

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

**LIST OF SUSPECT LAND SURFACE STATIONS DEC 2003**

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	65	0	0	1.2	4.2	4.3
62271	24.2	23.3	436	ALL	MSLP	48	0	0	1.4	4.4	4.6
64222	-5.0	18.8	449	ALL	MSLP	21	0	0	1.9	4.9	5.2
68674	-31.6	29.5	47	ALL	MSLP	24	2	8	2.0	8.2	8.4

WMO REGION 2

STN NO.	LAT	LONG	HT (M)	TIME	ELEM	NOBS	NGE	PGE	SD	BIAS	RMS
24266	67.6	133.4	137	ALL	MSLP	122	0	0	3.2	4.0	5.1
24671	64.0	135.9	402	ALL	MSLP	91	1	1	3.1	7.4	8.0
24688	63.3	143.1	741	ALL	MSLP	124	73	59	3.7	10.1	10.7
25248	67.3	168.0	353	ALL	MSLP	20	0	0	2.1	5.1	5.5
30537	54.0	108.3	464	ALL	MSLP	124	0	0	2.5	-5.7	6.2
30731	53.0	108.3	487	ALL	MSLP	123	0	0	2.5	-4.9	5.5
30811	51.7	102.5	721	ALL	MSLP	58	0	0	3.6	5.7	6.7
30935	50.4	108.8	771	ALL	MSLP	123	6	5	5.0	4.4	6.6
31137	56.3	131.1	850	ALL	MSLP	116	2	2	4.6	5.5	7.2
31329	53.1	132.9	542	ALL	MSLP	121	0	0	2.8	5.0	5.7
31474	51.6	133.3	384	ALL	MSLP	120	0	0	2.7	4.6	5.3
31478	52.3	134.0	902	ALL	MSLP	121	0	0	3.7	6.1	7.1
36096	51.7	94.5	628	ALL	MSLP	116	40	34	3.6	9.6	10.2
40726	36.8	45.7	1385	ALL	MSLP	110	0	0	2.9	5.4	6.1
40741	36.5	61.2	236	ALL	MSLP	112	0	0	2.7	-4.7	5.4
40827	31.5	60.0	1211	ALL	MSLP	54	0	0	2.6	4.7	5.4
44203	51.1	99.7	1583	ALL	MSLP	123	73	59	4.4	9.5	10.5
44207	50.4	100.2	1687	ALL	MSLP	124	8	6	5.2	5.1	7.3
44212	49.8	92.1	936	ALL	MSLP	123	77	63	5.2	8.0	9.6
44213	49.7	94.4	1232	ALL	MSLP	122	68	56	4.6	8.6	9.7
44214	49.0	90.0	1714	ALL	MSLP	121	8	7	6.0	3.6	7.0
44215	49.1	91.7	1591	ALL	MSLP	121	31	26	6.7	5.3	8.5
44217	48.3	89.5	2148	ALL	MSLP	103	19	18	5.7	5.1	7.6
44218	48.0	91.7	1406	ALL	MSLP	120	35	29	5.3	7.3	9.0
44224	48.8	90.1	1928	ALL	MSLP	115	56	49	7.7	4.1	8.7
44225	48.7	98.3	1723	ALL	MSLP	120	82	68	4.6	7.6	8.8
44230	49.6	102.0	1236	ALL	MSLP	121	5	4	4.4	7.0	8.3
44231	49.6	100.2	1288	ALL	MSLP	123	6	5	5.1	4.1	6.5
44232	49.4	102.7	933	ALL	MSLP	121	19	16	5.1	6.9	8.6
44241	48.9	106.1	807	ALL	MSLP	122	2	2	4.2	6.8	7.9
44265	46.1	91.6	1186	ALL	MSLP	122	77	63	2.4	12.0	12.2
44266	46.3	93.9	2222	ALL	MSLP	118	1	1	5.1	4.3	6.7
44272	47.8	96.8	1753	ALL	MSLP	121	4	3	6.0	6.8	9.0
44275	46.8	98.1	2255	ALL	MSLP	119	31	26	6.3	6.7	9.2
44277	46.4	96.3	2147	ALL	MSLP	121	1	1	6.4	-0.9	6.5
44284	46.7	100.1	2117	ALL	MSLP	123	62	50	5.4	8.6	10.1
44285	46.9	102.8	1655	ALL	MSLP	122	12	10	5.0	6.9	8.5
44286	47.2	104.2	1357	ALL	MSLP	96	2	2	4.3	5.1	6.6
44287	46.1	100.7	1860	ALL	MSLP	124	0	0	4.7	4.1	6.2
44292	47.9	107.0	1338	ALL	MSLP	123	4	3	4.4	7.3	8.5
44294	47.3	107.5	1427	ALL	MSLP	123	11	9	5.0	4.5	6.7
44298	46.5	108.2	1285	ALL	MSLP	120	0	0	3.2	4.2	5.3
44304	47.3	110.7	1029	ALL	MSLP	117	2	2	3.7	4.5	5.9
44325	44.9	96.8	1183	ALL	MSLP	115	1	1	5.6	4.8	7.4
44336	45.5	103.9	1316	ALL	MSLP	100	9	9	3.9	8.8	9.6

