18651 | 44401 | 15300 | | | 1 75 |
| 30427 | 50012 | 83409 | 98021 | 174 | 864 | 26402 | | 13533 | |
| W30441 | 58112 | 80603 | 80612 | 17247 | 0097 | 26300 | 05245 | 149*1 | 1200 |
| 30461 | 54112 | 81609 | 98022 | 16643 | 8 97 | 64300 | 05139 | 12521 | |
| W30461 | 56612 | 82910 | 74602 | 16645 | 874 | 66902 | 05140 | 12931 | 1300 |
| 30462 | 54212 | 92006 | 98022 | 17343 | 94300 | 56301 | | | |
| 30402 | 41912 | 73124 | 98012 | 09559 | 21010 | 15307 | | | |
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June 5 1951

| Location of ship and time of observation: YQL_aL_aL_o | L_oL_oL_oGG | Tot. cld. amt. and wind: Nddff | Vis. and weather: VVwwW | Pressure and temp: PPPTT | Clouds: N_hC_Lh C_MC_H | Ship speed and press. change: D_sV_s a pp | Temp: 0 T_sT_sT_dT_d | Waves: Id_wd_wP_wH_w | Ship number |
|---|---|---|---|---|---|---|---|---|---|
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| 33094 | 75212 | 82813 | 97505 | 04382 | 1252 | | | | |
| 33056 | 83812 | 62613 | 98031 | 03682 | 12715 | 24403 | | 12633 | |
| 33057 | 80512 | 82724 | 97022 | 04781 | 00903 | 74312 | 0**76 | 12733 | 16381 |

June 6 1951

| Location of ship and time of observation: YQL_aL_aL_o | L_oL_oL_oGG | Tot. cld. amt. and wind: Nddff | Vis. and weather: VVwwW | Pressure and temp: PPPTT | Clouds: N_hC_Lh C_MC_H | Ship speed and press. change: D_sV_s a pp | Temp: 0 T_sT_sT_dT_d | Waves: Id_wd_wP_wH_w | Ship number |
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| 40606 | 05212 | 60613 | 98021 | 25608 | | | | | |
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| 40530 | 46012 | 83033 | 97022 | 95243 | 88300 | 13820 | 05441 | | |
| 40546 | 43012 | 81018 | 95055 | 94045 | 86400 | 24325 | 00243 | | |
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| 41462 | 24212 | 82471 | 98022 | 11954 | | | | | |
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| 43053 | 87312 | 82320 | 97030 | 07086 | 47320 | 63302 | | 12434 | |
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June 7 1951

| Location of ship and time of observation: YQL_aL_aL_o | L_oL_oL_oGG | Tot. cld. amt. and wind: Nddff | Vis. and weather: VVwwW | Pressure and temp: PPPTT | Clouds: N_hC_Lh C_MC_H | Ship speed and press. change: D_sV_s a pp | Temp: 0 T_sT_sT_dT_d | Waves: Id_wd_wP_wH_w | Ship number |
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| 50668 | 24812 | 90000 | 91454 | 23309 | | | | | |
| 50602 | 07212 | 81109 | 97022 | 24208 | 855 | | | | |
| 50611 | 00212 | 30218 | 99010 | 17220 | | | | | |
| 50503 | 57712 | 52108 | 97016 | 09247 | 50600 | 104 | 00745 | 12011 | |
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| 53234 | 58912 | 30506 | 97050 | 97696 | 00910 | 35512 | 0**83 | 10520 | 27065 |
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| 53242 | 65512 | 42708 | 81021 | 99088 | 44500 | 55301 | | | |
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| 53170 | 40612 | 53412 | 98020 | 05890 | 00016 | 76712 | 0**81 | 13421 | 26985 |
| 53105 | 59012 | 72627 | 97031 | 050 | 54460 | 64810 | | | |
| 53117 | 59712 | 01925 | 96231 | 97583 | 00000 | 57610 | | | |
| 53126 | 55212 | 42133 | 96031 | 03328 | 00903 | 26202 | 0**25 | 12146 | |
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| 53068 | 78812 | 82918 | 97033 | 06576 | 53460 | | | | |
| 53058 | 83912 | 82419 | 97022 | 07087 | 8062 | 63605 | | 12334 | |
| 53093 | 81512 | 63205 | 98032 | 03388 | 62800 | 84300 | | 127*2 | |
| 53061 | 97712 | 82520 | 97026 | 04684 | 37478 | 64910 | | 12523 | |

June 8 1951

| Location of ship and time of observation: YQL_aL_aL_o | L_oL_oL_oGG | Tot. cld. amt. and wind: Nddff | Vis. and weather: VVwwW | Pressure and temp: PPPTT | Clouds: N_hC_Lh C_MC_H | Ship speed and press. change: D_sV_s a pp | Temp: 0 T_sT_sT_dT_d | Waves: Id_wd_wP_wH_w | Ship number |
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| W60565 | 51012 | 82609 | 74024 | 17439 | 854 | 00326 | 05137 | 149** | 3202 |
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| 60579 | 15112 | 40719 | 97012 | 15751 | 00901 | 73302 | 05247 | 10823 | |
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| 60499 | 68012 | 31010 | 98151 | 16980 | 32500 | 75318 | 0**76 | 11022 | |
| 60402 | 55212 | 52813 | 98020 | 10066 | 525 1 | 25300 | 05461 | 12734 | |
| 60414 | 55512 | 43509 | 98161 | 09560 | 49500 | 25300 | 05656 | 11044 | |
| 60416 | 55412 | 20104 | 98142 | 09163 | 27 | 802 | 0**62 | 10121 | 3 512 |
| 60419 | 51812 | 83605 | 96525 | 07555 | 855 | 65302 | 00452 | 13046 | |
| 60432 | 56612 | 60000 | 99022 | 12253 | 44526 | 65300 | | | |
| 60440 | 59312 | 53313 | 98011 | 12847 | 54500 | 55320 | 05243 | 13351 | |
| W60460 | 52412 | 70817 | 80015 | 13447 | 00970 | 25011 | 00543 | 14922 | 900 |
| 60407 | 41612 | 80928 | 50021 | 00216 | 87500 | 24816 | 05716 | | |
| 60416 | 46512 | 80837 | 98502 | 07161 | 87300 | 64825 | 05457 | | |

June 8 1951

| LOCATION OF SHIP AND TIME OF OBSERVATION | | TOT. CLD. AMT. AND WIND | VIS. AND WEATHER | PRESSURE AND TEMP. | CLOUDS | SHIP SPEED AND PRESS. CHANGE | TEMP. | WAVES | SHIP NUMBER |
|---|---|---|---|---|---|---|---|---|---|
| YQLaLaLo | LoLoLoGG | Nddff | VVwwW | PPPTT | NhClhCMCH | DsVsapp | OTsTsTdTd | IdwdwPwHw | |
| 60417 | 48812 | 80721 | 97025 | 07213 | 4895 | 65410 | 002** | 10743 | |
| 60418 | 44012 | 91126 | 96646 | 09656 | 8 0 | 12804 | | 11135 | 27634 |
| 60421 | 49712 | 80820 | 98022 | 07557 | 34410 | 15804 | 0**52 | 10849 | 1 352 |
| 60424 | 45012 | 90928 | 96258 | 08860 | 933 | 55830 | | | 11198 |
| ■60440 | 41312 | 80920 | 80022 | 14258 | 6551 | 00705 | 06045 | 10733 | 604 |
| 60444 | 49712 | 60615 | 98011 | 11348 | 60740 | 66815 | 0**46 | 149*2 | |
| 60456 | 44312 | 70920 | 99031 | 13952 | 34410 | 58820 | | | 1 178 |
| 60402 | 30312 | 82217 | 96402 | 13120 | 8732 | 16804 | 00418 | 149*4 | |
| 60448 | 36512 | 30514 | 98011 | 14659 | 00904 | 25812 | | | 1 187 |
| 60454 | 32112 | 42920 | 98022 | 11257 | 42600 | 65124 | | | 1 799 |
| 60459 | 38812 | 33105 | 99020 | 13561 | 21540 | | | | |
| 60477 | 33912 | 32824 | 97011 | 08913 | 31500 | 63305 | | 17850 | |
| 60422 | 23912 | 82209 | 98252 | 142 | 853 | 55305 | | 13233 | |
| 60423 | 22612 | 92408 | 99501 | 15261 | 942 | 55108 | | | 11205 |
| 60442 | 27212 | 52810 | 99031 | 13116 | 21 1 | 54309 | | | |
| 60455 | 26412 | 22919 | 98020 | 11562 | 18409 | 15307 | 0**44 | 12943 | |
| 60461 | 24412 | 32716 | 98021 | 09560 | 21310 | 26300 | | | 2 256 |
| 60471 | 24812 | 62619 | 98031 | 08260 | 42560 | 14302 | 0**48 | 12954 | |
| 60473 | 25512 | 02516 | 98001 | 07560 | 00900 | 15300 | 0**60 | 12543 | 2 271 |
| 60477 | 25912 | 32720 | 98021 | 08154 | 28580 | 65316 | 0**50 | | 1 284 |
| 60479 | 24012 | 41603 | 99011 | 28163 | 44560 | 26309 | | | 1 844 |
| 60491 | 22012 | 72616 | 97018 | 051 | 58370 | 26311 | | 12644 | |
| 60491 | 26012 | 72525 | 98212 | 02714 | 67642 | 56103 | 052** | | |
| 60446 | 16212 | 22604 | 99022 | 13262 | 21700 | 55102 | | | 2 29 |
| 60446 | 18312 | 22513 | 98021 | 12516 | 11 40 | 54305 | 002** | 12567 | |
| ■60450 | 16012 | 32720 | 98021 | 12216 | 32500 | 00314 | 0**12 | 12643 | |
| 60476 | 18112 | 32503 | 98020 | 09522 | 37140 | 00310 | | | |
| 60480 | 16912 | 22205 | 98020 | 09318 | 21500 | 24310 | 006** | 12260 | |
| 60483 | 16612 | 11908 | 98010 | 08160 | 11400 | 26106 | | | 3 413 |
| 60423 | 09512 | 52416 | 98020 | 16317 | 42304 | 44326 | 00213 | 12432 | |
| 60468 | 06812 | 32711 | 96021 | 09719 | 20742 | 15103 | 010** | 12555 | |
| 60480 | 07912 | 62315 | 47032 | | | | | | |
| 60496 | 08912 | 80825 | 97022 | 05853 | . | 66103 | | 10848 | 1 673 |
| 60497 | 00512 | 70515 | 96012 | 04513 | 755 | 35605 | 00211 | | |
| 60497 | 07912 | 80820 | 97505 | 04759 | 872 | 824 | 0**56 | 10833 | 1 975 |
| 60313 | 80312 | 21806 | 98010 | 18377 | 85300 | 54312 | | 11630 | 27032 |
| 60307 | 77312 | 10902 | 98001 | 17380 | 10 01 | 55302 | | 10921 | |
| 60312 | 71112 | 20703 | 98010 | 20072 | 21400 | 85310 | 0**64 | 10720 | |
| 60317 | 78312 | 21410 | 98021 | 18378 | 21700 | 16322 | | | 1 95 |
| 60319 | 76412 | 61211 | 98031 | 17676 | 25465 | 55410 | 0**69 | 11022 | 26706 |
| 60322 | 78012 | 30909 | 99020 | 18372 | 34 00 | 16112 | | 10922 | 27662 |
| 60327 | 77212 | 30710 | 98031 | 19377 | 32500 | 16310 | 0**67 | 10742 | 2 686 |
| 60330 | 74512 | 01205 | 98000 | 18674 | 00900 | 85316 | | | 1 145 |
| 60337 | 76512 | 62407 | 98011 | 18675 | 61400 | 16106 | 0**66 | 10443 | 27103 |
| 60340 | 74212 | 20510 | 98010 | 18671 | 24500 | 86310 | | | 1 452 |
| 60347 | 75012 | 82733 | 97646 | 13574 | 00722 | 45108 | 0**68 | 12758 | 27728 |
| 60357 | 71912 | 41416 | 99021 | 20369 | 00938 | 15146 | 0**64 | 10532 | 2 292 |
| ■60360 | 70012 | 21003 | 80011 | 20072 | 25500 | 00310 | 05155 | 10121 | 808 |
| 60361 | 72512 | 51812 | 98012 | 18673 | 34431 | 45106 | | 11831 | 16378 |
| 60361 | 73512 | 81810 | 97031 | 16671 | 5657 | 16300 | 0**65 | 11822 | |
| 60362 | 75512 | 41012 | 97052 | 14970 | 43310 | 44807 | | 11011 | 2 141 |
| 60365 | 72312 | 81407 | 98022 | 18672 | 845 | 36304 | 0**68 | | 11052 |
| 60366 | 74412 | 82014 | 95104 | 18570 | 854 | 800 | 00064 | | |
| 60367 | 72112 | 81605 | 98022 | 19673 | 846 | 46318 | 0**64 | 11621 | 27484 |
| 60367 | 75612 | 81811 | 96616 | 17968 | 864 | 406 | 00263 | 11821 | |
| 60369 | 72812 | 71810 | 97025 | 19066 | 74620 | 46306 | | | 1 398 |
| 60394 | 72512 | 91304 | 97402 | 17667 | 9 0 | 66808 | | | 1 12 |
| 60326 | 60812 | 22713 | 80020 | 16975 | 21 00 | 54320 | 00066 | 12733 | |
| 60330 | 65112 | 60809 | 81031 | | | | | | |
| 60359 | 60212 | 13117 | 98020 | 18968 | 11500 | 36428 | | | 1 544 |
| 60375 | 61212 | 33218 | 98021 | 16169 | 24560 | 24412 | 0**63 | 13235 | |
| 60383 | 60512 | 23425 | 97031 | 14668 | 21500 | 24320 | 0**62 | 13446 | 27642 |
| 60398 | 63412 | 33620 | 98021 | 19062 | 31500 | 24330 | | 13634 | 27000 |
| 60301 | 53612 | 32916 | 99030 | 18476 | 14503 | 73103 | 00165 | 12845 | |
| 60311 | 55312 | 42922 | 98031 | 17675 | 33361 | 76304 | | 12934 | 11053 |
| 60319 | 52912 | 82379 | 80318 | 24003 | 54207 | 87574 | | | |
| 60332 | 52612 | 32620 | 98031 | 15025 | 13511 | | | | |
| 60347 | 53112 | 52724 | 98032 | 74 | 22405 | 53310 | 0**68 | 12744 | |
| 60373 | 50512 | 32806 | 98011 | 09875 | 35710 | 64320 | 0**68 | 12821 | 2 237 |
| 60390 | 58312 | 23321 | 98011 | 14272 | 22500 | 25312 | | | 37176 |
| 60391 | 56312 | 63212 | 99031 | 09867 | 44465 | 56316 | | | 1 934 |
| 60395 | 51212 | 73508 | 97284 | 06063 | 16006 | 308 | 05560 | 10921 | |
| 60340 | 49312 | 12415 | 98020 | 14379 | 11600 | 133 | 0**71 | 12455 | 27667 |
| ■60350 | 48012 | 32419 | 74021 | 10173 | 33560 | 00311 | 00169 | 12337 | 1405 |
| 60354 | 46212 | 62524 | 98031 | 10473 | 42030 | 24310 | 00268 | 12534 | |
| 60360 | 49512 | 81945 | 98031 | 07874 | 78463 | 66520 | | | 1 363 |
| 60391 | 41212 | 82211 | 97022 | 06021 | 654 | 15303 | | | |
| 60393 | 47712 | 72918 | 98022 | 04471 | 74500 | 25906 | | 149** | 27235 |
| 60393 | 49212 | 82724 | 98032 | 05566 | 4752 | 26603 | 0**63 | 10865 | |
| 60367 | 32612 | 62216 | 98012 | 12967 | 25471 | 65602 | 0**65 | 12324 | 27105 |
| 60371 | 35112 | 42215 | 98016 | 12267 | 38330 | 55104 | | 12124 | 2 348 |
| 60375 | 34812 | 7201 | 97202 | 11970 | 75500 | 66300 | | | 1 989 |
| 60386 | 39812 | 52105 | 99205 | 08468 | 57500 | 54601 | 00168 | 12343 | |
| 60395 | 33612 | 80520 | 98202 | 10863 | 00028 | 55906 | 0**65 | 12778 | 27525 |
| 60356 | 26812 | 71908 | 98022 | 19373 | 34411 | 25314 | | 12321 | 1 153 |
| 60358 | 20012 | 02407 | 99021 | 19669 | 00900 | 66304 | | | 1 296 |
| 60378 | 24512 | 82710 | 97022 | 11320 | 03922 | 53007 | | | |
| 60324 | 17412 | 03403 | 99000 | 22471 | 00900 | 65014 | 0**63 | 13443 | 27549 |
| 60365 | 12612 | 33310 | 98021 | 20370 | 22480 | 26310 | | | 1 682 |
| 60399 | 11712 | 42906 | 98020 | 16921 | 22605 | 84001 | 00813 | 12931 | |
| 60392 | 09612 | 33205 | 99021 | 18563 | 22501 | | | | |
| 60213 | 85412 | 01108 | 98020 | 14683 | 00900 | 55300 | 0**76 | | 11187 |
| 60231 | 83812 | 10810 | 98020 | 16381 | 15 00 | 16312 | | | 1 724 |
| 60233 | 80212 | 00905 | 98020 | 14380 | 00900 | 34210 | | | 27596 |
| 60236 | 86712 | 01401 | 97010 | 15981 | 00900 | 64110 | | | 27471 |
| 60240 | 82212 | 31102 | 98011 | 14679 | 32600 | 25306 | 0**79 | 111*0 | 15711 |
| 60243 | 81612 | 40707 | 98020 | 17681 | 42400 | 26306 | 0**71 | 107*0 | 27061 |
| 60244 | 82512 | 01004 | 98000 | 17378 | 00900 | 25202 | | 10230 | 15715 |
| 60249 | 80112 | 10000 | 98010 | 31284 | 10701 | 45106 | 0**80 | | 16215 |
| 60260 | 86112 | 11408 | 99020 | 16978 | 11400 | 75310 | | 11420 | |
| 60263 | 88012 | 31608 | 98020 | 17381 | 31600 | 35310 | | | |
| 60269 | 88612 | 21905 | 99020 | 16179 | 21 00 | 74312 | 05172 | 11920 | |
| 60270 | 88312 | 21815 | 98020 | 15682 | 21400 | 35310 | 0**75 | 118*2 | 27044 |
| 60272 | 89412 | 31616 | 98021 | 16680 | 32600 | 76306 | 0**76 | 11622 | 27759 |
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| 60248 | 74212 | 31812 | 98012 | 20072 | 24501 | 46318 | | | |
| 60254 | 70012 | 62310 | 98032 | 15981 | 63300 | 45318 | | 123*0 | |
| 60258 | 74012 | 10805 | 98020 | 17179 | 12500 | | | | |
| 60268 | 70012 | 51108 | 99012 | 18678 | 12463 | 86210 | | 10020 | |
| 60272 | 79712 | 00000 | 98050 | 15980 | 00900 | 87310 | | | 1 292 |
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| 60287 | 73012 | 51806 | 99031 | 19577 | 32408 | 85115 | | 11821 | 27046 |
| 60288 | 74212 | 01605 | 99001 | 18078 | 00900 | 86310 | | | 2 27 |
| 60290 | 74812 | 31802 | 9801 | 18078 | 11618 | 45300 | 0**77 | | 2 433 |
| 60292 | 79612 | 23505 | 98011 | 18077 | 37200 | 86307 | | | 17211 |
| 60295 | 73812 | 31805 | 99018 | 19375 | 11440 | 46300 | 0**71 | | 11338 |
| 60207 | 65912 | 60916 | 99021 | 17680 | 34360 | 77310 | | | 11044 |
| 60210 | 68912 | 20910 | 98011 | 17380 | 11431 | 84412 | | 10922 | |
| 60214 | 61212 | 30910 | 97011 | 21080 | 32420 | 85404 | | 11034 | 2 236 |
| 60232 | 68312 | 80913 | 98808 | 17378 | 11570 | 36316 | 08*76 | 11281 | |
| 60265 | 68512 | 81106 | 98031 | 16978 | 44511 | 46300 | | | |
| 60297 | 68412 | 10605 | 99020 | 21078 | 11200 | | | | |
| 60238 | 56012 | 82204 | 98032 | 21979 | 854 | 55304 | 0**72 | 100** | 35526 |
| 60264 | 59312 | 82409 | 99022 | 20079 | 84 | 15320 | 00172 | 124*3 | |
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| 60125 | 89412 | 70402 | 98152 | 08883 | 25 10 | 00300 | | | 35042 |
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| 60125 | 71812 | 60818 | 98031 | 12278 | 63200 | 25322 | | 10833 | 16375 |
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| 60130 | 71012 | 00722 | 98051 | 12580 | 00900 | 35300 | | 10713 | 2 372 |
| 60141 | 78212 | 50916 | 98022 | 13283 | 32463 | 75310 | | | 2 45 |
| 60115 | 62612 | 21113 | 98021 | 11083 | 24300 | 24010 | | | 27641 |
| 60129 | 62212 | 31016 | 98021 | 15182 | 32400 | 46105 | 0**75 | 11232 | 27194 |
| 60150 | 66312 | 30913 | 98012 | 20381 | 21430 | | | | |
| 60154 | 66712 | 11218 | 99011 | 15683 | 11300 | 45306 | | 11334 | 15601 |
| 60160 | 63512 | 31011 | 98010 | 17681 | 11540 | 35314 | | | |
| 60163 | 68812 | 51309 | 98011 | 15583 | 21411 | 46310 | 00078 | | |
| 60190 | 66812 | 41205 | 99010 | 17182 | 32501 | 46310 | 00175 | | |
| 60191 | 63912 | 81112 | 98031 | 18380 | 8320 | 85826 | 0**76 | 11123 | 26703 |
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| 60199 | 67912 | 61415 | 98252 | 17382 | 333 1 | 45320 | | 11322 | |
| 60106 | 56712 | 80808 | 98021 | 15282 | 2246 | 25315 | | 10922 | |
| 60175 | 51512 | 10914 | 99010 | 21384 | 11300 | 65416 | 0**75 | 10932 | 2 279 |
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| 60184 | 44312 | 40910 | 98020 | 17228 | 30511 | 15100 | | | |
| 60190 | 49912 | 30906 | 98030 | 21329 | 32520 | 56102 | 00226 | 109*1 | |
| 60167 | 37112 | 40715 | 98051 | 19079 | 43561 | 36300 | 0**70 | | 1 514 |
| 60071 | 80712 | 63210 | 98031 | 09881 | 68600 | 26302 | | | 35533 |
| 60048 | 77912 | 80506 | 98165 | 10880 | 62422 | 36213 | 0**77 | 18032 | 1 67 |
| 60076 | 79712 | 83205 | 97638 | 10281 | 5342 | 46420 | | | 11324 |
| 60098 | 53112 | 71117 | 98188 | 14678 | 68373 | 35303 | | 11344 | |
| 60046 | 42312 | 21004 | 98010 | 15384 | 24500 | 76309 | | 100** | |
| 60091 | 43512 | 70616 | 98031 | 15680 | 71410 | 36310 | 0**74 | 10833 | 1 779 |
| 61540 | 72312 | 83608 | 97502 | 04443 | 813 | 64802 | 0**41 | 10562 | 35506 |
| 61501 | 65312 | 32911 | 98012 | 01046 | 32500 | 26812 | | | 37235 |
| 61588 | 62012 | 33613 | 99011 | 07848 | 35600 | 00817 | | 13620 | 2 57 |
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| 61552 | 19912 | 81013 | 97025 | 10356 | 86500 | 66801 | 05154 | | |
| 61415 | 72012 | 92114 | 97636 | 05066 | | | | | |
| 61486 | 71212 | 82706 | 98022 | 04144 | 834 | 65608 | | | 3 171 |
| 61480 | 65512 | 33206 | 98011 | 03037 | 22340 | 25801 | | | 35683 |
| 61448 | 51212 | 82016 | 97216 | 06555 | 0092 | 66811 | | 12144 | 3 49 |
| 61458 | 55212 | 82312 | 97002 | 075 | 862 | 24120 | | 12324 | 37486 |
| 61416 | 48312 | 31910 | 98011 | 19057 | 35400 | 26104 | 0**53 | 1193* | 3 154 |
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| 61371 | 59212 | 02510 | 98020 | 18061 | 00900 | 66802 | 0**58 | 12833 | 1 464 |
| 61309 | 41212 | 20910 | 97031 | 23064 | 21400 | 16300 | 0**57 | 10922 | 3 302 |
| 61373 | 41712 | 10909 | 98020 | 19061 | 11700 | 26602 | | | |
| 61323 | 34712 | 33602 | 96021 | 24763 | 21430 | | | | |
| 61328 | 31512 | 83207 | 98142 | 22758 | 7945 | 66310 | 0**51 | 13221 | 26966 |
| ■61330 | 35012 | 20204 | 80021 | 23663 | 25500 | 00606 | 00153 | 149** | 5620 |
| 61333 | 36012 | 80000 | 97020 | 23462 | 845 | 25306 | 0**56 | | 35176 |
| 61334 | 33412 | 60505 | 97502 | 22760 | 63300 | 14606 | 05257 | 10522 | |
| 61334 | 35612 | 80204 | 98022 | | | | | | |
| 61378 | 36612 | 93607 | 98022 | 22460 | 93640 | 24103 | | | |
| 61388 | 30712 | 13210 | 98021 | 22761 | 11300 | 65306 | 0**52 | 13222 | 1 203 |
| 61324 | 27212 | 83614 | 98022 | 20059 | 845 | 16406 | 0**52 | | 3 192 |
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| 61377 | 22712 | 12813 | 980 0 | 15850 | 10580 | 13242 | | | |
| 61302 | 16912 | 83414 | 98032 | 15259 | 545 | 44604 | 0**57 | 13463 | 3 452 |
| 61310 | 18512 | 83112 | 98022 | 14658 | 855 | 300 | 05449 | 13122 | |
| 61316 | 18712 | 83209 | 99022 | 16654 | 835 | 35300 | | | 27175 |
| 61244 | 96812 | 61420 | 98011 | 11580 | 62400 | 44100 | | 11423 | 27681 |
| 61271 | 93212 | 42010 | 98031 | 14280 | 23602 | 65308 | 0**76 | 11842 | 2 747 |
| 61279 | 91812 | 21609 | 98020 | 14880 | 22500 | 36310 | 05374 | 116** | |
| 61287 | 91412 | 21815 | 98031 | 15981 | 21800 | 24300 | 0**76 | 11822 | 27585 |
| 61288 | 92612 | 12008 | 98021 | 14281 | 00901 | 66106 | 0**78 | 12021 | 2 544 |
| 61262 | 70212 | 82305 | 98021 | 03444 | 84550 | | | | |
| 61277 | 72112 | 70912 | 97152 | 18078 | 58518 | 75304 | 0**72 | 10933 | 27124 |
| 61222 | 62712 | 10714 | 98020 | 77 | 11500 | 65901 | 0**68 | 10922 | 35339 |
| 61296 | 69412 | 40706 | 99020 | 20070 | 44700 | 66807 | | | 1 208 |
| 61223 | 59312 | 00810 | 99020 | 16676 | 00900 | 36610 | 0**72 | 108*2 | 16391 |
| 61248 | 55212 | 21208 | 98022 | 18075 | 2200 | 6130 | 0**81 | 12322 | 1 166 |
| 61252 | 51312 | 30914 | 99018 | 19043 | 22 00 | 16806 | | | 35146 |
| 61211 | 45112 | 70920 | 98032 | 15972 | 57420 | 25300 | | 10824 | 35491 |
| 61213 | 46512 | 30514 | 98021 | 16972 | 1240 | 66622 | 0**66 | 10523 | 1 629 |
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| 61269 | 48412 | 71211 | 98258 | 20471 | 73600 | 17804 | 05360 | 11232 | |
| ■61280 | 45012 | 21312 | 81028 | 21467 | 25500 | 00611 | 05659 | 149** | 5321 |
| 61276 | 38412 | 60622 | 98032 | 23765 | 53420 | | | | |
| 61264 | 13912 | 1 15 | 98010 | 14259 | 00918 | 73102 | 0**58 | 12935 | 35243 |
| 61279 | 15712 | 83614 | 99022 | 14664 | 844 | 36302 | | | 2 455 |
| 61282 | 19712 | 83412 | 97022 | 16559 | 6567 | 73300 | | | 35684 |



| LOCATION OF SHIP AND TIME OF OBSERVATION | | TOT. CLD. AMT. AND WIND | VIS. AND WEATHER | PRESSURE AND TEMP. | CLOUDS | SHIP SPEED AND PRESS. CHANGE | TEMP. | WAVES | SHIP NUMBER |
|---|---|---|---|---|---|---|---|---|---|
| YQLaLaLo | LoLoLoGG | Nddff | VVwwW | PPPTT | NhClhCMCH | DsVsapp | OTsTsTdTd | IdwdwPwHw | |
| 61212 | 07712 | 03603 | 98020 | 11273 | 00900 | 36508 | 0**74 | 13621 | 1 812 |
| 61214 | 08512 | 02901 | 98020 | 12571 | 00900 | 00 | | 12963 | 35046 |
| 61217 | 08612 | 02916 | 99020 | 11270 | 00900 | 74302 | | 12732 | 1 502 |
| 61102 | 92312 | 10702 | 98010 | 09181 | 12501 | 26310 | | | 36650 |
| 61138 | 93812 | 51503 | 97021 | 11282 | 12445 | 76306 | 0**75 | 11820 | 36644 |
| 61152 | 97812 | 12705 | 99020 | 09581 | | 76610 | | | 35340 |
| 61161 | 99312 | 63210 | 99012 | 10580 | 42069 | 76302 | | | |
| 61161 | 99612 | 63210 | 99012 | 10580 | 42 69 | 76302 | | | 16400 |
| 61107 | 88412 | 70308 | 99021 | 09182 | 33 40 | 34300 | 0517* | 10821 | |
| 61106 | 51912 | 60609 | 80012 | 12182 | 51430 | | | | |
| 61128 | 01312 | 20210 | 98011 | 10582 | 22300 | 24306 | 0**74 | 10721 | 26956 |
| 61175 | 02412 | 03318 | 82020 | 10581 | | | | | |
| 61025 | 89412 | 70402 | 98152 | 08883 | | | | | |
| 61047 | 62712 | 81018 | 48026 | 75481 | 82520 | | | | |
| 62409 | 49512 | 92901 | 97034 | 08153 | 9 0 | 55302 | | 100*0 | 3 178 |
| 62410 | 49412 | 93606 | 90454 | 07148 | 9 0 | 56006 | 0**48 | 136*1 | 3 54 |
| 62463 | 48912 | 72701 | 98022 | 05841 | 74555 | 56503 | 0**40 | 127*0 | 35124 |
| 62404 | 57812 | 83005 | 96022 | 06557 | 366 | | | | |
| 62420 | 59912 | 40406 | 97012 | 04066 | 44632 | | | | |
| 62425 | 54612 | 80404 | 94052 | 04051 | 85500 | | | | |
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June 9 1951

| | | | | | | | | | |
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| 70378 | 64512 | 81616 | 97202 | 21067 | 3352 | 15300 | 0**52 | 10522 | 2 892 |



| LOCATION OF SHIP AND TIME OF OBSERVATION | | TOT. CLD. AMT. AND WIND | VIS. AND WEATHER | PRESSURE AND TEMP. | CLOUDS | SHIP SPEED AND PRESS. CHANGE | TEMP. | WAVES | SHIP NUMBER |
|---|---|---|---|---|---|---|---|---|---|
| YQLaLaLo | LoLoLoGG | Nddff | VVwwW | PPPTT | NhClhCMCH | DsVsapp | OTsTsTdTd | IdwdwPwHw | |
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| LOCATION OF SHIP AND TIME OF OBSERVATION | | TOT. CLD. AMT. AND WIND | VIS. AND WEATHER | PRESSURE AND TEMP. | CLOUDS | SHIP SPEED AND PRESS. CHANGE | TEMP. | WAVES | SHIP NUMBER |
|---|---|---|---|---|---|---|---|---|---|
| YQLaLaLo | LoLoLoGG | Nddff | VVwwW | PPPTT | NhClhCMCH | DsVsapp | OTsTsTdTd | IdwdwPwHw | |
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June 10 1951

| | | | | | | | | | |
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| 10264 | 70912 | 42309 | 98021 | 10780 | 48600 | | | | |

June 10 1951

| LOCATION OF SHIP AND TIME OF OBSERVATION YQLaLaLa | LoLoLoGG | TOT. CLD. AMT. AND WIND Nddff | VIS. AND WEATHER VVwwW | PRESSURE AND TEMP. PPPTT | CLOUDS NhCLhCMCH | SHIP SPEED AND PRESS. CHANGE DsVsapp | TEMP 0TsTsTdTd | WAVES IdwdwPwHw | SHIP NUMBER |
|---|---|---|---|---|---|---|---|---|---|
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| 12358 | 50112 | 81128 | 97022 | 03168 | 864 | 15622 | | | 35209 |
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| W12390 | 52912 | 80814 | 81022 | 10662 | 3462 | 00818 | 06855 | 10641 | |
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| 12313 | 79912 | 71810 | 98051 | 72 | 76200 | 161 | 0••71 | 1•••• | |
| 12314 | 75212 | 72720 | 98032 | 13972 | 77200 | 65306 | 0••69 | 12754 | 27124 |
| 12201 | 15912 | 72717 | 98182 | 06072 | | 76603 | | 12744 | |
| 12218 | 14612 | 70915 | 98032 | 06481 | 2235 | 34204 | 05477 | 10833 | |
| 12232 | 17412 | 70709 | 99021 | 08875 | 7461 | 56 | 00071 | 10733 | |
| 12242 | 19712 | 90218 | 80022 | 06876 | | | | | |
| 12251 | 12812 | 62005 | 98031 | 06384 | 42441 | | | | |
| 12206 | 29612 | 41914 | 96021 | 06085 | 47620 | | | | |
| 12216 | 22612 | 83010 | 99022 | 09076 | 847 | 542 | | | |
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| 12251 | 21712 | 09501 | 97011 | 09174 | 94411 | | | | |
| 12254 | 28412 | 80920 | 95526 | 05869 | 864 | | 07073 | | |
| 12281 | 27112 | 70707 | 95022 | 09277 | 4857 | | | | |
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| 12160 | 18812 | 61004 | 99151 | 08085 | 42508 | 36126 | 05379 | 12081 | |
| 12166 | 17512 | 62005 | 98021 | 0 188 | 32541 | 15302 | | | 35580 |
| 12177 | 13612 | 83009 | 98512 | 07581 | 874 4 | 84102 | | | |
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| 12179 | 24412 | 41810 | 96021 | 07886 | 48610 | | | | |
| 12167 | 36412 | 51407 | 99021 | 11183 | 59400 | | | | |
| 12107 | 58612 | 50814 | 98032 | 09886 | 52421 | | | | |
| 12128 | 58412 | 40509 | 81011 | 14381 | 21461 | | | | |
| 12132 | 54912 | 72020 | 97022 | 99384 | 00 07 | 63 | 00275 | 12066 | |
| 12168 | 56912 | 10917 | 99011 | 14282 | 11400 | | | | |
| 12112 | 88712 | 00822 | 99000 | 11582 | 0 | 33 | | 10882 | 26925 |
| 12043 | 06212 | 72207 | 98021 | 08883 | 32 70 | 54310 | 05378 | 12321 | |
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| 12096 | 10512 | 32309 | 98021 | 07586 | 12 4 | | | | |
| 12093 | 38212 | 20710 | 99021 | 07883 | 32510 | | | | |
| 12079 | 43912 | 60610 | 97022 | 13286 | 55410 | | | | |
| 12031 | 54412 | 81403 | 96021 | 08578 | 784 | | | | |
| 12071 | 60012 | 40324 | 98012 | 10280 | 42400 | 302 | 0••76 | 10332 | 37218 |
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| 13722 | 27512 | 81309 | 96616 | 05806 | | | | | |
| 13722 | 27912 | 80909 | 96216 | 07105 | | | | | |
| 13619 | 04312 | 12402 | 99020 | 14107 | | | | | |
| W13659 | 02212 | 62812 | 99158 | 08304 | 39662 | 00701 | 05652 | 13032 | |
| 13699 | 16912 | 82809 | 97258 | 08104 | | | | | |
| 13544 | 01012 | 83605 | 95472 | 08111 | | | | | |
| 13565 | 06012 | 40905 | 98020 | 10514 | | | | | |
| 13572 | 05612 | 40309 | 98021 | 09812 | | | | | |
| 13580 | 00512 | 80409 | 97022 | 12109 | | | | | |
| 13593 | 02512 | 30409 | 98011 | 13108 | 31475 | 84209 | 05502 | 10143 | |
| 13369 | 02212 | 20706 | 98030 | 16675 | 11540 | 302 | 0••72 | 10721 | 11098 |
| 13353 | 19412 | 00209 | 98020 | 14270 | 00900 | 26603 | 0••63 | 13521 | |
| 13243 | 58912 | 90000 | 97054 | 94693 | 9 0 | 75810 | 0••84 | | 16381 |

# SURFACE MARINE DATA

| LOCATION OF SHIP AND TIME OF OBSERVATION YQLaLaLa | LoLoLoGG | TOT. CLD. AMT. AND WIND Nddff | VIS. AND WEATHER VVwwW | PRESSURE AND TEMP. PPPTT | CLOUDS NhCLhCMCH | SHIP SPEED AND PRESS. CHANGE DsVsapp | TEMP 0TsTsTdTd | WAVES IdwdwPwHw | SHIP NUMBER |
|---|---|---|---|---|---|---|---|---|---|
| 13227 | 63712 | 01805 | 96020 | 92598 | | | | | |
| 13120 | 48212 | 82715 | 98022 | 985 | 0091 | 64320 | | | |
| 13176 | 40512 | 73310 | 97063 | 02090 | 71517 | 76812 | 0••82 | 13321 | 3 478 |
| 13141 | 50012 | 62527 | 98052 | 97387 | 00930 | 54822 | 0••80 | 12534 | 27065 |
| 13150 | 52112 | 62313 | 98021 | 97690 | 00931 | 25 | | 12332 | 27238 |
| 13164 | 55512 | 52322 | 97032 | 97530 | 42504 | 53914 | 00326 | 12235 | |
| 13174 | 56912 | 52118 | 97012 | 96385 | 00 60 | 53815 | 00781 | | |
| 13193 | 59012 | 82318 | 97022 | 95392 | 00907 | 15830 | | | 11197 |
| 13124 | 61512 | 62612 | 98022 | 01587 | | | | | |
| 13112 | 75212 | 82940 | 95822 | 03181 | 63 2 | | | | |
| 13198 | 70512 | 61811 | 99032 | 87589 | 42461 | 65820 | | 11933 | 11021 |
| 13124 | 81512 | 62612 | 98022 | 01587 | | | | | |
| 13140 | 86112 | 72518 | 98022 | 00384 | 32410 | 24310 | | 12333 | |
| 13140 | 87612 | 82637 | 98255 | 99884 | 8342 | | | | |
| 13049 | 56212 | 82218 | 98022 | 06785 | 42 07 | 74300 | | 12346 | |
| 13062 | 54312 | 42330 | 97031 | 05783 | 38561 | 34609 | | 12258 | |
| 13082 | 59312 | 32430 | 97121 | 05083 | 30902 | | | | |
| 13065 | 75212 | 82519 | 98158 | 04687 | 874 | 75305 | | 12645 | |
| 13071 | 74412 | 82319 | 97028 | 05827 | 4642 | 26607 | 0••25 | 12456 | |
| 13074 | 76512 | 82925 | | 05381 | 874 | 64625 | | | |
| 13074 | 78512 | 82925 | 96812 | 05381 | 874 | 64615 | 05277 | 13083 | |
| 13086 | 70012 | 82320 | 98031 | 05383 | 824 | 25400 | 05182 | 123•• | |
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| 13057 | 86212 | 42419 | 98011 | 05886 | 32540 | 27301 | | 12445 | |
| 13078 | 89012 | 42118 | 96018 | 05084 | 36708 | 24310 | | 14947 | |

June 11 1951

| | | | | | | | | | |
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| 20667 | 24712 | 80830 | 97022 | 21805 | | | | | |
| 20622 | 01012 | 13505 | 99000 | 23806 | | | | | |
| W20565 | 51012 | 80705 | 64025 | 19438 | 854 | 00308 | 05336 | 149•1 | 3202 |
| 20513 | 43812 | 80321 | 98022 | 06852 | 8669 | 16305 | | | 1 519 |
| 20522 | 46012 | 60315 | 98022 | 11547 | 64600 | 56302 | 0••47 | 10373 | 11223 |
| 20522 | 46412 | 93524 | 06455 | | | | | | |
| 20550 | 42512 | 90217 | 95515 | 12444 | 9 0 | 65316 | 00142 | | |
| 20597 | 47012 | 80418 | 97454 | 20238 | 854 | 653 | 00129 | 14900 | |
| W20528 | 35512 | 80327 | 18615 | 00652 | 873 | 00323 | 00250 | 10235 | 1203 |
| W20526 | 20512 | 51717 | 98258 | 91657 | 33463 | 00608 | 00056 | 11443 | |
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| W20450 | 60312 | 20515 | 74021 | 17648 | 00905 | 57328 | 00246 | 105•1 | 1009 |
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| 20424 | 53712 | 80120 | 96162 | 10554 | 7732 | 28310 | | | |
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| 20435 | 54112 | 83609 | 98022 | 12308 | 883 | 64304 | | | |
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| 20475 | 59312 | 21402 | 99010 | 18548 | 112 1 | 34505 | 00244 | 114•0 | |
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| 20456 | 36112 | 62633 | 98032 | 01059 | 63620 | 66220 | | 12649 | 1 673 |
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| 20461 | 30912 | 42722 | 98011 | 00060 | 32446 | 13342 | | 12745 | 27634 |
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| 20436 | 29112 | 42430 | 97021 | 04917 | 42500 | | 00313 | 17450 | |
| 20441 | 23512 | 32230 | 97012 | 06416 | 324 | 14504 | | | |
| 20468 | 24412 | 62130 | 97152 | 96058 | 57 51 | 14310 | 00053 | 12243 | |
| 20468 | 27912 | 22622 | 99012 | 98665 | 21400 | 15120 | | 12633 | 27235 |
| 20470 | 28012 | 32424 | 98012 | 58 | 11502 | 64320 | | 12435 | |
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| 20453 | 17612 | 82017 | 97022 | 11460 | 863 | 54 | 0••58 | 12034 | |
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| 20492 | 17512 | 62030 | 97032 | 04160 | 41 68 | 64600 | | 12047 | 1 883 |
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| 20315 | 80212 | 82410 | 98052 | 09872 | 8176 | 55316 | | 12020 | 27030 |
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| 20320 | 77912 | 03418 | 97020 | 10580 | 00900 | 15302 | | | 2 579 |
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| 20327 | 74512 | 41105 | 98012 | 14680 | 21308 | 87302 | | | |
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| 20356 | 73912 | 73227 | 98022 | 06464 | 73500 | 82227 | | 14957 | 27715 |
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| W20360 | 70012 | 82632 | 37818 | 94569 | 824 | 00405 | 05565 | 12637 | 808 |
| 20364 | 72712 | 83355 | 96217 | 00366 | 6546 | 65446 | | | 1 363 |
| 20371 | 74212 | 43425 | 98012 | 09561 | 31560 | 45316 | | | 1 809 |
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| 20351 | 63612 | 02009 | 98001 | 07275 | 00909 | 85300 | 00169 | 149•• | |
| 20354 | 62312 | 62009 | 98012 | 07374 | 44360 | 15300 | 00171 | 12033 | |
| 20372 | 64812 | 81821 | 97182 | 03473 | 97878 | 85607 | | 11866 | 2 236 |
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| 20361 | 43112 | 72033 | 98031 | 05172 | 65560 | 65830 | | | 1 296 |
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| 20370 | 30112 | 32510 | 98020 | 20722 | 31541 | 56109 | | | |
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| 20280 | 94212 | 22712 | 99021 | 12578 | 28505 | 86306 | | | |
| 20210 | 82412 | 10501 | 99020 | 12582 | 11600 | 36306 | 0••77 | 1••20 | 2 205 |
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| 20262 | 87112 | 20905 | 99010 | 14682 | 11462 | 74602 | | | 2 45 |
| 20262 | 87512 | 12710 | 98010 | 13980 | 10401 | 75606 | | | 1 900 |
| 20270 | 88812 | 52306 | 98030 | 13979 | 21401 | 75306 | | 12081 | 27032 |
| 20275 | 85412 | 72710 | 98030 | 13281 | 12446 | 76602 | 0••74 | 12722 | 2 169 |
| 20278 | 85012 | 82717 | 98031 | 11580 | 848 | 65602 | 0••73 | 12722 | 27585 |
| 20285 | 80212 | 12707 | 98050 | 13976 | 10 00 | 45505 | | 10341 | 15715 |
| 20212 | 75412 | 40913 | 98012 | 14280 | 43000 | 65300 | 0••77 | 10941 | 2 366 |
| 20227 | 74512 | 41105 | 98012 | 14680 | 21308 | 87302 | | | 11142 |
| 20231 | 79712 | 11106 | 99030 | 13982 | 11300 | 65303 | 0••77 | 111•0 | 26819 |
| 20233 | 74312 | 32206 | 99011 | 14984 | 31400 | 44801 | 0••79 | 12211 | 2 141 |
| 20247 | 74312 | 41406 | 98011 | 14282 | 21440 | 45210 | | 1•••• | 2 558 |
| 20254 | 79712 | 43208 | 98041 | 14979 | 22341 | 55108 | 0••75 | 13281 | 27428 |
| 20260 | 74812 | 52310 | 98021 | 13280 | 28510 | 45310 | | | 1 59 |
| 20261 | 74312 | 82110 | 99022 | 13980 | 21407 | 46320 | 0••74 | | 1 5 |
| 20264 | 75912 | 62309 | 98031 | 12580 | 31306 | 56312 | | | 1 934 |
| 20278 | 77812 | 22602 | 81030 | 11680 | 21 60 | 55305 | 00177 | 12922 | |
| 20280 | 74212 | 22712 | 99021 | 12578 | 28505 | 86306 | | | 1 1 |
| 20280 | 74612 | 32510 | 98021 | 12280 | 33440 | 45312 | 0••77 | | 17076 |
| 20290 | 71312 | 22611 | 97021 | 10277 | 21600 | 46320 | | 12733 | 1 911 |
| 20202 | 68512 | 31606 | 98032 | 14981 | 33320 | 47302 | 0••76 | 11682 | 11218 |
| 20214 | 69012 | 81821 | 98209 | 16680 | 84667 | 45302 | | 14953 | |
| 20240 | 65212 | 81810 | 98032 | 17680 | 65533 | 25320 | 0••74 | 11831 | 2 210 |
| 20241 | 69212 | 72015 | 98032 | 14278 | 14570 | 46420 | | | 1 141 |
| 20248 | 68612 | 52111 | 98015 | 15280 | 35530 | 86320 | | 12323 | |
| 20200 | 54912 | 10706 | 98020 | 17981 | 11500 | 76307 | | 10641 | |
| 20201 | 54512 | 13005 | 97020 | 18026 | 11700 | 54305 | 058•• | 12341 | |
| 20224 | 55212 | 10905 | 97020 | 18829 | 11500 | 16301 | | | |
| 20235 | 51812 | 10002 | 99010 | 19578 | 11600 | 54305 | 05269 | | |
| 20273 | 53112 | 42413 | 98016 | 16726 | 32550 | 55306 | 00124 | 12382 | |
| 20294 | 58612 | 62508 | 99020 | 14077 | 12702 | 55300 | 00073 | 12520 | |
| 20255 | 40712 | 00000 | 98020 | 19378 | 00900 | 36316 | | | 1 544 |
| 20220 | 35012 | 31406 | 99021 | 20378 | 32400 | 35102 | | | |
| 20280 | 36212 | 11802 | 98000 | 21083 | 11300 | 65001 | 0••75 | 11920 | 27549 |
| 20280 | 13812 | 10207 | 98020 | 18522 | 00900 | 14310 | | | |
| 20103 | 87012 | 40415 | 98020 | 07184 | 25 63 | 23406 | | | 35042 |
| 20130 | 80212 | 50515 | 98012 | 07182 | 32504 | 85300 | 0••77 | 10521 | 1 696 |
| 20165 | 87512 | 20916 | 99018 | 10884 | 21501 | 46310 | | | 16371 |
| 20103 | 78012 | 60505 | 98020 | 06882 | 11441 | 56910 | 00077 | | |
| 20110 | 78712 | 50609 | 98021 | 07282 | 12630 | 55310 | 05276 | | |
| 20124 | 70112 | 41018 | 97011 | 10482 | 12531 | 14330 | | | |

