

Meta data describing selection criteria for suspect stations is available in 1) [PDF](#) 2) [HTML](#)

LIST OF SUSPECT LAND SURFACE STATIONS FOR JUN 2006

WMO REGION 1

| STN No. | LAT | LONG | HT(M) | TIME | ELEM | NOBS | NGE | PGE | SD | BIAS | RMS |
|---------|-------|-------|-------|------|------|------|-----|-----|-----|------|------|
| 63160 | 10.4 | 45.0 | 9 | ALL | MSLP | 24 | 5 | 21 | 1.1 | -4.2 | 4.4 |
| 63330 | 13.5 | 39.5 | 2070 | ALL | MSLP | 40 | 39 | 98 | 0.0 | 15.0 | 15.0 |
| 63402 | 7.7 | 36.8 | 1725 | ALL | MSLP | 51 | 2 | 4 | 2.5 | -9.3 | 9.6 |
| 63671 | 1.8 | 40.1 | 244 | ALL | MSLP | 108 | 2 | 2 | 1.2 | -5.0 | 5.1 |
| 68902 | -37.0 | -12.3 | 51 | ALL | MSLP | 22 | 0 | 0 | 1.9 | -4.2 | 4.6 |

WMO REGION 2

| STN No. | LAT | LONG | HT(M) | TIME | ELEM | NOBS | NGE | PGE | SD | BIAS | RMS |
|---------|------|------|-------|------|------|------|-----|-----|-----|------|-----|
| 28666 | 55.3 | 67.3 | 140 | ALL | MSLP | 119 | 0 | 0 | 2.2 | 4.7 | 5.2 |
| 38944 | 37.5 | 69.4 | 448 | ALL | MSLP | 109 | 0 | 0 | 1.7 | -7.2 | 7.4 |
| 40700 | 39.7 | 48.1 | 45 | ALL | MSLP | 95 | 0 | 0 | 1.2 | -5.1 | 5.2 |
| 40754 | 35.7 | 51.3 | 1191 | ALL | MSLP | 109 | 0 | 0 | 2.4 | -5.9 | 6.3 |
| 40757 | 35.5 | 53.4 | 1171 | ALL | MSLP | 97 | 0 | 0 | 2.1 | -5.8 | 6.2 |
| 40835 | 30.4 | 50.8 | 738 | ALL | MSLP | 96 | 0 | 0 | 1.7 | -4.2 | 4.5 |
| 40854 | 29.1 | 58.5 | 940 | ALL | MSLP | 94 | 0 | 0 | 2.0 | -5.0 | 5.4 |
| 40859 | 29.0 | 53.7 | 1288 | ALL | MSLP | 96 | 0 | 0 | 2.7 | -4.6 | 5.3 |

WMO REGION 3

| STN No. | LAT | LONG | HT(M) | TIME | ELEM | NOBS | NGE | PGE | SD | BIAS | RMS |
|---------|-------|-------|-------|------|------|------|-----|-----|-----|------|-----|
| 82287 | -2.9 | -41.6 | 22 | ALL | MSLP | 56 | 0 | 0 | 0.7 | -4.2 | 4.3 |
| 82704 | -7.6 | -72.7 | 170 | ALL | MSLP | 85 | 0 | 0 | 1.3 | -5.3 | 5.5 |
| 83388 | -15.1 | -42.8 | 604 | ALL | MSLP | 89 | 0 | 0 | 0.9 | -4.1 | 4.2 |
| 83405 | -16.0 | -57.7 | 118 | ALL | MSLP | 87 | 0 | 0 | 1.3 | -4.2 | 4.4 |
| 83738 | -22.5 | -44.5 | 440 | ALL | MSLP | 87 | 0 | 0 | 1.9 | -6.2 | 6.4 |
| 83970 | -31.3 | -50.9 | 5 | ALL | MSLP | 74 | 0 | 0 | 2.0 | -5.5 | 5.8 |
| 84132 | -0.9 | -75.4 | 215 | ALL | MSLP | 25 | 25 | 100 | ** | ** | ** |
| 84401 | -5.2 | -80.6 | 55 | ALL | MSLP | 110 | 1 | 1 | 1.5 | 4.5 | 4.8 |
| 84452 | -6.8 | -79.8 | 34 | ALL | MSLP | 109 | 0 | 0 | 1.4 | 5.2 | 5.4 |
| 84455 | -6.5 | -76.4 | 282 | ALL | MSLP | 80 | 0 | 0 | 1.6 | 5.6 | 5.8 |
| 84720 | -14.9 | -74.9 | 567 | ALL | MSLP | 55 | 0 | 0 | 1.5 | 4.3 | 4.5 |
| 85141 | -14.5 | -67.6 | 204 | ALL | MSLP | 57 | 0 | 0 | 2.2 | -4.6 | 5.0 |
| 87416 | -33.1 | -68.4 | 653 | ALL | MSLP | 111 | 0 | 0 | 2.3 | -4.1 | 4.7 |
| 87418 | -32.8 | -68.8 | 704 | ALL | MSLP | 113 | 1 | 1 | 2.4 | -4.7 | 5.3 |