STN NO.	LAT	LONG	HT (M)	TIME	ELEM	NOBS	NGE	PGE	SD	BIAS	RMS
44354	44.9	110.1	938	ALL	MSLP	118	1	1	3.4	4.0	5.3
47114	37.3	127.9	150	ALL	MSLP	124	103	83	0.8	-0.3	0.9
48952	15.7	106.4	168	ALL	MSLP	44	0	0	1.0	-4.2	4.3
50727	47.2	119.9	1028	ALL	MSLP	124	0	0	2.3	4.5	5.0
51053	48.0	86.3	534	ALL	MSLP	120	0	0	2.0	4.1	4.5
51076	47.7	88.1	737	ALL	MSLP	124	0	0	1.8	6.4	6.7
51087	47.0	89.5	827	ALL	MSLP	124	0	0	2.1	8.4	8.7
51156	46.8	85.7	1294	ALL	MSLP	124	0	0	2.2	5.3	5.7
51243	45.6	84.8	428	ALL	MSLP	123	0	0	2.4	6.1	6.5
51334	44.6	82.9	321	ALL	MSLP	123	0	0	2.9	6.3	6.9
51379	44.0	89.6	794	ALL	MSLP	118	0	0	2.5	7.1	7.6
51463	43.8	87.7	919	ALL	MSLP	124	0	0	2.2	4.4	4.9
51495	43.2	91.7	792	ALL	MSLP	120	21	18	2.4	10.9	11.2
51573	42.9	89.2	37	ALL	MSLP	124	0	0	3.2	4.3	5.4
51709	39.5	76.0	1291	ALL	MSLP	124	0	0	2.4	5.8	6.3
51747	39.0	83.7	1099	ALL	MSLP	124	0	0	2.4	5.7	6.2
51777	39.0	88.2	889	ALL	MSLP	124	0	0	3.0	4.3	5.2
51811	38.4	77.3	1232	ALL	MSLP	124	0	0	2.4	5.1	5.6
51818	37.6	78.3	1376	ALL	MSLP	123	0	0	2.7	5.9	6.5
52267	42.0	101.1	941	ALL	MSLP	124	0	0	2.1	4.2	4.7
52378	41.4	102.4	960	ALL	MSLP	123	0	0	2.3	5.1	5.5
52418	40.2	94.7	1140	ALL	MSLP	124	0	0	2.5	6.3	6.7
52436	40.3	97.0	1527	ALL	MSLP	120	0	0	2.6	6.9	7.3
52495	40.8	104.5	1329	ALL	MSLP	124	0	0	2.9	5.8	6.4
52533	39.8	98.5	1478	ALL	MSLP	124	0	0	2.6	6.8	7.3
52652	38.9	100.4	1483	ALL	MSLP	124	2	2	3.4	7.1	7.9
52681	38.6	103.1	1367	ALL	MSLP	124	0	0	2.6	4.8	5.4
53083	44.6	114.2	1183	ALL	MSLP	120	0	0	2.4	5.3	5.8
53192	44.0	114.9	1128	ALL	MSLP	124	0	0	2.1	7.1	7.4
53336	41.6	108.5	1290	ALL	MSLP	124	0	0	2.3	4.6	5.2
53352	41.7	110.4	1377	ALL	MSLP	122	0	0	2.3	4.3	4.9
53391	41.9	114.0	1484	ALL	MSLP	124	0	0	2.2	4.6	5.0
53463	40.8	111.7	1065	ALL	MSLP	124	0	0	2.4	4.3	4.9
53480	41.0	113.1	1416	ALL	MSLP	118	0	0	2.6	5.0	5.7
53502	39.8	105.8	1143	ALL	MSLP	123	0	0	2.3	4.4	5.0
53564	39.4	111.2	861	ALL	MSLP	123	0	0	2.3	4.3	4.8
53593	39.8	114.6	910	ALL	MSLP	122	0	0	2.4	4.9	5.5
53723	37.8	107.4	1349	ALL	MSLP	124	0	0	3.0	4.5	5.4
54102	44.0	116.1	991	ALL	MSLP	124	0	0	2.1	5.2	5.6
54208	42.2	116.5	1247	ALL	MSLP	124	0	0	3.1	6.0	6.7
54386	41.3	128.2	1018	ALL	MSLP	123	0	0	2.6	4.5	5.2
56287	30.0	103.0	629	ALL	MSLP	124	0	0	1.8	4.8	5.1

