

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

**LIST OF SUSPECT LAND SURFACE STATIONS FOR MAR 2002**

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WMO REGION 1

| STN NO. | LAT  | LONG | HT (M) | TIME | ELEM | NOBS | NGE | PGE | SD  | BIAS | RMS  |
|---------|------|------|--------|------|------|------|-----|-----|-----|------|------|
| 63330   | 13.5 | 39.5 | 2070   | ALL  | MSLP | 45   | 12  | 27  | 2.2 | 11.6 | 11.8 |
| 63333   | 11.1 | 39.7 | 1903   | ALL  | MSLP | 48   | 0   | 0   | 2.1 | 5.5  | 5.9  |
| 63402   | 7.7  | 36.8 | 1725   | ALL  | MSLP | 34   | 0   | 0   | 2.7 | -7.4 | 7.9  |
| 63478   | 5.9  | 43.6 | 295    | ALL  | MSLP | 40   | 0   | 0   | 1.2 | 5.8  | 5.9  |

WMO REGION 2

| STN NO. | LAT  | LONG  | HT (M) | TIME | ELEM | NOBS | NGE | PGE | SD  | BIAS | RMS |
|---------|------|-------|--------|------|------|------|-----|-----|-----|------|-----|
| 24688   | 63.3 | 143.1 | 741    | ALL  | MSLP | 124  | 3   | 2   | 4.5 | 4.1  | 6.1 |
| 24962   | 60.9 | 132.0 | 146    | ALL  | MSLP | 44   | 44  | 100 | **  | **   | **  |
| 30967   | 49.9 | 115.8 | 623    | ALL  | MSLP | 90   | 0   | 0   | 2.2 | -7.3 | 7.6 |
| 38933   | 37.8 | 68.8  | 429    | ALL  | MSLP | 84   | 0   | 0   | 3.0 | 6.6  | 7.2 |
| 40700   | 39.7 | 48.1  | 45     | ALL  | MSLP | 81   | 1   | 1   | 1.7 | -4.4 | 4.7 |
| 40741   | 36.5 | 61.2  | 236    | ALL  | MSLP | 81   | 0   | 0   | 2.2 | -5.1 | 5.5 |
| 44203   | 51.1 | 99.7  | 1583   | ALL  | MSLP | 118  | 16  | 14  | 4.6 | 5.1  | 6.9 |
| 44212   | 49.8 | 92.1  | 936    | ALL  | MSLP | 115  | 47  | 41  | 4.8 | 8.1  | 9.4 |
| 44213   | 49.7 | 94.4  | 1232   | ALL  | MSLP | 118  | 32  | 27  | 5.0 | 7.1  | 8.7 |
| 44218   | 48.0 | 91.7  | 1406   | ALL  | MSLP | 120  | 9   | 8   | 6.7 | 2.0  | 7.0 |
| 44225   | 48.7 | 98.3  | 1723   | ALL  | MSLP | 123  | 37  | 30  | 5.2 | 6.1  | 8.0 |
| 44265   | 46.1 | 91.6  | 1186   | ALL  | MSLP | 116  | 11  | 9   | 3.0 | 7.9  | 8.4 |
| 44284   | 46.7 | 100.1 | 2117   | ALL  | MSLP | 123  | 37  | 30  | 5.0 | 8.3  | 9.7 |
| 44287   | 46.1 | 100.7 | 1860   | ALL  | MSLP | 123  | 2   | 2   | 4.6 | 4.1  | 6.2 |
| 48920   | 8.6  | 111.9 | 3      | ALL  | MSLP | 114  | 0   | 0   | 1.5 | -4.5 | 4.7 |
| 51076   | 47.7 | 88.1  | 737    | ALL  | MSLP | 124  | 0   | 0   | 2.1 | 5.0  | 5.4 |
| 51087   | 47.0 | 89.5  | 827    | ALL  | MSLP | 124  | 0   | 0   | 2.4 | 4.9  | 5.5 |
| 51156   | 46.8 | 85.7  | 1294   | ALL  | MSLP | 124  | 0   | 0   | 2.8 | 4.8  | 5.6 |
| 51243   | 45.6 | 84.8  | 428    | ALL  | MSLP | 124  | 0   | 0   | 3.5 | 5.3  | 6.3 |
| 51334   | 44.6 | 82.9  | 321    | ALL  | MSLP | 123  | 2   | 2   | 3.8 | 6.2  | 7.2 |
| 51379   | 44.0 | 89.6  | 794    | ALL  | MSLP | 122  | 0   | 0   | 3.9 | 4.7  | 6.1 |
| 51463   | 43.8 | 87.6  | 919    | ALL  | MSLP | 124  | 1   | 1   | 3.4 | 4.7  | 5.8 |
| 51495   | 43.5 | 91.6  | 874    | ALL  | MSLP | 122  | 0   | 0   | 2.6 | 8.0  | 8.4 |
| 51716   | 39.8 | 78.6  | 1117   | ALL  | MSLP | 124  | 0   | 0   | 3.3 | -4.5 | 5.6 |
| 51730   | 40.5 | 81.1  | 1013   | ALL  | MSLP | 123  | 3   | 2   | 2.7 | -4.6 | 5.3 |

