

-6	169	699	125	327	113	296	12	15	-	-	-	-	-	4	1	47	25	291	97	466	395	417	532	1644	223
-7	218	657	92	266	106	243	12	10	-	-	-	-	-	1	*	46	15	157	48	519	326	374	464	1525	189
-8	214	603	69	221	103	193	8	6	-	-	-	-	-	-	-	25	6	58	22	310	250	282	403	1069	158
-9	176	549	50	188	90	144	4	3	-	-	-	-	-	-	-	3	1	34	12	312	204	302	357	971	136
-10	186	505	47	163	61	101	3	1	-	-	-	-	-	-	-	-	-	32	6	235	158	253	308	817	115
-11	174	459	52	140	41	72	-	-	-	-	-	-	-	-	-	-	-	5	1	206	123	196	267	674	99
-12	173	415	40	115	21	53	-	-	-	-	-	-	-	-	-	-	-	-	-	172	93	199	235	605	85
-13	173	372	46	96	26	43	-	-	-	-	-	-	-	-	-	-	-	-	-	126	68	167	202	538	72
-14	165	329	29	73	16	31	-	-	-	-	-	-	-	-	-	-	-	-	-	104	49	150	175	464	61
-15	152	288	32	59	16	23	-	-	-	-	-	-	-	-	-	-	-	-	-	92	34	143	151	435	51
-16	148	250	30	44	20	16	-	-	-	-	-	-	-	-	-	-	-	-	-	64	20	139	127	401	42
-17	179	213	18	29	7	6	-	-	-	-	-	-	-	-	-	-	-	-	-	28	11	92	105	324	34
-18	123	168	18	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	28	7	107	90	276	27
-19	105	138	6	12	4	3	-	-	-	-	-	-	-	-	-	-	-	-	-	11	3	95	72	221	22
-20	105	111	3	9	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	4	1	74	57	188	17
-21	89	85	2	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	*	82	45	176	13
-22	54	63	7	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	74	31	135	9
-23	54	49	5	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	49	19	108	7
-24	72	36	1	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	32	11	105	4
-25	39	18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10	6	49	2
-26	14	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13	4	27	1
-27	7	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	2	11	1
-28	11	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10	2	21	*
-29	1	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	*
MEAN	-10.3		-4.4		-3.4		1.4		4.4		5.7		4.2		1.9		-0.0		-1.8		-4.7		-7.6		-1.9
S.D.	6.7		5.1		4.5		3.3		3.8		3.5		2.8		2.3		2.6		2.8		4.6		6.0		6.4
TOTAL	4006		2058		2114		2600		2840		3101		3388		4477		4822		5965		6786		6131		48288
MAX	3.0		9.1		11.5		16.0		21.0		18.7		17.0		11.6		10.4		10.7		8.9		4.7		21.0
DATE	1996011306	1991020901	1998032900	1991040521	1991051204	1992061209	1991070705	1990082610	1998090602	1992100208	2001111521	2001120523	1991051204												
MIN	-28.7		-23.6		-19.6		-10.2		-2.1		-1.9		-1.9		-6.5		-8.7		-10.8		-21.0		-28.4		-28.7
DATE	1987012316	1991021512	1998031014	1992041214	1991050315	1987061409	1998072215	1991083120	1998092114	1988102917	1995112316	1990122611	1987012316												

(* < 0.05% , # = 100.0%)

STATION: ROAM4

1 - MONTHLY AND ANNUAL FREQUENCY AND CUMULATIVE PERCENT FREQUENCY (10THS)

ELEMENT: SEA LEVEL PRESSURE (MILLIBARS) -- POR: (10/1983 - 12/2001) (133804 RECORDS, 96.6% HAVE ELEMENT)

	JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC		ANN		
	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	
1050	1	#	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	#
1049	3	999	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	999
1048	5	999	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	999
1047	4	999	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	999
1046	4	999	-	-	9	#	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13	999
1045	12	998	-	-	4	999	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16	999
1044	16	997	-	-	2	999	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	#	19	999	
1043	24	996	1	#	12	998	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	999	42	999	
1042	26	993	6	999	24	997	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15	999	71	999	
1041	31	991	7	999	7	995	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	#	31	998	81	999	
1040	27	988	3	999	7	994	9	#	-	-	-	-	-	-	-	-	-	-	11	#	6	999	19	995	82	998	
1039	33	985	23	998	10	993	13	999	-	-	-	-	-	-	-	-	-	-	15	999	17	999	32	994	143	997	
1038	51	982	46	996	30	992	6	998	-	-	-	-	-	-	-	-	6	#	11	998	32	998	35	991	217	996	
1037	68	977	25	991	35	989	19	998	9	#	-	-	-	-	-	6	999	13	997	40	995	48	988	263	995		
1036	75	971	35	988	40	986	13	996	5	999	-	-	-	-	5	999	16	996	49	992	56	984	294	993			
1035	117	963	60	985	39	982	20	995	10	999	-	-	-	-	16	998	39	994	64	988	53	979	418	991			
1034	153	952	75	978	49	978	33	993	15	998	-	-	-	-	38	997	26	991	58	983	76	974	523	988			
1033	134	938	154	970	80	973	48	990	29	997	-	-	-	-	32	994	38	989	74	978	103	968	692	984			
1032	126	925	170	954	141	965	64	986	36	994	-	-	-	-	30	991	62	986	92	973	120	959	841	978			
1031	127	913	198	936	187	950	111	980	60	992	6	#	3	#	5	#	32	988	93	980	126	965	139	948	1087	972	
1030	167	900	211	915	200	931	141	970	86	987	14	999	3	999	9	999	97	985	165	973	166	955	142	936	1401	964	
1029	178	884	231	893	240	911	151	958	167	980	17	998	8	999	20	999	127	977	186	959	234	942	239	924	1798	954	
1028	178	867	292	868	272	887	180	945	191	966	23	997	24	999	31	997	169	965	194	943	288	923	260	903	2102	940	
1027	264	850	330	837	319	859	220	929	157	950	43	995	36	996	63	994	178	950	206	926	261	900	250	880	2327	924	
1026	300	825	352	802	341	827	277	909	218	937	86	991	56	993	127	989	215	934	280	909	276	880	372	858	2900	907	
1025	312	796	327	765	443	792	250	885	305	920	220	983	86	988	191	978	292	915	311	885	292	858	367	826	3396	885	
1024	322	766	358	730	433	747	372	863	366	895	321	964	228	980	348	961	311	889	342	859	358	834	349	794	4108	860	
1023	343	735	310	692	399	704	364	830	357	865	352	936	199	959	466	931	344	861	391	830	445	806	404	763	4374	829	
1022	424	702	354	659	431	663	421	798	398	836	422	905	290	940	492	890	388	830	402	797	396	771	427	728	4845	797	
1021	473	661	366	622	433	619	458	761	497	803	466	867	353	913	539	847	488	795	409	763	474	739	528	691	5484	760	
1020	492	616	339	583	410	575	624	720	615	763	483	826	401	880	562	800	422	752	547	728	455	701	511	645	5861	719	
1019	442	568	379	547	425	534	662	665	678	712	472	783	513	843	666	751	476	714	502	682	448	665	553	600	6216	676	
1018	409	526	381	507	393	491	564	607	595	657	501	742	562	795	740	693	535	671	568	639	516	629	523	552	6287	629	
1017	391	487	325	467	356	451	498	557	586	608	574	698	674	743	710	628	604	623	511	591	498	588	521	506	6248	582	
1016																											