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	45	1	2	1.1	4.9	5.1
82212	-2.5	-66.2	55	ALL	MSLP	83	0	0	2.9	4.2	5.0
82765	-7.3	-47.5	193	ALL	MSLP	88	0	0	1.6	4.4	4.7
83319	-14.7	-52.3	315	ALL	MSLP	88	0	0	1.1	6.3	6.4
83738	-22.5	-44.5	440	ALL	MSLP	84	38	45	1.2	-13.6	13.7
84390	-4.6	-81.3	90	ALL	MSLP	26	0	0	1.2	4.2	4.3
84401	-5.2	-80.6	55	ALL	MSLP	122	0	0	1.4	4.9	5.1
84425	-5.9	-76.1	184	ALL	MSLP	26	0	0	1.2	8.0	8.1
84455	-6.4	-76.4	282	ALL	MSLP	92	0	0	1.8	9.7	9.8
84501	-8.1	-79.0	30	ALL	MSLP	92	0	0	1.6	4.9	5.2
84720	-14.9	-74.9	567	ALL	MSLP	61	0	0	1.4	5.8	6.0
84782	-18.1	-70.3	458	ALL	MSLP	97	0	0	1.4	8.4	8.5
85041	-11.0	-68.8	235	ALL	MSLP	58	0	0	1.6	8.2	8.4
85195	-16.3	-62.5	534	ALL	MSLP	59	0	0	2.0	4.2	4.6
85394	-22.8	-64.3	381	ALL	MSLP	47	0	0	3.2	5.4	6.3
85406	-18.4	-70.3	55	ALL	MSLP	117	0	0	1.8	5.8	6.0

## 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	12	10	6.3	-0.2	6.3
71048	61.6	-125.8	610	ALL	MSLP	56	0	0	3.9	8.4	9.2
71060	65.6	-118.1	230	ALL	MSLP	121	17	14	8.4	-0.5	8.3
71094	66.6	-61.6	393	ALL	MSLP	118	0	0	1.7	-4.6	4.9
71139	49.7	-109.5	1271	ALL	MSLP	81	0	0	1.7	-4.6	4.8
71506	67.0	-136.2	720	ALL	MSLP	123	1	1	2.8	-6.2	6.8
71786	51.5	-116.3	1615	ALL	MSLP	124	1	1	3.7	4.6	5.9
72375	35.1	-11.2	2139	ALL	MSLP	121	17	14	7.9	-1.6	8.0
72462	37.4	-105.9	2299	ALL	MSLP	122	0	0	5.5	5.0	7.4
76220	29.0	-107.8	1932	ALL	MSLP	56	39	70	4.9	8.7	9.9
76225	28.6	-106.1	1435	ALL	MSLP	66	1	2	3.6	-5.9	6.9
76323	26.9	-105.7	1661	ALL	MSLP	70	5	7	3.6	7.8	8.5
76571	21.9	-102.3	1874	ALL	MSLP	33	0	0	4.4	4.7	6.4
76658	19.2	-103.7	494	ALL	MSLP	27	0	0	0.9	5.6	5.7
76662	20.0	-102.3	1562	ALL	MSLP	22	0	0	3.6	5.0	6.1
76687	19.5	-96.9	1389	ALL	MSLP	102	0	0	1.7	4.0	4.4
76773	17.8	-97.8	1680	ALL	MSLP	35	0	0	4.8	7.3	8.7
76843	16.8	-93.1	528	ALL	MSLP	88	0	0	1.1	6.2	6.3
76903	14.9	-92.3	118	ALL	MSLP	64	0	0	1.5	4.8	5.0
78588	17.2	-87.5	1	ALL	MSLP	124	118	95	0.9	0.7	1.1

## WMO REGION 5

STN NO.	LAT	LONG	HT (M)	TIME	ELEM	NOBS	NGE	PGE	SD	BIAS	RMS
96753	-6.5	106.8	250	ALL	MSLP	52	0	0	1.0	5.7	5.8
97378	-10.7	123.1	1	ALL	MSLP	36	32	89	0.5	-13.8	13.8
98851	6.1	125.2	15	ALL	MSLP	32	2	6	1.9	-5.0	5.3

## WMO REGION 6

STN NO.	LAT	LONG	HT (M)	TIME	ELEM	NOBS	NGE	PGE	SD	BIAS	RMS
02151	66.5	20.2	275	ALL	MSLP	61	25	41	3.8	1.9	4.2
11141	47.4	13.2	550	ALL	MSLP	40	0	0	2.6	4.7	5.3

## WMO REGION ANTARCTICA

STN NO.	LAT	LONG	HT (M)	TIME	ELEM	NOBS	NGE	PGE	SD	BIAS	RMS
89253	-63.2	-55.4	75	ALL	MSLP	21	0	0	2.8	6.8	7.4
89263	-66.0	-66.1	20	ALL	MSLP	120	106	88	12.2	-5.0	12.8