SURFACE MARINE DATA

| LOCATION OF SHIP AND TIME OF OBSERVATION YQLaLaLa | LoLoLoGG | TOT. CLD. AMT. AND WIND Nddff | VIS. AND WEATHER VVwwW | PRESSURE AND TEMP. PPPTT | CLOUDS NhCLhCMCH | SHIP SPEED AND PRESS. CHANGE DsVsapp | TEMP 0TsTsTdTd | WAVES IdwdwPwHw | SHIP NUMBER |
|---|---|---|---|---|---|---|---|---|---|
| 20140 | 77412 | 50814 | 97161 | | | | | | |
| 20143 | 77212 | 308 0 | 98028 | 10282 | 23532 | 56300 | | | 2 60 |
| 20146 | 71012 | 31118 | 98020 | 12882 | 32400 | 55302 | 0••77 | 11232 | 35526 |
| 20150 | 71612 | 31213 | 98010 | 08281 | 21502 | 33208 | | | 27596 |
| 20166 | 74812 | 71018 | 98032 | 10883 | 22370 | 86110 | 0••75 | | 1 143 |
| 20186 | 74612 | 30902 | 97011 | 12483 | 00 11 | 36120 | 05274 | | |
| 20194 | 74412 | 10916 | 99010 | 10582 | 00902 | 16310 | 0••74 | 10922 | 2 392 |
| 20125 | 65112 | 20216 | 98020 | 14682 | 21600 | 65308 | 0••86 | 10232 | 2 346 |
| 20125 | 69112 | 81018 | 98031 | 13983 | 5335 | 66304 | | 10933 | |
| 20137 | 66212 | 21015 | 99030 | 14984 | 21 00 | 85205 | | 11034 | 15601 |
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| 20174 | 68112 | 21421 | 98020 | 14681 | 21500 | 46304 | | | 1 398 |
| 20180 | 68412 | 41416 | 98012 | 14282 | 22461 | 45300 | | 11433 | 16378 |
| 20189 | 67512 | 10915 | 98020 | 15681 | 00990 | 35402 | 0••74 | 10912 | 2 124 |
| 20190 | 68312 | 31413 | 97012 | 14284 | 22440 | 46808 | | | 1 319 |
| 20195 | 65312 | 21309 | 98020 | 16983 | 11400 | | | | |
| 20197 | 69412 | 81410 | 98031 | 17380 | 844 | 65106 | 0••75 | | 2 279 |
| 20164 | 54612 | 20718 | 98010 | 15629 | 21500 | 15300 | 00024 | | |
| 20167 | 56112 | 40812 | 8030 | 16681 | 42400 | 56310 | 05172 | | |
| 20186 | 47512 | 30909 | 98031 | 19083 | | | | | 35534 |
| 20172 | 18112 | 83212 | 98031 | 08886 | 852 | 76300 | | 132•• | 3 341 |
| 20091 | 85512 | 52509 | 98021 | 06481 | 21453 | 65100 | | | |
| 20091 | 89412 | 60504 | 97132 | 09181 | 33560 | 24312 | 0••76 | 10232 | 26956 |
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| 20022 | 40212 | 71212 | 97818 | 12682 | 74500 | 36314 | | 11332 | |
| 20033 | 47212 | 41418 | 98000 | 12583 | 21370 | 66510 | | 11422 | |
| 20006 | 39312 | 81215 | 98011 | 12582 | 2456 | 35520 | | 11534 | |
| 20031 | 23212 | 41450 | 68252 | 13582 | 41600 | 36300 | 0••75 | | 1 514 |
| | | | | | | | | | |
| 21581 | 63912 | 92309 | 95052 | 95338 | 9 0 | 35613 | | 12322 | 2 57 |
| W21500 | 45012 | 81412 | 98502 | 01846 | 85500 | 00819 | 05144 | | |
| 21505 | 33712 | 82316 | 97512 | 06151 | 863 | 65842 | | | 37286 |
| 21444 | 80512 | 82510 | 021 | 12246 | 4342 | 66300 | 0••43 | 12553 | 3 49 |
| 21487 | 72112 | 22916 | 97012 | 10145 | 265 | 64309 | | | |
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| 21420 | 60012 | 82215 | 96022 | 15050 | 5632 | | | | |
| 21478 | 66312 | 62721 | 98014 | 02045 | 56520 | 26300 | 0••41 | 12834 | 35126 |
| 21494 | 67612 | 82910 | 97605 | 97645 | 873 | 36602 | 0••44 | 12953 | 3 663 |
| 21422 | 54212 | 92527 | 95284 | 12254 | 9 0 | 65303 | 0••52 | 12545 | 1 203 |
| 21467 | 50312 | 92430 | 97025 | 03449 | 9 0 | 65302 | | | 3 76 |
| 21491 | 53812 | 82025 | 94282 | 93548 | 87700 | 63823 | | | |
| 21405 | 41512 | 82718 | 97034 | 21060 | 873 | 66402 | 0••58 | | 3 412 |
| 21436 | 46112 | 82816 | 92454 | 10855 | 86000 | | | | |
| 21450 | 42012 | 82314 | 94485 | 09745 | 863 | 25402 | | | 35683 |
| 21410 | 34612 | 94446 | 22760 | 960 | 54820 | | | | |
| 21412 | 36012 | 82010 | 93412 | 21758 | 8 | 24306 | 2 | 10222 | 37486 |
| 21429 | 38712 | 82216 | 98144 | 19658 | | 75811 | 0••58 | | 3 116 |
| 21434 | 36712 | 82722 | 97204 | 15260 | 872 | 75814 | 0••58 | 12747 | 3 396 |
| 21498 | 33312 | 82014 | 96535 | 05451 | 862 | 26310 | | | |
| 21404 | 24512 | 80218 | 96284 | 17349 | 835 | 13433 | | | |
| 21416 | 29312 | 63310 | 97022 | 23457 | 45550 | | | | |
| 21428 | 24612 | 83618 | 97032 | 19050 | 853 | | | | |
| 21462 | 24212 | 83310 | 98022 | 14656 | 872 | 00810 | | | |
| 21485 | 24912 | 91402 | 97512 | 19055 | 86325 | 00620 | 007•• | 11421 | |
| 21400 | 14612 | 72022 | 98022 | 21363 | 74461 | 11308 | 00520 | 14••• | |
| 21335 | 72612 | 82210 | 96472 | 68 | 852 | 160 | 0••68 | 12933 | |
| 21383 | 73812 | 82830 | 98020 | 15254 | 5846 | 24906 | 0••53 | 128•1 | 3 357 |
| 21316 | 55412 | 31806 | 99020 | 25173 | 11531 | 66812 | 0••66 | 11811 | 26966 |
| 21335 | 55612 | 52208 | 98021 | 22070 | 55510 | 65120 | | | |
| 21337 | 50812 | 22213 | 97021 | 27171 | 25500 | 24606 | 0••70 | 1•••• | 3 584 |
| 21312 | 41012 | 81115 | 98021 | 27864 | 834 | 56913 | 0••56 | 111•• | 3 664 |
| 21345 | 45612 | 11905 | 98030 | 28065 | 15600 | 65615 | | | |
| 21302 | 35312 | 60518 | 99022 | 26165 | 65 00 | 56812 | | | 3 420 |
| W21330 | 35012 | 80310 | 80802 | 27562 | 855 | 00812 | 05256 | 149•• | 5620 |
| 21346 | 36812 | 40000 | 93021 | 28469 | 25460 | 65612 | 0••33 | 100•0 | 1 441 |
| 21348 | 31212 | 63415 | 97031 | 24059 | 55410 | | | | |
| 21351 | 30612 | 93315 | 97462 | 26160 | 9 0 | 16820 | 0••57 | | 35146 |
| 21355 | 34212 | 63414 | 98022 | 28056 | 66600 | 74315 | | | 35684 |
| 21388 | 31712 | 83410 | 97024 | 23760 | 866 | 56816 | 0••58 | 13141 | 37606 |
| 21300 | 29912 | 60325 | 99022 | 25163 | 64400 | | | | |
| 21341 | 29412 | 33616 | 98012 | 24759 | 34500 | 63905 | | | |
| 21345 | 28012 | 53415 | 98012 | 22460 | 55500 | 33610 | 0••57 | 13444 | 3 559 |
| 21376 | 26212 | 83428 | 98502 | 19350 | 87 | 75304 | | 134•6 | 3 427 |
| 21377 | 22712 | 93218 | 98022 | 16350 | 96450 | 12734 | | | |
| 21379 | 29912 | 83109 | 96031 | 26658 | 46450 | | | | |
| 21380 | 29112 | 83412 | 98022 | 25659 | 865 | 63305 | | | |
| 21307 | 16912 | 92805 | 98022 | 13957 | 9 0 | 46706 | | 12882 | 11096 |
| 21320 | 17312 | 82502 | 99032 | 13557 | 864 | 44606 | 0••54 | 12520 | 35614 |
| 21330 | 18912 | 82603 | 96104 | 11956 | 854 | 807 | 05456 | | |
| 21334 | 19412 | 32716 | 98011 | 12554 | 37400 | 612 | 05350 | | |
| 21204 | 93612 | 10721 | 98020 | 12582 | 11500 | 55806 | 0••78 | 10744 | 1 458 |
| 21258 | 96012 | 61412 | 98031 | 11980 | 43301 | 84300 | 0••77 | 11434 | 27681 |
| 21262 | 90712 | 41610 | 98021 | 11979 | 44400 | 25300 | 0••73 | 11622 | |
| 21270 | 94012 | 71416 | 98022 | 11980 | 31642 | 25300 | 0••76 | 11442 | 27649 |
| 21284 | 90612 | 32310 | 99021 | 12580 | 21441 | 76118 | | | 27581 |
| 21289 | 93512 | 41301 | 98011 | 12780 | 32240 | 74606 | | 113•0 | 27595 |
| 21242 | 73412 | 30507 | 99021 | 20380 | 32400 | 65802 | 0••74 | | 1 731 |
| 21223 | 53512 | 61018 | 96031 | 21372 | 49450 | | | | |
| 21223 | 55512 | 61018 | 96031 | 21372 | 49450 | 56806 | 0••68 | 11033 | 3 56 |
| 21223 | 56112 | 40827 | 98151 | 20776 | 37020 | 56710 | | | |
| 21257 | 51012 | 30815 | 98022 | 19673 | 34400 | 13300 | 0••69 | 10835 | 3 568 |
| 21276 | 44012 | 50622 | 80021 | 24869 | 53400 | | | | |
| W21280 | 45012 | 20715 | 81028 | 25869 | 25500 | 00816 | 05360 | 149•• | 5321 |
| 21282 | 44412 | 20715 | 99021 | 25469 | 23310 | 55 | | | |
| 21287 | 40212 | 80814 | 98022 | 25768 | 854 | 57822 | 0••65 | | 3 87 |
| 21295 | 43612 | 30914 | 98021 | 26867 | 33300 | 16610 | 0••61 | 109•3 | 16391 |
| 21241 | 11612 | 03112 | 98020 | 10561 | 00900 | 76300 | 0••59 | 13122 | 36644 |
| 21263 | 14012 | 73220 | 98030 | 10559 | | 75308 | | | 35340 |
| 21264 | 14112 | 73313 | 98031 | 11758 | 74500 | 36601 | 05658 | 13432 | |
| 21282 | 15712 | 03225 | 98022 | 12557 | 00900 | 76308 | | | 16400 |
| 21201 | 07012 | 62399 | 80000 | 98776 | 94003 | 46080 | 0••42 | 13622 | 3 452 |
| 21114 | 90112 | 71105 | 97869 | 08181 | 52363 | 36504 | 0••80 | 11122 | 1 812 |
| 21155 | 98312 | 00003 | 99020 | 09185 | 00900 | 36300 | | | 2 455 |
| 21164 | 72712 | 30812 | 98022 | 14679 | 32400 | 306 | 0••73 | 10815 | 1 166 |
| 21102 | 68112 | 60718 | 80021 | 75680 | 62610 | | | | |
| 21168 | 68512 | 30914 | 98021 | 15278 | 31400 | | | | |
| 21192 | 26512 | 70521 | 98032 | 13968 | 74400 | 25412 | | 10524 | 35491 |
| 21169 | 18112 | 30509 | 99031 | 11575 | 00910 | 66002 | | | |
| 21187 | 04312 | 20000 | 99021 | 10876 | 11580 | 35300 | | | 27175 |
| 21053 | 76512 | 41224 | 98021 | 09382 | 28570 | 14810 | 00078 | 10935 | |
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| 22403 | 59812 | 50715 | 99011 | 14256 | 34141 | 65326 | 0••51 | 10733 | 3 259 |
| 22408 | 51512 | 50715 | 98012 | 14654 | 34532 | 56102 | 0••47 | 10722 | 35674 |
| 22446 | 61512 | 73606 | 98021 | 14643 | 74400 | 55320 | | | 3 171 |
| 22456 | 64612 | 70716 | 98022 | 12540 | 75600 | 15302 | 0••40 | | 3 115 |
| W22480 | 62012 | 82808 | 80031 | 13939 | 854 | 00306 | 05335 | 13042 | 5418 |
| 22499 | 66812 | 83207 | 98022 | 08540 | 854 | 64300 | 0••38 | 13632 | 35506 |
| 22472 | 78312 | 82903 | 98202 | 08848 | 84 25 | 25806 | 0••40 | 12882 | |
| 22355 | 42712 | 81606 | 98022 | 15067 | 66670 | | | | |
| 22355 | 48412 | 72909 | 68025 | 11970 | 77300 | 24310 | | 12953 | 37132 |
| 22361 | 49612 | 82712 | 97022 | 12568 | 864 | | | | |
| 22350 | 56112 | 82710 | 98022 | 12568 | 853 | 65330 | 0••65 | 12543 | 3 323 |
| 22361 | 57312 | 80502 | 98022 | 13265 | 864 | 43440 | 0••65 | 10333 | 35124 |
| 22376 | 57712 | 70117 | 98022 | 12264 | 78400 | 16132 | | | 35209 |
| 22377 | 52612 | 80910 | 98022 | 12967 | 8841 | 16118 | 0••59 | 107•2 | 36307 |
| 22380 | 56012 | 82503 | 97022 | 17063 | 86000 | | | | |
| 22390 | 53712 | 80525 | 96502 | 14261 | 874 | | | | |
| W22391 | 52612 | 80819 | 81022 | 13362 | 4455 | 00114 | 06657 | 10632 | |
| 22395 | 50012 | 70917 | 97205 | 11964 | 7 | 16310 | 0••59 | | 3 238 |
| W22310 | 64012 | 73206 | 82022 | 16574 | 00008 | 00203 | 06771 | 12732 | |
| 22329 | 68712 | 72512 | 97022 | 14671 | 48559 | 65206 | 0••71 | 12545 | 27184 |
| 22330 | 68012 | 82320 | 98032 | 15272 | 0092 | 77608 | | | |
| 22351 | 63512 | 82324 | 98022 | 09870 | 856 | 66106 | 0••70 | 12382 | 1 937 |
| 22383 | 61812 | 70515 | 98022 | 09559 | 77400 | 26322 | | 10542 | 27495 |
| 22305 | 78012 | 11204 | 99010 | 20772 | 14400 | 27314 | | | |
| 22371 | 77512 | 52315 | 98021 | 12564 | 54200 | 66804 | 0••59 | 12734 | 1 464 |
| 22205 | 20112 | 83215 | 96215 | 07077 | 854 | | | | |
| 22210 | 21612 | 80508 | 98182 | 09180 | 865 | 15300 | | | 35580 |
| 22211 | 26112 | 72305 | 95162 | 09586 | 75500 | | | | |
| 22217 | 26912 | 62322 | 99022 | 07985 | 41632 | | 08384 | | |
| 22243 | 29112 | 80308 | 97012 | 06572 | 7442 | | | | |
| 22275 | 30512 | 70910 | 97022 | 08074 | 76570 | | | | |
| W22286 | 34712 | 81013 | 81016 | 11171 | 2452 | 00407 | 07564 | 10633 | |
| 22293 | 37312 | 90412 | 96616 | 14068 | 96300 | | | | |
| 22283 | 42312 | 52214 | 95031 | 09075 | 34526 | | | | |
| 22277 | 53712 | 01807 | 83020 | 23279 | 00900 | | | | |
| 22286 | 53412 | 21707 | 99020 | 18379 | 215 | 64310 | 05172 | | |
| 22209 | 65212 | 83021 | 98216 | 92279 | 6746 | 65300 | | 13025 | 11021 |
| 22266 | 65212 | 09901 | 99020 | 19378 | 00900 | 64310 | | | |
| 22273 | 68012 | 02304 | 99010 | 20078 | 00900 | 66304 | | | 1 208 |
| 22207 | 78012 | 40615 | 99021 | 15280 | 42400 | | | | |
| 22224 | 77512 | 10905 | 98020 | 78 | 11500 | 65119 | 0••73 | 10820 | 35339 |
| 22183 | 17612 | 81812 | 98255 | 07180 | 833 | 36300 | 0••76 | 118•• | 3 18 |
| 22132 | 25812 | 30912 | 80021 | 10081 | 32611 | | | | |
| 22128 | 35812 | 21012 | 98021 | 11183 | 19410 | | | | |
| 22131 | 31312 | 81010 | 98185 | 09180 | 834 | 307 | 0••76 | 116•• | 37188 |
| 22131 | 33512 | 82121 | 29801 | 00888 | 22240 | 0 00 | 0••07 | 1814• | 37188 |
| 22192 | 39112 | 31605 | 97021 | 07086 | 12518 | | 08479 | | |
| 22117 | 41012 | 61007 | 98182 | 10581 | 32413 | | | | |
| 22150 | 49212 | 81913 | 97022 | 02785 | 83700 | | | | |
| 22103 | 58412 | 31200 | 80111 | 14981 | 21461 | | | | |
| 22181 | 63312 | 20817 | 99021 | 16372 | 22400 | | | | |
| 22148 | 97012 | 82315 | 98132 | 03285 | 32420 | 24315 | | 12323 | |
| 22070 | 03012 | 72005 | 99022 | 07588 | 11668 | 46306 | 0••79 | 12020 | 3 325 |
| 22095 | 40012 | 30909 | 98011 | 10282 | 28530 | | | | |
| 22030 | 56012 | 81801 | 96021 | 07579 | | | | | |
| 22068 | 52512 | 60674 | 97032 | 13586 | 55418 | | | | |
| 22072 | 66512 | 80920 | 98183 | 11580 | 824 | 302 | 0••76 | 10932 | 37218 |
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| 23745 | 18512 | 72218 | 97012 | 08105 | | | | | |
| 23716 | 24012 | 21805 | 99010 | 14708 | | | | | |
| 23601 | 03712 | 33313 | 98021 | 21310 | | | | | |
| 23665 | 09012 | 62518 | 85168 | .14443 | 69400 | | | | |
| 23562 | 02812 | 70405 | 99020 | 22110 | | | | | |
| 23572 | 02112 | 11502 | 98010 | 22111 | | | | | |
| 23594 | 02612 | 30115 | 98020 | 21408 | 31401 | 12204 | 05501 | 10144 | |
| 23414 | 06312 | 03106 | 99020 | 19224 | 00900 | 43312 | | | |
| 23412 | 12112 | 02710 | 98020 | 18322 | 00900 | 34300 | 00017 | 12723 | |
| 23368 | 00112 | 00809 | 98000 | 20221 | 00000 | 65304 | 00144 | 10531 | |
| 23372 | 10612 | 53321 | 98031 | 19672 | 52300 | 65314 | 0••70 | 13222 | 2 195 |
| 23398 | 12912 | 63315 | 98032 | 18021 | 61400 | 35300 | | | |
| 23326 | 27812 | 02905 | 98020 | 12279 | 00900 | 66702 | 0••70 | 12921 | 26985 |
| 23343 | 27212 | 03105 | 98020 | 11872 | 00900 | 26303 | 0••64 | 13022 | |
| 23226 | 37212 | 03310 | 98020 | 02786 | 00900 | 76300 | 0••81 | 13333 | 3 478 |
| 23232 | 64212 | 82709 | 98022 | 96692 | 00907 | 15810 | | | 11197 |
| 23202 | 70612 | 51813 | 99032 | 94288 | 51530 | 34602 | | | |
| 23126 | 45012 | 52310 | 98052 | 99788 | 00910 | 55822 | 0••80 | 12322 | 27065 |
| 23182 | 58612 | 52324 | 96022 | 87 | 50040 | 16 | | 12344 | |
| 23101 | 66712 | 62327 | 97161 | 06382 | 3370 | 25300 | | 123•7 | |
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| 23073 | 53612 | 82325 | 97022 | 06185 | 32 07 | 73805 | | 12347 | |
| 23097 | 57612 | 80218 | 97031 | 12964 | 88400 | 76303 | | | |
| 23041 | 78812 | 72707 | 98032 | 08882 | 53655 | 75300 | | 12720 | 3 398 |
| 23073 | 76512 | 82318 | 98022 | 97887 | 834 | 25408 | | 124•4 | |
| 23079 | 72212 | 72416 | 98158 | 06782 | 37478 | 64405 | | 12424 | |
| 23058 | 81112 | 82611 | 97028 | 08226 | 4347 | 26405 | 0••24 | 12544 | |
| 23097 | 83312 | 72306 | 98022 | 94985 | 57664 | 14300 | | | |

June 12 1951

| | | | | | | | | | |
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| 30669 | 24912 | 60328 | 98012 | 19603 | | | | | |
| 30612 | 05012 | 81327 | 97606 | 07908 | | | | | |
| W30565 | 51012 | 81005 | 37104 | 23442 | 854 | 00106 | 00040 | 149•1 | 3202 |
| 30500 | 47012 | 83413 | 97022 | 15949 | 854 | 15302 | | | |
| 30520 | 40012 | 80324 | 98012 | 08351 | 84500 | 23305 | 00144 | 10435 | |
| W30528 | 35512 | 70529 | 80022 | 08451 | 754 | 00307 | 00141 | 10548 | 1203 |
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| W30522 | 20512 | 62913 | 98012 | 02256 | 12338 | 00222 | 00055 | 12545 | |

| LOCATION OF SHIP AND TIME OF OBSERVATION YQLaLaLa | LoLoLoGG | TOT. CLD. AMT. AND WIND Nddff | VIS. AND WEATHER VVwwW | PRESSURE AND TEMP. PPPTT | CLOUDS NhCLhCMCH | SHIP SPEED AND PRESS. CHANGE DsVsapp | TEMP 0TsTsTdTd | WAVES IdwdwPwHw | SHIP NUMBER |
|---|---|---|---|---|---|---|---|---|---|
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| 30378 | 72212 | 03617 | 99300 | 17663 | 00900 | 12233 | | 14953 | 27715 |
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| 31263 | 93812 | 41812 | 98030 | 11580 | 25401 | 74502 | | 11833 | 27032 |
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| 31281 | 74412 | 01204 | 99020 | 22074 | 00000 | 27312 | | | |

June 12 1951

| Location of ship and time of observation | | Tot. cld. amt. and wind | Vis. and weather | Pressure and temp | Clouds | Ship speed and press. change | Temp | Waves | Ship number |
|---|---|---|---|---|---|---|---|---|---|
| YQLaLaLo | LoLoLoGG | Nddff | VVwwW | PPPTT | NhCLhCMCH | DsVsapp | 0TsTsTdTd | IdwdwPwHw | |
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| 31181 | 20512 | 70212 | 98022 | 08869 | 74450 | 25822 | | 10122 | 35491 |
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| 32420 | 53912 | 71106 | 98022 | 18060 | 74400 | 55602 | | | 3 171 |
| 32421 | 59712 | 70910 | 98021 | 22951 | 78829 | | | | |
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| 32482 | 73212 | 83616 | 99002 | 09841 | 856 | 15805 | 0**41 | | 3 115 |
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| 32374 | 44312 | 81810 | 97508 | 10265 | 863 | 56000 | 0**62 | 11822 | 35674 |
| 32334 | 56012 | 11809 | 99012 | 15975 | 1 1 | 66302 | 0**74 | 11820 | 1 937 |
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| 32349 | 50812 | 83203 | 98162 | 12267 | 67567 | 66328 | | 11421 | 35124 |
| 32360 | 53512 | 72309 | 99012 | 09570 | 00920 | 24608 | | 10921 | 37132 |
| 32387 | 51012 | 82416 | 98605 | 12967 | 870 | 66606 | 0**65 | 12364 | 3 259 |
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| 32232 | 25112 | 70512 | 9502 | 12681 | 718 | | | | |
| 32243 | 27812 | 70515 | 86022 | 09081 | 55400 | | | | |
| 32245 | 29212 | 60712 | 99012 | 00077 | 64530 | | | | |
| 32254 | 25012 | 60512 | 98021 | 09176 | 48520 | 85302 | | | 35580 |
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| 32233 | 30512 | 80708 | 97616 | 08079 | 88500 | | 08077 | | |
| 32281 | 30512 | 71905 | 97031 | 13374 | 76600 | | 07374 | | |
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| 32296 | 49912 | 42115 | 81031 | 20078 | 38655 | | | | |
| 32262 | 60512 | 31702 | 99010 | 20080 | 32700 | 66304 | | | 1 208 |
| 32263 | 78312 | 31110 | 98011 | 10078 | 31 60 | 66318 | | | 35410 |
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| 32132 | 38712 | 31110 | 98021 | 10592 | 33400 | 304 | 0**77 | 112** | 37188 |
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| 32166 | 93612 | 82220 | 97152 | 02282 | 853 | 35411 | | 11945 | 35557 |
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| 32034 | 55512 | 51202 | 96028 | 10079 | | | | | |
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| 32071 | 81912 | 00000 | 99030 | 08584 | 0 | 443 | | 100** | 26925 |
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| 33743 | 17012 | 72909 | 57162 | 04505 | | | | | |
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| 33561 | 01512 | 81305 | 92454 | 08113 | | | | | |
| 33426 | 09712 | 21404 | 97050 | 23476 | 22500 | 35312 | | | 1 867 |
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| 33343 | 20612 | 43208 | 96030 | 16976 | 44400 | 69702 | 0**70 | 13221 | 26985 |
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| 33152 | 82912 | 82015 | 96022 | 01488 | 2482 | 43300 | | 12457 | |
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June 13 1951

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
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| 40514 | 17212 | 81937 | 97012 | 91357 | 87410 | 24405 | 05155 | | |
| 40560 | 11712 | 81720 | 97588 | 95957 | 854 | 65940 | 00157 | 11846 | |
| W40591 | 19112 | 70114 | 98022 | 97249 | 4853 | 00713 | 05343 | 10245 | |
| 40585 | 00612 | 82902 | 94404 | 10109 | | | | | |
| 40404 | 69612 | 23602 | 98020 | 22455 | 20701 | 44310 | 00347 | 110** | |
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| 40410 | 68412 | 13615 | 98010 | 22712 | 00901 | 63326 | 00011 | 13644 | |
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| 40421 | 58412 | 81237 | 97022 | 10362 | 8342 | 74350 | 00060 | 10848 | |
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| 40375 | 73512 | 31102 | 98021 | 23662 | 00910 | 306 | 05055 | 104*5 | |
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| 40306 | 67112 | 33105 | 98012 | 21575 | 24400 | | | | |
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| 40381 | 68612 | 53315 | 98031 | 18067 | 52600 | 13322 | 05768 | 149** | |
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| 40396 | 60112 | 60218 | 98012 | 01270 | 42630 | | | | |
| 40398 | 66012 | 83622 | 97012 | 18060 | 865 | 25118 | | | |
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| 40310 | 57012 | 62418 | 80028 | 18376 | 6373 | 55300 | 00072 | | |
| 40323 | 54912 | 62320 | 97021 | 172 | 44348 | 65303 | | 12743 | |
| W40360 | 54912 | 32123 | 74021 | 09872 | 35700 | 65902 | 00166 | 12138 | 1400 |
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| 40312 | 42712 | 30406 | 98020 | 22224 | 30603 | 54302 | 000** | 12741 | |
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| W40350 | 48012 | 22411 | 80012 | 17873 | 00870 | 00414 | 00368 | 12122 | 105 |
| 40352 | 49112 | 02212 | 98020 | 17421 | | | | | |
| 40373 | 40712 | 82703 | 98023 | 01966 | 2353 | 06559 | | | |
| 40380 | 48812 | 91224 | 98032 | 15269 | 00905 | 23300 | 0**68 | 11133 | |
| 40362 | 36012 | 13410 | 99010 | 24465 | 11600 | 24310 | | 13222 | 27000 |
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| W40386 | 35212 | 12911 | 80021 | 21866 | 12600 | 23307 | 00156 | 13034 | 900 |
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## SURFACE MARINE DATA

| Location of ship and time of observation | | Tot. cld. amt. and wind | Vis. and weather | Pressure and temp | Clouds | Ship speed and press. change | Temp | Waves | Ship number |
|---|---|---|---|---|---|---|---|---|---|
| YQLaLaLo | LoLoLoGG | Nddff | VVwwW | PPPTT | NhCLhCMCH | DsVsapp | 0TsTsTdTd | IdwdwPwHw | |
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| 40311 | 17212 | 50411 | 98021 | 09024 | 51400 | 14824 | | | |
| 40363 | 12812 | 03612 | 98020 | 21368 | 00900 | 27530 | 0**** | 1*364 | 27082 |
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| 40389 | 12012 | 00309 | 98010 | 23119 | 00900 | | | | |
| 40393 | 18612 | 82112 | 98012 | 20765 | 855 | 26828 | | | 11055 |
| 40365 | 07512 | 00715 | 98020 | 18524 | 00900 | 66607 | 00820 | 11033 | |
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| 40167 | 45912 | 70925 | 97022 | 13983 | 42404 | 55302 | 0**76 | 12545 | 17076 |
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| 41464 | 31512 | 72115 | 98135 | 04154 | 78400 | | | | |
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| W41473 | 26212 | 81817 | 20585 | 16355 | 863 | 55906 | 00155 | 118*2 | 5800 |
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| 41392 | 28112 | 73404 | 92444 | 18050 | 85400 | 25802 | | | |
| 41395 | 28112 | 83404 | 92444 | 18050 | 854 | 25802 | | | 35683 |
| 41318 | 19212 | 82803 | 98606 | 11255 | 862 | 502 | 05655 | 12722 | |
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| 41337 | 18512 | 92813 | 80022 | 13268 | | | | | |
| 41381 | 12912 | 63512 | 96464 | 20062 | 76211 | 11604 | 01035 | 13*** | |
| 41225 | 95612 | 70717 | 97032 | 14680 | 72660 | 23113 | | | 27471 |
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| 41269 | 92712 | 41812 | 98030 | 15982 | 32302 | 66102 | 0**75 | 11842 | 27428 |
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| 41275 | 95712 | 81716 | 97032 | 13281 | 8931 | 26112 | | 11734 | 1 892 |
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| 41246 | 12312 | 33105 | 98011 | 10857 | 33001 | 34508 | 0**56 | 13233 | 35614 |
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| 41178 | 02812 | 20906 | 99010 | 09580 | 25500 | 36305 | 05576 | | |
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| 42454 | 72612 | 83410 | 96022 | 13343 | 857 | | 04340 | | |
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| 42335 | 37612 | 11107 | 98021 | 16072 | 16500 | | | | |
| 42394 | 39612 | 92405 | 56022 | | | | | | |
| 42301 | 44512 | 60605 | 98001 | 17675 | 58550 | 64318 | 00168 | | |
| 42310 | 45912 | 03612 | 83000 | 21571 | 00900 | | | | |
| 42312 | 48212 | 63604 | 98012 | 15972 | 64300 | 75300 | | | 11182 |
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| 42320 | 48412 | 42909 | 98012 | 19070 | | 5 66306 | 0**69 | 12920 | 1 937 |
| 42329 | 41412 | 81113 | 80032 | 21575 | | | | | |
| 42349 | 41312 | 81710 | 98022 | 10163 | 11607 | 67310 | | | |
| 42357 | 41712 | 81608 | 97022 | 10673 | 80907 | | 073** | | |
| W42366 | 43012 | 02206 | 81020 | 16967 | 00900 | 16313 | 05658 | 149** | 5200 |
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| 42386 | 46812 | 73316 | 98052 | 14957 | 74400 | 55308 | | | 3 171 |
| 42388 | 41812 | 71803 | 92021 | 16070 | 75689 | | 057** | | |
| 42347 | 55012 | 82805 | 97142 | 14668 | 77438 | 65312 | 0**68 | 12832 | 27124 |
| 42349 | 50812 | 82816 | 98022 | 10142 | 5363 | 67202 | | | |
| W42391 | 52912 | 72719 | 82028 | 10966 | 24560 | 00301 | 06761 | 11143 | |
| W42310 | 64012 | 21702 | 82011 | 21476 | 00046 | 00216 | 05480 | 14932 | |
| W42310 | 64012 | 11503 | 81011 | 21276 | 1560 | | | | |
| 42351 | 61312 | 22316 | 98014 | 14671 | 00908 | 66601 | 0**68 | 12334 | 1 464 |
| 42373 | 60112 | 72713 | 99022 | 11968 | 00920 | 24302 | | 12732 | 37132 |
| 42393 | 61612 | 82418 | 97404 | 04760 | 0092 | 66303 | | 12444 | 3 49 |
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| 42218 | 27112 | 40705 | 98022 | 95084 | 00927 | | 082** | | |
| 42227 | 26312 | 81814 | 80216 | 06578 | 845 | | | | |
| 42235 | 28312 | 51218 | 98022 | 06074 | 50540 | | | | |
| 42245 | 27012 | 70915 | 96022 | 08077 | 76600 | | 07977 | | |
| 42248 | 26212 | 70914 | 98022 | 05477 | 74500 | 56806 | 0**76 | | 3 159 |
| 42250 | 26412 | 40810 | 99022 | 06572 | | 16302 | | 10853 | |
| 42270 | 29512 | 71215 | 96022 | 09077 | 75570 | | | | |
| 42273 | 27012 | 82215 | 75602 | 03076 | 8452 | | 077** | | |
| W42289 | 34312 | 71114 | 88032 | 14474 | 00907 | 00311 | 07765 | 11131 | |

## SURFACE MARINE DATA

| Location of ship and time of observation | | Tot. cld. amt. and wind | Vis. and weather | Pressure and temp | Clouds | Ship speed and press. change | Temp | Waves | Ship number |
|---|---|---|---|---|---|---|---|---|---|
| YQLaLaLo | LoLoLoGG | Nddff | VVwwW | PPPTT | NhCLhCMCH | DsVsapp | 0TsTsTdTd | IdwdwPwHw | |
| 42248 | 50212 | 79981 | 98022 | 15481 | 32492 | 64300 | 05275 | 110*1 | |
| 42250 | 53412 | 11710 | 99011 | 18080 | 11800 | 66305 | | | 1 208 |
| 42217 | 64512 | 30914 | 99021 | 80 | 32500 | 65306 | 0**75 | 10921 | 35339 |
| 42265 | 74712 | 20906 | 99021 | 21078 | 21400 | 65002 | 0**72 | | 1 731 |
| 42280 | 78512 | 50605 | 97032 | 21779 | 3 | 66602 | | | 35410 |
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| 42157 | 18612 | 82010 | 98132 | 06886 | 7444 | 75604 | 0**83 | | 11328 |
| 42175 | 17712 | 92415 | 97032 | 06683 | 956 | | 082** | | |
| 42195 | 16512 | 72515 | 97252 | 05880 | 62470 | 76808 | | | 35679 |
| 42133 | 24812 | 81607 | 97022 | 05782 | 21522 | | 084** | | |
| 42171 | 24412 | 52004 | 98021 | 04082 | 32411 | | | | |
| 42192 | 27012 | 51720 | 97011 | 03083 | 52518 | | 084** | | |
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| 42121 | 76712 | 30512 | 97011 | 12981 | 35400 | 11303 | 0**78 | 10753 | 1 166 |
| 42199 | 76412 | 90824 | 99031 | 16980 | 03300 | | | | |
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| 42025 | 56012 | 71502 | 97021 | 08078 | 655 | | | | |
| 42029 | 56012 | 70201 | 97022 | 09080 | 75520 | | | | |
| 42083 | 73112 | 80635 | 97182 | 10980 | 824 | 301 | 0**73 | 10643 | 37218 |
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| 43563 | 06112 | 62305 | 98058 | 140 | | | | | |
| 43568 | 01712 | 42309 | 98284 | 11812 | 40850 | 55314 | 00922 | | |
| 43571 | 02312 | 92305 | 91454 | 11410 | | | | | |
| 43572 | 02112 | 92605 | 93474 | 11911 | | | | | |
| 43572 | 05612 | 58309 | 60020 | 11814 | 50844 | 15320 | | | |
| 43579 | 05212 | 92703 | 92454 | 12111 | | | | | |
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| 43366 | 13212 | 03107 | 98420 | 22473 | 00900 | 66200 | 0**69 | 13120 | 26985 |
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| 43264 | 54312 | 02705 | 97020 | 90 | 00900 | 66 | | 12721 | |
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June 14 1951

| | | | | | | | | | |
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| 50618 | 06712 | 81913 | 92454 | 00509 | | | | | |
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| 50551 | 41312 | 53317 | 98011 | 21346 | 31445 | 65120 | 00339 | | |
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| 50474 | 59412 | 80909 | 98022 | 24030 | 855 | 75300 | 00246 | 10941 | |
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| Location of ship and time of observation | | Tot. cld. amt. and wind | Vis. and weather | Pressure and temp | Clouds | Ship speed and press. change | Temp | Waves | Ship number |
|---|---|---|---|---|---|---|---|---|---|
| YQLaLaLo | LoLoLoGG | Nddff | VVwwW | PPPTT | NhCLhCMCH | DsVsapp | 0TsTsTdTd | IdwdwPwHw | |
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| 52113 | 73612 | 30712 | 98011 | 83 | 31400 | | | | |
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| 52187 | 92712 | 82509 | 98022 | 99680 | | | | | |
| 52047 | 32012 | 62003 | 99012 | 09883 | 38689 | | | | |
| 52066 | 52612 | 30612 | 99021 | 12586 | 35410 | | | | |
| 52074 | 53312 | 53605 | 80022 | 13283 | 32460 | | | | |
| 52093 | 69112 | 30915 | 98021 | 10281 | 31500 | | | | |
| 52098 | 69912 | 30612 | 97022 | 11982 | 32400 | 303 | 0**78 | 10742 | 1 166 |
| 53700 | 15712 | 22002 | 98020 | 13205 | | | | | |
| 53748 | 19012 | 41302 | 97000 | 11803 | | | | | |
| 53712 | 87012 | 20602 | 98021 | 12506 | | | | | |
| 53623 | 03112 | 91011 | 95585 | 09608 | | | | | |
| 53545 | 03512 | 32613 | 98010 | 13914 | | | | | |
| 53578 | 02812 | 72016 | 96031 | 08413 | 13696 | 34310 | 00210 | 11843 | |
| 53461 | 08312 | 82009 | 98022 | 19918 | 855 | 15100 | 005** | 12755 | |
| 53372 | 05412 | 00710 | 98020 | 21380 | 00900 | 66710 | 0**72 | 10721 | 26985 |
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| 53351 | 21812 | 03510 | 98020 | 15675 | 00900 | 36806 | | 13422 | 1 867 |
| 53352 | 82512 | 33106 | 98031 | 22524 | 35440 | 75802 | | | |
| 53324 | 30012 | 53115 | 96021 | 09524 | 51500 | 35814 | | | |
| 53258 | 35412 | 03421 | 99000 | 05483 | 00900 | 75812 | 0**69 | 13443 | 27065 |
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| 53232 | 59312 | 03203 | 99000 | 96392 | 00900 | 34608 | 0**84 | 134*1 | 1 255 |
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| 53183 | 40112 | 20313 | 97021 | 024 | 00960 | 74905 | | | |
| 53184 | 67212 | 82518 | 98022 | 97386 | 44668 | | | | |
| 53082 | 56112 | 42330 | 98020 | 06228 | 41500 | 55620 | | 13349 | |
| 53094 | 59412 | 42424 | 98021 | 06583 | 42600 | 64615 | | 13434 | |
| 53086 | 70212 | 82720 | 98252 | 07085 | 47370 | | | | |
| 53094 | 76012 | 81820 | 96188 | 06879 | 853 | 74820 | | 12945 | |
| 53000 | 87712 | 82106 | 97022 | 96886 | 8 97 | 14300 | | 13122 | |
| 53094 | 83212 | 72513 | 97022 | 08087 | 43548 | | | | |
| 53098 | 82312 | 52306 | 99021 | 04485 | 00971 | 43302 | | 12322 | |

June 15 1951

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 60667 | 24912 | 60918 | 98021 | 14605 | | | | | |
| 60620 | 13012 | 83209 | 96638 | 02809 | 864 | | | | |
| 60634 | 19512 | 81013 | 96022 | 08305 | 97550 | 74113 | | | |
| 60640 | 13012 | 80437 | 96026 | 05 | | | | | |
| 60601 | 03812 | 22518 | 97020 | 08411 | | | | | |
| 60639 | 09212 | 80530 | 96026 | 03107 | | | | | |
| W60565 | 51012 | 61726 | 64024 | 18244 | 51436 | 00300 | 00242 | 11735 | 3202 |
| W60528 | 35512 | 23130 | 80030 | 21749 | 00938 | 00108 | 05136 | 13148 | 1203 |
| 60517 | 21712 | 43609 | 98011 | 12954 | 49650 | 24300 | | | |
| 60547 | 22612 | 88430 | 98162 | 03350 | 89500 | 26613 | | | |
| W60525 | 19412 | 32517 | 99152 | 12512 | 39563 | 00300 | 05341 | 12844 | |
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| 60591 | 01812 | 62609 | 97031 | 12010 | | | | | |
| 60405 | 70412 | 90000 | 92494 | 01756 | 9 0 | 66300 | | | 1 673 |
| 60406 | 67312 | 61405 | 98252 | 06166 | 65300 | 801 | 0**65 | 11442 | 1 975 |
| 60411 | 66812 | 81313 | 96804 | 07014 | 754 | 16312 | | | |
| 60420 | 61712 | 90705 | 97212 | 14259 | 90000 | 85300 | 00059 | | |
| 60432 | 64312 | 90916 | 91474 | 13250 | | | | | |

SURFACE MARINE DATA

June 15 1951

| LOCATION OF SHIP AND TIME OF OBSERVATION | | TOT. CLD. AMT. AND WIND | VIS. AND WEATHER | PRESSURE AND TEMP | CLOUDS | SHIP SPEED AND PRESS. CHANGE | TEMP | WAVES | SHIP NUMBER |
|---|---|---|---|---|---|---|---|---|---|
| YQLaLaLa | LoLoLoGG | Nddff | VVwwW | PPPTT | NhCLhCMCH | DsVsapp | 0TsTsTdTd | IdwdwPwHw | |
| 60470 | 60812 | 62620 | 98165 | 24455 | 53465 | 66306 | | | 1 576 |
| 60494 | 65712 | 90000 | 97022 | | | | | | |
| 60401 | 52612 | 60519 | 98001 | 11963 | 22207 | 25510 | | | |
| 60401 | 56312 | 90916 | 98032 | 13559 | 9 0 | 25304 | 0**63 | 10949 | 1 847 |
| 60402 | 50212 | 80910 | 97616 | 12067 | 87400 | 26300 | 05365 | | |
| 60404 | 54012 | 80709 | 98022 | 11966 | .844 | 25310 | | 10622 | 1 739 |
| 60405 | 57412 | 70709 | 98022 | 72 | 61509 | 66310 | | 10922 | |
| 60406 | 57112 | 80708 | 99012 | 14267 | 846 | 25302 | | | 11082 |
| 60408 | 53212 | 80718 | 98022 | 12961 | 882 | 339 | 0**57 | 10582 | 37245 |
| 60409 | 55112 | 80615 | 98628 | 12966 | 864 | 28302 | | | 1 178 |
| 60415 | 54812 | 80717 | 97025 | 14953 | 858 | 26306 | | 1073·3 | 1 92 |
| 60434 | 59212 | 81109 | 93124 | 14653 | | | | | |
| 60438 | 58512 | 80614 | 96432 | 19053 | 894 | 15511 | 0**52 | 10923 | 3 274 |
| 60439 | 58512 | 60910 | 97054 | 18051 | 44400 | 16311 | 0**50 | | 3 657 |
| 60441 | 58312 | 80912 | 97424 | 17050 | 864 | 206 | 00149 | 10664 | |
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| 60405 | 47012 | 80718 | 97505 | 09158 | 85 | 66811 | 0**58 | 10734 | 1 883 |
| 60428 | 44812 | 70728 | 98022 | 13962 | 76200 | 84807 | 0**62 | 10635 | |
| 60433 | 40312 | 81130 | 98022 | 19365 | 853 | 15320 | 0**60 | 11145 | |
| W60440 | 41012 | 81020 | 74802 | 21561 | 3155 | 00300 | 05258 | 11232 | 904 |
| 60443 | 44812 | 91008 | 96101 | 18058 | 11111 | 56808 | 0**58 | 11022 | 17620 |
| 60452 | 44512 | 91117 | 97021 | 14265 | 84620 | 55803 | | | |
| 60436 | 33412 | 71806 | 99021 | 25163 | 72552 | 66304 | | | 15103 |
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| 60482 | 35512 | 72913 | 98022 | 26155 | 78860 | 54312 | 0**50 | 13432 | 26924 |
| 60422 | 20012 | 40001 | 98021 | 275 | 31540 | 65312 | | 13000 | 27145 |
| 60422 | 23012 | 22504 | 99020 | 29719 | 01905 | 54307 | | | |
| 60443 | 29912 | 52707 | 98021 | 25758 | 54400 | 65310 | 0**55 | 12732 | 11203 |
| 60485 | 26112 | 62916 | 98018 | 20854 | 42460 | 25301 | 0**46 | 13134 | |
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| 60495 | 23812 | 12720 | 98018 | 17814 | 12400 | 64411 | | 12958 | |
| 60420 | 15312 | 20204 | 98021 | 29219 | 31700 | 23112 | | | |
| W60450 | 16012 | 22710 | 98020 | 27016 | 28502 | 00308 | 0**10 | 12852 | |
| 60450 | 17712 | 42811 | 98030 | 26261 | 42600 | 56308 | 0**59 | 12944 | |
| 60465 | 18112 | 12708 | 98000 | 25460 | 19400 | 15300 | | | 37176 |
| 60466 | 15512 | 62710 | 98030 | 23461 | 62523 | 55330 | 0**57 | 12721 | 26834 |
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| 60486 | 18512 | 52316 | 99031 | 21759 | 22502 | 25300 | 0**48 | 12824 | 2 292 |
| 60489 | 17412 | 12412 | 99011 | 20760 | 12400 | 15300 | | | 1 320 |
| 60426 | 09812 | 53615 | 97022 | 24024 | 21446 | 45920 | | | |
| 60471 | 06312 | 13004 | 98021 | 23418 | 11300 | 15412 | | | |
| 60485 | 05412 | 32709 | 98014 | 24061 | 32300 | 53112 | | | |
| 60486 | 05412 | 02506 | 98000 | 02419 | 10000 | 55102 | | | |
| 60489 | 08812 | 12512 | 98010 | 23768 | 11500 | 113 | | | |
| 60497 | 08112 | 22407 | 98020 | 21664 | 22500 | 24328 | | 12643 | 27634 |
| 60498 | 08012 | 12710 | 98020 | 21059 | 11400 | 66307 | | | 3 413 |
| 60315 | 80112 | 82510 | 98022 | 13276 | 844 | 54310 | | 12532 | |
| 60301 | 71712 | 62710 | 99621 | 14973 | 12460 | 85308 | | 12722 | |
| 60305 | 75012 | 82406 | 98031 | 14278 | 4452 | 86810 | | | |
| 60305 | 77312 | 72110 | 98142 | 15280 | 23430 | 56302 | | | 35485 |
| 60306 | 79612 | 72714 | 99032 | 13281 | 28550 | 16402 | 0**76 | 12733 | 26705 |
| 60318 | 78512 | 82307 | 98159 | 13280 | 63407 | 45312 | 0**80 | | 11604 |
| 60323 | 71612 | 72715 | 98038 | 14677 | 48352 | 85310 | | 12733 | |
| 60324 | 75712 | 72310 | 98031 | 12278 | 76300 | 55300 | | 12333 | 16300 |
| 60324 | 75812 | 62507 | 98031 | 10582 | 58411 | 55312 | 0**78 | 12522 | |
| 60340 | 74012 | 51309 | 64022 | | | | | | |
| 60340 | 76612 | 90502 | 98031 | 13545 | 00090 | 15316 | | | |
| 60344 | 75512 | 43210 | 98012 | 13276 | 42332 | 45316 | | | 1 392 |
| 60347 | 72112 | 42715 | 99012 | 13275 | 40610 | 85202 | | 12732 | 15601 |
| 60350 | 73812 | 43206 | 99031 | 12977 | 00911 | 46316 | | | 2 27 |
| 60356 | 75012 | 83215 | 97022 | 13967 | 00977 | 85320 | 0**61 | 13222 | 27647 |
| W60360 | 70012 | 82414 | 80031 | 11273 | 0097 | 00407 | 00165 | 12732 | 808 |
| 60366 | 71612 | 62910 | 99032 | 10570 | 32681 | 65316 | | | |
| 60370 | 75312 | 33607 | 98019 | 13962 | 00831 | | | | |
| 60371 | 72512 | 63110 | 98022 | 11266 | 54560 | 84338 | 05260 | | |
| 60372 | 74612 | 23210 | 97050 | 12961 | | 85320 | | | 11090 |
| 60375 | 72712 | 53203 | 98011 | 13266 | 44400 | 46105 | 0**64 | 13283 | 1 498 |
| 60379 | 72712 | 23214 | 98020 | 12066 | 23400 | 45305 | 00058 | | |
| 60386 | 73812 | 03210 | 97050 | 09861 | 00900 | 85306 | 0**58 | 13211 | |
| 60397 | 72812 | 83116 | 98022 | 10456 | 459 | | | | |
| 60306 | 69812 | 72515 | 98192 | 15274 | 53570 | 84606 | | | |
| 60307 | 69812 | 72515 | 98192 | 15274 | 53570 | 84606 | 0**68 | 12522 | 11062 |
| 60368 | 63912 | 80903 | 98022 | 10866 | 6437 | 66204 | | | 11205 |
| W60387 | 66512 | 71426 | 64808 | 08468 | 6542 | 64612 | 05663 | 11435 | 1400 |
| 60393 | 69912 | 72721 | 98022 | 08859 | 74500 | 56310 | | 12744 | 1 952 |
| 60394 | 60012 | 82509 | 98252 | 09768 | 4551 | 23300 | 05261 | 109** | |
| 60347 | 57312 | 42706 | 99031 | 16132 | 418 | 54308 | 002** | 13133 | |
| 60360 | 56112 | 33607 | 99021 | 14672 | 31400 | 26308 | 0**64 | | 1 513 |
| 60363 | 53512 | 33115 | 98012 | 99074 | 35500 | | | | |
| 60365 | 54712 | 43113 | 80021 | | | | | | |
| 60391 | 54812 | 70810 | 97032 | 13269 | 74265 | 24304 | 0**63 | 10537 | |
| 60394 | 56212 | 70910 | 98022 | 13571 | 74410 | 15808 | 0**67 | 15940 | 2 506 |
| 60395 | 52512 | 40316 | 99012 | 10866 | 41400 | 25100 | | | |
| 60303 | 44512 | 52812 | 98101 | 16025 | 57510 | 55500 | | | |
| W60350 | 48012 | 82627 | 80022 | 09871 | 855 | 00311 | 00366 | 12546 | 105 |
| 60359 | 46312 | 52320 | 98021 | 09672 | 36510 | 14305 | 00367 | 12344 | |
| 60374 | 44212 | 71712 | 97031 | 08572 | 51410 | 55607 | 0**66 | 14933 | |
| 60387 | 41212 | 91614 | 97602 | 12265 | 973 | 66818 | | | 1 375 |
| 60389 | 38112 | 91416 | 97416 | 16966 | 9 0 | 68820 | | | 11211 |
| 60391 | 33412 | 81510 | 97532 | 25962 | 873 | 64 | 0**61 | 115*1 | |
| 60395 | 30412 | 91805 | 99000 | 26464 | 9 0 | 54300 | | | |
| 60348 | 28212 | 30503 | 98016 | 24488 | 31400 | 65303 | | 10532 | 27082 |
| 60351 | 23912 | 40512 | 98012 | 25771 | 23511 | 24310 | | 10422 | 27000 |
| 60382 | 22112 | 00910 | 97000 | 26868 | 00900 | 24000 | 0**62 | 12912 | 27642 |
| 60383 | 27612 | 13506 | 98030 | 26466 | 12400 | 55306 | | 11411 | 26871 |
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| 60317 | 12812 | 50013 | 96030 | 14612 | 31400 | 54347 | | | |
| 60352 | 19712 | 50711 | 98012 | 24781 | 41481 | 65308 | 0**71 | 107** | 2 195 |
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| 60376 | 13212 | 80310 | 97022 | 15023 | 86500 | 14303 | | | |
| 60378 | 15812 | 80610 | 98022 | 25166 | 884 | 810 | 0**63 | 10422 | 3 512 |
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| 60395 | 11012 | 31013 | 98012 | 23870 | 00061 | 46310 | | | |
| 60344 | 08112 | 22116 | 96020 | 16523 | 26200 | 47300 | | | |
| 60365 | 02812 | 10910 | 99020 | 19380 | 00980 | 66222 | 0**68 | 10921 | 26985 |
| 60369 | 00112 | 00513 | 98020 | 19922 | 00900 | 66300 | | | |
| 60370 | 01712 | 00807 | 98020 | 20024 | 00900 | 15310 | | | |
| 60396 | 09712 | 80118 | 82022 | 20864 | 856 | 84310 | | | |
| 60207 | 86712 | 20910 | 99012 | 15683 | 21300 | 45406 | | | 16334 |
| 60212 | 85312 | 20203 | 98031 | 15281 | 12001 | 54502 | | 11434 | 1 251 |
| 60235 | 88512 | 40708 | 98011 | 17380 | 44500 | 34106 | | | |
| 60242 | 82212 | 30910 | 98031 | 15984 | 31400 | 26108 | | 10911 | .1 892 |
| 60244 | 82412 | 00000 | 99001 | 83 | 00900 | 64304 | 0**78 | | |
| 60244 | 82712 | 20506 | 99010 | 14687 | 21301 | 65300 | 0**76 | 100*0 | |
| 60246 | 80812 | 41803 | 99171 | 17385 | 42300 | 65312 | 0**77 | 11821 | 27103 |
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| 60250 | 80412 | 12704 | 99020 | 16678 | 433 | 55300 | | | 27662 |
| 60250 | 84312 | 21810 | 98010 | 14684 | 21400 | 36106 | | 11851 | 2 593 |
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| 60279 | 85812 | 62208 | 98012 | 15980 | 42310 | 24306 | | 12232 | 27032 |
| 60282 | 88612 | 32310 | 98021 | 15981 | 33501 | 35408 | 0**74 | 12321 | 2 103 |
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| 60223 | 74412 | 31203 | 98020 | 15982 | 32410 | 86303 | 0**78 | 11231 | 11191 |
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| 60289 | 78112 | 32310 | 98011 | 12581 | 32642 | 56316 | | 12323 | |
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| 60223 | 64712 | 41217 | 98021 | 17382 | 32609 | 66306 | | | |
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| 60263 | 68212 | 11811 | 99020 | 21081 | 11500 | | | | |
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| 60296 | 64412 | 42313 | 98012 | 18478 | 44342 | 45320 | 00074 | 12332 | |
| 60298 | 61912 | 12414 | 99010 | 19280 | 00001 | 15105 | 00371 | 13654 | |
| 60227 | 56812 | 30503 | 98021 | 23527 | 32501 | 56305 | 052** | 10211 | |
| 60242 | 51712 | 10000 | 98002 | 20027 | 15100 | 54305 | 051** | 13067 | |
| 60261 | 59612 | 30000 | 98021 | 22077 | 34400 | 65314 | 0**71 | | 2 29 |
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| 60293 | 11512 | 82512 | 99031 | 14085 | 88540 | | 08776 | | |
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| 60162 | 65212 | 60715 | 97022 | 14328 | 63600 | 15504 | | | |
| 60166 | 62212 | 30918 | 98021 | 16984 | 31311 | 15314 | | 10944 | |
| 60167 | 67112 | 70915 | 99031 | 14684 | 21508 | 45304 | 0**76 | 10934 | 1 988 |
| 60182 | 68212 | 00910 | 98001 | 17682 | 00900 | 85307 | | 10947 | |
| 60188 | 63112 | 51014 | 99030 | 17283 | 42650 | 16417 | 05274 | 11124 | |
| 60192 | 64712 | 61113 | 99030 | 15282 | 62600 | 54610 | 05175 | 11245 | |
| 60163 | 40112 | 10910 | 99021 | 18079 | 12680 | 35310 | 0**79 | 10943 | 17259 |
| 60152 | 33012 | 80515 | 98022 | 16977 | 80 | 75308 | | 10545 | 1 505 |
| 60130 | 21112 | 31119 | 98010 | 17977 | 22501 | 35111 | | 11245 | |
| 60072 | 81912 | 72805 | 98022 | 06683 | 79300 | 75405 | 0**79 | 12821 | 35526 |
| 60081 | 83412 | 80000 | 99032 | 07580 | 32572 | 35703 | | | 27175 |
| 60020 | 40312 | 31413 | 98031 | 12481 | 22434 | 35109 | 0**74 | 11232 | 27194 |
| 60084 | 19912 | 70201 | 98012 | 13582 | 74390 | 36302 | | | 1 544 |
| 61525 | 70112 | 13212 | 98011 | 06141 | 11500 | 55332 | | | 37286 |
| 61545 | 63912 | 90630 | 16216 | 99746 | 97320 | | | | |
| 61526 | 58512 | 81440 | 97202 | 98346 | 8 | 25820 | 0**46 | | 3 115 |
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| 61475 | 75812 | 73416 | 98021 | 18345 | 73200 | 26102 | 0**41 | | 3 238 |
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| 61423 | 69912 | 52918 | 98012 | 23048 | 51300 | 65304 | 0**48 | | 3 412 |
| 61455 | 67112 | 92727 | 97606 | 17648 | 9 0 | 63330 | 0**45 | | 3 116 |
| 61482 | 67612 | 82924 | 98012 | 07845 | 874 | 65314 | 0**41 | 19963 | 3 396 |
| 61415 | 56512 | 91698 | 96282 | 24558 | | | | | |
| 61424 | 55812 | 82013 | 97022 | 23752 | 0093 | 56816 | 0**52 | 12033 | 37606 |
| 61431 | 51112 | 81715 | 97022 | 27854 | 884 | 64302 | 0**54 | 11733 | 3 357 |
| 61449 | 59612 | 82511 | 98022 | 15249 | 895 | 16322 | 0**45 | 12574 | 27495 |
| 61408 | 36012 | 83612 | 97022 | 32059 | 886 | 74300 | | 13433 | 35686 |
| 61415 | 30912 | 70122 | 98032 | 28854 | 74400 | 36818 | 0**47 | 15230 | 35126 |
| 61446 | 32112 | 80315 | 98022 | 32953 | 88300 | 16812 | | | |
| 61492 | 35012 | 72905 | 98031 | 36650 | 72400 | 66813 | 0**43 | 12655 | 37347 |
| 61404 | 24512 | 70213 | 93284 | 14952 | 760 | 10233 | | | |
| 61428 | 24612 | 03624 | 97104 | 18649 | | | | | |
| 61449 | 25012 | 3640 | 97022 | 23456 | | 85304 | | 13638 | 36702 |