WMO REGION 3

| STN NO. | LAT   | LONG  | HT (M) | TIME | ELEM | NOBS | NGE | PGE | SD  | BIAS | RMS  |
|---------|-------|-------|--------|------|------|------|-----|-----|-----|------|------|
| 80099   | 7.1   | -70.7 | 128    | ALL  | MSLP | 48   | 0   | 0   | 1.5 | -4.5 | 4.8  |
| 80398   | -4.2  | -69.9 | 84     | ALL  | MSLP | 84   | 0   | 0   | 1.4 | 4.3  | 4.5  |
| 82212   | -2.5  | -66.2 | 55     | ALL  | MSLP | 79   | 0   | 0   | 1.6 | 4.3  | 4.5  |
| 82425   | -4.9  | -63.1 | 46     | ALL  | MSLP | 85   | 0   | 0   | 1.4 | 4.2  | 4.4  |
| 82917   | -10.0 | -67.8 | 143    | ALL  | MSLP | 95   | 0   | 0   | 1.2 | 4.4  | 4.5  |
| 83214   | -10.3 | -54.9 | 285    | ALL  | MSLP | 85   | 0   | 0   | 4.8 | -4.6 | 6.6  |
| 83319   | -14.7 | -52.3 | 315    | ALL  | MSLP | 85   | 0   | 0   | 1.3 | 4.9  | 5.1  |
| 83919   | -28.7 | -50.4 | 1048   | ALL  | MSLP | 86   | 0   | 0   | 1.6 | 5.1  | 5.4  |
| 84377   | -3.8  | -73.3 | 126    | ALL  | MSLP | 86   | 0   | 0   | 1.4 | 5.1  | 5.3  |
| 84425   | -5.9  | -76.1 | 184    | ALL  | MSLP | 63   | 0   | 0   | 1.6 | 8.0  | 8.2  |
| 84455   | -6.4  | -76.4 | 282    | ALL  | MSLP | 70   | 0   | 0   | 1.7 | 10.1 | 10.2 |
| 84501   | -8.1  | -79.0 | 30     | ALL  | MSLP | 83   | 0   | 0   | 1.7 | 4.4  | 4.8  |
| 84782   | -18.1 | -70.3 | 458    | ALL  | MSLP | 82   | 0   | 0   | 1.5 | 6.7  | 6.9  |
| 85041   | -11.0 | -68.8 | 235    | ALL  | MSLP | 61   | 0   | 0   | 1.4 | 8.7  | 8.8  |
| 85141   | -14.5 | -67.6 | 204    | ALL  | MSLP | 57   | 0   | 0   | 2.1 | 5.9  | 6.2  |
| 85152   | -14.9 | -66.9 | 194    | ALL  | MSLP | 58   | 0   | 0   | 1.8 | 5.0  | 5.3  |

| STN NO. | LAT   | LONG  | HT (M) | TIME | ELEM | NOBS | NGE | PGE | SD  | BIAS | RMS |
|---------|-------|-------|--------|------|------|------|-----|-----|-----|------|-----|
| 85195   | -16.3 | -62.5 | 534    | ALL  | MSLP | 51   | 0   | 0   | 1.5 | 4.2  | 4.4 |
| 85365   | -22.0 | -63.7 | 645    | ALL  | MSLP | 53   | 0   | 0   | 2.1 | 5.4  | 5.8 |
| 85394   | -22.8 | -64.3 | 381    | ALL  | MSLP | 25   | 0   | 0   | 3.2 | 7.8  | 8.5 |
| 85406   | -18.4 | -70.3 | 55     | ALL  | MSLP | 122  | 0   | 0   | 1.7 | 4.3  | 4.6 |

WMO REGION 4

| STN NO. | LAT  | LONG   | HT (M) | TIME | ELEM | NOBS | NGE | PGE | SD  | BIAS  | RMS  |
|---------|------|--------|--------|------|------|------|-----|-----|-----|-------|------|
| 71094   | 66.6 | -61.6  | 393    | ALL  | MSLP | 123  | 0   | 0   | 2.3 | -4.4  | 4.9  |
| 71177   | 57.1 | -61.5  | 834    | ALL  | MSLP | 122  | 0   | 0   | 2.5 | -4.5  | 5.2  |
| 71243   | 49.7 | -112.8 | 291    | ALL  | MSLP | 122  | 6   | 5   | 5.0 | 5.6   | 7.4  |
| 71506   | 67.0 | -136.2 | 720    | ALL  | MSLP | 124  | 0   | 0   | 1.8 | -4.5  | 4.8  |
| 72375   | 35.1 | -11.2  | 2139   | ALL  | MSLP | 117  | 11  | 9   | 6.9 | -2.4  | 7.3  |
| 76118   | 30.4 | -109.7 | 1040   | ALL  | MSLP | 31   | 2   | 6   | 1.0 | -13.2 | 13.3 |
| 76220   | 29.0 | -107.8 | 1870   | ALL  | MSLP | 73   | 15  | 21  | 4.2 | 7.6   | 8.7  |
| 76243   | 28.7 | -100.5 | 250    | ALL  | MSLP | 89   | 1   | 1   | 2.2 | 5.0   | 5.5  |
| 76323   | 26.9 | -105.7 | 1744   | ALL  | MSLP | 87   | 0   | 0   | 5.0 | 4.6   | 6.7  |
| 76625   | 20.6 | -100.4 | 1813   | ALL  | MSLP | 55   | 0   | 0   | 3.2 | -4.5  | 5.5  |
| 76658   | 19.2 | -103.7 | 494    | ALL  | MSLP | 39   | 0   | 0   | 1.4 | 4.8   | 5.0  |
| 76743   | 18.0 | -92.9  | 10     | ALL  | MSLP | 58   | 0   | 0   | 1.7 | 6.1   | 6.3  |
| 76762   | 17.5 | -99.5  | 1865   | ALL  | MSLP | 73   | 0   | 0   | 2.1 | -4.7  | 5.1  |
| 76773   | 17.8 | -97.8  | 1680   | ALL  | MSLP | 37   | 0   | 0   | 2.7 | 4.2   | 4.9  |
| 76843   | 16.8 | -93.1  | 528    | ALL  | MSLP | 89   | 0   | 0   | 1.2 | 5.8   | 6.0  |
| 76855   | 15.6 | -96.5  | 43     | ALL  | MSLP | 29   | 0   | 0   | 1.4 | -5.5  | 5.7  |
| 76903   | 14.9 | -92.3  | 182    | ALL  | MSLP | 97   | 0   | 0   | 1.5 | 6.2   | 6.3  |

