

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

LIST OF SUSPECT LAND SURFACE STATIONS FOR APR 2005

WMO REGION 1

STN No.	LAT	LONG	HT(M)	TIME	ELEM	NOBS	NGE	PGE	SD	BIAS	RMS
61492	16.1	-13.5	18	ALL	MSLP	64	0	0	1.6	4.1	4.4
63210	11.3	49.2	2	ALL	MSLP	25	1	4	2.4	-4.4	5.0
63671	1.8	40.1	244	ALL	MSLP	113	0	0	1.9	-5.4	5.7
68903	-37.0	-12.3	51	ALL	MSLP	37	35	95	5.2	10.1	10.7

WMO REGION 2

STN No.	LAT	LONG	HT(M)	TIME	ELEM	NOBS	NGE	PGE	SD	BIAS	RMS
38933	37.8	68.8	429	ALL	MSLP	75	0	0	3.8	6.4	7.4
40700	39.7	48.1	45	ALL	MSLP	118	0	0	2.1	-4.3	4.8
48952	15.7	106.4	168	ALL	MSLP	25	0	0	1.2	-5.2	5.3
51573	42.9	89.2	37	ALL	MSLP	119	0	0	2.8	-4.6	5.4
51716	39.8	78.6	1117	ALL	MSLP	120	0	0	2.6	-4.1	4.8
51730	40.5	81.1	1013	ALL	MSLP	116	0	0	2.9	-4.0	5.0
51777	39.0	88.2	889	ALL	MSLP	120	5	4	3.9	-5.3	6.6

WMO REGION 3

STN No.	LAT	LONG	HT(M)	TIME	ELEM	NOBS	NGE	PGE	SD	BIAS	RMS
80398	-4.2	-69.9	84	ALL	MSLP	51	0	0	1.2	5.3	5.4
82212	-2.5	-66.2	55	ALL	MSLP	89	0	0	1.5	4.4	4.7
82586	-5.2	-39.3	212	ALL	MSLP	88	0	0	0.9	-4.7	4.8
83264	-12.2	-56.5	415	ALL	MSLP	89	1	1	1.0	5.3	5.4
83319	-14.7	-52.3	315	ALL	MSLP	89	1	1	1.3	5.1	5.3
83388	-15.1	-42.8	604	ALL	MSLP	90	0	0	1.2	-4.3	4.4
84390	-4.6	-81.3	90	ALL	MSLP	25	0	0	1.2	4.6	4.8
84401	-5.2	-80.6	55	ALL	MSLP	108	0	0	1.5	5.7	5.9
84425	-5.9	-76.1	184	ALL	MSLP	24	0	0	1.3	8.4	8.5
84452	-6.8	-79.8	34	ALL	MSLP	107	0	0	1.6	6.6	6.8
84455	-6.5	-76.4	282	ALL	MSLP	83	0	0	2.0	9.3	9.5
84501	-8.1	-79.0	30	ALL	MSLP	80	0	0	1.6	5.3	5.6
84720	-14.9	-74.9	567	ALL	MSLP	55	0	0	1.5	6.5	6.6
84782	-18.1	-70.3	458	ALL	MSLP	80	0	0	2.0	4.2	4.6
85041	-11.0	-68.8	235	ALL	MSLP	56	0	0	2.0	7.7	8.0
85365	-22.0	-63.7	645	ALL	MSLP	56	0	0	3.2	5.3	6.1
85406	-18.4	-70.3	55	ALL	MSLP	120	0	0	1.9	5.2	5.5

