

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

LIST OF SUSPECT LAND SURFACE STATIONS FOR MAY 2004

WMO REGION 1

| STN No. | LAT | LONG | HT(M) | TIME | ELEM | NOBS | NGE | PGE | SD | BIAS | RMS |
|---------|-------|-------|-------|------|------|------|-----|-----|-----|------|------|
| 62770 | 13.5 | 22.5 | 805 | ALL | MSLP | 22 | 0 | 0 | 2.3 | 4.1 | 4.7 |
| 62810 | 11.0 | 29.7 | 499 | ALL | MSLP | 35 | 0 | 0 | 2.2 | 4.7 | 5.2 |
| 62880 | 7.7 | 28.0 | 438 | ALL | MSLP | 32 | 0 | 0 | 1.7 | 4.9 | 5.2 |
| 63330 | 13.5 | 39.5 | 2070 | ALL | MSLP | 24 | 18 | 75 | 1.9 | 13.9 | 14.0 |
| 63333 | 11.1 | 39.7 | 1903 | ALL | MSLP | 22 | 0 | 0 | 2.5 | 5.2 | 5.7 |
| 64654 | 8.4 | 20.6 | 511 | ALL | MSLP | 46 | 0 | 0 | 1.9 | 4.4 | 4.7 |
| 64655 | 6.5 | 22.0 | 584 | ALL | MSLP | 46 | 0 | 0 | 1.8 | 4.9 | 5.2 |
| 64656 | 4.7 | 22.8 | 500 | ALL | MSLP | 47 | 0 | 0 | 1.5 | 4.8 | 5.1 |
| 64754 | 11.0 | 20.3 | 436 | ALL | MSLP | 55 | 1 | 2 | 1.8 | 4.2 | 4.5 |
| 65125 | 9.3 | 7.0 | 344 | ALL | MSLP | 21 | 0 | 0 | 1.8 | 5.0 | 5.3 |
| 65418 | 9.5 | -0.9 | 173 | ALL | MSLP | 52 | 0 | 0 | 1.4 | 4.8 | 5.0 |
| 67241 | -15.0 | 40.7 | 11 | ALL | MSLP | 49 | 0 | 0 | 0.8 | -4.2 | 4.3 |
| 68903 | -37.0 | -12.3 | 51 | ALL | MSLP | 122 | 42 | 34 | 7.1 | 5.7 | 9.0 |

WMO REGION 2

| STN No. | LAT | LONG | HT(M) | TIME | ELEM | NOBS | NGE | PGE | SD | BIAS | RMS |
|---------|------|------|-------|------|------|------|-----|-----|-----|------|-----|
| 40726 | 36.8 | 45.7 | 1385 | ALL | MSLP | 107 | 0 | 0 | 1.8 | 4.1 | 4.5 |
| 40836 | 30.8 | 51.7 | 1880 | ALL | MSLP | 109 | 0 | 0 | 2.2 | 4.1 | 4.7 |
| 40948 | 34.5 | 69.2 | 1791 | ALL | MSLP | 32 | 0 | 0 | 3.1 | -4.1 | 5.1 |
| 51730 | 40.5 | 81.1 | 1013 | ALL | MSLP | 124 | 0 | 0 | 3.0 | -4.0 | 5.0 |
| 51777 | 39.0 | 88.2 | 889 | ALL | MSLP | 124 | 1 | 1 | 2.9 | -5.2 | 5.9 |

WMO REGION 3

| STN No. | LAT | LONG | HT(M) | TIME | ELEM | NOBS | NGE | PGE | SD | BIAS | RMS |
|---------|-------|-------|-------|------|------|------|-----|-----|-----|-------|------|
| 83319 | -14.7 | -52.3 | 315 | ALL | MSLP | 91 | 0 | 0 | 0.9 | 4.7 | 4.8 |
| 83738 | -22.5 | -44.5 | 440 | ALL | MSLP | 93 | 75 | 81 | 1.1 | -14.0 | 14.0 |
| 84401 | -5.2 | -80.6 | 55 | ALL | MSLP | 104 | 0 | 0 | 1.4 | 4.9 | 5.1 |
| 84425 | -5.9 | -76.1 | 184 | ALL | MSLP | 22 | 0 | 0 | 0.9 | 8.0 | 8.0 |
| 84455 | -6.4 | -76.4 | 282 | ALL | MSLP | 78 | 1 | 1 | 2.4 | 9.2 | 9.5 |
| 84501 | -8.1 | -79.0 | 30 | ALL | MSLP | 76 | 0 | 0 | 1.7 | 4.4 | 4.7 |
| 84720 | -14.9 | -74.9 | 567 | ALL | MSLP | 47 | 0 | 0 | 1.5 | 5.2 | 5.4 |
| 84782 | -18.1 | -70.3 | 458 | ALL | MSLP | 79 | 0 | 0 | 1.9 | 6.8 | 7.0 |
| 85041 | -11.0 | -68.8 | 235 | ALL | MSLP | 60 | 1 | 2 | 2.8 | 6.5 | 7.0 |
| 85394 | -22.8 | -64.3 | 381 | ALL | MSLP | 44 | 0 | 0 | 2.9 | 4.4 | 5.2 |
| 85406 | -18.4 | -70.3 | 55 | ALL | MSLP | 122 | 0 | 0 | 1.9 | 4.1 | 4.5 |
| 86011 | -19.5 | -59.4 | 150 | ALL | MSLP | 85 | 0 | 0 | 2.3 | 4.4 | 5.0 |

