

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

LIST OF SUSPECT LAND SURFACE STATIONS FOR JUN 2004

WMO REGION 1

STN No.	LAT	LONG	HT(M)	TIME	ELEM	NOBS	NGE	PGE	SD	BIAS	RMS
62733	15.3	35.6	451	ALL	MSLP	42	0	0	1.7	4.1	4.4
62751	14.4	33.5	408	ALL	MSLP	38	0	0	1.8	4.2	4.5
62781	12.7	28.4	564	ALL	MSLP	33	0	0	1.9	4.0	4.4
62809	11.3	27.8	453	ALL	MSLP	21	0	0	1.5	4.3	4.5
62810	11.0	29.7	499	ALL	MSLP	28	0	0	1.9	5.9	6.2
63330	13.5	39.5	2070	ALL	MSLP	21	19	90	0.2	14.4	14.5
64655	6.5	22.0	584	ALL	MSLP	48	0	0	1.4	4.1	4.4
64656	4.7	22.8	500	ALL	MSLP	50	0	0	1.3	4.4	4.6
65019	10.6	7.4	642	ALL	MSLP	24	0	0	1.4	4.0	4.2
65125	9.3	7.0	344	ALL	MSLP	32	0	0	1.4	5.4	5.6
65167	9.2	12.5	174	ALL	MSLP	32	0	0	1.1	4.6	4.7
65418	9.5	-0.9	173	ALL	MSLP	42	0	0	0.9	4.4	4.5
68903	-37.0	-12.3	51	ALL	MSLP	119	35	29	6.4	6.9	9.4

WMO REGION 2

STN No.	LAT	LONG	HT(M)	TIME	ELEM	NOBS	NGE	PGE	SD	BIAS	RMS
40719	37.3	49.6	-7	ALL	MSLP	99	0	0	2.0	4.2	4.6
40726	36.8	45.7	1385	ALL	MSLP	107	0	0	2.1	4.6	5.0
40754	35.7	51.3	1191	ALL	MSLP	113	0	0	1.9	-4.9	5.2
40757	35.5	53.4	1171	ALL	MSLP	114	0	0	2.5	-4.5	5.2
40791	33.6	56.9	711	ALL	MSLP	115	0	0	3.2	-4.2	5.3
44207	50.4	100.2	1687	ALL	MSLP	115	1	1	3.3	4.8	5.8
48957	14.8	106.8	105	ALL	MSLP	26	0	0	0.9	4.2	4.3
51747	39.0	83.7	1099	ALL	MSLP	120	0	0	2.9	-4.3	5.2
51777	39.0	88.2	889	ALL	MSLP	120	0	0	3.2	-4.7	5.7

WMO REGION 3

STN No.	LAT	LONG	HT(M)	TIME	ELEM	NOBS	NGE	PGE	SD	BIAS	RMS
82353	-3.2	-52.2	74	ALL	MSLP	85	0	0	1.0	-4.1	4.2
82586	-5.2	-39.3	212	ALL	MSLP	87	0	0	1.1	-4.7	4.9
83319	-14.7	-52.3	315	ALL	MSLP	85	0	0	0.9	4.3	4.4
84401	-5.2	-80.6	55	ALL	MSLP	97	0	0	1.2	5.2	5.3
84452	-6.8	-79.8	34	ALL	MSLP	92	0	0	1.2	4.6	4.8
84455	-6.4	-76.4	282	ALL	MSLP	65	0	0	2.4	9.5	9.8
84501	-8.1	-79.0	30	ALL	MSLP	58	0	0	1.4	4.7	4.9
84720	-14.9	-74.9	567	ALL	MSLP	44	0	0	1.6	6.6	6.8
84782	-18.1	-70.3	458	ALL	MSLP	74	0	0	2.3	6.3	6.7
85041	-11.0	-68.8	235	ALL	MSLP	52	0	0	1.9	6.2	6.5
85406	-18.4	-70.3	55	ALL	MSLP	115	0	0	1.8	4.2	4.5