WMO REGION 5

| STN NO. | LAT   | LONG  | HT (M) | TIME | ELEM | NOBS | NGE | PGE | SD  | BIAS  | RMS  |
|---------|-------|-------|--------|------|------|------|-----|-----|-----|-------|------|
| 92010   | -6.1  | 145.4 | 1587   | ALL  | MSLP | 41   | 0   | 0   | 1.2 | 9.0   | 9.1  |
| 97378   | -10.7 | 123.1 | 1      | ALL  | MSLP | 35   | 26  | 74  | 3.3 | -13.4 | 13.8 |

LIST OF SUSPECT RADIOSONDE STATIONS FOR MAR 2002

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WMO REGION 2

| STN NO. | LAT  | LONG  | HT (M) | TIME | ELEM | LEV | NOBS | NGE | SD    | BIAS   | RMS   | SUSPECT |
|---------|------|-------|--------|------|------|-----|------|-----|-------|--------|-------|---------|
| 20674   | 73.5 | 80.4  | 47     | 12   | GEOP | 50  | 15   | 4   | 120.1 | 259.9  | 284.0 | 6       |
| 23933   | 61.0 | 69.0  | 46     | 12   | GEOP | 50  | 20   | 0   | 50.5  | 136.1  | 144.7 | 3       |
| 31168   | 56.5 | 138.1 | 8      | 00   | GEOP | 100 | 18   | 2   | 59.1  | 100.9  | 116.0 | 3       |
| 32098   | 49.2 | 143.1 | 8      | 00   | GEOP | 150 | 21   | 0   | 57.2  | 119.5  | 131.9 | 5       |
| 42101   | 30.3 | 76.5  | 251    | 00   | GEOP | 200 | 23   | 0   | 45.4  | -89.0  | 99.4  | 8       |
| 42182   | 28.6 | 77.2  | 216    | 00   | GEOP | 100 | 27   | 0   | 64.3  | -130.5 | 145.0 | 5       |
| 42314   | 27.5 | 95.0  | 111    | 12   | GEOP | 200 | 19   | 0   | 59.2  | -90.0  | 106.9 | 6       |
| 42339   | 26.3 | 73.0  | 224    | 00   | GEOP | 300 | 25   | 0   | 70.8  | 5.6    | 69.6  | 5       |
| 42339   | 26.3 | 73.0  | 224    | 12   | GEOP | 150 | 17   | 2   | 119.3 | -107.7 | 157.7 | 7       |
| 42361   | 26.2 | 78.3  | 207    | 00   | GEOP | 300 | 10   | 1   | 27.7  | -90.1  | 93.8  | 3       |
| 42361   | 26.2 | 78.3  | 207    | 12   | GEOP | 200 | 11   | 1   | 75.2  | -97.3  | 120.6 | 5       |
| 42369   | 26.8 | 80.9  | 128    | 00   | GEOP | 100 | 13   | 0   | 61.9  | -101.8 | 117.9 | 5       |
| 42369   | 26.8 | 80.9  | 128    | 12   | GEOP | 200 | 15   | 0   | 46.5  | -76.5  | 88.7  | 4       |
| 42397   | 26.7 | 88.4  | 123    | 00   | GEOP | 200 | 14   | 0   | 61.9  | -127.6 | 140.8 | 4       |
| 42397   | 26.7 | 88.4  | 123    | 12   | GEOP | 200 | 19   | 1   | 35.7  | -95.7  | 101.8 | 7       |
| 42410   | 26.1 | 91.6  | 54     | 12   | GEOP | 200 | 14   | 0   | 61.5  | -53.2  | 79.6  | 3       |
| 42492   | 25.6 | 85.1  | 60     | 00   | GEOP | 250 | 10   | 0   | 102.8 | -27.0  | 101.2 | 4       |
| 42647   | 23.1 | 72.6  | 55     | 00   | GEOP | 70  | 11   | 1   | 112.7 | -161.6 | 193.8 | 7       |
| 42647   | 23.1 | 72.6  | 55     | 12   | GEOP | 50  | 13   | 2   | 173.3 | 206.2  | 264.2 | 9       |
| 42667   | 23.3 | 77.3  | 523    | 00   | GEOP | 200 | 19   | 1   | 70.1  | -109.9 | 129.4 | 5       |
| 42667   | 23.3 | 77.3  | 523    | 12   | GEOP | 150 | 19   | 0   | 84.7  | -59.2  | 101.5 | 4       |
| 42701   | 23.3 | 85.3  | 652    | 00   | GEOP | 250 | 22   | 1   | 86.2  | -52.0  | 98.9  | 7       |
| 42701   | 23.3 | 85.3  | 652    | 12   | GEOP | 200 | 12   | 2   | 48.2  | -66.3  | 80.6  | 4       |