| LOCATION OF SHIP AND TIME OF OBSERVATION | | TOT. CLD. AMT. AND WIND | VIS. AND WEATHER | PRESSURE AND TEMP | CLOUDS | SHIP SPEED AND PRESS. CHANGE | TEMP | WAVES | SHIP NUMBER |
|---|---|---|---|---|---|---|---|---|---|
| YQLaLaLa | LoLoLoGG | Nddff | VVwwW | PPPTT | NhCLhCMCH | DsVsapp | 0TsTsTdTd | IdwdwPwHw | |
| 61462 | 24212 | 63223 | 98012 | 15254 | 862 | 00308 | | | |
| 61485 | 24912 | 80000 | 93440 | 19655 | 8 00 | 00101 | 007** | 12344 | |
| 61344 | 71012 | 52302 | 97030 | 25565 | 28631 | 65005 | | | |
| 61342 | 63512 | 00000 | 99020 | 25767 | 00900 | 65702 | 0**59 | 100** | 1 441 |
| 61359 | 53512 | 11110 | 98021 | 28467 | 12 00 | 65802 | 0**65 | 11122 | 3 427 |
| 61372 | 50112 | 31804 | 98011 | 29566 | | | | | |
| 61341 | 42212 | 70915 | 98028 | 68 | 43420 | 263 | 0**64 | 13044 | |
| 61341 | 48112 | 20814 | 99011 | 30067 | 245 0 | 64905 | | | |
| 61324 | 34112 | 80229 | 97022 | 21363 | 863 | 56807 | 0**61 | 10235 | 3 57 |
| 61328 | 33512 | 80221 | 97022 | 21062 | 854 | 56602 | 0**61 | 10232 | 3 13 |
| W61330 | 35012 | 80224 | 80502 | 21761 | 863 | 00815 | 05359 | 149** | 5620 |
| 61336 | 30012 | 80221 | 98505 | 18657 | 872 | 63300 | | 14958 | 1 502 |
| 61336 | 35212 | 70522 | 97152 | 21361 | 75400 | | 0**61 | 10635 | 3 568 |
| 61378 | 34612 | 70430 | 99022 | 26458 | 74400 | 25810 | | 10945 | 35501 |
| W61380 | 36012 | 80523 | 80022 | 30859 | 854 | 55809 | 05352 | 10235 | 5800 |
| 61381 | 31712 | 70122 | 98011 | 21057 | 75600 | 66320 | 0**56 | | 35562 |
| 61389 | 33912 | 43616 | 98012 | 28157 | 41200 | 66310 | 0**52 | 13622 | 35663 |
| 61337 | 29612 | 80228 | 97022 | 18061 | 884 | 24810 | 0**60 | 1**** | 3 584 |
| 61349 | 21212 | 80000 | 98022 | 15657 | 864 | 00606 | 0**57 | 12642 | 3 559 |
| 61376 | 25412 | 90121 | 96494 | 16352 | 9 0 | 65206 | | 10156 | 3 656 |
| 61377 | 22712 | 91409 | 96284 | 16053 | | | | | |
| 61310 | 17012 | 73203 | 98022 | 16962 | 74 00 | 36806 | 0**56 | 132** | 3 594 |
| 61330 | 18612 | 82811 | 96515 | 16056 | 86 | | | | |
| 61205 | 96612 | 51103 | 99002 | 14682 | 51300 | 34000 | 0**78 | | 27741 |
| 61264 | 95912 | 51810 | 98030 | 13282 | 54300 | 44612 | 0**78 | 11832 | 27681 |
| 61275 | 90612 | 71910 | 99021 | 15280 | 11306 | 35708 | 0**74 | 11981 | |
| 61277 | 90412 | 32012 | 99032 | 15283 | 24501 | 75112 | 0**79 | 12021 | 17705 |
| 61280 | 91512 | 21208 | 98011 | 15680 | 15641 | 35104 | 0**78 | 11222 | 27728 |
| 61282 | 95112 | 61710 | 98051 | 15680 | 42332 | 25702 | 0**76 | 11732 | 27428 |
| 61235 | 88512 | 40708 | 98011 | 17380 | 44500 | 23106 | | | 27471 |
| 61271 | 88712 | 61806 | 99021 | 16682 | 00817 | 35302 | 0**79 | 11821 | 27796 |
| 61212 | 50612 | 50720 | 9 518 | 18374 | 57600 | 25606 | 0**71 | 10743 | 27221 |
| 61251 | 51712 | 40916 | 98251 | 20373 | 43 00 | 16300 | | | 3 499 |
| 61290 | 50112 | 60814 | 99022 | 25472 | 5236 | 54614 | | | |
| 61272 | 48312 | 40715 | 98021 | 22071 | 43500 | 17802 | 0**69 | | 3 87 |
| W61275 | 46012 | 70721 | 81028 | 23071 | 52530 | 15818 | 00063 | 10745 | 2400 |
| W61280 | 45012 | 80715 | 74518 | 21569 | 865 | 00617 | 05465 | 149** | 5321 |
| 61293 | 49112 | 80914 | 98031 | 22073 | 873 | 408 | 0**66 | 10944 | 37206 |
| 61299 | 36312 | 80325 | 98258 | 21066 | 845 | 26820 | 0**61 | | 36113 |
| 61256 | 13512 | 03515 | 99022 | 11962 | 00900 | 36600 | | | 16400 |
| 61279 | 15612 | 80108 | 99022 | 14262 | 848 | 36812 | 0**59 | 10123 | 35136 |
| 61117 | 91312 | 70713 | 98030 | 00918 | 20036 | 03491 | 0**07 | 1909** | 3 452 |
| 61127 | 99512 | 30910 | 99010 | 11584 | 22610 | 66306 | 0**80 | 107*2 | 3 211 |
| 61154 | 98612 | 33303 | 99030 | 12586 | 32300 | 35312 | | 100*0 | 11096 |
| 61134 | 79612 | 40912 | 96031 | 14282 | 22450 | 66308 | 0**77 | 10932 | 3 56 |
| 61157 | 73212 | 21007 | 97021 | 15680 | 21400 | 66302 | 0**76 | 11132 | 3 56 |
| 61144 | 67312 | 0718 | 99020 | 14278 | 1600 | | | | |
| 61134 | 02812 | 40910 | 99021 | 09883 | 31501 | 25514 | 0**83 | 10922 | 35491 |
| 61181 | 04412 | 33001 | 98021 | 12283 | 00945 | 00 | | 11843 | 35046 |
| 61194 | 05312 | 80904 | 99031 | 12280 | 843 | 43106 | 0**68 | 10911 | 35614 |
| 61198 | 06012 | 82903 | 99031 | 11580 | 7533 | 76300 | 0**74 | | 37256 |
| 61034 | 69612 | 40910 | 96031 | 14282 | 22440 | 308 | | | |
| 62875 | 57012 | 80915 | 98021 | 74381 | 51410 | | | | |
| 62427 | 55012 | 60000 | 99022 | 19656 | 64500 | 16402 | | 100*0 | 3 333 |
| W62445 | 55712 | 02107 | 81020 | 19948 | 00900 | 15901 | 00144 | 149** | 5200 |
| 62446 | 55312 | 01803 | 98020 | 20754 | 00900 | 16300 | 0**47 | 11132 | 3 304 |
| 62437 | 67512 | 82302 | 97032 | 18149 | 886 | | | | |
| W62480 | 62012 | 82509 | 80022 | 16841 | 853 | 00300 | 05139 | 12832 | 5418 |
| 62419 | 74012 | 82704 | 97022 | 28050 | 6557 | | | | |
| 62422 | 74812 | 83208 | 97022 | 24051 | 854 | 65108 | 0**41 | 13234 | 1 203 |
| 62307 | 33712 | 82024 | 97022 | 99379 | 896 | 66802 | 0**78 | 12053 | 1 937 |
| 62312 | 35512 | 82329 | 35612 | 02076 | 5742 | 43308 | 07674 | 12346 | |
| 62316 | 35812 | 81835 | 97636 | 02776 | 874 | 64606 | 00276 | 118*9 | |
| 62324 | 36212 | 9 318 | 18205 | 98375 | | | | | |
| 62336 | 39612 | 82220 | 97616 | 02773 | 862 | 308 | | | 3 634 |
| 62337 | 37812 | 80315 | 97614 | 10767 | 832 | 57814 | 0**67 | 10347 | 1 818 |
| 62310 | 46112 | 42516 | 98034 | 12276 | 00908 | 66300 | 0**75 | 12522 | 1 464 |
| 62348 | 41812 | 82027 | 97616 | 00774 | 77477 | 65836 | ·0**74 | 12066 | 27124 |
| 62379 | 45312 | 81429 | 97608 | 10262 | 4747 | 15500 | | | 27183 |
| 62382 | 44212 | 81121 | 98022 | 09565 | 884 | 54836 | 0**62 | 11446 | 35506 |
| 62385 | 46912 | 81519 | 96636 | 09262 | 87500 | | | | |
| 62394 | 42112 | 90000 | 20525 | 14658 | 95300 | | | | |
| 62314 | 55412 | 11404 | 98016 | 19078 | 00905 | 66002 | | | 35410 |
| W62390 | 53112 | 81415 | 81612 | 19963 | 2742 | 00103 | 06853 | 10641 | |
| W62310 | 64012 | 21602 | 81012 | 21777 | 21670 | 00303 | 05473 | | |
| 62316 | 73812 | 20906 | 98022 | 23074 | 25400 | 66302 | 0**68 | 10920 | 26966 |
| 62393 | 71512 | 61605 | 99022 | 22458 | 00930 | 24302 | | 11620 | 37132 |
| 62210 | 14112 | 82312 | 99022 | 99783 | | | | | |
| 62214 | 15712 | 82420 | 96032 | 08186 | 874 | | | | |
| 62224 | 15412 | 81802 | 98032 | 99468 | 696 | 24817 | | | |
| 62236 | 19512 | 82320 | 97802 | 99277 | 6847 | | | | |
| 62250 | 19812 | 90818 | 32032 | 98380 | 64300 | | | | |
| 62234 | 22112 | 82305 | 98022 | 96681 | 820 | 16822 | | 12323 | 36920 |
| 62234 | 25412 | 71823 | 96012 | 04080 | 566 | | | | |
| 62240 | 28012 | 71813 | 98032 | 00682 | 5350 | | | | |
| 62244 | 26712 | 72319 | 75012 | 08077 | 48520 | | | | |
| 62274 | 28812 | 81820 | 98038 | 00826 | 6632 | 15804 | 00225 | 11933 | |
| 62226 | 39012 | 71710 | 98031 | 11284 | 52616 | 66301 | | | 1 208 |
| 62252 | 30112 | 61409 | 98031 | 96081 | 00916 | | | | |
| W62296 | 35012 | 82227 | 60808 | 03176 | 1347 | 00302 | 07675 | 11847 | |
| 62297 | 35212 | 82227 | 60808 | 03176 | 1347 | 00302 | | | |
| 62285 | 62912 | 20404 | 99011 | 20380 | 21100 | 65300 | 0**78 | | 1 731 |
| 62298 | 63112 | 51404 | 98021 | 51078 | 52341 | 66200 | | | 35410 |
| 62120 | 13212 | 32316 | 98021 | 12586 | 30701 | | | | |
| 62149 | 15012 | 92430 | 97032 | 06985 | 95625 | | | | |
| 62183 | 15312 | 22318 | 99020 | 00684 | 00 30 | 45302 | 05075 | 123*3 | |
| 62190 | 13612 | 72424 | 98022 | 00284 | 4622 | | | | |
| 62154 | 26812 | 61920 | 98012 | Q5082 | 60622 | | 08380 | | |
| 62175 | 27012 | 72012 | 97022 | 03582 | 724 | | | | |
| 62146 | 54612 | 30977 | 99021 | 09182 | 32300 | | | | |
| 62190 | 52212 | 20810 | 99010 | 82 | 13540 | 65308 | 0**75 | 10821 | 35339 |
| 62032 | 09112 | 12309 | 99021 | 11285 | 19443 | 26312 | | | 37117 |
| 62025 | 56512 | 50504 | 97022 | 08081 | | | | | |
| 62068 | 52612 | 60510 | 97032 | 13284 | 35410 | | | | |
| 63748 | 19012 | 83005 | 97022 | 1903 | | | | | |
| 63721 | 27712 | 80422 | 86902 | | | | | | |
| 63705 | 31312 | 62102 | 99022 | 01907 | | | | | |
| 63601 | 04012 | 80309 | 98021 | 10808 | | | | | |
| 63642 | 08212 | 80212 | 80309 | 96632 | 14210 | | | | |
| W63659 | 02212 | 80913 | 99022 | 08006 | 855 | 00806 | 05403 | | |
| 63538 | 03312 | 22302 | 97030 | 20315 | | | | | |
| 63553 | 06412 | 32710 | 98020 | 14917 | 12950 | 00,308 | | | |
| 63569 | 04412 | 52805 | 99031 | 16613 | | | | | |
| 63581 | 02612 | 72805 | 97028 | 10617 | | | | | |
| 63369 | 02412 | 00509 | 98020 | 21 | 00900 | 00219 | | | |
| 63374 | 07212 | 10712 | 98020 | 20376 | 10530 | 27202 | | | |
| 63398 | 07712 | 11802 | 98020 | 19523 | 10902 | 35303 | | | |
| 63368 | 16612 | 00512 | 99020 | 19376 | 00900 | 25606 | | | |
| 63322 | 27812 | 62910 | 98030 | 11579 | 62500 | 33300 | | 12932 | 1 867 |
| 63347 | .21512 | 03510 | 98020 | 16374 | 00900 | 65326 | 0**68 | 13533 | 3 478 |
| 63223 | 37612 | 33409 | 98020 | 047 | 00901 | 74005 | | | |
| 63202 | 60012 | 02335 | 99000 | 99086 | 00900 | 43708 | 0**81 | 12356 | 1 255 |
| 63225 | 61212 | 02400 | 97050 | 96690 | 00900 | 73503 | | 1242* | |
| 63203 | 88712 | 72212 | 98020 | 95084 | 3 59 | 33680 | | | |
| 63100 | 55212 | 12218 | 98020 | 06784 | 00900 | 64822 | | 12234 | |
| 63130 | 53112 | 01825 | 99020 | 01982 | 00900 | 24611 | | | |
| 63145 | 50212 | 12021 | 98020 | 01787 | 00901 | 16618 | 0**79 | 11653 | 15229 |
| 63173 | 56412 | 02230 | 98051 | 00380 | 00900 | 54812 | 0**77 | 12235 | |
| 63191 | 58512 | 52130 | 97021 | 99783 | 0098 | 55806 | 0**78 | 12137 | 16381 |
| 63125 | 74612 | 82715 | 96188 | 00683 | 8932 | 73810 | | 12647 | |
| 63154 | 70012 | 52717 | 48162 | 05084 | 53786 | | | | |
| 63193 | 89212 | 82506 | 98016 | 00883 | 45 2 | 33300 | | 125*6 | |
| 63029 | 52812 | 62020 | 98030 | 09382 | 62500 | 55620 | | 12023 | |
| 63030 | 56712 | 32235 | 97020 | 02080 | 3 93 | 24561 | | | |
| 63062 | 79512 | 22508 | 97168 | 09781 | 5352 | 25412 | | 12733 | |
| 63076 | 75912 | 72715 | 99022 | 08374 | 10970 | | | | |
| 63078 | 77712 | 82712 | 98022 | 08879 | 0093 | ·65306 | 0**75 | 1*758 | |
| 63022 | 81012 | 72302 | 98068 | 13182 | 42550 | 35000 | | 12320 | |
| 63031 | 81512 | 72411 | 99165 | 07681 | 836 | 63101 | | 12222 | |
| 63057 | 85612 | 72110 | 98022 | 06281 | 38698 | 26606 | | 12135 | |

June 16 1951

| LOCATION OF SHIP AND TIME OF OBSERVATION | | TOT. CLD. AMT. AND WIND | VIS. AND WEATHER | PRESSURE AND TEMP | CLOUDS | SHIP SPEED AND PRESS. CHANGE | TEMP | WAVES | SHIP NUMBER |
|---|---|---|---|---|---|---|---|---|---|
| 70634 | 21612 | 33105 | 98020 | 15808 | 00941 | | | | |
| 70626 | 10612 | 80211 | 96616 | 12006 | | | | | |
| 70602 | 04112 | 72705 | 98032 | 11810 | | | | | |
| 70500 | 60812 | 71212 | 98016 | 20653 | 56510 | .25310 | 05149 | 110** | |
| W70565 | 51012 | 82122 | 64022 | 19144 | 00·91 | 00317 | 00241 | 12135 | 3202 |
| 70512 | 44612 | 01809 | 80000 | 30008 | 00900 | 16320 | 058** | 10545 | |
| 70528 | 47312 | 72013 | 99022 | 28050 | 00907 | 26318 | 05246 | | |
| 70537 | 47412 | 61810 | 99031 | 26649 | 00970 | 66400 | 00445 | 12333 | |
| W70528 | 35512 | 63115 | 80031 | 31049 | 11506 | 00323 | 05244 | 13147 | 1203 |
| 70550 | 33012 | 82420 | 97022 | 11248 | 832 | 56306 | 0**48 | 11334 | 16303 |
| 70534 | 20112 | 73418 | 98021 | 06557 | 64501 | 64328 | 00147 | 13424 | |
| 70545 | 24912 | 33627 | 98011 | 15955 | 22481 | 65302 | 00246 | 13546 | |
| 70566 | 21012 | 58220 | 99020 | 11052 | 33501 | 65135 | | | |
| 70592 | 20212 | 60113 | 97022 | 12109 | 58797 | 23308 | | | |
| 70519 | 14512 | 71726 | 98028 | 06854 | 79400 | 65827 | 0**48 | 12044 | |
| 70526 | 19912 | 63220 | 99151 | 08153 | 39403 | 00330 | 05347 | 12744 | |
| 70552 | 15112 | 72020 | 98022 | 08855 | 63560 | 610 | | | 11072 |
| 70557 | 11612 | 71624 | 98021 | 11057 | 4251 | 24303 | 00057 | | |
| 70590 | 19212 | 60218 | 97606 | 12048 | 384 | 00211 | 05442 | 10333 | |
| 70505 | 01112 | 22304 | 97414 | 22054 | 25300 | 012 | 0**52 | 12320 | 11098 |
| 70592 | 01512 | 60000 | 98031 | 14910 | | | | | |
| 70593 | 09612 | 11805 | 99020 | 10658 | 00903 | 25203 | | | |
| 70402 | 71112 | 63215 | 96032 | 12514 | 665 | 25200 | 000** | 13242 | |
| 78403 | 71512 | 63207 | 99021 | 12560 | 66439 | 26300 | | | |
| 70410 | 71012 | 83112 | 98032 | 10459 | 862 | 301 | 05655 | | |
| 70413 | 71912 | 63205 | 98022 | 11559 | 65400 | 26303 | | | 1 12 |
| 70401 | 67412 | 43119 | 98012 | 09163 | 42310 | | | | |
| 70402 | 67412 | 43119 | 98012 | 09163 | 42310 | 300 | 0**58 | 13132 | 1 285 |
| 70404 | 63812 | 62310 | 98001 | 11270 | 65500 | 45317 | 0**59 | 12333 | 2 356 |
| 70404 | 65512 | 62418 | 98022 | 65 | 64500 | 66310 | | 12323 | |
| 70406 | 62012 | 62305 | 98021 | 11972 | 64600 | 302 | 0**69 | | 37245 |
| 70416 | 60312 | 22306 | 99001 | 17465 | 22600 | 66810 | | | |
| 70436 | 60412 | 91109 | 81024 | | | | | | |
| 70478 | 60812 | 91709 | 96212 | 17849 | 90000 | 85320 | 05249 | | |
| 70499 | 64612 | 81313 | 96602 | 17750 | 85 00 | 14330 | 05149 | 11322 | |
| 70400 | 55612 | 82509 | 98818 | 10567 | 85456 | 23310 | 05165 | 108** | |
| 70402 | 57012 | 43210 | 98031 | 13972 | 44 00 | 66314 | | 10933 | 1 883 |
| 70407 | 50412 | 90702 | 90413 | 15660 | 9 0 | 25103 | | | 11082 |
| 70410 | 59012 | 11807 | 98020 | 13368 | 11600 | 66819 | 00463 | 104*2 | |
| 70424 | 53912 | 90111 | 95444 | 20052 | 963 | 66005 | | | 36713 |
| 70428 | 50812 | 90715 | 94022 | 22056 | 96 | 66311 | | | 5 |
| 70441 | 57912 | 81018 | 96636 | 14011 | 8072 | 16425 | | | |
| 70455 | 50312 | 80913 | 92471 | 13510 | | | | | |
| 70459 | 59712 | 80916 | 96535 | 15949 | | | | | |
| 70464 | 52412 | 0705 | 91444 | 23448 | | 13320 | 0**48 | | 3 657 |
| 70465 | 52512 | 90812 | 91454 | 22146 | 9 0 | 308 | 00246 | 10862 | |
| 70466 | 52212 | 90615 | 90284 | 23447 | 9 0 | 13507 | 0**47 | 10683 | 3 274 |
| 70407 | 46912 | 80509 | 98034 | 12264 | 844 | 15102 | | 10582 | 1 739 |
| 70431 | 43012 | 90924 | 97021 | 17663 | | 66602 | | | 15103 |
| 70434 | 46712 | 0716 | 96494 | 16346 | | 26308 | | 10733 | 1 92 |
| W70440 | 41012 | 80728 | 64606 | 21263 | 854 | 00104 | 00160 | 10948 | 904 |
| 70442 | 40812 | 71418 | 98022 | 22765 | 72860 | 54618 | 0**60 | 11442 | 26924 |
| 70443 | 49012 | 80724 | 96102 | 18662 | 872 | 25312 | | | |
| 70445 | 44212 | 80920 | 97114 | 19064 | 862 | 18326 | | | 1 178 |
| 70431 | 39112 | 80927 | 98022 | 20061 | 864 | 66812 | 0**61 | 10945 | 11203 |
| 70443 | 39812 | 70921 | 98032 | 24063 | 52443 | 56620 | | | 1 576 |
| 70453 | 32712 | 60715 | 99021 | 29160 | 11411 | 15310 | 0**47 | 10544 | |
| 70467 | 32812 | 13610 | 99011 | 29858 | 11500 | 318 | 0**46 | 13651 | 3 311 |
| 70499 | 33312 | 83513 | 98031 | 27454 | 5147 | 28300 | | | 1 21 |
| 70402 | 28412 | 71409 | 97022 | 28121 | 51671 | 54404 | 009** | | |
| 70419 | 25612 | 30702 | 98020 | 28965 | 22632 | 56306 | 0**62 | 13033 | |
| 70421 | 20412 | 50000 | 98021 | 28319 | | | | | |
| 70427 | 23012 | 32710 | 98010 | 27465 | 31561 | 56316 | 0**60 | 12722 | 26834 |
| 70450 | 20412 | 42915 | 98012 | 24759 | 48400 | 65318 | 0**50 | 129** | 1 621 |
| 70453 | 27312 | 50205 | 98021 | 30015 | 51 65 | | | | |
| 70475 | 23812 | 73124 | 98256 | 25114 | | | | | |
| 70480 | 26412 | 73525 | 98142 | 27164 | 72400 | 23410 | 0**53 | 13436 | 26916 |

| LOCATION OF SHIP AND TIME OF OBSERVATION | | TOT. CLD. AMT. AND WIND | VIS. AND WEATHER | PRESSURE AND TEMP | CLOUDS | SHIP SPEED AND PRESS. CHANGE | TEMP | WAVES | SHIP NUMBER |
|---|---|---|---|---|---|---|---|---|---|
| YQLaLaLa | LoLoLoGG | Nddff | VVwwW | PPPTT | NhCLhCMCH | DsVsapp | 0TsTsTdTd | IdwdwPwHw | |
| 70481 | 26412 | 93525 | 98142 | 17164 | 92400 | 24410 | | | |
| 70482 | 20912 | 32916 | 98258 | 19658 | 31600 | 14612 | 05243 | 10047 | |
| 70498 | 28812 | 73119 | 97251 | 24013 | 78300 | 64323 | | 13059 | |
| 70413 | 11112 | 40212 | 98021 | 14021 | 31401 | 14820 | | | |
| W70450 | 16012 | 72620 | 97802 | 25717 | 734 | 00307 | 0**12 | 12852 | |
| 70457 | 10912 | 32615 | 98030 | 25517 | 22506 | 65300 | 002** | 12941 | |
| 70465 | 10612 | 32513 | 95011 | 23460 | 32400 | 54813 | | | |
| 70491 | 17612 | 42728 | 98021 | 13957 | 32440 | 66506 | | | 3 413 |
| 70495 | 12512 | 62118 | 99021 | 16257 | 35670 | 25810 | 01051 | 12132 | |
| 70496 | 17612 | 52632 | 98023 | 14558 | 45440 | 25407 | 0**50 | 12644 | |
| 70431 | 09412 | 70414 | 97030 | 23519 | 04011 | 45010 | 002** | 136*1 | |
| 70453 | 08612 | 50305 | 83021 | 24362 | 12661 | 85320 | 05153 | | |
| 70493 | 09012 | 42020 | 99021 | 20759 | 21465 | 25300 | 0**54 | 12523 | 2 292 |
| 70305 | 79712 | 72710 | 98152 | 12981 | 22484 | 87110 | | 12722 | 1 892 |
| 70306 | 74712 | 31809 | 81011 | 14676 | 04433 | | | | |
| 70309 | 76912 | 12110 | 98020 | 15986 | 11500 | 55300 | 0**76 | 121*0 | 27044 |
| 70310 | 70312 | 70303 | 98038 | 15974 | 57422 | 46103 | 0**68 | 12323 | 1 498 |
| 70325 | 78512 | 40000 | 98020 | 13980 | 23634 | 16310 | 0**74 | 12721 | |
| 70327 | 70712 | 5237 | 99019 | 15076 | 23440 | 45308 | 05269 | | |
| 70327 | 75512 | 42315 | 98011 | 11577 | 22501 | 54320 | 0**73 | 123*1 | 27044 |
| 70335 | 73512 | 32307 | 98031 | 14974 | 31504 | 56306 | | 12321 | 1 952 |
| 70338 | 76212 | 21803 | 98011 | 11579 | 22772 | 16600 | 0**73 | 11823 | 16215 |
| 70345 | 73012 | 31304 | 98020 | 14272 | 00904 | 44152 | | | 2 549 |
| 70349 | 72212 | 40503 | 98020 | 14670 | 40008 | 47308 | | | |
| 70351 | 75112 | 21702 | 64021 | 70146 | | | | | |
| 70355 | 74312 | 40901 | 98021 | 14279 | 38507 | 16324 | 0**70 | 14933 | 26705 |
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| LOCATION OF SHIP AND TIME OF OBSERVATION | | TOT. CLD. AMT. AND WIND | VIS. AND WEATHER | PRESSURE AND TEMP | CLOUDS | SHIP SPEED AND PRESS. CHANGE | TEMP | WAVES | SHIP NUMBER |
|---|---|---|---|---|---|---|---|---|---|
| YQLaLaLa | LoLoLoGG | Nddff | VVwwW | PPPTT | NhCLhCMCH | DsVsapp | 0TsTsTdTd | IdwdwPwHw | |
| 71258 | 74612 | 51015 | 98082 | 16674 | 41410 | | | | |
| 71215 | 59312 | 90712 | 98012 | 15976 | 22478 | | | | |
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| 72287 | 33112 | 72315 | 96252 | 99079 | 4682 | | | | |
| 72289 | 31412 | 82903 | 97525 | 05472 | 883 | 57340 | 0**72 | 12148 | 1 818 |
| W72293 | 35612 | 82126 | 81022 | 07077 | 0097 | 00424 | 07675 | 12047 | |
| 72221 | 41012 | 31609 | 99021 | 14283 | 32500 | 64310 | 05177 | 116*2 | |
| 72115 | 16512 | 82614 | 97038 | 18086 | 2631 | | | | |
| 72122 | 13412 | 72517 | 98022 | 11084 | 45515 | | 08676 | | |
| 72132 | 12212 | 82220 | 97022 | 06384 | 85724 | | | | |
| 72151 | 16312 | 82522 | 96022 | | | | | | |
| 72182 | 19012 | 82621 | 96606 | 04582 | 873 | | | | |
| 72170 | 29312 | 30212 | 99011 | 07584 | 33 61 | 16312 | | | 3 476 |
| 72198 | 21712 | 82530 | 96648 | 04081 | | | | | |
| 72178 | 46112 | 30912 | 99020 | 84 | 31500 | 65310 | 0**75 | 11021 | 35339 |
| 72117 | 58812 | 30716 | 98021 | 09882 | 38400 | 26303 | 0**77 | 1723* | 37188 |
| 72151 | 58812 | 40810 | 08031 | 10282 | 52600 | | | | |
| 72113 | 74612 | 10712 | 98011 | 11282 | 11400 | 56610 | 0**79 | 10743 | 3 56 |
| 72123 | 76212 | 89720 | 98022 | 00982 | 72300 | | | | |
| 72137 | 78812 | 10710 | 97010 | 23481 | 11510 | | | | |
| 72066 | 15412 | 32313 | 99021 | 10286 | 14442 | 16310 | | | 37117 |
| 72053 | 32312 | 51902 | 99012 | 09181 | 22528 | | | | |
| 72071 | 34112 | 70603 | 95022 | 09583 | 29420 | | | | |
| 72031 | 56412 | 71907 | 96031 | 08076 | 776 | | | | |
| 72080 | 52012 | 70809 | 80022 | 12981 | | | | | |
| 72059 | 92712 | 41705 | 99021 | 16382 | 28639 | 26602 | | 149*3 | |
| 73627 | 04812 | 72224 | 97032 | 15810 | | | | | |
| 73543 | 02212 | 02302 | 99000 | 18813 | 00900 | 14320 | | | |
| 73559 | 06112 | 61609 | 98031 | 21015 | | | | | |
| 73561 | 06112 | 71809 | 98022 | 20011 | | | | | |
| 73571 | 04212 | 61609 | 97031 | 18208 | | | | | |
| 73574 | 01112 | 02613 | 98020 | 17212 | | | | | |
| 73410 | 02312 | 20907 | 98020 | 21025 | 20502 | 15300 | | | |
| 73414 | 03112 | 20301 | 97020 | 25726 | 20901 | 17302 | | | |
| 73429 | 05312 | 83402 | 95022 | 21521 | 8 1 | 85300 | | | |
| 73409 | 10312 | 00000 | 96000 | 27025 | 00900 | 75300 | | | |
| 73381 | 00112 | 03208 | 99010 | 22025 | 00900 | 56605 | 052** | 104*0 | |
| 73390 | 01812 | 00504 | 98020 | 21524 | 00900 | 85300 | 804** | 10521 | |
| 73359 | 15912 | 00505 | 98020 | 22078 | 00900 | 27202 | | | |
| 73363 | 14312 | 03205 | 98010 | 20380 | 00900 | 66306 | 0**77 | 13210 | 3 478 |
| 73261 | 35112 | 03214 | 97020 | 076 | 00900 | 74810 | | | |
| 73125 | 55912 | 02328 | 99020 | 05180 | 00900 | 42826 | | | |
| 73150 | 51712 | 12220 | 99011 | 03489 | 00901 | 54818 | 0**82 | 12233 | |
| 73162 | 54712 | 02120 | 97020 | 04483 | 00900 | 55812 | 0**79 | 12035 | 16381 |
| 73177 | 57012 | 12021 | 97000 | 03180 | 00901 | 16808 | 0**76 | 11854 | 15229 |
| 73121 | 60612 | 52530 | 97022 | 06884 | 44401 | 65610 | 0**76 | | 1 887 |
| 73123 | 61412 | 63527 | 98031 | 04582 | 586 1 | 24805 | | | |
| 73170 | 66112 | 62622 | 98022 | 04486 | 61600 | 26420 | | 12622 | |
| 73177 | 60012 | 12342 | 99010 | 03184 | 1 100 | 42710 | 0**79 | 12367 | 1 255 |
| 73109 | 75412 | 83309 | 97252 | 07482 | | | | | |
| 73196 | 71712 | 52513 | 98021 | 01288 | 52600 | 15 | | | |
| 73132 | 87812 | 72026 | 98011 | 02785 | 42640 | | | | |
| 73167 | 86512 | 62312 | 97032 | 01487 | 41410 | | | | |
| 73193 | 89912 | 82213 | 97052 | 00285 | 4242 | 34305 | | 12234 | |
| 73058 | 75812 | 52210 | 88032 | 08783 | 12551 | 25611 | | | |
| 73070 | 78512 | 73309 | 99825 | 07582 | 736 | 73301 | | 133** | |
| 73057 | 85812 | 52210 | 88032 | 08785 | 12551 | 25621 | | 11933 | |

June 17 1951

| LOCATION OF SHIP AND TIME OF OBSERVATION | | TOT. CLD. AMT. AND WIND | VIS. AND WEATHER | PRESSURE AND TEMP | CLOUDS | SHIP SPEED AND PRESS. CHANGE | TEMP | WAVES | SHIP NUMBER |
|---|---|---|---|---|---|---|---|---|---|
| 10691 | 38512 | 93011 | 98031 | 08868 | | | | | |
| 10602 | 05612 | 80218 | 98022 | 07009 | | | | | |
| 10502 | 57912 | 50510 | 98021 | 19354 | 33678 | 307 | | | |
| 10513 | 50012 | 81602 | 98022 | 26453 | 854 | 15502 | 0**50 | 11623 | 3 274 |
| W10565 | 51012 | 92121 | 02474 | 20342 | 9 0 | 00803 | 05042 | 12144 | 3202 |
| 10526 | 35412 | 52915 | 98032 | 29154 | 42466 | 65301 | 00147 | 12934 | |
| W10528 | 35512 | 82514 | 80022 | 30554 | 00977 | 00903 | 00344 | 13021 | 1203 |
| W10526 | 20112 | 82916 | 97802 | 21955 | 584 | 00310 | 00049 | 13144 | |
| 10531 | 22312 | 63122 | 98158 | 22552 | 63300 | 65311 | 0**48 | 13143 | |
| 10541 | 25312 | 53328 | 98012 | 24057 | 46460 | 316 | | | 11072 |
| 10503 | 11112 | 42920 | 99032 | 17357 | 42400 | 64314 | | | 1 39 |
| 10588 | 19012 | 43509 | 98021 | 15350 | 48500 | 00204 | 05342 | 10331 | |
| 10502 | 08712 | 22917 | 98020 | 16257 | 23500 | 64318 | 0**49 | 128*3 | |
| 10597 | 02512 | 81507 | 98022 | 08112 | | | | | |
| 10401 | 71912 | 22810 | 98010 | 19660 | 00929 | 84320 | 0**53 | 12922 | 26705 |
| 10400 | 61512 | 32415 | 98012 | 13572 | 32300 | 68304 | | | 11211 |
| 10401 | 63512 | 63016 | 96022 | 15019 | | | | | |
| 10401 | 65012 | 83318 | 98021 | 10163 | 85 | 66341 | 06457 | 13322 | |
| 10401 | 65812 | 83318 | 98021 | 16362 | 85 | 66341 | 0**57 | 13322 | 1 883 |
| 10404 | 67012 | 83409 | 97014 | 17455 | 863 | 26315 | 0**55 | 100*0 | |
| 10405 | 68712 | 83610 | 96022 | 16255 | 883 | 28000 | | | |
| 10406 | 61712 | 70000 | 98031 | 13965 | 00910 | 26316 | 0**65 | | 35467 |
| 10406 | 67412 | 83608 | 93282 | 17354 | 80000 | 66325 | 05754 | | |
| 10411 | 63012 | 83210 | 98022 | 14959 | 863 | 26310 | | | 1 435 |
| 10411 | 63912 | 83209 | 98022 | 13963 | 6547 | 25312 | | | 1 12 |
| 10415 | 62812 | 72807 | 98022 | 12960 | 74460 | 66304 | | | 36713 |
| 10415 | 63812 | 72807 | 98022 | 12960 | 74460 | 66304 | | | |
| 10484 | 69112 | 91009 | 95284 | 18851 | 90000 | 56300 | 05651 | | |
| 10401 | 58012 | 52310 | 99019 | 16770 | 11572 | 66250 | 056** | | |
| 10403 | 58412 | 71823 | 98019 | 14670 | 62563 | 314 | 0**67 | 11854 | 1 285 |
| 10424 | 52412 | 91405 | 97404 | 16660 | | 66302 | | | 15103 |
| 10442 | 59012 | 91405 | 92474 | 16249 | | | | | |
| 10405 | 42112 | 90618 | 98022 | 18367 | 68361 | 25302 | 0**64 | 10855 | 1 847 |
| 10409 | 45012 | 81809 | 97402 | 20066 | 858 | 54108 | 0**64 | 11832 | 26924 |
| 10415 | 47712 | 82701 | 96104 | 20763 | 4545 | 63104 | | | 1 576 |
| 10416 | 47712 | 82303 | 93444 | 19665 | 864 | 64310 | 0**62 | 12355 | 11203 |
| 10419 | 41612 | 90922 | 97258 | 21364 | | | | | |
| 10422 | 43612 | 80807 | 98412 | 20764 | 841 | 25302 | | | 11082 |
| 10428 | 45812 | 80707 | 97022 | 20760 | 860 | 24312 | 0**57 | 10742 | |
| 10429 | 41612 | 80922 | 97258 | 21364 | 844 | 15309 | 0**62 | 10928 | 2 506 |
| 10432 | 40612 | 80822 | 96816 | 20065 | 843 | 14120 | | 10729 | 1 739 |
| 10439 | 40112 | 80815 | 98001 | 23463 | 853 | 15318 | 0**60 | 10834 | 2 216 |
| 10439 | 43612 | 81218 | 98022 | 21268 | 00907 | 810 | 0**63 | 11233 | 3 311 |
| W10440 | 41012 | 80824 | 80022 | 24063 | 856 | 00310 | 00258 | 10835 | 904 |
| 10453 | 41012 | 71010 | 98012 | 25747 | 76500 | 25006 | | 11033 | 1 92 |
| 10485 | 49712 | 81113 | 96636 | 21208 | 864 | 16224 | | | |
| 10483 | 31912 | 40405 | 99021 | 10156 | 41500 | 18302 | | | 1 178 |
| 10488 | 35712 | 20605 | 98030 | 31313 | 20992 | 64104 | | 10344 | |
| 10435 | 28012 | 30510 | 98021 | 27468 | 31500 | 65300 | 0**55 | 149** | 1 621 |
| 10473 | 24512 | 63410 | 99031 | 29160 | 68400 | 25303 | 0**47 | 13443 | |
| 10478 | 26612 | 73206 | 98022 | 29156 | 71423 | 66306 | | | 3 413 |
| 10489 | 20612 | 83522 | 98032 | 26863 | 6445 | 24502 | 0**54 | 13535 | 26916 |
| 10445 | 15412 | 43110 | 98151 | 25459 | 32404 | 53120 | | | |
| 10446 | 16112 | 23113 | 98021 | 25415 | | | | | |
| W10450 | 16012 | 43412 | 98011 | 25917 | 38562 | 00306 | 9 | 13054 | |
| 10495 | 11112 | 12916 | 98011 | 17358 | 12500 | 122 | 0**51 | 12967 | 11098 |
| 10454 | 07612 | 73305 | 98032 | 23119 | | | | | |
| 10498 | 09212 | 32920 | 98028 | 17858 | 22501 | 25109 | 0**50 | 12945 | |
| 10301 | 70512 | 82011 | 98032 | 15678 | 21491 | 46308 | | | 1 221 |
| 10302 | 71612 | 71810 | 99022 | 16976 | 66340 | 44112 | | 11843 | 2 549 |
| 10303 | 71012 | 72005 | 98032 | 18077 | 62 70 | 46322 | 0**73 | | 1 143 |
| 10306 | 71012 | 71816 | 98022 | 17677 | 53340 | 46320 | | | 1 452 |
| 10310 | 72112 | 32710 | 98020 | 18679 | 22411 | 85301 | | 12733 | |
| 10315 | 76612 | 62112 | 98018 | 14274 | 33 11 | 55302 | | | 1 724 |
| 10319 | 72612 | 82509 | 98426 | 13772 | 875 | 85100 | | 11930 | |
| 10324 | 72112 | 81705 | 99022 | 15276 | 6668 | 44312 | 0**75 | 11721 | 11137 |
| 10332 | 75512 | 71611 | 98028 | 14976 | 32670 | 45306 | | | 1 95 |
| 10342 | 71412 | 20702 | 98012 | 17374 | 00850 | 76310 | 0**70 | | 11052 |
| 10350 | 75012 | 80110 | 98022 | 15676 | 884 | 85316 | | 14922 | 27672 |
| 10353 | 71812 | 53605 | 97052 | 18374 | 00040 | | | | |
| 10357 | 74312 | 40903 | 98011 | 16375 | 41411 | 86304 | 0**68 | 10921 | 11191 |
| W10360 | 70012 | 83306 | 80022 | 17573 | 2567 | 00418 | 00066 | 12432 | 808 |
| 10362 | 74712 | 40512 | 97012 | 15968 | 00730 | 86112 | | 10642 | 1 892 |
| 10366 | 72912 | 50505 | 99012 | 18668 | 51311 | 56320 | 0**65 | 10533 | 17620 |
| 10366 | 73012 | 00503 | 98012 | 14970 | 00900 | 45302 | 0**64 | 10511 | 1 842 |
| 10372 | 70012 | 40506 | 98020 | 19868 | 41509 | 36319 | 0**62 | | |
| 10380 | 74412 | 31104 | 98031 | 19065 | 00909 | 44316 | | 11121 | 16213 |
| 10380 | 74812 | 21005 | 74051 | 10165 | | | | | |
| 10381 | 71712 | 50208 | 98011 | 21368 | 00951 | 44380 | 0**62 | 10221 | 1 441 |
| 10392 | 70112 | 92708 | 98022 | 21760 | 75400 | 15320 | | | |
| 10392 | 74012 | 30000 | 97020 | 18362 | 00902 | 44320 | | 100** | 11090 |
| 10396 | 70012 | 13604 | 99014 | 17660 | 11300 | 55126 | 0**60 | 13620 | 2 544 |
| 10319 | 68612 | 81511 | 98022 | 17375 | 4452 | 46316 | | 11923 | |
| 10347 | 64512 | 82310 | 98022 | 19072 | 2233 | 45317 | 0**69 | 12321 | 2 356 |
| 10370 | 64612 | 72308 | 99031 | 23072 | 51633 | 85304 | | | |
| 10371 | 69212 | 60705 | 99021 | 17670 | 68500 | 316 | 0**06 | 1204* | 3 102 |
| 10378 | 65612 | 50510 | 98031 | 14671 | 58400 | | | | |
| 10389 | 68912 | 63609 | 99012 | 18169 | | | | | |
| 10395 | 61712 | 22316 | 98021 | 14675 | 38400 | 26200 | | 12345 | 25231 |
| 10396 | 65212 | 72711 | 98038 | 17672 | 74330 | 35309 | | | 1 169 |
| 10398 | 68212 | 73509 | 99022 | 16160 | 32586 | 75307 | 05857 | 13545 | |