MAX	1049.5	1042.5	1046.4	1040.3	1037.4	1031.0	1031.2	1031.0	1038.2	1040.2	1040.9	1043.7	1049.5
DATE	1984011416	1990022516	1984031622	1991041206	1991051815	1991060615	1990071215	1991083118	1985091316	1989101816	1999113002	1983121916	1984011416
MIN	979.4	973.4	985.4	981.8	983.2	987.6	993.9	996.3	980.2	930.0	965.8	984.7	930.0
DATE	1990011109	1988022209	2000032717	1997040614	1999050713	1985062213	1997070216	1994082804	1997092914	2000101818	1998111020	1999122919	2000101818

(* < 0.05% , # = 100.0%)

STATION: ROAM4

1 - MONTHLY AND ANNUAL FREQUENCY AND CUMULATIVE PERCENT FREQUENCY (10THS)

ELEMENT: AVERAGE WIND SPEED (KNOTS) -- POR: (10/1983 - 12/2001) (126549 RECORDS, 91.4% HAVE ELEMENT)

	JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC		ANN			
	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF
54	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	#
53	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	#	-	-	-	1	#
52	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	999	-	-	-	1	999
51	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999
50	1	#	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	999	-	-	-	2	999
49	-	-	-	-	1	#	-	-	-	-	-	-	-	-	-	1	#	-	-	-	-	4	999	-	-	-	6	999
48	-	-	-	-	-	-	-	-	1	#	-	-	-	-	-	-	-	-	-	1	#	1	999	-	-	-	3	999
47	5	999	-	-	1	999	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	999	2	#	-	13	999	
46	3	999	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	999	4	999	1	999	-	15	999	
45	4	999	1	#	1	999	-	-	-	-	-	-	-	-	-	-	-	-	1	999	6	999	1	999	-	14	999	
44	1	999	1	999	1	999	3	#	-	-	-	-	-	-	-	1	999	7	999	8	998	5	999	27	999	20	999	
43	9	998	2	999	7	999	2	999	1	999	-	-	-	-	-	3	999	7	999	5	998	4	999	-	40	999		
42	7	997	1	999	2	999	3	999	1	999	1	#	-	-	-	2	999	6	998	14	997	8	999	-	45	999		
41	11	997	7	999	4	998	6	999	-	-	2	999	-	-	-	4	999	15	998	18	996	9	998	-	76	999		
40	16	995	7	998	11	998	8	999	1	999	3	999	-	-	1	#	4	999	18	996	33	995	22	997	124	998		
39	21	994	6	998	9	997	5	998	1	999	1	999	-	-	-	-	5	999	17	995	24	992	20	995	-	109	997	
38	22	991	12	997	16	995	10	997	2	999	3	999	-	-	-	-	5	998	30	993	38	990	23	994	-	161	996	
37	22	989	14	995	16	993	9	996	2	999	-	-	-	-	2	999	12	998	22	991	42	987	27	992	-	168	995	
36	30	986	14	993	15	991	9	995	6	999	9	999	1	#	2	999	12	997	25	989	47	984	31	989	-	201	994	
35	22	983	25	992	22	990	13	994	7	999	8	998	4	999	4	999	11	996	41	987	44	980	50	986	-	251	992	
34	44	980	27	988	25	987	26	993	5	998	12	998	2	999	4	999	12	995	43	983	74	977	56	982	-	330	990	
33	67	975	30	985	27	984	32	990	18	998	20	997	1	999	6	999	25	994	59	980	90	971	95	977	-	470	987	
32	63	968	41	981	49	980	33	987	22	996	16	995	13	999	9	998	37	991	64	975	83	964	81	969	-	511	984	
31	65	961	50	976	59	974	56	983	36	994	41	994	9	998	11	998	44	988	84	969	116	958	102	961	-	673	980	
30	102	953	71	969	58	967	45	977	45	991	40	990	26	997	15	997	38	984	103	962	141	948	110	952	-	794	974	
29	126	942	86	960	80	960	77	972	62	987	68	987	26	995	35	995	58	981	136	954	176	937	134	943	-	1064	968	
28	177	928	99	949	92	950	95	964	72	981	72	981	52	993	35	992	97	975	163	942	217	924	141	931	-	1312	960	
27	160	907	113	936	101	938	117	954	97	975	95	975	58	988	49	989	94	967	187	928	234	907	172	918	-	1477	949	
26	223	889	171	922	133	925	135	942	144	966	115	967	100	983	91	985	154	958	260	913	352	888	301	903	-	2179	938	
25	245	864	136	900	129	909	151	927	145	953	151	958	109	974	98	976	183	944	281	891	340	861	290	876	-	2258	920	
24	250	836	164	882	162	893	164	911	155	940	174	945	132	964	115	968	204	928	274	867	366	834	309	851	-	2469	903	
23	300	808	212	861	213	873	190	894	198	927	226	931	158	952	160	958	244	909	355	844	425	806	382	823	-	3063	883	
22	339	774	259	834	228	846	242	874	221	909	298	912	201	938	201	943	255	887	367	814	466	772	456	789	-	3533	859	
21	360	736	274	800	232	817	262	848	257	889	310	887	241	920	253	925	328	864	442	783	465	736	494	749	-	3918	831	
20	348	695	247	765	255	789	297	820	293	866	317	861	259	898	303	903	360	835	452	746	493	700	485	705	-	4109	800	
19	488	656	330	733	315	757	380	789	377	840	429	834	335	874	394	876	471	802	617	708	650	661	624	662	-	5410	768	
18	414	601	307	690	354	717	384	748	395	806	365	799	325	844	452	841	469	760	564	656	612	610	628	607	-	5269	725	
17	432	554	357	651	319	673	378	708	399	771	386	768	387	815	472	801	489	718	548	608	579	562	558	551	-	5304	683	
16	485	505	374	605	401	633	402	668	479	738	451	736	402	780	516	759	553	674	614	562	653	517	629	502	-	5959	641	
15	453	450	374	557	383	583	416	625	523	693	522	698	409	744	538	713	583	624	566	510	651	466	630	446	-	6048	594	
14	418	399	393	508	397	535	409	581	485	646	499	655	442	707	507	665	535	571	543	463	601	415	545	390	-	5774	546	
13	442	352	374	458	405	486	449	537	587	603	541	613	571	667	535	620	597	523	546	417	613	368	553	342	-	6213	501	
12	492	302	474	409	443	435	562	490	675	551	715	568	662	615	675	572	722	469	626	371	719	320	628	293	-	7393	452	
11	353	246	406	348	390	380	462	430	599	490	605	508	647	556	654	512	567	404	485	318	523	264	502	237	-	6193	393	
10	347	206	366	296	367	331	470	381	601	437	655	457	675	497	685	454	564	353	485	277	518	223	414	192	-	6147	344	
9	302	167	393	249	379	286	399	331	613	383	647	403	666	436	701	393	586	302	487	236	502	182	368	156	-	6043	296	
8	284	133	325	198	343	238	486	289	609	329	658	349	705	376	680	330	557	250	449	195	403	143	309	123	-	5808	248	
7	233	101	253	156	339	195	447	237	540	274	654	294	596	313	619	270	485	200	379	158	348	112	276	96	-	5169	202	
6	192	74	263	123	281	153	427	190	568	226	612	239	668	259	599	214	458	156	356	126	302	84	213	71	-	4939	161	
5	156	53	215	90	302	118	441	144	554	175	679	188	664	199	564	161	411	115	357	96	244	61	220	52	-	4807	122	
4	100	35	140	62	215	80	283	97	451	126	473	131	477	139	404	111	283	78	249	65	174	42	120	33	-	3369	84	
3	68	24	113	44	138	53	228	67	370	86	452	92	398	96	313	75	254	52	194	44	129	28	103	22	-	2760	58	
2	66	16	102	29	107	36	178	43	288	53	308	54	345	60	230	47	172	29	149	28	96	18	61	13	-	2102	36	
1	32	8	59	16	60	23	107	24	159	27	176	28	146	29	143	27	65	14	92	16	69	11						