| 42724   | 23.9 | 91.3  | 16     | 00   | GEOP | 150 | 20   | 0   | 79.1  | -96.8  | 123.8 | 8       |
| 42724   | 23.9 | 91.3  | 16     | 12   | GEOP | 150 | 18   | 0   | 57.3  | -143.2 | 153.7 | 7       |
| 42867   | 21.1 | 79.1  | 310    | 00   | GEOP | 150 | 24   | 0   | 59.4  | -97.0  | 113.1 | 5       |
| 42971   | 20.3 | 85.8  | 46     | 00   | GEOP | 30  | 20   | 2   | 114.5 | 206.6  | 234.7 | 3       |
| 43003   | 19.1 | 72.8  | 14     | 00   | GEOP | 100 | 13   | 1   | 85.6  | -139.3 | 161.7 | 5       |
| 43003   | 19.1 | 72.8  | 14     | 12   | GEOP | 200 | 22   | 0   | 89.0  | 59.9   | 105.6 | 5       |
| 43128   | 17.5 | 78.5  | 545    | 00   | GEOP | 150 | 28   | 2   | 73.3  | -127.2 | 146.1 | 9       |
| 43185   | 16.2 | 81.2  | 3      | 12   | GEOP | 200 | 23   | 0   | 77.9  | 46.4   | 89.2  | 4       |
| 43192   | 15.5 | 73.8  | 60     | 00   | GEOP | 100 | 14   | 3   | 88.8  | -169.9 | 189.8 | 7       |
| 43279   | 13.0 | 80.2  | 16     | 00   | GEOP | 100 | 26   | 0   | 118.3 | -73.8  | 137.5 | 7       |
| 43295   | 13.0 | 77.6  | 921    | 00   | GEOP | 30  | 10   | 0   | 156.7 | 240.6  | 282.8 | 5       |
| 43311   | 11.1 | 72.7  | 4      | 00   | GEOP | 150 | 10   | 0   | 115.2 | -9.2   | 109.7 | 4       |
| 43333   | 11.7 | 92.7  | 79     | 12   | GEOP | 100 | 26   | 0   | 104.4 | -38.5  | 109.4 | 3       |
| 43346   | 10.9 | 79.8  | 7      | 00   | GEOP | 100 | 26   | 2   | 97.6  | -151.5 | 179.1 | 5       |
| 43346   | 10.9 | 79.8  | 7      | 12   | GEOP | 30  | 23   | 0   | 94.2  | 199.6  | 219.9 | 3       |
| 43353   | 9.9  | 76.3  | 3      | 00   | GEOP | 100 | 12   | 0   | 107.2 | -123.6 | 160.6 | 3       |
| 43369   | 8.3  | 73.2  | 2      | 00   | GEOP | 100 | 14   | 2   | 70.8  | -168.7 | 181.8 | 7       |
| 43369   | 8.3  | 73.2  | 2      | 12   | GEOP | 50  | 17   | 1   | 178.8 | 162.7  | 237.6 | 9       |
| 43371   | 8.5  | 76.9  | 64     | 00   | GEOP | 100 | 28   | 3   | 86.8  | -172.8 | 192.6 | 9       |
| 53463   | 40.8 | 111.7 | 1065   | 00   | GEOP | 250 | 29   | 0   | 42.2  | -75.2  | 85.9  | 3       |
| 53463   | 40.8 | 111.7 | 1065   | 12   | GEOP | 250 | 29   | 0   | 50.9  | -74.9  | 90.0  | 6       |

WMO REGION 3

| STN NO. | LAT   | LONG  | HT (M) | TIME | ELEM | LEV | NOBS | NGE | SD    | BIAS  | RMS   | SUSPECT |
|---------|-------|-------|--------|------|------|-----|------|-----|-------|-------|-------|---------|
| 83746   | -22.8 | -43.3 | 6      | 12   | GEOP | 30  | 18   | 0   | 108.7 | 180.8 | 209.4 | 8       |

## WMO REGION 6

| STN NO. | LAT  | LONG | HT (M) | TIME | ELEM | LEV | NOBS | NGE | SD    | BIAS   | RMS   | SUSPECT |
|---------|------|------|--------|------|------|-----|------|-----|-------|--------|-------|---------|
| 26477   | 56.3 | 30.6 | 106    | 12   | GEOP | 200 | 15   | 0   | 53.3  | 88.7   | 102.6 | 6       |
| 33631   | 48.6 | 22.3 | 124    | 00   | GEOP | 100 | 10   | 0   | 30.7  | -115.7 | 119.3 | 3       |
| 33837   | 46.4 | 30.8 | 42     | 00   | GEOP | 70  | 20   | 1   | 154.0 | 3.2    | 150.0 | 6       |
| 34247   | 50.4 | 41.0 | 92     | 12   | GEOP | 250 | 30   | 0   | 38.4  | 85.3   | 93.3  | 8       |