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	120	8	7	7.8	1.8	8.0
71060	65.6	-118.1	230	ALL	MSLP	119	8	7	6.1	-1.6	6.3
71619	48.0	-65.3	47	ALL	MSLP	74	61	82	1.5	-0.1	1.4
72360	36.5	-103.2	1515	ALL	MSLP	113	0	0	2.4	4.7	5.2
72365	35.0	-106.6	1620	ALL	MSLP	118	0	0	1.8	4.2	4.6
72375	35.1	-11.2	2139	ALL	MSLP	118	4	3	3.3	-5.8	6.6
72376	36.2	-111.8	2181	ALL	MSLP	117	0	0	2.4	6.3	6.8
72462	37.4	-105.9	2299	ALL	MSLP	114	2	2	3.1	8.1	8.6
72464	38.3	-104.5	1439	ALL	MSLP	118	0	0	2.9	5.0	5.8
72475	38.4	-113.0	1536	ALL	MSLP	117	0	0	2.7	5.1	5.7
72476	39.1	-108.5	1475	ALL	MSLP	118	0	0	2.3	4.1	4.7
72486	39.3	-114.8	1909	ALL	MSLP	116	0	0	3.1	5.0	5.9
72570	40.5	-107.5	1915	ALL	MSLP	118	0	0	2.5	8.3	8.6
72572	40.8	-112.0	1288	ALL	MSLP	118	0	0	2.5	4.8	5.4
72576	42.8	-108.7	1694	ALL	MSLP	118	0	0	3.8	4.2	5.7
72578	42.9	-112.6	1365	ALL	MSLP	118	0	0	3.1	4.9	5.8
76220	29.0	-107.8	1932	ALL	MSLP	40	2	5	4.2	8.8	9.7
76323	26.9	-105.7	1661	ALL	MSLP	79	0	0	3.4	4.8	5.9
76658	19.2	-103.7	494	ALL	MSLP	28	0	0	1.3	4.4	4.6
76687	19.5	-96.9	1389	ALL	MSLP	80	0	0	1.6	5.3	5.5

STN No.	LAT	LONG	HT(M)	TIME	ELEM	NOBS	NGE	PGE	SD	BIAS	RMS
76762	17.5	-99.5	1265	ALL	MSLP	56	0	0	1.9	4.0	4.4
76848	16.3	-92.1	1646	ALL	MSLP	52	0	0	1.2	-4.1	4.3
78588	17.2	-87.5	1	ALL	MSLP	118	118	100	**	**	**

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	81	0	0	1.4	-7.3	7.4
97378	-10.7	123.1	1	ALL	MSLP	42	40	95	0.3	-14.8	14.8