June 17 1951

| Location of ship and time of observation YQLaLaLo | LoLoLoGG | Tot. cld. amt. and wind Nddff | Vis. and weather VVwwW | Pressure and temp. PPPTT | Clouds NhCLhCMCH | Ship speed and press. change DsVsapp | Temp. 0TsTsTdTd | Waves IdwdwPwHw | Ship number |
|---|---|---|---|---|---|---|---|---|---|
| 10317 | 55412 | 12512 | 98020 | 23377 | 11501 | 65110 | 0**72 | 12423 | |
| 10364 | 52512 | 82713 | 99031 | 22076 | 6547 | 15320 | 00269 | 12533 | |
| 10376 | 56212 | 72308 | 99021 | 18072 | 54461 | 66301 | | | 1 375 |
| 10327 | 42112 | 32908 | 98011 | 23473 | 31370 | 65304 | | 12942 | 27082 |
| 10331 | 49112 | 12806 | 99021 | 23873 | 11600 | 74317 | 05169 | 126*1 | |
| 10332 | 40512 | 71622 | 98028 | 10149 | 32680 | 45306 | | | |
| 10333 | 42512 | 52906 | 98021 | 22622 | 53500 | | | | |
| 10335 | 42012 | 20615 | 98020 | 22479 | 21400 | 75300 | | 10544 | 1 505 |
| 10341 | 41012 | 02704 | 98011 | 21373 | 00900 | 55302 | | 12933 | 26871 |
| W10350 | 48012 | 22715 | 80011 | 23271 | 22500 | 00316 | 00167 | 12732 | 105 |
| 10333 | 30212 | 81910 | 97022 | 24024 | 85310 | 24305 | | | |
| 10340 | 34112 | 62910 | 98032 | 22072 | 41460 | 65308 | 0**66 | 12912 | 2 195 |
| 10360 | 32712 | 32607 | 98012 | 20074 | 21640 | 66300 | | | 1 34 |
| 10360 | 39812 | 82718 | 98022 | 19675 | 854 | 26308 | 0**69 | | 1 513 |
| 10366 | 34712 | 82508 | 98152 | 189 | 863 | 65300 | | 12521 | 27145 |
| 10387 | 30112 | 91012 | 97022 | 19067 | 96117 | 56812 | | | |
| 10388 | 30112 | 81012 | 97022 | 19067 | 86477 | 56862 | 0**67 | 11222 | 26834 |
| 10390 | 34412 | 81206 | 97032 | 19468 | 843 | 56303 | 0**67 | 14933 | |
| 10399 | 36512 | 81108 | 98284 | 17667 | 863 | 25304 | | | |
| W10378 | 25812 | 81413 | 46216 | 22364 | 874 | 67905 | 06064 | 11122 | 600 |
| 10390 | 24112 | 80913 | 97586 | 24861 | 855 | 66602 | 05659 | | |
| 10342 | 13512 | 43625 | 98012 | 22465 | 34520 | 24300 | | 10134 | 27000 |
| 10362 | 17212 | 63105 | 97021 | 25018 | 32451 | 16302 | 004** | 13245 | |
| 10374 | 11812 | 30321 | 97032 | 21368 | 32400 | 24814 | 0**62 | 10335 | 27642 |
| 10380 | 11712 | 43620 | 98031 | 22619 | 31545 | 46106 | | | |
| 10381 | 18312 | 50506 | 99030 | 26873 | 11556 | 66206 | 0**59 | 10522 | 26985 |
| 10361 | 04612 | 00000 | 98000 | 15980 | 00900 | 64306 | | | 15719 |
| 10365 | 01012 | 60608 | 97012 | 26626 | 65500 | 64704 | 00920 | | |
| 10209 | 83512 | 31010 | 99021 | 14585 | 34500 | 34204 | | | 27558 |
| 10210 | 86612 | 31409 | 99011 | 12583 | 31600 | 45606 | 0**78 | | 1 696 |
| 10227 | 87012 | 11610 | 99011 | 13986 | 11500 | 44306 | | | 16371 |
| 10238 | 82112 | 31111 | 98011 | 16681 | 36340 | 14306 | | | 27471 |
| 10240 | 86812 | 31102 | 99011 | 14684 | 31600 | 86301 | 0**83 | | 2 433 |
| 10242 | 81812 | 31606 | 99011 | 15982 | 21401 | 56310 | | | 1 292 |
| 10243 | 82012 | 00206 | 98000 | 15984 | 00900 | 25000 | 0**83 | 10343 | 15715 |
| 10244 | 82812 | 01610 | 98020 | 15684 | 00900 | 74306 | | 11621 | |
| 10248 | 86612 | 31510 | 98021 | 15282 | 31400 | 34602 | 0**77 | 11422 | 1 180 |
| 10249 | 84412 | 11508 | 98011 | 13963 | 11400 | 25302 | 0**76 | | 25237 |
| 10249 | 84512 | 41610 | 98030 | 13584 | 41400 | 66806 | | 11622 | 16300 |
| 10250 | 83712 | 11603 | 99020 | 12982 | 00903 | 75310 | 0**79 | 11620 | |
| 10252 | 86212 | 11006 | 99020 | 15682 | 11600 | 76307 | | 11022 | 2 180 |
| 10255 | 87012 | 42110 | 99031 | 13283 | 42305 | 26210 | | | |
| 10257 | 87212 | 21821 | 98011 | 14682 | 11300 | 36312 | | 11823 | 1 282 |
| 10258 | 88012 | 21810 | 98031 | 13583 | 22400 | 65310 | 0**79 | 11821 | |
| 10259 | 86112 | 51917 | 99030 | 15985 | 52400 | 35305 | 0**76 | 11934 | 2 337 |
| 10260 | 80012 | 30905 | 99021 | 18085 | 32200 | 86307 | 0**75 | 10900 | 27728 |
| 10261 | 89712 | 31821 | 99011 | 11284 | 33648 | 66304 | | 11832 | |
| 10266 | 88212 | 31416 | 98021 | 16684 | 22410 | 35310 | 0**83 | 11453 | 2 147 |
| 10267 | 88012 | 32016 | 98031 | 14283 | 21610 | 84210 | | | 2 285 |
| 10271 | 89412 | 52012 | 98011 | 13982 | 54508 | 35310 | 0**75 | 12032 | 16211 |
| 10272 | 89212 | 31909 | 99020 | 13781 | 11 20 | 34120 | 05274 | 11921 | |
| 10275 | 87212 | 41916 | 98030 | 14984 | 49541 | 35312 | 0**76 | 11921 | 2 99 |
| 10284 | 88712 | 72115 | 98131 | 14678 | 42463 | 34200 | 0**77 | 12122 | 27696 |
| 10285 | 89012 | 82316 | 98022 | 13982 | 3251 | 44304 | 0**77 | 12331 | 2 428 |
| 10210 | 74012 | 41410 | 97021 | 16682 | 33201 | 46312 | | | 2 27 |
| 10210 | 74112 | 41410 | 97021 | 16682 | 33201 | 46312 | | | |
| 10213 | 75212 | 41115 | 99031 | 16683 | 32401 | 36112 | 0**78 | 11121 | 2 169 |
| 10217 | 76512 | 41410 | 97011 | 15984 | 00908 | 35310 | | 11421 | 2 160 |
| 10219 | 77012 | 11106 | 98020 | 16381 | 15501 | 35114 | 0**78 | 11121 | 2 103 |
| 10230 | 79312 | 11409 | 99020 | 17686 | 00930 | 35416 | | 11421 | 2 329 |
| 10239 | 74612 | 41710 | 98021 | 16682 | 42500 | 86312 | | | 1 432 |
| 10259 | 73512 | 61403 | 98021 | 17682 | 12501 | 65304 | 0**77 | | 2 29 |
| 10261 | 73712 | 11802 | 98012 | 19084 | 14100 | 65013 | 0**79 | 11821 | 27549 |
| 10269 | 71612 | 41612 | 98031 | 19078 | 33406 | 74306 | | 11422 | 17617 |
| 10273 | 74212 | 81910 | 80022 | 17280 | 23527 | | | | |
| 10275 | 70212 | 52014 | 98011 | 18676 | 51400 | 47310 | | | |
| 10275 | 79612 | 42406 | 98044 | 15678 | 12405 | 86210 | 0**72 | 12420 | |
| 10279 | 79712 | 22310 | 98021 | 16385 | 24300 | 86110 | | | |
| 10283 | 78512 | 42610 | 98011 | 16380 | 34403 | 56308 | | 12621 | 1 952 |
| 10298 | 79812 | 52715 | 99021 | 15978 | 11419 | 86306 | 0**76 | 12732 | 27796 |
| 10299 | 74412 | 62014 | 98022 | 15978 | 42477 | 46412 | 0**75 | 12025 | 1 86 |
| 10299 | 78212 | 22716 | 98012 | 12583 | 21400 | 54306 | 0**76 | 127*1 | 27044 |
| 10228 | 66612 | 01119 | 98010 | 19380 | 00900 | 46110 | | | 11044 |
| 10233 | 68812 | 31416 | 98012 | 19084 | 31000 | 45302 | 0**85 | 11414 | 15701 |
| 10246 | 68012 | 51604 | 98032 | 20080 | 52490 | 46103 | 0**78 | 11623 | 1 498 |
| 10234 | 55812 | 10709 | 97020 | 23526 | 11500 | 16309 | | | |
| 10252 | 56612 | 40915 | 98021 | 25180 | 41400 | 15320 | | 10943 | |
| 10273 | 51412 | 40506 | 99020 | 25479 | 41700 | 16320 | 05270 | 104*2 | |
| 10260 | 38512 | 10605 | 98020 | 23579 | 12500 | 15107 | | 11021 | |
| 10104 | 88312 | 80812 | 98021 | 10284 | 43420 | 35410 | | 10823 | 11096 |
| 10126 | 82612 | 80713 | 98021 | 11281 | 13527 | 76312 | | | 2 60 |
| 10127 | 89912 | 83605 | 98029 | 08583 | 17 7 | 00406 | | | 35042 |
| 10178 | 87112 | 40710 | 98020 | 13584 | 41500 | 16318 | 0**76 | 10723 | 2 5 |
| 10184 | 83412 | 10914 | 98012 | 12983 | 00981 | 76302 | | | 2 455 |
| 10186 | 86812 | 20912 | 98021 | 10582 | 22400 | 95306 | 0**77 | 10521 | 2 138 |
| 10193 | 86012 | 11118 | 98250 | 13283 | 12500 | 54300 | | | 2 459 |
| 10103 | 77512 | 80612 | 98022 | 07583 | | | | | |
| 10147 | 76012 | 60925 | 97032 | 11283 | 32410 | 34310 | | | 1 59 |
| 10150 | 75012 | 70930 | 98022 | 09580 | 41410 | 86106 | 0**77 | 10934 | 11218 |
| 10155 | 76612 | 30925 | 98021 | 11583 | 31500 | 15307 | 0**76 | | 1 577 |
| 10163 | 76112 | 30922 | 97021 | 12581 | 36500 | 56200 | | | 1 434 |
| 10167 | 75212 | 20721 | 98021 | 14282 | 21500 | 85220 | | | |
| 10175 | 79612 | 42406 | 98044 | 15678 | 12405 | 86210 | 05672 | 12420 | |
| 10177 | 79912 | 60513 | 98251 | 17694 | 69200 | 64300 | | | |
| 10190 | 77312 | 41110 | 98011 | 16982 | 41500 | 55310 | 0**77 | 11133 | 2 173 |
| 10199 | 74112 | 10605 | 99021 | 17383 | 11408 | 16314 | 0**78 | | 11338 |
| 10113 | 65012 | 70706 | 98031 | 11980 | 00008 | 85320 | 0**77 | 10742 | 1 988 |
| 10121 | 68912 | 70918 | 97022 | 13279 | | | | | 35534 |
| 10154 | 64912 | 30915 | 98021 | 13982 | 12601 | 45312 | 0**82 | 10933 | 15711 |
| 10154 | 65412 | 40516 | 98021 | 16684 | 42500 | 75320 | | 10524 | |
| 10173 | 69012 | 30815 | 98021 | 16782 | 11440 | 14217 | 05172 | 10922 | |
| 10185 | 66212 | 41116 | 97000 | 19382 | 21400 | 76314 | | | |
| 10197 | 62212 | 11410 | 98011 | 18082 | 16400 | 34302 | 0**82 | 11432 | 11183 |
| 10109 | 59512 | 20509 | 98021 | 14689 | 22300 | 76307 | | | 1 30 |
| 10196 | 45312 | 20810 | 98020 | 20427 | 21600 | | | | |
| 10123 | 31812 | 40909 | 98021 | 15984 | 42400 | 35306 | 0**69 | | 1 546 |
| 10184 | 31512 | 70517 | 98031 | 18378 | 53532 | 25510 | 0**72 | 10543 | 2 210 |
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| 11452 | 69212 | 83400 | 6518 | 11054 | 87560 | 64845 | | | |
| 11401 | 51612 | 41406 | 98021 | 28461 | 44200 | 66802 | 0**59 | 11421 | 35663 |
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| 11469 | 54712 | 82312 | 98022 | 28152 | 844 | 26308 | 0**46 | | 3 238 |
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| 11444 | 49212 | 80502 | 94202 | 28054 | 864 | 74300 | | 13432 | 35686 |
| 11484 | 40212 | 82506 | 98022 | 31850 | 885 | 26302 | 0**46 | 12542 | 27495 |
| 11426 | 31812 | 80210 | 97022 | 28457 | 814 | 35606 | 0**50 | 10255 | |
| 11474 | 30912 | 83105 | 98022 | 27050 | 866 | 25110 | | | |
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| 11428 | 24612 | 03618 | 97020 | 19350 | 00 00 | | | | |
| 11462 | 24212 | 13618 | 98010 | 22753 | 16900 | 00300 | | | |
| 11485 | 24912 | 32705 | 98020 | 16653 | 00005 | 00300 | 005** | 12733 | |
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| 11367 | 66012 | 81805 | 97201 | 20762 | | | | | |
| 11343 | 57712 | 20912 | 99021 | 25667 | 24500 | 64810 | | | |
| 11353 | 52812 | 80810 | 98022 | 25466 | 74641 | 65810 | | 10955 | 37351 |
| 11300 | 49012 | 80914 | 98022 | 20369 | 25 7 | 56827 | 0**64 | | 37149 |
| 11306 | 41812 | 80823 | 95022 | 20066 | 84400 | | | | |
| 11349 | 41512 | 70820 | 98021 | 26460 | 54420 | 66606 | | | |
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| 11373 | 40412 | 20610 | 98021 | 28460 | 11302 | 65702 | | 10633 | 3 656 |
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| W11327 | 35812 | 70821 | 81022 | 23763 | 75500 | 15803 | 05055 | 10546 | 2400 |
| W11330 | 35012 | 60815 | 80022 | 22662 | 65500 | 00803 | 05154 | 149** | 5620 |
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| 11334 | 35612 | 70618 | 98022 | 26464 | 75500 | 301 | 00246 | 10624 | |
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| 11340 | 32312 | 23213 | 80021 | | | | | | |
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| 11348 | 32312 | 00518 | 97052 | 23462 | 00900 | 173 | 0**55 | 10549 | 3 87 |
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| 11308 | 28212 | 90308 | 87011 | 18363 | | | | | |
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| 11303 | 16912 | 83206 | 98022 | 15662 | 543 | 36702 | 0**59 | 13222 | 3 395 |
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| 11330 | 18612 | 82910 | 98022 | 14260 | 854 | 200 | 05158 | | |
| 11277 | 90512 | 21804 | 99021 | 83 | 11311 | 74308 | 0**78 | 11821 | |
| 11279 | 90912 | 32312 | 99020 | 13583 | 11462 | 75302 | | 12322 | 27662 |
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| 11262 | 47812 | 70716 | 98022 | 16970 | 75320 | 56620 | 0**69 | 10721 | 3 13 |
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| W11287 | 44312 | 70923 | 80032 | 19368 | 75400 | 55823 | 05362 | 149** | 5821 |
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| 11206 | 07312 | 32302 | 99030 | 11979 | 00954 | 36808 | 0**75 | 123*0 | 3 594 |
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| 11096 | 91512 | 70206 | 98022 | 09182 | 21562 | 25514 | 0**82 | 10222 | 35491 |
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| 12407 | 29712 | 52219 | 04284 | 13958 | | | | | |
| 12419 | 52612 | 42510 | 98030 | 06464 | 00909 | 16300 | 0**51 | 12058 | |
| W12438 | 53412 | 82318 | 46616 | 04348 | 855 | 55906 | 00447 | 11846 | 5400 |
| 12469 | 57512 | 71117 | 98022 | 12243 | 00970 | 16202 | 0**43 | 11123 | 3 143 |
| 12423 | 63712 | 80415 | 98022 | 16654 | 862 | 66322 | | 11832 | 3 412 |
| 12454 | 62512 | 71616 | 99012 | 17646 | 77500 | 16300 | | | 27183 |
| W12480 | 62012 | 81307 | 74022 | 18444 | 855 | 00904 | 00341 | 149** | 5218 |
| 12440 | 79012 | 90508 | 90474 | 15248 | 9 0 | 65302 | | | 3 116 |
| 12468 | 76612 | 80906 | 99032 | 15945 | 884 | 65300 | 0**41 | 10921 | 3 396 |
| 12485 | 73812 | 80004 | 98024 | 18041 | 843 | 16206 | | 100*0 | 3 333 |
| 12493 | 73912 | 81205 | 98022 | 16643 | 863 | 64102 | 0**41 | 126*1 | 36822 |
| 12494 | 72012 | 82709 | 98022 | 18645 | 4521 | 65306 | | | 37286 |
| 12316 | 51212 | 02208 | 99010 | 18379 | 00900 | 65300 | 0**76 | | 1 731 |
| 12318 | 58212 | 72909 | 98022 | 20075 | 75477 | 66704 | 0**72 | 12921 | 26966 |
| 12357 | 50912 | 72410 | 98022 | 13273 | 77200 | 26306 | 0**70 | 12425 | 3 241 |
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| W12394 | 53312 | 82414 | 30505 | 08666 | 862 | 00007 | 06766 | 12357 | |
| W12310 | 64012 | 83008 | 64022 | 19077 | 3553 | | 053*5 | 12723 | |
| 12399 | 66212 | 70912 | 98022 | 186 | 76400 | 07 | 0**54 | 10934 | 3 639 |
| 12203 | 15912 | 80218 | 97022 | 99777 | 884 | 34308 | 05377 | 10346 | |
| 12207 | 14212 | 50712 | 98021 | 00726 | 5856 | 45913 | 05222 | 10932 | |
| 12222 | 14712 | 30913 | 82011 | 01778 | 26 20 | 64314 | 05172 | 10643 | |



| Location of ship and time of observation YQLaLaLo | LoLoLoGG | Tot. cld. amt. and wind Nddff | Vis. and weather VVwwW | Pressure and temp. PPPTT | Clouds NhCLhCMCH | Ship speed and press. change DsVsapp | Temp. 0TsTsTdTd | Waves IdwdwPwHw | Ship number |
|---|---|---|---|---|---|---|---|---|---|
| 12232 | 17512 | 80415 | 83022 | 01075 | 853 | | | | |
| 12239 | 18512 | 80417 | 83022 | 01075 | 894 | 13407 | 00069 | | |
| 12202 | 25112 | 61618 | 99138 | 05482 | 00905 | 66310 | | | 1 208 |
| 12223 | 22512 | 80520 | 97022 | 02082 | 00930 | 15310 | 0**78 | | 11328 |
| 12250 | 21012 | 80702 | 96505 | 00379 | 876 | 14317 | | | |
| 12273 | 24412 | 80927 | 97656 | 07576 | 832 | 16326 | | 10933 | 36920 |
| 12212 | 35512 | 21112 | 97020 | 13284 | 22 00 | 16328 | | | 3 476 |
| 12213 | 36212 | 21609 | 98016 | 13983 | 22500 | 64310 | 05277 | 116*3 | |
| 12258 | 32812 | 01810 | 68000 | 13580 | 00900 | 56303 | 0**77 | 12033 | 1 464 |
| W12288 | 34712 | 42009 | 81252 | 15577 | 33460 | 00319 | 07676 | 12145 | |
| 12101 | 10112 | 62118 | 99011 | 03287 | 00 61 | 54317 | 05175 | | |
| 12103 | 10412 | 82310 | 99022 | 02886 | 64 70 | 55312 | 00677 | | |
| 12188 | 16912 | 80506 | 97022 | 97078 | 844 | 36300 | 0**77 | | 3 159 |
| 12165 | 39912 | 31012 | 99251 | 84 | 33500 | 65315 | 0**77 | 11121 | 35339 |
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| 12105 | 64012 | 50710 | 98012 | 09182 | 43470 | 302 | 0**79 | | 37188 |
| 12158 | 62912 | 60818 | 98031 | 10281 | 41408 | | | | |
| 12141 | 83112 | 32218 | 98020 | 02485 | 00008 | 43 | | 12334 | |
| 12165 | 93012 | 82415 | 97072 | 98384 | 3 60 | 33200 | | | |
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| 12098 | 49512 | 60218 | 98031 | 12283 | 25411 | | | | |
| 12084 | 55812 | 90312 | 98032 | 06881 | 41410 | | | | |
| 12086 | 50612 | 40904 | 98011 | 00885 | 11400 | | | | |
| 12087 | 50912 | 60209 | 80022 | 12584 | 44750 | | | | |
| 12093 | 63612 | 70810 | 95031 | | | | | | |
| 12057 | 90412 | 60412 | 98000 | 00987 | 4 0 1 | 00311 | | 13421 | |
| 12058 | 92012 | 72013 | 98031 | 07078 | 21509 | | | | |
| 13703 | 31512 | 71802 | 99021 | 12706 | | | | | |
| 13705 | 31412 | 70102 | 98021 | 13306 | | | | | |
| 13609 | 03512 | 31509 | 97020 | 14614 | | | | | |
| 13625 | 04712 | 42302 | 98012 | 17012 | | | | | |
| 13638 | 06612 | 51402 | 98020 | 09291 | | | | | |
| 13643 | 06912 | 22302 | 98021 | 15018 | | | | | |
| W13659 | 02212 | 618 7 | 98022 | 12309 | 52706 | 00104 | 6 | 11942 | |
| 13667 | 00312 | 81810 | 98032 | 12946 | 851 | 66808 | | | 1 410 |
| 13683 | 11012 | 82305 | 98022 | 17108 | | | | | |
| 13545 | 02012 | 31813 | 99020 | 14217 | | | | | |
| 13569 | 02512 | 61605 | 98031 | 13115 | | | | | |
| 13579 | 05912 | 81218 | 97031 | 16457 | 885 | 903 | 00350 | 1122* | |
| 13581 | 04112 | 61418 | 96031 | 13013 | 60770 | 15809 | 053** | 114*2 | |
| 13586 | 02812 | 71613 | 97011 | 11954 | 74500 | 25301 | | | |
| 13586 | 03212 | 61618 | 97031 | 11513 | | | | | |
| 13589 | 05012 | 11406 | 9902 | 06414 | | | | | |
| 13403 | 01412 | 20806 | 98020 | 20024 | 20904 | 15305 | 002** | 109** | |
| 13407 | 02412 | 10305 | 98010 | 20025 | 10900 | 15105 | 004** | 10811 | |
| 13374 | 06412 | 00817 | 98020 | 16378 | 00900 | 66812 | 0**74 | 10821 | 3 478 |
| 13334 | 25312 | 23210 | 98010 | 15973 | 00940 | 75706 | 0**67 | 13221 | 27065 |
| 13338 | 31512 | 125 | 99020 | 13576 | 10400 | 26602 | | | |
| 13220 | 63012 | 12520 | 97021 | 99086 | 11500 | 16812 | 0**78 | 12654 | 15229 |
| 13202 | 87912 | 82302 | 96952 | 00187 | 80400 | | | | |
| 13129 | 46812 | 02418 | 99000 | 03491 | 00900 | 55820 | 0**79 | 12433 | |
| 13142 | 49612 | 02420 | 98050 | 02787 | 00900 | 55832 | 0**86 | 12333 | 16381 |
| 13138 | 55312 | 32330 | 97020 | 05182 | 00911 | 65817 | 0**74 | | 1 887 |
| 13150 | 59612 | 12350 | 99031 | 03782 | 11100 | 52810 | 0**77 | 12356 | 1 255 |
| 13107 | 65512 | 62522 | 98031 | 06483 | 671 | 24100 | 00076 | | |
| 13176 | 73712 | 43209 | 97021 | 06184 | | | | | |
| 13099 | 57212 | 22232 | 99020 | 89282 | 21600 | 24611 | 00173 | | |
| 13074 | 78212 | 12718 | 97012 | 10084 | 33602 | | | | |
| 13093 | 76312 | 13106 | 99020 | 06583 | 11600 | 43508 | | | |

June 18 1951

| Location of ship and time of observation YQLaLaLo | LoLoLoGG | Tot. cld. amt. and wind Nddff | Vis. and weather VVwwW | Pressure and temp. PPPTT | Clouds NhCLhCMCH | Ship speed and press. change DsVsapp | Temp. 0TsTsTdTd | Waves IdwdwPwHw | Ship number |
|---|---|---|---|---|---|---|---|---|---|
| 20720 | 37912 | 27007 | 98020 | 17522 | 2 9 1 | 74300 | 004** | | |
| 20628 | 55212 | 71205 | 98012 | 20836 | 75400 | 403 | 05432 | | |
| 20666 | 24512 | 10302 | 99010 | 14106 | | | | | |
| 20667 | 21812 | 80802 | 98032 | 14804 | | | | | |
| 20619 | 14812 | 52802 | 98011 | 11108 | | | | | |
| 20630 | 12012 | 83618 | 98252 | | | | | | |
| 20665 | 14212 | 70105 | 98022 | 12406 | | | | | |
| 20614 | 07012 | 73004 | 98015 | 07408 | | | | | |
| 20620 | 09812 | 73313 | 99032 | 08807 | | | | | |
| 20561 | 50312 | 92308 | 93454 | 17350 | 9 0 | 73809 | 0**48 | | 3 657 |
| 20564 | 50312 | 92106 | 92454 | 17244 | | | | | |
| 20564 | 50412 | 92303 | 91282 | 22448 | 9 0 | 73504 | 0**48 | 12354 | 3 274 |
| W20565 | 51012 | 92112 | 06106 | 17745 | 9 0 | 00302 | 00245 | 12133 | 3202 |
| 20500 | 44212 | 71408 | 98022 | 21358 | 64432 | 55801 | 00251 | 11622 | |
| 20562 | 41012 | 32513 | 98020 | 18857 | 00978 | 27300 | 00951 | | |
| 20525 | 35612 | 52428 | 98012 | 24060 | 35451 | 006 | | | 11072 |
| W20528 | 35512 | 62514 | 80022 | 24152 | 35578 | 00807 | 00048 | 12621 | 1203 |
| 20534 | 31112 | 62619 | 97022 | 21452 | 00980 | 65805 | 0**50 | 12632 | |
| 20566 | 26312 | 82620 | 98022 | 11751 | 865 | 65822 | | | |
| 20507 | 18112 | 82810 | 99022 | 23753 | 845 | 28610 | | | 1 178 |
| 20509 | 19912 | 72616 | 98258 | 23454 | 77400 | 65314 | 0**50 | | 1 39 |
| 20558 | 10212 | 22610 | 98810 | 15052 | 42541 | 64310 | 05448 | 130*3 | |
| 20585 | 13012 | 52909 | 98031 | 12015 | | | | | |
| 20596 | 03012 | 73113 | 98022 | 10109 | | | | | |
| 20413 | 60412 | 83312 | 97502 | 19055 | 863 | 25302 | | 13332 | 1 234 |
| 20413 | 60912 | 93315 | 98022 | 18657 | | 66326 | | | 15103 |
| W20413 | 67412 | 90709 | 01474 | 19657 | 9 0 | 25305 | 00555 | 10881 | 1100 |
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| 20425 | 66512 | 309 2 | 96414 | 21050 | | | | | |
| W20436 | 63612 | 90000 | 00454 | 20053 | 9 0 | 24415 | 00153 | 149*1 | 700 |
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| 20402 | 55612 | 52710 | 98021 | 18078 | 56358 | 26302 | | | |
| 20404 | 55312 | 52714 | 98021 | 17023 | 53 62 | 25300 | 006** | 12343 | |
| 20405 | 53412 | 12314 | 99011 | 16671 | 11400 | 25200 | | 10674 | 25231 |
| 20407 | 53112 | 72306 | 98012 | 16970 | 53506 | 26316 | 0**67 | 12341 | 35467 |
| 20411 | 56212 | 32707 | 99011 | 13266 | 34500 | 66308 | 0**64 | 12741 | 11203 |
| 20416 | 58612 | 83013 | 97022 | 17261 | 863 | 26405 | 0**59 | 13053 | |
| 20417 | 54012 | 72210 | 97022 | 14872 | 78430 | 28308 | | | |
| 20418 | 54612 | 62316 | 990 1 | 16670 | 45562 | 26310 | | | |
| 20423 | 56012 | 32705 | 98011 | 14973 | 31300 | 25304 | | | 1 12 |
| 20462 | 59512 | 52703 | 98004 | 11918 | 00920 | 64808 | | | |
| 20483 | 52512 | 91605 | 00454 | | | | | | |
| 20405 | 49212 | 80904 | 98014 | 15968 | 64 78 | 807 | 0**65 | 10453 | 1 285 |
| 20419 | 44212 | 70905 | 98032 | 17669 | 3163 | 25300 | 05166 | | |
| 20423 | 47012 | 82306 | 97022 | 15260 | 864 | 14300 | 00060 | 108** | |
| W20440 | 41012 | 82208 | 23106 | 18762 | 862 | 00104 | 00261 | 11443 | 904 |
| 20440 | 41912 | 80003 | 97412 | 21065 | 860 | 24524 | 0**60 | 10944 | |
| 20452 | 40312 | 90818 | 95454 | 19061 | 9 0 | 13310 | 0**61 | 10723 | |
| 20477 | 42812 | 81605 | 97022 | 21014 | 6858 | 64810 | | 11553 | |
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| 20441 | 38512 | 81408 | 97022 | 20761 | 813 | 24301 | | | 11082 |
| 20453 | 34812 | 81125 | 98022 | 24463 | 6441 | 25102 | 0**60 | 11122 | 2 506 |
| 20456 | 36312 | 81310 | 97552 | 22461 | 802 | 66612 | | | 3 413 |
| 20457 | 34012 | 81114 | 99012 | 23464 | 74641 | 15306 | | 11123 | 1 739 |
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| 20458 | 24512 | 70000 | 97031 | 30517 | 7073 | 6530 | | | |
| 20489 | 20812 | 32607 | 99021 | 25158 | 33600 | 305 | 0**49 | 12942 | 11098 |
| W20450 | 16012 | 63412 | 98022 | 28416 | 58600 | 00304 | 0**10 | 13461 | |
| 20452 | 11512 | 23507 | 98011 | 27029 | 21900 | 13300 | | | |
| 20468 | 11812 | 43211 | 98021 | 25217 | | | | | |
| 20475 | 10712 | 53008 | 98251 | 23914 | 42570 | 55306 | 05109 | 130*2 | |
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| 20489 | 15712 | 43215 | 98012 | 25461 | 32410 | 25403 | 0**46 | 13233 | |
| 20494 | 14112 | 73217 | 98011 | 24764 | 71530 | 24502 | 0**53 | 13244 | 26916 |
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| 20433 | 09512 | 20218 | 99011 | 24175 | 22700 | 46305 | | | |
| 20459 | 07412 | 32908 | 98021 | 23015 | 21400 | 54310 | 052** | 12954 | |
| 20465 | 09612 | 32210 | 98012 | 25015 | 32 02 | 26300 | 001** | 13223 | |
| 20468 | 08012 | 43315 | 99031 | 22961 | 42600 | 86300 | 05156 | 13343 | |
| 20475 | 06412 | 23502 | 99010 | 02757 | 10701 | 53101 | 05348 | | |
| 20497 | 02512 | 12508 | 97020 | 19514 | 18500 | 54305 | | | |
| 20498 | 06612 | 23313 | 98020 | 20656 | 22400 | 64315 | 0**51 | 13044 | |
| 20300 | 79512 | 80711 | 97032 | 15283 | 828 | 16100 | 0**83 | 10154 | 15715 |
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| 20317 | 77412 | 72315 | 97258 | 12578 | 65361 | 16720 | 0**72 | 12332 | 2 33 |
| 20320 | 78912 | 60511 | 99012 | 16378 | 44430 | 16305 | | 10522 | 2 337 |
| 20325 | 78612 | 82704 | 98032 | 13580 | 65642 | 16603 | 0**74 | 12733 | 27728 |
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| 20332 | 76712 | 53306 | 97505 | 11573 | 43320 | 16200 | 0**70 | 14921 | |
| 20339 | 72512 | 82003 | 97022 | 13972 | 38373 | 44602 | | 12082 | 16213 |
| 20344 | 72512 | 81517 | 98145 | 15978 | 6732 | 54008 | 0**72 | 11522 | 1 441 |
| 20344 | 75212 | 90000 | 98188 | 12972 | 44490 | 44310 | | 100** | 11090 |
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SURFACE MARINE DATA

| Location of ship and time of observation YQLaLaLo | LoLoLoGG | Tot. cld. amt. and wind Nddff | Vis. and weather VVwwW | Pressure and temp. PPPTT | Clouds NhCLhCMCH | Ship speed and press. change DsVsapp | Temp. 0TsTsTdTd | Waves IdwdwPwHw | Ship number |
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| 20290 | 88312 | 42311 | 98016 | 15282 | 29362 | 65302 | 0**77 | 14932 | 27428 |
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| 20234 | 74412 | 31418 | 98010 | 18080 | 21301 | 46110 | 0**77 | 11425 | 1 86 |
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| 20260 | 70112 | 21712 | 99012 | 18679 | 23300 | 44110 | | 11722 | 2 549 |
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| 20279 | 79612 | 43212 | 97012 | 16681 | 46500 | 85106 | | | 27471 |
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| 20203 | 68212 | 10915 | 98020 | 18382 | 12400 | 85312 | | 10923 | |
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| 20277 | 69712 | 71916 | 97022 | 19380 | 68300 | 76010 | | | 11183 |
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| 20291 | 51912 | 21108 | 99021 | 27178 | 21400 | 15306 | | 11121 | |
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| 21462 | 24212 | 83018 | 9 031 | 24754 | 863 | 00300 | | | |
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| 21344 | 62412 | 81508 | 98022 | 20167 | 8062 | 06746 | | | |
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| 21376 | 58812 | 81415 | 97020 | 23561 | 836 | 63320 | | | |
| W21303 | 40512 | 81018 | 80168 | 22566 | 885 | 15905 | 05364 | 149** | 5300 |
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| W21330 | 35012 | 20418 | 81011 | 26962 | 25500 | 00507 | 05257 | 149** | 2420 |
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| 21228 | 07512 | 62704 | 99011 | 04578 | 00940 | 34303 | | 12121 | 35062 |
| 21143 | 91312 | 80403 | 98159 | 10581 | 48 9 | 73320 | | | 35042 |
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| 21196 | 05512 | 62605 | 80205 | 14680 | 64900 | | | | |
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| 22116 | 63412 | 40920 | 98021 | | | | | | |
| 22063 | 07712 | 72309 | 98012 | 05783 | 22 61 | 55308 | 05376 | 123*2 | |
| 22065 | 07712 | 72309 | 98012 | 95783 | 22 61 | 55301 | 05376 | | |
| 22059 | 93112 | 82212 | 98003 | 06986 | 826 7 | 63303 | | 12425 | |
| 23722 | 26112 | 30501 | 99010 | 15005 | | | | | |
| 23703 | 31512 | 42909 | 99021 | 14205 | | | | | |
| 23609 | 00512 | 72505 | 99022 | 04410 | | | | | |
| 23620 | 01612 | 81613 | 97026 | 02012 | | | | | |
| 23620 | 02612 | 81613 | 97026 | 02012 | | | | | |
| 23646 | 07012 | 2 00 | 99018 | 98015 | | | | | |
| 23653 | 08012 | 800 | 9 021 | 97212 | | | | | |
| 23662 | 10412 | 71105 | 97601 | 08011 | | | | | |
| 23542 | 04212 | 42410 | 99020 | 16962 | 30501 | 54314 | | | 2 493 |
| 23570 | 02312 | 52809 | 98011 | 12411 | | | | | |
| 23576 | 05412 | 42309 | 99011 | | | | | | |
| 23587 | 02612 | 62318 | 97032 | 08212 | | | | | |
| 23591 | 03712 | 22013 | 99021 | 06011 | | | | | |

| Location of ship and time of observation YQLaLaLo | LoLoLoGG | Tot. cld. amt. and wind Nddff | Vis. and weather VVwwW | Pressure and temp. PPPTT | Clouds NhCLhCMCH | Ship speed and press. change DsVsapp | Temp. 0TsTsTdTd | Waves IdwdwPwHw | Ship number |
|---|---|---|---|---|---|---|---|---|---|
| 23317 | 31912 | 53014 | 98021 | 114 | 51500 | 74300 | | | |
| 23236 | 05212 | 21111 | 98010 | 24868 | 11450 | 36300 | | 12042 | |
| 23125 | 44312 | 32625 | 98030 | 99786 | 23430 | 55840 | 0**79 | 12624 | 16381 |
| 23135 | 48612 | 12418 | 97020 | 01490 | 00901 | 66827 | 0**80 | | 1 887 |
| 23128 | 58612 | 42340 | 99031 | 03783 | 43300 | 52820 | 0**76 | 12356 | 1 255 |
| 23174 | 56912 | 01913 | 97000 | 99580 | 05900 | 24631 | | | |
| 23180 | 57512 | 02313 | 97050 | 99582 | 00900 | 15930 | | 12344 | |
| 23101 | 61912 | 32324 | 98020 | 06486 | 31600 | 25815 | | 123*5 | |
| 23161 | 72012 | 72218 | 97258 | 02782 | | | | | |
| 23108 | 82912 | 62213 | 98021 | 02483 | 00 68 | 43 | | 12233 | |
| 23128 | 84712 | 42114 | 98021 | 00885 | 1 000 | 54510 | | | |
| 23129 | 83712 | 82320 | 98002 | 98685 | 00010 | | | | |
| 23129 | 84812 | 52315 | 96031 | 01286 | 23115 | | | | |
| 23133 | 87012 | 82224 | 98031 | 00685 | 27679 | | | | |
| 23098 | 56512 | 22119 | 98030 | 059 7 | 11400 | 24815 | 00224 | | |
| 23090 | 69912 | 62717 | 98031 | 24384 | 63600 | 24803 | | | |
| 23096 | 62012 | 22420 | 99020 | | 21600 | 24822 | | | |
| 23058 | 82312 | 52322 | 99252 | 04382 | 12 24 | 66605 | | 12333 | |
| 23059 | 85212 | 72220 | 99022 | 05480 | 54450 | | | | |

June 19 1951

| Location of ship and time of observation YQLaLaLo | LoLoLoGG | Tot. cld. amt. and wind Nddff | Vis. and weather VVwwW | Pressure and temp. PPPTT | Clouds NhCLhCMCH | Ship speed and press. change DsVsapp | Temp. 0TsTsTdTd | Waves IdwdwPwHw | Ship number |
|---|---|---|---|---|---|---|---|---|---|
| 30603 | 55512 | 41714 | 98021 | 04150 | | 75823 | 0**46 | | 3 657 |
| 30605 | 55412 | 20000 | 98032 | 05857 | 24500 | 75508 | 0**46 | | 3 274 |
| 30660 | 26012 | 00502 | 97011 | 14508 | | | | | |
| 30629 | 17312 | 83613 | 98032 | 13008 | | | | | |
| 30630 | 12012 | 80602 | 98502 | 11908 | | | | | |
| W30565 | 51012 | 92118 | 02454 | 15143 | 9 0 | 00803 | 05143 | 12133 | 3202 |
| 30533 | 40612 | 83110 | 98024 | 20752 | 863 | 65312 | 0**52 | 11851 | |
| 30506 | 30512 | 32612 | 98012 | 18057 | 39458 | 65200 | 0**7* | | 1 39 |
| W30528 | 35512 | 83215 | 74616 | 18951 | 6532 | 00407 | 05147 | 13023 | 1203 |
| 30509 | 12312 | 41809 | 99022 | 20359 | 21631 | 24401 | 00237 | 12532 | |
| W30525 | 19912 | 72418 | 98258 | 12253 | 5256 | 00715 | 05248 | 12833 | |
| 30563 | 19012 | 52412 | 96021 | 06524 | 43552 | 64820 | 00052 | 125*3 | |
| W30591 | 19212 | 70512 | 98022 | 07352 | 58672 | 00402 | 05247 | 10731 | |
| 30587 | 00412 | 52905 | 98031 | 13411 | | | | | |
| 30593 | 02212 | 73202 | 98031 | 13909 | | | | | |
| 30402 | 66512 | 60107 | 98034 | 20361 | 40660 | 25300 | 0**61 | 10120 | 11344 |
| 30407 | 64912 | 70506 | 98012 | 18361 | 74300 | 66306 | 0**61 | 112*0 | 11203 |
| 30491 | 67212 | 90613 | 98000 | | | | | | |
| 30414 | 52312 | 90004 | 90454 | 13559 | 91111 | 205 | 05857 | 105*3 | |
| 30414 | 56312 | 93604 | 90154 | 13589 | 9 0 | 505 | 0**57 | 105*3 | 3 102 |
| 30419 | 52312 | 90203 | 90472 | 14256 | 9 0 | 25302 | | 136** | 1 234 |
| W30436 | 59712 | 83407 | 74024 | 19854 | 854 | 15903 | 05052 | 13421 | 1100 |
| 30445 | 56612 | 92909 | 93284 | 18651 | 96000 | 12912 | | | |
| W30454 | 56912 | 43015 | 80014 | 17353 | 00941 | 26810 | 00351 | 13232 | 700 |
| 30405 | 44812 | 90000 | 98051 | 15966 | 9 0 | 26300 | 0**64 | 10621 | 35467 |
| 30411 | 41112 | 52705 | 98030 | 19021 | 51470 | 67300 | 00420 | 12721 | |
| 30415 | 45812 | 71103 | 99032 | 16366 | 45400 | 25302 | | 14533 | 25231 |
| 30423 | 42512 | 72902 | 99162 | 16068 | 6847 | 14300 | 00161 | 10431 | |
| 30428 | 49912 | 90000 | 90454 | 13457 | 9 0 | 26300 | 0**57 | 10752 | |
| 30434 | 45612 | 31405 | 98011 | 08166 | 21401 | 66621 | | | 3 413 |
| 30439 | 46112 | 80907 | 98014 | 16362 | 6444 | 16306 | | | 1 435 |
| W30440 | 41012 | 82507 | 64115 | 16062 | 854 | 00300 | 00061 | 149*1 | 904 |
| 30443 | 42012 | 82606 | 97022 | 12663 | 863 | 14805 | 00060 | 108** | |
| 30452 | 41512 | 63508 | 98022 | 14363 | 68361 | 18805 | | | |
| 30462 | 49212 | 40000 | 97281 | 16410 | 28450 | 64300 | | 100*0 | |
| 30498 | 45012 | 41810 | 98022 | 19058 | 43500 | 804 | | | 11072 |
| 30401 | 35012 | 52703 | 98012 | 16370 | 35370 | 66204 | 0**66 | 12720 | 26985 |
| 30433 | 39612 | 90000 | 96102 | 14265 | 9 0 | 300 | 0**61 | 12531 | 1 285 |
| 30436 | 39612 | 90000 | 96102 | 14265 | | | | | |
| 30442 | 36812 | 81809 | 98032 | 15017 | | | | | |
| 30458 | 36912 | 90905 | 96464 | 15363 | 9 0 | 24000 | 0**61 | 10942 | |
| 30463 | 31812 | 81407 | 98026 | 20359 | 814 | 25301 | | | 11082 |
| 30467 | 36412 | 71207 | 97011 | 15662 | 76100 | 23300 | 0**62 | 11422 | |
| 30468 | 30812 | 81402 | 98022 | 18362 | 88676 | 612 | 0**59 | 11441 | 11098 |
| 30403 | 24412 | 81618 | 96205 | 20065 | 873 | 54834 | | | |
| 30404 | 27112 | 81405 | 98022 | 17369 | 68437 | 25610 | 0**64 | 11422 | 1 847 |
| 30439 | 29412 | 71018 | 98022 | 18564 | 5457 | 14605 | 00161 | 11133 | |
| 30476 | 25512 | 81809 | 99022 | 19666 | 6466 | 15610 | | 11941 | 1 739 |
| 30478 | 25212 | 72102 | 99022 | 21365 | 68171 | 25516 | 0**59 | 12120 | 2 216 |
| 30484 | 23812 | 82608 | 97612 | 213 | 854 | 66610 | | 12723 | |
| 30492 | 22412 | 82210 | 99022 | 21043 | 844 | 26808 | | 12232 | 1 92 |
| W30450 | 16012 | 70000 | 98022 | 26017 | 78600 | 00907 | 9 | 13360 | |
| 30497 | 10512 | 82722 | 97168 | 22058 | 882 | 66300 | 0**56 | 12731 | |
| 30498 | 13412 | 32713 | 98018 | 20858 | 21460 | 64903 | 0**51 | 12843 | |
| 30457 | 07212 | 20002 | 99010 | 24866 | 216 | 34300 | 00351 | 13022 | |
| 30490 | 06912 | 22604 | 99000 | 24115 | | | | | |
| 30498 | 07512 | 52707 | 98011 | 24058 | 54330 | 24110 | 0**54 | 12722 | 26916 |
| 30498 | 08312 | 82516 | 98186 | 22058 | 74311 | 66300 | | 125** | 1 351 |
| 30300 | 74512 | 81910 | 98039 | 16378 | 75311 | 87802 | 0**72 | | 11218 |
| 30304 | 70912 | 42105 | 98022 | 19076 | 48300 | 44103 | | 12166 | 16213 |
| 30308 | 79312 | 72711 | 98032 | 15279 | 59441 | 16306 | 0**73 | 12732 | 2 99 |
| 30310 | 75712 | 62208 | 98021 | 18079 | 45492 | 54304 | 0**74 | 12523 | 1 441 |
| 30315 | 71312 | 52219 | 99031 | 16678 | 24630 | 45206 | | 12122 | 15601 |
| 30320 | 78912 | 60511 | 99012 | 16378 | 44430 | 16305 | | | |
| 30322 | 77912 | 50908 | 98168 | 14278 | 32421 | 15312 | 0**71 | | 25237 |
| 30327 | 77512 | 30706 | 98012 | 14679 | 33800 | 16100 | | 10154 | 15715 |
| 30333 | 72112 | 61416 | 97022 | 14975 | 32300 | 76627 | | | 11183 |
| 30339 | 74312 | 33603 | 99021 | 15973 | 29482 | 86406 | 0**70 | | 11338 |
| 30355 | 71912 | 50716 | 98031 | 15277 | 31340 | 25312 | 0**72 | 10732 | 2 33 |
| 30356 | 74512 | 70621 | 98802 | 15776 | 75330 | 314 | 05475 | 10724 | |
| W30360 | 70012 | 60615 | 80018 | 16073 | 58530 | 00315 | 00167 | 11124 | 808 |
| 30374 | 72312 | 50613 | 81011 | 15671 | 00715 | | | | |
| 30376 | 70412 | 30210 | 98011 | 18072 | 00901 | 25314 | 0**66 | 10222 | 17623 |
| 30377 | 72112 | 20617 | 98021 | 18672 | 11501 | 00018 | | | |
| 30378 | 74312 | 13404 | 97054 | 19078 | 01220 | 86302 | 0**69 | 13400 | 27728 |
| 30379 | 72112 | 4 715 | 98022 | 18570 | 11506 | 312 | | | |
| 30379 | 74112 | 10615 | 98011 | 18065 | 00901 | 86326 | | | 1 432 |
| 30384 | 73212 | 10713 | 99011 | 20067 | 18400 | 55306 | 0**62 | 11033 | 26706 |
| 30303 | 53912 | 32110 | 98011 | 22476 | 31300 | 35301 | | | 1 169 |
| 30307 | 56612 | 42311 | 98021 | 21776 | 42400 | 65300 | | 12332 | 27082 |
| 30313 | 52112 | 22712 | 98020 | 22081 | 21400 | 75806 | | 12743 | 1 505 |
| 30315 | 55012 | 22604 | 98030 | 20075 | 12410 | 55820 | 0**72 | 12623 | 26871 |
| 30352 | 53112 | 82317 | 97616 | 16369 | 873 | 64 | 0**69 | 12524 | |
| 30330 | 46712 | 42315 | 99021 | 23780 | 45432 | 15808 | | 12521 | |
| 30330 | 49112 | 32209 | 99021 | 206 | 00901 | 65604 | | 12222 | 27145 |
| 30332 | 47512 | 62310 | 98022 | 21775 | 22461 | 65810 | 0**74 | 12322 | 2 195 |
| 30346 | 44512 | 82712 | 98022 | 21073 | 824 | 65300 | 0**70 | 12722 | 26834 |
| 30349 | 46512 | 72209 | 97010 | 20475 | 55530 | 65602 | 0**73 | 12233 | |
| W30350 | 48012 | 82225 | 80808 | 18771 | 5555 | 00811 | 00270 | 12533 | 105 |
| 30359 | 48612 | 72117 | 98018 | 17672 | 74691 | 66810 | | | 1 34 |
| 30362 | 45812 | 72703 | 97030 | 23529 | 7166 | 16300 | | | |
| 30385 | 43212 | 82710 | 97032 | 15969 | 8071 | 65304 | 0**68 | 127** | 1 621 |
| W30399 | 43812 | 83309 | 80025 | 16068 | 76402 | 66410 | 05764 | 12622 | 600 |
| 30397 | 30112 | 61607 | 98054 | 15964 | 66838 | 26300 | 0**64 | 10922 | 1 493 |
| 30358 | 29812 | 32307 | 98018 | 16675 | 11510 | 66608 | 0**68 | 12520 | 11342 |
| 30394 | 20912 | 51412 | 99011 | 23467 | 00941 | 25314 | | | |
| 30360 | 16612 | 80510 | 99032 | 20370 | 63366 | 64310 | | 10522 | 15719 |
| 30361 | 10712 | 43625 | 98021 | 14970 | 21440 | 06304 | | | 11318 |
| 30360 | 03812 | 71103 | 96022 | 15283 | 76430 | 65302 | | 11121 | 2 254 |
| 30362 | 00312 | 20410 | 96021 | 13523 | 00911 | | | | |
| 30369 | 08912 | 13315 | 98020 | 13268 | 00901 | 66802 | 0**60 | 13344 | 3 478 |
| 30275 | 90812 | 41903 | 98031 | 15984 | 23565 | 75300 | | 11621 | 27677 |
| 30200 | 86912 | 61010 | 97054 | 15982 | 46610 | 44300 | 0**77 | 11042 | 2 428 |
| 30205 | 80512 | 00808 | 98012 | 16983 | | 34302 | 0**75 | 10923 | 1 180 |
| 30210 | 84412 | 22510 | 98020 | 12583 | 21400 | 46812 | | | 35133 |
| 30243 | 82212 | 60513 | 98012 | 17680 | 21416 | 36300 | | | 17211 |
| 30243 | 82612 | 10905 | 98000 | 16681 | 00905 | 25304 | 0**78 | 10921 | 17705 |
| 30244 | 81812 | 20906 | 98011 | 16982 | 00910 | 55306 | | | 1 95 |
| 30251 | 84412 | 02002 | 98011 | 15980 | 00900 | 45306 | | 12022 | |
| 30256 | 87712 | 41912 | 98011 | 16685 | 43400 | 45301 | 0**80 | 11911 | 2 141 |
| 30259 | 88412 | 31807 | 97051 | 16681 | 31600 | 64910 | | 11821 | 1 952 |
| 30260 | 85812 | 21810 | 97050 | 14684 | 21400 | 75306 | 0**76 | 118*1 | 27044 |
| 30265 | 87312 | 81715 | 98052 | 16682 | 38477 | 36300 | | | 27581 |
| 30266 | 89512 | 81815 | 98012 | 15988 | 00907 | 75300 | 0**75 | 11822 | 27585 |
| 30267 | 88912 | 51815 | 98031 | 14983 | 52300 | 35302 | 0**78 | 11833 | |
| 30270 | 88012 | 52313 | 98021 | 13283 | 22481 | 75306 | 0**76 | 123*1 | 27044 |
| 30272 | 88612 | 12010 | 98050 | 17381 | 14509 | 77312 | | | 2 60 |
| 30284 | 89212 | 62310 | 98012 | 15281 | 22308 | 64320 | | 12721 | 27032 |
| 30290 | 87812 | 72301 | 99016 | 15980 | 79700 | 45312 | 0**77 | | 2 433 |
| 30247 | 74012 | 21209 | 99021 | 19381 | 12510 | 84320 | 0**80 | | 1 99 |
| 30256 | 70712 | 31607 | 98011 | 18084 | 22660 | 36312 | | | |
| 30257 | 79412 | 81803 | 98022 | 15281 | 3142 | 45602 | 0**76 | 11811 | 1 842 |
| 30260 | 79712 | 43010 | 98012 | 19079 | 00948 | 84202 | 0**7* | 10321 | 27696 |
| 30273 | 74512 | 81803 | 98021 | 20077 | 00968 | 86413 | 0**71 | | 1 577 |
| 30285 | 74212 | 81816 | 98259 | 19374 | 874 | 85202 | | | |
| 30293 | 74312 | 82304 | 98250 | 19080 | 874 | 84501 | | 12321 | 26925 |
| 30293 | 77912 | 72315 | 99038 | 15679 | 59461 | 55304 | | 12334 | 27239 |
| 30296 | 77912 | 72218 | 98022 | 16381 | 31696 | 55320 | | 12423 | 27649 |
| 30297 | 79512 | 72715 | 98258 | 14978 | 56222 | 86312 | 0**74 | 12754 | 2 147 |
| 30299 | 78512 | 72510 | 98022 | 16674 | 23499 | 74310 | | 12522 | 17617 |
| 30299 | 79612 | 52712 | 98021 | 16978 | 58400 | 86300 | 0**72 | 12742 | 16211 |
| 30213 | 68512 | 21010 | 98021 | 18682 | 22400 | 86300 | | 11143 | |
| 30220 | 68912 | 41220 | 97031 | 18380 | 00910 | 44300 | | 11333 | 2 549 |
| 30226 | 68812 | 51110 | 97021 | 17384 | 52500 | 85312 | 0**76 | 11152 | 1 988 |
| 30243 | 69212 | 31810 | 98020 | 18382 | 31681 | 44306 | 0**81 | 11822 | 11137 |
| 30261 | 69812 | 11410 | 98000 | 20083 | 12400 | 85300 | | 11422 | |
| 30266 | 68412 | 31809 | 99022 | 20579 | 22230 | | | | |
| 30281 | 69412 | 22010 | 98000 | 19579 | 11401 | 65111 | 0**73 | 12133 | |
| 30284 | 65112 | 52010 | 98021 | 22082 | 52400 | 45310 | 0**74 | 12022 | 2 356 |
| 30243 | 59112 | 21111 | 98020 | 21781 | 21300 | 35801 | | | 11220 |
| 30269 | 52112 | 41302 | 98021 | 22625 | 21501 | | | | |
| 30264 | 39612 | 10406 | 98020 | 22526 | 12500 | 14104 | | | |
| 30298 | 27012 | 23303 | 98011 | 19275 | 22500 | 15301 | | 13320 | |
| 30299 | 12212 | 30212 | 98021 | 12200 | 33800 | 13097 | 062** | 136*4 | |
| 30115 | 90012 | 00915 | 99026 | 10580 | 00900 | 36305 | | | 16400 |
| 30190 | 92612 | 01420 | 98010 | 07582 | 00000 | 505 | | | |
| 30127 | 80612 | 81025 | 97804 | 12582 | 8831 | 45306 | | | |
| 30140 | 81612 | 61221 | 97032 | 11581 | 44362 | 46302 | | 11044 | 26914 |
| 30105 | 78012 | 82918 | 98975 | 12077 | 81600 | 54305 | | | 1 292 |
| 30110 | 76112 | 70913 | 97022 | 11981 | | | | | 35534 |
| 30167 | 75912 | 50916 | 98021 | 15083 | 22610 | 33208 | | | 27558 |
| 30174 | 75412 | 60919 | 88050 | 15982 | 22141 | 05640 | 0**07 | 15103 | 1 86 |
| 30176 | 71212 | 80721 | 97022 | 16680 | 8452 | 25310 | 0**74 | 10733 | 2 103 |
| 30180 | 75112 | 21605 | 97054 | 16984 | 21400 | 46300 | | 11034 | 26920 |
| 30113 | 62812 | 80512 | 97052 | 16182 | 3141 | 66310 | 00177 | | |
| 30127 | 65412 | 60912 | 98032 | 15282 | 62443 | 34210 | 0**77 | 11233 | |
| 30134 | 65812 | 80927 | 97022 | 15284 | 886 | 45110 | 0**83 | 10914 | |
| 30139 | 67912 | 71112 | 98022 | 14979 | 72520 | 76312 | | | 15701 |
| 30165 | 64512 | 80716 | 97022 | 17383 | 3131 | 85312 | | | 1 398 |
| 30166 | 68212 | 80818 | 97628 | 16380 | 873 | 46806 | | | 1 30 |
| 30169 | 64912 | 60915 | 97022 | 18383 | 11430 | 15316 | 0**75 | 10954 | 1 221 |
| 30170 | 68112 | 80710 | 97818 | 17380 | 87 | 46210 | | | 2 686 |
| 30187 | 68212 | 50915 | 97052 | 16981 | 32530 | 46310 | | 10922 | 1 143 |
| 30074 | 83112 | 83005 | 97818 | 10579 | 86 | 66116 | 0**76 | 12132 | 3 71 |
| 30076 | 82512 | 73607 | 98168 | 10979 | 82520 | 76410 | | | |
| 30050 | 50512 | 31307 | 98021 | 14981 | 11346 | 77322 | 0**76 | | 2 46 |
| 30079 | 55412 | 81108 | 98022 | 14980 | 823 | 86301 | | | 27296 |
| 30020 | 21912 | 31715 | 99012 | 13580 | 31600 | 35302 | 0**79 | 11644 | 17259 |
| 30022 | 23812 | 71509 | 98038 | 13279 | 31320 | 35300 | 0**74 | | 1 546 |
| 31606 | 27912 | 80205 | 98032 | 12550 | 855 | 56308 | | | 1 410 |
| 31513 | 75312 | 83406 | 98032 | 22744 | 854 | 66407 | 0**42 | 1***1 | 37347 |
| 31518 | 70312 | 33210 | 99011 | 22046 | 30745 | 65110 | 0**42 | 13220 | 3 125 |
| 31543 | 74512 | 00504 | 98031 | 20044 | | | | | |
| 31502 | 65312 | 80709 | 99022 | 18044 | 863 | 26206 | 0**40 | 10723 | 3 333 |
| 31543 | 64512 | 00504 | 98031 | 20044 | 00900 | 26300 | 0**40 | 10522 | 3 304 |
| 31548 | 67812 | 83209 | 97022 | 21746 | 864 | 75300 | | 13242 | 2 57 |
| 31591 | 64112 | 80000 | 98021 | 24040 | 814 | 74 07 | 0**40 | | 3 107 |
| W31500 | 45012 | 81912 | 94444 | 33148 | 86200 | 00300 | 00148 | | |
| 31418 | 77212 | 83512 | 98022 | 190 | 844 | 306 | 0**42 | 13534 | 3 639 |
| 31491 | 76712 | 30510 | 99021 | 22742 | 31400 | 26608 | | | 27183 |
| 31429 | 69512 | 93410 | 97052 | 00749 | 9 0 | 66810 | 0**49 | 13422 | 35663 |
| 31438 | 63612 | 81609 | 98614 | 02752 | 872 | 24826 | | 11621 | 37132 |
| 31403 | 51012 | 81210 | 81022 | 25159 | 8052 | | | | |
| 31458 | 46512 | 81805 | 97022 | 34956 | 864 | 66810 | 0**54 | 1**** | 3 256 |
| 31430 | 36012 | 80512 | 98022 | 34555 | 882 | 26820 | 0**51 | | 3 238 |
| 31428 | 24612 | 03630 | 97444 | 18048 | | | | | |
| 31462 | 24212 | 83215 | 98032 | 24054 | 884 | 00312 | | | |
| 31344 | 67312 | 82024 | 98022 | 10369 | 8052 | 63829 | | | |