WMO REGION 4

| STN No. | LAT | LONG | HT(M) | TIME | ELEM | NOBS | NGE | PGE | SD | BIAS | RMS |
|---------|------|--------|-------|------|------|------|-----|-----|-----|------|------|
| 71023 | 65.9 | -89.4 | 18 | ALL | MSLP | 124 | 20 | 16 | 7.5 | 0.4 | 7.4 |
| 71060 | 65.6 | -118.1 | 230 | ALL | MSLP | 122 | 3 | 2 | 5.6 | -4.5 | 7.2 |
| 71619 | 48.0 | -65.3 | 47 | ALL | MSLP | 124 | 116 | 94 | 4.2 | -2.3 | 4.6 |
| 72375 | 35.1 | -11.2 | 2139 | ALL | MSLP | 119 | 12 | 10 | 5.6 | -4.7 | 7.3 |
| 72462 | 37.4 | -105.9 | 2299 | ALL | MSLP | 119 | 0 | 0 | 2.8 | 4.5 | 5.3 |
| 72570 | 40.5 | -107.5 | 1915 | ALL | MSLP | 119 | 0 | 0 | 2.3 | 4.9 | 5.4 |
| 76323 | 26.9 | -105.7 | 1661 | ALL | MSLP | 32 | 0 | 0 | 3.5 | 5.8 | 6.7 |
| 76687 | 19.5 | -96.9 | 1389 | ALL | MSLP | 33 | 0 | 0 | 2.0 | 4.5 | 4.9 |
| 76843 | 16.8 | -93.1 | 528 | ALL | MSLP | 27 | 0 | 0 | 2.5 | 4.5 | 5.1 |
| 76848 | 16.3 | -92.1 | 1646 | ALL | MSLP | 25 | 0 | 0 | 1.4 | -4.3 | 4.5 |
| 78090 | 25.4 | -76.7 | 10000 | ALL | MSLP | 52 | 1 | 2 | 5.9 | -8.2 | 10.1 |
| 78588 | 17.2 | -87.5 | 1 | ALL | MSLP | 120 | 116 | 97 | 1.4 | -0.6 | 1.3 |

WMO REGION 5

| STN No. | LAT | LONG | HT(M) | TIME | ELEM | NOBS | NGE | PGE | SD | BIAS | RMS |
|---------|-------|-------|-------|------|------|------|-----|-----|-----|-------|------|
| 97012 | 1.5 | 124.9 | 67 | ALL | MSLP | 74 | 0 | 0 | 2.0 | -5.5 | 5.8 |
| 97378 | -10.7 | 123.1 | 1 | ALL | MSLP | 50 | 43 | 86 | 4.0 | -12.9 | 13.4 |

WMO REGION ANTARCTICA

| STN No. | LAT | LONG | HT(M) | TIME | ELEM | NOBS | NGE | PGE | SD | BIAS | RMS |
|---------|-------|-------|-------|------|------|------|-----|-----|-----|------|-----|
| 89004 | -71.7 | -2.8 | 817 | ALL | MSLP | 107 | 0 | 0 | 2.9 | 4.5 | 5.3 |
| 89263 | -66.0 | -66.1 | 20 | ALL | MSLP | 117 | 35 | 30 | 3.3 | 8.4 | 9.0 |