WMO REGION ANTARCTICA

STN No.	LAT	LONG	HT(M)	TIME	ELEM	NOBS	NGE	PGE	SD	BIAS	RMS
89263	-66.0	-66.1	20	ALL	MSLP	118	15	13	2.7	11.1	11.5

LIST OF SUSPECT RADIOSONDE STATIONS FOR JUN 2004

WMO REGION 1

STN No.	LAT	LONG	HT(M)	TIME	ELEM	LEV	NOBS	NGE	SD	BIAS	RMS	SUSPECT
68240	-24.2	25.9	1005	00	GEOP	925	19	0	6.0	42.2	42.6	3

WMO REGION 2

STN No.	LAT	LONG	HT(M)	TIME	ELEM	LEV	NOBS	NGE	SD	BIAS	RMS	SUSPECT
42101	30.3	76.5	251	00	GEOP	150	18	0	103.9	16.6	102.4	5
42101	30.3	76.5	251	12	GEOP	50	12	1	120.4	132.8	175.5	5
42182	28.6	77.2	216	12	GEOP	925	24	0	32.8	35.8	48.1	5
42314	27.5	95.0	111	12	GEOP	100	15	0	116.2	-78.9	137.2	3
42339	26.3	73.0	224	00	GEOP	500	19	0	50.0	-57.9	75.7	8
42339	26.3	73.0	224	12	GEOP	500	16	0	55.4	-29.9	61.4	7
42361	26.2	78.3	207	00	GEOP	925	24	1	21.1	-49.0	53.1	7
42361	26.2	78.3	207	12	GEOP	925	22	1	28.5	-38.3	47.4	7
42369	26.8	80.9	128	00	GEOP	150	17	3	159.7	8.0	154.1	11
42369	26.8	80.9	128	12	GEOP	250	20	1	102.1	-0.3	99.3	9
42379	26.8	83.4	77	00	GEOP	300	13	0	63.4	-67.8	91.1	7
42379	26.8	83.4	77	12	GEOP	150	13	0	118.3	16.9	114.9	7
42397	26.7	88.4	123	00	GEOP	150	12	0	108.2	62.9	121.2	11
42397	26.7	88.4	123	12	GEOP	150	12	0	93.8	68.8	113.1	5
42410	26.1	91.6	54	00	GEOP	200	22	2	92.7	83.4	123.0	9
42492	25.6	85.1	60	00	GEOP	100	16	0	101.5	-52.0	111.2	3
42492	25.6	85.1	60	12	GEOP	100	18	0	151.2	-25.4	149.1	5
42647	23.1	72.6	55	00	GEOP	500	12	0	49.6	-21.5	52.1	3
42647	23.1	72.6	55	12	GEOP	200	11	1	91.3	93.9	127.8	4
42701	23.3	85.3	652	00	GEOP	100	14	0	123.7	47.7	128.4	4
42701	23.3	85.3	652	12	GEOP	100	14	1	152.7	41.2	152.4	9
42809	22.6	88.4	6	00	GEOP	200	24	0	84.1	29.6	87.5	5
42867	21.1	79.1	310	00	GEOP	200	16	0	93.1	-90.4	127.7	9
42867	21.1	79.1	310	12	GEOP	100	13	1	177.2	-82.0	188.4	9
43003	19.1	72.8	14	00	GEOP	150	21	1	101.5	26.1	102.3	5
43003	19.1	72.8	14	12	GEOP	50	19	0	106.3	248.5	269.1	9
43014	19.9	75.4	579	00	GEOP	200	11	2	87.4	62.7	103.5	5
43014	19.9	75.4	579	12	GEOP	250	22	2	103.2	33.5	106.0	6
43128	17.5	78.5	545	00	GEOP	925	27	0	31.1	28.2	41.6	7
43128	17.5	78.5	545	12	GEOP	925	13	0	31.9	26.8	40.7	8
43150	17.7	83.3	66	00	GEOP	150	20	0	96.0	38.8	101.4	6
43150	17.7	83.3	66	12	GEOP	200	11	0	123.0	11.1	117.8	6
43185	16.2	81.2	3	00	GEOP	100	15	0	136.8	-59.7	145.0	6
43185	16.2	81.2	3	12	GEOP	100	13	0	143.8	-24.0	140.2	5
43192	15.5	73.8	60	00	GEOP	250	11	0	66.8	-38.4	74.3	3
43192	15.5	73.8	60	12	GEOP	200	11	0	90.0	-107.0	137.1	7
43279	13.0	80.2	16	00	GEOP	925	27	0	31.0	19.6	36.2	12
43279	13.0	80.2	16	12	GEOP	150	13	0	69.4	94.3	115.5	7
43285	12.9	74.8	31	00	GEOP	100	13	1	99.2	-85.3	127.7	4
43285	12.9	74.8	31	12	GEOP	70	14	1	110.2	139.8	175.3	4
43346	10.9	79.8	7	00	GEOP	150	11	0	84.5	133.8	156.2	7
43346	10.9	79.8	7	12	GEOP	150	15	0	99.2	109.0	145.1	9
43369	8.3	73.2	2	00	GEOP	250	14	0	71.6	25.9	73.7	3
43371	8.5	76.9	64	00	GEOP	30	11	1	207.9	-75.5	211.2	7
43371	8.5	76.9	64	12	GEOP	50	16	1	173.8	105.6	198.4	6