1 - MONTHLY AND ANNUAL FREQUENCY AND CUMULATIVE PERCENT FREQUENCY (10THS)

(HIGHEST 5-SECOND AVERAGE DURING 2 OR 8-MINUTE PERIOD PRIOR TO OBSERVATION TIME)

ELEMENT: PEAK WIND GUST (KNOTS) -- POR: (10/1983 - 12/2001) (126047 RECORDS, 91.0% HAVE ELEMENT)

	JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC		ANN		
	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	
60	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	#
59	-	-	-	-	1	#	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	#
58	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	#	1	#	3	999	
57	1	#	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	999	
56	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	999	-	-	3	999
55	1	999	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	999	-	-	3	999
54	2	999	-	-	1	999	-	-	-	-	-	-	-	-	-	1	#	-	-	-	1	999	-	-	5	999	
53	2	999	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	#	1	999	1	999	7	999	
52	2	999	-	-	1	999	-	-	-	-	-	-	-	-	-	-	-	-	6	999	5	999	1	999	15	999	
51	2	999	-	-	2	999	-	-	1	#	-	-	-	-	-	-	-	-	2	999	4	999	-	-	11	999	
50	8	999	-	-	-	-	-	-	1	999	-	-	-	-	-	-	-	-	6	999	7	999	2	999	24	999	
49	4	998	1	#	3	999	1	#	-	-	-	-	-	-	1	999	3	999	3	999	8	998	3	999	24	999	
48	6	997	1	999	4	999	4	999	-	-	-	-	-	1	#	3	999	7	998	12	997	12	997	5	999	43	999
47	7	997	1	999	4	998	3	999	1	999	-	-	-	-	-	1	999	12	998	12	996	7	999	7	999	48	999
46	9	996	4	999	2	998	6	999	1	999	2	#	-	-	-	9	999	15	997	20	996	15	998	15	998	83	999
45	21	995	7	999	5	998	6	999	-	-	-	-	3	#	-	-	4	999	16	995	16	994	11	997	89	998	
44	17	993	5	998	8	997	9	998	1	999	2	999	-	-	-	2	998	16	994	29	993	15	996	104	997		
43	21	991	10	998	13	996	7	997	-	-	-	-	-	-	-	6	998	20	993	31	990	23	995	131	996		
42	17	988	10	996	10	994	5	996	2	999	2	999	-	-	-	6	998	23	991	34	988	21	992	130	995		
41	22	986	13	995	18	993	10	996	1	999	1	999	-	-	-	9	997	21	989	42	985	29	991	166	994		
40	26	984	12	993	21	991	10	995	2	999	4	999	1	999	3	999	11	996	33	987	61	982	40	988	224	993	
39	21	981	17	992	19	988	11	994	5	999	2	999	2	999	2	999	8	995	29	985	48	977	52	984	216	991	
38	45	978	29	989	28	986	20	992	4	999	5	999	-	-	3	999	8	995	45	982	61	973	67	980	315	989	
37	40	973	28	986	16	982	19	990	11	998	8	998	2	999	6	999	17	994	44	978	74	969	59	974	324	987	
36	55	969	28	982	37	980	37	988	12	997	11	998	7	999	2	999	26	992	46	975	63	963	66	968	390	984	
35	77	962	49	978	41	976	24	984	26	996	18	997	6	999	8	998	29	990	64	971	94	958	89	963	525	981	
34	78	954	52	972	57	971	47	982	21	994	18	995	10	998	13	998	33	987	71	965	121	950	94	955	615	977	
33	106	945	81	965	62	964	62	977	36	992	34	994	11	997	14	997	49	984	115	959	168	941	146	946	884	972	
32	151	933	82	955	75	956	59	970	37	989	35	991	16	996	21	995	58	980	123	950	168	928	132	933	957	965	
31	152	915	96	944	80	946	66	964	52	986	55	988	30	995	28	993	61	975	144	939	183	914	138	921	1085	958	
30	196	898	97	932	98	936	77	957	80	981	63	984	39	992	28	991	93	969	169	927	219	900	200	909	1359	949	
29	153	876	127	919	129	924	107	949	87	974	82	978	67	988	51	989	109	961	169	913	279	883	231	891	1591	938	
28	239	858	136	902	103	908	135	937	114	966	111	971	70	982	64	984	110	951	220	898	306	861	299	870	1907	926	
27	226	831	128	885	119	895	142	923	108	956	107	962	68	976	81	978	158	941	250	880	304	837	297	844	1988	910	
26	336	805	226	868	202	880	182	908	180	946	170	953	161	970	131	971	239	927	311	859	428	813	402	817	2968	895	
25	302	767	207	839	184	855	169	888	164	930	195	939	122	955	128	959	214	905	318	832	407	779	383	781	2793	871	
24	305	733	225	812	217	832	210	871	183	915	216	923	150	944	161	948	230	886	348	805	391	747	413	747	3049	849	
23	331	698	239	783	238	804	236	848	228	899	285	905	193	931	205	934	275	865	385	776	450	717	453	710	3518	825	
22	379	660	250	751	238	775	256	823	232	879	299	881	255	913	243	915	314	840	452	744	439	681	477	669	3834	797	
21	421	617	275	719	276	745	291	796	319	858	351	856	304	890	314	894	382	812	451	705	554	647	578	626	4516	766	
20	375	569	254	683	281	710	299	765	298	829	328	826	275	863	363	866	381	778	512	667	513	603	539	575	4418	731	
19	477	526	394	650	355	675	409	733	408	803	429	799	388	838	467	833	493	743	600	624	663	563	614	526	5697	696	
18	427	472	322	599	350	630	374	690	419	766	399	763	406	803	473	792	490	699	557	573	586	511	534	471	5337	650	
17	390	423	327	557	361	586	361	650	450	729	405	729	368	766	463	750	535	655	486	526	587	464	498	424	5231	608	
16	375	378	358	515	352	541	387	612	484	689	490	696	435	732	501	708	506	607	526	485	599	418	581	379	5594	567	
15	418	336	383	468	363	497	440	570	506	645	533	655	467	693	503	664	542	561	529	441	570	371	468	327	5722	522	
14	329	288	339	418	332	451	422	524	498	600	479	610	490	651	474	619	552	512	456	396	512	326	461	285	5344	477	
13	341	250	363	374	362	410	421	479	566	556	595	570	522	606	527	577	581	462	478	357	520	286	460	244	5736	434	
12	385	212	416	327	406	364	527	434	662	505	697	520	705	559	692	530	645	410	561	317	569	245	443	203	6708	389	
11	286	168	343	273	355	314	446	378	619	446	617	462	620	495	652	468	537	352	423	269	439	200	338	163	5675	336	
10	230	135	308	228	356	269	379	331	556	391	606	410	665	439	704	410	537	303	447	234	413	166	267	133	5468	291	
9	226	109	281	188	309	224	425	290	606	341	617	359	652	379	656	347	503	255	409	196	358	133	284	109	5326	247	
8	198	83	261	152	304	186	441	245	553	287	656	308	657	320	639	289	511	210	409	161	344	105	236	83	5209	205	
7	132	60	215	118	239	147	406	198	509	238	587	253	559	260	548	232	404	164	303	127	220	78	156	62	4278	164	
6	112	45	180	90	228	118	370	155	469	192	571	204	532	210	524	183	382	127	302	101	221	61	170	48	4061	130	
5	92	33	164	66	233	89	349	116	557	150	577	156	580	162	506	136	353	93	297	76	181	43	137	33	4026	98	
4	75	22	104	45	147	60	246	79	367	100	463	108	406	109	349	91	255	61	208	51	125	29	92	21	2837	66	
3	48	14	92	31	99	41	203	53	324	68	376	69	321	72	279	60	198	38	158	33	93	19	52	13	2243	43	
2	28	8	60	19	85	29	126	31	238	39	226	37	273	43	180	35	113	20	115	20	68	12	44	8	1556	25	