SURFACE MARINE DATA

June 19 1951

| Location of ship and time of observation YQLaLaLa | LoLoLoGG | Tot. cld. amt. and wind Nddff | Vis. and weather VVwwW | Pressure and temp. PPPTT | Clouds NhCLhCMCH | Ship speed and press. change DsVsapp | Temp. OTsTsTdTd | Waves IdwdwPwHw | Ship number |
|---|---|---|---|---|---|---|---|---|---|
| 31355 | 67712 | 72334 | 95218 | 06165 | 79500 | 15806 | | 12358 | 37351 |
| 31367 | 64012 | 82021 | 98022 | 06466 | 855 | 66813 | 0**64 | | 35562 |
| 31326 | 57212 | 31808 | 98011 | 20071 | 22550 | 66614 | 0**67 | 11162 | 3 169 |
| 31369 | 55412 | 71307 | 98022 | 20367 | 78350 | 65716 | | 11331 | 3 656 |
| 31308 | 47712 | 51116 | 99021 | 23470 | 44501 | 55810 | 0**69 | 11132 | 2 299 |
| 31330 | 49712 | 61416 | 99152 | 23467 | 58441 | 64906 | | 11466 | 1 502 |
| 31368 | 47812 | 42725 | 98021 | 07368 | 45660 | | | | |
| W31330 | 34812 | 70215 | 81022 | 22861 | 785 | 15818 | 05455 | 149** | 5300 |
| W31330 | 35012 | 80222 | 81022 | 24860 | 855 | 00818 | 05351 | 10454 | 2420 |
| 31392 | 34312 | 70529 | 98022 | 27857 | 00660 | 26831 | | | 35209 |
| W31331 | 24012 | 81704 | 74026 | 13059 | 863 | 25809 | 05053 | 149** | 5600 |
| 31377 | 22712 | 91809 | 98022 | 13654 | 66220 | 12334 | | | |
| 31324 | 19912 | 80000 | 98022 | 13560 | 854 | 00610 | 0**58 | 13042 | 3 559 |
| 31330 | 18612 | 80000 | 99022 | 14558 | 855 | 886 | 05256 | | |
| 31270 | 93212 | 31316 | 98031 | 11582 | 32600 | 26310 | | 11332 | |
| 31280 | 91412 | 31620 | 98020 | 14683 | 21400 | 35320 | 0**76 | 11642 | |
| 31280 | 94912 | 61816 | 98180 | 14683 | 32272 | 65302 | 0**79 | 11843 | 27428 |
| 31285 | 91012 | 62579 | 70510 | 52826 | 13416 | 41020 | | | 1 900 |
| 31249 | 72012 | 3 505 | 98011 | 16678 | 32400 | | | | |
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June 20 1951

| YQLaLaLa | LoLoLoGG | Nddff | VVwwW | PPPTT | NhCLhCMCH | DsVsapp | OTsTsTdTd | IdwdwPwHw | Ship number |
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June 21 1951

| YQLaLaLa | LoLoLoGG | Nddff | VVwwW | PPPTT | NhCLhCMCH | DsVsapp | OTsTsTdTd | IdwdwPwHw | Ship number |
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| 52453 | 73512 | 80710 | 91424 | 18345 | 5427 | 26810 | | | 35388 |
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| 52475 | 78012 | 83419 | 98022 | 13242 | 843 | 26636 | 0**37 | 10525 | 3 241 |
| 52481 | 74012 | 94504 | 90024 | 15043 | 90000 | 23610 | | | |
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| 52322 | 34412 | 82719 | 97202 | 05080 | 85300 | | | | |
| 52349 | 40112 | 82012 | 97022 | 01273 | | | | | |
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| 52363 | 43212 | 81721 | 50616 | 98471 | 5742 | 64826 | 07070 | 12241 | |
| 52365 | 47212 | 71508 | 94102 | | | | | | |
| 52373 | 43512 | 81417 | 97542 | 99372 | | 55812 | | | 37286 |
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| 52369 | 53512 | 72716 | 97284 | 07869 | 5700 | 66804 | | 1*232 | 37606 |
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| W52310 | 64012 | 72005 | 48022 | 18078 | 25507 | 00004 | 00074 | 12123 | |
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| 52218 | 22912 | 02001 | 97000 | 11381 | 00000 | | | | |
| 52224 | 24312 | 2202 | 98022 | 10082 | 24701 | | | | |
| 52225 | 23212 | 22006 | 98020 | 10879 | 21541 | 55605 | | | 35580 |
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| 52254 | 20112 | 02205 | 81020 | 09580 | 00000 | | | | |
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| 52245 | 35012 | 22807 | 99021 | 11983 | 29400 | | | | |
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| 52130 | 14312 | 3 017 | 98021 | 05086 | 11330 | | | | |
| 52133 | 19412 | 11205 | 98020 | 10886 | 11000 | 34306 | | | |
| 52142 | 14412 | 31610 | 98091 | 11083 | 26619 | | | | |
| 52151 | 10412 | 32109 | 99021 | 10986 | 3231 | 15704 | 05173 | 121*1 | |
| 52163 | 11012 | 52010 | 82010 | 09788 | | | | | |
| 52167 | 13412 | 40810 | 81021 | 10589 | 24433 | 15545 | | | |
| 52172 | 19012 | 12301 | 29011 | 11183 | 18500 | 53305 | 00077 | 123*3 | |
| 52174 | 19012 | 11804 | | | | | | | |
| 52189 | 19412 | 21405 | 97021 | 11483 | 25500 | | | | |
| 52199 | 16012 | 31804 | 99021 | 08886 | 30705 | 76808 | | 11855 | 37303 |

June 21 1951

| LOCATION OF SHIP AND TIME OF OBSERVATION | | TOT. CLD. AMT. AND WIND | VIS. AND WEATHER | PRESSURE AND TEMP | CLOUDS | SHIP SPEED AND PRESS. CHANGE | TEMP | WAVES | SHIP NUMBER |
|---|---|---|---|---|---|---|---|---|---|
| YQLaLaLa | LoLoLoGG | Nddff | VVwwW | PPPTT | NhClhCmCh | DsVsapp | OTsTsTdTd | IdwdwPwHw | |
| 52196 | 28312 | 21103 | 97012 | 12482 | 11410 | | | | |
| 52198 | 26312 | 11404 | 85021 | 11083 | 21500 | | | | |
| 52170 | 33912 | 21109 | 98020 | 13585 | 12451 | 16300 | | | 37117 |
| 52125 | 43112 | 30305 | 97031 | 10283 | 23510 | | | | |
| 52130 | 46912 | 40000 | 98021 | 09581 | 42400 | 66303 | | 100•0 | 3 56 |
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| 52149 | 96312 | 72520 | 98012 | 04683 | 28678 | 75605 | | 12535 | |
| 52024 | 01712 | 41402 | 99021 | 10085 | 24510 | | | | |
| 52072 | 19012 | 12301 | 99011 | 11183 | 18500 | 53405 | 00077 | 123•3 | |
| 52039 | 57612 | 80508 | 96031 | 10088 | 68500 | | | | |
| 52056 | 84312 | 62218 | 98022 | 09086 | 616 1 | 63110 | | 12203 | |
| 52046 | 98512 | 41202 | 98020 | 09785 | 34440 | 45408 | | 100•• | 35557 |
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| 53573 | 01812 | 82005 | 97022 | 20114 | | | | | |
| 53586 | 01012 | 61811 | 98021 | 17812 | | | | | |
| 53419 | 10612 | 23411 | 98020 | 16982 | 22600 | 35300 | 0••70 | 13420 | 2 248 |
| 53356 | 19712 | 03210 | 99010 | 15278 | 00900 | 65606 | | | |
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| 53155 | 63112 | 62018 | 81011 | 05137 | 03680 | 34905 | | 12034 | |
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| 53166 | 62012 | 52418 | 97021 | 06787 | 51400 | 27300 | | | |
| 53150 | 85512 | 72409 | 98011 | 03283 | 21570 | 15815 | | 12422 | |
| 53064 | 54112 | 02328 | 99010 | 11580 | 00900 | 53604 | 0••77 | 149•5 | 1 255 |
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| 53066 | 79212 | 72314 | 96022 | 08881 | 5467 | | | | |
| 53071 | 78312 | 82615 | 99168 | 09080 | 64611 | 25810 | 00174 | | |
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| 53077 | 72012 | 72713 | 98258 | 09681 | 26565 | 24404 | | 12144 | |
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| 53079 | 76212 | 73010 | 99022 | 09182 | 22570 | 24505 | | | |
| 53096 | 71012 | 52818 | 97251 | 09787 | 52601 | | | | |
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| 53059 | 80512 | 83019 | 98168 | 10078 | 74609 | 26420 | | 13021 | |
| 53063 | 82512 | 93022 | 10779 | 62682 | 28107 | 051 | | 12552 | |
| **June 22 1951** | | | | | | | | | |
| 60737 | 59212 | 90000 | 13412 | | | | | | |
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| 60618 | 08312 | 52005 | 97021 | 17210 | | | | | |
| 60534 | 66112 | 82506 | 98022 | 22555 | 854 | 26313 | 00253 | | |
| W60546 | 51112 | 81823 | 64034 | 11645 | 865 | 85617 | 00243 | 11822 | 1100 |
| W60565 | 51012 | 21724 | 64024 | 08747 | 00980 | 00802 | 00445 | 11724 | 3202 |
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| 60591 | 18912 | 72423 | 98806 | 09353 | 7843 | 51300 | 05100 | 12237 | |
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| 60406 | 62312 | 22202 | 98011 | 19372 | 21400 | 56320 | | | |
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| 60404 | 55012 | 60013 | 98021 | 18769 | 31660 | 25314 | 05359 | 13531 | |
| 60413 | 57512 | 63210 | 98012 | 19068 | 32410 | 318 | 0••63 | 13221 | 11098 |
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| 60463 | 53712 | 81804 | 97012 | 18349 | 84 | 56300 | | | 1 410 |
| 60416 | 41912 | 51623 | 98018 | 09020 | 46502 | 25313 | 00317 | 11657 | |
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| 60445 | 25012 | 81205 | 98024 | 17118 | 8342 | 16315 | | | |
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| 60462 | 26012 | 21805 | 98201 | 25024 | 34530 | | | | |
| 60467 | 26312 | 81416 | 99022 | 25465 | 853 | 26103 | | | 1 327 |
| 60476 | 24912 | 81407 | 98022 | 29518 | 22 | 25305 | | | |
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| 60479 | 24012 | 41603 | 99011 | 28163 | 44560 | 26309 | | | |
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| 60491 | 21112 | 73602 | 98031 | 26169 | 74800 | 23300 | 0••56 | 10282 | |
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| W60450 | 16012 | 13616 | 98012 | 26716 | 18600 | 00314 | 0••10 | 13543 | |
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| 60403 | 09712 | 12605 | 81000 | 19570 | 66610 | | | | |
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| 60337 | 77212 | 60503 | 98031 | 15276 | 24522 | 54301 | | | 16206 |
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| W60380 | 70312 | 80610 | 80022 | 16074 | 12537 | 66310 | 05871 | 12121 | 600 |
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| 60303 | 67712 | 72402 | 98021 | 16372 | 34320 | 64 | 0••70 | 124•2 | |
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| 60368 | 65112 | 91602 | 93474 | 15967 | | | | | |
| 60355 | 53712 | 23513 | 98020 | 17723 | 21500 | 26300 | 00217 | 10533 | |
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| 60323 | 43912 | 42706 | 99021 | 16573 | 12535 | 141 | 05163 | | |
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| 60350 | 28512 | 11807 | 98020 | 26023 | 11600 | 14316 | 00320 | 13332 | |
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| 60268 | 87512 | 83401 | 96052 | 15682 | 2251 | 85300 | 0••72 | 134•0 | 2 173 |
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| 60212 | 50712 | 31803 | 98011 | 19525 | 2015 | | | | |
| 60228 | 55812 | 10903 | 98020 | 21528 | 11500 | 16300 | | | |
| 60267 | 52812 | 52706 | 98021 | 18379 | 4163 | 55110 | | | |
| 60294 | 52112 | 10504 | 98011 | 19378 | 11330 | 15300 | 0••75 | 10122 | 2 686 |
| 60224 | 17612 | 00412 | 97050 | 16623 | 00900 | 46302 | 00420 | 10422 | |
| 60118 | 88912 | 42510 | 99021 | 09182 | 42500 | 36802 | 0••78 | 12522 | 3 395 |

SURFACE MARINE DATA

| LOCATION OF SHIP AND TIME OF OBSERVATION | | TOT. CLD. AMT. AND WIND | VIS. AND WEATHER | PRESSURE AND TEMP | CLOUDS | SHIP SPEED AND PRESS. CHANGE | TEMP | WAVES | SHIP NUMBER |
|---|---|---|---|---|---|---|---|---|---|
| YQLaLaLa | LoLoLoGG | Nddff | VVwwW | PPPTT | NhClhCmCh | DsVsapp | OTsTsTdTd | IdwdwPwHw | |
| 60132 | 81512 | 60918 | 98205 | 11282 | 65400 | 34804 | 0••78 | 10933 | 2 141 |
| 60160 | 84412 | 81815 | 97205 | 09180 | 883 | 36412 | | | 6334 |
| 60134 | 71312 | 31022 | 97058 | 12582 | 32500 | 35314 | | 11055 | 2 329 |
| 60180 | 75112 | 81125 | 98022 | 13282 | 82653 | 45300 | 0••77 | 11144 | 1 270 |
| 60198 | 74112 | 51207 | 98011 | 13984 | 52719 | 14000 | 0••76 | 112•• | 3 452 |
| 60116 | 61712 | 71113 | 97022 | 11981 | 53430 | 26606 | | | 1 221 |
| 60153 | 68712 | 41018 | 97152 | 13584 | 43300 | 45202 | | 11023 | 15601 |
| 60159 | 67012 | 00910 | 98000 | 13982 | 00900 | 74302 | 0••77 | 10943 | |
| 60165 | 65512 | 50613 | 98011 | 14582 | 52400 | 14302 | 00076 | 106•4 | |
| 60193 | 68012 | 20912 | 98010 | 15685 | 22600 | 75106 | 7 | 10913 | 15701 |
| 60105 | 55812 | 81121 | 97188 | 13280 | 1737 | 25308 | | | 1 221 |
| 60113 | 59812 | 50916 | 98018 | 12982 | 32410 | 25306 | | | 1 874 |
| 60192 | 59812 | 51410 | 98031 | 19079 | 53400 | 35108 | | | |
| 60116 | 46812 | 50720 | 98032 | 14279 | 54500 | 35110 | 0••75 | | 11220 |
| 60195 | 39812 | 51410 | 98031 | 19079 | 53400 | 35108 | | | 1 169 |
| 60071 | 81612 | 73213 | 98022 | 08881 | | | | | 35534 |
| 60086 | 56812 | 30607 | 99021 | 13282 | 31300 | 76310 | 0••75 | 10621 | 2 228 |
| 60092 | 52012 | 81012 | 98022 | 11979 | 28592 | 35307 | 0••79 | 11033 | 15711 |
| 60048 | 44512 | 50908 | 99020 | 13581 | 32302 | 37310 | | | 11044 |
| 61591 | 61812 | 70508 | 98202 | 15251 | 75600 | 00807 | | 100•0 | 2 57 |
| W61500 | 45012 | 81022 | 98022 | 24350 | 8300 | 00908 | 00349 | | |
| 61516 | 47812 | 91516 | 97216 | 21048 | 9 0 | 26318 | | | 27183 |
| 61511 | 39812 | 92706 | 95412 | 27149 | 9 0 | 67000 | 0••47 | 12721 | 3 469 |
| 61516 | 38812 | 82910 | 96434 | 27849 | 841 | 65322 | 0••49 | | 36640 |
| 61460 | 77412 | 82912 | 98022 | 06442 | 5337 | 16818 | | | |
| 61478 | 76312 | 83512 | 97022 | 03445 | 864 | 66406 | 0••45 | 1•••• | 3 256 |
| 61490 | 79912 | 80409 | 96022 | 06543 | 85500 | 23615 | | | |
| 61481 | 68812 | 93505 | 94454 | 99044 | 9 0 | 26902 | | 10926 | 3 241 |
| 61452 | 56012 | 41514 | 98030 | 10256 | 41400 | 111 | | | 3 634 |
| 61480 | 53312 | 81820 | 97104 | 13249 | 862 | 26300 | 0••49 | 11636 | 3 143 |
| 61434 | 45912 | 71409 | 99022 | 24059 | 00920 | 24312 | | 11432 | 37132 |
| 61443 | 30212 | 80012 | 98012 | 09655 | 86500 | | | | |
| 61487 | 33912 | 82905 | 99284 | 26151 | 844 | 26306 | 0••51 | 12920 | 3 333 |
| 61462 | 24212 | 82910 | 98031 | 16653 | 813 | 00300 | | | |
| 61485 | 24912 | 01489 | 98000 | 18254 | 00000 | 00132 | | | |
| 61325 | 77812 | 8 711 | 98031 | 11661 | | | | | |
| 61363 | 75612 | 81703 | 97414 | 10861 | 862 | 65706 | | 13162 | 3 656 |
| 61373 | 71512 | 72709 | 98022 | 13457 | 18807 | 62805 | | | |
| 61301 | 68112 | 13210 | 99021 | 18068 | 00901 | 65006 | 0••60 | 13307 | 2 299 |
| 61330 | 64012 | 72706 | 98501 | 16364 | 61341 | 63300 | | 18261 | 1 502 |
| 61399 | 52612 | 70910 | 98022 | 18661 | 76300 | | | | 3 639 |
| 61303 | 41412 | 80514 | 98182 | 20766 | 824 | 300 | 0••56 | 10532 | 37218 |
| 61387 | 42912 | 88707 | 98022 | 18563 | 866 0 | | | | |
| 61317 | 32512 | 83005 | 6 032 | 15669 | 84400 | | | | |
| 61318 | 33512 | 80415 | 98022 | 19368 | 85 | 13602 | 0••62 | | 3 167 |
| W61330 | 35012 | 80411 | 81022 | 21861 | 855 | 00503 | 05252 | 10344 | 2420 |
| 61353 | 31512 | 80210 | 98022 | 21759 | 85 | 16510 | | | 3 46 |
| 61384 | 34712 | 80306 | 98822 | 19065 | 884 | 16702 | | | |
| 61375 | 28712 | 80012 | 97022 | 19057 | 886 | 64306 | 0••50 | | 1 742 |
| 61378 | 27012 | 83416 | 98022 | 15847 | 7546 | 74401 | | | 35683 |
| 61378 | 27812 | 83416 | 98022 | 15847 | 75460 | 74401 | | | |
| 61325 | 17812 | 82711 | 98031 | 11661 | 885 | 804 | 05159 | 12722 | |
| 61342 | 19912 | 2904 | 96030 | 12560 | | 65300 | 0••25 | 12922 | 36702 |
| 61262 | 91012 | 41507 | 97051 | 14681 | 36508 | 26110 | | 11532 | 1 952 |
| 61270 | 91112 | 41509 | 96021 | 10181 | 10908 | 74209 | | | 27596 |
| 61271 | 91112 | 41509 | 96021 | 10181 | 11908 | 74209 | | | |
| 61273 | 90212 | 71804 | 98032 | 13983 | 63547 | 35300 | | 11822 | 27677 |
| 61281 | 91112 | 61413 | 97032 | 09583 | 11302 | 300 | | | 25261 |
| 61286 | 93012 | 82012 | 97052 | 12582 | 25507 | 65300 | 0••74 | 12022 | 27649 |
| 61267 | 88612 | 61505 | 97031 | 13428 | 34507 | 75108 | 05122 | 11331 | |
| 61211 | 78412 | 10808 | 98221 | 17677 | 12500 | | | | |
| 61291 | 79612 | 10203 | 99020 | 19072 | 00940 | 66302 | 0••66 | 10280 | 3 169 |
| 61200 | 65712 | 90207 | 97422 | 95546 | 9 0 | 25810 | | 10233 | |
| 61224 | 55912 | 00610 | 99000 | 15676 | 00900 | 15002 | 0••74 | 10623 | |
| 61250 | 54412 | 31105 | 98011 | 15976 | 31400 | 15302 | 0••69 | | 16340 |
| 61261 | 50812 | 60904 | 99031 | 17674 | 41 68 | 16806 | | | 3 420 |
| 61212 | 49112 | 60910 | 98038 | 18675 | 32752 | 66300 | 0••69 | 109•1 | 3 211 |
| W61280 | 45012 | 80616 | 80028 | 20167 | 846 | 00908 | 05558 | 149•• | 5821 |
| 61283 | 41312 | 90110 | 99022 | 19667 | 94400 | | | | |
| 61291 | 37412 | 80514 | 98032 | 17866 | 846 | | | | |
| 61221 | 11912 | 33220 | 98021 | 09571 | 11560 | 66302 | | | 1 809 |
| 61294 | 16312 | 83219 | 98022 | 11764 | 854 | 75804 | 0••55 | 13132 | 35526 |
| 61204 | 06812 | 12203 | 98020 | 07878 | 11 01 | 73300 | | | 35042 |
| 61136 | 90512 | 80103 | 98016 | 09874 | 884 | 24606 | 0••74 | 10121 | 35614 |
| 61138 | 94512 | 80214 | 97536 | 09085 | 862 | 34300 | | 10233 | |
| 61139 | 95812 | 81112 | 99256 | 09180 | 57 2 | 34118 | | 12032 | 35062 |
| 61170 | 81612 | 60000 | 98732 | 09187 | 32566 | 35310 | | | |
| 61170 | 69912 | 40778 | 98021 | 13278 | 31410 | | | | |
| 61175 | 67212 | 50712 | 99021 | 75978 | 41901 | | | | |
| 61182 | 66112 | 70706 | 98058 | 12977 | 54401 | 006 | 0••74 | 107•• | 37188 |
| 61173 | 51312 | 20909 | 99010 | 17380 | 21600 | 54310 | 05180 | | |
| 61196 | 58312 | 10909 | 99010 | 15677 | 11300 | 14002 | | | |
| 61132 | 01912 | 60504 | 99022 | 06884 | 22 17 | 66302 | 0••76 | 11534 | 3 71 |
| 61136 | 03712 | 63203 | 99030 | 09183 | 62600 | 26512 | 0••79 | 118•• | 27221 |
| 61182 | 03312 | 73106 | 98133 | 09883 | 32650 | 300 | 05378 | 149•0 | |
| 61186 | 05312 | 22802 | 98021 | 10283 | 00921 | 93 | | 11992 | 35046 |
| 61196 | 05712 | 52305 | 98031 | 09181 | 22469 | 34602 | 0••79 | 11231 | 3 584 |
| 62400 | 66212 | 91008 | 96414 | 01156 | 19 0 | 1731 | 0••06 | 11153 | 1 818 |
| 62402 | 60212 | 82525 | 97034 | 05465 | 8 | 84823 | 0••61 | 11111 | 37347 |
| 62412 | 63512 | 91708 | 97532 | 07557 | 9 0 | 66826 | 0••57 | 11722 | 35663 |
| 62467 | 62412 | 91102 | 90474 | 09848 | 9 0 | 55832 | 0••44 | 11120 | 3 125 |
| W62480 | 62012 | 91212 | 04474 | 11044 | 9 0 | 00906 | 00344 | 149•• | |
| W62480 | 62012 | 91212 | 04474 | 11044 | 9 0 | 00906 | 00344 | 149•• | 5218 |
| 62453 | 75712 | 80506 | 96612 | 08547 | 855 | 64300 | | 10462 | 35686 |
| 62460 | 77412 | 82912 | 98022 | 06442 | 042 | 45 | | | 35388 |
| 62330 | 45512 | 82330 | 98026 | 03474 | | 54312 | | | 3 116 |
| 62339 | 49512 | 41917 | 98031 | 02775 | 11363 | 64812 | 0••72 | 12023 | 1 441 |
| 62349 | 40212 | 71712 | 99031 | 97674 | 72652 | 55303 | 0••72 | 11733 | 3 396 |
| 62388 | 46712 | 42316 | 98011 | 01065 | 41100 | 66302 | | 12332 | 37606 |
| 62326 | 55212 | 32322 | 98012 | 11975 | 34 00 | 65300 | 0••75 | 12322 | 3 427 |
| 62378 | 54812 | 41920 | 97030 | 01069 | 00972 | 14314 | 0••68 | 11945 | |
| W62381 | 53812 | 82331 | 50026 | 99970 | 3742 | 00315 | 06668 | 12249 | |
| 62391 | 58512 | 62015 | 97052 | 03768 | 48448 | 26106 | 0••68 | 12133 | 3 49 |
| W62310 | 64012 | 11605 | 64022 | 18079 | 25500 | 00110 | 00123 | 11923 | |
| W62310 | 64012 | 11805 | 64022 | 18079 | 25500 | 00110 | 00123 | 11923 | |
| 62314 | 77712 | 02910 | 99000 | 16972 | 00900 | 56306 | 0••68 | | 35562 |
| 62200 | 13012 | 11815 | 82050 | 08785 | 16717 | 14300 | | | |
| 62212 | 14812 | 31809 | 83010 | 07183 | 38600 | 44107 | 00183 | 11823 | |
| 62221 | 17012 | 41609 | 98022 | 11481 | 48 00 | 24300 | 00078 | | |
| 62251 | 19912 | 11905 | 81020 | 07882 | 11300 | | | | |
| 62270 | 21412 | 33405 | 99111 | 09178 | 00970 | 54310 | 00175 | | |
| W62285 | 34912 | 82620 | 75258 | 06777 | 845 | 00115 | 07874 | 12635 | |
| 62210 | 40012 | 50607 | 96251 | 11986 | 24200 | 16310 | | | 37117 |
| 62225 | 70812 | 40814 | 99031 | 78 | 42500 | 65002 | 0••75 | 10921 | 35339 |
| 62115 | 11012 | 61905 | 98001 | 01083 | 45530 | 15210 | 00379 | 11921 | |
| 62115 | 17012 | 61905 | 98001 | 01083 | 45530 | 15210 | 00379 | 11921 | |
| 62142 | 16012 | 42309 | 99011 | 09683 | 23355 | 54305 | 05276 | 123•2 | |
| 62164 | 19612 | 6 | 98 | 12584 | | | | | |
| 62182 | 19812 | 20000 | 98020 | 11884 | 11540 | 55300 | | | 35580 |
| 62160 | 22112 | 60502 | 98 | 06885 | | | | | |
| 62164 | 54312 | 21111 | 98011 | 08882 | 22510 | | | | |
| 62075 | 49412 | 62323 | 80205 | 13280 | 57429 | | | | |
| 62098 | 42812 | 72718 | 98128 | 08980 | | | | | |
| 62058 | 81812 | 42518 | 98021 | 09483 | 4 1 | 63427 | | 12524 | |
| 62057 | 90812 | 52518 | 98032 | 06687 | 56963 | 28202 | | 12633 | |
| 63726 | 19512 | 83207 | 98032 | 22105 | | | | | |
| 63704 | 31312 | 82109 | 98258 | 26907 | | | | | |
| 63619 | 04512 | 81405 | 97051 | 18012 | | | | | |
| 63622 | 04412 | 91600 | 96006 | 15913 | | | | | |
| 63626 | 02012 | 81802 | 97518 | 19512 | | | | | |
| 63662 | 10812 | 40000 | 9901 | 27016 | | | | | |
| 63565 | 03212 | 80918 | 97028 | 16214 | | | | | |
| 63586 | 03412 | 81909 | 97515 | 19950 | 854 | 75821 | | | |
| 63405 | 01612 | 15005 | 99010 | 15026 | 10805 | 16820 | | | |
| 63405 | 08612 | 11415 | 98020 | 15029 | 10901 | 75830 | | | |
| 63425 | 04712 | 51010 | 96011 | 11725 | 30 51 | 57810 | | | |
| 63429 | 05212 | 61115 | 97021 | 12222 | 40824 | 57818 | | | |
| 63366 | 16812 | 21505 | 98020 | 30616 | | | | | |
| 63368 | 13112 | 01903 | 99010 | 16979 | 00900 | 65606 | | | |
| 63394 | 14012 | 33202 | 97020 | 164 | 00911 | 73805 | | | |
| 63354 | 22212 | 20000 | 97020 | 21028 | 20430 | 35300 | | | |
| 63205 | 38712 | 03315 | 98050 | 08591 | 00905 | 34618 | 0••73 | 13453 | 2 548 |
| 63178 | 39912 | 23216 | 98050 | 06190 | 00902 | 76617 | 0••75 | | 1 887 |
| 63140 | 49412 | 02413 | 98020 | 05388 | 00900 | 26820 | 0••81 | 12423 | |
| 63182 | 69712 | 42520 | 97021 | 04988 | 22501 | 27840 | | | |
| 63112 | 81012 | 42320 | 98020 | 03485 | 00001 | | | | |
| 63027 | 51912 | 22333 | 99011 | 12282 | 21300 | 53814 | 0••74 | 119•3 | 1 255 |
| 63060 | 65412 | 32813 | 99021 | 12287 | 22460 | 65006 | 0••76 | 12733 | |
| 63077 | 69212 | 42722 | 98021 | 09884 | 41500 | 64510 | | 127•5 | |
| 63066 | 76912 | 82912 | 98808 | 09981 | 804 | 24409 | | 12844 | |
| 63067 | 79512 | 62413 | 82032 | 13379 | 45404 | 15300 | | 124•2 | |
| 63080 | 75212 | 82918 | 97181 | 08983 | 33620 | | | | |
| 63083 | 76912 | 82706 | 95602 | 08070 | 64620 | | | | |
| **June 23 1951** | | | | | | | | | |
| 70687 | 56112 | 81610 | 97504 | 04448 | 864 | 72300 | 0••48 | 11655 | 3 274 |
| 70694 | 56112 | 81617 | 96216 | 03144 | 1147 | 76304 | 0••42 | | 3 657 |
| W70620 | 33012 | 83011 | 80024 | 21047 | 4642 | 00401 | 05244 | 10133 | 701 |
| 70666 | 21112 | 83413 | 96545 | 14105 | | | | | |
| 70628 | 13012 | 71802 | 98031 | 11410 | | | | | |
| 70629 | 12212 | 71805 | 97022 | 12213 | | | | | |
| 70617 | 08512 | 81809 | 95502 | 14211 | | | | | |
| 70622 | 09412 | 82205 | 96505 | 13310 | | | | | |
| W70526 | 51412 | 62906 | 64024 | 19642 | 54560 | 46317 | 05110 | 12925 | 3200 |
| 70528 | 52312 | 32205 | 98020 | 18847 | 60091 | 25322 | 00439 | 121•1 | |
| W70565 | 51012 | 12519 | 80011 | 14847 | 00901 | 00324 | 00243 | 12034 | 1102 |
| 70588 | 53412 | 71918 | 98031 | 06445 | 70520 | 75802 | | | |
| W70528 | 35512 | 81206 | 74022 | 25657 | 855 | 00301 | 00451 | 14930 | 1203 |
| W70526 | 19712 | 73020 | 98028 | 19854 | 485 | 51307 | 05247 | 13044 | |
| W70591 | 18812 | 72516 | 97258 | 11052 | 484 | 51305 | 05248 | 12635 | |
| 70594 | 08312 | 61805 | 98021 | 15958 | 60630 | 65806 | | | |
| 70497 | 75012 | 72915 | 99022 | 1766 | 2444 | 22773 | | | |
| 70406 | 65212 | 22106 | 98010 | 20075 | 11800 | 54300 | | 12120 | 27529 |
| 70407 | 67112 | 51803 | 90412 | 18072 | 56201 | 300 | 0••69 | | 11098 |
| 70409 | 61512 | 32209 | 98020 | 224 | 20731 | 66304 | | 12241 | |
| 70426 | 62112 | 72008 | 97054 | 21361 | 75 00 | 56300 | | | 1 410 |
| 70454 | 56912 | 93217 | 90424 | 20754 | 9 0 | 15301 | 0••53 | 132•2 | 2 119 |
| 70401 | 43712 | 92420 | 95332 | 08166 | 9 0 | 310 | 0••61 | 13122 | 1 856 |
| 70414 | 40912 | 32315 | 98021 | 14966 | 35500 | 66820 | 0••61 | 12322 | 11172 |
| 70421 | 47912 | 73413 | 98014 | 14459 | 65408 | 663 | | | 16364 |
| 70422 | 43212 | 60915 | 98012 | 11565 | 64560 | 26334 | | 10947 | 1 673 |
| 70422 | 45412 | 40216 | 96010 | 14263 | 44201 | 66516 | 0••61 | 10233 | |
| 70440 | 40412 | 31410 | 98021 | 16376 | 39801 | 66300 | | 11443 | 3 478 |
| W70440 | 41012 | 61005 | 80016 | 16466 | 22669 | 00300 | 00363 | 11232 | 904 |
| 70446 | 42612 | 70804 | 99032 | 15964 | 74100 | 24336 | 0••54 | 10832 | 17623 |
| 70451 | 44712 | 50310 | 90464 | 17366 | 16131 | 66510 | | | 1 351 |
| 70447 | 35612 | 61406 | 98031 | 19670 | 61300 | 16316 | 0••63 | 11421 | 11344 |
| 70447 | 38912 | 81509 | 98031 | 18164 | 853 | 54804 | 0••62 | 12043 | |
| 70448 | 38212 | 71610 | 98014 | 19068 | 65400 | 55300 | 0••62 | | 1 729 |
| 70455 | 36012 | 81808 | 96424 | 20362 | 852 | 66303 | | | 1 187 |
| 70463 | 33412 | 91804 | 91458 | 1 963 | 9 0 | 67604 | 0••63 | 11821 | |
| 70488 | 37712 | 71110 | 97414 | 20761 | 74300 | 604 | 0••59 | 11123 | 1 832 |
| 70408 | 28012 | 81609 | 98014 | 27972 | 865 | 66805 | 0••66 | 11621 | 1 906 |
| 70410 | 22912 | 82310 | 99032 | 30164 | 854 | 67300 | | | 11042 |
| 70415 | 26212 | 72711 | 98032 | 27167 | 52360 | 55306 | 0••62 | 12321 | 2 292 |
| 70454 | 21112 | 92406 | 94434 | 24464 | 9 0 | 53812 | 0••64 | 12432 | 17605 |
| 70455 | 20612 | 92015 | 97434 | 28462 | 9 0 | 15602 | | 11922 | |
| 70477 | 20112 | 82305 | 96602 | 26016 | 854 | 64807 | 056•• | 12551 | |
| 70487 | 22712 | 72612 | 98032 | 24463 | 42570 | 610 | 0••58 | 13022 | 1 982 |
| 70488 | 21912 | 72710 | 98031 | 23057 | 31176 | 66608 | | | 2 256 |
| 70436 | 16212 | 52903 | 98031 | 28515 | 68500 | 54310 | 053•• | | |
| 70438 | 10112 | 53209 | 98020 | 2636 | 44611 | 46105 | 00253 | 13222 | |
| W70450 | 16012 | 53010 | 98012 | 29017 | 25640 | 00300 | 9 | 13052 | |
| 70470 | 17312 | 62505 | 97012 | 17422 | 65540 | 16608 | | | |
| 70472 | 13912 | 63221 | 98022 | 24061 | 62540 | 25308 | 0••52 | 13246 | 26830 |
| 70491 | 16012 | 72715 | 98012 | 25017 | 74 | 25605 | | | |
| 70496 | 13512 | 83222 | 98252 | 20359 | 873 | 54300 | 0••58 | 13234 | 17926 |
| 70497 | 15012 | 72915 | 99022 | 21766 | 24440 | 22613 | 0••58 | 12822 | |

SURFACE MARINE DATA

| LOCATION OF SHIP AND TIME OF OBSERVATION | | TOT. CLD. AMT. AND WIND | VIS. AND WEATHER | PRESSURE AND TEMP | CLOUDS | SHIP SPEED AND PRESS. CHANGE | TEMP | WAVES | SHIP NUMBER |
|---|---|---|---|---|---|---|---|---|---|
| YQLaLaLa | LoLoLoGG | Nddff | VVwwW | PPPTT | NhClhCmCh | DsVsapp | OTsTsTdTd | IdwdwPwHw | |
| 70497 | 16212 | 82515 | 98161 | 21766 | 872 | 808 | 0••60 | 12723 | 3 102 |
| 70499 | 12112 | 42919 | 98011 | 20860 | 22480 | 26810 | 0••57 | 13044 | |
| 70405 | 09612 | 23620 | 98011 | 25163 | 22300 | 85312 | 0••56 | 13622 | 27065 |
| 70465 | 07212 | 63218 | 99012 | 21360 | 42678 | 15300 | 05148 | 13162 | |
| 70303 | 80712 | 31804 | 96051 | 16678 | 24541 | 44306 | | 11821 | 16206 |
| 70300 | 70912 | 01808 | 98021 | 18079 | 00900 | 44308 | 0••72 | | 11062 |
| 70302 | 70012 | 22505 | 98020 | 18078 | 12660 | 36310 | 0••74 | | 11052 |
| 70305 | 78412 | 51707 | 97051 | 18081 | 33362 | 34110 | | | 2 45 |
| 70322 | 72112 | 61602 | 98021 | 16375 | 62500 | 203 | | 11621 | 1 976 |
| 70326 | 77312 | 50003 | 98021 | 14984 | 32261 | 16312 | 0••81 | | |
| 70333 | 72412 | 42303 | 90011 | 18380 | 21302 | 44312 | 0••40 | 10•0• | 16212 |
| 70333 | 76712 | 31408 | 98011 | 16381 | 34400 | 16312 | 0••77 | 11421 | |
| 70340 | 71912 | 32002 | 99011 | 17476 | 37600 | 45130 | | 14921 | |
| 70347 | 74212 | 20000 | 98011 | 16976 | 21600 | 86300 | | | 1 398 |
| 70348 | 71312 | 72705 | 98021 | 18078 | 22310 | 84306 | | | 1 30 |
| 70348 | 74312 | 52209 | 82031 | 14981 | 31411 | | | | |
| 70350 | 72312 | 20003 | 99011 | 17678 | 22400 | 45210 | 0••70 | | 2 558 |
| 70352 | 74812 | 31405 | 98020 | 17682 | 34400 | 16310 | 0••75 | 11420 | 27061 |
| 70359 | 74012 | 61806 | 99021 | 01807 | 83150 | 24631 | 0••07 | 11181 | 36709 |
| 70360 | 71112 | 21402 | 98031 | 18177 | 22700 | 15309 | | 11721 | 2 595 |
| W70360 | 73412 | 51708 | 80021 | 15879 | 22606 | 15310 | 05471 | 11031 | 1700 |
| 70369 | 76712 | 81105 | 99021 | 18087 | 42686 | 55320 | | 114•• | 27481 |
| 70370 | 74812 | 21810 | 98021 | 15670 | 12402 | 26602 | 0••69 | 118•1 | 3 472 |
| W70370 | 76312 | 42112 | 80022 | 14075 | 00908 | 00300 | 05572 | 12120 | 600 |
| W70378 | 71112 | 61710 | 80031 | 17577 | 22501 | 35404 | 00472 | 100•0 | 508 |
| 70382 | 73212 | 41810 | 99010 | 14673 | 31308 | 16302 | 0••70 | 11820 | |
| 70385 | 71912 | 71905 | 81031 | | | | | | |
| 70390 | 74012 | 61710 | 98031 | 12974 | 64651 | 86810 | | 11721 | |
| 70398 | 70412 | 62010 | 97051 | 17675 | 22406 | 15302 | 0••72 | 11332 | |
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| 70346 | 60712 | 61618 | 99032 | 24073 | 64400 | 24212 | 0••72 | 11632 | 27696 |
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| LOCATION OF SHIP AND TIME OF OBSERVATION | | TOT. CLD. AMT. AND WIND | VIS. AND WEATHER | PRESSURE AND TEMP | CLOUDS | SHIP SPEED AND PRESS. CHANGE | TEMP | WAVES | SHIP NUMBER |
|---|---|---|---|---|---|---|---|---|---|
| YQLaLaLa | LoLoLoGG | Nddff | VVwwW | PPPTT | NhClhCmCh | DsVsapp | OTsTsTdTd | IdwdwPwHw | |
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| **June 24 1951** | | | | | | | | | |
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| W10527 | 20112 | 73217 | 98022 | 20055 | 2843 | 71404 | 05149 | | |
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| W10591 | 18712 | 70113 | 98038 | 19052 | 784 | 00106 | 05247 | 13524 | |
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| 10425 | 58812 | 81912 | 96026 | 18668 | 855 | 68812 | | | |
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| 10464 | 56612 | 71307 | 98216 | 13318 | 90070 | 24912 | | | |
| W10466 | 53712 | 82004 | 64022 | 22953 | 0097 | 56009 | 00250 | 149•1 | 3200 |
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| 10403 | 42312 | 53420 | 99011 | 18667 | 52400 | 25300 | 0••62 | 13435 | 2 337 |
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| 10375 | 72312 | 42310 | 9705 | 16380 | 00915 | 15300 | 0••77 | 12322 | |
| 10376 | 72512 | 01302 | 97050 | 18475 | | | | | |
| 10382 | 71012 | 02310 | 97054 | 16975 | 00900 | 46516 | | 12332 | 1 944 |
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| 10333 | 50812 | 50509 | 99030 | 24171 | 55600 | 16300 | 05463 | 10222 | |
| 10344 | 57612 | 71509 | 98016 | 25473 | 5565 | 15306 | 05268 | | |
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| 10377 | 09212 | 23409 | 98020 | 18448 | 00005 | 45620 | 00563 | 13543 | |
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| 10287 | 88312 | 30213 | 97021 | 09886 | 00930 | 102 | | | 25261 |
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| 10207 | 74212 | 80814 | 98032 | 17381 | 875 | 65306 | | 10833 | 2 125 |
| 10209 | 74112 | 80916 | 97022 | 15980 | 0097 | 86310 | | | 1 434 |
| 10228 | 74212 | 91413 | 98130 | | | | | | |
| 10228 | 74512 | 81210 | 98022 | 17682 | 0092 | 86316 | | | 1 141 |
| 10246 | 79912 | 31308 | 97031 | 19082 | 31400 | 85312 | | | |
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| 10273 | 74212 | 01408 | 98021 | 19581 | 00900 | | | | |
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| 10287 | 70412 | 82202 | 98032 | 19782 | 895 | 45103 | | 14921 | |
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| 10267 | 69012 | 41408 | 99011 | 22782 | 41604 | 14309 | 0••74 | 11482 | 3 452 |
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| 10295 | 69312 | 81605 | 97052 | 21778 | 87200 | 00309 | 0••77 | 11621 | 1 976 |

June 24 1951

| LOCATION OF SHIP AND TIME OF OBSERVATION | | TOT. CLD. AMT. AND WIND | VIS. AND WEATHER | PRESSURE AND TEMP. | CLOUDS | SHIP SPEED AND PRESS. CHANGE | TEMP. | WAVES | SHIP NUMBER |
|---|---|---|---|---|---|---|---|---|---|
| $YQL_aL_aL_a$ | $L_oL_oL_oGG$ | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $D_sV_sapp$ | $OT_sT_sT_dT_d$ | $Id_wd_wP_wH_w$ | |
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| 10257 | 47312 | 30309 | 98020 | 21326 | 12400 | 55008 | 05119 | 10321 | |
| 10114 | 89912 | 53008 | 99012 | 10584 | 00995 | 34300 | | 12521 | 35062 |
| 10161 | 87512 | 40720 | 99022 | 11283 | 00982 | 86300 | | 10744 | 1 111 |
| 10122 | 76112 | 70818 | 98031 | 10581 | 78500 | 44606 | 0**78 | 10834 | 1 180 |
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| 10152 | 75012 | 60718 | 98012 | 11981 | 60598 | 87312 | | | 11142 |
| 10166 | 73112 | 51117 | 98022 | 12982 | 22621 | 76304 | | 11235 | |
| 10171 | 75712 | 80918 | 97505 | 13278 | 3742 | 56812 | | | 1 1 |
| 10132 | 65612 | 90920 | 98032 | 13581 | 94680 | 84310 | 0**80 | 10943 | 11137 |
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| 10155 | 55912 | 10613 | 98020 | 18428 | 10842 | 55310 | 00323 | 10033 | |
| 10177 | 58312 | 91409 | 82022 | | | | | | |
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| 10076 | 49812 | 30721 | 98020 | 12281 | 31460 | 35602 | | | 1 221 |
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| 11601 | 71512 | 80706 | 97002 | 22741 | 864 | 65303 | | 105*1 | 2 57 |
| 11690 | 66212 | 21205 | 99022 | 24034 | 20500 | 00400 | 0**60 | 100** | 3 107 |
| 11530 | 59412 | 80910 | 97152 | 16350 | 843 | 66807 | 0**48 | | 36640 |
| W11500 | 45012 | 91602 | 91454 | 26549 | 9 | 00907 | 00049 | | |
| 11501 | 46212 | 91610 | 97565 | 24252 | 9 0 | 26603 | 0**46 | 11431 | |
| 11402 | 71812 | 43216 | 98011 | 25152 | 49600 | 26306 | | | 35562 |
| 11453 | 72712 | 83516 | 98022 | 08147 | 8545 | 27809 | 0**45 | 13532 | 1 818 |
| 11458 | 78612 | 93406 | 98022 | 14244 | 8537 | 25300 | | | 35679 |
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| 11492 | 67812 | 80415 | 95636 | 96035 | 85500 | | | | |
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| 11311 | 26812 | 03209 | 98022 | 15860 | 855 | 26616 | 05756 | | |
| 11319 | 24512 | 82914 | 98032 | 12759 | | | | | |
| 11335 | 25912 | 83430 | 98022 | 21857 | 857 | 15803 | 05854 | | |
| 11347 | 21212 | 83008 | 99022 | 10458 | 854 | 36 | | 12921 | |
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| 11377 | 22712 | 92105 | 98022 | 11554 | 90520 | 12741 | | | |
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| 11268 | 14312 | 93210 | 98000 | 08863 | 00000 | 76610 | | | |
| 11269 | 15412 | 70202 | 72022 | 09161 | 60627 | | | | |
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| 11097 | 91212 | 53305 | 99021 | 10881 | 11682 | 26606 | 0**77 | 124** | 27221 |
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| 12236 | 22212 | 30308 | 98021 | 08082 | 11541 | | | | |
| 12250 | 24212 | 20902 | 82020 | 06184 | 22600 | 14300 | 00277 | | |
| 12253 | 24212 | 32503 | 97021 | | | | | | |
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| 12258 | 27712 | 52112 | 97022 | 07584 | 25770 | | | | |
| 12252 | 33612 | 22304 | 96021 | 13583 | | | | | |
| 12285 | 35212 | 92306 | 93646 | 09575 | | | | | |
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| 12128 | 10912 | 32210 | 98020 | 08584 | 21509 | 55305 | 00182 | 12233 | |
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| 13174 | 72612 | 82515 | 98012 | 01086 | | | | | |
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| 13077 | 74712 | 62714 | 08161 | 07783 | 47 2 | 64810 | | | |
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| 13012 | 86112 | 82224 | 98252 | 02884 | 43 20 | 55605 | | 12447 | |
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| June 25 1951 | | | | | | | | | |
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| 20628 | 13012 | 00113 | 98030 | 18108 | | | | | |
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| 20536 | 42412 | 70624 | 99802 | 12252 | 71600 | 26600 | 00046 | | |
| W20528 | 35512 | 70210 | 74152 | 11353 | 723 | 00805 | 05148 | 10521 | 1203 |



| LOCATION OF SHIP AND TIME OF OBSERVATION | | TOT. CLD. AMT. AND WIND | VIS. AND WEATHER | PRESSURE AND TEMP. | CLOUDS | SHIP SPEED AND PRESS. CHANGE | TEMP. | WAVES | SHIP NUMBER |
|---|---|---|---|---|---|---|---|---|---|
| $YQL_aL_aL_a$ | $L_oL_oL_oGG$ | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $D_sV_sapp$ | $OT_sT_sT_dT_d$ | $Id_wd_wP_wH_w$ | |
| 20534 | 39912 | 80902 | 97012 | 19956 | 85522 | 55306 | | | |
| 20562 | 30312 | 81102 | 97501 | 17256 | 855 | 65814 | | | |
| 20570 | 25012 | 61110 | 98022 | 17354 | 44221 | 16820 | 0**53 | 11122 | 16303 |
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| 20323 | 51012 | 41102 | 98020 | 21372 | 41400 | 64300 | | | |
| 20376 | 54112 | 32315 | 99010 | 15975 | 31311 | 64014 | | 12323 | 15719 |
| 20379 | 54012 | 82018 | 98031 | 16671 | 875 | 66822 | | | 1 605 |
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| 20140 | 71412 | 80914 | 97022 | 14680 | 39797 | 74309 | | 10935 | 27534 |
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| 20192 | 74512 | 81016 | 97606 | 13280 | 68279 | 16306 | | | 1 292 |
| 20109 | 60412 | 00809 | 98001 | 13990 | 00900 | 65302 | | 10931 | 16395 |
| 20136 | 65712 | 31421 | 98021 | 13984 | 23300 | 45303 | | 11457 | |
| 20143 | 63412 | 90810 | 96051 | 14282 | 9 0 | 76304 | | | 1 328 |
| 20145 | 66312 | 51003 | 98031 | 13582 | 34713 | 75303 | | 10023 | |
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| 20011 | 84612 | 81808 | 98162 | 10578 | 835 | 14500 | 05369 | 11843 | |
| 20072 | 81712 | 60000 | 99011 | 10287 | 58405 | 34502 | 0**77 | | 35614 |
| 20079 | 84612 | 82004 | 99022 | 09882 | 3261 | 26306 | 0**78 | 118** | 27221 |
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| 20051 | 44612 | 51309 | 98011 | 10884 | 32565 | 36312 | | | 1 221 |
| 20010 | 38312 | 21310 | 98021 | 10580 | 21400 | 35309 | 0**81 | 11322 | 15711 |
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| 21493 | 66812 | 93107 | 95105 | 24753 | 9 0 | 26503 | 0**50 | 12720 | |
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| 21474 | 59812 | 81309 | 97022 | 99950 | 85700 | | | | |
| 21442 | 46012 | 81403 | 97022 | 23352 | 7547 | 75802 | | | 35683 |
| 21460 | 49012 | 81427 | 98032 | 18052 | 66477 | 26304 | | | 35388 |
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| 21461 | 39812 | 81404 | 98113 | 27855 | 8142 | 26001 | 0**50 | 11412 | 3 241 |
| 21465 | 32912 | 83411 | 97402 | 25455 | 8642 | 55320 | | 13421 | 27238 |
| 21493 | 36812 | 93107 | 95105 | 24753 | | | | | |
| 21404 | 24512 | 81705 | 98042 | 09852 | 864 | 13433 | | | |
| 21462 | 24212 | 93515 | 92454 | 15952 | | | | | |
| 21485 | 24912 | 90000 | 92454 | 17353 | 9 0 | 00601 | | | |
| 21328 | 78212 | 33210 | 98012 | 17665 | 36300 | 64302 | | 13233 | 1 502 |
| 21347 | 45812 | 31805 | 98011 | 02268 | 32600 | | | | |
| 21369 | 45412 | 20910 | 98020 | 25464 | 21500 | 64104 | 0**59 | | 1 742 |
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| 21325 | 37512 | 80415 | 98022 | 19364 | 854 | 57806 | | | 3 87 |
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| 21360 | 31112 | 80315 | 97021 | 18058 | 853 | 816 | | 10356 | 3 639 |
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| 21377 | 22712 | 82113 | 98022 | 12555 | 84320 | 12232 | | | |
| 21379 | 24412 | 83615 | 97022 | 12252 | 874 | 11314 | | | 3 634 |
| 21382 | 27012 | 83220 | 97022 | 13056 | 8662 | 74115 | | 13135 | 35694 |
| 21386 | 23712 | 91313 | 28205 | | | | | | |
| 21326 | 18012 | 82907 | 98022 | 11560 | 5552 | 102 | 05254 | | |
| 21231 | 97412 | 81405 | 96606 | 10578 | 87306 | 34110 | | | 27741 |
| 21251 | 95312 | 81018 | 96032 | 15282 | 28517 | 83308 | | 10935 | 27589 |
| 21263 | 91312 | 61115 | 97052 | 16380 | 48308 | 65208 | 0**76 | 11122 | |