LIST OF SUSPECT RADIOSONDE STATIONS FOR MAY 2004

WMO REGION 1

| STN No. | LAT | LONGHT(M) | TIME | ELEM | LEV | NOBS | NGE | SD | BIAS | RMS | SUSPECT | |
|---------|-------|-----------|------|------|------|------|-----|----|------|------|---------|---|
| 64650 | 4.4 | 18.5 | 366 | 00 | GEOP | 1000 | 11 | 0 | 9.8 | 50.2 | 51.1 | 3 |
| 64650 | 4.4 | 18.5 | 366 | 12 | GEOP | 1000 | 10 | 1 | 14.4 | 67.8 | 69.1 | 4 |
| 68240 | -24.2 | 25.9 | 1005 | 00 | GEOP | 925 | 16 | 0 | 4.0 | 41.9 | 42.1 | 4 |

WMO REGION 2

| STN No. | LAT | LONGHT(M) | TIME | ELEM | LEV | NOBS | NGE | SD | BIAS | RMS | SUSPECT | |
|---------|------|-----------|------|------|------|------|-----|----|-------|-------|---------|----|
| 42101 | 30.3 | 76.5 | 251 | 00 | GEOP | 250 | 10 | 0 | 68.3 | -57.7 | 86.8 | 7 |
| 42101 | 30.3 | 76.5 | 251 | 12 | GEOP | 200 | 12 | 1 | 100.2 | -18.4 | 97.3 | 6 |
| 42182 | 28.6 | 77.2 | 216 | 00 | GEOP | 150 | 17 | 0 | 108.5 | 95.2 | 142.0 | 10 |
| 42182 | 28.6 | 77.2 | 216 | 12 | GEOP | 150 | 22 | 1 | 92.7 | 84.2 | 123.6 | 11 |
| 42314 | 27.5 | 95.0 | 111 | 00 | GEOP | 100 | 10 | 0 | 143.4 | -38.3 | 141.4 | 7 |
| 42339 | 26.3 | 73.0 | 224 | 00 | GEOP | 200 | 13 | 0 | 86.2 | 75.0 | 111.7 | 5 |
| 42339 | 26.3 | 73.0 | 224 | 12 | GEOP | 250 | 17 | 1 | 84.1 | 48.5 | 94.7 | 6 |
| 42361 | 26.2 | 78.3 | 207 | 00 | GEOP | 925 | 16 | 1 | 23.9 | -49.0 | 54.2 | 6 |
| 42361 | 26.2 | 78.3 | 207 | 12 | GEOP | 925 | 16 | 3 | 44.5 | -28.7 | 51.5 | 11 |
| 42369 | 26.8 | 80.9 | 128 | 00 | GEOP | 500 | 23 | 2 | 48.1 | -62.1 | 77.9 | 10 |
| 42369 | 26.8 | 80.9 | 128 | 12 | GEOP | 400 | 23 | 3 | 66.9 | -43.2 | 78.2 | 8 |
| 42379 | 26.8 | 83.4 | 77 | 00 | GEOP | 400 | 13 | 0 | 40.0 | -86.5 | 94.6 | 5 |
| 42379 | 26.8 | 83.4 | 77 | 12 | GEOP | 500 | 15 | 0 | 52.5 | -37.7 | 63.2 | 4 |
| 42410 | 26.1 | 91.6 | 54 | 00 | GEOP | 100 | 13 | 0 | 98.3 | 129.5 | 160.2 | 7 |
| 42647 | 23.1 | 72.6 | 55 | 12 | GEOP | 250 | 10 | 2 | 65.9 | 91.8 | 110.5 | 4 |
| 42701 | 23.3 | 85.3 | 652 | 00 | GEOP | 150 | 12 | 3 | 129.4 | 100.4 | 158.0 | 8 |
| 42701 | 23.3 | 85.3 | 652 | 12 | GEOP | 150 | 14 | 2 | 86.3 | 78.6 | 114.0 | 3 |
| 42724 | 23.9 | 91.3 | 16 | 12 | GEOP | 200 | 16 | 0 | 111.1 | -21.5 | 109.7 | 8 |
| 42809 | 22.6 | 88.4 | 6 | 00 | GEOP | 50 | 14 | 0 | 120.4 | 126.4 | 171.6 | 9 |
| 42809 | 22.6 | 88.4 | 6 | 12 | GEOP | 70 | 15 | 0 | 143.1 | -7.1 | 138.4 | 3 |
| 42867 | 21.1 | 79.1 | 310 | 00 | GEOP | 250 | 12 | 0 | 99.6 | 27.8 | 99.3 | 8 |
| 42867 | 21.1 | 79.1 | 310 | 12 | GEOP | 250 | 15 | 0 | 97.0 | 28.1 | 97.8 | 7 |
| 42971 | 20.3 | 85.8 | 46 | 00 | GEOP | 200 | 13 | 1 | 90.4 | 80.5 | 118.2 | 4 |
| 42971 | 20.3 | 85.8 | 46 | 12 | GEOP | 150 | 10 | 0 | 96.3 | 89.4 | 127.8 | 7 |
| 43003 | 19.1 | 72.8 | 14 | 00 | GEOP | 100 | 20 | 1 | 113.1 | 6.2 | 110.3 | 3 |
| 43003 | 19.1 | 72.8 | 14 | 12 | GEOP | 50 | 18 | 0 | 82.8 | 246.8 | 259.6 | 9 |
| 43128 | 17.5 | 78.5 | 545 | 00 | GEOP | 50 | 20 | 0 | 156.3 | 85.3 | 174.5 | 10 |
| 43128 | 17.5 | 78.5 | 545 | 12 | GEOP | 250 | 25 | 1 | 80.1 | 93.3 | 121.9 | 13 |
| 43150 | 17.7 | 83.3 | 66 | 00 | GEOP | 925 | 31 | 0 | 9.5 | -29.1 | 30.6 | 5 |
| 43185 | 16.2 | 81.2 | 3 | 00 | GEOP | 70 | 16 | 1 | 131.6 | 117.2 | 172.9 | 12 |
| 43185 | 16.2 | 81.2 | 3 | 12 | GEOP | 200 | 14 | 2 | 88.5 | 80.8 | 117.1 | 12 |
| 43192 | 15.5 | 73.8 | 60 | 00 | GEOP | 700 | 21 | 1 | 19.2 | -36.5 | 41.0 | 3 |
| 43192 | 15.5 | 73.8 | 60 | 12 | GEOP | 200 | 10 | 0 | 132.2 | 72.4 | 144.8 | 6 |
| 43279 | 13.0 | 80.2 | 16 | 00 | GEOP | 50 | 10 | 0 | 126.9 | 135.8 | 181.5 | 5 |
| 43279 | 13.0 | 80.2 | 16 | 12 | GEOP | 150 | 19 | 0 | 99.1 | 101.4 | 139.9 | 10 |
| 43285 | 12.9 | 74.8 | 31 | 12 | GEOP | 150 | 12 | 0 | 81.7 | 122.4 | 145.3 | 5 |
| 43295 | 13.0 | 77.6 | 921 | 00 | GEOP | 100 | 12 | 0 | 110.4 | -9.4 | 106.1 | 3 |
| 43295 | 13.0 | 77.6 | 921 | 12 | GEOP | 250 | 16 | 0 | 87.2 | -29.7 | 89.5 | 8 |
| 43346 | 10.9 | 79.8 | 7 | 00 | GEOP | 400 | 10 | 0 | 75.6 | -16.9 | 73.7 | 5 |
| 43353 | 9.9 | 76.3 | 3 | 00 | GEOP | 150 | 18 | 0 | 80.7 | -64.3 | 101.4 | 3 |
| 43371 | 8.5 | 76.9 | 64 | 00 | GEOP | 30 | 12 | 0 | 225.4 | -45.7 | 220.5 | 10 |
| 43371 | 8.5 | 76.9 | 64 | 12 | GEOP | 50 | 15 | 0 | 144.6 | 78.9 | 160.5 | 6 |
| 57083 | 34.7 | 113.7 | 111 | 00 | GEOP | 100 | 23 | 0 | 73.5 | 109.7 | 131.1 | 3 |