## WMO REGION ANTARCTICA

| STN NO. | LAT   | LONG  | HT (M) | TIME | ELEM | LEV  | NOBS | NGE | SD   | BIAS  | RMS  | SUSPECT |
|---------|-------|-------|--------|------|------|------|------|-----|------|-------|------|---------|
| 89642   | -66.7 | 140.0 | 43     | 00   | GEOP | 1000 | 31   | 2   | 23.5 | -21.2 | 31.4 | 3       |

LIST OF SUSPECT SHIPS FOR MAR 2002

| SHIP NO.       | LAT/LONG |        | TIME | ELEM | NOBS | NGE | PGE | SD    | BIAS  | RMS   |
|----------------|----------|--------|------|------|------|-----|-----|-------|-------|-------|
| WIND DIRECTION |          |        |      |      |      |     |     |       |       |       |
| 3FGN3          | 33.5     | 136.6  | ALL  | DD   | 23   | 0   | 0   | 95.4  | 2.6   | 93.3  |
| 3FNE9          | 30.0     | 140.5  | ALL  | DD   | 27   | 0   | 0   | 115.1 | 63.0  | 129.3 |
| 3FQO4          | 17.0     | 119.4  | ALL  | DD   | 25   | 1   | 4   | 108.1 | -30.5 | 110.2 |
| 4XFQ           | 34.2     | -121.3 | ALL  | DD   | 29   | 0   | 0   | 54.6  | 31.3  | 62.1  |
| CGBY           | 50.9     | -58.3  | ALL  | DD   | 65   | 1   | 2   | 58.7  | -43.9 | 73.0  |
| ELXS8          | 9.3      | 63.7   | ALL  | DD   | 33   | 1   | 3   | 90.9  | 20.3  | 91.7  |
| FNCI           | 15.5     | -62.5  | ALL  | DD   | 43   | 1   | 2   | 33.1  | 31.0  | 45.1  |
| UCUE           | 64.8     | 8.7    | ALL  | DD   | 20   | 1   | 5   | 94.1  | -12.4 | 92.4  |
| WCY2920        | 45.3     | -155.1 | ALL  | DD   | 33   | 0   | 0   | 60.9  | -48.2 | 76.9  |
| ZCBW2          | -34.4    | 152.1  | ALL  | DD   | 22   | 0   | 0   | 41.1  | -30.5 | 50.4  |

WIND SPEED

|         |       |        |     |    |    |   |    |     |      |      |
|---------|-------|--------|-----|----|----|---|----|-----|------|------|
| 3FAN6   | 36.4  | 143.6  | ALL | FF | 46 | 1 | 2  | 3.8 | 5.2  | 6.4  |
| 3FQO4   | 17.0  | 119.4  | ALL | FF | 25 | 1 | 4  | 7.6 | 7.6  | 10.7 |
| CFD3491 | 50.8  | -52.5  | ALL | FF | 31 | 0 | 0  | 3.4 | 5.1  | 6.1  |
| DZSE    | 54.0  | 8.5    | ALL | FF | 40 | 0 | 0  | 2.6 | 7.5  | 7.9  |
| ELGJ9   | -13.2 | -8.5   | ALL | FF | 20 | 0 | 0  | 4.2 | 5.2  | 6.6  |
| ELXS8   | 9.3   | 63.7   | ALL | FF | 34 | 1 | 3  | 5.6 | 5.4  | 7.7  |
| ELXT8   | 8.7   | 71.1   | ALL | FF | 24 | 0 | 0  | 6.1 | 12.5 | 13.9 |
| ELXU5   | 35.2  | 141.8  | ALL | FF | 44 | 0 | 0  | 3.3 | 5.4  | 6.3  |
| FNOQ    | 44.7  | -20.3  | ALL | FF | 80 | 0 | 0  | 4.2 | 5.2  | 6.6  |
| MWRA9   | -38.9 | 169.1  | ALL | FF | 30 | 5 | 17 | 6.0 | 7.9  | 9.8  |
| OWEB2   | 56.7  | 4.4    | ALL | FF | 24 | 0 | 0  | 2.9 | 5.3  | 6.0  |
| OWEN2   | 62.4  | -50.4  | ALL | FF | 64 | 4 | 6  | 5.4 | 6.5  | 8.4  |
| PPSO    | 20.0  | -21.0  | ALL | FF | 20 | 0 | 0  | 4.9 | 5.7  | 7.4  |
| SXYY    | 46.9  | -34.9  | ALL | FF | 23 | 0 | 0  | 5.1 | 8.9  | 10.2 |
| TSMU    | -35.0 | 22.2   | ALL | FF | 54 | 0 | 0  | 3.7 | 5.2  | 6.4  |
| UACU    | 8.3   | 121.7  | ALL | FF | 20 | 1 | 5  | 3.4 | 7.0  | 7.8  |
| UCTJ    | -16.4 | 11.7   | ALL | FF | 31 | 0 | 0  | 2.6 | 5.3  | 5.9  |
| UERK    | 29.0  | 123.8  | ALL | FF | 20 | 0 | 0  | 2.8 | 5.5  | 6.2  |
| UFSZ    | 71.1  | 30.1   | ALL | FF | 34 | 0 | 0  | 3.3 | 6.0  | 6.8  |
| V2FN    | 46.4  | -7.3   | ALL | FF | 29 | 1 | 3  | 5.9 | 13.1 | 14.3 |
| VCTJ    | 43.9  | -82.5  | ALL | FF | 24 | 0 | 0  | 6.0 | 7.2  | 9.3  |
| VLKG    | -38.6 | 144.8  | ALL | FF | 26 | 1 | 4  | 3.6 | 7.9  | 8.7  |
| VLST    | -37.4 | 138.3  | ALL | FF | 72 | 0 | 0  | 3.0 | 5.6  | 6.3  |
| WRYG    | 39.3  | -125.7 | ALL | FF | 56 | 0 | 0  | 4.3 | 5.4  | 6.9  |