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	13	0	9.6	61.0	61.7	6

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	850	11	0	33.2	24.3	39.9	6

WMO REGION ANTARCTICA

STN No.	LAT	LONGHT(M)	TIME	ELEM	LEV	NOBS	NGE	SD	BIAS	RMS	SUSPECT
89009	-90.0	0.0	2835 00	GEOP	100	14	0	121.1	175.9	211.1	9
89022	-75.6	-26.3	30 12	GEOP	400	25	0	57.1	39.5	68.5	5
89062	-67.6	-68.1	16 12	GEOP	1000	16	0	31.0	-26.3	39.9	4
89592	-66.6	93.0	35 00	GEOP	50	22	0	67.8	139.5	154.4	7
89592	-66.6	93.0	35 12	GEOP	100	14	0	38.6	115.3	121.1	6
89642	-66.7	140.0	41 00	GEOP	1000	29	0	40.5	-11.8	41.5	3
89664	-77.8	166.7	24 00	GEOP	500	13	1	40.5	61.3	72.5	6

LIST OF SUSPECT SHIPS FOR JUN 2004

WIND DIRECTION

SHIP No.	LAT/LONG	TIME	ELEM	NOBS	NGE	PGE	SD	BIAS	RMS
3FZM6	-26.5 153.7	ALL	DD	26	10	38	120.4	6.7	116.8
A8CC9	18.4 -157.8	ALL	DD	20	0	0	55.8	-79.6	96.4
ELWX5	18.5 -66.1	ALL	DD	53	0	0	95.8	-13.0	95.8
KS013	18.3 -65.0	ALL	DD	32	0	0	15.6	37.4	40.5
OZWP2	0.4 105.9	ALL	DD	36	0	0	50.5	31.9	59.1

WIND SPEED

SHIP No.	LAT/LONG	TIME	ELEM	NOBS	NGE	PGE	SD	BIAS	RMS
3FFL8	41.7 -68.4	ALL	FF	28	0	0	3.4	5.5	6.5
9MCD3	9.5 117.3	ALL	FF	48	0	0	5.1	8.0	9.5
C6T2062	31.1 -75.8	ALL	FF	27	0	0	1.8	5.3	5.6
DPTL	32.9 27.8	ALL	FF	30	1	3	4.0	5.4	6.7
ELTY4	6.9 107.8	ALL	FF	32	0	0	5.5	8.0	9.6
ELWU4	38.3 -13.3	ALL	FF	33	0	0	4.2	5.1	6.6
ELZL8	40.5 -67.7	ALL	FF	46	0	0	5.5	6.5	8.5
GRFP	39.0 4.0	ALL	FF	22	2	9	6.4	12.4	13.8
HP6038	46.4 -48.4	ALL	FF	114	0	0	2.9	5.7	6.4
MYLZ6	36.6 3.5	ALL	FF	46	0	0	6.5	6.2	8.9
OUSE6	52.7 3.9	ALL	FF	35	0	0	2.7	5.6	6.2
SCFI	49.7 -10.2	ALL	FF	35	0	0	4.5	6.0	7.4
UCDL	48.0 141.3	ALL	FF	25	0	0	2.7	5.4	6.0
UCTP	69.0 58.7	ALL	FF	31	0	0	3.3	5.3	6.2
V2HX	-13.4 -176.6	ALL	FF	58	1	2	3.2	5.2	6.1
VEP717	46.7 -48.7	ALL	FF	109	0	0	3.9	6.3	7.3
VNVG	30.4 136.7	ALL	FF	53	0	0	4.9	6.1	7.8
VRWC8	27.2 122.8	ALL	FF	22	0	0	2.6	5.4	5.9
VRXU2	29.5 -168.5	ALL	FF	66	0	0	3.9	5.0	6.3
VRYS8	-22.6 53.2	ALL	FF	44	0	0	6.0	5.4	8.0
VSWW5	43.2 -60.5	ALL	FF	20	0	0	5.5	7.1	8.9
WCY5331	43.7 -60.5	ALL	FF	103	0	0	3.8	6.2	7.3
YJUF7	46.7 -48.0	ALL	FF	119	0	0	3.0	5.6	6.3