WMO REGION 4

STN No.	LAT	LONG	HT(M)	TIME	ELEM	NOBS	NGE	PGE	SD	BIAS	RMS
71506	67.0	-136.2	720	ALL	MSLP	120	0	0	1.5	-4.1	4.4
76061	31.3	-113.6	48	ALL	MSLP	22	0	0	1.2	4.5	4.7
76220	29.0	-107.8	1932	ALL	MSLP	57	7	12	3.0	9.4	9.8
76323	26.9	-105.7	1661	ALL	MSLP	73	0	0	4.0	4.7	6.2
76625	20.6	-100.4	1880	ALL	MSLP	23	0	0	2.9	-4.5	5.3
76658	19.2	-103.7	494	ALL	MSLP	21	0	0	1.3	5.3	5.4
76726	18.9	-99.2	1618	ALL	MSLP	60	0	0	3.7	-4.6	5.8
78588	17.2	-87.5	1	ALL	MSLP	114	114	100	**	**	**
97378	-10.7	123.1	1	ALL	MSLP	43	33	77	0.4	-14.4	14.4

WMO REGION 6

STN No.	LAT	LONG	HT(M)	TIME	ELEM	NOBS	NGE	PGE	SD	BIAS	RMS
17042	41.4	41.4	33	ALL	MSLP	109	0	0	4.1	4.6	6.1

LIST OF SUSPECT RADIOSONDE STATIONS FOR APR 2005

WMO REGION 1

STN No.	LAT	LONG	HT(M)	TIME	ELEM	LEV	NOBS	NGE	SD	BIAS	RMS	SUSPECT
64650	4.4	18.5	366	12	GEOP	1000	15	1	9.4	62.2	62.9	4

WMO REGION 2

STN No.	LAT	LONGHT(M)	TIME	ELEM	LEV	NOBS	NGE	SD	BIAS	RMS	SUSPECT
23804	61.7	50.8	119 00	GEOP	50	18	0	97.5	-115.7	149.6	3
25428	65.2	160.5	264 00	GEOP	250	16	1	78.9	-38.3	85.3	7
28275	58.2	68.3	50 12	GEOP	250	14	0	33.0	76.6	82.9	7
31168	56.5	138.1	8 00	GEOP	50	17	1	70.3	270.6	279.0	7
42101	30.3	76.5	251 00	GEOP	150	20	1	57.7	-108.5	122.2	10
42101	30.3	76.5	251 12	GEOP	100	10	1	129.2	9.0	122.1	6
42182	28.6	77.2	216 00	GEOP	200	20	1	64.4	-81.6	102.9	5
42182	28.6	77.2	216 12	GEOP	50	12	2	112.0	144.1	179.0	3
42314	27.5	95.0	111 00	GEOP	100	10	0	70.6	-143.9	158.7	5
42339	26.3	73.0	224 00	GEOP	200	21	3	109.5	-87.4	137.7	8
42361	26.2	78.3	207 00	GEOP	200	15	0	84.6	-96.1	126.2	7
42369	26.8	80.9	128 00	GEOP	250	11	1	119.3	-90.5	144.9	9
42369	26.8	80.9	128 12	GEOP	200	10	1	111.7	-60.7	121.5	5
42379	26.8	83.4	77 00	GEOP	200	23	0	66.4	-115.3	132.3	7
42397	26.7	88.4	123 00	GEOP	850	23	0	16.0	-34.0	37.5	6
42397	26.7	88.4	123 12	GEOP	1000	11	0	11.1	-36.3	37.8	5
42410	26.1	91.6	54 00	GEOP	250	10	1	60.1	-79.8	97.8	5
42492	25.6	85.1	60 12	GEOP	100	21	0	105.1	-101.1	144.0	4
42647	23.1	72.6	55 12	GEOP	200	10	0	106.8	4.8	101.5	3
42701	23.3	85.3	652 00	GEOP	100	21	1	122.9	-63.0	135.3	6
42724	23.9	91.3	16 00	GEOP	200	11	0	123.7	-80.6	142.9	9
42724	23.9	91.3	16 12	GEOP	400	11	0	61.5	-61.6	85.1	3
42809	22.6	88.4	6 00	GEOP	30	16	3	60.0	282.4	288.2	10
42809	22.6	88.4	6 12	GEOP	100	22	0	89.4	-169.2	190.4	10
42867	21.1	79.1	310 00	GEOP	200	24	1	106.7	-3.5	104.4	8
42867	21.1	79.1	310 12	GEOP	250	10	0	78.4	-31.4	80.7	4
42971	20.3	85.8	46 00	GEOP	50	12	0	123.8	109.0	161.0	5
42971	20.3	85.8	46 12	GEOP	200	17	0	94.2	-57.9	108.2	7
43003	19.1	72.8	14 00	GEOP	150	16	3	78.2	-135.0	154.5	9
43003	19.1	72.8	14 12	GEOP	200	23	1	53.8	-79.1	95.0	8
43014	19.9	75.4	579 12	GEOP	300	17	1	79.2	42.8	87.9	3
43128	17.5	78.5	545 00	GEOP	100	16	0	144.9	-89.8	166.6	6
43150	17.7	83.3	66 00	GEOP	150	22	0	114.5	-82.4	138.9	8
43185	16.2	81.2	3 00	GEOP	150	14	0	122.8	-14.0	119.1	5
43185	16.2	81.2	3 12	GEOP	1000	11	0	38.8	34.4	50.5	6
43192	15.5	73.8	60 00	GEOP	200	10	0	96.3	-67.2	113.4	3
43279	13.0	80.2	16 00	GEOP	200	13	0	103.5	26.3	102.9	6
43279	13.0	80.2	16 12	GEOP	300	16	0	68.9	1.1	66.8	3
43285	12.9	74.8	31 00	GEOP	150	22	1	107.1	-3.2	104.6	3
43333	11.7	92.7	79 00	GEOP	150	27	0	61.3	-93.3	111.0	3
43333	11.7	92.7	79 12	GEOP	100	22	1	90.3	-149.1	173.2	5
43346	10.9	79.8	7 00	GEOP	150	11	0	97.2	41.4	101.5	5
43353	9.9	76.3	3 00	GEOP	150	16	0	108.2	-69.4	125.7	5
43369	8.3	73.2	2 00	GEOP	150	14	2	107.9	-43.1	112.0	5
43371	8.5	76.9	64 00	GEOP	150	15	3	75.8	-148.1	164.9	9
43371	8.5	76.9	64 12	GEOP	150	18	0	114.8	-34.7	116.8	6
44259	48.1	114.5	756 00	GEOP	925	27	2	48.4	-28.6	55.3	6