MEAN SEA LEVEL PRESSURE

|       |      |        |     |    |    |    |    |     |      |     |
|-------|------|--------|-----|----|----|----|----|-----|------|-----|
| 8PNI  | 31.2 | -79.7  | ALL | MS | 32 | 0  | 0  | 1.3 | -4.7 | 4.9 |
| C6FE6 | 22.3 | -86.6  | ALL | MS | 27 | 1  | 4  | 2.1 | 7.2  | 7.5 |
| C6FM7 | 22.8 | -84.3  | ALL | MS | 28 | 0  | 0  | 2.7 | -5.9 | 6.5 |
| C6QK  | 19.0 | 117.0  | ALL | MS | 22 | 0  | 0  | 1.9 | 6.6  | 6.9 |
| ELXZ7 | 22.8 | -18.7  | ALL | MS | 37 | 0  | 0  | 1.0 | -4.5 | 4.6 |
| H3BL  | 49.8 | -157.5 | ALL | MS | 22 | 10 | 45 | .9  | .7   | 1.1 |
| KSDF  | 59.9 | 2.1    | ALL | MS | 22 | 6  | 27 | 1.6 | -1.3 | 2.1 |
| MVLA7 | 6.5  | -12.0  | ALL | MS | 33 | 0  | 0  | 3.2 | 6.2  | 6.9 |
| UCJP  | 44.9 | -10.7  | ALL | MS | 69 | 0  | 0  | 2.3 | 4.4  | 5.0 |
| UCUE  | 64.8 | 8.7    | ALL | MS | 29 | 2  | 7  | 4.0 | -5.2 | 6.5 |
| UDYG  | 69.6 | 32.0   | ALL | MS | 91 | 0  | 0  | 4.5 | -4.2 | 6.1 |
| UFNO  | 68.3 | 39.8   | ALL | MS | 22 | 0  | 0  | 1.2 | 6.2  | 6.3 |

| SHIP NO.                | LAT/LONG |        | TIME | ELEM | NOBS | NGE | PGE | SD  | BIAS | RMS  |
|-------------------------|----------|--------|------|------|------|-----|-----|-----|------|------|
| MEAN SEA LEVEL PRESSURE |          |        |      |      |      |     |     |     |      |      |
| UGGA                    | 41.3     | 131.9  | ALL  | MS   | 58   | 1   | 2   | 3.0 | -5.9 | 6.7  |
| UGWB                    | 46.8     | 139.9  | ALL  | MS   | 25   | 0   | 0   | 3.6 | 9.9  | 10.5 |
| UHLE                    | 71.3     | 35.8   | ALL  | MS   | 34   | 0   | 0   | 1.3 | -9.0 | 9.1  |
| V7BW9                   | 15.2     | 129.3  | ALL  | MS   | 53   | 3   | 6   | 2.0 | -5.0 | 5.4  |
| VGDX                    | 46.8     | -56.1  | ALL  | MS   | 24   | 0   | 0   | 2.9 | -4.5 | 5.3  |
| VGFO                    | 44.4     | -82.8  | ALL  | MS   | 54   | 16  | 30  | 6.0 | -5.8 | 8.3  |
| VVMA                    | 23.4     | 64.3   | ALL  | MS   | 39   | 0   | 0   | 2.3 | 5.8  | 6.2  |
| WCY2920                 | 45.3     | -155.1 | ALL  | MS   | 44   | 1   | 2   | 3.3 | 6.0  | 6.8  |
| WRYE                    | 36.1     | -57.2  | ALL  | MS   | 61   | 0   | 0   | 1.7 | -4.2 | 4.5  |