WMO REGION 4

| STN No. | LAT | LONG | HT(M) | TIME | ELEM | NOBS | NGE | PGE | SD | BIAS | RMS |
|---------|------|--------|-------|------|------|------|-----|-----|-----|------|-----|
| 71786 | 51.5 | -116.3 | 1615 | ALL | MSLP | 117 | 0 | 0 | 1.7 | 4.8 | 5.1 |
| 71860 | 51.1 | -114.4 | 1204 | ALL | MSLP | 90 | 0 | 0 | 2.3 | 4.3 | 4.9 |
| 71877 | 51.1 | -114.0 | 1084 | ALL | MSLP | 119 | 0 | 0 | 2.0 | 4.0 | 4.5 |
| 72360 | 36.5 | -103.2 | 1515 | ALL | MSLP | 120 | 0 | 0 | 2.1 | 4.1 | 4.6 |
| 72376 | 36.2 | -111.8 | 2181 | ALL | MSLP | 116 | 0 | 0 | 3.2 | 5.6 | 6.5 |
| 72462 | 37.4 | -105.9 | 2299 | ALL | MSLP | 120 | 2 | 2 | 3.6 | 8.3 | 9.1 |
| 72570 | 40.5 | -107.5 | 1915 | ALL | MSLP | 120 | 0 | 0 | 3.1 | 6.7 | 7.4 |
| 72772 | 46.6 | -112.0 | 1188 | ALL | MSLP | 118 | 0 | 0 | 2.9 | 4.3 | 5.2 |
| 76055 | 31.0 | -114.8 | 440 | ALL | MSLP | 63 | 0 | 0 | 1.7 | -4.2 | 4.6 |
| 76113 | 30.7 | -111.7 | 419 | ALL | MSLP | 48 | 0 | 0 | 0.9 | -5.1 | 5.1 |
| 76220 | 29.0 | -107.8 | 1932 | ALL | MSLP | 90 | 0 | 0 | 4.0 | 7.2 | 8.2 |
| 76634 | 20.1 | -98.4 | 2181 | ALL | MSLP | 44 | 0 | 0 | 2.3 | 4.8 | 5.3 |
| 76680 | 19.4 | -99.2 | 2303 | ALL | MSLP | 50 | 0 | 0 | 2.0 | -4.5 | 4.9 |
| 76848 | 16.3 | -92.1 | 1646 | ALL | MSLP | 57 | 0 | 0 | 1.8 | -4.3 | 4.7 |
| 78588 | 17.2 | -87.5 | 1 | ALL | MSLP | 119 | 119 | 100 | ** | ** | ** |

WMO REGION 5

| STN No. | LAT | LONG | HT(M) | TIME | ELEM | NOBS | NGE | PGE | SD | BIAS | RMS |
|---------|-----|------|-------|------|------|------|-----|-----|----|------|-----|
|---------|-----|------|-------|------|------|------|-----|-----|----|------|-----|

WMO REGION 6

| STN No. | LAT | LONG | HT(M) | TIME | ELEM | NOBS | NGE | PGE | SD | BIAS | RMS |
|---------|------|-------|-------|------|------|------|-----|-----|----|------|-----|
| 04208 | 74.0 | -57.8 | 40 | ALL | MSLP | 108 | 108 | 100 | ** | ** | ** |

| STN No. | LAT | LONG | HT(M) | TIME | ELEM | NOBS | NGE | PGE | SD | BIAS | RMS |
|---------|------|-------|-------|------|------|------|-----|-----|-----|------|-----|
| 04330 | 74.3 | -20.2 | 44 | ALL | MSLP | 109 | 0 | 0 | 1.2 | -6.2 | 6.3 |
| 08226 | 40.7 | -3.2 | 640 | ALL | MSLP | 66 | 0 | 0 | 1.9 | -6.7 | 6.9 |
| 17038 | 41.0 | 39.7 | 34 | ALL | MSLP | 118 | 0 | 0 | 2.0 | 4.8 | 5.2 |
| 17042 | 41.4 | 41.4 | 33 | ALL | MSLP | 113 | 0 | 0 | 2.3 | 4.7 | 5.2 |

WMO REGION ANTARCTICA

| STN No. | LAT | LONG | HT(M) | TIME | ELEM | NOBS | NGE | PGE | SD | BIAS | RMS |
|---------|-------|-------|-------|------|------|------|-----|-----|-----|-------|------|
| 89272 | -74.8 | -70.5 | 1395 | ALL | MSLP | 93 | 88 | 95 | 1.8 | -11.7 | 11.8 |
| 89512 | -70.8 | 11.8 | 102 | ALL | MSLP | 119 | 0 | 0 | 2.9 | -4.5 | 5.4 |
| 89514 | -70.8 | 11.7 | 117 | ALL | MSLP | 102 | 0 | 0 | 2.8 | -4.4 | 5.2 |
| 89592 | -66.6 | 93.0 | 35 | ALL | MSLP | 119 | 0 | 0 | 2.7 | -4.4 | 5.2 |
| 89642 | -66.7 | 140.0 | 41 | ALL | MSLP | 116 | 1 | 1 | 2.9 | -7.9 | 8.4 |