**LIST OF SUSPECT RADIOSONDE STATIONS FOR DEC 2003**

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WMO REGION 2

STN NO.	LAT	LONG	HT (M)	TIME	ELEM	LEV	NOBS	NGE	SD	BIAS	RMS	SUSPECT
20744	72.4	52.7	15	00	GEOP	150	15	1	57.6	129.1	140.5	5
40417	26.5	49.8	12	00	GEOP	1000	25	0	29.5	12.6	31.5	3
42101	30.3	76.5	251	00	GEOP	150	27	0	68.3	-100.8	121.1	7
42101	30.3	76.5	251	12	GEOP	200	22	0	61.8	-66.9	90.1	6
42182	28.6	77.2	216	00	GEOP	500	18	0	42.8	61.3	74.1	8
42182	28.6	77.2	216	12	GEOP	400	16	1	59.7	74.9	94.6	9
42314	27.5	95.0	111	00	GEOP	100	10	1	119.2	-72.8	133.9	3
42314	27.5	95.0	111	12	GEOP	250	11	0	56.6	-103.5	116.8	5
42361	26.2	78.3	207	00	GEOP	925	25	1	18.9	-53.8	56.9	5
42361	26.2	78.3	207	12	GEOP	925	26	0	18.7	-45.3	48.9	8
42369	26.8	80.9	128	00	GEOP	300	13	0	70.9	-89.4	112.4	5
42369	26.8	80.9	128	12	GEOP	200	16	0	70.4	-110.1	129.5	8
42379	26.8	83.4	77	00	GEOP	150	12	0	89.7	-74.2	113.5	3
42397	26.7	88.4	123	12	GEOP	250	10	1	57.3	-115.8	127.8	8
42410	26.1	91.6	54	00	GEOP	100	11	0	120.5	-20.5	116.7	4
42410	26.1	91.6	54	12	GEOP	250	12	1	44.6	-81.1	91.6	4
42492	25.6	85.1	60	00	GEOP	250	28	0	83.7	-42.8	92.6	10
42492	25.6	85.1	60	12	GEOP	100	12	1	70.6	-188.0	199.7	9
42667	23.3	77.3	523	00	GEOP	150	12	0	103.2	-25.2	101.9	3
42867	21.1	79.1	310	00	GEOP	200	16	0	43.4	-84.1	94.0	5
42867	21.1	79.1	310	12	GEOP	30	11	1	124.7	165.2	203.2	6
42971	20.3	85.8	46	12	GEOP	70	14	0	139.7	59.6	147.2	4
43003	19.1	72.8	14	00	GEOP	200	20	1	47.1	-133.8	141.5	11
43185	16.2	81.2	3	00	GEOP	50	10	0	198.0	-52.5	195.0	9
43185	16.2	81.2	3	12	GEOP	200	23	0	100.2	-18.1	99.7	7
43192	15.5	73.8	60	12	GEOP	300	12	0	56.4	82.2	98.3	6
43295	13.0	77.6	921	00	GEOP	250	10	0	97.0	25.4	95.5	6
43295	13.0	77.6	921	12	GEOP	200	11	0	65.7	111.6	128.0	8
43333	11.7	92.7	79	00	GEOP	100	20	0	127.7	47.2	133.1	7
43333	11.7	92.7	79	12	GEOP	200	23	0	78.7	-21.1	79.8	5
43346	10.9	79.8	7	00	GEOP	150	14	1	117.1	68.6	131.7	5
43346	10.9	79.8	7	12	GEOP	50	11	0	166.3	150.4	218.5	9
43371	8.5	76.9	64	00	GEOP	70	17	0	139.9	-110.7	175.2	4
43371	8.5	76.9	64	12	GEOP	150	17	0	112.7	74.4	132.2	6
51431	44.0	81.3	663	00	GEOP	925	31	0	23.9	-39.8	46.2	3
51431	44.0	81.3	663	12	GEOP	925	31	0	28.3	-40.3	49.0	3
58968	25.0	121.5	9	00	GEOP	30	27	0	99.6	185.2	209.4	6

WMO REGION 3

STN NO.	LAT	LONG	HT (M)	TIME	ELEM	LEV	NOBS	NGE	SD	BIAS	RMS	SUSPECT
83554	-19.0	-57.7	142	00	GEOP	850	26	1	11.2	-37.4	39.0	3
83612	-20.5	-54.7	567	12	GEOP	1000	29	0	9.9	30.3	31.8	4
83840	-25.5	-49.2	908	12	GEOP	200	26	0	14.2	89.2	90.3	3