1 - MONTHLY AND ANNUAL FREQUENCY AND CUMULATIVE PERCENT FREQUENCY (10THS)

(HIGHEST 5-SECOND AVERAGE DURING PAST HOUR)

ELEMENT: HOURLY PEAK WIND GUST (KNOTS) -- POR: (10/1996 - 12/2001) (30677 RECORDS, 13.7% HAVE ELEMENT)

	JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC		ANN			
	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF		
65	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	#	
64	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	#	-	-	-	-	1	#	-	-	-	2	#	
63	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	#	1	999	1	999
62	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999	
61	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	999	-	-	-	2	999	
60	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999	
59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	999	1	999	2	999	2	999
58	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999	
57	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999	
56	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999	
55	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	999	1	999	3	999	3	999
54	-	-	-	-	1	#	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	999	3	999	3	999
53	3	#	-	-	2	999	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	999	
52	-	-	-	-	4	999	1	#	-	-	-	-	-	-	-	-	-	-	6	#	5	998	1	998	17	999	17	999
51	-	-	-	-	3	997	-	-	-	-	-	-	-	-	-	-	-	-	1	998	3	997	4	998	11	999	11	999
50	-	-	-	-	1	996	4	999	-	-	-	-	-	-	-	-	-	-	8	998	3	996	1	997	17	999	17	999
49	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	995	5	995	3	996	13	998	13	998
48	2	999	-	-	1	995	1	998	-	-	-	-	-	-	-	-	-	-	8	994	6	994	6	995	24	998	24	998
47	4	998	-	-	1	995	-	-	-	-	-	-	1	#	-	-	-	-	10	991	10	992	2	994	28	997	28	997
46	1	996	1	#	1	994	1	997	-	-	-	-	1	999	-	-	-	-	6	988	8	989	3	993	22	996	22	996
45	2	996	4	999	2	994	-	-	-	-	-	-	-	-	-	-	-	-	11	986	13	987	3	992	35	995	35	995
44	1	995	3	998	4	993	4	997	-	-	-	-	-	-	-	-	2	#	10	982	11	984	6	991	41	994	41	994
43	1	994	4	997	3	991	1	995	2	#	-	-	2	999	-	-	-	-	10	979	12	980	14	989	49	993	49	993
42	2	994	3	995	2	990	2	995	2	999	1	#	1	998	-	-	-	-	18	976	17	977	13	984	61	991	61	991
41	3	993	3	994	6	989	2	994	4	999	-	-	2	998	1	999	-	-	10	970	17	972	13	980	61	989	61	989
40	12	992	12	992	4	986	3	993	-	-	2	999	1	997	-	-	3	999	12	967	15	968	27	976	91	987	91	987
39	13	986	9	987	6	984	8	992	-	-	2	999	4	996	-	-	4	998	18	963	13	963	33	967	110	984	110	984
38	14	980	19	983	8	982	5	988	1	997	4	998	3	995	-	-	5	996	23	957	20	960	32	957	134	981	134	981
37	21	974	15	975	10	978	5	986	6	997	4	997	2	993	1	999	5	993	19	950	24	954	19	946	131	976	131	976
36	26	965	22	969	13	974	12	984	8	995	2	996	1	992	4	998	9	991	28	944	40	948	34	940	199	972	199	972
35	36	953	21	959	22	968	14	979	10	992	11	995	2	992	4	996	9	986	27	935	48	936	26	929	230	965	230	965
34	35	937	18	950	16	958	15	973	7	988	7	991	4	991	1	994	9	982	29	926	37	923	36	921	214	958	214	958
33	57	921	48	942	23	951	20	967	21	985	19	989	4	989	5	993	15	977	48	917	69	913	69	909	398	951	398	951
32	52	896	38	922	29	941	30	958	24	978	20	982	7	987	7	991	20	970	54	901	59	893	53	887	393	938	393	938
31	48	873	31	905	20	928	31	945	25	969	28	975	12	984	4	987	24	960	58	884	56	877	60	870	397	925	397	925
30	63	851	43	892	31	919	40	932	38	960	29	966	16	979	7	985	30	948	57	865	91	861	85	850	530	912	530	912
29	59	823	53	873	34	905	42	915	46	946	41	956	21	972	9	981	24	934	79	847	87	836	99	823	594	895	594	895
28	87	797	67	851	52	890	54	897	48	929	43	942	16	962	20	976	27	922	106	821	108	812	118	791	746	876	746	876
27	84	758	80	822	56	866	40	873	55	912	64	927	24	955	16	965	45	909	79	787	89	781	102	753	734	851	734	851
26	109	720	90	787	72	841	61	856	82	891	73	906	49	944	32	956	58	886	132	762	157	757	156	720	1071	827	1071	827
25	88	671	74	749	76	809	53	830	69	861	67	881	46	922	29	939	56	858	105	719	145	713	121	669	929	792	929	792
24	103	632	77	717	75	775	46	807	72	836	81	858	58	902	26	923	50	830	129	686	138	672	130	630	985	762	985	762
23	110	586	91	684	67	742	77	788	70	810	86	830	68	875	53	909	48	806	114	644	159	634	151	588	1094	730	1094	730
22	112	537	84	645	87	712	86	755	95	784	109	801	82	845	63	880	70	782	137	607	175	589	173	539	1273	694	1273	694
21	118	487	101	608	81	673	98	718	103	750	104	764	78	808	69	846	87	748	138	563	163	540	175	483	1315	653	1315	653
20	106	434	104	565	99	637	89	676	89	712	106	729	73	773	79	808	67	705	135	519	141	495	102	427	1190	610	1190	610
19	126	387	150	520	91	592	95	638	134	679	136	693	106	740	95	765	117	672	159	476	211	456	190	394	1610	571	1610	571
18	81	330	91	456	94	552	91	597	136	630	140	646	105	692	106	713	90	615	137	424	140	397	139	332	1350	519	1350	519
17	78	294	83	417	99	510	77	558	117	581	120	599	77	645	93	655	93	571	107	380	148	358	102	287	1194	475	1194	475
16	85	259	96	381	94	465	82	525	138	538	131	558	111	611	84	605	110	525	117	346	144	316	129	254	1321	436	1321	436
15	72	221	99	340	64	423	115	490	131	487	141	513	105	561	98	559	121	471	110	308	151	276	89	212	1296	393	1296	393
14	60	189	80	297	68	395	96	440	125	439	138	465	94	513	109	505	113	411	115	273	108	234	79	184	1185	350	1185	350
13	74	162	88	262	108	364	113	399	145	394	155	418	123	471	106	446	98	356	109	236	137	204	90	158	1346	312	1346	312
12	78	129	124	225	104	316	127	351	167	341	198	365	132	416	117	388	126	308	119	201	143	166	95	129	1530	268	1530	268
11	47	94	78	171	113	270	102	296	112	280	151	298	133	357	101	324	117	246	89	162	97	126	55	98	1195	218	1195	218
10	32	73	70	138	75	219	96	253	105	239	128	247	107	297	91	269	83	188	73	134	87	99	61	81	1008	179	1008	179
9	38	59	60	108	93	186	115	211	117	200	161	203	117	249	87	220	76	147	80	110	64	74	51	61	1059	146	1059	146
8	35	42	58	82	74	144	98	162	127	158	120	148	126	196	95	172	59	110	54	85	76	56	49	44	971	112	971	112
7	21	26	42	57	48	111	103	120	96																			