LIST OF SUSPECT RADIOSONDE STATIONS FOR JUN 2006

WMO REGION 2

| STN No. | LAT | LONG | HT(M) | TIME | ELEM | LEV | NOBS | NGE | SD | BIAS | RMS | SUSPECT |
|---------|------|-------|-------|------|------|------|------|-----|-------|--------|-------|---------|
| 28952 | 53.2 | 63.6 | 156 | 00 | GEOP | 1000 | 28 | 1 | 21.7 | 40.0 | 45.3 | 4 |
| 31168 | 56.5 | 138.1 | 8 | 00 | GEOP | 70 | 11 | 2 | 148.4 | 189.1 | 235.2 | 5 |
| 36870 | 43.2 | 76.9 | 851 | 00 | GEOP | 850 | 30 | 0 | 20.5 | -35.6 | 41.0 | 9 |
| 42027 | 34.1 | 74.8 | 1587 | 00 | GEOP | 100 | 13 | 2 | 78.0 | -188.1 | 202.3 | 7 |
| 42027 | 34.1 | 74.8 | 1587 | 12 | GEOP | 250 | 17 | 1 | 74.5 | -34.6 | 80.0 | 4 |
| 42101 | 30.3 | 76.5 | 251 | 00 | GEOP | 100 | 19 | 0 | 110.4 | -93.6 | 142.5 | 6 |
| 42182 | 28.6 | 77.2 | 216 | 00 | GEOP | 200 | 25 | 3 | 95.7 | -68.2 | 115.8 | 9 |
| 42182 | 28.6 | 77.2 | 216 | 12 | GEOP | 70 | 20 | 1 | 163.7 | 27.3 | 161.6 | 6 |
| 42314 | 27.5 | 95.0 | 111 | 00 | GEOP | 150 | 16 | 2 | 82.1 | -146.8 | 166.8 | 6 |
| 42339 | 26.3 | 73.0 | 224 | 00 | GEOP | 200 | 18 | 1 | 80.6 | -100.6 | 127.4 | 7 |
| 42361 | 26.2 | 78.3 | 207 | 00 | GEOP | 150 | 12 | 2 | 137.4 | -147.9 | 197.1 | 7 |
| 42369 | 26.8 | 80.9 | 128 | 00 | GEOP | 50 | 13 | 2 | 181.6 | -99.4 | 199.6 | 12 |
| 42379 | 26.8 | 83.4 | 77 | 00 | GEOP | 150 | 13 | 0 | 89.4 | -93.7 | 127.1 | 3 |
| 42410 | 26.1 | 91.6 | 54 | 00 | GEOP | 500 | 20 | 3 | 31.3 | -94.4 | 99.2 | 11 |
| 42410 | 26.1 | 91.6 | 54 | 12 | GEOP | 100 | 16 | 6 | 72.6 | -218.5 | 229.1 | 10 |
| 42492 | 25.6 | 85.1 | 60 | 00 | GEOP | 150 | 14 | 0 | 123.1 | -57.7 | 131.9 | 6 |
| 42492 | 25.6 | 85.1 | 60 | 12 | GEOP | 200 | 13 | 0 | 88.8 | -74.5 | 113.3 | 4 |
| 42647 | 23.1 | 72.6 | 55 | 12 | GEOP | 50 | 10 | 3 | 118.4 | 251.1 | 274.0 | 7 |
| 42701 | 23.3 | 85.3 | 652 | 00 | GEOP | 100 | 14 | 0 | 133.5 | -69.1 | 146.0 | 11 |
| 42701 | 23.3 | 85.3 | 652 | 12 | GEOP | 100 | 13 | 0 | 112.3 | -107.4 | 152.3 | 3 |
| 42724 | 23.9 | 91.3 | 16 | 00 | GEOP | 500 | 14 | 0 | 45.8 | -62.7 | 76.7 | 6 |
| 42724 | 23.9 | 91.3 | 16 | 12 | GEOP | 500 | 14 | 0 | 28.7 | -76.8 | 81.6 | 3 |
| 42809 | 22.6 | 88.4 | 6 | 00 | GEOP | 500 | 29 | 0 | 37.4 | -53.9 | 65.3 | 10 |
| 42809 | 22.6 | 88.4 | 6 | 12 | GEOP | 70 | 14 | 1 | 137.8 | -207.2 | 245.8 | 11 |
| 42867 | 21.1 | 79.1 | 310 | 00 | GEOP | 100 | 19 | 1 | 69.5 | -130.4 | 146.9 | 9 |
| 42971 | 20.3 | 85.8 | 46 | 00 | GEOP | 700 | 26 | 0 | 27.5 | -33.4 | 42.9 | 6 |
| 42971 | 20.3 | 85.8 | 46 | 12 | GEOP | 250 | 18 | 0 | 97.9 | -30.8 | 100.0 | 6 |
| 43003 | 19.1 | 72.8 | 14 | 00 | GEOP | 200 | 26 | 6 | 95.4 | -166.6 | 190.7 | 11 |
| 43003 | 19.1 | 72.8 | 14 | 12 | GEOP | 500 | 28 | 1 | 30.1 | -68.7 | 74.8 | 10 |
| 43041 | 19.1 | 82.0 | 553 | 00 | GEOP | 100 | 13 | 1 | 78.8 | -154.8 | 172.2 | 3 |
| 43128 | 17.5 | 78.5 | 545 | 00 | GEOP | 100 | 16 | 1 | 110.2 | -133.5 | 170.8 | 10 |
| 43128 | 17.5 | 78.5 | 545 | 12 | GEOP | 30 | 11 | 1 | 191.2 | 219.5 | 284.8 | 9 |
| 43150 | 17.7 | 83.3 | 66 | 00 | GEOP | 925 | 29 | 0 | 6.6 | -39.9 | 40.5 | 6 |
| 43192 | 15.5 | 73.8 | 60 | 00 | GEOP | 250 | 12 | 0 | 42.3 | -120.0 | 126.7 | 5 |
| 43279 | 13.0 | 80.2 | 16 | 00 | GEOP | 150 | 24 | 0 | 117.3 | -83.3 | 141.8 | 8 |
| 43279 | 13.0 | 80.2 | 16 | 12 | GEOP | 50 | 16 | 0 | 185.5 | 70.1 | 192.9 | 6 |
| 43311 | 11.1 | 72.7 | 4 | 00 | GEOP | 150 | 11 | 2 | 70.0 | -140.9 | 155.6 | 7 |
| 43333 | 11.7 | 92.7 | 79 | 00 | GEOP | 100 | 20 | 2 | 112.8 | -146.6 | 183.0 | 8 |
| 43333 | 11.7 | 92.7 | 79 | 12 | GEOP | 100 | 18 | 1 | 73.2 | -194.8 | 207.4 | 5 |
| 43346 | 10.9 | 79.8 | 7 | 00 | GEOP | 300 | 19 | 0 | 64.0 | -38.1 | 73.0 | 4 |
| 43353 | 9.9 | 76.3 | 3 | 00 | GEOP | 150 | 22 | 5 | 97.2 | -163.5 | 188.7 | 6 |
| 43371 | 8.5 | 76.9 | 64 | 00 | GEOP | 100 | 22 | 2 | 80.4 | -159.9 | 178.1 | 5 |
| 43371 | 8.5 | 76.9 | 64 | 12 | GEOP | 50 | 19 | 1 | 146.0 | 79.2 | 162.5 | 5 |
| 47058 | 39.0 | 125.8 | 38 | 00 | GEOP | 200 | 10 | 0 | 83.5 | 46.8 | 92.0 | 3 |
| 51709 | 39.5 | 76.0 | 1291 | 00 | GEOP | 850 | 30 | 0 | 26.0 | -42.8 | 49.9 | 6 |
| 52818 | 36.4 | 94.9 | 2809 | 12 | GEOP | 500 | 30 | 0 | 21.6 | -54.8 | 58.8 | 4 |
| 55299 | 31.5 | 92.1 | 4508 | 00 | GEOP | 500 | 30 | 0 | 22.8 | -83.0 | 85.9 | 3 |
| 55299 | 31.5 | 92.1 | 4508 | 12 | GEOP | 500 | 29 | 0 | 28.7 | -69.6 | 75.1 | 3 |
| 55591 | 29.7 | 91.1 | 3650 | 00 | GEOP | 500 | 30 | 0 | 22.5 | -81.7 | 84.7 | 3 |
| 56029 | 33.0 | 97.0 | 3682 | 00 | GEOP | 500 | 30 | 0 | 24.8 | -74.2 | 78.1 | 4 |
| 56029 | 33.0 | 97.0 | 3682 | 12 | GEOP | 500 | 30 | 1 | 33.5 | -75.2 | 82.1 | 5 |
| 56137 | 31.1 | 97.2 | 3307 | 00 | GEOP | 500 | 30 | 0 | 11.9 | -61.9 | 63.0 | 4 |
| 56137 | 31.1 | 97.2 | 3307 | 12 | GEOP | 500 | 29 | 0 | 24.9 | -55.7 | 60.8 | 5 |