MEAN SEA LEVEL PRESSURE

SHIP No.	LAT/LONG	TIME	ELEM	NOBS	NGE	PGE	SD	BIAS	RMS
AVOSTEST	47.5 -52.8	ALL	MSLP	93	90	97	0.8	-14.1	14.1
C6FV4	42.8 -16.2	ALL	MSLP	21	0	0	0.9	9.8	9.9
C6TC2	29.7 133.1	ALL	MSLP	20	0	0	1.6	4.8	5.0
CG2522	62.9 -123.2	ALL	MSLP	95	5	5	3.9	-5.6	6.8
CG2992	60.8 -115.8	ALL	MSLP	92	92	100	**	**	**
DBBI	54.2 7.9	ALL	MSLP	107	2	2	0.9	4.2	4.3
KS005	25.5 -80.0	ALL	MSLP	77	0	0	0.6	-4.5	4.6
OXTW2	40.8 -68.4	ALL	MSLP	26	0	0	3.1	4.3	5.3

SHIP No.	LAT/LONG		TIME	ELEM	NOBS	NGE	PGE	SD	BIAS	RMS
OZTS2	53.9	1.3	ALL	MSLP	35	0	0	1.3	4.4	4.6
PGON	9.3	-86.4	ALL	MSLP	45	3	7	1.0	-13.5	13.6
UCCH	46.6	140.8	ALL	MSLP	38	0	0	1.6	5.1	5.3
VRYO2	47.0	-7.0	ALL	MSLP	34	0	0	1.3	5.4	5.6
WDJK	58.9	-143.4	ALL	MSLP	48	0	0	1.2	-4.5	4.6
ZCAS2	27.9	132.1	ALL	MSLP	67	0	0	3.1	4.8	5.7

SEA SURFACE TEMPERATURE

SHIP No.	LAT/LONG		TIME	ELEM	NOBS	NGE	PGE	SD	BIAS	RMS
3FKM8	25.4	131.8	ALL	SST	36	0	0	1.7	-5.1	5.4
A8BZ6	21.3	-112.1	ALL	SST	50	0	0	1.5	-3.1	3.4
CG2522	62.9	-123.2	ALL	SST	48	31	65	4.9	1.1	4.9
DBAI	54.4	11.1	ALL	SST	32	1	3	3.1	-3.4	4.6
FNMT	50.1	-0.6	ALL	SST	61	8	13	2.7	-4.8	5.5
FNNO	49.5	-0.3	ALL	SST	26	0	0	4.2	-3.3	5.3
KGJD	32.9	-79.9	ALL	SST	79	26	33	1.9	2.7	3.3
KGJX	37.0	143.6	ALL	SST	58	0	0	1.6	3.2	3.6
KRPB	27.7	-92.1	ALL	SST	37	2	5	1.9	-3.5	4.0
LAON4	48.4	-127.7	ALL	SST	34	0	0	2.3	3.2	3.9
SDBQ	49.2	-45.7	ALL	SST	20	0	0	0.9	3.4	3.5
TFOW	66.7	-18.8	ALL	SST	25	0	0	2.2	4.0	4.5
TSLN	34.5	11.2	ALL	SST	39	4	10	2.9	-3.3	4.3
UBLX	57.7	8.6	ALL	SST	23	0	0	1.4	-3.7	3.9
UCBM	70.4	19.2	ALL	SST	32	0	0	2.2	-3.5	4.1
UCKG	61.1	4.1	ALL	SST	20	2	10	5.1	-2.1	5.4
UDUR	20.9	-16.9	ALL	SST	38	1	3	2.3	-3.8	4.4
UFLC	53.3	147.3	ALL	SST	21	1	5	3.4	4.8	5.8
UHOM	72.1	32.3	ALL	SST	36	0	0	1.0	-4.1	4.2
VCFW	45.5	-83.3	ALL	SST	25	4	16	4.3	-3.9	5.7
VGKK	45.4	-81.9	ALL	SST	27	5	19	3.2	-5.7	6.6
VGNW	49.7	-66.9	ALL	SST	24	1	4	3.2	-4.0	5.1
WAUY	39.1	-62.7	ALL	SST	35	0	0	1.4	-4.2	4.4
WCZ9703	44.0	-83.5	ALL	SST	25	7	28	2.9	-6.3	6.9
WZE4928	47.2	-90.5	ALL	SST	21	9	43	4.8	-4.7	6.6
YJQA8	54.6	-134.5	ALL	SST	45	0	0	2.0	4.3	4.7
UDUR	20.9	-16.9	ALL	SST	57	1	2	2.7	-3.2	4.1