SURFACE MARINE DATA

| LOCATION OF SHIP AND TIME OF OBSERVATION | | TOT. CLD. AMT. AND WIND | VIS. AND WEATHER | PRESSURE AND TEMP. | CLOUDS | SHIP SPEED AND PRESS. CHANGE | TEMP. | WAVES | SHIP NUMBER |
|---|---|---|---|---|---|---|---|---|---|
| $YQL_aL_aL_a$ | $L_oL_oL_oGG$ | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $D_sV_sapp$ | $OT_sT_sT_dT_d$ | $Id_wd_wP_wH_w$ | |
| 21276 | 96112 | 71320 | 97015 | 14683 | 22462 | 24310 | | 11365 | 1 892 |
| 21288 | 90312 | 61603 | 97052 | 18384 | 44510 | 63110 | | | 2 568 |
| 21289 | 92512 | 81415 | 97052 | 18684 | 00907 | 65308 | 0**70 | 11443 | 27585 |
| 21259 | 52912 | 21006 | 65012 | 20273 | 29600 | 56603 | | | |
| 21261 | 50112 | 80915 | 96182 | 16371 | 833 | 910 | 0**68 | | 37188 |
| W21280 | 45012 | 60508 | 81031 | 20067 | 65600 | 00810 | 05560 | 10642 | 5821 |
| 21232 | 32112 | 83309 | 98022 | 15973 | 7132 | 66300 | | | 1 809 |
| 21231 | 11312 | 63405 | 56022 | 09454 | 71310 | | | | |
| 21293 | 17212 | 83009 | 99022 | 11759 | 84511 | 36 | | 13021 | |
| 21229 | 09812 | 63605 | 97022 | 08568 | | | | | |
| 21132 | 93112 | 62907 | 99031 | 11282 | 27529 | 34306 | 0**80 | 12641 | 3 584 |
| 21160 | 98012 | 80903 | 96656 | 08577 | 873 | 66300 | | | 35133 |
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| 21182 | 22012 | 80310 | 98022 | 12271 | 86400 | 66602 | 05162 | 10343 | |
| 21130 | 01712 | 92420 | 97808 | 08879 | 47370 | 66802 | | | |
| 21167 | 00012 | 90835 | 97032 | 06480 | | | | | |
| 21185 | 07212 | 73202 | 98022 | 10581 | 77400 | 00 | | 11434 | 35046 |
| 21198 | 07312 | 02702 | 99020 | 09876 | 00900 | 36810 | | | 35209 |
| 21066 | 94112 | 42603 | 98031 | 99080 | 12406 | | | | |
| 22407 | 49612 | 82013 | 98152 | 13064 | 864 | 54300 | | | |
| 22409 | 50912 | 62010 | 98021 | 13267 | 64480 | 16602 | | 12042 | 36920 |
| 22413 | 56612 | 81405 | 97024 | 16861 | 855 | 55304 | | 12045 | 35686 |
| 22422 | 56012 | 02205 | 98021 | 16360 | 00900 | 56301 | 0**57 | 1**** | 3 256 |
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| W22480 | 62012 | 81805 | 81022 | 16243 | 856 | 00310 | 00242 | 149** | 5218 |
| 22431 | 72612 | 83113 | 96024 | 11952 | 86500 | | | | |
| 22436 | 71712 | 83220 | 96022 | 10044 | | | | | |
| 22453 | 70312 | 83416 | 97282 | 11246 | 864 | 14310 | 0**46 | 13434 | |
| 22325 | 34712 | 90220 | 98206 | 01469 | 0 | 55306 | 0**66 | | 1 731 |
| 22336 | 37212 | 91113 | 32626 | 02469 | | | | | |
| 22395 | 32112 | 80118 | 98021 | 18556 | 54420 | | | | |
| 22340 | 44012 | 81825 | 92636 | 04068 | | | | | |
| 22359 | 45612 | 82612 | 98 | 13271 | 873 | 66325 | 0**63 | 12696 | 37347 |
| 22364 | 45612 | 81416 | 97515 | 07568 | 844 | 26820 | | 11643 | 3 54 |
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| W22391 | 53012 | 22309 | 82012 | 16066 | 21505 | 00301 | 06961 | 11843 | |
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| W22310 | 64012 | 11508 | 64022 | 19879 | 25500 | 00003 | 05175 | 11623 | |
| 22319 | 60112 | 31103 | 97021 | 20779 | 32400 | 16322 | | | 37117 |
| 22335 | 66812 | 02206 | 97100 | 21074 | 00900 | | | | |
| 22356 | 62112 | 72810 | 98168 | 18071 | 73300 | 65300 | | 12451 | 3 656 |
| 22303 | 71612 | 20310 | 99011 | 22074 | 00941 | 65310 | 0**70 | 13541 | 2 299 |
| 22225 | 25312 | 02015 | 99800 | 09081 | 00900 | 14302 | 00479 | 12123 | |
| 22238 | 24712 | 31920 | 98022 | 10068 | 217 | | | | |
| 22241 | 25112 | 12117 | 98021 | 07079 | 11700 | | | | |
| 22247 | 29412 | 02116 | 99001 | 06184 | | | | | |
| 22252 | 20812 | 22113 | 99020 | 06482 | 00811 | | | | |
| 22262 | 29312 | 02311 | 99000 | 08880 | 00900 | 55300 | | | 3 116 |
| 22272 | 25312 | 21810 | 97011 | 06082 | | | | | |
| 22282 | 24312 | 72616 | 98012 | | | | | | |
| 22294 | 26312 | 72719 | 96123 | 03081 | 55556 | | | | |
| 22211 | 35512 | 21506 | 99150 | 11329 | 2 500 | 25303 | 05326 | 11031 | |
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| W22289 | 34712 | 42327 | 81012 | 07078 | 25550 | 00309 | 07876 | 12346 | |
| 22293 | 36012 | 82217 | 95022 | 28081 | 86000 | | | | |
| 22222 | 59912 | 51410 | 99030 | 16682 | 51600 | 56004 | | | 35562 |
| 22253 | 58512 | 81805 | 98151 | 18680 | 874 | 66308 | 0**74 | 11630 | 3 169 |
| 22123 | 11612 | 23610 | 22020 | 09190 | | | | | |
| 22162 | 16112 | 42905 | 98021 | 10284 | 42000 | | | | |
| 22133 | 28512 | 50103 | 98131 | 06084 | 53400 | 66301 | 0**78 | 10121 | 3 56 |
| 22191 | 24912 | 02005 | 96000 | 09086 | 00900 | | | | |
| 22166 | 45712 | 42308 | 97021 | 15284 | 3153 | | | | |
| 22174 | 56512 | 21210 | 98021 | 16681 | 22500 | 67302 | 0**74 | 11253 | 3 57 |
| 22081 | 08212 | 23004 | 98011 | 12085 | 19789 | | | | |
| 22085 | 08312 | 32006 | 97021 | 08086 | 36521 | | | | |
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| 22050 | 58612 | 72705 | 96022 | 11580 | | | | | |
| 22088 | 50812 | 41209 | 80012 | 15979 | | | | | |
| 22053 | 63012 | 30303 | 99021 | 07880 | 32400 | | | | |
| 22082 | 67612 | 60807 | 99031 | | | | | | |
| 23638 | 06912 | 83605 | 97022 | 00911 | | | | | |
| 23562 | 03712 | 83124 | 96028 | 98414 | | | | | |
| 23568 | 03012 | 83009 | 98022 | 948 | | | | | |
| 23569 | 04212 | 82109 | 98022 | 95713 | | | | | |
| 23572 | 02012 | 83013 | 96022 | 95912 | | | | | |
| 23581 | 00612 | 83522 | 94022 | 95011 | 853 | 73204 | 05110 | 13446 | |
| 23581 | 01512 | 83613 | 97022 | 94012 | | | | | |
| 23374 | 04612 | 4982 | 98020 | 14825 | 40628 | 45302 | 00520 | 10922 | |
| 23352 | 18212 | 01905 | 98020 | 16027 | 00900 | 34305 | 004** | 11920 | |
| 23355 | 16412 | 21210 | 98030 | 15681 | 22300 | 25310 | 0**70 | 11121 | 1 847 |
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| 23093 | 67412 | 42515 | 98021 | 08280 | 42581 | 24813 | | 12505 | |
| 23074 | 76112 | 62613 | 98031 | 10085 | 32509 | 26300 | | | |
| 23076 | 73112 | 22165 | 98020 | 09385 | 21400 | 63810 | | 12634 | |
| 23077 | 72012 | 42718 | 98020 | 71080 | 42500 | | | | |
| 23085 | 74612 | 52713 | 82021 | 12388 | 42601 | 34315 | | 12734 | |
| 23092 | 75612 | 62905 | 98025 | 08882 | 14512 | 75300 | | | |
| 23074 | 83712 | 52312 | 98030 | 07783 | 21870 | 14300 | | | |
| June 26 1951 | | | | | | | | | |
| 30722 | 57912 | 90001 | 94446 | 18343 | 9 0 | 00310 | 0**41 | | 3 657 |
| 30723 | 57612 | 91601 | 90282 | 19046 | 9 0 | 00520 | 0**43 | | 3 274 |
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| 30603 | 55412 | 00502 | 96 4 | 17643 | 00900 | 76100 | | 11931 | 2 119 |
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| 30628 | 12812 | 10702 | 98020 | 20510 | | | | | |
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| 30631 | 12212 | 61802 | 98021 | 20210 | | | | | |
| 30600 | 06212 | 80213 | 96505 | 09410 | 857 | 63300 | | | |
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| 30526 | 51312 | 80312 | 97022 | 08046 | 86 | 64825 | 00344 | 10955 | |
| W30565 | 51012 | 80815 | 80032 | 15145 | 855 | 00305 | 05140 | 10821 | 1102 |
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| W30528 | 35512 | 61810 | 80022 | 14254 | 00970 | 00305 | 00048 | 14921 | 1203 |
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| 30593 | 01512 | 83511 | 98022 | 08011 | | | | | |
| 30596 | 07012 | 80120 | 98022 | 12910 | 5537 | 24907 | 05308 | | |
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| 30406 | 69812 | 03409 | 98020 | 14861 | 00900 | 66320 | 0**59 | 13422 | |
| 30407 | 68712 | 23508 | 98010 | 14261 | 10746 | 65152 | | | 1 351 |
| 30408 | 66212 | 13519 | 98020 | 10506 | 10510 | 67330 | 0**54 | 10222 | |
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| W30429 | 67312 | 12910 | 80020 | 13457 | 00930 | 66341 | 00451 | 13022 | 3200 |
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| 30441 | 62512 | 32916 | 98012 | 05156 | 11640 | | | | |
| 30412 | 52612 | 82025 | 96434 | 07571 | 86100 | | | | |
| 30418 | 53012 | 32025 | 95104 | 06470 | 00906 | 76818 | | | 11042 |
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| 30433 | 21712 | 02502 | 98012 | 26019 | 00010 | 54110 | | | |
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| 30473 | 08512 | 52609 | 98031 | 24261 | 00930 | 86802 | 00056 | 12943 | |
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| 30327 | 71812 | 03205 | 97050 | 15979 | 00900 | 85300 | | | |
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| 30366 | 74312 | 10110 | 97019 | 13573 | 00930 | 86110 | | | 1 141 |
| 30370 | 74912 | 00210 | 98050 | 15973 | 00900 | 85320 | | 10222 | 27481 |
| 30371 | 73512 | 50509 | 98104 | 15672 | 15501 | | | | |
| 30373 | 74812 | 00905 | 98000 | 17370 | 00900 | 44300 | | | 27471 |
| 30396 | 72312 | 33209 | 64010 | | | | | | |
| 30398 | 70912 | 40416 | 99010 | 15770 | 40940 | 310 | 00257 | | |
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| 30325 | 64612 | 30710 | 99020 | 17381 | 32500 | 55316 | | | 2 88 |
| 30341 | 63012 | 62316 | 96054 | 15675 | 66000 | 14300 | 0**72 | 12322 | 3 452 |
| 30368 | 68412 | 02506 | 96050 | 14678 | 00900 | 25314 | | 125*3 | |
| 30380 | 60612 | 82915 | 97022 | 09178 | 64357 | 64520 | | 12923 | 15719 |
| 30381 | 62812 | 02913 | 97059 | 10776 | 00000 | 85208 | 07051 | | |
| 30386 | 61812 | 22916 | 98012 | 09178 | 26400 | 66020 | | | 1 605 |
| 30388 | 66512 | 43613 | 98011 | 13274 | 21760 | | | | |
| 30317 | 55412 | 82316 | 96626 | 16973 | 872 | 63700 | | | |
| 30393 | 58012 | 82703 | 98032 | 08876 | 86 | 24802 | | 127** | 29925 |
| W30350 | 48012 | 01912 | 80021 | 19970 | 00900 | 00308 | 05063 | 12021 | 105 |
| 30353 | 40912 | 73006 | 98022 | 11052 | 75400 | 64300 | 00050 | | |
| 30355 | 41012 | 31604 | 99030 | 22774 | 00955 | 65306 | 0**67 | 13232 | 17605 |

| LOCATION OF SHIP AND TIME OF OBSERVATION | | TOT. CLD. AMT. AND WIND | VIS. AND WEATHER | PRESSURE AND TEMP. | CLOUDS | SHIP SPEED AND PRESS. CHANGE | TEMP. | WAVES | SHIP NUMBER |
|---|---|---|---|---|---|---|---|---|---|
| $YQL_aL_aL_a$ | $L_oL_oL_oGG$ | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $D_sV_sapp$ | $OT_sT_sT_dT_d$ | $Id_wd_wP_wH_w$ | |
| 30378 | 43712 | 12110 | 99000 | 22072 | 00904 | 24210 | 0**71 | 11721 | 27696 |
| 30330 | 37012 | 61402 | 99011 | 24676 | 45660 | 53100 | 00269 | | |
| 30345 | 35812 | 11101 | 98011 | 23776 | 18300 | 66104 | 0**70 | 12931 | 11084 |
| 30360 | 37212 | 51605 | 99021 | 23771 | 22560 | 64310 | 0**64 | 12822 | 2 70 |
| 30386 | 31412 | 22316 | 98020 | 25470 | 22463 | 55108 | 0**66 | 12743 | 26830 |
| 30368 | 20212 | 82512 | 97025 | 22021 | 85370 | 14110 | | | |
| 30368 | 29312 | 32604 | 87010 | 22522 | 42501 | | | | |
| 30382 | 28712 | 73310 | 98032 | 13566 | 73300 | 54310 | | | |
| 30396 | 27012 | 72015 | 98031 | 25471 | 44452 | 25306 | 0**67 | 149*4 | 2 337 |
| 30305 | 13712 | 33150 | 97011 | 21222 | 38500 | 13400 | 05318 | 133** | |
| 30315 | 10412 | 03610 | 97020 | 17121 | 00900 | 54819 | | | |
| 30351 | 12912 | 00218 | 98020 | 20870 | 00900 | 46805 | 00262 | 10224 | |
| 30355 | 14812 | 20321 | 99020 | 24168 | 44700 | 16320 | 00062 | 10344 | |
| 30356 | 13912 | 40530 | 99032 | 23766 | 45400 | 65310 | 0**61 | | 3 99 |
| 30378 | 13112 | 31313 | 99258 | | | | | | |
| 30385 | 14612 | 50218 | 99031 | 27466 | 51400 | 65104 | | | |
| 30387 | 18812 | 80913 | 97022 | 27872 | 80 6 | 25310 | 0**69 | 10922 | 2 33 |
| 30390 | 11612 | 20213 | 99020 | 5664 | 21400 | 26301 | 00057 | | |
| 30397 | 18012 | 71102 | 97022 | 30166 | 74778 | 24110 | | 11422 | 27797 |
| 30367 | 08312 | 20608 | 96020 | 21022 | 20405 | 34200 | | | |
| 30382 | 09412 | 03618 | 98020 | 20417 | 00900 | 84312 | 00413 | 13634 | |
| 30274 | 90012 | 31103 | 97050 | 14284 | 22612 | 36506 | 00075 | 11121 | |
| 30294 | 90012 | 31103 | 97050 | 14284 | 22612 | 36506 | 0**75 | 111*0 | 16215 |
| 30236 | 81212 | 81315 | 98035 | 13581 | 2156 | 65604 | 0**76 | 11332 | 17705 |
| 30243 | 81812 | 81220 | 98818 | 12280 | 32472 | 25406 | 0**74 | 11034 | 26705 |
| 30246 | 81112 | 60910 | 99251 | 14680 | 62500 | 65207 | | 10920 | 27715 |
| 30250 | 84512 | 60911 | 98159 | 14281 | 8742 | 33410 | | 10922 | 27280 |
| 30252 | 84912 | 81414 | 98141 | 14277 | 874 | 65310 | | 11432 | 2 125 |
| 30257 | 86312 | 60910 | 98021 | 14684 | 44460 | 75300 | 0**77 | 10932 | 16211 |
| 30273 | 86912 | 50905 | 98032 | 14982 | 32506 | 36302 | 0**74 | 10921 | 2 218 |
| 30274 | 89012 | 20907 | 97051 | 14682 | 16801 | 46300 | | | 2 232 |
| 30276 | 87612 | 41305 | 98012 | 13982 | 48400 | 36602 | | | 2 5 |
| 30214 | 74012 | 61021 | 98031 | 15980 | 32338 | 34102 | | | 2 45 |
| 30222 | 74412 | 31405 | 98021 | 14979 | 00908 | 46408 | | | 1 434 |
| 30227 | 78212 | 61420 | 98052 | 14980 | 68500 | 35328 | 0**74 | 11422 | 2 376 |
| 30255 | 73712 | 41514 | 98012 | 16981 | 32466 | 85320 | | | 1 292 |
| 30263 | 79812 | 60715 | 98032 | 15682 | 39542 | 86512 | 0**77 | 10733 | 27649 |
| 30268 | 79812 | 10910 | 98051 | 15681 | 11400 | 86310 | | 10931 | |
| 30274 | 79712 | 70709 | 99031 | 16681 | 67220 | 87316 | 0**76 | 10732 | 2 544 |
| 30287 | 74912 | 31210 | 98022 | 17681 | 32600 | 86312 | | 11222 | |
| 30292 | 74112 | 31408 | 99011 | 18379 | 38500 | 86310 | 0**76 | 11412 | 35136 |
| 30292 | 78512 | 30905 | 98021 | 17683 | 32400 | 34302 | 0**75 | 10921 | 1 441 |
| 30292 | 79612 | 10906 | 98021 | 15282 | 12400 | 86312 | 0**74 | 10900 | 2 138 |
| 30297 | 71612 | 02704 | 99000 | 19082 | 00900 | 74302 | 0**81 | 10020 | |
| 30202 | 65912 | 10710 | 99010 | 13584 | 11400 | 86308 | | | 1 328 |
| 30208 | 67012 | 30906 | 99320 | 15981 | 32300 | 44310 | 0**74 | 10932 | 16212 |
| 30213 | 69012 | 30808 | 99020 | 16381 | 23460 | 84112 | 0**72 | 10933 | 2 549 |
| 30215 | 62012 | 20909 | 98020 | 17081 | 21500 | 85320 | 00081 | 10932 | |
| 30225 | 69812 | 41408 | 98021 | 16382 | 21430 | 35310 | | 11432 | 11090 |
| 30240 | 66312 | 11410 | 98000 | 17382 | 11300 | 45310 | | 11421 | 2 395 |
| 30245 | 69312 | 40705 | 98010 | 14982 | 41500 | 45308 | 0**74 | 10761 | 1 988 |
| 30249 | 69012 | 10906 | 99020 | 17380 | 12400 | 46206 | | 11431 | 1 944 |
| 30283 | 68512 | 32502 | 98352 | 16779 | 32500 | | | | |
| 30299 | 60012 | 81810 | 97202 | 17225 | 83547 | 25614 | 05424 | | |
| 30270 | 54112 | 11103 | 99020 | 19680 | 11700 | 55302 | | 13621 | 2 254 |
| 30272 | 56512 | 31606 | 98020 | 195 | 37600 | 56300 | | | 35604 |
| 30291 | 53112 | 61905 | 98030 | 19776 | 31470 | 14302 | 05170 | 119*1 | |
| 30274 | 43612 | 31404 | 98020 | 20728 | 11641 | 56313 | | | |
| 30297 | 15312 | 60210 | 98 31 | 20377 | | | | | |
| 30101 | 89512 | 72710 | 98632 | 08583 | 47 20 | 00301 | | 10521 | 35062 |
| 30102 | 86812 | 83202 | 98188 | 08178 | 88515 | 75300 | 0**75 | 100*0 | 1 270 |
| 30109 | 88812 | 81415 | 97959 | 07878 | 875 | 34413 | 0**77 | 1**** | 3 584 |
| 30110 | 86612 | 90909 | 98022 | 08879 | | | | | 35534 |
| 30120 | 80212 | 70515 | 98031 | 07180 | 63601 | 86808 | | | 1 148 |
| 30158 | 81812 | 71115 | 98032 | 09581 | 24497 | 36308 | | | |
| 30162 | 81712 | 81018 | 99818 | 10577 | 3842 | 36306 | | | 2 60 |
| 30184 | 80812 | 81116 | 95812 | 11978 | 4747 | 35310 | 0**75 | 11143 | 2 173 |
| 30114 | 75212 | 71120 | 98031 | 10284 | 72620 | 65201 | | 10944 | 15601 |
| 30119 | 76812 | 80512 | 97032 | 08883 | 61524 | 15310 | 0**76 | 10532 | 2 374 |
| 30121 | 76212 | 80616 | 98029 | 08581 | 37670 | 16305 | 05275 | | |
| 30162 | 76112 | 81222 | 98022 | 12582 | 4747 | 56322 | 0**74 | 11246 | 36709 |
| 30163 | 73112 | 21035 | 97032 | 08582 | 22426 | 45300 | 0**72 | 11044 | |
| 30165 | 75912 | 81022 | 97052 | 10582 | 4153 | 15326 | | | 11324 |
| 30170 | 75512 | 80913 | 97022 | 12981 | 69797 | 74303 | | 10932 | 27534 |
| 30170 | 75812 | 80913 | 97022 | 12980 | | | | | |
| 30171 | 79412 | 81221 | 97022 | 12583 | 835 | 75320 | | 11233 | 2 562 |
| 30172 | 79812 | 01210 | 98022 | 10883 | 00900 | 76306 | 0**76 | 11223 | 2 228 |
| 30181 | 75212 | 51018 | 97052 | 11282 | 23 5 | 46402 | 05174 | 12033 | |
| 30182 | 75012 | 31422 | 96012 | 13583 | 21440 | 06322 | 0**76 | 11436 | 3 395 |
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| 30165 | 66512 | 41009 | 97010 | 18581 | 41500 | 36135 | 00080 | | |
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| 30168 | 68812 | 50913 | 98021 | 13281 | 32560 | 44302 | 0**73 | 10922 | 11062 |
| 30171 | 67312 | 20915 | 98030 | 13582 | 21500 | 35702 | 0**74 | | 2 558 |
| 30185 | 68212 | 40814 | 99021 | 14032 | 41600 | 45801 | | 10743 | |
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| 30199 | 65512 | 30809 | 98020 | 13928 | 21370 | 15314 | 00023 | 10831 | |
| 30183 | 57912 | 61109 | 98015 | 14328 | 42541 | 55307 | 00123 | 10922 | |
| 30037 | 49612 | 31810 | 98020 | 16990 | 31400 | 77320 | 0**76 | | 1 642 |
| 30007 | 38112 | 31015 | 98031 | 13982 | 33300 | 36320 | | | 1 874 |
| 30015 | 39112 | 41411 | 98021 | 12283 | 32463 | 36304 | | | 1 221 |
| 30034 | 23512 | 71420 | 98162 | 12981 | 76383 | 35816 | | | 1 169 |
| 31624 | 24212 | 73515 | 98022 | 13954 | 742 | 00300 | | | |
| 31510 | 79712 | 63620 | 98002 | 10244 | | 66305 | 0**44 | | 36640 |
| 31571 | 70212 | 90525 | 95216 | 02447 | 9 0 | 00303 | | 105*0 | 2 57 |
| 31565 | 51512 | 81617 | 98022 | 11948 | 86800 | 801 | 01046 | 11732 | |
| W31500 | 45012 | 81518 | 98022 | 22252 | 85500 | 00805 | 00349 | | |
| 31513 | 44612 | 40812 | 98251 | 15274 | 42300 | 26606 | 0**68 | 10823 | 1 629 |
| 31534 | 46812 | 71817 | 98082 | 16653 | 74320 | 75932 | 0**49 | 11834 | 3 660 |
| 31427 | 72012 | 82116 | 96635 | 91554 | | | | | |
| 31465 | 76812 | 83216 | 96363 | 06644 | 876 | | | | |
| 31473 | 63812 | 82206 | 98021 | 01050 | 4342 | 26300 | 0**48 | 12242 | 3 49 |
| 31400 | 53612 | 00000 | 99020 | 30552 | 00900 | 26300 | 0**48 | | 35562 |
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| 31441 | 50812 | 81908 | 98022 | 15952 | 5648 | 27317 | 0**50 | 11733 | 1 818 |
| 31455 | 52812 | 42010 | 98011 | 12045 | 33410 | 74801 | | | 35683 |
| 31470 | 53812 | 81412 | 97022 | 06652 | 86640 | | | | |
| 31444 | 41212 | 82304 | 98022 | 26157 | 854 | 55802 | | 123*0 | 27238 |
| 31407 | 37812 | 80510 | 98022 | 20361 | 84400 | 15603 | | | |
| 31408 | 30712 | 80422 | 96022 | 19556 | 86500 | 056 | | | |
| 31408 | 31712 | 80222 | 96022 | 19555 | 865 | 74325 | | 10435 | 35694 |
| 31424 | 31612 | 70217 | 98031 | 20754 | 823 | 36803 | 0**53 | 10213 | 3 241 |
| 31445 | 39312 | 81421 | 92432 | 26155 | 6217 | 36002 | | | 35388 |
| 31404 | 24512 | 80209 | 98402 | 13253 | 843 | 13432 | | | |
| 31428 | 24612 | 83609 | 97425 | 13550 | 86400 | | | | |
| 31469 | 27012 | 63320 | 98012 | 14254 | 65400 | 26832 | | 18431 | |
| 31485 | 24912 | 71013 | 98031 | 10253 | 77400 | 00602 | | | |
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| 31345 | 52412 | 71818 | 98201 | 01574 | 54510 | | | | |
| 31367 | 50512 | 81816 | 97022 | 18368 | 875 | 64814 | 0**65 | | 1 742 |
| 31305 | 41212 | 80512 | 97020 | 16365 | 85400 | | | | |
| 31310 | 34912 | 80611 | 95022 | 07779 | 6457 | | | | |
| W31330 | 35012 | 80408 | 81022 | 18262 | 855 | 00810 | 05154 | 10353 | 2420 |
| 31333 | 33612 | 83610 | 97022 | 14665 | 854 | 54803 | 0**63 | 13634 | 3 528 |
| 31343 | 32512 | 83604 | 98022 | 14862 | 855 | 55802 | | | |
| 31351 | 31112 | 80310 | 98032 | 14960 | 842 | 15310 | 0**58 | 10321 | |
| 31328 | 23312 | 81308 | 98022 | 15260 | 863 | 813 | 0**60 | | 3 639 |
| 31366 | 26312 | 90113 | 98022 | 12556 | 65320 | | | | |
| 31377 | 22712 | 92702 | 98022 | 14355 | 90480 | | | | |
| 31392 | 29012 | 70213 | 99022 | 14956 | 78200 | 23810 | | 10642 | 37132 |
| 31398 | 24312 | 90000 | 96202 | 24014 | | | | | |
| 31262 | 91612 | 71012 | 97022 | 12982 | 11310 | 24302 | | 11032 | 1 892 |
| 31269 | 93912 | 51110 | 97052 | 11980 | 70010 | 25301 | 0**76 | 11122 | 1 842 |
| 31283 | 94512 | 60906 | 95401 | 16981 | 56018 | 83108 | | 10932 | 27589 |
| 31291 | 93212 | 70000 | 96052 | 14682 | 61610 | 63306 | | | 2 568 |
| 31269 | 73112 | 70511 | 98021 | 16970 | 70810 | | | | |
| 31292 | 78512 | 30905 | 12021 | 17683 | 32400 | | | | |
| 31205 | 60312 | 51107 | 99031 | 12578 | 32445 | | | | |
| 31219 | 56212 | 60710 | 98802 | 15675 | 65530 | 16606 | 0**74 | 10721 | 3 13 |
| W31280 | 45012 | 80509 | 80022 | 18870 | 846 | 00913 | 05257 | 149** | 5821 |
| 31283 | 46212 | 70908 | 98022 | 18069 | 744 | 57810 | | | 3 87 |
| 31297 | 43512 | 80608 | 97032 | 16969 | 844 | 910 | | | 37188 |
| 31230 | 39212 | 80105 | 98022 | 15975 | 843 | 66300 | | | 1 809 |
| 31245 | 12512 | 53216 | 98030 | 06560 | 31460 | 36 | | 13221 | |
| 31269 | 10712 | 30905 | 98021 | 05880 | | | | | |
| 31193 | 29012 | 80307 | 99022 | 12572 | 5458 | 66300 | 0**63 | 10331 | 3 71 |
| 31194 | 10012 | 83210 | 98022 | 07871 | 845 | 65300 | | | 35636 |
| 31195 | 16812 | 20802 | 72011 | 06177 | 22501 | | | | |
| 31172 | 01812 | 91120 | 97026 | 04185 | | 36599 | | | 35209 |
| 31190 | 04812 | 83203 | 98145 | 04480 | 873 | 66300 | | | 35133 |
| 31192 | 07212 | 73303 | 98022 | 08578 | 77500 | 00 | | 13233 | 35046 |
| 31098 | 95212 | 72705 | 98031 | 96381 | 11446 | | | | |
| 32446 | 59812 | 91135 | 96656 | 87155 | 9 0 | 16886 | | 11143 | 36920 |
| W32480 | 62012 | 81217 | 55286 | 05246 | 863 | 00840 | 00545 | 149** | 5218 |
| 32426 | 78812 | 91406 | 02454 | 27250 | | | | | |
| 32431 | 77712 | 83312 | 98022 | 18048 | 853 | 26300 | 4 | 14337 | 35674 |
| 32444 | 78312 | 80015 | 96022 | 17042 | | | | | |
| 32477 | 76112 | 83110 | 97022 | 14946 | 86 | 14808 | 0**46 | 13123 | |
| 32483 | 72312 | 93410 | 94414 | 16649 | 9 0 | 57000 | 0**43 | 12444 | 3 469 |
| 32499 | 78212 | 90204 | 91472 | 12541 | 9 0 | 26806 | 0**39 | 136*2 | 3 178 |
| 32359 | 43812 | 43609 | 97011 | 15266 | 34541 | | | | |
| 32367 | 44912 | 72904 | 98022 | 11270 | 71470 | 15310 | | | 3 171 |
| 32395 | 42212 | 02006 | 98000 | 11057 | 00900 | | | | |
| 32354 | 54712 | 72907 | 98012 | 11568 | 00970 | 65212 | | 11633 | 3 656 |
| 32389 | 53112 | 62926 | 97012 | 03164 | 68400 | | | | |
| W32392 | 53612 | 83137 | 40618 | 00662 | 6742 | 00399 | 06458 | 18144 | |
| 32393 | 50612 | 83425 | 96022 | 06060 | 854 | 55345 | | 15540 | 35686 |
| 32303 | 64912 | 21706 | 99011 | 20778 | 14641 | 65306 | 0**74 | 13461 | 2 299 |
| W32310 | 64012 | 11508 | 64012 | 20079 | 25500 | 00405 | 05173 | 11623 | |
| 32369 | 62912 | 41604 | 98012 | 15272 | 4653 | 16300 | 0**73 | 11622 | 35124 |
| 32327 | 76712 | 63415 | 98012 | 20765 | 66300 | 64310 | | 13222 | 1 502 |
| 32204 | 14912 | 12309 | 98020 | 08183 | 11 00 | 84 | 05380 | 12322 | |
| 32224 | 15112 | 51309 | 82021 | 06483 | 3249 | 15600 | 00180 | 113*2 | |
| 32252 | 20912 | 22318 | 98021 | 08572 | 13401 | | | | |
| 32253 | 20112 | 72013 | 64032 | 05880 | 71300 | | | | |
| 32227 | 30112 | 22010 | 98011 | 11284 | 24 00 | 55302 | 0**77 | 12021 | 3 427 |
| 32276 | 36512 | 82310 | 98021 | 10876 | 844 | 35311 | 0**76 | 12743 | 35506 |
| 32280 | 30012 | 90503 | 98515 | 06480 | 0 | 55300 | | | 1 731 |
| 32283 | 31812 | 82114 | 97032 | 05082 | | | | | |
| W32289 | 34812 | 42318 | 81012 | 09778 | 12538 | 00310 | 07877 | 12845 | |
| 32296 | 31312 | 90510 | 98585 | 10068 | | | | | |
| 32298 | 30412 | 80917 | 96162 | 10070 | 87320 | | | | |
| 32220 | 46712 | 51009 | 15100 | 00022 | 15883 | | | | |
| 32273 | 42212 | 70409 | 64032 | 19677 | 41400 | | | | |
| 32278 | 45612 | 02105 | 98000 | 15080 | | | | | |
| 32239 | 51612 | 20000 | 98010 | 17382 | 24400 | 66306 | 0**75 | 11831 | 3 169 |
| 32105 | 09812 | 32411 | 99031 | 09586 | 31500 | 16101 | | | 1 208 |
| 32113 | 09012 | 22113 | 98010 | | | | | | |
| 32129 | 11712 | 12217 | 82010 | 09185 | 11400 | | | | |
| 32163 | 10612 | 01909 | 99000 | 06784 | 00900 | 45802 | | | |
| 32163 | 16812 | 22407 | 97021 | 06086 | 20911 | | | | |
| 32171 | 17112 | 12209 | 99010 | 12588 | 10901 | | | | |
| 32175 | 13912 | 12109 | 99011 | 08086 | 11 00 | 85307 | 05075 | 121*1 | |
| 32183 | 12312 | 21602 | 81012 | 08587 | | | | | |
| 32152 | 48812 | 40918 | 98021 | 15682 | 22501 | 66310 | 0**74 | 11133 | 3 57 |
| 32174 | 59412 | 20810 | 97022 | 14981 | 23500 | 307 | 0**76 | 10853 | 1 166 |
| 32191 | 54012 | 01410 | 90020 | 14984 | 00900 | 56202 | 0**83 | | 35562 |
| 32156 | 94112 | 61820 | 98011 | 08487 | 61530 | 34305 | | 11872 | |
| 32163 | 93512 | 31820 | 98012 | 08285 | 29095 | 33021 | | | |
| 32174 | 93712 | 52113 | 98031 | 07884 | 2391 | | | | |
| 32079 | 08012 | 13304 | 98021 | 11587 | | | | | |
| 32033 | 10012 | 62505 | 98021 | 10286 | 32472 | 65305 | | | 35580 |
| 32043 | 58712 | 51662 | 97021 | 11082 | | | | | |
| 33706 | 19312 | 42609 | 98021 | 12307 | | | | | |
| 33736 | 19512 | 83211 | 97012 | 10905 | | | | | |
| 33708 | 21012 | 82909 | 84022 | 12247 | | | | | |
| 33706 | 31512 | 43213 | 98011 | 08407 | | | | | |
| 33743 | 74012 | 82624 | 98168 | 07783 | 47478 | 74 | | 12738 | |
| 33600 | 05512 | 52009 | 98021 | 08813 | | | | | |
| 33504 | 00612 | 24503 | 17713 | 35708 | 11625 | 37104 | | | |

June 26 1951

| LOCATION OF SHIP AND TIME OF OBSERVATION | | TOT. CLD. AMT. AND WIND | VIS. AND WEATHER | PRESSURE AND TEMP | CLOUDS | SHIP SPEED AND PRESS. CHANGE | TEMP | WAVES | SHIP NUMBER |
|---|---|---|---|---|---|---|---|---|---|
| YQLaLaLa | LoLoLoGG | Nddff | VVwwW | PPPTT | NhCLhCMCH | DsVsapp | OTsTsTdTd | IdwdwPwHw | |
| 33553 | 06412 | 51806 | 97028 | 05416 | 00990 | 00104 | | | |
| 33563 | 03612 | 71405 | 96020 | 07114 | | | | | |
| 33579 | 01212 | 81813 | 97022 | 05012 | | | | | |
| 33598 | 02812 | 81413 | 96005 | 06112 | | | | | |
| 33407 | 02512 | 20608 | 98020 | 260 | 22400 | 54308 | | 10622 | |
| 33414 | 02812 | 10301 | 98020 | 29121 | 12 00 | 17301 | | | |
| 33417 | 10212 | 12203 | 99020 | 13222 | 01400 | | | | |
| 33372 | 07212 | 50710 | 99011 | 21777 | 20508 | 24320 | | 10521 | 2 493 |
| 33376 | 08112 | 20110 | 98011 | 23473 | 00940 | 65332 | 0**62 | 10123 | 16381 |
| 33363 | 16212 | 01803 | 97020 | 15527 | 00900 | 65005 | | | |
| 33373 | 17412 | 51404 | 97031 | 16028 | 51640 | 363 | | | |
| 33327 | 28612 | 13209 | 99020 | 03181 | 00901 | 65300 | | 13221 | 11021 |
| 33335 | 23212 | 02707 | 08000 | 18084 | 00900 | 25100 | 0**74 | 12721 | 1 847 |
| 33338 | 23512 | 03214 | 98020 | 15528 | 00900 | 34805 | | | |
| 33359 | 31612 | 12902 | 98010 | 08888 | 11600 | 25804 | | | 11055 |
| 33232 | 59412 | 03109 | 98000 | 99592 | 00900 | 34300 | | | |
| 33224 | 68612 | 32312 | 98031 | 00088 | 31500 | | | | |
| 33130 | 51512 | 01704 | 99000 | 07584 | 00900 | 24613 | 0**77 | 11757 | 2 548 |
| 33115 | 66612 | 72418 | 98021 | 89578 | 25509 | 00124 | | 12431 | |
| 33123 | 60312 | 42524 | 98011 | 08279 | 31501 | 00624 | | 12559 | |
| 33150 | 69812 | 62518 | 99032 | 07088 | 60970 | 23 | | 12532 | |
| 33178 | 72812 | 72622 | 98022 | 05184 | 36410 | 46300 | 0**77 | 12645 | 15229 |
| 33103 | 81212 | 62309 | 98022 | 07088 | 00905 | 64311 | | | |
| 33172 | 83112 | 72421 | 65022 | | | | | | |
| 33009 | 58512 | 42224 | 98010 | 00784 | 30 01 | 25005 | | 12224 | |
| 33051 | 51312 | 61312 | 62113 | 98080 | 41300 | 33605 | | 12154 | |
| 33086 | 59812 | 12318 | 89901 | 10784 | 12501 | 25825 | | 12324 | |
| 33071 | 65212 | 52609 | 99030 | 10084 | 52 0 | 64603 | | | |
| 33074 | 69412 | 32611 | 98020 | 09785 | 21402 | 63801 | | 12823 | |
| 33006 | 78712 | 72713 | 81021 | 10686 | 11509 | 34410 | | | |
| 33023 | 79012 | 32518 | 81020 | 13084 | 11330 | 14302 | | | |
| 33080 | 72312 | 72613 | 98151 | 10178 | 2256 | 24818 | | 12654 | |
| 33092 | 70612 | 52722 | 98031 | 10999 | 22510 | | | | |
| 33095 | 76112 | 72702 | 98021 | 10081 | 11510 | 66300 | | | |
| 33099 | 75912 | 80000 | 98022 | 09886 | | | | | |
| 33044 | 88412 | 42511 | 97251 | 09478 | 32552 | 65301 | | 12643 | |
| 33057 | 84612 | 52516 | 98031 | 09678 | 51400 | 64105 | | 12344 | |
| 33058 | 83712 | 32519 | 98020 | 08988 | 32400 | 67601 | | 12543 | |
| 33060 | 81112 | 62318 | 81022 | 07879 | 00860 | 66302 | | 12322 | |
| 33080 | 87512 | 22205 | 99010 | 10083 | 21900 | 63110 | | 12322 | |

June 27 1951

| LOCATION OF SHIP AND TIME OF OBSERVATION | | TOT. CLD. AMT. AND WIND | VIS. AND WEATHER | PRESSURE AND TEMP | CLOUDS | SHIP SPEED AND PRESS. CHANGE | TEMP | WAVES | SHIP NUMBER |
|---|---|---|---|---|---|---|---|---|---|
| 40838 | 20712 | 32 04 | 97012 | 29522 | | | | | |
| 40724 | 74412 | 30808 | 98052 | 16680 | 32400 | 86322 | | | 11324 |
| 40747 | 60112 | 82909 | 95103 | 21430 | 854 | 807 | | | |
| 40756 | 64612 | 90000 | 91454 | 21931 | | | | | |
| 40728 | 57012 | 83408 | 98104 | 20739 | | 82804 | 0**37 | | 3 657 |
| 40728 | 58012 | 83612 | 98022 | 20238 | 864 | 300 | | | |
| 40730 | 58412 | 80000 | 94282 | 20737 | 8 | 73500 | 0**35 | | 3 274 |
| 40735 | 58312 | 83412 | 98024 | 20836 | 864 | 300 | | | |
| 40737 | 59112 | 93509 | 64022 | | | | | | |
| 40665 | 54412 | 13216 | 98033 | 21042 | 1 100 | 86309 | | 13363 | 2 119 |
| W40620 | 33012 | 91005 | 02454 | 17349 | 9 0 | 00602 | 05049 | 11333 | 701 |
| 40628 | 13012 | 80000 | 97022 | 19612 | | | | | |
| 40631 | 12212 | 80000 | 96022 | 20011 | | | | | |
| 40617 | 07812 | 33407 | 97014 | 18707 | 00901 | 00104 | 05107 | 13421 | |
| 40618 | 08512 | 13405 | 99020 | 193 | | | | | |
| 40507 | 58312 | 80226 | 97606 | 98248 | 87 | 54205 | 05346 | | |
| 40525 | 53712 | 80518 | 96626 | 90343 | 856 | 14318 | 00343 | 10544 | |
| W40565 | 51012 | 80722 | 80024 | 14146 | 855 | 00806 | 05044 | 10723 | 1102 |
| 40516 | 42912 | 91110 | 94414 | 07157 | 9 0 | 56808 | 0**57 | 14943 | 16303 |
| 40534 | 40812 | 63509 | 56021 | | | | | | |
| W40528 | 35512 | 81010 | 09106 | 11856 | 862 | 00105 | 00155 | 11222 | 1203 |
| W40526 | 20012 | 72408 | 98015 | 20256 | 2543 | 00304 | 00053 | 12532 | |
| 40532 | 20912 | 62609 | 99030 | 19661 | 48650 | 26305 | 00651 | 12623 | |
| 40543 | 26112 | 71605 | 81020 | 14056 | 71700 | 63810 | 05650 | 11422 | |
| 40557 | 10412 | 73205 | 98012 | 19157 | | | | | |
| W40590 | 19112 | 71310 | 99022 | 19654 | 11678 | 00204 | 05141 | 11433 | |
| 40574 | 00812 | 83605 | 97022 | 12410 | | | | | |
| 40403 | 70212 | 81604 | 98032 | 12968 | 78798 | 26802 | | | 11334 |
| 40405 | 70012 | 81702 | 98022 | 13265 | 2163 | 25806 | | | 1 799 |
| 40402 | 65012 | 61510 | 98032 | 16372 | 21 8 | 26306 | 0**59 | 11821 | 1 883 |
| 40407 | 61112 | 32720 | 98011 | 13967 | 11440 | | | | |
| 40411 | 66912 | 82316 | 98031 | 14658 | 33620 | | | | |
| 40416 | 61712 | 22715 | 99021 | 13563 | 00905 | 68320 | | | 1 178 |
| 40422 | 61012 | 32816 | 98020 | 15662 | 00901 | 64317 | 0**55 | 12744 | |
| 40432 | 62312 | 32720 | 99020 | 09856 | 00908 | 76406 | | | 11042 |
| W40436 | 60012 | 22621 | 80030 | 10857 | 00901 | 16805 | 00254 | 12933 | 2200 |
| 40437 | 60012 | 12618 | 98020 | 10256 | 1450 | 804 | 0**51 | 12633 | 3 540 |
| 40442 | 63812 | 52512 | 98021 | 11258 | 00942 | 56306 | 0**51 | 12521 | 3 478 |
| 40415 | 54512 | 52722 | 98032 | 10262 | 33240 | 66108 | | | 2 256 |
| 40427 | 52712 | 32308 | 99011 | 09859 | 21444 | 56300 | | | |
| 40463 | 50012 | 32012 | 98011 | 99509 | 33600 | 00300 | | | |
| W40467 | 54312 | 72122 | 80022 | 99752 | 25570 | 25410 | 00249 | 12133 | 1700 |
| 40475 | 54512 | 52722 | 98032 | 10262 | 44240 | 66108 | | | |
| 40429 | 41912 | 81918 | 97032 | 16368 | 6442 | 16308 | | | 1 934 |
| 40429 | 43512 | 82020 | 96258 | 12165 | 873 | 57810 | 00363 | | |
| 40437 | 42312 | 81925 | 96625 | 12965 | 86200 | 56815 | 00065 | | |
| W40440 | 41012 | 81818 | 80022 | 16367 | 00937 | 00804 | 00164 | 11933 | 904 |
| 40455 | 40812 | 82020 | 97012 | 15266 | 4577 | 16110 | 0**64 | 12035 | 27488 |
| 40475 | 42412 | 92005 | 95654 | 08290 | 9 0 | 15806 | | 12232 | 2 595 |
| 40496 | 47812 | 82309 | 96285 | 03952 | 864 | 55400 | | | |
| 40401 | 30512 | 30000 | 98011 | 26022 | 22610 | 5511 | | | |
| 40406 | 39512 | 12009 | 98020 | 21557 | 15 00 | 24320 | 05161 | 12122 | |
| 40410 | 30512 | 20000 | 98011 | 26022 | 22610 | 55110 | | | |
| 40442 | 38212 | 62316 | 99031 | 19668 | 66500 | 16204 | 0**64 | 124*1 | 3 472 |
| 40472 | 35512 | 82218 | 97022 | 18063 | 866 | 16308 | 0**60 | | 1 103 |
| 40483 | 30912 | 52018 | 98011 | 18063 | 00911 | 65304 | 0**61 | 12222 | |
| 40403 | 21712 | 22308 | 99011 | 29870 | 11460 | 65600 | | | |
| 40426 | 26812 | 42710 | 98032 | 23767 | 38210 | 55311 | 0**59 | 12721 | 2 271 |
| 40456 | 21412 | 81402 | 98022 | 26868 | 8342 | 15301 | 0**62 | 12532 | 2 686 |
| 40468 | 29612 | 82211 | 97162 | 22766 | 854 | 14607 | | | |
| 40495 | 23512 | 82213 | 96432 | 16660 | 872 | 67816 | | | 1 21 |
| W40450 | 16012 | 72412 | 98022 | 28018 | 755 | 00304 | 0**16 | 12831 | |
| 40456 | 12212 | 82710 | 96505 | 26917 | 863 | 64309 | 05216 | 12721 | |
| 40464 | 13612 | 80904 | 97532 | 25116 | 862 | 26602 | 00215 | 10921 | |
| 40476 | 17412 | 92702 | 94054 | 25516 | | | | | |
| 40485 | 14412 | 72509 | 98022 | 23019 | 75600 | 14300 | | | |
| 40486 | 19712 | 82209 | 96022 | 23217 | | | | | |
| 40495 | 10112 | 73206 | 98012 | 23064 | 74400 | 306 | 0**61 | 12321 | 1 856 |
| 40497 | 19012 | 82507 | 98024 | 22262 | 885 | 64303 | 0**58 | 12532 | |
| 40498 | 11612 | 62306 | 98022 | 22066 | 54311 | 25301 | 0**58 | 12322 | 17623 |
| 40427 | 09512 | 13611 | 98020 | 2631 | 11700 | 84010 | 00514 | 13622 | |
| 40451 | 03612 | 72614 | 97022 | 23519 | 77701 | | | | |
| 40492 | 05012 | 82705 | 96434 | 19018 | | | | | |
| 40498 | 06212 | 83412 | 98034 | 20058 | 864 | 25300 | | 13422 | 1 673 |
| 40498 | 08512 | 82702 | 96012 | 20559 | 7645 | 69104 | | 12642 | |
| 40304 | 80512 | 31816 | 98050 | 17380 | 31400 | 44316 | | 11832 | |
| 40304 | 79612 | 61813 | 98031 | 16687 | 43460 | 86410 | 0**82 | 11922 | 26705 |
| 40310 | 74012 | 11104 | 98020 | 21081 | 11400 | 14306 | 0**75 | 11521 | 1 441 |
| 40311 | 72412 | 42806 | 99041 | 19680 | 31538 | 85310 | | | 1 292 |
| 40311 | 76612 | 12315 | 98011 | 15681 | 13241 | 55309 | 0**79 | 12342 | |
| 40325 | 77412 | 42510 | 98021 | 17682 | 32501 | 16306 | 0**74 | 12322 | 27649 |
| 40327 | 76912 | 32514 | 98051 | 18080 | 31400 | 16304 | | 149** | |
| 40331 | 73012 | 02708 | 97001 | 17680 | 00900 | 74306 | 0**79 | 12722 | |
| 40333 | 76512 | 12712 | 98020 | 17384 | 11200 | 16310 | 0**77 | 12733 | 2 544 |
| 40338 | 76812 | 52516 | 96031 | 17378 | 51540 | 54114 | | | 27471 |
| 40339 | 73612 | 52409 | 48052 | | | | | | |
| 40346 | 74812 | 72820 | 98142 | 15682 | 00003 | 35308 | 0**77 | 12232 | 27103 |
| 40352 | 74012 | 82510 | 97919 | 15676 | 8676 | 85300 | 0**76 | 12521 | 35136 |
| 40355 | 73912 | 32211 | 97051 | 15784 | 21330 | 300 | 00276 | 14910 | |
| 40358 | 74512 | 42312 | 98021 | 15778 | 00901 | | | | |
| W40360 | 70012 | 32008 | 64021 | 14178 | 00901 | 00909 | 00274 | 100*0 | 508 |
| 40366 | 74412 | 31810 | 97014 | 12574 | 11441 | 84610 | 0**71 | 118*0 | 27044 |
| 40370 | 75012 | 72410 | 97808 | 14072 | 35470 | | | | |
| 40373 | 73812 | 82004 | 97464 | 14672 | 80020 | | | | |
| 40376 | 70412 | 62016 | 98031 | 11581 | 00927 | 45810 | 0**76 | 12022 | |
| 40376 | 74912 | 62020 | 98023 | 13573 | 00976 | 606 | | | |
| 40380 | 74012 | 72008 | 97404 | 13972 | 76400 | 87812 | | | 11142 |
| 40392 | 70512 | 72105 | 05032 | | | | | | |
| 40395 | 71912 | 91409 | 55212 | | | | | | |
| 40307 | 60612 | 02603 | 97050 | 20778 | 00900 | 64114 | | | |
| 40340 | 68712 | 72709 | 97052 | 16878 | 38412 | | | | |
| 40377 | 60412 | 33616 | 99022 | 16970 | 00904 | 14306 | 0**67 | 13622 | 3 452 |
| 40384 | 61112 | 33206 | 99010 | 16969 | 00905 | 25313 | | 132*2 | |
| 40384 | 67012 | 22710 | 98011 | 14680 | 21331 | 64304 | | 12720 | 15719 |
| 40398 | 69412 | 81808 | 98030 | 13972 | 44461 | 66816 | | | 1 605 |
| 40399 | 60412 | 22271 | 09902 | 01567 | 21140 | 52630 | | | 1 989 |
| 40327 | 56612 | 02109 | 98012 | 19478 | 00900 | 51105 | 00368 | 122*1 | |
| 40393 | 53412 | 33602 | 99182 | 13572 | 31600 | 24304 | | 13622 | 29925 |
| 40324 | 49512 | 72005 | 98030 | 22575 | 0097 | 14310 | 00272 | 120*1 | |
| 40337 | 44512 | 22208 | 98012 | 23477 | 28300 | 66301 | 0**71 | | 11084 |
| 40345 | 48312 | 71916 | 98031 | 21074 | 00920 | 65808 | 0**70 | 12133 | 17605 |
| W40350 | 48012 | 72122 | 80032 | 19872 | 00976 | 00304 | 00270 | 12233 | 105 |
| 40359 | 41912 | 12009 | 99000 | 23773 | 12400 | 64300 | 0**67 | 12033 | 2 70 |
| 40383 | 42012 | 22209 | 99020 | 23073 | 20 00 | 56300 | | | |
| 40370 | 33512 | 12606 | 99020 | 26172 | 11400 | 64300 | 0**63 | 11622 | 17926 |
| 40374 | 38312 | 32314 | 98030 | 55769 | 32442 | 65300 | 0**66 | 12320 | 26830 |
| 40385 | 37612 | 51816 | 99031 | 25471 | 54300 | 24205 | 0**70 | 11721 | 27696 |
| 40314 | 26512 | 62107 | 98032 | 27520 | 54000 | 54100 | | | |
| 40376 | 27412 | 61604 | 97031 | 21624 | 62668 | 25301 | 00619 | 116*1 | |
| 40316 | 14012 | 00213 | 98020 | 19970 | 00000 | 44300 | 05166 | 10233 | |
| 40331 | 13512 | 50210 | 98031 | 18524 | | | | | |
| 40372 | 11612 | 10520 | 97020 | 21072 | 00901 | 25300 | 0**66 | 10533 | 2 33 |
| 40382 | 12812 | 20206 | 97011 | 26164 | 20601 | 14302 | | 10277 | 27797 |
| 40388 | 19512 | 50815 | 99022 | 29570 | 32580 | 25301 | 0**62 | 10922 | 2 337 |
| 40355 | 09412 | 00410 | 96000 | 22625 | | | | | |
| 40362 | 03312 | 00840 | 96001 | 24023 | 00900 | 24102 | | | |
| 40384 | 09412 | 03610 | 98000 | 18822 | 00900 | | | | |
| 40399 | 09012 | 10000 | 83020 | 20073 | 10001 | 84114 | 00963 | | |
| 40200 | 83012 | 61806 | 98011 | 14280 | 40520 | 75300 | | 11811 | 2 562 |
| 40206 | 85312 | 81418 | 97602 | 12578 | 88500 | 75318 | 0**78 | 11444 | 2 42 |
| 40210 | 86512 | 41115 | 98011 | 11981 | 22502 | 86306 | 0**76 | 11432 | 1 696 |
| 40213 | 85212 | 01005 | 98022 | 12982 | 00900 | 76310 | 0**75 | 11022 | 2 228 |
| 40215 | 86612 | 61107 | 97012 | 13282 | 44789 | 45400 | | | 2 232 |
| 40234 | 80312 | 70910 | 98021 | 15982 | 31670 | 26312 | 0**76 | 10922 | 2 218 |
| 40238 | 86212 | 71212 | 97142 | 13982 | 38476 | | | | |
| 40246 | 84012 | 51415 | 99148 | 15982 | 49560 | 25328 | 0**75 | 11422 | |
| 40247 | 81512 | 40912 | 98022 | 17380 | 24523 | 15306 | | 10933 | 16206 |
| 40248 | 83712 | 31411 | 98011 | 14287 | 00908 | 36306 | 0**78 | 11422 | 16215 |
| 40248 | 86412 | 70915 | 98258 | 13280 | 53362 | 26312 | | 10933 | 1 892 |
| 40255 | 87812 | 61110 | 98022 | 11980 | 22420 | 25312 | 0**70 | 11122 | 1 842 |
| 40261 | 86112 | 81410 | 98022 | 14680 | 49267 | 64310 | | | 27740 |
| 40264 | 87412 | 61112 | 99021 | 14981 | 32540 | 65217 | | 11120 | 27715 |
| 40265 | 80012 | 31607 | 98010 | 18682 | 21303 | 44126 | | | 1 900 |
| 40270 | 86312 | 61416 | 98031 | 15687 | 38313 | 75302 | | | 17211 |
| 40272 | 89012 | 71115 | 97602 | 15680 | 46320 | 35306 | 0**79 | 11131 | 27796 |
| 40273 | 87312 | 41115 | 98012 | 14683 | 12551 | 75104 | 0**79 | 11121 | 17705 |
| 40278 | 89612 | 40713 | 98050 | 15983 | 33303 | 25302 | 0**76 | 10731 | 27428 |
| 40290 | 80412 | 01812 | 98020 | 16981 | 00900 | 44312 | | 11631 | 27032 |
| 40201 | 70612 | 21310 | 99020 | 16980 | 21500 | 65802 | | | 2 88 |
| 40205 | 72612 | 50920 | 97022 | 16379 | 58500 | 25312 | 0**73 | 10933 | 2 376 |
| 40214 | 75912 | 30916 | 99021 | 18684 | 32400 | 74122 | | | 2 45 |
| 40224 | 74412 | 30808 | 98052 | 16680 | 32400 | 86322 | | | |
| 40249 | 74312 | 01110 | 98020 | 20381 | 00900 | 16322 | 0**77 | 11122 | 3 395 |
| 40251 | 70312 | 20807 | 99020 | 19680 | 00960 | 84120 | 0**72 | 10822 | 2 549 |
| 40269 | 74212 | 20605 | 81021 | | | | | | |
| 40294 | 78112 | 31706 | 98050 | 17386 | 21410 | 54312 | 0**76 | | 25237 |
| 40296 | 77812 | 41915 | 98021 | 18381 | 41300 | 55102 | 0**74 | 11921 | 27061 |
| 40298 | 79612 | 02405 | 98020 | 18380 | | 86510 | | | |
| 40203 | 68612 | 51109 | 98012 | 16682 | 54400 | 86312 | | 11122 | 1 911 |
| 40223 | 69512 | 61013 | 98021 | 00581 | 41410 | | | | |
| 40227 | 62412 | 21104 | 98020 | 195 | 27460 | 56300 | | | 35604 |
| 40235 | 60812 | 40912 | 99021 | 17627 | 41400 | 15319 | 00122 | 10931 | |
| 40246 | 69612 | 20809 | 99020 | 21081 | 21500 | | | | |
| 40249 | 69912 | 50905 | 99031 | 14983 | 52740 | 84818 | 0**76 | 10920 | 11137 |
| 40251 | 69412 | 30902 | 99031 | 19380 | 32400 | 75305 | | 11321 | |
| 40265 | 68212 | 00703 | 98050 | 19683 | 00900 | 86316 | | | 1 328 |
| 40272 | 61712 | 20503 | 98020 | 21581 | 21500 | 85320 | 00168 | | |
| 40238 | 49512 | 61107 | 97021 | 22129 | 32508 | 56108 | | | |
| 40245 | 45712 | 71215 | 97222 | 22028 | 775 | 54107 | | | |
| 40101 | 80212 | 43608 | 99021 | 11280 | 12508 | 46302 | | | 2 60 |
| 40118 | 80612 | 50415 | 99031 | 12281 | 34440 | 75303 | 0**77 | 10432 | 2 141 |
| 40170 | 80112 | 80913 | 98022 | 15682 | 38897 | 74125 | | | |