SEA SURFACE TEMPERATURE

|        |       |        |     |    |     |    |    |     |      |     |
|--------|-------|--------|-----|----|-----|----|----|-----|------|-----|
| 3ECM7  | 37.2  | 165.8  | ALL | TS | 98  | 0  | 0  | 1.2 | 4.0  | 4.1 |
| 3FAK5  | 35.1  | 142.4  | ALL | TS | 32  | 12 | 38 | 1.4 | 1.1  | 1.8 |
| 3FDZ5  | 35.0  | -158.8 | ALL | TS | 42  | 0  | 0  | 2.2 | 5.1  | 5.5 |
| 3FHX8  | 29.1  | 132.6  | ALL | TS | 22  | 0  | 0  | 2.8 | -3.9 | 4.7 |
| 3FQO4  | 17.0  | 119.4  | ALL | TS | 25  | 10 | 40 | 2.7 | .8   | 2.7 |
| 9HQK6  | 41.9  | -9.8   | ALL | TS | 62  | 2  | 3  | 2.1 | -4.5 | 5.0 |
| C6MS4  | 22.4  | -77.8  | ALL | TS | 42  | 0  | 0  | 1.7 | -3.8 | 4.2 |
| C6MX4  | 46.9  | -29.5  | ALL | TS | 24  | 0  | 0  | 1.0 | 6.7  | 6.8 |
| CG2960 | 48.9  | -127.5 | ALL | TS | 95  | 28 | 29 | 4.1 | 3.4  | 5.3 |
| CGBY   | 50.9  | -58.3  | ALL | TS | 81  | 20 | 25 | 2.0 | 4.5  | 4.9 |
| CGDS   | 48.3  | -70.4  | ALL | TS | 39  | 10 | 26 | 3.5 | 2.7  | 4.3 |
| DBBC   | 32.4  | 32.9   | ALL | TS | 114 | 4  | 4  | 3.0 | 3.0  | 4.3 |
| ELJQ2  | 47.9  | -125.4 | ALL | TS | 24  | 0  | 0  | 1.7 | 4.0  | 4.3 |
| ELQY7  | 19.7  | -65.7  | ALL | TS | 28  | 0  | 0  | 1.0 | 3.1  | 3.2 |
| ELYE8  | -34.7 | 31.3   | ALL | TS | 57  | 1  | 2  | 1.9 | 3.3  | 3.8 |
| FNVA   | 51.3  | -4.0   | ALL | TS | 47  | 31 | 66 | 4.1 | 8.5  | 9.4 |
| JADY   | 34.5  | -134.8 | ALL | TS | 68  | 0  | 0  | 1.0 | 5.5  | 5.6 |
| KGJX   | 52.2  | -132.9 | ALL | TS | 58  | 1  | 2  | 1.6 | 3.4  | 3.7 |
| LAJV4  | 2.9   | -49.1  | ALL | TS | 37  | 0  | 0  | 1.5 | 3.1  | 3.5 |
| LAJY4  | 20.4  | -65.4  | ALL | TS | 62  | 0  | 0  | 1.0 | 3.2  | 3.3 |
| NRUO   | 24.3  | -152.8 | ALL | TS | 34  | 7  | 21 | 3.5 | 3.4  | 4.8 |
| OUEW   | 60.6  | -3.4   | ALL | TS | 60  | 16 | 27 | 2.3 | .4   | 2.3 |
| P3FY6  | 39.3  | 11.3   | ALL | TS | 35  | 0  | 0  | .9  | 4.3  | 4.4 |
| PDYI   | 18.3  | 133.8  | ALL | TS | 35  | 0  | 0  | .7  | -3.4 | 3.5 |
| TFNA   | 39.2  | -10.1  | ALL | TS | 46  | 18 | 39 | 3.0 | 4.5  | 5.3 |
| TSMS   | 42.5  | 9.7    | ALL | TS | 34  | 0  | 0  | 2.1 | -3.4 | 4.0 |
| UACU   | 8.3   | 121.7  | ALL | TS | 20  | 9  | 45 | 1.9 | 6.6  | 6.9 |
| UCDN   | 33.9  | 127.4  | ALL | TS | 25  | 1  | 4  | 2.2 | 3.5  | 4.1 |
| UCOL   | 65.3  | 8.5    | ALL | TS | 20  | 1  | 5  | 3.4 | 3.0  | 4.5 |
| UCOR   | 66.7  | 11.1   | ALL | TS | 39  | 4  | 10 | 3.0 | 3.8  | 4.8 |
| UCTJ   | -16.4 | 11.7   | ALL | TS | 31  | 8  | 26 | 3.4 | -4.6 | 5.7 |
| UCTN   | 70.1  | 27.5   | ALL | TS | 49  | 2  | 4  | 3.6 | -4.4 | 5.7 |
| UCUE   | 64.8  | 8.7    | ALL | TS | 29  | 0  | 0  | 3.4 | -3.3 | 4.7 |
| UCUP   | 69.6  | 33.9   | ALL | TS | 33  | 1  | 3  | 1.5 | -3.0 | 3.4 |
| UFSZ   | 71.1  | 30.1   | ALL | TS | 32  | 8  | 25 | 2.9 | 6.3  | 6.9 |
| UHRS   | 62.4  | 5.1    | ALL | TS | 30  | 0  | 0  | 2.1 | 3.9  | 4.4 |
| UIDO   | 70.1  | 35.9   | ALL | TS | 27  | 2  | 7  | 4.7 | 3.3  | 5.7 |
| V7AV6  | 11.5  | -98.4  | ALL | TS | 76  | 10 | 13 | 1.9 | -3.4 | 3.9 |
| VCLM   | 62.1  | -74.7  | ALL | TS | 111 | 82 | 74 | 3.9 | 3.4  | 5.2 |
| YJQL3  | 38.7  | 148.8  | ALL | TS | 35  | 0  | 0  | 1.0 | -5.0 | 5.1 |
| ZQVN3  | 58.3  | 18.1   | ALL | TS | 22  | 2  | 9  | 2.2 | 4.0  | 4.5 |
| ubxs   | -16.4 | 11.7   | ALL | TS | 63  | 21 | 33 | 1.8 | -2.4 | 3.0 |
| ucuc   | -19.2 | 11.8   | ALL | TS | 28  | 1  | 4  | 2.4 | -3.8 | 4.4 |