WMO REGION 3

STN No.	LAT	LONGHT(M)	TIME	ELEM	LEV	NOBS	NGE	SD	BIAS	RMS	SUSPECT
83779	-23.5	-46.6	10000 00	GEOP	200	30	0	69.3	141.3	156.9	7
83779	-23.5	-46.6	10000 12	GEOP	250	28	0	58.9	126.9	139.4	7

WMO REGION 4

STN No.	LAT	LONGHT(M)	TIME	ELEM	LEV	NOBS	NGE	SD	BIAS	RMS	SUSPECT
76723	18.7	-110.9	35 12	GEOP	850	24	0	6.0	42.2	42.6	7
78866	18.0	-63.1	9 12	GEOP	200	24	0	72.8	56.8	91.2	5
78954	13.1	-59.5	56 12	GEOP	150	30	0	23.9	98.4	101.2	4

WMO REGION 5

STN No.	LAT	LONGHT(M)	TIME	ELEM	LEV	NOBS	NGE	SD	BIAS	RMS	SUSPECT
91366	8.7	167.7	8 00	GEOP	70	23	0	92.9	127.4	156.5	7
91366	8.7	167.7	8 12	GEOP	150	29	3	113.9	-96.2	147.4	7
92044	-2.1	147.4	5 00	GEOP	200	28	0	69.5	34.4	76.5	3
97072	-0.7	119.7	6 00	GEOP	100	12	0	74.8	77.9	105.8	5
97372	-10.2	123.7	108 00	GEOP	200	10	0	75.1	85.6	111.4	6