WMO REGION 3

| STN No. | LAT | LONGHT(M) | TIME | ELEM | LEV | NOBS | NGE | SD | BIAS | RMS | SUSPECT | |
|---------|------|-----------|------|------|------|------|-----|----|------|------|---------|---|
| 84378 | -3.7 | -73.3 | 117 | 12 | GEOP | 1000 | 15 | 0 | 9.2 | 57.9 | 58.6 | 4 |

WMO REGION 4

| STN No. | LAT | LONGHT(M) | TIME | ELEM | LEV | NOBS | NGE | SD | BIAS | RMS | SUSPECT | |
|---------|------|-----------|------|------|------|------|-----|----|------|------|---------|---|
| 72280 | 32.7 | -114.6 | 63 | 12 | GEOP | 1000 | 17 | 0 | 34.2 | 1.6 | 33.2 | 4 |
| 78866 | 18.0 | -63.1 | 9 | 12 | GEOP | 850 | 22 | 2 | 25.9 | 32.1 | 40.8 | 4 |

WMO REGION 5

| STN No. | LAT | LONGHT(M) | TIME | ELEM | LEV | NOBS | NGE | SD | BIAS | RMS | SUSPECT |
|---------|------|-----------|-------|------|-----|------|-----|------|-------|------|---------|
| 97180 | -5.1 | 119.6 | 14 00 | GEOP | 400 | 11 | 0 | 45.7 | -45.8 | 63.2 | 5 |