ELEMENT SUMMARY FOR STATION: ROAM4

(A) TOTAL STDMET RECORDS READ = 138483
 (B) TOTAL CWIND RECORDS READ = 224307
 (C) TOTAL RECORDS USED IN STATS = 362790

	AIR TMP	SEA TMP	AIR-SEA	DEWPT	SLP	AVWS	PKGS-8M	PKGS-5S	SIGWVHT	AVWVPD	DWVPD	VSBY
(D) ELEMENT RECORDS AVAILABLE	135060	48358	48288	0	133804	126549	126047	30677	0	0	0	0
(E) ELEMENT OUT OF RANGE	3423	90125	90195	138483	4679	11934	12436	193630	138483	138483	138483	138483

STATION: ROAM4 -- POR (10/1983 - 12/2001)

2 - MEANS & EXTREMES BASED ON HOURLY (GMT) OBSERVATIONS -- MONTHLY & ANNUAL BY YEAR

ELEMENT: AIR TEMPERATURE (DEGREES C)

YEAR	ELEMENT	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1983	MEAN	-	-	-	-	-	-	-	-	-	7.0	1.4	-10.3	-3.3
	MAXIMUM	-	-	-	-	-	-	-	-	-	12.6	9.3	0.2	12.6
	DAY-HR	-	-	-	-	-	-	-	-	-	28-06	02-16	12-05	OCT
	MINIMUM	-	-	-	-	-	-	-	-	-	3.6	-5.2	-23.3	-23.3
	DAY-HR	-	-	-	-	-	-	-	-	-	29-16	27-08	19-08	DEC
	# OBS	-	-	-	-	-	-	-	-	-	170	532	619	1321
1984	MEAN	-10.0	-3.7	-6.0	2.7	4.6	7.1	11.4	16.4	11.7	7.7	0.8	-2.4	3.7
	MAXIMUM	3.9	2.6	2.3	12.0	12.7	14.4	19.0	21.2	19.7	13.7	7.5	4.8	21.2
	DAY-HR	04-02	16-17	26-21	27-19	30-14	25-00	24-04	29-11	19-01	17-06	26-04	10-04	AUG
	MINIMUM	-27.7	-20.5	-24.2	-1.6	-1.4	3.3	6.1	11.7	2.2	-1.3	-8.3	-18.6	-27.7
	DAY-HR	20-13	06-12	11-15	30-17	01-09	01-09	10-13	23-12	25-20	31-06	20-15	06-14	JAN
	# OBS	744	687	741	715	740	708	737	740	716	740	716	285	8269
1985	MEAN	-	-	-	0.9	5.4	7.1	11.8	13.9	11.9	7.0	-2.0	-9.1	6.5
	MAXIMUM	-	-	-	7.0	8.8	15.2	18.8	21.4	18.4	13.5	7.8	-0.2	21.4
	DAY-HR	-	-	-	10-21	29-00	08-05	09-14	08-01	20-02	26-21	01-08	06-15	AUG
	MINIMUM	-	-	-	-2.7	3.1	3.3	5.4	8.5	3.8	2.2	-16.5	-20.8	-20.8
	DAY-HR	-	-	-	11-12	30-04	05-06	01-09	19-11	30-23	16-12	29-11	17-22	DEC
	# OBS	-	-	-	106	78	705	744	744	701	629	719	475	4901
1986	MEAN	-	-	-2.6	2.9	5.6	7.8	11.0	14.9	11.3	6.6	-1.2	-2.5	5.5
	MAXIMUM	-	-	9.5	10.8	13.7	18.0	18.8	20.0	16.6	15.9	7.7	4.0	20.0
	DAY-HR	-	-	29-04	29-01	28-04	18-23	30-19	17-02	01-02	21-02	08-14	23-02	AUG
	MINIMUM	-	-	-21.6	-5.3	-0.6	3.3	6.0	8.8	5.8	-0.8	-13.7	-17.8	-21.6
	DAY-HR	-	-	07-13	21-14	01-16	02-10	05-15	27-14	13-13	30-12	13-06	12-16	MAR
	# OBS	-	-	631	717	740	711	736	739	715	739	716	744	7188
1987	MEAN	-5.0	-1.8	-0.6	3.6	5.8	10.1	15.9	16.6	14.2	5.7	2.0	-1.9	5.4
	MAXIMUM	4.5	4.5	8.5	14.3	15.1	19.9	21.3	21.8	18.2	13.5	9.3	4.1	21.8
	DAY-HR	14-08	06-22	23-20	19-00	30-02	15-04	29-00	02-19	05-01	01-20	04-17	08-23	AUG
	MINIMUM	-26.3	-15.0	-13.7	-5.3	1.7	3.6	9.6	9.6	7.3	0.5	-9.6	-12.1	-26.3
	DAY-HR	23-16	08-15	09-15	02-14	22-16	01-13	14-10	31-09	30-14	21-15	20-17	31-23	JAN
	# OBS	739	671	740	719	743	716	744	741	682	739	719	742	8695
1988	MEAN	-9.8	-10.9	-2.9	2.1	5.3	8.4	16.1	16.6	13.2	3.7	1.3	-6.0	2.7
	MAXIMUM	3.3	3.5	3.5	9.7	14.2	20.4	22.0	21.4	17.8	11.0	8.5	5.7	22.0
	DAY-HR	17-00	28-22	06-20	07-02	31-23	20-06	29-06	11-01	09-22	16-08	16-12	03-08	JUL
	MINIMUM	-22.5	-24.1	-13.7	-4.4	4.1	9.5	12.0	8.0	8.0	-4.1	-10.4	-19.4	-24.1
	DAY-HR	06-14	06-15	20-14	18-13	13-13	02-07	16-11	28-13	28-05	29-14	28-15	10-14	FEB
	# OBS	743	695	739	717	741	508	424	733	651	384	716	454	7505
1989	MEAN	-	-	-2.0	1.0	4.6	6.7	12.0	14.7	12.0	6.1	-2.0	-10.0	5.1
	MAXIMUM	-	-	-0.1	8.4	14.0	16.0	20.7	22.1	18.4	15.1	7.7	2.4	22.1
	DAY-HR	-	-	31-20	16-21	24-00	21-20	26-23	04-06	07-01	02-05	20-07	05-19	AUG
	MINIMUM	-	-	-3.5	-10.6	-3.9	2.8	4.6	8.4	3.0	0.1	-15.1	-24.7	-24.7
	DAY-HR	-	-	31-13	08-15	06-04	06-08	02-06	06-10	23-14	31-23	28-15	21-08	DEC
	# OBS	-	-	22	679	719	698	609	666	682	728	658	618	6079
1990	MEAN	-4.4	-6.5	-2.5	1.2	4.3	7.4	10.9	15.8	12.4	6.8	2.1	-7.3	3.4
	MAXIMUM	3.2	2.8	9.4	13.3	11.4	15.3	19.2	25.1	21.9	15.1	15.7	7.3	25.1
	DAY-HR	09-02	22-06	15-19	26-19	25-02	14-03	09-03	26-10	02-01	03-18	01-23	09-23	AUG
	MINIMUM	-15.8	-20.4	-14.9	-10.6	-0.4	2.9	5.2	8.6	3.1	0.3	-10.2	-25.7	-25.7
	DAY-HR	31-07	25-14	23-15	06-13	10-13	09-07	03-17	19-20	23-13	18-14	25-14	26-11	DEC
	# OBS	686	546	704	699	712	670	323	743	716	739	627	622	7787
1991	MEAN	-10.5	-6.0	-3.0	4.0	8.0	12.7	14.2	18.0	11.9	4.9	-1.9	-4.9	4.3
	MAXIMUM	3.6	9.4	6.6	16.8	23.0	23.2	24.8	29.2	20.6	13.9	7.5	4.8	29.2
	DAY-HR	19-21	09-01	19-19	05-21	12-04	28-02	18-00	30-02	03-00	17-00	18-19	23-00	AUG
	MINIMUM	-24.3	-22.4	-20.0	-3.6	-0.6	4.6	5.1	10.1	1.2	-2.2	-15.0	-20.8	-24.3
	DAY-HR	24-12	15-12	02-16	01-13	03-15	13-14	02-10	31-17	27-15	30-15	06-15	02-09	JAN
	# OBS	623	600	664	689	742	717	742	736	719	743	718	743	8436