WMO REGION 6

STN No.	LAT	LONGHT(M)	TIME	ELEM	LEV	NOBS	NGE	SD	BIAS	RMS	SUSPECT
04202	76.5	-68.8	77 12	GEOP	300	13	0	70.2	-40.5	78.7	7
27199	58.6	49.6	158 12	GEOP	70	18	0	64.9	113.1	129.4	3
34560	48.8	44.4	134 12	GEOP	250	30	0	37.8	66.5	76.2	7

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	500	28	0	43.0	58.1	71.9	6

LIST OF SUSPECT SHIPS FOR APR 2005

WIND DIRECTION

SHIP No.	LAT/LONG	TIME	ELEM	NOBS	NGE	PGE	SD	BIAS	RMS
A8DO8	-32.0 55.7	ALL	DD	33	0	0	92.1	1.7	90.7
CGDS	44.2 -76.5	ALL	DD	44	0	0	86.4	31.1	90.9
KGTY	49.1 -126.4	ALL	DD	37	0	0	40.4	-31.7	50.9
KS034	39.6 2.6	ALL	DD	39	0	0	22.0	35.2	41.4
S6JT	42.3 -9.9	ALL	DD	22	1	5	49.7	-36.7	60.8
S6TS	34.9 -169.8	ALL	DD	30	0	0	86.8	-7.4	85.6
SWLC	27.3 143.1	ALL	DD	27	0	0	88.0	6.3	86.6
VEP717	46.7 -48.7	ALL	DD	107	0	0	20.3	30.9	36.9
VNVR	-34.3 150.5	ALL	DD	41	0	0	55.3	31.9	63.3

WIND SPEED

SHIP No.	LAT/LONG	TIME	ELEM	NOBS	NGE	PGE	SD	BIAS	RMS
4XFC	36.6 131.9	ALL	FF	36	0	0	4.2	5.2	6.6
4XGS	40.8 139.2	ALL	FF	36	1	3	4.6	5.5	7.2
A8AM4	30.9 32.3	ALL	FF	21	0	0	5.1	5.4	7.4
C6QF6	6.2 -50.7	ALL	FF	55	0	0	3.6	7.6	8.4
ELWX5	23.0 -84.0	ALL	FF	81	0	0	5.4	5.0	7.4
ELXL3	28.7 -88.2	ALL	FF	21	0	0	3.7	5.7	6.7
ELZX2	36.7 153.7	ALL	FF	44	0	0	4.3	5.3	6.8
SCKB	48.3 -33.5	ALL	FF	31	0	0	2.6	5.0	5.6
TSMU	37.5 10.4	ALL	FF	57	0	0	3.8	5.0	6.3
UCDL	48.7 140.7	ALL	FF	25	0	0	3.5	5.5	6.4
UHOM	73.0 16.1	ALL	FF	42	0	0	3.5	5.1	6.1
V2AH1	12.4 45.2	ALL	FF	30	0	0	6.0	7.4	9.5
VCLX	45.5 -83.4	ALL	FF	47	0	0	2.9	5.0	5.8
VEP717	46.7 -48.7	ALL	FF	116	0	0	4.7	6.8	8.3
WCQ8110	59.0 -160.3	ALL	FF	59	1	2	4.3	5.2	6.7
YJUF7	46.7 -48.0	ALL	FF	120	0	0	3.7	5.8	6.9