WMO REGION 6

| STN No. | LAT | LONGHT(M) | TIME | ELEM | LEV | NOBS | NGE | SD | BIAS | RMS | SUSPECT |
|---------|------|-----------|-------|------|-----|------|-----|------|------|------|---------|
| 34247 | 50.4 | 41.0 | 92 12 | GEOP | 250 | 31 | 0 | 23.0 | 63.9 | 67.8 | 3 |

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 | 400 | 26 | 0 | 57.2 | 39.4 | 68.6 | 4 |
| 89009 | -90.0 | 0.0 | 2835 00 | GEOP | 400 | 27 | 7 | 61.7 | 86.9 | 105.7 | 10 |
| 89022 | -75.6 | -26.3 | 30 12 | GEOP | 500 | 19 | 2 | 66.6 | 26.2 | 69.8 | 11 |
| 89062 | -67.6 | -68.1 | 16 12 | GEOP | 925 | 16 | 1 | 34.2 | -28.6 | 43.7 | 8 |
| 89642 | -66.7 | 140.0 | 41 00 | GEOP | 1000 | 30 | 0 | 27.4 | -20.8 | 34.1 | 3 |
| 89664 | -77.8 | 166.7 | 24 00 | GEOP | 500 | 21 | 5 | 64.6 | 42.6 | 75.7 | 8 |

LIST OF SUSPECT SHIPS FOR MAY 2004

WIND DIRECTION

| SHIP No. | LAT/LONG | TIME | ELEM | NOBS | NGE | PGE | SD | BIAS | RMS |
|----------|-------------|------|------|------|-----|-----|------|--------|-------|
| 4XFN | 35.7 -123.7 | ALL | DD | 20 | 0 | 0 | 39.7 | 33.2 | 50.9 |
| AVOSTEST | 47.5 -52.8 | ALL | DD | 21 | 0 | 0 | 21.1 | -124.2 | 125.9 |
| C6SI3 | 54.7 -178.5 | ALL | DD | 36 | 0 | 0 | 30.6 | 33.5 | 45.1 |

WIND SPEED

| SHIP No. | LAT/LONG | TIME | ELEM | NOBS | NGE | PGE | SD | BIAS | RMS |
|----------|-------------|------|------|------|-----|-----|-----|------|------|
| 3FFL8 | 31.4 -79.5 | ALL | FF | 21 | 0 | 0 | 7.7 | 7.2 | 10.4 |
| 3FZM6 | -10.8 152.0 | ALL | FF | 28 | 5 | 18 | 3.9 | 7.7 | 8.6 |
| ELTY4 | -31.4 16.5 | ALL | FF | 31 | 0 | 0 | 6.0 | 11.1 | 12.6 |
| GRFP | 41.2 5.0 | ALL | FF | 22 | 2 | 9 | 5.8 | 15.1 | 16.1 |
| H9TE | 25.7 55.2 | ALL | FF | 25 | 2 | 8 | 4.9 | 5.1 | 7.0 |
| HP6038 | 46.4 -48.4 | ALL | FF | 124 | 0 | 0 | 3.5 | 5.8 | 6.7 |
| MSG54 | 42.0 29.5 | ALL | FF | 23 | 0 | 0 | 4.2 | 6.5 | 7.7 |
| OUEV | 62.3 -7.3 | ALL | FF | 32 | 0 | 0 | 5.1 | 6.3 | 8.0 |
| OWEN2 | 55.6 0.4 | ALL | FF | 52 | 0 | 0 | 2.8 | 5.0 | 5.7 |
| SCKM | 51.1 -24.4 | ALL | FF | 33 | 1 | 3 | 3.5 | 7.6 | 8.3 |
| UCMQ | 66.7 10.3 | ALL | FF | 24 | 10 | 42 | 3.4 | 2.6 | 4.2 |
| UIHY | 50.3 140.4 | ALL | FF | 24 | 0 | 0 | 4.9 | 5.7 | 7.5 |
| V2AW5 | 36.2 -8.2 | ALL | FF | 26 | 0 | 0 | 9.4 | 6.1 | 11.1 |
| VEP717 | 46.7 -48.7 | ALL | FF | 114 | 0 | 0 | 4.1 | 5.8 | 7.0 |
| VLTT | -40.3 147.0 | ALL | FF | 94 | 0 | 0 | 4.6 | 5.3 | 6.9 |
| VMGO | -39.8 145.5 | ALL | FF | 33 | 0 | 0 | 6.8 | 6.0 | 9.0 |
| VQHO7 | 14.4 42.2 | ALL | FF | 66 | 1 | 2 | 6.2 | 7.6 | 9.8 |
| VRYS8 | 18.5 123.9 | ALL | FF | 33 | 0 | 0 | 4.5 | 6.7 | 8.0 |
| WCY5331 | 43.7 -60.5 | ALL | FF | 20 | 0 | 0 | 3.8 | 5.1 | 6.3 |
| WNGW | 58.8 -152.1 | ALL | FF | 28 | 0 | 0 | 3.9 | 5.1 | 6.4 |
| YJUF7 | 46.7 -48.0 | ALL | FF | 124 | 0 | 0 | 3.5 | 5.0 | 6.1 |