WMO REGION 3

| STN No. | LAT | LONGHT(M) | TIME | ELEM | LEV | NOBS | NGE | SD | BIAS | RMS | SUSPECT |
|---------|-------|-----------|-------|------|-----|------|-----|-------|-------|-------|---------|
| 82099 | 0.1 | -51.1 | 17 12 | GEOP | 400 | 16 | 2 | 57.4 | 90.2 | 105.8 | 8 |
| 85799 | -41.4 | -73.1 | 90 12 | GEOP | 250 | 25 | 0 | 80.3 | -14.5 | 80.0 | 5 |
| 85934 | -53.0 | -71.0 | 37 12 | GEOP | 100 | 22 | 0 | 72.0 | 123.0 | 141.7 | 7 |
| 87860 | -45.8 | -67.5 | 46 12 | GEOP | 400 | 26 | 0 | 73.2 | 0.8 | 71.8 | 7 |
| 88889 | -51.8 | -58.5 | 73 00 | GEOP | 50 | 28 | 1 | 108.8 | 88.3 | 138.6 | 3 |
| 88889 | -51.8 | -58.5 | 73 12 | GEOP | 70 | 28 | 0 | 103.3 | 101.3 | 143.4 | 3 |

WMO REGION 5

| STN No. | LAT | LONGHT(M) | TIME | ELEM | LEV | NOBS | NGE | SD | BIAS | RMS | SUSPECT |
|---------|------|-----------|-------|------|-----|------|-----|-------|--------|-------|---------|
| 96163 | -0.9 | 100.3 | 3 00 | GEOP | 400 | 24 | 8 | 89.2 | 8.5 | 86.8 | 8 |
| 96163 | -0.9 | 100.3 | 3 12 | GEOP | 850 | 23 | 6 | 40.2 | 0.2 | 39.0 | 8 |
| 96935 | -7.4 | 112.8 | 3 00 | GEOP | 925 | 27 | 5 | 34.0 | -10.4 | 34.9 | 3 |
| 96935 | -7.4 | 112.8 | 3 12 | GEOP | 150 | 27 | 2 | 112.2 | 28.1 | 113.4 | 9 |
| 97180 | -5.1 | 119.6 | 14 00 | GEOP | 100 | 26 | 1 | 75.2 | -131.8 | 151.0 | 10 |
| 97180 | -5.1 | 119.6 | 14 12 | GEOP | 100 | 27 | 0 | 124.1 | -57.9 | 134.8 | 3 |
| 97980 | -8.5 | 140.4 | 3 00 | GEOP | 150 | 13 | 0 | 32.0 | 92.5 | 97.4 | 3 |

WMO REGION 6

| STN No. | LAT | LONGHT(M) | TIME | ELEM | LEV | NOBS | NGE | SD | BIAS | RMS | SUSPECT |
|---------|------|-----------|--------|------|-----|------|-----|-------|-------|-------|---------|
| 22820 | 61.8 | 34.3 | 110 12 | GEOP | 700 | 23 | 3 | 30.5 | 23.8 | 38.0 | 4 |
| 34731 | 47.3 | 39.8 | 75 00 | GEOP | 250 | 25 | 0 | 48.0 | 53.9 | 71.5 | 3 |
| 34731 | 47.3 | 39.8 | 75 12 | GEOP | 50 | 10 | 0 | 123.1 | 157.8 | 196.3 | 6 |
| 37860 | 40.5 | 50.0 | 28 00 | GEOP | 500 | 16 | 0 | 53.6 | 11.4 | 53.2 | 3 |
| 40265 | 32.4 | 36.3 | 687 00 | GEOP | 850 | 27 | 0 | 20.3 | 39.4 | 44.1 | 5 |