1992	MEAN	-6.6	-5.4	-3.5	0.9	7.6	9.6	11.8	14.8	11.8	6.2	-0.5	-5.6	3.4
	MAXIMUM	2.4	3.7	4.1	9.8	21.5	22.1	18.1	23.3	20.5	18.1	7.3	3.7	23.3
	DAY-HR	12-06	26-23	25-02	06-21	20-23	12-09	24-23	23-23	05-22	02-08	10-16	15-21	AUG
	MINIMUM	-25.7	-22.1	-15.6	-9.7	0.7	3.2	4.8	9.1	3.3	-2.5	-7.4	-20.7	-25.7
	DAY-HR	15-16	11-15	12-15	12-14	05-11	20-13	03-15	25-16	22-13	18-13	06-14	26-15	JAN
	# OBS	741	688	719	658	683	701	737	737	717	684	716	742	8523
1993	MEAN	-7.3	-6.8	-	2.3	6.7	10.2	14.0	16.8	9.9	4.4	-1.1	-5.4	4.5
	MAXIMUM	6.4	4.2	-	10.8	24.5	23.8	21.2	24.2	18.6	16.0	7.2	5.2	24.5
	DAY-HR	31-10	05-06	-	24-00	12-02	21-20	26-20	26-00	02-03	07-06	22-00	13-08	MAY
	MINIMUM	-19.2	-21.0	-	-3.3	1.0	4.1	5.8	10.2	3.3	-2.4	-10.9	-26.4	-26.4
	DAY-HR	09-14	17-13	-	25-15	15-17	04-10	09-13	03-15	27-14	30-13	22-10	26-09	DEC
	# OBS	735	397	-	363	736	716	740	740	715	736	714	738	7330
1994	MEAN	-16.0	-11.9	-2.2	2.0	6.9	11.7	13.7	14.6	13.7	9.1	2.9	-1.8	3.6
	MAXIMUM	-1.4	6.9	8.1	15.7	16.2	25.2	23.8	22.8	21.2	19.1	10.4	4.9	25.2
	DAY-HR	01-00	19-03	14-23	24-10	22-06	21-03	29-03	25-03	12-08	18-20	14-03	22-23	JUN
	MINIMUM	-33.2	-30.0	-12.8	-8.8	0.9	4.1	5.6	9.8	5.3	2.2	-9.4	-19.0	-33.2
	DAY-HR	18-15	07-14	08-14	05-14	05-14	06-08	05-07	31-14	26-13	26-07	23-14	11-15	JAN
	# OBS	739	656	742	719	736	694	737	741	715	733	712	742	8666
1995	MEAN	-7.6	-9.2	-2.7	0.6	7.7	12.1	14.2	17.9	11.7	6.9	-4.1	-7.6	3.4
	MAXIMUM	3.2	1.8	13.5	8.1	19.6	28.0	24.2	24.4	20.5	20.0	6.5	3.1	28.0
	DAY-HR	31-19	23-10	14-01	21-23	30-06	18-23	29-01	18-23	01-00	13-02	06-23	05-13	JUN
	MINIMUM	-23.3	-24.3	-16.4	-18.5	2.4	3.9	5.6	11.5	2.4	-1.7	-16.6	-24.2	-24.3
	DAY-HR	04-07	11-15	01-14	04-12	07-23	07-19	05-00	25-07	22-13	30-14	23-16	11-13	FEB
	# OBS	738	666	734	712	743	712	738	742	714	732	709	739	8679
1996	MEAN	-12.4	-10.4	-6.3	0.1	5.6	11.1	12.9	15.9	13.4	7.5	2.5	-	3.9
	MAXIMUM	4.3	5.1	8.9	8.3	19.0	27.2	22.7	22.1	22.2	15.6	8.1	-	27.2
	DAY-HR	13-06	08-03	14-05	11-06	19-04	30-02	01-03	22-23	07-00	13-21	07-01	-	JUN
	MINIMUM	-25.2	-33.0	-19.5	-6.7	-2.5	2.9	4.7	9.6	5.9	-6.4	-5.5	-	-33.0
	DAY-HR	31-15	02-15	06-16	26-14	01-07	06-15	07-14	14-17	29-14	31-04	10-15	-	FEB
	# OBS	737	686	738	736	734	707	830	789	710	712	314	-	7693
1997	MEAN	-11.5	-8.7	-	2.0	5.5	12.1	14.2	15.4	14.0	8.4	-0.6	-1.6	5.2
	MAXIMUM	2.6	-2.0	-	11.9	15.1	23.1	26.8	25.8	21.9	20.5	9.6	5.4	26.8
	DAY-HR	03-03	04-23	-	30-00	27-23	11-01	18-03	02-05	15-03	09-02	01-11	16-21	JUL
	MINIMUM	-25.0	-19.1	-	-11.7	0.0	4.2	5.5	10.6	6.7	-1.4	-12.0	-18.2	-25.0
	DAY-HR	16-18	16-14	-	08-14	12-09	06-04	08-16	10-15	30-20	27-17	23-14	31-13	JAN
	# OBS	568	708	-	419	698	717	729	737	716	553	529	562	6936
1998	MEAN	-6.9	-0.4	-2.3	4.6	9.2	12.3	17.0	18.6	15.5	9.0	2.1	-4.3	7.0
	MAXIMUM	3.5	4.9	13.8	18.0	21.3	22.0	28.4	27.9	27.3	16.9	10.2	8.6	28.4
	DAY-HR	03-04	25-02	29-00	24-01	20-00	15-19	14-03	10-01	06-02	17-23	28-02	15-00	JUL
	MINIMUM	-21.5	-11.8	-17.8	-1.7	3.6	3.8	12.0	13.0	7.2	2.3	-4.3	-22.0	-22.0
	DAY-HR	13-13	02-13	10-14	15-13	08-13	02-04	23-12	18-11	21-14	14-11	13-03	22-13	DEC
	# OBS	480	455	518	539	596	639	664	788	712	736	719	737	7583
1999	MEAN	-9.7	-3.5	-1.1	4.0	9.4	12.1	12.1	-	-	5.3	3.2	-4.0	1.7
	MAXIMUM	2.6	5.5	11.2	18.4	22.7	24.9	20.0	-	-	13.1	15.2	6.3	24.9
	DAY-HR	18-03	11-10	28-04	26-04	28-01	25-03	04-19	-	-	25-20	13-22	26-00	JUN
	MINIMUM	-23.8	-17.8	-11.7	-3.1	1.5	3.3	8.2	-	-	0.1	-4.6	-20.4	-23.8
	DAY-HR	01-04	04-16	04-18	03-13	10-13	01-18	02-15	-	-	24-05	29-17	21-07	JAN
	# OBS	716	647	703	719	739	719	95	-	-	291	717	741	6087
2000	MEAN	-8.2	-4.0	0.3	2.1	7.7	8.8	-	-	-	9.4	1.6	-11.0	-0.6
	MAXIMUM	2.2	8.2	10.0	11.7	21.4	15.1	-	-	-	16.8	14.0	1.4	21.4
	DAY-HR	10-00	26-17	05-03	28-00	07-00	08-16	-	-	-	26-02	02-00	04-15	MAY
	MINIMUM	-21.1	-16.5	-11.2	-5.9	2.7	4.2	-	-	-	-3.4	-11.6	-22.8	-22.8
	DAY-HR	21-11	11-15	09-15	07-14	14-12	07-19	-	-	-	18-20	22-11	10-15	DEC
	# OBS	741	692	733	707	737	234	-	-	-	311	711	720	5586
2001	MEAN	-5.0	-8.9	-3.0	3.4	8.6	11.6	14.4	19.4	13.3	8.0	4.4	-4.0	4.8
	MAXIMUM	2.7	-0.5	4.9	16.0	20.2	25.4	27.7	30.5	21.4	17.5	14.9	10.0	30.5
	DAY-HR	11-01	25-12	22-02	29-22	19-02	27-05	24-01	07-03	06-01	02-05	15-21	05-23	AUG
	MINIMUM	-16.4	-21.3	-15.3	-3.5	1.4	4.0	6.6	13.3	6.1	0.3	-4.0	-13.4	-21.3
	DAY-HR	19-13	21-13	25-12	16-11	17-10	01-23	03-12	13-09	24-14	06-13	28-07	29-11	FEB
	# OBS	707	645	738	715	741	717	742	337	620	708	654	472	7796
POR	MEAN	-8.7	-6.7	-2.7	2.3	6.6	10.0	13.5	16.2	12.6	6.8	0.5	-5.5	4.0
	MAXIMUM	6.4	9.4	13.8	18.4	24.5	28.0	28.4	30.5	27.3	20.5	15.7	10.0	30.5
	YEAR	1993	1991	1998	1999	1993	1995	1998	2001	1998	1997	1990	2001	AUG/2001
	MINIMUM	-33.2	-33.0	-24.2	-18.5	-3.9	2.8	4.6	8.4	1.2	-6.4	-16.6	-26.4	-33.2
	YEAR	1994	1996	1984	1995	1989	1989	1989	1989	1991	1996	1995	1993	JAN/1994
	# OBS	10437	9439	9866	11328	12358	11989	11071	11453	11201	11807	12616	11495	135060