MEAN SEA LEVEL PRESSURE

| SHIP No. | LAT/LONG | TIME | ELEM | NOBS | NGE | PGE | SD | BIAS | RMS |
|----------|-------------|------|------|------|-----|-----|-----|-------|------|
| A8AL8 | 10.1 71.8 | ALL | MSLP | 20 | 0 | 0 | 2.7 | 4.9 | 5.6 |
| A8CN8 | 46.2 -160.2 | ALL | MSLP | 40 | 0 | 0 | 1.0 | 5.2 | 5.3 |
| AVOSTEST | 47.5 -52.8 | ALL | MSLP | 96 | 96 | 100 | ** | ** | ** |
| C6KJ5 | 25.7 -79.9 | ALL | MSLP | 45 | 12 | 27 | 1.0 | -2.5 | 2.7 |
| C6QK | 39.6 -69.7 | ALL | MSLP | 45 | 0 | 0 | 1.5 | 4.3 | 4.6 |
| C6TC2 | 26.4 128.3 | ALL | MSLP | 27 | 0 | 0 | 0.7 | 4.7 | 4.7 |
| CG2522 | 61.9 -121.4 | ALL | MSLP | 36 | 35 | 97 | 0.0 | -13.8 | 13.8 |
| CG2992 | 60.9 -115.7 | ALL | MSLP | 21 | 21 | 100 | ** | ** | ** |
| DQVM | 11.6 60.8 | ALL | MSLP | 23 | 0 | 0 | 1.0 | 4.4 | 4.5 |
| ELVY8 | -24.3 154.0 | ALL | MSLP | 21 | 0 | 0 | 1.6 | -6.1 | 6.3 |
| ELZN3 | 48.2 -133.9 | ALL | MSLP | 62 | 2 | 3 | 2.0 | 6.3 | 6.6 |
| KS005 | 25.7 -79.3 | ALL | MSLP | 53 | 0 | 0 | 0.6 | -4.6 | 4.6 |
| KS006 | 18.4 -64.6 | ALL | MSLP | 113 | 0 | 0 | 0.6 | 4.9 | 4.9 |

| SHIP No. | LAT/LONG | | TIME | ELEM | NOBS | NGE | PGE | SD | BIAS | RMS |
|----------|----------|--------|------|------|------|-----|-----|-----|------|-----|
| OZTS2 | 54.9 | 6.1 | ALL | MSLP | 24 | 0 | 0 | 1.0 | 4.2 | 4.3 |
| UANF | 57.4 | 17.6 | ALL | MSLP | 29 | 0 | 0 | 1.2 | 4.6 | 4.7 |
| UCCH | 47.8 | 141.0 | ALL | MSLP | 30 | 0 | 0 | 1.2 | 5.2 | 5.4 |
| UCJL | 56.3 | 4.0 | ALL | MSLP | 34 | 0 | 0 | 4.7 | 6.1 | 7.6 |
| VRYO2 | 11.2 | 110.7 | ALL | MSLP | 41 | 0 | 0 | 1.3 | 4.6 | 4.8 |
| WDJK | 25.7 | -157.5 | ALL | MSLP | 27 | 0 | 0 | 0.8 | -4.6 | 4.6 |
| WSRH | 23.8 | -153.7 | ALL | MSLP | 46 | 0 | 0 | 1.6 | -4.3 | 4.6 |