WMO REGION 4

STN NO.	LAT	LONG	HT (M)	TIME	ELEM	LEV	NOBS	NGE	SD	BIAS	RMS	SUSPECT
78866	18.0	-63.1	9	12	GEOP	500	28	1	49.6	21.7	53.3	8

## WMO REGION 5

STN NO.	LAT	LONG	HT (M)	TIME	ELEM	LEV	NOBS	NGE	SD	BIAS	RMS	SUSPECT
91366	8.7	167.7	8	12	GEOP	100	10	0	75.9	-88.7	114.2	3
97180	-5.1	119.6	14	00	GEOP	70	13	0	199.5	-21.9	192.9	6

## WMO REGION 6

STN NO.	LAT	LONG	HT (M)	TIME	ELEM	LEV	NOBS	NGE	SD	BIAS	RMS	SUSPECT
34247	50.4	41.0	92	00	GEOP	30	14	0	121.7	211.9	242.2	7

## WMO REGION ANTARCTICA

STN NO.	LAT	LONG	HT (M)	TIME	ELEM	LEV	NOBS	NGE	SD	BIAS	RMS	SUSPECT
89009	-90.0	0.0	2835	00	GEOP	500	31	0	24.4	63.4	67.8	3
89009	-90.0	0.0	2835	12	GEOP	500	29	0	28.5	61.9	67.9	3
89062	-67.6	-68.1	16	12	GEOP	700	12	1	31.3	-38.9	49.1	7
89592	-66.6	93.0	35	00	GEOP	50	30	0	89.4	115.8	145.4	5

LIST OF SUSPECT SHIPS FOR DEC 2003

SHIP NO.	LAT/LONG		TIME	ELEM	NOBS	NGE	PGE	SD	BIAS	RMS
WIND DIRECTION										
3ETX6	31.3	131.5	ALL	DD	53	0	0	21.6	49.5	53.9
A8DU3	-69.5	11.0	ALL	DD	27	4	15	88.8	31.1	92.3
C6SI6	48.4	-127.3	ALL	DD	33	1	3	74.4	31.3	79.6
CGJK	48.4	-123.4	ALL	DD	39	0	0	42.2	-31.1	51.9
CGSB	46.8	-71.2	ALL	DD	27	0	0	43.6	-30.6	52.6
OYYK2	4.9	-81.1	ALL	DD	27	0	0	41.0	-41.4	57.8
SP32	84.9	29.3	ALL	DD	29	0	0	26.8	77.0	81.4
TEST	39.0	-77.0	ALL	DD	52	30	58	111.6	-29.5	113.0
UANA	71.3	33.7	ALL	DD	62	6	10	84.7	-14.1	85.1
V2EA4	37.4	2.4	ALL	DD	24	10	42	42.4	-34.3	53.3
V2FM	-15.8	123.4	ALL	DD	21	0	0	143.9	11.5	140.9
WCY7052	46.4	-128.4	ALL	DD	35	1	3	36.9	-33.8	49.6

WIND SPEED

3FEI6	15.9	154.1	ALL	FF	87	1	1	3.4	6.8	7.6
3FWP3	22.1	114.7	ALL	FF	30	0	0	2.2	6.5	6.8
4XGV	3.3	105.4	ALL	FF	77	0	0	4.7	5.4	7.1
A8BS2	23.2	59.4	ALL	FF	22	0	0	3.6	5.2	6.3
C6FU4	19.4	-75.1	ALL	FF	34	0	0	2.9	5.3	6.0
C6NI7	48.7	-132.2	ALL	FF	22	0	0	3.8	5.1	6.4
C6NR5	52.5	-156.9	ALL	FF	57	3	5	5.6	10.2	11.6
CFD3491	44.8	-66.7	ALL	FF	28	0	0	3.5	5.8	6.7
DGZO	38.2	-43.2	ALL	FF	36	1	3	3.8	5.2	6.5
ELGJ9	22.6	-66.3	ALL	FF	36	0	0	2.4	5.3	5.8
ELTY4	21.9	114.3	ALL	FF	32	0	0	5.2	10.0	11.2
ELWY3	6.0	-10.0	ALL	FF	25	0	0	2.9	7.4	7.9
ELZX2	22.3	126.6	ALL	FF	47	1	2	4.5	6.0	7.4
FNNO	49.9	-0.6	ALL	FF	53	0	0	3.6	5.7	6.7
FNVA	45.0	-4.2	ALL	FF	76	0	0	3.5	5.5	6.5
H9RS	38.9	142.4	ALL	FF	60	0	0	2.3	5.1	5.6
HOJH	40.5	-70.7	ALL	FF	28	0	0	3.6	5.7	6.7
HP6038	46.4	-48.4	ALL	FF	121	0	0	4.3	6.3	7.6
MSQQ8	34.7	-14.0	ALL	FF	24	0	0	4.6	5.3	7.0
MYJG2	60.4	-4.5	ALL	FF	35	3	9	6.0	8.4	10.2
MYNJ6	17.3	-102.7	ALL	FF	20	0	0	7.9	5.7	9.6
OUVU2	54.1	11.4	ALL	FF	40	0	0	3.4	6.8	7.6
OWFU2	57.6	11.5	ALL	FF	27	0	0	4.4	6.8	8.0
OWLD2	34.9	142.5	ALL	FF	20	0	0	4.6	5.2	6.9
OZQS2	53.7	2.0	ALL	FF	24	0	0	3.4	5.3	6.3
P3JR9	-15.2	108.0	ALL	FF	22	3	14	6.0	16.2	17.2
SCKM	46.0	-50.9	ALL	FF	38	0	0	2.9	5.9	6.6
TEST	39.0	-77.0	ALL	FF	115	66	57	3.2	7.1	7.8
TSMU	38.7	9.8	ALL	FF	37	1	3	6.0	8.1	10.1
UANA	71.3	33.7	ALL	FF	82	6	7	3.9	5.3	6.6
UCUQ	70.3	38.8	ALL	FF	34	0	0	3.2	6.0	6.8
UFJJ	71.4	25.6	ALL	FF	94	1	1	5.8	5.3	7.8
V2EA4	37.4	2.4	ALL	FF	60	10	17	6.9	7.8	10.4
VEP717	46.7	-48.7	ALL	FF	121	1	1	4.7	5.5	7.2
VOTV	48.4	-69.1	ALL	FF	28	0	0	3.6	6.4	7.4
VRWK3	-6.9	120.3	ALL	FF	28	0	0	2.4	5.1	5.6
WE4805	44.6	-82.8	ALL	FF	32	0	0	4.1	8.1	9.1