LIST OF SUSPECT BUOYS FOR JUN 2004

WIND DIRECTION

BUOY No.	LAT/LONG		TIME	ELEM	NOBS	NGE	PGE	SD	BIAS	RMS
52523	31.1	130.3	ALL	DD	34	0	0	40.6	84.8	93.8
52651	26.7	144.9	ALL	DD	33	1	3	21.3	46.0	50.6

WIND SPEED

BUOY No.	LAT/LONG		TIME	ELEM	NOBS	NGE	PGE	SD	BIAS	RMS
22101	37.2	126.0	ALL	FF	110	39	35	7.1	11.1	13.1
22102	34.8	125.8	ALL	FF	120	39	33	7.8	9.0	11.8
22103	34.0	127.5	ALL	FF	63	42	67	9.2	10.5	13.8
22104	34.8	128.9	ALL	FF	112	91	81	6.9	14.7	16.2
22105	37.5	130.0	ALL	FF	118	89	75	7.4	13.3	15.2

MEAN SEA LEVEL PRESSURE

BUOY No.	LAT/LONG		TIME	ELEM	NOBS	NGE	PGE	SD	BIAS	RMS
23697	11.6	58.9	ALL	MSLP	50	34	68	4.9	6.6	8.1
25572	87.3	-130.6	ALL	MSLP	100	53	53	4.2	10.0	10.9
52513	19.9	132.9	ALL	MSLP	87	23	26	3.3	-0.1	3.2
52684	10.8	140.3	ALL	MSLP	45	2	4	2.6	-10.4	10.7
56558	-47.9	105.0	ALL	MSLP	29	2	7	4.3	6.1	7.4
71618	-64.1	-11.6	ALL	MSLP	27	11	41	6.2	-7.2	9.4

SEA SURFACE TEMPERATURE

BUOY No.	LAT/LONG		TIME	ELEM	NOBS	NGE	PGE	SD	BIAS	RMS
16562	-63.4	155.6	ALL	SST	39	10	26	3.5	4.3	5.5
22582	39.1	164.1	ALL	SST	72	0	0	0.7	3.6	3.7

BUOY No.	LAT/LONG	TIME	ELEM	NOBS	NGE	PGE	SD	BIAS	RMS
32693	12.3 -142.3	ALL	SST	117	0	0	0.4	3.1	3.1
43535	28.6 -112.1	ALL	SST	23	1	4	5.2	-1.3	5.2
43554	30.7 -113.7	ALL	SST	22	6	27	4.9	-0.9	4.8
43563	31.3 -113.6	ALL	SST	26	9	35	4.6	0.5	4.5
44511	40.2 -48.5	ALL	SST	106	0	0	1.4	-5.7	5.8
46972	17.1 173.1	ALL	SST	31	0	0	0.4	4.6	4.6
65564	84.4 -77.0	ALL	SST	99	5	5	2.3	3.5	4.2
71629	-56.0 -40.8	ALL	SST	31	1	3	2.3	6.9	7.3
74541	-58.3 5.6	ALL	SST	74	38	51	3.1	3.6	4.7

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