SEA SURFACE TEMPERATURE

| SHIP No. | LAT/LONG | | TIME | ELEM | NOBS | NGE | PGE | SD | BIAS | RMS |
|----------|----------|--------|------|------|------|-----|-----|-----|------|-----|
| 3FKM8 | 22.9 | 133.0 | ALL | SST | 24 | 0 | 0 | 1.8 | -3.4 | 3.8 |
| 3FOU4 | 46.4 | 152.1 | ALL | SST | 36 | 0 | 0 | 1.0 | 3.2 | 3.3 |
| 3FPA6 | 53.8 | 178.3 | ALL | SST | 65 | 0 | 0 | 0.9 | 3.2 | 3.3 |
| A8CF6 | 22.1 | -109.6 | ALL | SST | 55 | 0 | 0 | 2.9 | 3.1 | 4.2 |
| A8DO8 | 32.6 | 132.2 | ALL | SST | 87 | 6 | 7 | 1.5 | 3.5 | 3.8 |
| C6KJ5 | 25.7 | -79.9 | ALL | SST | 45 | 0 | 0 | 1.5 | 3.4 | 3.7 |
| C6QO9 | 42.7 | 149.8 | ALL | SST | 21 | 0 | 0 | 1.2 | 4.6 | 4.7 |
| CG2350 | 42.9 | -82.4 | ALL | SST | 91 | 10 | 11 | 3.8 | -4.0 | 5.5 |
| CGDR | 48.4 | -123.4 | ALL | SST | 26 | 0 | 0 | 2.6 | 3.7 | 4.6 |
| CYGR | 49.1 | -67.6 | ALL | SST | 22 | 2 | 9 | 4.1 | -4.4 | 5.9 |
| DBFH | 53.2 | 8.6 | ALL | SST | 50 | 2 | 4 | 4.0 | 3.1 | 5.0 |
| DBJM | 53.5 | 8.6 | ALL | SST | 120 | 0 | 0 | 3.2 | 3.9 | 5.1 |
| DGGV | 44.4 | 160.2 | ALL | SST | 72 | 0 | 0 | 1.1 | 3.0 | 3.2 |
| ELVB3 | 52.9 | -154.9 | ALL | SST | 59 | 0 | 0 | 1.4 | 3.2 | 3.5 |
| FNJI | 42.7 | 5.1 | ALL | SST | 57 | 0 | 0 | 2.0 | 3.6 | 4.2 |
| FNMT | 49.7 | -0.4 | ALL | SST | 30 | 0 | 0 | 2.6 | -3.6 | 4.4 |
| HOMQ | 18.2 | 118.2 | ALL | SST | 23 | 0 | 0 | 1.5 | 3.1 | 3.5 |
| KGJD | -34.3 | 24.9 | ALL | SST | 102 | 60 | 59 | 4.1 | 0.8 | 4.1 |
| KRPB | 38.6 | -19.7 | ALL | SST | 53 | 0 | 0 | 1.8 | -3.2 | 3.7 |
| LAON4 | 42.9 | 145.8 | ALL | SST | 60 | 1 | 2 | 1.8 | 3.3 | 3.7 |
| PFEI | 8.5 | 109.3 | ALL | SST | 34 | 0 | 0 | 1.3 | 4.0 | 4.2 |
| PHPO | 25.2 | 56.4 | ALL | SST | 26 | 2 | 8 | 1.0 | -3.3 | 3.4 |
| PJVQ | -33.2 | 14.7 | ALL | SST | 26 | 0 | 0 | 2.8 | -3.3 | 4.3 |
| PPSV | 1.9 | -29.6 | ALL | SST | 34 | 0 | 0 | 1.5 | -3.5 | 3.8 |
| S6IW | 30.6 | 129.6 | ALL | SST | 63 | 1 | 2 | 3.5 | 4.2 | 5.5 |
| UANF | 57.4 | 17.6 | ALL | SST | 29 | 0 | 0 | 1.3 | 4.3 | 4.5 |
| UCEF | 45.4 | 140.8 | ALL | SST | 27 | 0 | 0 | 2.8 | 3.3 | 4.3 |
| UCMS | 70.6 | 18.9 | ALL | SST | 25 | 0 | 0 | 1.9 | 4.3 | 4.7 |
| V2AC6 | 39.9 | 138.2 | ALL | SST | 26 | 0 | 0 | 2.0 | 3.1 | 3.6 |
| VCJM | 41.8 | -82.0 | ALL | SST | 28 | 9 | 32 | 2.4 | -5.7 | 6.1 |
| VCLX | 44.0 | -82.5 | ALL | SST | 29 | 10 | 34 | 2.4 | -5.7 | 6.2 |
| VCPX | 44.2 | -82.5 | ALL | SST | 22 | 4 | 18 | 2.6 | -3.1 | 4.0 |
| VDLC | 43.5 | -79.5 | ALL | SST | 38 | 13 | 34 | 4.1 | -4.6 | 6.1 |
| VDRV | 47.0 | -85.7 | ALL | SST | 20 | 4 | 20 | 2.3 | -6.0 | 6.4 |
| VGKK | 45.4 | -81.9 | ALL | SST | 20 | 8 | 40 | 1.9 | -6.5 | 6.7 |
| VOCJ | 46.2 | -60.2 | ALL | SST | 114 | 3 | 3 | 2.6 | 4.6 | 5.3 |
| WAAH | 46.7 | -32.7 | ALL | SST | 60 | 0 | 0 | 2.1 | 3.3 | 3.9 |
| WCW9126 | 60.8 | -151.3 | ALL | SST | 30 | 3 | 10 | 1.9 | 5.2 | 5.5 |
| WE4879 | 47.5 | -87.3 | ALL | SST | 20 | 9 | 45 | 2.2 | -5.4 | 5.8 |
| WQZ9670 | 47.4 | -88.8 | ALL | SST | 21 | 10 | 48 | 2.7 | -4.3 | 5.0 |
| YJQA8 | 44.5 | 145.2 | ALL | SST | 36 | 2 | 6 | 3.1 | 4.1 | 5.1 |
| UDUR | 20.8 | -6.9 | ALL | SST | 30 | 1 | 3 | 2.8 | -5.9 | 6.5 |