SHIP NO.	LAT/LONG		TIME	ELEM	NOBS	NGE	PGE	SD	BIAS	RMS
WIND SPEED										
WE4879	46.7	-86.4	ALL	FF	20	0	0	4.0	5.5	6.7
WYP8657	46.8	-85.5	ALL	FF	44	0	0	3.7	5.2	6.4
WYR4481	47.0	-85.4	ALL	FF	39	0	0	3.4	5.9	6.8
WZE4928	47.5	-88.0	ALL	FF	21	0	0	3.3	5.8	6.6
ZCBH9	12.2	51.3	ALL	FF	47	0	0	4.9	5.2	7.1
ZCBO6	22.0	122.7	ALL	FF	39	0	0	2.2	6.3	6.7
ZCBV4	35.7	121.0	ALL	FF	82	0	0	3.5	5.3	6.3
ZCBV7	-17.6	117.8	ALL	FF	25	0	0	3.1	5.1	5.9

MEAN SEA LEVEL PRESSURE

3FPS9	19.7	-67.1	ALL	MSLP	36	0	0	2.2	-4.5	5.0
A8AS7	6.2	92.7	ALL	MSLP	33	0	0	1.3	4.1	4.3
A8CC4	34.0	-74.0	ALL	MSLP	41	0	0	0.9	4.0	4.1
DQVI	24.2	36.4	ALL	MSLP	62	0	0	1.2	4.8	4.9
ELSR6	4.9	-49.9	ALL	MSLP	24	0	0	1.4	-6.8	7.0
LAGB5	37.7	-72.3	ALL	MSLP	32	0	0	1.7	-4.2	4.5
MANE	50.5	0.2	ALL	MSLP	22	0	0	0.6	5.8	5.8
P3JR9	-15.2	108.0	ALL	MSLP	22	10	45	4.8	1.7	4.9
TEST	39.0	-77.0	ALL	MSLP	117	115	98	0.2	-8.7	8.7
UDBK	51.2	157.4	ALL	MSLP	25	1	4	2.7	7.4	7.8
UIZE	69.8	32.0	ALL	MSLP	61	4	7	2.0	5.2	5.5
V2AF4	37.9	-10.1	ALL	MSLP	45	0	0	1.3	4.2	4.4
V2OB1	-34.9	23.0	ALL	MSLP	41	12	29	6.1	-4.9	7.7
V7DY3	33.6	122.8	ALL	MSLP	39	3	8	7.3	-7.9	10.7
VOTV	48.4	-69.1	ALL	MSLP	26	14	54	3.8	-8.8	9.5
WCY7054	48.4	-126.2	ALL	MSLP	30	3	10	1.8	4.5	4.9
WDJK	48.6	-126.8	ALL	MSLP	29	0	0	1.9	-4.3	4.7
WSRH	28.2	-151.8	ALL	MSLP	37	1	3	2.1	-4.1	4.6
UDUR	20.3	-17.5	ALL	MSLP	47	4	9	4.2	9.2	10.1