**LIST OF SUSPECT BUOYS FOR MAR 2002**

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| BUOY NO. | LAT/LONG | TIME | ELEM | NOBS | NGE | PGE | SD | BIAS | RMS |
|----------|----------|------|------|------|-----|-----|----|------|-----|
|----------|----------|------|------|------|-----|-----|----|------|-----|

WIND DIRECTION

|       |            |     |    |    |   |   |       |      |       |
|-------|------------|-----|----|----|---|---|-------|------|-------|
| 22102 | 34.0 127.5 | ALL | DD | 51 | 0 | 0 | 29.3  | 76.0 | 81.3  |
| 41648 | 26.5 -68.6 | ALL | DD | 90 | 0 | 0 | 35.6  | 35.1 | 49.9  |
| 43001 | 10.0 -94.9 | ALL | DD | 21 | 0 | 0 | 14.3  | 44.2 | 46.3  |
| 52088 | 5.0 -179.9 | ALL | DD | 29 | 0 | 0 | 110.5 | 14.4 | 109.5 |

WIND SPEED

|       |            |     |    |     |   |   |     |      |     |
|-------|------------|-----|----|-----|---|---|-----|------|-----|
| 52529 | 27.0 130.9 | ALL | FF | 112 | 0 | 0 | 4.9 | -5.4 | 7.3 |
| 52537 | 8.9 123.4  | ALL | FF | 123 | 0 | 0 | 1.7 | -5.8 | 6.0 |

MEAN SEA LEVEL PRESSURE

|       |            |     |    |     |    |    |     |      |      |
|-------|------------|-----|----|-----|----|----|-----|------|------|
| 16937 | -40.7 69.9 | ALL | MS | 25  | 8  | 32 | 5.2 | 4.1  | 6.5  |
| 25541 | 75.8 159.6 | ALL | MS | 119 | 44 | 37 | 5.0 | -2.2 | 5.4  |
| 44513 | 39.2 -64.6 | ALL | MS | 68  | 46 | 68 | 8.9 | -5.5 | 10.3 |
| 44514 | 40.4 -60.9 | ALL | MS | 81  | 17 | 21 | 9.3 | -3.0 | 9.7  |
| 44515 | 38.3 -67.7 | ALL | MS | 70  | 52 | 74 | 5.5 | -7.3 | 9.1  |
| 44516 | 38.3 -70.3 | ALL | MS | 81  | 25 | 31 | 8.8 | -2.3 | 9.1  |
| 61533 | 32.5 34.1  | ALL | MS | 76  | 28 | 37 | 4.7 | 9.3  | 10.3 |
| 61654 | 44.1 36.4  | ALL | MS | 74  | 24 | 32 | 8.1 | -2.8 | 8.4  |

SEA SURFACE TEMPERATURE

|       |             |     |    |     |    |     |     |      |     |
|-------|-------------|-----|----|-----|----|-----|-----|------|-----|
| 16950 | -22.4 -9.0  | ALL | TS | 21  | 0  | 0   | 1.8 | -5.9 | 6.1 |
| 21644 | 53.4 176.9  | ALL | TS | 79  | 79 | 100 | **  | **   | **  |
| 21645 | 47.3 -156.6 | ALL | TS | 76  | 24 | 32  | .3  | -.1  | .3  |
| 41563 | 19.6 -42.0  | ALL | TS | 102 | 38 | 37  | 1.9 | .3   | 1.9 |
| 41656 | 43.2 -45.4  | ALL | TS | 117 | 0  | 0   | 1.7 | -3.5 | 3.9 |
| 44776 | 47.1 -12.9  | ALL | TS | 36  | 0  | 0   | 2.3 | 3.8  | 4.4 |
| 55911 | -48.5 162.2 | ALL | TS | 113 | 0  | 0   | .9  | 5.0  | 5.1 |
| 61528 | 42.1 35.2   | ALL | TS | 41  | 0  | 0   | 1.9 | 4.0  | 4.4 |
| 61531 | 41.4 38.5   | ALL | TS | 82  | 12 | 15  | 3.3 | 3.7  | 5.0 |
| 61535 | 32.7 32.5   | ALL | TS | 98  | 3  | 3   | 5.2 | 1.8  | 5.5 |
| 61658 | 33.1 -26.8  | ALL | TS | 69  | 21 | 30  | 2.6 | 5.6  | 6.1 |

1) URL=[http://www.bom.gov.au/nmoc/Docs/Data\\_Monitoring/Global\\_monthly\\_reports/monthly\\_reports/monthly\\_criteria\\_suspect\\_stations.pdf](http://www.bom.gov.au/nmoc/Docs/Data_Monitoring/Global_monthly_reports/monthly_reports/monthly_criteria_suspect_stations.pdf)

2) URL=[http://www.bom.gov.au/nmoc/Docs/Data\\_Monitoring/Global\\_monthly\\_reports/monthly\\_reports/monthly\\_criteria\\_suspect\\_stations.html](http://www.bom.gov.au/nmoc/Docs/Data_Monitoring/Global_monthly_reports/monthly_reports/monthly_criteria_suspect_stations.html)