## SURFACE MARINE DATA

| LOCATION OF SHIP AND TIME OF OBSERVATION | | TOT. CLD. AMT. AND WIND | VIS. AND WEATHER | PRESSURE AND TEMP | CLOUDS | SHIP SPEED AND PRESS. CHANGE | TEMP | WAVES | SHIP NUMBER |
|---|---|---|---|---|---|---|---|---|---|
| YQLaLaLa | LoLoLoGG | Nddff | VVwwW | PPPTT | NhCLhCMCH | DsVsapp | OTsTsTdTd | IdwdwPwHw | |
| 40177 | 82512 | 81115 | 97502 | 12279 | 835 | 76318 | | | 1 148 |
| 40190 | 80012 | 80913 | 98022 | 15682 | 39897 | 74115 | | 10931 | 27534 |
| 40150 | 71912 | 20816 | 98001 | 12985 | 21601 | 15312 | 0**74 | 10833 | 2 374 |
| 40150 | 75012 | 80916 | 98022 | 12581 | 0097 | 85312 | | | 1 143 |
| 40157 | 76612 | 30917 | 98021 | 10580 | 33600 | 56202 | | | 1 434 |
| 40158 | 70912 | 50716 | 98020 | 13881 | 32660 | 16112 | | | |
| 40160 | 78012 | 80917 | 97052 | 13981 | 3743 | 35312 | 0**75 | 10934 | 2 173 |
| 40123 | 65012 | 40912 | 98021 | 16981 | 42400 | 85312 | | 10922 | |
| 40130 | 64312 | 20913 | 98020 | 16381 | 24462 | 75310 | | 10931 | 16395 |
| 40134 | 63912 | 60809 | 74011 | 14682 | 22419 | | | | |
| 40135 | 69912 | 60918 | 98032 | 13381 | 41630 | 45801 | | 10944 | |
| 40149 | 63012 | 81308 | 98031 | 15327 | 8088 | 55110 | 00022 | 11221 | |
| 40156 | 66712 | 31410 | 98031 | 16682 | 34300 | 85307 | | 11443 | |
| 40167 | 67112 | 21310 | 98020 | 14982 | 11580 | 35308 | | 11332 | 11090 |
| 40183 | 68312 | 10906 | 99020 | 15982 | 12300 | 46502 | | 11732 | 1 944 |
| 40184 | 64012 | 10915 | 98010 | 16682 | 11300 | 45310 | | 10922 | 2 395 |
| 40186 | 67812 | 30910 | 99010 | 13282 | 31600 | 45308 | 0**75 | 10942 | 1 988 |
| 40167 | 52412 | 41108 | 99031 | 28628 | 42602 | 66300 | | | |
| 40185 | 50312 | 82020 | 96022 | 00809 | 854 | 00320 | | | |
| 40117 | 28912 | 60516 | 98012 | 14980 | 21460 | 76304 | | | 11148 |
| 40136 | 17412 | 83203 | 97022 | 15528 | 83650 | 85305 | | | |
| 40016 | 84312 | 71610 | 99012 | 00578 | 48560 | 14303 | | | |
| 40089 | 84812 | 52605 | 98015 | 08881 | 54451 | 34410 | 0**80 | 11841 | 3 584 |
| 41634 | 69012 | 30206 | 99022 | 13964 | 00900 | 00613 | 0**51 | 1**** | 3 107 |
| 41500 | 71212 | 90000 | 97412 | 03444 | 9 0 | 26300 | 0**44 | 132*2 | 3 178 |
| 41540 | 57112 | 91116 | 96105 | 08550 | 9 0 | 75414 | 0**49 | 11132 | 3 660 |
| 41562 | 52512 | 81711 | 98032 | 13249 | 86000 | 300 | 01045 | 11723 | |
| W41500 | 45012 | 81718 | 98022 | 21452 | 86500 | 00300 | 00349 | | |
| 41535 | 47712 | 1207 | 92444 | 19046 | | | | | |
| 41430 | 72512 | 82816 | 98022 | 10849 | 853 | 26810 | 0**47 | 12822 | 35674 |
| 41491 | 77712 | 83210 | 96414 | 04144 | 862 | 14820 | 0**44 | 14922 | |
| 41465 | 61212 | 91812 | 95474 | 97045 | 9 0 | 75802 | | | 35683 |
| 41472 | 69012 | 83214 | 95022 | 01244 | | | | | |
| 41450 | 59112 | 82315 | 98022 | 98052 | 865 | | | | |
| 41470 | 53812 | 81418 | 98031 | 08852 | 3742 | 26302 | 0**51 | 11433 | 3 49 |
| 41407 | 41712 | 30915 | 97028 | 20760 | 38300 | 37811 | 0**58 | 10933 | 1 818 |
| 41411 | 41212 | 60910 | 97025 | 21760 | 48 11 | 26612 | | | 3 476 |
| 41422 | 49112 | 41818 | 98012 | 17362 | 40695 | 65820 | | 11732 | 27238 |
| 41462 | 47812 | 71312 | 97202 | 13256 | 87600 | | | | |
| 41495 | 47312 | 81415 | 95506 | 15250 | 85550 | 23307 | | | |
| 41411 | 30412 | 80517 | 97022 | 21054 | 67577 | 36806 | | | 35388 |
| 41424 | 34012 | 80213 | 9 022 | 22456 | 865 | 75306 | | | 3 50 |
| 41432 | 37412 | 80710 | 96022 | 24556 | 855 | 75300 | | 10732 | 35694 |
| 41443 | 32512 | 83611 | 97282 | 21054 | 84300 | 15603 | | | |
| 41491 | 32712 | 83221 | 98022 | 25752 | 855 | 64307 | | | |
| 41404 | 24512 | 80209 | 96402 | 10852 | 874 | 13422 | | | |
| 41428 | 24612 | 93613 | 91470 | 11548 | | | | | |
| 41468 | 24212 | 83015 | 98022 | 15951 | 843 | | | | |
| 41485 | 24912 | 90000 | 91474 | 15953 | | | | | |
| 41343 | 59312 | 62912 | 98022 | 10868 | 54610 | 65620 | | | |
| 41365 | 55712 | 81806 | 97032 | 11965 | 875 | 64814 | 0**62 | | 1 742 |
| 41395 | 44512 | 40105 | 99021 | 31854 | 44600 | 26810 | 0**47 | | 35562 |
| 41315 | 38112 | 73609 | 98012 | 15364 | 64400 | 55320 | 06559 | | |
| 41320 | 38312 | 73608 | 98142 | 14965 | 75400 | 54803 | 0**63 | 13633 | 3 528 |
| 41325 | 37112 | 90108 | 98028 | 13964 | 93300 | | | | |
| W41330 | 35012 | 80204 | 81022 | 17662 | 855 | 00810 | 05152 | 10153 | 2420 |
| 41339 | 37912 | 80508 | 97032 | 15262 | 844 | 908 | 0**56 | | 37188 |
| 41343 | 32012 | 82905 | 98012 | 14959 | 883 | 56306 | 0**54 | 12921 | 35176 |
| 41333 | 20512 | 93518 | 98022 | 10557 | 75420 | | | | |
| 41377 | 22712 | 82805 | 97034 | 13353 | 6612 | 13132 | | | |
| 41318 | 16912 | 82810 | 98022 | 10058 | 81500 | 35806 | 05456 | | |
| 41341 | 19512 | 12909 | 80020 | 05864 | 18700 | | | | |
| 41270 | 93612 | 61207 | 97031 | 13279 | 34418 | 25204 | 0**73 | 11221 | |
| 41273 | 90212 | 31409 | 99011 | 14680 | 31500 | 65312 | | 11422 | 2 125 |
| 41273 | 95812 | 31415 | 97054 | 12582 | 21403 | 26210 | | 11422 | 11061 |
| 41284 | 92812 | 51810 | 98021 | 13983 | 31405 | 75802 | 0**78 | 11820 | 16211 |
| 41234 | 53212 | 30602 | 97021 | 12574 | 31580 | | | | |
| 41236 | 54212 | 40910 | 98021 | 14974 | 43500 | 57820 | | | 3 87 |
| 41250 | 50612 | 60708 | 97021 | 26175 | 35680 | | | | |
| 41210 | 42212 | 30812 | 98021 | 14674 | 31300 | 26616 | 0**65 | 10823 | 1 629 |
| 41227 | 46012 | 30707 | 98011 | 14972 | 61300 | 66806 | | | 1 809 |
| W41251 | 49912 | 70710 | 98032 | 16373 | 75500 | 16606 | 0**70 | 10731 | 3 13 |
| W41280 | 45012 | 60805 | 80022 | 17569 | 35601 | 00815 | 05356 | 10733 | 5821 |
| 41203 | 36112 | 80505 | 98022 | 13573 | 865 | 66810 | 0**66 | 10241 | 3 71 |
| 41230 | 10312 | 83210 | 98031 | 03767 | 4557 | 66310 | | | 35133 |
| 41279 | 10912 | 61409 | 98022 | 44888 | | | | | |
| 41204 | 08012 | 72701 | 98022 | 08575 | 77500 | 00 | | 12933 | 35046 |
| 41205 | 07012 | 82706 | 98022 | 05275 | 21599 | 35 | | 12722 | |
| 41141 | 92412 | 72802 | 99022 | 10281 | 78215 | 75300 | 0**73 | 128*0 | 1 270 |
| 41143 | 95812 | 92708 | 98636 | 09579 | | 35302 | | | 35209 |
| 41192 | 17212 | 83613 | 98022 | 09868 | 843 | 65310 | | | 35636 |
| 41193 | 05712 | 83618 | 98626 | 00777 | 87520 | | | | |
| 42506 | 70312 | 91650 | 96204 | 85447 | 9 0 | 66815 | 0**45 | | 36640 |
| 42461 | 58712 | 73038 | 96026 | 07944 | 77600 | | | | |
| 42409 | 61112 | 82716 | 98022 | 12556 | 844 | 56312 | 0**53 | 12732 | 3 54 |
| 42416 | 68012 | 82521 | 97022 | 10557 | 6552 | 24300 | | | |
| 42421 | 65512 | 8 530 | 96022 | 06654 | | | | | |
| 42443 | 67312 | 92245 | 94602 | 95948 | 9 0 | 54126 | 0**48 | 1227* | 3 469 |
| 42472 | 68612 | 92440 | 96214 | 79745 | 9 0 | 1300 | | 12459 | 36920 |
| W42480 | 62012 | 83237 | 27166 | 88843 | 872 | 00366 | 00241 | 18440 | 5218 |
| 42409 | 70912 | 1804 | 99011 | 10557 | | 16606 | 0**57 | 11822 | 35124 |
| 42479 | 75212 | 81722 | 86565 | 97447 | | | | | |
| 42320 | 34812 | 80608 | 97022 | 05075 | | | | | |
| 42388 | 32612 | 80611 | 97676 | 11569 | 87320 | | | | |
| 42336 | 49612 | 80720 | 98022 | 13571 | 8652 | 26304 | 0**67 | 12543 | 3 323 |
| 42351 | 49012 | 81610 | 98012 | 13970 | 5427 | 65302 | | 11661 | 3 656 |
| 42303 | 58212 | 02212 | 99011 | 16379 | 00900 | 65302 | 0**75 | 12232 | 2 299 |
| 42338 | 57812 | 70206 | 980 2 | 16471 | | | | | |
| W42389 | 53012 | 32706 | 82021 | 16063 | 34500 | 00008 | 06655 | 13444 | |
| 42399 | 52012 | 13204 | 98022 | 14663 | 11400 | 15104 | | | 3 171 |
| W42310 | 64012 | 51909 | 64021 | 17478 | 45500 | 00906 | 05274 | 11922 | |
| 42337 | 71512 | 12508 | 99020 | 19373 | 12300 | 64606 | | 13431 | 1 502 |
| 42371 | 76112 | 91813 | 96452 | 19066 | 9 0 | 26804 | | | 37117 |
| 42207 | 20312 | 12605 | 99010 | 10085 | 20901 | | | | |
| 42209 | 20012 | 12614 | 98011 | 07084 | | | | | |
| 42209 | 22712 | 28709 | 84021 | 15090 | 22500 | | | | |
| 42241 | 26112 | 21815 | 98021 | 06885 | 21400 | 55312 | 0**78 | | 1 731 |
| W42288 | 35512 | 62217 | 81012 | 11378 | 35672 | 00320 | 07876 | 12444 | |
| 42289 | 32612 | 62810 | 98022 | | | | | | |
| 42200 | 46512 | 30705 | | | | | | | |
| 42227 | 44712 | 70000 | 98011 | 14984 | 32350 | 66610 | 0**77 | 100*0 | 3 169 |
| 42231 | 40212 | 41506 | 98141 | 13584 | 43400 | 35308 | 0**76 | 11543 | 35506 |
| 42150 | 15812 | 22210 | 99021 | 07183 | 21700 | 16300 | | | 1 208 |
| 42193 | 19312 | 22408 | 97021 | 05085 | 20731 | | | | |
| 42198 | 24212 | 22702 | 98021 | 07583 | 24 00 | 55302 | 0**78 | 127*0 | 3 427 |
| 42166 | 30612 | 31422 | 98032 | 01783 | 32 78 | 26227 | 0**79 | 11435 | 3 454 |
| 42157 | 48212 | 01110 | 99020 | 11985 | 00900 | 56610 | 0**81 | | 35562 |
| 42154 | 67212 | 40808 | 98031 | 11981 | 41400 | | | | |
| 42146 | 95312 | 12545 | 99010 | 12081 | 12500 | 81300 | 05180 | | |
| 42086 | 05912 | 42515 | 98022 | 08508 | 04460 | 66300 | 0**78 | 12533 | 1 464 |
| 42030 | 59512 | 92315 | 96022 | 10080 | | | | | |
| 42056 | 93312 | 62517 | 98032 | 12080 | 26461 | 65907 | | 12547 | |
| 42058 | 94812 | 72415 | 99022 | 11587 | 73 00 | 66304 | 0**75 | 12433 | 3 18 |
| 43731 | 17812 | 82102 | 97022 | 12107 | | | | | |
| 43705 | 32312 | 83502 | 99022 | 11807 | | | | | |
| W43659 | 02212 | 83410 | 99022 | 12708 | 855 | 00306 | 05405 | 10132 | |
| 43685 | 13012 | 10413 | 82020 | 06047 | 15740 | | | | |
| 43553 | 06412 | 63210 | 97022 | 09417 | 62500 | | | | |
| 43558 | 04812 | 21705 | 98010 | 11613 | | | | | |
| 43404 | 02612 | 12108 | 98020 | 27220 | 12508 | 55307 | | | |
| 43408 | 04712 | 10605 | 98012 | 25523 | 00 09 | 00 08 | | | |
| 43414 | 03112 | 21908 | 98020 | 16322 | 23500 | 13104 | | | |
| 43423 | 06112 | 13127 | 98020 | 19519 | 00901 | 77617 | 056** | 13135 | |
| 43426 | 04712 | 23020 | 98020 | 23018 | 00910 | 57300 | 062** | 13021 | |
| 43370 | 01412 | 30513 | 98010 | 238 | 21405 | 54609 | | 10622 | |
| 43370 | 07712 | 40818 | 98011 | 24072 | 11414 | 65300 | 0**63 | 10823 | 16381 |
| 43372 | 04712 | 60818 | 98032 | 22073 | 60851 | 26314 | | | |
| 43397 | 01212 | 20702 | 99010 | 26721 | 22 02 | 16309 | | | |
| 43397 | 03612 | 29004 | 98021 | 25623 | 20804 | | | | |
| 43382 | 16812 | 50611 | 98021 | 19681 | 58606 | 55506 | 0**68 | 10620 | 2 248 |
| 43313 | 29612 | 02701 | 98000 | 16984 | 00900 | 35600 | 0**74 | 12321 | 1 847 |
| 43326 | 28812 | 02910 | 97050 | 13981 | 00900 | 66403 | 0**72 | | 1 887 |
| 43343 | 22312 | 22705 | 99021 | 05881 | 00941 | 65304 | | 12721 | 11021 |
| 43202 | 64512 | 72412 | 98521 | 02886 | 33618 | 34508 | | 12445 | |
| 43156 | 41712 | 12402 | 99020 | 07888 | 00980 | 76602 | 0**77 | 10121 | |
| 43133 | 55512 | 22240 | 98031 | 07882 | 22 00 | 24620 | 0**74 | 17162 | 2 548 |
| 43108 | 64612 | 52519 | 98021 | 10087 | 42501 | 24611 | | 12545 | |
| 43121 | 68012 | 62722 | 98031 | 10779 | 22510 | | | | |
| 43112 | 75212 | 51615 | 98022 | 10882 | 22441 | 46802 | 0**74 | 12645 | 15229 |
| 43182 | 72712 | 82618 | 98166 | 05279 | 874 | 44 | | 12738 | |
| 43140 | 81212 | 01005 | 98000 | 06485 | 00900 | | | | |
| 43175 | 83712 | 22209 | 98010 | 03084 | | | | | |
| 43066 | 76612 | 32413 | 98020 | 10483 | 32400 | 67608 | | 12443 | |
| 43066 | 77212 | 42413 | 98021 | 10781 | 32505 | 12644 | | | |
| 43077 | 77012 | 12510 | 98020 | 10628 | 12400 | 26809 | | | |
| 43089 | 71612 | 62614 | 99818 | 10780 | 52570 | 65605 | | 12633 | |
| 43021 | 83412 | 62715 | 99031 | 12182 | 31511 | 36300 | | | |
| 43034 | 83212 | 42614 | 98020 | 10228 | 32461 | 65104 | | | |
| 43054 | 83212 | 42614 | 98020 | 10281 | 32461 | 65104 | | 12633 | |
| 43058 | 80712 | 12509 | 98020 | 09787 | 11400 | 64605 | | 12633 | |
| 43069 | 84712 | 02609 | 99020 | 10282 | 00900 | 63400 | | 12422 | |
| 43071 | 82012 | 01305 | 99081 | 08082 | 00900 | 84400 | | 11322 | |

June 28 1951

| LOCATION OF SHIP AND TIME OF OBSERVATION | | TOT. CLD. AMT. AND WIND | VIS. AND WEATHER | PRESSURE AND TEMP | CLOUDS | SHIP SPEED AND PRESS. CHANGE | TEMP | WAVES | SHIP NUMBER |
|---|---|---|---|---|---|---|---|---|---|
| 50718 | 57012 | 03404 | 9447 | 17337 | 00900 | 88507 | | 13453 | 2 119 |
| 50728 | 56512 | 90000 | 94454 | 15640 | 9 0 | 00803 | 0**38 | | 3 657 |
| 50730 | 57412 | 90000 | 90282 | 15644 | 9 0 | 00822 | 0**40 | | 3 274 |
| 50748 | 59212 | 83505 | 96717 | 15531 | 863 | 615 | 00131 | | |
| W50620 | 33012 | 90114 | 02456 | 11949 | 9 0 | 00608 | 00149 | 10323 | 701 |
| 50633 | 11712 | 62405 | 97032 | 21110 | 45531 | 34307 | 05007 | 149*0 | |
| 50500 | 62112 | 73607 | 98022 | 12450 | 32450 | 25306 | 0**48 | 136*0 | |
| 50541 | 65712 | 81824 | 97032 | 02447 | 87420 | | | | |
| W50565 | 51012 | 80525 | 74024 | 06846 | 864 | 00905 | 05044 | 10565 | 1102 |
| 50546 | 46112 | 81805 | 96022 | 02947 | 844 | 14314 | 00045 | 11410 | |
| 50510 | 35512 | 72508 | 98032 | 12564 | 51368 | 15311 | | 12232 | 2 595 |
| W50528 | 35512 | 62411 | 64024 | 10860 | 00908 | 00408 | 00554 | 11923 | 1203 |
| 50506 | 27612 | 92013 | 93284 | 21063 | 9 0 | 16304 | 0**58 | | 1 103 |
| 50562 | 22812 | 71405 | 98022 | 19156 | 54468 | 25408 | | | |
| 50513 | 10712 | 81604 | 97586 | 20357 | 8 4 | 26305 | 05153 | | |
| W50526 | 19912 | 33514 | 95104 | 19656 | 36700 | 71119 | 05155 | 125*3 | |
| W50590 | 19412 | 61508 | 98022 | 20555 | 27354 | 00304 | 05047 | 14962 | |
| 50591 | 01412 | 80113 | 98022 | 20010 | | | | | |
| 50405 | 70112 | 93208 | 93454 | 09265 | | | | | |
| 50400 | 61512 | 52116 | 97102 | 10873 | 54700 | 26300 | 0**72 | 12354 | 1 58 |
| 50401 | 67912 | 81805 | 97052 | 10271 | 843 | 16300 | | | |
| 50404 | 63812 | 81803 | 97022 | 10023 | 80 1 | 24602 | 053** | 14921 | |
| 50405 | 65112 | 83106 | 97011 | 09772 | 663 | 26302 | 0**70 | 12022 | |
| 50406 | 68912 | 80000 | 95424 | 09569 | 874 | 302 | 0**68 | | 1 982 |
| 50411 | 62012 | 82616 | 97028 | 09168 | 854 | 25310 | | | 1 799 |
| 50411 | 62712 | 92607 | 93474 | 08163 | 9 0 | 65820 | | | 2 256 |
| 50411 | 67112 | 95703 | 98454 | 09289 | 6 0 | 56313 | 0**59 | 149** | 1 906 |
| 50417 | 66712 | 90000 | 92454 | 09855 | 9 0 | 55306 | | | 11042 |
| 50425 | 67512 | 90000 | 91452 | 09454 | 9 0 | 63310 | 0**54 | 12321 | |
| 50497 | 65412 | 10210 | 99010 | 14655 | 54315 | 00447 | | | |
| 50401 | 51012 | 82715 | 99032 | 18074 | 6145 | 26103 | | | |
| 50404 | 55812 | 62120 | 98031 | 15671 | 11 18 | 26310 | 0**67 | 12522 | 1 989 |
| 50415 | 57012 | 82116 | 99012 | 13270 | 837 | 14810 | 0**62 | 12133 | 1 883 |
| 50425 | 52512 | 72405 | 98022 | 14460 | 44679 | 54317 | 00256 | | 3 452 |
| 50462 | 54512 | 62713 | 97022 | 06650 | 65500 | 55321 | | | |
| 50478 | 50812 | 32425 | 98012 | 03748 | 22231 | 56328 | 0**46 | 12427 | 16303 |
| 50485 | 50412 | 92524 | 93475 | 00108 | 8 0 | 64321 | 00208 | 12545 | |
| 50490 | 56112 | 81922 | 37026 | 01848 | 872 | 15309 | 00447 | 11833 | |
| 50433 | 40512 | 42507 | 99020 | 18666 | 11381 | 26301 | | | |
| W50440 | 41012 | 72412 | 80022 | 17962 | 21550 | 00112 | 05156 | 12334 | 1 210 |
| W50490 | 46112 | 81922 | 64026 | 01848 | 872 | 15309 | 00447 | 11833 | 904 |
| 50497 | 47012 | 82027 | 98028 | 99151 | 84500 | 55614 | 00047 | 11946 | 1700 |
| 50400 | 39512 | 82118 | 97031 | | | | | | |
| 50429 | 33912 | 81811 | 97022 | 24920 | | | | | |

SURFACE MARINE DATA

| LOCATION OF SHIP AND TIME OF OBSERVATION | | TOT. CLD. AMT. AND WIND | VIS. AND WEATHER | PRESSURE AND TEMP | CLOUDS | SHIP SPEED AND PRESS. CHANGE | TEMP | WAVES | SHIP NUMBER |
|---|---|---|---|---|---|---|---|---|---|
| YQLaLaLa | LoLoLoGG | Nddff | VVwwW | PPPTT | NhCLhCMCH | DsVsapp | OTsTsTdTd | IdwdwPwHw | |
| 50437 | 38512 | 81913 | 98032 | 15265 | 65410 | | | | |
| 50466 | 35012 | 91718 | 94454 | 10263 | 9 0 | 67824 | | | 1 81 |
| 50468 | 38112 | 82911 | 98026 | 14460 | 854 | 65424 | 0**57 | 149*5 | |
| 50477 | 31912 | 51920 | 98012 | 20363 | 52702 | 26106 | 0**63 | 11936 | 27488 |
| 50493 | 39312 | 62212 | 99021 | 10262 | 47361 | 65303 | | 12223 | 35669 |
| 50499 | 32812 | 31820 | 98011 | 20066 | 32300 | 26320 | | | 1 934 |
| 50402 | 20812 | 32702 | 98012 | 26671 | 34500 | 65310 | 00363 | | |
| 50411 | 29812 | 10805 | 98020 | 27867 | 11400 | 55300 | 00161 | | |
| 50414 | 29412 | 40000 | 99021 | 29571 | 43300 | 65300 | | | |
| 50420 | 22212 | 33402 | 98020 | 29124 | 11504 | 00815 | | | |
| 50469 | 28612 | 32017 | 99031 | 24465 | 32802 | 16310 | 0**63 | 121*0 | 3 472 |
| 50472 | 20812 | 82604 | 98022 | 31420 | 85300 | 15308 | | | |
| 50489 | 20512 | 82509 | 97022 | 25865 | 864 | 26104 | 00460 | | |
| 50490 | 25912 | 72209 | 98012 | 23962 | 75600 | 64300 | 0**59 | 12232 | |
| 50495 | 22512 | 82618 | 97205 | 23861 | 864 | 68420 | | 12644 | |
| 50417 | 10512 | 73509 | 98012 | 25264 | 756 | 44300 | 00057 | 13422 | |
| W50450 | 16012 | 73306 | 98012 | 28319 | 784 | 00105 | 0**16 | | |
| 50472 | 10412 | 82506 | 97022 | 83021 | | | | | |
| 50475 | 16712 | 82705 | 96022 | 25518 | 8573 | | | | |
| 50480 | 13312 | 62302 | 98032 | 25772 | 63541 | 15401 | 0**67 | 12352 | 2 686 |
| 50483 | 12612 | 72511 | 97022 | 23917 | | | | | |
| 50432 | 09212 | 40313 | 98022 | 23521 | 45500 | 44300 | | | |
| 50457 | 07712 | 82303 | 98012 | 25021 | 855 | | | | |
| 50466 | 07712 | 73604 | 96021 | 20820 | | | | | |
| 50484 | 05412 | 82705 | 98022 | 24063 | 24410 | 16910 | 00358 | 12721 | |
| 50496 | 08012 | 82614 | 95525 | 22461 | 7742 | 25300 | 00161 | 12623 | |
| 50300 | 74512 | 52012 | 97031 | 18382 | 34401 | 45314 | 0**74 | 12022 | |
| 50303 | 70012 | 12607 | 97020 | 23081 | 11500 | | | | |
| 50303 | 79712 | 22010 | 98021 | 19080 | 23500 | 85302 | | 12022 | 16206 |
| 50306 | 71212 | 82312 | 90011 | 16881 | 2231 | 46312 | | 12320 | 16300 |
| 50308 | 71012 | 43003 | 98031 | 20380 | 34610 | 75302 | | 12922 | |
| 50318 | 74212 | 23169 | 70310 | 96832 | 66001 | 63040 | | 12333 | 3 395 |
| 50322 | 75912 | 72316 | 97612 | 18376 | 73400 | 54312 | | 12333 | 1 952 |
| 50324 | 74812 | 72513 | 80020 | | | | | | |
| 50326 | 70412 | 12563 | 97050 | 18679 | 00950 | 86608 | | | 1 328 |
| 50327 | 74012 | 62317 | 97051 | 14281 | 56201 | 55310 | 0**77 | 12324 | |
| 50338 | 75512 | 62525 | 98012 | 15683 | 64700 | 56306 | 0**79 | 125*4 | 15701 |
| 50343 | 74712 | 01818 | 40050 | | | | | | |
| 50354 | 75312 | 62503 | 80032 | | | | | | |
| 50357 | 74812 | 62010 | 99012 | 14984 | 28579 | 85334 | 0**77 | 11833 | 26705 |
| 50362 | 72012 | 32519 | 98012 | 13582 | 21401 | 46310 | | | 1 558 |
| 50362 | 73912 | 42205 | 99031 | 15273 | 00950 | 46328 | 0**71 | | 11338 |
| 50362 | 74712 | 62505 | 98021 | 14675 | 00970 | 316 | 00268 | 126*2 | |
| 50369 | 73912 | 02703 | 98000 | 14280 | 00900 | 74306 | 0**77 | 12722 | |
| 50369 | 75212 | 73310 | 99032 | 13474 | 00902 | | | | |
| 50376 | 75012 | 72820 | 99022 | 12975 | 00938 | | | | |
| 50375 | 75112 | 62718 | 81021 | | | | | | |
| 50376 | 73012 | 72610 | 98022 | 13175 | 00908 | | | | |
| 50378 | 74312 | 73215 | 98032 | 12574 | 00954 | 85506 | 0**68 | 13222 | 27647 |
| 50387 | 73712 | 52310 | 98081 | 10576 | 54337 | 64306 | | 123*0 | 15719 |
| 50389 | 73912 | 42507 | 98020 | 11272 | 41300 | 85300 | 0**72 | 12521 | 2 544 |
| 50390 | 73512 | 32204 | 98011 | 10572 | 30743 | 35112 | | 11821 | 27677 |
| 50394 | 74012 | 22308 | 97011 | 10574 | 00970 | 45106 | | 12321 | 27662 |
| 50328 | 69012 | 12518 | 98020 | 21380 | 00040 | 14301 | 00179 | 12522 | |
| 50359 | 68412 | 72425 | 96023 | 15078 | 00970 | 76300 | 0**75 | | |
| W50365 | 69512 | 82516 | 64012 | 13478 | 46509 | 00201 | 00275 | 12633 | 508 |
| 50398 | 69712 | 82909 | 80032 | | | | | | |
| 50399 | 61612 | 62320 | 97502 | 09876 | 65666 | 26302 | | | 11334 |
| 50308 | 51012 | 41905 | 97021 | 18626 | | | | | |
| 50329 | 52612 | 12008 | 97018 | 22478 | 12300 | 66300 | 0**75 | 12921 | 11084 |
| 50330 | 55312 | 92003 | 95656 | 21772 | 9 0 | 65306 | 0**72 | 12031 | 17605 |
| 50397 | 53712 | 72114 | 99012 | 17371 | 00968 | 25304 | | 121*4 | |
| W50350 | 48012 | 62018 | 80012 | 21573 | 65700 | 00309 | 00370 | 12033 | 105 |
| 50358 | 45412 | 22213 | 98010 | 22576 | 00940 | 14300 | 00373 | 122*1 | |
| 50359 | 49312 | 723 9 | 98032 | 22075 | 74450 | 56602 | | | |
| 50361 | 46512 | 72318 | 97022 | 21072 | 77200 | 63702 | 0**71 | 12343 | 2 70 |
| 50366 | 44612 | 72622 | 98031 | 22772 | 72421 | 65302 | 0**71 | 12455 | 26830 |
| 50393 | 46712 | 70000 | 98000 | 20769 | 71600 | 24312 | | 100*0 | 29925 |
| 50396 | 45012 | 72105 | 97012 | 17525 | 72630 | 64405 | 008** | 12022 | |
| 50363 | 39512 | 11603 | 99020 | 24072 | 11400 | 64300 | 0**68 | 11633 | 17926 |
| 50384 | 33212 | 20000 | 99021 | 27472 | 21400 | 55202 | 0**64 | 100*0 | 2 292 |
| 50390 | 31812 | 03608 | 99020 | 26171 | 00900 | 24200 | 0**71 | 10020 | 27696 |
| 50390 | 38112 | 62012 | 98031 | 23724 | 44540 | 65805 | 008** | 12222 | |
| 50358 | 25812 | 81806 | 97022 | 28524 | | | | | |
| 50380 | 23212 | 90316 | 97024 | 13210 | | | | | |
| 50392 | 29812 | 30000 | 99011 | 28178 | 21504 | 55302 | | 100*0 | 27235 |
| 50342 | 16012 | 83408 | 98031 | 19068 | 51461 | 66320 | | | 11334 |
| 50371 | 12212 | 70203 | 96201 | 20320 | | | | | |
| 50374 | 12712 | 60225 | 98022 | 23765 | 64400 | 25601 | 0**60 | 10557 | 2 337 |
| 50361 | 06112 | 11124 | 98050 | 19671 | 00930 | 15300 | 0**60 | 11127 | 16381 |
| 50363 | 03712 | 31007 | 98030 | 22074 | 00902 | 25302 | 0**67 | 11021 | 2 33 |
| 50363 | 07012 | 10810 | 98020 | 086 | 00305 | 65302 | | | |
| 50366 | 08312 | 00502 | 97051 | 20770 | 00900 | 14102 | | 10522 | 27797 |
| 50212 | 84512 | 71808 | 98022 | 17685 | 49890 | 74312 | | | |
| 50214 | 84312 | 71808 | 98022 | 17685 | 49890 | 74312 | | 10921 | 27534 |
| 50214 | 85612 | 81610 | 98035 | 14682 | 8832 | 56300 | | | 2 5 |
| 50230 | 83312 | 50906 | 96231 | 59802 | 24602 | 16324 | | | |
| 50230 | 84312 | 50906 | 98022 | 15980 | 24602 | 16314 | | | 1 148 |
| 50235 | 87212 | 61006 | 97032 | 17381 | 65300 | 75312 | | 11011 | 2 562 |
| 50236 | 81112 | 21814 | 99020 | 19685 | 21400 | 75120 | | | 2 45 |
| 50244 | 81512 | 31410 | 97051 | 16382 | 32400 | 26310 | 0**77 | 11422 | 1 842 |
| 50245 | 83112 | 41615 | 97051 | 18663 | 26311 | 35112 | 0**80 | 11621 | 27796 |
| 50247 | 80712 | 11810 | 98010 | 18382 | 11400 | 54310 | | 11632 | 27032 |
| 50247 | 83412 | 41214 | 98054 | 17681 | 28234 | 35306 | 0**76 | 11242 | 27428 |
| 50253 | 80112 | 21710 | 98050 | 18085 | 21501 | 54312 | 0**75 | | 25237 |
| 50255 | 85512 | 41415 | 98010 | 164 | 32530 | 36315 | | 149** | |
| 50255 | 87912 | 81924 | 97258 | 16374 | 5732 | 25120 | | 12033 | |
| 50256 | 88212 | 81630 | 98052 | 15677 | 00979 | 26220 | | | |
| 50257 | 85412 | 41410 | 98021 | 17683 | 48400 | 75316 | | 11434 | 27082 |
| 50261 | 80012 | 21115 | 98050 | 19082 | 22400 | 44306 | | 11121 | |
| 50274 | 86912 | 71610 | 98031 | 19382 | 21510 | 44305 | 0**77 | 11621 | 2 428 |
| 50276 | 89012 | 51412 | 98030 | 15982 | 22480 | 76513 | 0**77 | | 1 696 |
| 50278 | 87212 | 61609 | 98011 | 16680 | 32389 | 36310 | | | |
| 50290 | 87712 | 82010 | 98162 | 16386 | 87847 | 36302 | | 12032 | 2 128 |
| 50204 | 74112 | 00916 | 98000 | 16984 | 00900 | 85320 | | | 1 143 |
| 50209 | 73912 | 20913 | 99012 | 18082 | 21700 | 36320 | 0**75 | 10922 | 2 218 |
| 50259 | 79412 | 31812 | 98021 | 16383 | 28303 | 55409 | 0**73 | 11832 | |
| 50268 | 70912 | 31006 | 98021 | 21081 | 33400 | 86310 | | 10920 | 1 911 |
| 50283 | 79712 | 32303 | 98051 | 17681 | 00908 | 86103 | 0**79 | | 16215 |
| 50287 | 79712 | 32303 | 98021 | 17681 | 21712 | 86103 | 05379 | 12321 | |
| 50289 | 71212 | 61405 | 98032 | 20084 | 64560 | 84300 | 0**73 | 11420 | 11137 |
| 50289 | 72112 | 52402 | 98011 | | | | | | |
| 50290 | 71612 | 00000 | 97000 | 21082 | 00900 | 84300 | 0**71 | | 2 549 |
| 50290 | 74512 | 52004 | 98051 | 19379 | 21508 | 86300 | | | 11324 |
| 50297 | 78112 | 42120 | 98030 | 18082 | 42400 | 55302 | 0**77 | 11933 | 27103 |
| 50200 | 65912 | 49009 | 99020 | 19782 | 22660 | 16115 | 05176 | | |
| 50208 | 62212 | 40809 | 97021 | 20883 | 415 | 85325 | 00175 | 10822 | |
| 50211 | 68812 | 31410 | 98031 | 20783 | 32300 | 85309 | | 11443 | |
| 50230 | 61512 | 52502 | 98021 | 20577 | 5243 | 85305 | 00274 | 12521 | |
| 50236 | 67512 | 21103 | 99141 | 21084 | 29800 | 55310 | | 11121 | 2 254 |
| 50295 | 65012 | 40000 | 97054 | 22078 | 41200 | 54107 | | | |
| 50226 | 58012 | 11102 | 99010 | 23281 | 11600 | 45102 | 00168 | 111*0 | |
| 50278 | 43112 | 71302 | 98039 | 26277 | 52650 | 53005 | 05271 | | |
| 50282 | 32812 | 20003 | 99010 | 25774 | 14260 | 55303 | 0**62 | 100*0 | 2 271 |
| 50269 | 15612 | 40204 | 98011 | 18025 | 47500 | 55300 | 008** | 10221 | |
| 50117 | 89712 | 61406 | 99022 | 11981 | 42508 | 36312 | | | 35209 |
| 50168 | 82112 | 60412 | 98052 | 15982 | 57430 | 85302 | 0**79 | 10422 | 2 141 |
| 50175 | 87112 | 81124 | 97052 | 12582 | 43 76 | 16312 | | | 1 724 |
| 50133 | 70912 | 31121 | 98011 | 14682 | 21400 | 76316 | | 11134 | 1 282 |
| 50152 | 72112 | 60824 | 98031 | 14581 | 62530 | 320 | 00177 | 10843 | |
| 50105 | 65312 | 51006 | 98031 | 14680 | 26101 | 24213 | | | |
| 50126 | 62412 | 70915 | 98188 | 14982 | 54460 | 45304 | | 10922 | 2 395 |
| 50127 | 65712 | 30915 | 98011 | 11582 | 31900 | 45306 | 0**77 | 10943 | 1 988 |
| 50130 | 69712 | 30918 | 98022 | 13281 | 21560 | 84304 | 0**76 | 10733 | 11062 |
| 50148 | 68412 | 30813 | 98030 | 17383 | 37400 | 74320 | | 10733 | 16395 |
| 50174 | 67212 | 30913 | 80011 | 16682 | 21340 | | | | |
| 50175 | 68612 | 21505 | 98021 | 15680 | 21300 | 204 | 0**80 | 11242 | 1 972 |
| 50184 | 65112 | 20910 | 98251 | 20782 | 22400 | 85312 | | 10922 | |
| 50197 | 55612 | 50925 | 97021 | 19529 | 28450 | 56300 | 002** | | |
| 50164 | 33512 | 80516 | 98022 | 17378 | 3246 | 76830 | | | 11148 |
| 50060 | 81112 | 72405 | 98132 | 1038 | 64610 | 15602 | 05377 | | |
| 50071 | 80712 | 82802 | 98022 | 11580 | 7544 | 67310 | 0**76 | 12820 | 36709 |
| 50071 | 80912 | 63406 | 98163 | 11280 | 47570 | 24110 | 0**79 | 12341 | 3 584 |
| 50040 | 47512 | 11112 | 98020 | 13984 | 41200 | 76310 | | | 1 330 |
| 51634 | 69012 | 20000 | 98022 | 10539 | 55 00 | 00420 | 0**26 | 1**** | 3 107 |
| 51500 | 60512 | 91403 | 97202 | 11550 | | 26352 | 0**50 | 123*2 | 3 178 |
| 51500 | 66112 | 83020 | 97505 | 99748 | 854 | 24108 | 0**47 | 11936 | |
| 51540 | 68012 | 81805 | 98022 | 00347 | 85 | 55802 | 0**40 | 11812 | 3 660 |
| 51541 | 56812 | 1610 | 98462 | 11546 | | | | | |
| 51565 | 52112 | 81110 | 91284 | 15249 | 80000 | 300 | 01047 | 11143 | |
| W51500 | 45012 | 81612 | 98034 | 27952 | 86500 | 00313 | 00149 | | |
| 51459 | 71912 | 82410 | 95404 | 06051 | | | | | |
| 51430 | 63112 | 82714 | 98022 | 12552 | 854 | 56306 | 0**48 | 12722 | 35674 |
| 51451 | 60212 | 81605 | 95022 | 09244 | | | | | |
| 51469 | 68812 | 92605 | 96103 | 03841 | 9 0 | 75801 | | | 35683 |
| 51422 | 57212 | 42703 | 98031 | 16356 | 47400 | 65302 | | 12334 | 27238 |
| 51447 | 42412 | 50709 | 97202 | 25156 | 58600 | 75300 | | | 3 50 |
| 51448 | 42012 | 80009 | 98022 | 21258 | 86660 | | | | |
| 51453 | 43912 | 71410 | 97082 | 25559 | 8552 | | | | |
| 51453 | 44012 | 81310 | 98031 | 24757 | 2742 | 75310 | | 11132 | 35694 |
| 51490 | 42012 | 82011 | 95405 | 28058 | 75400 | 26303 | 0**56 | 11321 | 3 49 |
| 51497 | 40412 | 82011 | 98502 | 29452 | 864 | 23330 | | | |
| 51406 | 24512 | 82505 | 96284 | 12251 | 865 | 64801 | 05151 | | |
| 51428 | 24612 | 93602 | 90454 | 28348 | | 13412 | | | |
| 51462 | 24212 | 13217 | 98011 | 13256 | 15400 | 00300 | | | |
| 51485 | 24912 | 02702 | 98010 | 13954 | 00 10 | 00601 | | | |
| 51387 | 75812 | 92318 | 95494 | 15660 | 9 0 | 26808 | | | |
| 51389 | 68412 | 92338 | 96636 | 08864 | 9 0 | 63814 | | | 37117 |
| 51352 | 65912 | 73610 | 98012 | 16966 | 58510 | 65112 | | 12347 | 1 502 |
| 51362 | 61012 | 83221 | 97022 | 15961 | 875 | 64314 | 0**48 | | 1 742 |
| 51300 | 42612 | 42305 | 97022 | 15266 | 45400 | 54804 | 0**63 | 12632 | 3 528 |
| 51309 | 32112 | 82906 | 98022 | 17646 | 85400 | 67102 | | | |
| 51313 | 39212 | 81101 | 97012 | 17365 | 883 | 56203 | 0**57 | 111*0 | 35176 |
| 51327 | 38612 | 80508 | 98022 | 16658 | 844 | 57824 | 0**53 | 10443 | 1 818 |
| W51330 | 35012 | 82809 | 81022 | 18462 | 855 | 00906 | 05157 | 14952 | 2420 |
| 51348 | 32312 | 42708 | 98081 | 13961 | 41400 | | | | |
| 51374 | 38612 | 82808 | 98022 | 18060 | 854 | 66603 | 0**49 | 12832 | 35299 |
| 51382 | 36112 | 70305 | 99030 | 31256 | 75600 | 2 | 0**58 | 1049* | 35562 |
| 51387 | 39412 | 70514 | 98082 | 19660 | 00920 | 743 | | 10543 | 36755 |
| 51358 | 28912 | 83205 | 97022 | 15258 | 842 | 600 | 0**53 | | 37188 |
| 51358 | 29912 | 83205 | 97022 | 15258 | 82400 | | | | |
| 51363 | 27712 | 83210 | 98022 | 14957 | 86 | 66106 | 0**50 | | 3 192 |
| 51377 | 22712 | 82913 | 97022 | 13553 | 66120 | 10132 | | | |
| 51385 | 22412 | 73314 | 98402 | 11557 | 74000 | 64604 | | | 3 371 |
| 51322 | 18512 | 82924 | 98022 | 09960 | 864 | | | | |
| 51330 | 10712 | 93213 | 97022 | 08169 | 78300 | | | | |
| 51276 | 91012 | 51416 | 98021 | 15282 | 32415 | 35305 | 0**78 | 11632 | 2 259 |
| 51278 | 94812 | 41609 | 97031 | 12281 | 32462 | 53108 | | 11522 | 27589 |
| 51287 | 90512 | 61610 | 98022 | 17382 | 42411 | 25828 | | | 27581 |
| 51256 | 88212 | 81630 | 98252 | 15677 | 00979 | 26220 | | 11625 | 11061 |
| 51260 | 74412 | 30613 | 81012 | 15975 | 34400 | | | | |
| 51220 | 52612 | 21008 | 98020 | 13576 | 21500 | 66810 | | | 1 809 |
| 51228 | 55712 | 00950 | 98020 | 13974 | 00000 | 17806 | | | |
| 51228 | 57712 | 00905 | 98020 | 13974 | 00900 | 17806 | | | |
| 51209 | 43012 | 80608 | 98205 | 13970 | 864 | 66810 | 0**69 | 10532 | 3 87 |
| 51277 | 43412 | 80910 | 98032 | 17668 | 6553 | 16606 | 0**61 | 10921 | 3 71 |
| W51280 | 45012 | 61608 | 80018 | 17370 | 65600 | 00912 | 05163 | 149** | 3 13 |
| 51296 | 43712 | 70110 | 99032 | 19668 | 74500 | 66803 | | | 5821<br>35673 |
| 51203 | 35612 | 30912 | 98022 | 15672 | 32300 | 26606 | 0**63 | 10923 | 1 629 |
| 51298 | 33212 | 70402 | 74022 | 19374 | 57500 | | | | |
| 51237 | 11412 | 93109 | 98031 | 10267 | 48570 | | | | |
| 51259 | 13812 | 83210 | 98022 | 08164 | 81560 | 35905 | 05461 | | |
| 51277 | 15312 | 83404 | 97022 | 06462 | 863 | 66300 | | | |
| 51211 | 08212 | 82802 | 98502 | 09877 | | 93 | | 12964 | 35133 |
| 51131 | 93412 | 72907 | 99022 | 11281 | 21432 | 75310 | 0**76 | 12951 | 35046 |
| 51161 | 98712 | 62902 | 99022 | 11280 | 62236 | 65300 | 0**74 | 129*0 | 26896 |
| 51198 | 96112 | 71406 | 98025 | 12579 | 59493 | 34300 | 0**79 | 11411 | 1 270 |
| 51174 | 02512 | 91414 | 95636 | 10076 | 9 0 | 33 | | 11633 | 27712 |
| 52404 | 61412 | 13014 | 97021 | 16956 | 11400 | 87000 | 0**51 | 12756 | 3 469 |
| 52414 | 68712 | 82906 | 96022 | 21250 | 66520 | | | | |
| 52430 | 60412 | 92504 | 96454 | 14951 | 9 0 | 16300 | | | 3 171 |
| 52430 | 69212 | 82916 | 97512 | 12549 | 843 | 26300 | 0**43 | 12923 | 3 54 |