WMO REGION ANTARCTICA

| STN No. | LAT | LONGHT(M) | TIME | ELEM | LEV | NOBS | NGE | SD | BIAS | RMS | SUSPECT |
|---------|-------|-----------|---------|------|------|------|-----|-------|-------|-------|---------|
| 89002 | -70.7 | -8.3 | 35 12 | GEOP | 1000 | 26 | 1 | 31.3 | 23.6 | 38.7 | 11 |
| 89009 | -90.0 | 0.0 | 2835 00 | GEOP | 400 | 30 | 2 | 96.4 | -8.8 | 95.1 | 8 |
| 89022 | -75.6 | -26.6 | 30 12 | GEOP | 300 | 28 | 1 | 68.9 | 21.3 | 70.9 | 10 |
| 89062 | -67.6 | -68.1 | 16 12 | GEOP | 70 | 10 | 2 | 138.5 | 177.8 | 220.0 | 9 |
| 89512 | -70.8 | 11.8 | 102 00 | GEOP | 1000 | 27 | 0 | 20.6 | -28.7 | 35.1 | 3 |
| 89642 | -66.7 | 140.0 | 41 00 | GEOP | 1000 | 28 | 1 | 26.2 | -54.7 | 60.4 | 9 |
| 89664 | -77.8 | 166.7 | 24 00 | GEOP | 850 | 12 | 0 | 49.9 | -22.6 | 52.8 | 10 |

LIST OF SUSPECT SHIPS FOR JUN 2006

WIND DIRECTION

| SHIP No. | LAT/LONG | TIME | ELEM | NOBS | NGE | PGE | SD | BIAS | RMS |
|----------|-------------|------|------|------|-----|-----|-------|-------|-------|
| 9HGR8 | 49.7 -7.3 | ALL | DD | 29 | 0 | 0 | 95.9 | 21.9 | 96.7 |
| AGRF | -16.0 145.8 | ALL | DD | 29 | 0 | 0 | 22.9 | 33.7 | 40.5 |
| C6JT | 43.9 -33.0 | ALL | DD | 26 | 1 | 4 | 49.6 | -45.6 | 66.7 |
| ELXS8 | -25.3 112.8 | ALL | DD | 45 | 0 | 0 | 86.3 | -4.6 | 85.5 |
| FNCL | 43.2 5.3 | ALL | DD | 26 | 0 | 0 | 81.5 | -15.8 | 81.5 |
| FNEH | 42.9 7.2 | ALL | DD | 34 | 0 | 0 | 72.1 | -39.9 | 81.5 |
| FNGP | 42.4 6.8 | ALL | DD | 36 | 0 | 0 | 83.7 | -11.7 | 83.4 |
| FNIA | 43.0 5.5 | ALL | DD | 45 | 0 | 0 | 56.2 | -41.4 | 69.3 |
| FNJI | 43.3 4.9 | ALL | DD | 30 | 0 | 0 | 80.6 | 26.5 | 83.5 |
| FNNB | 42.9 7.6 | ALL | DD | 22 | 0 | 0 | 87.3 | -25.9 | 89.1 |
| FNPB | 49.7 -4.5 | ALL | DD | 70 | 0 | 0 | 104.3 | 27.1 | 107.0 |
| H3VT | 37.3 -72.0 | ALL | DD | 39 | 0 | 0 | 101.1 | -20.9 | 101.9 |
| LDGJ | 58.7 3.1 | ALL | DD | 28 | 1 | 4 | 47.4 | -32.5 | 56.8 |
| OZWP2 | -40.7 176.5 | ALL | DD | 53 | 0 | 0 | 37.3 | 34.5 | 50.6 |
| P3BP9 | -5.9 109.5 | ALL | DD | 27 | 0 | 0 | 34.8 | 31.5 | 46.5 |
| PBHU | 32.1 -78.7 | ALL | DD | 32 | 0 | 0 | 27.8 | -30.6 | 41.1 |
| PCHM | 56.8 -134.4 | ALL | DD | 28 | 0 | 0 | 51.9 | -35.0 | 61.8 |
| PCHS | 52.1 1.8 | ALL | DD | 20 | 0 | 0 | 101.0 | 1.8 | 98.5 |
| PHSG | 49.9 -125.1 | ALL | DD | 22 | 0 | 0 | 33.3 | -39.6 | 51.2 |
| TOUR | 53.5 9.5 | ALL | DD | 48 | 0 | 0 | 82.7 | 12.0 | 82.7 |
| UCUO | 63.4 23.5 | ALL | DD | 62 | 1 | 2 | 89.9 | -41.1 | 98.2 |
| V3ZB2 | 56.9 -11.6 | ALL | DD | 22 | 0 | 0 | 86.7 | -10.9 | 85.4 |
| WDB3834 | 35.5 129.7 | ALL | DD | 20 | 0 | 0 | 25.8 | -33.5 | 41.9 |
| WDC7518 | 60.6 -151.6 | ALL | DD | 25 | 0 | 0 | 66.9 | -38.2 | 75.8 |
| WXJ63 | 61.1 -146.4 | ALL | DD | 23 | 0 | 0 | 92.5 | 14.6 | 91.6 |

| SHIP No. | LAT/LONG | TIME | ELEM | NOBS | NGE | PGE | SD | BIAS | RMS |
|----------|------------|------|------|------|-----|-----|------|-------|------|
| WYR4481 | 44.4 -82.7 | ALL | DD | 27 | 0 | 0 | 61.9 | -33.1 | 69.1 |