STATION: ROAM4 -- POR (10/1986 - 12/2001)

2 - MEANS & EXTREMES BASED ON HOURLY (GMT) OBSERVATIONS -- MONTHLY & ANNUAL BY YEAR

ELEMENT: SEA TEMPERATURE (DEGREES C)

YEAR	ELEMENT	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1986	MEAN	-	-	-	-	-	-	-	-	-	7.8	5.4	3.9	5.1
	MAXIMUM	-	-	-	-	-	-	-	-	-	8.3	7.3	4.6	8.3
	DAY-HR	-	-	-	-	-	-	-	-	-	23-03	03-18	01-06	OCT
	MINIMUM	-	-	-	-	-	-	-	-	-	6.2	4.4	3.4	3.4
	DAY-HR	-	-	-	-	-	-	-	-	-	31-13	22-04	13-09	DEC
	# OBS	-	-	-	-	-	-	-	-	-	245	683	744	1672
1987	MEAN	2.9	1.6	1.9	2.6	3.8	5.2	-	-	-	8.6	5.8	4.0	4.0
	MAXIMUM	3.6	2.7	2.8	3.9	5.5	7.8	-	-	-	13.1	7.6	4.6	13.1
	DAY-HR	05-06	09-11	09-23	24-19	31-22	15-01	-	-	-	02-00	01-16	01-09	OCT
	MINIMUM	1.2	1.1	1.1	1.6	2.6	4.1	-	-	-	4.6	4.1	3.3	1.1
	DAY-HR	31-06	27-07	13-10	03-11	02-11	02-03	-	-	-	03-00	30-14	28-15	MAR
	# OBS	739	672	741	719	743	351	-	-	-	737	719	742	6163
1988	MEAN	2.1	-	-	-	-	-	13.1	15.4	12.4	8.0	4.9	3.9	8.5
	MAXIMUM	3.4	-	-	-	-	-	17.1	17.7	14.9	9.3	7.0	4.5	17.7
	DAY-HR	03-20	-	-	-	-	-	25-20	01-19	03-09	15-22	03-21	06-05	AUG
	MINIMUM	0.3	-	-	-	-	-	7.7	11.6	8.9	5.8	3.9	3.2	0.3
	DAY-HR	28-19	-	-	-	-	-	15-22	31-22	04-22	23-12	05-18	19-11	JAN
	# OBS	702	-	-	-	-	-	420	732	651	385	714	454	4058
1990	MEAN	-	-	-	-	-	-	-	13.5	12.4	8.3	5.6	3.4	8.9
	MAXIMUM	-	-	-	-	-	-	-	17.3	16.3	10.8	7.2	4.3	17.3
	DAY-HR	-	-	-	-	-	-	-	04-20	04-22	05-21	04-20	01-16	AUG
	MINIMUM	-	-	-	-	-	-	-	8.0	6.0	4.0	3.9	1.9	1.9
	DAY-HR	-	-	-	-	-	-	-	07-01	23-17	19-05	28-16	31-10	DEC
	# OBS	-	-	-	-	-	-	-	743	715	739	609	615	3421
1991	MEAN	0.6	0.5	0.2	1.1	2.5	4.7	8.6	15.8	13.0	6.5	4.5	3.3	5.9
	MAXIMUM	2.4	1.6	0.6	2.4	4.2	8.9	14.9	19.4	17.4	8.0	6.0	4.0	19.4
	DAY-HR	01-00	11-20	29-21	28-20	27-21	25-23	21-22	14-22	02-22	12-20	01-00	03-20	AUG
	MINIMUM	-0.3	0.0	0.0	0.1	1.4	2.2	4.2	9.4	6.1	4.1	3.7	2.4	-0.3
	DAY-HR	31-23	17-03	30-16	02-13	03-13	06-12	03-06	31-15	29-14	22-10	29-05	06-19	JAN
	# OBS	615	255	145	686	742	720	743	736	719	743	718	743	7565
1992	MEAN	2.3	0.9	0.5	1.1	2.4	4.1	7.1	13.3	11.0	7.9	6.3	-	5.1
	MAXIMUM	3.2	2.2	1.2	2.2	4.3	6.6	12.9	15.3	13.7	10.3	6.5	-	15.3
	DAY-HR	07-20	02-03	30-19	21-21	25-21	26-00	31-21	27-21	02-00	07-00	01-05	-	AUG
	MINIMUM	0.9	0.0	0.0	0.2	1.2	2.9	3.9	10.6	6.2	4.4	6.1	-	0.0
	DAY-HR	28-03	27-13	24-00	02-09	05-11	06-16	08-06	01-23	30-12	29-07	01-15	-	MAR
	# OBS	741	689	718	657	689	711	737	738	717	682	40	-	7119
1994	MEAN	-	-	-	-	-	6.5	9.5	12.6	13.1	9.8	5.7	3.6	9.0
	MAXIMUM	-	-	-	-	-	7.6	16.1	16.5	15.5	11.7	7.7	4.3	16.5
	DAY-HR	-	-	-	-	-	30-19	31-23	04-03	18-20	01-21	01-18	05-01	AUG
	MINIMUM	-	-	-	-	-	5.7	5.9	7.0	9.4	6.4	3.4	2.1	2.1
	DAY-HR	-	-	-	-	-	28-16	01-17	09-20	01-05	26-23	28-23	31-16	DEC
	# OBS	-	-	-	-	-	57	734	741	715	733	712	742	4434
1995	MEAN	2.0	-	-	-	-	-	-	-	-	7.8	5.2	2.6	4.1
	MAXIMUM	3.1	-	-	-	-	-	-	-	-	8.2	7.8	4.2	8.2
	DAY-HR	01-22	-	-	-	-	-	-	-	-	26-20	01-18	02-13	OCT
	MINIMUM	0.1	-	-	-	-	-	-	-	-	7.3	2.4	0.6	0.1
	DAY-HR	08-11	-	-	-	-	-	-	-	-	25-05	26-04	28-05	JAN
	# OBS	230	-	-	-	-	-	-	-	-	195	706	739	1870
1996	MEAN	0.8	-	-	-	1.5	-	-	-	-	-	-	-	0.9
	MAXIMUM	2.3	-	-	-	2.6	-	-	-	-	-	-	-	2.6
	DAY-HR	02-04	-	-	-	19-01	-	-	-	-	-	-	-	MAY
	MINIMUM	-0.9	-	-	-	-0.3	-	-	-	-	-	-	-	-0.9
	DAY-HR	10-11	-	-	-	19-14	-	-	-	-	-	-	-	JAN
	# OBS	512	-	-	-	78	-	-	-	-	-	-	-	590
1997	MEAN	-	-	-	-	-	-	-	-	-	4.7	4.8	4.0	4.4
	MAXIMUM	-	-	-	-	-	-	-	-	-	5.3	6.1	4.6	6.1
	DAY-HR	-	-	-	-	-	-	-	-	-	28-13	03-02	01-20	NOV
	MINIMUM	-	-	-	-	-	-	-	-	-	4.4	3.9	3.5	3.5
	DAY-HR	-	-	-	-	-	-	-	-	-	30-09	23-02	31-22	DEC
	# OBS	-	-	-	-	-	-	-	-	-	73	528	559	1160
1998	MEAN	2.5	2.0	2.1	2.6	4.4	7.8	14.0	16.5	15.9	10.3	6.6	4.2	8.1
	MAXIMUM	3.6	2.9	2.9	4.0	7.0	12.9	18.7	19.2	17.6	13.9	9.3	6.0	19.2
	DAY-HR	04-19	24-21	28-22	29-20	25-19	17-19	14-23	13-21	18-20	01-00	01-01	01-23	AUG
	MINIMUM	1.3	1.3	1.4	1.8	2.8	4.0	9.3	10.1	10.5	4.9	3.9	-3.0	-3.0
	DAY-HR	21-05	12-07	14-10	20-14	02-10	04-12	28-13	17-23	08-15	14-16	17-14	30-03	DEC
	# OBS	474	453	513	540	595	639	662	788	712	736	719	692	7523
1999	MEAN	-	-	-	-	-	6.1	8.2	-	-	-	-	-	6.4
	MAXIMUM	-	-	-	-	-	9.6	9.7	-	-	-	-	-	9.7
	DAY-HR	-	-	-	-	-	25-22	01-21	-	-	-	-	-	JUL