LIST OF SUSPECT BUOYS FOR MAY 2004

WIND DIRECTION

| BUOY No. | LAT/LONG | | TIME | ELEM | NOBS | NGE | PGE | SD | BIAS | RMS |
|----------|----------|-------|------|------|------|-----|-----|------|------|------|
| 22103 | 34.0 | 127.5 | ALL | DD | 31 | 31 | 100 | ** | ** | ** |
| 52523 | 23.6 | 122.5 | ALL | DD | 34 | 0 | 0 | 56.9 | 36.1 | 66.7 |
| 52651 | 24.5 | 147.9 | ALL | DD | 31 | 0 | 0 | 18.2 | 34.7 | 39.1 |

WIND SPEED

| BUOY No. | LAT/LONG | | TIME | ELEM | NOBS | NGE | PGE | SD | BIAS | RMS |
|----------|----------|-------|------|------|------|-----|-----|-----|------|------|
| 22101 | 37.2 | 126.0 | ALL | FF | 57 | 33 | 58 | 5.4 | 12.9 | 14.0 |
| 22102 | 34.8 | 125.8 | ALL | FF | 27 | 20 | 74 | 9.8 | 8.5 | 12.5 |
| 22103 | 34.0 | 127.5 | ALL | FF | 111 | 90 | 81 | 5.9 | 11.4 | 12.8 |
| 22104 | 34.8 | 128.9 | ALL | FF | 74 | 52 | 70 | 8.1 | 10.9 | 13.5 |
| 22105 | 37.5 | 130.0 | ALL | FF | 99 | 77 | 78 | 7.4 | 13.6 | 15.4 |

MEAN SEA LEVEL PRESSURE

| BUOY No. | LAT/LONG | TIME | ELEM | NOBS | NGE | PGE | SD | BIAS | RMS |
|----------|--------------|------|------|------|-----|-----|-----|------|------|
| 25572 | 87.3 -130.6 | ALL | MSLP | 111 | 73 | 66 | 5.1 | 7.7 | 9.2 |
| 52650 | 18.0 127.1 | ALL | MSLP | 48 | 21 | 44 | 2.0 | 1.5 | 2.4 |
| 55613 | -47.5 -143.4 | ALL | MSLP | 45 | 7 | 16 | 9.5 | -3.6 | 10.1 |
| 71618 | -66.1 -11.9 | ALL | MSLP | 121 | 16 | 13 | 6.6 | -0.8 | 6.6 |

SEA SURFACE TEMPERATURE

| BUOY No. | LAT/LONG | TIME | ELEM | NOBS | NGE | PGE | SD | BIAS | RMS |
|----------|-------------|------|------|------|-----|-----|-----|------|-----|
| 32693 | 10.2 -137.6 | ALL | SST | 111 | 0 | 0 | 0.3 | 3.3 | 3.3 |
| 44509 | 46.8 -48.2 | ALL | SST | 68 | 10 | 15 | 4.6 | 3.5 | 5.8 |
| 44510 | 50.1 -50.5 | ALL | SST | 95 | 39 | 41 | 1.8 | 0.2 | 1.8 |
| 44511 | 40.6 -49.8 | ALL | SST | 111 | 0 | 0 | 1.6 | -5.8 | 6.0 |
| 46972 | 18.9 -179.2 | ALL | SST | 23 | 0 | 0 | 0.4 | 4.9 | 4.9 |
| 55025 | -33.9 151.3 | ALL | SST | 38 | 1 | 3 | 4.1 | 4.5 | 6.1 |

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