WIND SPEED

| SHIP No. | LAT/LONG | TIME | ELEM | NOBS | NGE | PGE | SD | BIAS | RMS |
|----------|-------------|------|------|------|-----|-----|-----|------|------|
| A8DV4 | 13.9 49.0 | ALL | FF | 25 | 0 | 0 | 4.0 | 7.8 | 8.7 |
| HP6038 | 46.4 -48.4 | ALL | FF | 112 | 0 | 0 | 3.3 | 6.3 | 7.1 |
| OZWP2 | -40.7 176.5 | ALL | FF | 54 | 0 | 0 | 5.6 | 6.6 | 8.6 |
| S6JP | 33.4 25.5 | ALL | FF | 22 | 0 | 0 | 6.1 | 5.1 | 7.8 |
| UCUO | 63.4 23.5 | ALL | FF | 74 | 1 | 1 | 4.3 | 6.1 | 7.4 |
| V2BE4 | -7.6 -122.0 | ALL | FF | 30 | 0 | 0 | 2.8 | -5.4 | 6.0 |
| V7IA5 | -18.0 147.2 | ALL | FF | 46 | 1 | 2 | 7.2 | 11.1 | 13.2 |
| V7JP6 | 53.6 5.6 | ALL | FF | 42 | 0 | 0 | 2.7 | 5.5 | 6.1 |
| VEP717 | 46.7 -48.7 | ALL | FF | 101 | 0 | 0 | 3.7 | 7.0 | 7.9 |
| WCQ6174 | 58.7 -162.0 | ALL | FF | 34 | 0 | 0 | 4.9 | 5.2 | 7.1 |
| WQZ9670 | 43.1 -87.0 | ALL | FF | 38 | 0 | 0 | 4.1 | 5.1 | 6.5 |

MEAN SEA LEVEL PRESSURE

| SHIP No. | LAT/LONG | TIME | ELEM | NOBS | NGE | PGE | SD | BIAS | RMS |
|----------|-------------|------|------|------|-----|-----|-----|-------|------|
| 3EES2 | 37.4 143.9 | ALL | MSLP | 23 | 0 | 0 | 2.5 | 5.3 | 5.8 |
| 9VBP2 | 21.6 114.6 | ALL | MSLP | 27 | 20 | 74 | 0.9 | 0.2 | 0.9 |
| A8FZ6 | -10.8 70.5 | ALL | MSLP | 39 | 0 | 0 | 1.3 | 7.0 | 7.1 |
| A8IX5 | 33.5 122.8 | ALL | MSLP | 22 | 0 | 0 | 2.2 | 5.2 | 5.6 |
| C6LU4 | 49.4 -11.9 | ALL | MSLP | 26 | 0 | 0 | 1.7 | 4.8 | 5.1 |
| C6PZ3 | 6.3 94.3 | ALL | MSLP | 34 | 0 | 0 | 1.9 | 6.0 | 6.3 |
| C6QK | 37.6 -73.8 | ALL | MSLP | 91 | 1 | 1 | 1.2 | 4.7 | 4.8 |
| DLCX | 35.5 125.7 | ALL | MSLP | 29 | 0 | 0 | 1.2 | 4.2 | 4.4 |
| FNAT | 12.1 112.2 | ALL | MSLP | 69 | 10 | 14 | 5.2 | 5.5 | 7.6 |
| KF003 | 57.9 -153.0 | ALL | MSLP | 31 | 1 | 3 | 2.4 | -9.7 | 10.0 |
| KS049 | 17.5 -87.9 | ALL | MSLP | 115 | 0 | 0 | 0.9 | -4.2 | 4.3 |
| OWTW2 | 21.4 -70.4 | ALL | MSLP | 21 | 0 | 0 | 1.8 | 4.9 | 5.3 |
| OWWS2 | 49.8 -146.4 | ALL | MSLP | 22 | 0 | 0 | 1.5 | 5.1 | 5.3 |
| S6JS | 44.8 161.9 | ALL | MSLP | 53 | 0 | 0 | 2.7 | -8.8 | 9.2 |
| TEST | 33.7 -118.2 | ALL | MSLP | 31 | 31 | 100 | ** | ** | ** |
| TESTCA5 | 43.8 -79.5 | ALL | MSLP | 55 | 0 | 0 | 1.0 | -11.3 | 11.4 |
| UBXS | 16.6 -16.9 | ALL | MSLP | 85 | 0 | 0 | 1.5 | 6.0 | 6.2 |
| UCTK | 70.3 33.5 | ALL | MSLP | 24 | 0 | 0 | 1.8 | -4.8 | 5.1 |
| UCUO | 63.4 23.5 | ALL | MSLP | 74 | 21 | 28 | 7.1 | -3.4 | 7.8 |
| UCUQ | 65.1 -0.8 | ALL | MSLP | 35 | 4 | 11 | 2.7 | 10.7 | 11.0 |
| V2AW5 | 47.1 -45.6 | ALL | MSLP | 26 | 0 | 0 | 2.3 | 4.6 | 5.1 |
| V7FW8 | 30.7 -132.8 | ALL | MSLP | 48 | 0 | 0 | 5.7 | 5.4 | 7.8 |
| VRBI3 | 48.9 -5.3 | ALL | MSLP | 23 | 0 | 0 | 1.8 | -4.2 | 4.5 |
| WDB9986 | 37.6 144.0 | ALL | MSLP | 35 | 0 | 0 | 1.8 | 6.7 | 6.9 |