MEAN SEA LEVEL PRESSURE

SHIP No.	LAT/LONG	TIME	ELEM	NOBS	NGE	PGE	SD	BIAS	RMS
3FKM8	20.5 132.4	ALL	MSLP	27	0	0	1.1	11.2	11.3
9VVN	33.8 145.6	ALL	MSLP	22	0	0	2.0	-4.2	4.6
C6PZ3	-0.9 -2.9	ALL	MSLP	43	1	2	1.1	4.3	4.4
CG2960	44.6 -80.9	ALL	MSLP	99	0	0	3.2	4.1	5.2
DGXS	12.2 49.7	ALL	MSLP	46	0	0	1.2	4.2	4.4
OZWA2	45.9 -179.3	ALL	MSLP	36	0	0	3.2	-4.1	5.2
UASU	74.4 19.3	ALL	MSLP	89	6	7	2.7	-4.8	5.5
UBAW	61.5 -8.3	ALL	MSLP	23	4	17	5.0	4.5	6.6
UDYG	20.9 -17.0	ALL	MSLP	57	0	0	1.6	7.8	8.0
UFXV	4.0 5.3	ALL	MSLP	24	0	0	2.6	5.8	6.3
UGGA	71.1 21.4	ALL	MSLP	28	16	57	8.1	0.5	7.8
UHCE	57.2 -160.7	ALL	MSLP	25	0	0	4.2	4.1	5.8
VQGQ4	5.9 88.0	ALL	MSLP	29	0	0	2.4	5.2	5.7
VVCZ	5.1 0.6	ALL	MSLP	22	0	0	1.8	4.6	4.9
WCY7054	59.0 -150.8	ALL	MSLP	22	0	0	3.6	4.9	6.0
XXXX	48.7 2.0	ALL	MSLP	46	46	100	**	**	**

SEA SURFACE TEMPERATURE

SHIP No.	LAT/LONG		TIME	ELEM	NOBS	NGE	PGE	SD	BIAS	RMS
3EMQ9	-19.8	117.6	ALL	SST	61	0	0	1.2	-3.3	3.5
3FJV4	34.6	139.3	ALL	SST	52	0	0	1.0	5.1	5.2
9HCH7	32.0	-80.3	ALL	SST	57	0	0	0.9	4.0	4.1
ATQP	17.9	58.1	ALL	SST	20	0	0	1.9	3.4	3.9
CG2960	44.6	-80.9	ALL	SST	57	5	9	2.6	-4.9	5.6
CGDR	49.1	-125.9	ALL	SST	53	4	8	2.4	6.3	6.7
CGDS	44.2	-76.5	ALL	SST	44	5	11	3.7	-3.2	4.8
DGGV	23.4	37.0	ALL	SST	37	0	0	1.6	3.3	3.7
DHEB	9.6	109.2	ALL	SST	52	0	0	3.1	5.1	5.9
ELVZ6	-28.7	158.3	ALL	SST	25	0	0	2.0	6.3	6.6
ELXL3	28.7	-88.2	ALL	SST	21	0	0	1.7	4.6	4.9
FNIW	2.4	86.8	ALL	SST	46	0	0	0.7	3.2	3.3
HZZD	24.7	-84.1	ALL	SST	65	5	8	3.4	-3.2	4.6
KHRP	-17.5	-12.6	ALL	SST	66	1	2	1.1	3.8	4.0
PCBI	10.8	-59.7	ALL	SST	24	0	0	0.4	-3.5	3.6
PDTM	53.8	6.7	ALL	SST	29	1	3	2.1	5.0	5.4
UCAD	43.7	35.2	ALL	SST	28	1	4	1.6	3.8	4.1
UCJO	26.5	-62.2	ALL	SST	38	0	0	1.2	-3.0	3.3
UCOP	69.4	15.5	ALL	SST	34	0	0	2.3	3.1	3.8
UDYG	20.9	-17.0	ALL	SST	57	12	21	2.3	-5.7	6.1
UDYN	16.3	-16.8	ALL	SST	29	4	14	2.7	-6.3	6.9
UICP	17.8	-16.4	ALL	SST	49	9	18	3.1	-5.7	6.5
V2AC6	40.9	-145.3	ALL	SST	23	0	0	1.1	3.1	3.2
WAAH	32.9	-78.8	ALL	SST	67	1	1	2.4	3.8	4.5
WCW9126	60.8	-151.3	ALL	SST	29	1	3	2.2	4.7	5.2
WE4805	43.6	-82.5	ALL	SST	30	7	23	2.9	-4.2	5.1
WGJF	12.6	111.4	ALL	SST	45	5	11	2.6	-5.2	5.8
WSDX	60.0	145.9	ALL	SST	29	9	31	3.1	2.7	4.0
WYP8657	47.0	-91.6	ALL	SST	51	11	22	3.6	-3.5	5.0