SEA SURFACE TEMPERATURE

3FKM8	22.0	133.8	ALL	SST	29	0	0	2.0	-3.5	4.0
3FRR5	13.4	150.6	ALL	SST	62	0	0	1.6	4.1	4.4
3FWP3	22.1	114.7	ALL	SST	30	0	0	1.1	3.6	3.8
7KXF	10.1	141.1	ALL	SST	32	14	44	1.3	-0.3	1.3
9VNA	31.7	144.1	ALL	SST	21	0	0	0.7	3.7	3.7
C6OK	41.3	28.9	ALL	SST	72	2	3	2.1	4.1	4.5
C6QE7	43.1	-60.6	ALL	SST	121	0	0	0.9	-4.1	4.2
C6SI4	52.9	-174.8	ALL	SST	23	0	0	2.5	-3.9	4.6
C6YW	32.7	-16.2	ALL	SST	23	0	0	1.5	-3.3	3.6
CG2960	44.8	-79.9	ALL	SST	87	24	28	3.7	4.5	5.8
CGDS	42.9	-82.4	ALL	SST	121	53	44	4.4	4.0	6.0
DBBA	54.1	12.1	ALL	SST	124	7	6	2.8	3.6	4.5
ELWY3	6.0	-10.0	ALL	SST	25	0	0	1.9	3.8	4.3
ELXE2	-31.1	171.0	ALL	SST	23	10	43	1.7	1.3	2.1
ELZT3	-34.7	138.4	ALL	SST	89	89	100	**	**	**
ELZV9	21.5	-168.4	ALL	SST	57	1	2	2.4	-4.4	5.0
FNBR	48.7	-2.2	ALL	SST	67	0	0	2.0	3.0	3.6
FNNB	43.3	5.2	ALL	SST	23	0	0	2.2	3.2	3.8
FNNO	49.9	-0.6	ALL	SST	52	0	0	2.5	3.7	4.4
FNVA	45.0	-4.2	ALL	SST	79	0	0	2.0	3.6	4.1
FQDN	43.2	5.2	ALL	SST	72	2	3	1.9	3.7	4.2
FZVN	43.0	5.9	ALL	SST	26	1	4	1.7	3.0	3.5
GURN	47.5	-10.4	ALL	SST	51	13	25	0.8	0.9	1.2

SHIP NO.	LAT/LONG		TIME	ELEM	NOBS	NGE	PGE	SD	BIAS	RMS
SEA SURFACE TEMPERATURE										
KGJX	36.8	-154.7	ALL	SST	56	0	0	1.8	3.3	3.8
KL0YL	57.8	-152.3	ALL	SST	33	22	67	1.4	5.9	6.1
KRPB	35.7	-46.5	ALL	SST	52	0	0	2.2	-3.2	3.9
LAJV4	38.5	142.2	ALL	SST	49	0	0	1.1	3.5	3.7
LAVY4	19.9	-64.5	ALL	SST	24	1	4	1.2	-3.3	3.5
LF3F	64.3	7.8	ALL	SST	115	0	0	1.3	3.9	4.1
OVYA2	63.7	-52.0	ALL	SST	47	12	26	2.5	3.3	4.1
OXTS2	58.0	5.6	ALL	SST	43	1	2	2.0	3.5	4.0
OZIA	60.1	-42.7	ALL	SST	104	0	0	2.0	5.3	5.7
P3JR9	-15.2	108.0	ALL	SST	22	1	5	2.5	-3.4	4.2
P3KT8	-38.4	178.2	ALL	SST	26	0	0	2.7	3.3	4.2
P3SL7	-32.8	6.4	ALL	SST	22	1	5	2.4	3.5	4.2
PFAR	48.0	-12.9	ALL	SST	28	0	0	3.7	4.3	5.7
PHPO	28.1	-15.4	ALL	SST	58	0	0	0.8	-3.1	3.2
PHSG	20.6	-152.6	ALL	SST	25	0	0	2.3	-3.9	4.5
S6IW	42.5	-58.6	ALL	SST	41	10	24	1.6	3.3	3.6
S6TS	35.1	-121.6	ALL	SST	57	3	5	3.0	-4.0	5.0
SHJC	-28.4	-12.9	ALL	SST	51	0	0	1.7	4.3	4.6
SLCH	46.7	-51.8	ALL	SST	31	0	0	1.4	3.8	4.1
SYMK	37.7	23.7	ALL	SST	23	0	0	2.2	4.7	5.2
UBAU	17.3	-16.5	ALL	SST	69	2	3	2.3	-3.5	4.2
UCAB	40.9	-58.1	ALL	SST	21	0	0	1.9	-5.2	5.5
UCCZ	47.8	139.8	ALL	SST	37	10	27	3.7	5.2	6.4
UCDN	56.8	149.9	ALL	SST	41	5	12	4.1	3.2	5.2
UCDP	51.2	140.9	ALL	SST	30	10	33	5.3	2.1	5.6
UCKU	57.3	11.5	ALL	SST	45	2	4	2.4	3.0	3.9
UCUQ	70.3	38.8	ALL	SST	34	17	50	2.3	3.0	3.7
UFLC	45.5	141.5	ALL	SST	33	8	24	2.8	5.0	5.7
UGMC	49.3	141.3	ALL	SST	52	18	35	4.9	3.8	6.1
UGTV	54.1	154.0	ALL	SST	24	2	8	3.3	3.2	4.6
UHQP	60.3	166.0	ALL	SST	30	10	33	4.1	4.0	5.6
UICO	43.1	-51.3	ALL	SST	103	0	0	1.4	-4.2	4.4
UIHY	46.4	142.3	ALL	SST	39	14	36	2.7	4.9	5.6
V2KA8	54.2	0.2	ALL	SST	33	5	15	2.8	4.1	5.0
V2OH1	45.3	-14.9	ALL	SST	38	0	0	2.1	-4.5	4.9
V2WB	10.9	-62.5	ALL	SST	26	1	4	2.4	-3.8	4.5
V7DN3	43.4	-152.5	ALL	SST	47	0	0	1.0	-4.1	4.2
VCLX	47.3	-90.4	ALL	SST	29	9	31	4.0	4.5	5.9
WAAH	27.6	-91.9	ALL	SST	70	0	0	2.3	3.5	4.2
WCW9126	60.6	-151.4	ALL	SST	56	34	61	2.1	6.1	6.4
WE4805	44.6	-82.8	ALL	SST	31	9	29	3.7	5.4	6.5
WE4879	46.7	-86.4	ALL	SST	20	9	45	2.8	6.9	7.4
WWU8	61.0	-151.3	ALL	SST	24	21	88	3.8	7.2	7.8
WZE4928	47.5	-88.0	ALL	SST	20	4	20	3.3	5.8	6.6
XXUU	14.0	-17.5	ALL	SST	60	2	3	1.3	3.1	3.3
Y3CH	54.1	12.1	ALL	SST	80	2	3	3.2	3.0	4.4
ZCBQ2	42.4	-64.9	ALL	SST	28	3	11	1.9	5.7	5.9
ZMFR	-43.7	-178.9	ALL	SST	94	74	79	0.3	-9.3	9.3
UCTS	17.6	-17.3	ALL	SST	42	0	0	1.2	-3.5	3.7