SEA SURFACE TEMPERATURE

| SHIP No. | LAT/LONG | TIME | ELEM | NOBS | NGE | PGE | SD | BIAS | RMS |
|----------|-------------|------|------|------|-----|-----|-----|------|-----|
| 3FRR5 | -25.6 165.8 | ALL | SST | 44 | 2 | 5 | 0.8 | -5.6 | 5.7 |
| A8DZ4 | -19.4 -38.2 | ALL | SST | 23 | 0 | 0 | 1.0 | 3.4 | 3.5 |
| A8GA2 | -13.9 66.3 | ALL | SST | 37 | 6 | 16 | 3.9 | -3.4 | 5.2 |
| BATFR02 | 50.2 -0.7 | ALL | SST | 76 | 5 | 7 | 2.5 | -3.7 | 4.5 |
| C6KD5 | 48.7 -12.6 | ALL | SST | 36 | 0 | 0 | 1.5 | -3.9 | 4.2 |
| DHSI | 5.3 98.0 | ALL | SST | 24 | 0 | 0 | 1.1 | -3.4 | 3.5 |
| J7AW6 | -30.6 175.6 | ALL | SST | 35 | 0 | 0 | 2.4 | -4.8 | 5.3 |
| KS034 | 43.7 7.4 | ALL | SST | 107 | 8 | 7 | 3.5 | 4.2 | 5.4 |
| KS049 | 17.5 -87.9 | ALL | SST | 115 | 4 | 3 | 2.3 | -3.9 | 4.5 |
| KUU619 | 66.5 -162.4 | ALL | SST | 20 | 12 | 60 | 3.7 | -5.0 | 6.1 |
| LAIP5 | 0.2 -42.5 | ALL | SST | 35 | 0 | 0 | 2.2 | -3.1 | 3.8 |
| MGYF6 | 43.0 169.4 | ALL | SST | 44 | 6 | 14 | 2.0 | 5.9 | 6.2 |
| NL9H | 57.7 -152.1 | ALL | SST | 44 | 18 | 41 | 2.1 | -5.0 | 5.4 |
| OWEB2 | 8.7 -84.8 | ALL | SST | 26 | 0 | 0 | 1.2 | -3.0 | 3.2 |
| P3BP9 | -5.9 109.5 | ALL | SST | 33 | 3 | 9 | 1.9 | 4.8 | 5.2 |
| PHEO | 58.1 -135.0 | ALL | SST | 24 | 2 | 8 | 3.0 | 5.5 | 6.2 |
| SIWB | 45.0 -60.3 | ALL | SST | 48 | 0 | 0 | 2.0 | 4.5 | 5.0 |
| TEST | 33.7 -118.2 | ALL | SST | 31 | 31 | 100 | ** | ** | ** |
| UCDM | 50.9 142.1 | ALL | SST | 21 | 6 | 29 | 2.1 | -5.9 | 6.3 |
| UCFT | 58.3 -31.5 | ALL | SST | 57 | 0 | 0 | 0.7 | -4.0 | 4.0 |
| UCUO | 63.4 23.5 | ALL | SST | 74 | 16 | 22 | 3.5 | -3.8 | 5.1 |
| UFJC | 46.4 139.4 | ALL | SST | 26 | 7 | 27 | 2.4 | -5.6 | 6.1 |
| V2AC6 | -23.9 -40.1 | ALL | SST | 24 | 0 | 0 | 0.8 | 3.0 | 3.1 |
| V2IA | 29.8 157.6 | ALL | SST | 21 | 0 | 0 | 2.8 | -3.4 | 4.4 |
| V7FN7 | 19.3 -120.4 | ALL | SST | 23 | 0 | 0 | 1.8 | 3.3 | 3.8 |

| SHIP No. | LAT/LONG | | TIME | ELEM | NOBS | NGE | PGE | SD | BIAS | RMS |
|----------|----------|-------|------|------|------|-----|-----|-----|------|-----|
| V7IP9 | 25.9 | 120.9 | ALL | SST | 49 | 0 | 0 | 2.9 | 4.0 | 5.0 |
| VCPX | 41.8 | -81.6 | ALL | SST | 23 | 7 | 30 | 5.4 | -1.4 | 5.4 |
| VLTT | -41.1 | 146.2 | ALL | SST | 59 | 26 | 44 | 3.3 | 3.2 | 4.6 |
| WAAH | 27.7 | -92.2 | ALL | SST | 70 | 0 | 0 | 1.6 | 3.6 | 3.9 |
| WDB9135 | 44.7 | -86.4 | ALL | SST | 24 | 13 | 54 | 2.8 | -6.4 | 6.9 |
| WDC6055 | 47.1 | -91.0 | ALL | SST | 37 | 20 | 54 | 3.9 | -4.9 | 6.2 |
| WE3592 | 42.7 | -87.0 | ALL | SST | 40 | 18 | 45 | 3.7 | -5.1 | 6.3 |
| WE3806 | 44.5 | -82.7 | ALL | SST | 44 | 21 | 48 | 4.7 | -3.5 | 5.8 |
| WE4805 | 45.1 | -86.3 | ALL | SST | 26 | 12 | 46 | 3.8 | -4.3 | 5.7 |
| WE4879 | 42.0 | -83.1 | ALL | SST | 61 | 25 | 41 | 4.1 | -3.5 | 5.4 |
| WQZ9670 | 43.1 | -87.0 | ALL | SST | 22 | 11 | 50 | 3.2 | -4.9 | 5.8 |
| WXN3191 | 47.0 | -85.5 | ALL | SST | 31 | 15 | 48 | 4.6 | -1.6 | 4.7 |
| WYP8657 | 44.8 | -87.4 | ALL | SST | 25 | 13 | 52 | 4.2 | -0.5 | 4.0 |
| WZJD | 21.6 | -69.8 | ALL | SST | 34 | 0 | 0 | 0.8 | -3.9 | 4.0 |
| ZDGR8 | 37.9 | -73.4 | ALL | SST | 41 | 0 | 0 | 1.7 | 3.6 | 3.9 |

LIST OF SUSPECT BUOYS FOR JUN 2006

WIND DIRECTION

| BUOY No. | LAT/LONG | | TIME | ELEM | NOBS | NGE | PGE | SD | BIAS | RMS |
|----------|----------|--------|------|------|------|-----|-----|------|------|------|
| 32319 | -8.0 | -110.1 | ALL | DD | 28 | 0 | 0 | 82.3 | -9.5 | 81.4 |
| 41643 | 39.1 | -53.2 | ALL | DD | 58 | 0 | 0 | 40.5 | 32.0 | 51.3 |