| LOCATION OF SHIP AND TIME OF OBSERVATION | | TOT. CLD. AMT. AND WIND | VIS. AND WEATHER | PRESSURE AND TEMP | CLOUDS | SHIP SPEED AND PRESS. CHANGE | TEMP | WAVES | SHIP NUMBER |
|---|---|---|---|---|---|---|---|---|---|
| YQLaLaLa | LoLoLoGG | Nddff | VVwwW | PPPTT | NhCLhCMCH | DsVsapp | OTsTsTdTd | IdwdwPwHw | |
| W52480 | 62012 | 92403 | 01474 | 12040 | 9 0 | 00308 | 05140 | 149** | 5218 |
| 52430 | 74312 | 82727 | 97022 | 12048 | 895 | | | | |
| 52447 | 79612 | 82728 | 97032 | 01046 | 874 | 16814 | 0**48 | 12736 | 35124 |
| 52490 | 78412 | 91116 | 96626 | 80744 | 9 | 16300 | | 11855 | 36920 |
| 52302 | 23512 | 809 | | | | | | | |
| 52305 | 32512 | 82115 | 98622 | 08178 | 844 | 55310 | | | 37286 |
| 52310 | 34812 | 81915 | 97131 | 08180 | 63029 | 16306 | 0**79 | 11933 | 3 259 |
| 52345 | 48012 | 91510 | 97502 | 07873 | 971 | 26303 | 0**70 | 10742 | 3 411 |
| 52305 | 51512 | 12312 | 99251 | 14979 | 12401 | 65306 | 0**76 | 12433 | 2 299 |
| 52339 | 53312 | 81116 | 98602 | 13972 | 7656 | | | | |
| 52339 | 57612 | 80914 | 98022 | 12969 | 8552 | 26801 | 0**68 | 10942 | 3 323 |
| 52350 | 58412 | 81412 | 97216 | 14272 | 873 | 26310 | | | 3 602 |
| 52365 | 54512 | 81108 | 97032 | 12572 | 844 | 25806 | 0**69 | 11122 | 1 203 |
| W52390 | 53312 | 81916 | 82022 | 12864 | 21506 | 00605 | 06662 | 11733 | |
| W52310 | 64012 | 82308 | 64022 | 16579 | 855 | 00003 | 05179 | 12423 | |
| 52327 | 66612 | 62327 | 99022 | 16376 | 66300 | 63300 | | 12334 | 1 502 |
| 52354 | 62512 | 70912 | 97012 | 19268 | | | | | |
| 52281 | 16812 | 71810 | 98508 | 01782 | 5648 | 62305 | 05081 | 11832 | |
| 52236 | 19512 | 42307 | 98011 | 04479 | 00918 | | | | |
| 52247 | 19412 | 82009 | 99022 | 03775 | 17421 | | | | |
| 52204 | 22112 | 12710 | 99010 | 02785 | 11400 | 55312 | | | 1 731 |
| 52244 | 26412 | 60018 | 82182 | 12585 | 59568 | | | | |
| 52249 | 23312 | 50407 | 99022 | 06585 | 527 | | | | |
| 52255 | 20112 | 30720 | 81010 | 03479 | 37420 | | | | |
| 52268 | 29612 | 51406 | 96022 | | | | | | |
| 52270 | 28812 | 32005 | 99021 | 04074 | | 56602 | | 12021 | |
| 52285 | 23012 | 62202 | 30015 | 03174 | 21 5 | 54111 | | | |
| 52215 | 37812 | 11815 | 98011 | 12283 | 13500 | 66306 | 0**75 | 11831 | 3 169 |
| W52289 | 35012 | 11717 | 81011 | 09678 | 11500 | 00310 | 07777 | 11842 | |
| 52239 | 54312 | 10904 | 98001 | 15081 | 19400 | 34205 | | | |
| 52186 | 16612 | 42312 | 98021 | 05082 | 28608 | | | | |
| 52190 | 13612 | 51809 | 99030 | 02086 | 30970 | | | | |
| 52188 | 27812 | 81615 | 93258 | 02583 | 67327 | | | | |
| 52182 | 37512 | 71421 | 97022 | 11983 | 33 20 | 26110 | 0**76 | 11453 | 3 454 |
| 52184 | 43512 | 31106 | 98010 | 12982 | 33400 | 35310 | 0**74 | 11133 | 35506 |
| 52125 | 63612 | 30610 | 98012 | 11581 | 31400 | | | | |
| 52127 | 95912 | 82515 | 98022 | 05783 | 16570 | 4305 | | 12522 | |
| 52143 | 93412 | 82514 | 98032 | 06384 | 47684 | 14300 | | | |
| 52032 | 09012 | 62209 | 98021 | 08185 | 42 39 | 24320 | 05179 | | |
| 52038 | 59812 | 30510 | 97021 | 10081 | | | | | |
| W53659 | 62212 | 53611 | 99168 | 16607 | 3944 | 00309 | 0**06 | 13653 | |
| 53631 | 35812 | 52505 | 98021 | 14909 | | | | | |
| 53563 | 03712 | 73618 | 98022 | 14312 | | | | | |
| 53577 | 01212 | 83609 | 97022 | 17212 | | | | | |
| 53543 | 13012 | 83214 | 98502 | 17412 | 5547 | 33309 | 05207 | 13321 | |
| 53557 | 15512 | 82428 | 98166 | 09013 | | | | | |
| 53367 | 01212 | 80730 | 96022 | 23022 | 81550 | 24300 | 050** | 10742 | |
| 53397 | 01612 | 00000 | 98020 | 25123 | 00900 | 55300 | | | |
| 53353 | 17512 | 03603 | 99020 | 19380 | 00900 | 34606 | | | 2 493 |
| 53360 | 15812 | 13204 | 99021 | 09180 | 00901 | 65304 | | 13221 | 11021 |
| 53369 | 12312 | 73205 | 98032 | 19677 | 70992 | 26816 | | | |
| 53380 | 11612 | 62715 | 98031 | 20775 | 68600 | 65102 | 0**63 | 12732 | 2 248 |
| 53327 | 28612 | 03112 | 98020 | 15026 | 00900 | 65805 | | | |
| 53348 | 21212 | 03215 | 98020 | 16979 | 00900 | 66310 | 0**68 | | 1 887 |
| 53218 | 38212 | 03309 | 99000 | 07188 | 00900 | 76602 | 0**74 | 13221 | |
| 53225 | 63912 | 72422 | 99031 | 98684 | 71500 | | | | |
| 53246 | 65312 | 92318 | 97032 | 00083 | 2 40 | | | | |
| 53207 | 70212 | 82820 | 98145 | 01783 | 7 28 | | | | |
| 53195 | 38112 | 00000 | 98020 | 06102 | 00900 | 35812 | | 10121 | 1 867 |
| 53101 | 60212 | 42115 | 89021 | 01072 | 31900 | 24101 | | 12222 | |
| 53147 | 60312 | 72126 | 98032 | 08582 | 78500 | 24612 | 0**75 | 173*2 | 2 548 |
| 53175 | 67712 | 82514 | 98022 | 05184 | 3962 | 34900 | | 12546 | |
| 53129 | 74612 | 52510 | 99031 | 08584 | 59600 | 73801 | | 125** | |
| 53110 | 81012 | 42112 | 99020 | 06286 | 00910 | 84815 | | 12122 | |
| 53132 | 80512 | 81610 | 98511 | 02985 | 00001 | 14801 | | 11620 | |
| 53150 | 81712 | 21609 | 98010 | 02986 | | | | | |
| 53153 | 82712 | 12310 | 81031 | 02086 | 10820 | | | | |
| 53168 | 85412 | 22109 | 98020 | 02586 | 00001 | | | | |
| 53189 | 85712 | 42321 | 98020 | 00679 | 00901 | 54606 | | 12334 | |
| 53078 | 69312 | 82813 | 98158 | 99677 | 874 | 67608 | | 12743 | |
| 53024 | 78112 | 32716 | 98020 | 09678 | 32500 | 65503 | | 12643 | |
| 53047 | 81312 | 32624 | 99021 | 07481 | 90901 | 65310 | | 12623 | |
| 53059 | 88012 | 62716 | 99021 | 09186 | 11443 | 66304 | | | 3 18 |
| 53061 | 81712 | 12513 | 99020 | 07482 | 00908 | 63400 | | 12522 | |
| 53066 | 81912 | 41506 | 98031 | 06679 | 22509 | 84655 | | 12032 | |
| 53067 | 82012 | 52213 | 98031 | 06786 | | | | | |

June 29 1951

| LOCATION OF SHIP AND TIME OF OBSERVATION | | TOT. CLD. AMT. AND WIND | VIS. AND WEATHER | PRESSURE AND TEMP | CLOUDS | SHIP SPEED AND PRESS. CHANGE | TEMP | WAVES | SHIP NUMBER |
|---|---|---|---|---|---|---|---|---|---|
| 60727 | 57612 | 91604 | 96564 | 11238 | 9 0 | 00000 | | 1**** | 2 119 |
| 60729 | 57412 | 91603 | 97282 | 10532 | 9 0 | 00508 | 0**31 | 11632 | 3 274 |
| W60620 | 33012 | 80714 | 04454 | 07148 | 862 | 00812 | 05148 | 10622 | 701 |
| 60605 | 28712 | 91809 | 95551 | 05910 | | | | | |
| 60630 | 11312 | 81709 | 97028 | 20310 | | | | | |
| 60631 | 10712 | 81705 | 97022 | 20810 | 855 | | | | |
| 60634 | 11412 | 81809 | 97022 | 20811 | | | | | |
| 60638 | 12512 | 62109 | 98031 | 19511 | | | | | |
| 60612 | 05912 | 82107 | 97022 | 24008 | 855 | 44400 | 05205 | 10331 | |
| 60520 | 54012 | 83219 | 96402 | 13941 | 853 | 15300 | 0**41 | 13231 | |
| W60565 | 51012 | 70317 | 80024 | 12247 | 72500 | 00315 | 00243 | 10333 | 1102 |
| W60516 | 38312 | 22224 | 80012 | 06258 | 22400 | 15314 | 05249 | 12133 | 1700 |
| W60528 | 35512 | 22124 | 80016 | 08559 | 00970 | 00411 | 00551 | 11938 | 1203 |
| 60543 | 27212 | 72708 | 98402 | 16764 | 62581 | 15325 | | 12622 | 2 595 |
| 60586 | 25012 | 82310 | 96204 | 10053 | 85500 | | | | |
| 60514 | 13412 | 20303 | 98030 | 26315 | 15441 | 64311 | 05112 | 12856 | |
| W60525 | 19812 | 72118 | 97024 | 23459 | 766 | 00302 | 00058 | 12343 | |
| 60531 | 18812 | 82313 | 97152 | 23462 | 967 | 16304 | 0**59 | | 1 103 |
| 60549 | 17512 | 81809 | 97400 | 22125 | 786 | 24305 | 05057 | | |
| W60586 | 17412 | 81719 | 84284 | 16655 | 864 | 32708 | 05505 | 11823 | |
| 60566 | 03012 | 83413 | 98022 | 21810 | | | | | |
| 60402 | 64112 | 50610 | 97010 | 148 | 55400 | 25322 | | | |
| 60404 | 65112 | 80710 | 98012 | 13968 | 8143 | 25320 | 0**63 | 10743 | 1 468 |
| 60409 | 63212 | 80210 | 98012 | 18967 | 856 | 26310 | | | |
| 60424 | 60012 | 80517 | 98012 | 16659 | 62442 | 16330 | | | |
| 60490 | 62412 | 13109 | 98000 | 16053 | 11500 | 64110 | 00148 | | |
| 60410 | 57612 | 80315 | 97088 | 12189 | 854 | 24110 | | | |
| 60412 | 56912 | 70323 | 98022 | 11366 | 75510 | 26409 | 0**61 | 10324 | |
| 60422 | 54212 | 70518 | 98022 | 10258 | 72600 | 25308 | | | 1 799 |
| 60438 | 58812 | 13408 | 98010 | 16352 | 14200 | 56318 | 0**50 | 10023 | 16303 |
| 60453 | 53812 | 50316 | 99012 | 15249 | 54500 | 14314 | 0**33 | 10332 | 3 452 |
| 60456 | 58312 | 22702 | 80080 | | | | | | |
| W60458 | 50612 | 83406 | 80032 | 13248 | 855 | 25312 | 00245 | 13322 | 2200 |
| 60402 | 41912 | 42010 | 98021 | 17679 | 00958 | 26102 | | | 1 989 |
| 60403 | 47312 | 91913 | 92252 | | | | | | |
| 60406 | 46712 | 91820 | 96535 | 12267 | | 16808 | 0**67 | 11823 | 1 883 |
| 60426 | 45112 | 90505 | 96596 | 09553 | 9 0 | 57300 | | | 1 21 |
| 60429 | 42512 | 71709 | 98031 | 15868 | 71660 | 08300 | | | |
| 60434 | 42512 | 42213 | 98021 | 15065 | 22580 | 55608 | 01562 | 12222 | |
| W60440 | 41012 | 61917 | 80021 | 16565 | 00959 | 00906 | 00061 | 11932 | 904 |
| 60458 | 45212 | 83407 | 97216 | 12550 | 853 | 65105 | 0**50 | 12633 | |
| 60476 | 48412 | 83210 | 98404 | 09848 | 86 | 65927 | | 149** | 35669 |
| 60419 | 36912 | 82014 | 94465 | 21769 | 67171 | 65610 | | | |
| 60453 | 34512 | 82907 | 98022 | 20063 | 853 | 16303 | | | 1 210 |
| 60470 | 36312 | 22018 | 98011 | 15763 | 15509 | 68610 | | 12344 | |
| 60478 | 32512 | 71907 | 98016 | 17960 | 00978 | 64604 | 0**54 | 12252 | |
| 60498 | 31012 | 82310 | 98011 | 17659 | 6631 | 6681 | 0**57 | 15247 | 1 352 |
| 60402 | 29912 | 71002 | 98020 | 27167 | 42 01 | 24301 | 05162 | 11131 | |
| 60481 | 23012 | 62018 | 98021 | 26165 | 42460 | 26310 | | | 1 934 |
| 60490 | 22312 | 71910 | 98022 | 26462 | 74711 | 26102 | 0**65 | 11943 | 27488 |
| W60450 | 16012 | 83608 | 98022 | 28618 | 855 | 00300 | 0**16 | | |
| 60458 | 16112 | 82805 | 98022 | 28119 | 855 | 54304 | | | |
| 60489 | 11412 | 73511 | 08222 | 44758 | 87400 | 26902 | 05256 | 12732 | |
| 60489 | 18112 | 80000 | 97022 | 27867 | 7642 | 26302 | 0**58 | | 3 472 |
| 60492 | 12512 | 73408 | 90012 | 30019 | 65500 | 15302 | | | |
| 60400 | 09812 | 03524 | 98050 | 20064 | 00900 | 85802 | 0**58 | 13633 | 16381 |
| 60401 | 09612 | 0352 | 97020 | 19418 | 00000 | 85602 | | | |
| 60469 | 05912 | 83114 | 98202 | 21468 | 813 | 57102 | 00058 | 131** | |
| 60482 | 08912 | 83209 | 98022 | 22068 | 855 | 53005 | | 129*1 | 27634 |
| 60488 | 07212 | 80510 | 9 205 | 21760 | 832 | 45310 | 0**58 | 10522 | 27065 |
| 60493 | 05012 | 40503 | 97014 | 22762 | 41370 | 15302 | 0**55 | 10154 | 2 686 |
| 60496 | 08812 | 33609 | 98011 | 24016 | | | | | |
| 60498 | 04512 | 70908 | 96014 | 22460 | 73000 | 65302 | | 10911 | |
| 60499 | 04912 | 40306 | 99021 | 21817 | 12935 | 66310 | 006** | 103*1 | |
| 60308 | 79512 | 32510 | 98011 | 16685 | 31400 | 16300 | 0**78 | 12500 | 1 842 |
| 60318 | 76712 | 42318 | 98032 | 18383 | 43743 | 55116 | | 12333 | |
| 60387 | 73812 | 12308 | 97052 | 19080 | 11400 | 86306 | | 12333 | 1 911 |
| 60387 | 77212 | 51812 | 97021 | 17383 | 31470 | 16300 | | 11822 | 1 892 |
| 60330 | 72912 | 32514 | 97011 | 19081 | 16440 | 84112 | 0**77 | 12534 | 2 549 |
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| 60353 | 74412 | 62507 | 98022 | 14280 | 00978 | 86910 | | | 11324 |
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| 60331 | 11512 | 63610 | 98032 | 15970 | 64700 | 65303 | | 13622 | 27762 |
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| 60373 | 12212 | 83516 | 98022 | 210 | 4456 | 64312 | | | |
| 60322 | 09612 | 03604 | 95011 | 25017 | 00900 | 34300 | | | |
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| 60372 | 09112 | 73512 | 90022 | 18564 | 84400 | 45300 | 00359 | 13435 | |
| 60215 | 84112 | 11412 | 99021 | 15282 | 11300 | 26300 | | | |
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| 60269 | 89012 | 51014 | 97051 | 17680 | 00913 | 74310 | | | 1 900 |
| 60273 | 87012 | 61114 | 98022 | 17382 | 15581 | 46303 | | | 2 455 |
| 60274 | 89912 | 71419 | 98032 | 15984 | 55510 | 35316 | 0**79 | 11464 | 16811 |
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June 29 1951

## SURFACE MARINE DATA

| Location of ship and time of observation | | Tot. cld. amt. and wind | Vis. and weather | Pressure and temp. | Clouds | Ship speed and press. change | Temp. | Waves | Ship number |
|---|---|---|---|---|---|---|---|---|---|
| $YQL_aL_aL_a$ | $L_oL_oL_oGG$ | Nddff | VVwwW | PPPTT | $N_hC_Lh C_MC_H$ | $D_sV_s a pp$ | $0 T_sT_sT_dT_d$ | $I d_wd_wP_wH_w$ | |
| 60263 | 74318 | 11005 | 99010 | 20388 | 11000 | 85310 | | | 1 143 |
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| 60267 | 70712 | 11410 | 98010 | 22482 | 11100 | 85305 | | 11432 | |
| 60277 | 79712 | 11404 | 98011 | 18681 | 11600 | 86308 | | | 1 148 |
| 60281 | 78312 | 22006 | 98020 | 16682 | 21200 | 55310 | 0**77 | 12021 | |
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| 60267 | 62312 | 52307 | 98158 | 23081 | 425 | 85120 | 00073 | | |
| 60280 | 64312 | 30000 | 99030 | 80 | 31300 | | | | |
| 60280 | 69512 | 22303 | 98111 | 21383 | 21400 | 54000 | | | |
| 60214 | 54012 | 40 08 | 97011 | 21028 | 41500 | 14110 | | | |
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| 60256 | 46112 | 11305 | 98020 | 23480 | 11700 | 53605 | | | |
| 60268 | 34812 | 23310 | 99020 | 07188 | 00410 | 76607 | 0**73 | 13321 | |
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| 60166 | 72512 | 70913 | 97022 | 17680 | 76300 | 74308 | | 10734 | 16395 |
| 60173 | 76912 | 40721 | 97011 | 15984 | 21300 | 76312 | | 10734 | 1 282 |
| 60156 | 64312 | 60818 | 97022 | 16383 | 32510 | 84220 | 0**76 | 1**** | 2 558 |
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| 60168 | 68712 | 80915 | 97022 | 15983 | 22567 | 84314 | 0**76 | 10822 | 11062 |
| 60179 | 67512 | 60917 | 98021 | 18384 | 22606 | 36320 | 0**76 | 10923 | 2 218 |
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| 60005 | 87212 | 60410 | 98022 | 11982 | 11348 | 77300 | | | |
| 60084 | 86212 | 92705 | 97622 | 10579 | | 36802 | | | 35209 |
| 60098 | 79312 | 80720 | 98252 | 09878 | 67252 | 25203 | | 10723 | 15601 |
| 60073 | 53312 | 80512 | 98022 | 15276 | 872 | 76310 | | | 1 330 |
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| 60005 | 18812 | 81223 | 98022 | 20066 | 8245 | 65301 | 0**58 | 11255 | 27469 |
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| 61506 | 70812 | 82515 | 98022 | 98347 | 813 | 26338 | | 12354 | 36920 |
| 61534 | 64812 | 81417 | 97055 | 04047 | 83 | 64835 | | | |
| 61541 | 65712 | 81920 | 98515 | 02747 | 8742 | 00303 | | | |
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| 61470 | 50612 | 61506 | 91464 | 28551 | 65500 | 75300 | | 11732 | 35694 |
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| 61406 | 44712 | 81413 | 99012 | 24463 | 88 | 643 | | 11443 | 36755 |
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| 61428 | 24612 | 92002 | 90454 | 13250 | | | | | |
| 61462 | 24212 | 91512 | 90480 | 13951 | | | | | |
| 61485 | 24912 | 00709 | 98000 | 15655 | | | | | |
| 61319 | 72412 | 10000 | 99020 | 20070 | 00905 | 65302 | | | |
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| 61366 | 46012 | 11005 | 99011 | 20066 | 14400 | 66607 | 0**60 | 10933 | 35299 |
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| 61318 | 22112 | 83521 | 98022 | 12658 | 854 | 313 | | | |
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| 61377 | 22712 | 82513 | 98022 | 15554 | 80420 | 13232 | | | |
| 61383 | 24312 | 83212 | 97022 | 15656 | 85 | 26300 | | | 3 476 |
| 61320 | 17512 | 82307 | 98022 | 10260 | 8 8 | 44302 | 0**58 | 123*1 | 37440 |
| 61323 | 18012 | 83110 | 97052 | 10661 | 964 | | | | |
| 61246 | 95312 | 51511 | 98031 | 11281 | 33271 | 53300 | | 11422 | 27589 |
| 61249 | 96512 | 50201 | 99010 | 13281 | 46360 | 14200 | 0**76 | | 27741 |
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| 61274 | 75412 | 20711 | 98021 | 16975 | 21800 | | | | |
| 61240 | 69212 | 30718 | 80012 | 15277 | 31600 | | | | |
| 61213 | 50112 | 01106 | 99000 | 12976 | 00900 | 66818 | 0**70 | 11032 | 3 71 |
| 61259 | 50412 | 81612 | 98032 | 13972 | 825 | 16006 | | | |
| 61244 | 43812 | 21109 | 81021 | 19372 | 24500 | | | | |
| 61260 | 47212 | 21415 | 98021 | 14673 | 22500 | 17000 | | | 3 87 |
| 61265 | 49412 | 71816 | 98505 | 13572 | 35 09 | 16610 | 0**66 | | 37149 |
| ■61280 | 45012 | 31316 | 80021 | 17770 | 11506 | 00807 | 05062 | 149** | 5821 |
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| 61283 | 40512 | 72504 | 98031 | 18368 | 64460 | 67812 | | | |
| 61285 | 45812 | 51810 | 97021 | 16371 | 54401 | 56609 | 0**63 | 11821 | 35176 |
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| 61253 | 15912 | 61824 | 98022 | 12875 | 55400 | 55820 | | | |
| 61277 | 15412 | 83209 | 98022 | 11563 | 48470 | | | | |
| 61221 | 09312 | 81806 | 99032 | 12372 | 81400 | 35323 | 05177 | | |
| 61145 | 97212 | 82706 | 99022 | 10079 | 32468 | 35 | | 12522 | |
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| 62456 | 17812 | 83216 | 97022 | 12547 | 86300 | 26300 | | | |
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| 62407 | 59212 | 81407 | 96102 | 07961 | 80910 | | | | |
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| 62326 | 34312 | 32018 | 98022 | 02676 | 9 7 | 54308 | 00176 | | |
| 62323 | 45312 | 92510 | 97472 | 13575 | 9 0 | 75802 | 0**74 | 12734 | 2 299 |
| 62355 | 44012 | 82518 | 70022 | 11573 | 64560 | | | | |
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| 62351 | 58012 | 42816 | 97021 | 12072 | | | | | |
| 62375 | 52212 | 92220 | 90628 | 06472 | | 57815 | 0**69 | 11833 | 3 469 |
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| 62326 | 61912 | 42721 | 98011 | 13276 | 46300 | 63606 | | 14964 | 1 502 |
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| 62387 | 61112 | 81615 | 97032 | 08568 | 864 | 15806 | 0**63 | 11433 | 1 203 |
| 62216 | 19812 | 82102 | 97628 | 09683 | 4835 | 74303 | 05381 | 1233* | |
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| 62221 | 15112 | 60708 | 96202 | 01582 | 5563 | | | | |
| 62236 | 19512 | 41903 | 98021 | 04681 | 00978 | | | | |
| 62240 | 26512 | 30221 | 98026 | 02782 | 32600 | 16309 | | | 1 208 |
| 62240 | 27712 | 61410 | 95022 | 01986 | 34572 | | | | |
| 62252 | 21012 | 20405 | 82020 | 03479 | 21 | 54607 | 05375 | | |
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| 62260 | 24812 | 10212 | 98021 | 02083 | 20711 | | | | |
| 62272 | 27812 | 71804 | 91639 | 07180 | | 55206 | | | 37286 |
| 62279 | 29612 | 81419 | 50212 | 14081 | 85590 | | | | |
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| 62165 | 26012 | 82110 | 75022 | 07081 | 8755 | | | | |
| 62175 | 24112 | 82120 | 95132 | 98584 | | | | | |
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| 63096 | 65112 | 22313 | 90020 | 09029 | 22500 | 24001 | | 12133 | |
| 63099 | 62512 | 42317 | 99021 | 96582 | 41500 | 26630 | | | |
| 63017 | 73212 | 52514 | 98020 | 09029 | 22471 | 65653 | | 12532 | |
| 63060 | 82512 | 22425 | 99021 | 05884 | 00900 | 66302 | | | 3 18 |

June 30 1951

| Location of ship and time of observation | | Tot. cld. amt. and wind | Vis. and weather | Pressure and temp. | Clouds | Ship speed and press. change | Temp. | Waves | Ship number |
|---|---|---|---|---|---|---|---|---|---|
| 70728 | 57712 | 90902 | 95454 | 11539 | 9 0 | 00000 | | 109** | 2 119 |
| 70728 | 57812 | 90901 | 97454 | 10842 | 9 0 | 00207 | 0**37 | 100*0 | 3 274 |
| 70729 | 57512 | 90800 | 94454 | 10239 | 9 0 | 00304 | 0**37 | | 3 657 |
| ■70620 | 33012 | 83314 | 64026 | 01349 | 7642 | 00902 | 00048 | 11633 | 701 |
| 70623 | 19112 | 63205 | 97031 | 10911 | | | | | |
| 70631 | 12512 | 81813 | 92454 | | | | | | |
| 70637 | 12512 | 81909 | 93414 | 10109 | | | | | |
| 70602 | 04012 | 81713 | 96022 | 22211 | | | | | |
| 70607 | 01812 | 81805 | 98022 | 22011 | | | | | |
| ■70565 | 51012 | 82116 | 80022 | 16545 | 854 | 00300 | 05141 | 12433 | 1102 |
| 70526 | 48512 | 61702 | 98012 | 18051 | 64300 | 26305 | 00144 | | |
| 70531 | 45812 | 83408 | 98022 | 19250 | 854 | 25315 | 0**45 | 10232 | |
| 70546 | 44912 | 73318 | 98022 | 17246 | 765 0 | 67320 | 05242 | | |
| ■70513 | 39612 | 33311 | 80021 | 15855 | 22570 | 56113 | 05348 | 12723 | 1200 |
| ■70528 | 35512 | 62418 | 80152 | 13656 | 65500 | 00313 | 00252 | 12232 | 1703 |
| ■70528 | 35512 | 16241 | 88015 | 21365 | 66550 | 00031 | 0**3* | | |
| ■70535 | 20012 | 82150 | 97216 | 12358 | 4642 | 00705 | 00158 | 12134 | |
| 70500 | 10712 | 23005 | 99020 | 30167 | 20700 | 66308 | | 13032 | 1 92 |
| 70500 | 15012 | 91806 | 58012 | 29518 | 00930 | 66300 | | | |

## SURFACE MARINE DATA

| Location of ship and time of observation | | Tot. cld. amt. and wind | Vis. and weather | Pressure and temp. | Clouds | Ship speed and press. change | Temp. | Waves | Ship number |
|---|---|---|---|---|---|---|---|---|---|
| $YQL_aL_aL_a$ | $L_oL_oL_oGG$ | Nddff | VVwwW | PPPTT | $N_hC_Lh C_MC_H$ | $D_sV_s a pp$ | $0 T_sT_sT_dT_d$ | $I d_wd_wP_wH_w$ | |
| 70507 | 12212 | 52304 | 99012 | 30168 | 55500 | | | | |
| 70567 | 17712 | 92008 | 95554 | 19260 | 9 0 | 15311 | | 12232 | 2 595 |
| 70573 | 13012 | 82014 | 95411 | 21156 | 864 | 2 203 | 05054 | 12533 | |
| 70587 | 17212 | 81410 | 98021 | 16555 | 85500 | 24300 | | | |
| ■70587 | 18512 | 82221 | 97032 | 15655 | 862 | 62714 | 00154 | 12333 | |
| 70592 | 16112 | 81913 | 98022 | 16457 | 834 | 65300 | 00255 | | |
| 70503 | 04612 | 81718 | 97622 | 22211 | | | | | |
| 70584 | 00812 | 81909 | 96032 | 24711 | 865 | 34303 | 9 | 11821 | |
| 70590 | 04612 | 82313 | 96512 | 23655 | 8732 | | | | |
| 70598 | 03412 | 81905 | 97022 | 23111 | 3552 | | | | |
| 70400 | 68112 | 60909 | 40482 | | | | | | |
| 70406 | 66912 | 80909 | 97054 | 12474 | 16272 | 308 | | | |
| 70407 | 63612 | 71003 | 98032 | 15667 | 76400 | 25310 | | 11021 | 1205 |
| 70406 | 57712 | 51210 | 98022 | 174 | 54400 | 25409 | | | |
| 70408 | 56512 | 60906 | 99011 | 17368 | 61441 | 25312 | 0**57 | 10923 | 1 468 |
| 70410 | 57012 | 81409 | 99022 | 17367 | 846 | 26310 | | | 15103 |
| 70412 | 55912 | 40309 | 98011 | 17364 | 21470 | 67406 | | | 1 21 |
| 70414 | 51012 | 80410 | 97022 | 19613 | 854 | 24115 | 066** | 10422 | |
| 70415 | 56112 | 31607 | 98011 | 18268 | 34400 | 23200 | 05556 | | |
| 70417 | 54212 | 80708 | 99022 | 14764 | 845 | 26321 | | | |
| 70418 | 57512 | 20405 | 98011 | 17366 | 25400 | | | | |
| 70420 | 55712 | 80905 | 98022 | 18663 | 8752 | 28305 | | | |
| 70448 | 53412 | 80506 | 98502 | 21047 | 854 | 65314 | 0**46 | 10322 | |
| 70465 | 53212 | 71406 | 98032 | 23449 | 74300 | 16309 | | | |
| 70468 | 57112 | 82202 | 99030 | 17655 | 10 61 | 76300 | | 1**** | 35669 |
| 70414 | 49412 | 80410 | 98022 | 16551 | 85500 | 65325 | 00451 | 10232 | |
| 70416 | 43612 | 83412 | 97424 | 14667 | 69370 | 65318 | | | |
| 70432 | 48512 | 80416 | 97022 | 18349 | 862 | 26408 | 0**46 | 10423 | |
| 70433 | 49112 | 80314 | 98022 | 18848 | 864 | 58121 | | | |
| 70435 | 46712 | 70516 | 98022 | 15954 | 73500 | 25308 | | | 1 799 |
| 70438 | 40512 | 81709 | 97102 | 08068 | | | | | |
| ■70443 | 43412 | 83517 | 64026 | 13962 | 854 | 62315 | 05358 | 13633 | 900 |
| ■70444 | 43312 | 80420 | 55025 | 13168 | 863 | 22307 | 00260 | 10434 | 2204 |
| 70403 | 32312 | 71815 | 98022 | 22075 | 00908 | 26102 | | | 1 989 |
| 70442 | 38012 | 81815 | 96626 | 08865 | 87 | 16803 | 0**65 | 11822 | 1 883 |
| 70463 | 38512 | 81403 | 98022 | 12566 | 3441 | 66810 | 0**60 | 11844 | 1 352 |
| 70465 | 38912 | 81007 | 98022 | 12764 | 885 | 64906 | 0**61 | 12431 | |
| 70427 | 21512 | 30000 | 98011 | 28021 | 32400 | 54604 | | | |
| 70465 | 23812 | 22007 | 98021 | 27619 | | | | | |
| 70465 | 28912 | 81007 | 98022 | 12718 | 885 | 64906 | 00116 | 12431 | |
| 70477 | 23112 | 11812 | 99012 | 27169 | 12300 | 16104 | | | 1 210 |
| ■70450 | 16012 | 70610 | 97035 | 29417 | 785 | 00300 | 0**14 | | |
| ■70450 | 16012 | 70610 | 97035 | 20417 | 785 | 60300 | 05415 | 10433 | |
| 70465 | 14012 | 80506 | 98022 | 28472 | 7353 | 54317 | | 132*1 | 27634 |
| 70476 | 16712 | 30000 | 97012 | 30523 | | | | | |
| 70494 | 13212 | 80000 | 98022 | 29561 | 843 | 26307 | | | 1 934 |
| 70495 | 17912 | 71605 | 98022 | 27864 | 72300 | 66302 | | | 1 320 |
| 70496 | 13612 | 91608 | 97052 | 30164 | 9 0 | 65302 | | 11611 | |
| 70497 | 10212 | 73204 | 98030 | 30564 | 744 | 24310 | | | |
| 70498 | 12312 | 20000 | 98012 | 30163 | 22600 | 26300 | 0**56 | 100*0 | 27488 |
| 70422 | 08012 | 40318 | 98021 | 25762 | 41460 | 15306 | 0**59 | 10323 | 16381 |
| 70430 | 09512 | 20510 | 98011 | 19062 | 00901 | 45836 | 0**59 | 10523 | 27065 |
| 70436 | 09312 | 10842 | 98011 | 21818 | 28300 | 55816 | | | |
| 70449 | 08212 | 70215 | 98022 | 23818 | 772 | 15302 | | | |
| 70453 | 07812 | 60208 | 96202 | 21519 | 73001 | 84301 | | | |
| 70464 | 06612 | 70200 | 96022 | 26018 | 884 | 15310 | | | |
| 70471 | 06312 | 50310 | 97051 | 26020 | 34500 | 56304 | 00719 | 10431 | |
| 70477 | 07512 | 00416 | 98000 | 28164 | 00900 | 46906 | | | |
| 70483 | 09312 | 00309 | 99020 | 33164 | 00900 | 54300 | 00655 | 14921 | |
| 70484 | 05512 | 02316 | 98020 | 30263 | 00900 | 85202 | 0**60 | 10821 | |
| 70302 | 77712 | 52405 | 99148 | 18080 | 43473 | 43106 | | 12421 | 27662 |
| 70304 | 79612 | 42310 | 99021 | 16381 | 32305 | 86200 | 0**76 | 12321 | |
| 70311 | 74412 | 52116 | 98020 | 19382 | 22431 | 46314 | 0**74 | 12123 | 1 601 |
| 70313 | 71212 | 32316 | 98011 | 18079 | 31400 | 47120 | 0**76 | 12521 | 11218 |
| 70314 | 78812 | 82419 | 98151 | 15284 | 43463 | 17202 | | 12423 | 11061 |
| 70322 | 72812 | 42510 | 98031 | 19380 | 32320 | 85402 | | 12556 | |
| 70324 | 75012 | 72214 | 97050 | 18387 | 00 49 | 85301 | | | 1 143 |
| 70331 | 76812 | 21716 | 98020 | 154 | 12530 | 17603 | | 11720 | |
| 70338 | 75812 | 62215 | 98151 | 18383 | 33364 | 16302 | 0**79 | 12243 | 27428 |
| 70343 | 75412 | 42320 | 97051 | 14684 | 42601 | 45310 | | 12323 | 27481 |
| 70345 | 75412 | 42418 | 98051 | 15982 | 26311 | 16604 | 0**79 | 12421 | 27796 |
| 70362 | 75112 | 71806 | 99032 | 13274 | 66702 | 45318 | 0**70 | 11811 | 27728 |
| 70363 | 74812 | 22180 | 20801 | 01557 | 40061 | 04510 | 0**07 | 14*** | 2 433 |
| 70365 | 72712 | 12505 | 99011 | 13274 | 00901 | 46310 | | | 1 432 |
| 70366 | 75512 | 20203 | 98011 | 11976 | 11421 | 75606 | 0**73 | 10211 | 1 842 |
| 70368 | 74012 | 22207 | 97012 | 12272 | 00040 | 46310 | | | |
| 70369 | 74812 | 71608 | 97022 | 13272 | 35 9 | | | | |
| 70372 | 73112 | 42511 | 97014 | 13573 | | | | | |
| 70372 | 73512 | 82016 | 97031 | 11972 | 55420 | 46300 | | | |
| 70376 | 74512 | 60080 | 97051 | 10575 | 45410 | 45302 | 0**72 | 100*0 | 37044 |
| 70379 | 72512 | 22904 | 47010 | 12324 | 30980 | 36312 | 001** | 12031 | |
| 70380 | 72512 | 22904 | 97010 | 123 | 00980 | 36312 | | 12031 | |
| 70385 | 74712 | 80706 | 92281 | 12269 | 844 | 74804 | | 10922 | 16206 |
| 70391 | 73112 | 80909 | 40444 | | | | | | |
| 70303 | 64512 | 12806 | 98020 | 24481 | 11300 | 85302 | | 12921 | |
| 70322 | 62612 | 42809 | 96050 | 20778 | 46500 | 85300 | 05266 | 12522 | |
| 70332 | 69412 | 25079 | 70210 | 07802 | 34006 | 63020 | 0**62 | 1542* | 11084 |
| ■70367 | 69612 | 62112 | 80016 | 13578 | 60790 | 00603 | 00375 | 12131 | 508 |
| 70370 | 67512 | 16507 | 98001 | 15026 | 65688 | 34300 | 002** | 12532 | |
| 70383 | 66012 | 71708 | 97022 | 16028 | 60870 | 24300 | 011** | | |
| 70390 | 62212 | 62010 | 97102 | 14678 | 64410 | 26310 | 0**74 | 14932 | 35419 |
| 70321 | 54612 | 23108 | 98012 | 19825 | 24403 | 54112 | | | |
| 70332 | 54312 | 72305 | 97021 | 19075 | 63530 | 36602 | 0**74 | 12320 | 1 504 |
| 70336 | 56612 | 62721 | 98022 | 20376 | | 65318 | 0**73 | 12736 | 26830 |
| 70358 | 50612 | 82415 | 98002 | 16673 | 872 | 64306 | 0**70 | 12444 | 17926 |
| 70359 | 53312 | 82509 | 97022 | 17675 | 842 | 63108 | 0**72 | 12732 | 2 70 |
| 70366 | 55012 | 72412 | 96212 | 66525 | 71701 | 64130 | 002** | 12622 | |
| 70308 | 59312 | 52109 | 96101 | 19379 | 56300 | 24300 | 0**75 | 12032 | 1 441 |
| 70312 | 49912 | 32204 | 98010 | 21525 | 22509 | | 00221 | 12520 | |
| 70344 | 47612 | 52321 | 97032 | 19075 | 54300 | 55600 | 0**73 | 12722 | 2 292 |
| 70349 | 44312 | 62214 | 98031 | 18126 | 22310 | 15902 | 00522 | 12742 | |
| 70350 | 46512 | 62316 | 98052 | 16975 | 47120 | 55601 | 0**74 | 12312 | 2 271 |
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| 70364 | 42512 | 82320 | 98021 | 18072 | 5548 | 65806 | 0**71 | | 3 99 |
| 70376 | 42112 | 81911 | 97055 | 14771 | 866 | 54907 | 00699 | | |
| 70385 | 43112 | 82314 | 97602 | 12520 | 87300 | 64803 | 051** | 12032 | |
| 70390 | 43012 | 92411 | 97022 | 13571 | 94400 | 26313 | | | |
| 70391 | 43112 | 62512 | 97205 | 12572 | 64500 | 26303 | | | 11334 |
| 70398 | 43012 | 92011 | 97022 | 13571 | 954 | 26312 | 0**70 | 12343 | 1 58 |
| 70390 | 36012 | 71812 | 99022 | 22470 | 76660 | 24316 | | 11823 | 29925 |
| 70385 | 20112 | 40215 | 99031 | 26872 | 00989 | 24702 | 0**71 | 10623 | 27696 |
| 70321 | 18312 | 50311 | 98022 | 18670 | 54700 | 65300 | | 10322 | 27762 |
| 70328 | 13812 | 80413 | 98222 | 18773 | 857 | 44300 | 00361 | 10254 | |
| 70366 | 12312 | 80116 | 98032 | 19420 | 854 | 44501 | 00316 | 10144 | |
| 70371 | 10712 | 60013 | 98022 | 17521 | 6858 | | | | |
| 70374 | 11712 | 73518 | 97022 | 18166 | 75700 | 88901 | 05227 | | |
| 70390 | 17312 | 60113 | 97165 | 246 | 63400 | 64303 | | | |
| 70348 | 07012 | 82108 | 97032 | 15123 | 863 | 55604 | | | |
| 70363 | 00312 | 70310 | 96032 | 17819 | 526 | 15804 | | | |
| 70369 | 09012 | 71008 | 96032 | 15919 | 752 | 34301 | | | |
| 70396 | 09612 | 03108 | 96001 | 6518 | 00900 | 85103 | | | |
| 70206 | 83012 | 30916 | 97011 | 16685 | 22441 | 76306 | | 10922 | 1 282 |
| 70210 | 84812 | 31415 | 98021 | 14683 | 19309 | 36301 | | | 2 455 |
| 70243 | 82612 | 21310 | 98031 | 18082 | 21460 | 25310 | | 11331 | 2 295 |
| 70244 | 82412 | 61603 | 99030 | 14282 | 62200 | 65306 | 0**79 | 11621 | |
| 70246 | 84412 | 30615 | 99011 | 18082 | 33400 | 15302 | 0**78 | 10611 | 2 141 |
| 70248 | 84312 | 21107 | 99011 | 16980 | 11440 | 66302 | | 11121 | 1 952 |
| 70250 | 84012 | 41109 | 98020 | 15982 | 44500 | 35802 | 0**77 | 11532 | 16211 |
| 70258 | 85412 | 31411 | 99011 | 15683 | 22401 | 74816 | | 11422 | 27280 |
| 70262 | 88112 | 31407 | 98021 | 18382 | 24361 | 34312 | 0**79 | 11434 | |
| 70266 | 87112 | 61215 | 99030 | 15286 | 62400 | 76300 | 0**81 | 11232 | 27103 |
| 70273 | 88012 | 31815 | 98141 | 15282 | 32500 | 74302 | | 11833 | |
| 70275 | 87212 | 51710 | 99011 | 15282 | 52339 | 46310 | 0**75 | 11721 | 3 359 |
| 70278 | 87412 | 31507 | 99011 | 15684 | 31360 | 36302 | | 11433 | 1 111 |
| 70283 | 88712 | 51506 | 98021 | 15282 | 22650 | 35102 | 0**78 | 11522 | 17705 |
| 70206 | 72912 | 60919 | 98031 | 17282 | 22631 | 304 | 00278 | 10932 | |
| 70214 | 78812 | 82419 | 98151 | 15284 | 43463 | 17202 | | | |
| 70218 | 74312 | 11110 | 97019 | 18380 | 11301 | 46300 | 0**78 | | 11338 |
| 70258 | 70712 | 30405 | 81021 | 19682 | 11430 | | | | |
| 70273 | 70412 | 32204 | 98011 | 20784 | 32400 | 35300 | | 12211 | 27677 |
| 70284 | 79712 | 41908 | 99021 | 18681 | 18 81 | 87306 | | | 1 724 |
| 70209 | 68712 | 80907 | 98054 | 18683 | 22567 | 84318 | 0**76 | 10911 | 11062 |
| 70210 | 67012 | 41110 | 98021 | 19676 | 48400 | 84102 | | 11153 | 16213 |
| 70215 | 64412 | 20910 | 98011 | 20084 | 22500 | 85220 | 0**76 | 1**** | 2 558 |
| 70218 | 63712 | 11309 | 81051 | 16000 | 11400 | 45100 | 00174 | 11323 | |
| 70238 | 66912 | 30906 | 99051 | 20382 | 11431 | 46302 | | | 1 558 |
| 70280 | 69212 | 10000 | 98020 | 21085 | 12500 | 76312 | 0**76 | | 11052 |
| 70291 | 68812 | 02702 | 99011 | 21380 | 00900 | 52002 | 0**74 | 12732 | 17605 |
| 70296 | 69712 | 32902 | 98030 | 22080 | 32400 | 86300 | 0**78 | 129*0 | 1 498 |
| 70240 | 50912 | 20810 | 97040 | 08629 | 23600 | 14409 | 004** | 10821 | |
| 70294 | 55512 | 20000 | 99020 | 22380 | 22700 | 16105 | 05168 | | |
| 70217 | 42712 | 20720 | 98021 | 19079 | 21400 | 76302 | 0**69 | 10733 | 11323 |
| 70253 | 43412 | 30910 | 98021 | 20782 | 32500 | 76302 | | | 11148 |
| 70275 | 47012 | 30000 | 97020 | 21028 | 31120 | 56300 | | | |
| 70218 | 39012 | 21106 | 99011 | 19082 | 22400 | 86216 | | 11132 | 1 944 |
| 70110 | 80112 | 83615 | 98818 | 09581 | 872 | 85402 | 0**74 | | 2 124 |
| 70143 | 80812 | 50820 | 97251 | 11981 | 45210 | 86304 | | | 2 27 |
| 70175 | 82312 | 61610 | 98032 | 14282 | 64360 | 36202 | | 11132 | 2 128 |
| 70182 | 83012 | 21116 | 98011 | 15982 | 12601 | 54300 | 0**77 | 11143 | 2 428 |
| 70189 | 83012 | 30916 | 97011 | 16685 | 22441 | 76306 | | | |
| 70191 | 86812 | 31312 | 97021 | 14683 | 22710 | 85302 | | | 2 232 |
| 70113 | 79112 | 70920 | 97156 | 09581 | 67570 | 14303 | 0**80 | 10654 | 3 584 |
| 70115 | 77212 | 60616 | 99182 | 08782 | 5951 | 14805 | 05275 | 10633 | |
| 70117 | 71012 | 60920 | 98052 | 12580 | 11530 | 15320 | | 10955 | 2 329 |
| 70125 | 78312 | 70618 | 98808 | 08882 | 58411 | 15103 | | | 1 59 |
| 70126 | 78512 | 70524 | 98012 | 09381 | 45750 | 85300 | 05578 | 10558 | |
| 70179 | 75012 | 41315 | 97031 | 14983 | 42400 | 55310 | 0**78 | 11333 | |
| 70188 | 76312 | 80913 | 97808 | 17381 | 873 | 73310 | | 10935 | 16395 |
| 70194 | 77012 | 90915 | 98032 | 15981 | 77310 | 26310 | | | |
| 70140 | 66112 | 40615 | 98052 | 12283 | 42601 | 85312 | 0**76 | 10645 | 1 988 |
| 70145 | 61412 | 10917 | 98011 | 15984 | 11700 | 36312 | 0**75 | 10933 | 2 218 |
| 70165 | 63912 | 50920 | 97052 | 16385 | 58500 | 35302 | 0**76 | 10933 | 2 376 |
| 70175 | 67412 | 41015 | 97021 | 16384 | 21408 | 85312 | | | |
| 70179 | 67812 | 81009 | 96022 | 16082 | | | | | |
| 70189 | 65312 | 70716 | 97022 | 19381 | 42501 | | | | |
| 70191 | 68112 | 80710 | 98022 | 20383 | 6837 | 76324 | 0**76 | | 1 642 |
| 70195 | 62712 | 20813 | 99020 | 18882 | 12601 | 15330 | 05073 | | |
| 70175 | 07412 | 41015 | 97021 | 16384 | 21408 | 85312 | | 11043 | 11090 |
| 70030 | 84212 | 82009 | 97815 | 10874 | 834 | 16300 | 05873 | | |
| 70048 | 50612 | 80515 | 98031 | 12982 | 5742 | 76122 | | 10522 | |
| | | | | | | | | | |
| 71633 | 68412 | 81006 | 98422 | 17349 | 824 | 45400 | 0**44 | 1**** | 3 107 |
| 71510 | 79912 | 82310 | 98022 | 14646 | 8 | 55808 | 0**45 | 12322 | 3 660 |
| 71519 | 71312 | 82320 | 96022 | 14046 | 8 | 54180 | | | |
| 71519 | 66612 | 93220 | 97562 | 15846 | | | | | |
| 71541 | 65712 | 81825 | 98022 | 15243 | 8732 | 00320 | | | |
| 71551 | 65112 | 71523 | 97032 | 14645 | 74700 | 85310 | | 11532 | 1 57 |
| 71503 | 59712 | 81510 | 98022 | 24449 | 00930 | 26328 | | 11542 | 36920 |
| ■71500 | 45012 | 81105 | 96504 | 32948 | 863 | 00300 | 05348 | | |
| 71421 | 72512 | 82905 | 98022 | 25755 | 864 | 65302 | | 12936 | 27238 |
| 71483 | 72612 | 82007 | 98022 | 21350 | 863 | 56122 | 0**46 | 12081 | 3 54 |
| 71492 | 61512 | 81408 | 98142 | 24748 | 844 | 16320 | 0**48 | 12132 | 35124 |
| 71404 | 58212 | 93609 | 95474 | 25759 | 9 0 | 26306 | | | 37117 |
| 71421 | 50312 | 70914 | 98022 | 28460 | 00920 | 64310 | | 10943 | 36755 |
| 71428 | 51312 | 01010 | 99002 | 28157 | 00900 | 66603 | 0**56 | | 3 637 |
| 71443 | 52312 | 81408 | 97022 | 32064 | 865 | 34210 | | | |
| 71462 | 57312 | 90608 | 95535 | 29053 | | | | | |
| 71474 | 54512 | 91603 | 95284 | 25150 | 9 0 | 65804 | | | 3 50 |
| 71486 | 57812 | 81715 | 93424 | 26052 | 855 | 75300 | | 11742 | 35694 |
| 71407 | 42412 | 80004 | 98022 | 23459 | 8652 | 66302 | 0**52 | 10320 | 3 497 |
| 71424 | 42912 | 80714 | 98022 | 26157 | 854 | 26300 | 0**54 | 10722 | 35674 |
| 71484 | 42312 | 80906 | 94282 | 31944 | | | | | |
| 71400 | 39012 | 83501 | 97402 | 18060 | 84 | 64406 | 0**58 | | 3 371 |
| 71413 | 37312 | 70510 | 96023 | 18560 | 765 | 05756 | | | |
| 71417 | 31812 | 80305 | 97022 | 14659 | 87600 | | | | |
| 71490 | 30512 | 83326 | 98022 | 19853 | 86400 | 24822 | | | |
| 71499 | 39412 | 90910 | 98034 | 32951 | | 26816 | 0**51 | 109*2 | 3 178 |
| 71404 | 24512 | 83413 | 95284 | 12952 | 854 | 13422 | | | |
| 71428 | 24612 | 93302 | 90454 | 13550 | | | | | |
| 71462 | 24212 | 92211 | 92215 | 90460 | 11955 | | | | |
| 71485 | 24912 | 12700 | 98000 | 15959 | | | | | |
| 71358 | 70512 | 92702 | 91454 | 23764 | 9 0 | 64300 | 0**62 | | 1 742 |
| 71349 | 54512 | 80924 | 99032 | 17371 | 854 | 66810 | 0**67 | 10844 | 35299 |
| 71302 | 42612 | 21107 | 98021 | 20768 | 21500 | 56416 | 0**62 | | 3 192 |
| 71303 | 42312 | 11515 | 98011 | 22068 | 11400 | 16303 | 0**67 | | 37149 |

## SURFACE MARINE DATA

| Location of ship and time of observation | | Tot. cld. amt. and wind | Vis. and weather | Pressure and temp. | Clouds | Ship speed and press. change | Temp. | Waves | Ship number |
|---|---|---|---|---|---|---|---|---|---|
| $YQL_aL_aL_a$ | $L_oL_oL_oGG$ | Nddff | VVwwW | PPPTT | $N_hC_Lh C_MC_H$ | $D_sV_s a pp$ | $0 T_sT_sT_dT_d$ | $I d_wd_wP_wH_w$ | |
| ■71330 | 35012 | 33605 | 81012 | 23564 | 35500 | 00611 | 00154 | 14952 | 2420 |
| 71334 | 32612 | 83309 | 98022 | 20063 | 855 | 55802 | | | |
| 71352 | 31312 | 83213 | 64022 | | | | | | |
| 71321 | 28912 | 83614 | 98022 | 19361 | 84 | 26808 | 0**54 | | 3 13 |
| 71343 | 20912 | 92935 | 54032 | | | | | | |
| 71377 | 22712 | 82709 | 98022 | 17554 | 80520 | 12732 | | | |
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