LIST OF SUSPECT BUOYS FOR APR 2005

WIND DIRECTION

BUOY No.	LAT/LONG		TIME	ELEM	NOBS	NGE	PGE	SD	BIAS	RMS
22103	34.0	127.5	ALL	DD	65	0	0	32.1	51.0	60.1
41542	26.3	-70.8	ALL	DD	73	0	0	30.7	31.3	43.7
52077	2.0	147.0	ALL	DD	22	0	0	94.6	-85.0	125.6

WIND SPEED

BUOY No.	LAT/LONG		TIME	ELEM	NOBS	NGE	PGE	SD	BIAS	RMS
41921	27.6	-74.9	ALL	FF	91	0	0	2.3	-5.1	5.5

MEAN SEA LEVEL PRESSURE

BUOY No.	LAT/LONG		TIME	ELEM	NOBS	NGE	PGE	SD	BIAS	RMS
17910	-50.0	26.5	ALL	MSLP	120	0	0	3.6	4.1	5.4
25522	83.8	88.4	ALL	MSLP	99	81	82	5.7	-1.0	5.6
41921	27.6	-74.9	ALL	MSLP	96	0	0	2.5	5.5	6.1
41924	24.0	-72.7	ALL	MSLP	55	2	4	2.9	7.7	8.2

SEA SURFACE TEMPERATURE

BUOY No.	LAT/LONG		TIME	ELEM	NOBS	NGE	PGE	SD	BIAS	RMS
17559	-34.0	-16.5	ALL	SST	120	44	37	0.7	8.8	8.8
22610	16.7	107.5	ALL	SST	28	0	0	0.9	-5.8	5.9
32538	-4.9	-98.5	ALL	SST	85	0	0	0.4	-3.7	3.7
32620	-5.4	-105.9	ALL	SST	103	0	0	0.2	-4.0	4.0
32623	2.9	-84.6	ALL	SST	76	0	0	0.7	-4.0	4.0
32693	17.3	-178.0	ALL	SST	119	0	0	0.2	3.3	3.3
32741	5.0	-93.3	ALL	SST	91	0	0	0.5	-3.9	3.9
41912	30.3	-60.7	ALL	SST	34	0	0	0.5	-3.4	3.4
43519	31.0	-113.8	ALL	SST	118	16	14	6.1	0.0	6.1
43520	30.2	-113.2	ALL	SST	82	13	16	6.2	-1.0	6.2
43522	28.7	-112.3	ALL	SST	101	31	31	4.1	-2.5	4.8
44504	46.0	-46.7	ALL	SST	63	50	79	1.0	9.1	9.1
44512	48.6	-49.3	ALL	SST	117	1	1	1.6	3.9	4.2
44843	63.3	-25.7	ALL	SST	22	6	27	0.1	0.6	0.6
46972	16.4	126.0	ALL	SST	93	0	0	0.5	5.5	5.5
53576	20.6	110.4	ALL	SST	43	26	60	1.6	-7.4	7.5

BUOY No.	LAT/LONG		TIME	ELEM	NOBS	NGE	PGE	SD	BIAS	RMS
56619	-64.3	111.5	ALL	SST	54	32	59	1.5	8.0	8.1
71573	-63.8	-61.7	ALL	SST	96	17	18	2.0	3.6	4.1
71576	-64.2	-63.1	ALL	SST	119	14	12	2.6	3.6	4.4
71626	-65.9	-67.6	ALL	SST	120	0	0	2.1	3.4	4.0
71635	-67.4	-70.3	ALL	SST	120	29	24	2.5	4.0	4.7
71636	-68.5	-69.6	ALL	SST	55	16	29	2.5	6.2	6.7
71637	-68.2	-71.5	ALL	SST	30	5	17	2.5	5.2	5.8

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