WIND SPEED

| BUOY No. | LAT/LONG | | TIME | ELEM | NOBS | NGE | PGE | SD | BIAS | RMS |
|----------|----------|-----|------|------|------|-----|-----|-----|------|-----|
| 13977 | 1.5 | 2.7 | ALL | FF | 29 | 0 | 0 | 1.1 | -6.4 | 6.5 |

MEAN SEA LEVEL PRESSURE

| BUOY No. | LAT/LONG | | TIME | ELEM | NOBS | NGE | PGE | SD | BIAS | RMS |
|----------|----------|-------|------|------|------|-----|-----|-----|------|-----|
| 17658 | -58.0 | 52.4 | ALL | MSLP | 118 | 16 | 14 | 6.9 | -1.5 | 7.0 |
| 23594 | -2.9 | 65.7 | ALL | MSLP | 108 | 0 | 0 | 0.7 | -4.6 | 4.6 |
| 25574 | 85.6 | 3.3 | ALL | MSLP | 24 | 24 | 100 | ** | ** | ** |
| 33661 | -56.5 | -33.9 | ALL | MSLP | 120 | 5 | 4 | 6.4 | -2.1 | 6.7 |
| 44746 | 39.5 | -31.1 | ALL | MSLP | 101 | 42 | 42 | 1.0 | -0.8 | 1.2 |
| 47505 | 83.0 | -57.7 | ALL | MSLP | 114 | 91 | 80 | 6.4 | 0.4 | 6.3 |
| 47506 | 85.8 | -52.8 | ALL | MSLP | 114 | 51 | 45 | 4.3 | 6.5 | 7.8 |
| 68992 | -54.4 | 3.3 | ALL | MSLP | 117 | 0 | 0 | 2.7 | -4.0 | 4.9 |
| 71575 | -57.1 | 18.5 | ALL | MSLP | 120 | 26 | 22 | 6.8 | -2.6 | 7.2 |
| 71636 | -60.2 | 9.5 | ALL | MSLP | 120 | 49 | 41 | 7.4 | -1.3 | 7.5 |
| 74544 | -57.3 | 31.7 | ALL | MSLP | 119 | 19 | 16 | 6.4 | -0.8 | 6.5 |
| 74545 | -66.6 | 31.1 | ALL | MSLP | 21 | 15 | 71 | 5.0 | -4.8 | 6.7 |

SEA SURFACE TEMPERATURE

| BUOY No. | LAT/LONG | | TIME | ELEM | NOBS | NGE | PGE | SD | BIAS | RMS |
|----------|----------|--------|------|------|------|-----|-----|-----|------|-----|
| 22927 | 16.1 | 108.2 | ALL | SST | 29 | 0 | 0 | 1.4 | 5.9 | 6.1 |
| 43526 | 27.9 | -110.9 | ALL | SST | 48 | 15 | 31 | 3.3 | -0.3 | 3.3 |
| 44507 | 46.1 | -52.8 | ALL | SST | 117 | 33 | 28 | 2.5 | -6.3 | 6.8 |
| 53907 | -18.3 | 59.6 | ALL | SST | 46 | 20 | 43 | 0.1 | 0.3 | 0.3 |
| 55571 | -44.2 | 166.6 | ALL | SST | 87 | 0 | 0 | 1.6 | 3.5 | 3.8 |
| 61827 | 31.3 | 30.2 | ALL | SST | 79 | 35 | 44 | 2.7 | -1.0 | 2.9 |
| 61828 | 33.7 | 26.7 | ALL | SST | 88 | 34 | 39 | 1.0 | 1.6 | 1.9 |
| 61829 | 32.1 | 26.6 | ALL | SST | 90 | 37 | 41 | 1.1 | 0.7 | 1.3 |
| 61830 | 34.5 | 26.4 | ALL | SST | 96 | 37 | 39 | 0.9 | 1.3 | 1.6 |
| 61832 | 35.0 | 25.7 | ALL | SST | 67 | 31 | 46 | 3.1 | 5.1 | 5.9 |
| 61836 | 33.8 | 22.5 | ALL | SST | 93 | 5 | 5 | 3.5 | -3.1 | 4.6 |
| 61838 | 33.5 | 22.8 | ALL | SST | 92 | 2 | 2 | 3.7 | -3.5 | 5.1 |
| 61842 | 37.8 | 17.9 | ALL | SST | 84 | 36 | 43 | 4.2 | 0.0 | 4.1 |
| 61843 | 36.6 | 11.5 | ALL | SST | 111 | 44 | 40 | 1.2 | 0.9 | 1.6 |
| 61846 | 35.0 | 14.9 | ALL | SST | 106 | 42 | 40 | 1.7 | 1.0 | 1.9 |
| 65564 | 83.2 | -73.2 | ALL | SST | 51 | 20 | 39 | 1.4 | 7.5 | 7.6 |
| 71511 | -59.9 | -1.2 | ALL | SST | 33 | 12 | 36 | 3.4 | 5.6 | 6.6 |
| 71567 | -65.8 | -67.4 | ALL | SST | 85 | 42 | 49 | 3.3 | 5.4 | 6.3 |
| 71575 | -57.1 | 18.5 | ALL | SST | 120 | 16 | 13 | 3.0 | 3.5 | 4.5 |
| 71628 | -68.7 | -67.5 | ALL | SST | 25 | 7 | 28 | 1.9 | 5.0 | 5.3 |
| 71644 | -52.4 | 75.3 | ALL | SST | 119 | 0 | 0 | 1.2 | 4.6 | 4.7 |
| 74541 | -59.1 | 19.5 | ALL | SST | 78 | 21 | 27 | 3.1 | 4.5 | 5.4 |

1) URL=

http://www.bom.gov.au/nmoc/Docs/Data_Monitoring/Global_monthly_reports/monthly_criteria_suspect_stations.pdf

2)

URL=http://www.bom.gov.au/nmoc/Docs/Data_Monitoring/Global_monthly_reports/monthly_criteria_suspect_stations.html