**LIST OF SUSPECT BUOYS FOR DEC 2003**

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BUOY NO.	LAT/LONG		TIME	ELEM	NOBS	NGE	PGE	SD	BIAS	RMS
WIND DIRECTION										
22101	37.2	126.0	ALL	DD	45	42	93	9.5	-17.3	19.0
22102	34.8	125.8	ALL	DD	77	68	88	64.2	64.8	88.6
22104	34.8	128.9	ALL	DD	51	48	94	9.0	-20.0	21.3
22105	37.5	130.0	ALL	DD	40	37	93	127.9	-26.3	107.7
41595	27.8	-41.2	ALL	DD	66	0	0	29.6	-32.9	44.1
46702	37.4	-147.6	ALL	DD	20	3	15	31.8	-118.8	122.8
WIND SPEED										
22101	37.2	126.0	ALL	FF	85	66	78	9.0	8.0	11.9
22102	34.8	125.8	ALL	FF	111	91	82	9.4	9.4	13.1
22104	34.8	128.9	ALL	FF	99	92	93	10.7	8.4	13.0
22105	37.5	130.0	ALL	FF	71	52	73	8.7	8.4	11.9
MEAN SEA LEVEL PRESSURE										
71543	-72.8	-19.4	ALL	MSLP	106	38	36	1.1	1.0	1.5
SEA SURFACE TEMPERATURE										
21913	42.0	141.9	ALL	SST	110	0	0	0.8	3.4	3.5
21915	44.2	141.1	ALL	SST	112	0	0	1.5	4.1	4.4
22591	25.2	121.7	ALL	SST	72	0	0	1.7	3.4	3.8
31056	-31.9	-33.5	ALL	SST	68	63	93	4.6	6.5	7.7
32693	1.1	-115.6	ALL	SST	72	0	0	0.5	3.8	3.8
44621	60.2	-49.2	ALL	SST	117	0	0	3.0	4.3	5.2
44742	43.2	-53.5	ALL	SST	119	0	0	1.1	-4.3	4.4
46551	53.5	-167.9	ALL	SST	82	0	0	1.6	-3.2	3.6
46972	18.5	-169.3	ALL	SST	35	0	0	0.5	4.6	4.6
61550	35.7	29.8	ALL	SST	78	2	3	2.9	4.0	4.9
64523	67.2	-20.9	ALL	SST	122	3	2	1.6	3.1	3.5
64607	61.7	-31.0	ALL	SST	32	11	34	1.8	1.0	2.0

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)