	MINIMUM	-	-	-	-	-	3.6	6.7	-	-	-	-	-	3.6
	DAY-HR	-	-	-	-	-	04-12	01-10	-	-	-	-	-	JUN
	# OBS	-	-	-	-	-	636	95	-	-	-	-	-	731
2001	MEAN	-	-	-	-	-	-	-	-	14.3	9.2	4.9	4.9	9.1
	MAXIMUM	-	-	-	-	-	-	-	-	16.0	14.2	7.2	5.3	16.0
	DAY-HR	-	-	-	-	-	-	-	-	08-05	01-02	01-01	05-23	SEP
	MINIMUM	-	-	-	-	-	-	-	-	11.2	2.9	1.9	4.1	1.9
	DAY-HR	-	-	-	-	-	-	-	-	29-01	30-09	20-12	02-09	NOV
	# OBS	-	-	-	-	-	-	-	-	593	701	648	110	2052
POR	MEAN	1.9	1.3	1.3	1.8	3.2	5.6	10.1	14.5	13.1	8.5	5.4	3.7	6.5
	MAXIMUM	3.6	2.9	2.9	4.0	7.0	12.9	18.7	19.4	17.6	14.2	9.3	6.0	19.4
	YEAR	1998	1998	1998	1998	1998	1998	1998	1991	1998	2001	1998	1998	AUG/1991
	MINIMUM	-0.9	0.0	0.0	0.1	-0.3	2.2	3.9	7.0	6.0	2.9	1.9	-3.0	-3.0
	YEAR	1996	1992	1992	1991	1996	1991	1992	1994	1990	2001	2001	1998	DEC/1998
	# OBS	4013	2069	2117	2602	2847	3114	3391	4478	4822	5969	6796	6140	48358

STATION: ROAM4 -- POR (10/1983 - 12/2001)

2 - MEANS & EXTREMES BASED ON HOURLY (GMT) OBSERVATIONS -- MONTHLY & ANNUAL BY YEAR

ELEMENT: SEA LEVEL PRESSURE (MILLIBARS)

YEAR	ELEMENT	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1983	MEAN	-	-	-	-	-	-	-	-	-	1019.1	1011.7	1021.3	1017.1
	MAXIMUM	-	-	-	-	-	-	-	-	-	1035.8	1038.1	1043.7	1043.7
	DAY-HR	-	-	-	-	-	-	-	-	-	29-17	03-16	19-16	DEC
	MINIMUM	-	-	-	-	-	-	-	-	-	997.4	971.6	1003.1	971.6
	DAY-HR	-	-	-	-	-	-	-	-	-	28-02	24-04	15-00	NOV
	# OBS	-	-	-	-	-	-	-	-	-	170	532	618	1320
1984	MEAN	1020.2	1015.8	1021.8	1016.6	1013.8	1012.3	1013.9	1014.7	1016.7	1017.0	1015.4	1012.1	1016.1
	MAXIMUM	1049.5	1033.6	1046.4	1037.0	1033.3	1026.5	1027.0	1025.6	1028.8	1032.3	1039.2	1026.2	1049.5
	DAY-HR	14-16	07-18	16-22	21-15	28-17	14-15	24-16	23-15	26-17	31-07	20-17	06-16	JAN
	MINIMUM	993.7	994.8	1001.2	991.9	997.5	988.5	1002.8	1002.4	1001.0	988.9	994.5	993.8	988.5
	DAY-HR	05-20	03-08	21-20	30-14	24-23	08-17	17-10	09-08	07-21	27-23	28-09	12-02	JUN
	# OBS	744	686	741	715	740	719	738	740	716	740	716	284	8279
1985	MEAN	-	-	-	1020.7	1005.3	1011.7	1013.0	1015.4	1015.9	1014.2	1019.9	1019.6	1015.4
	MAXIMUM	-	-	-	1031.3	1020.4	1026.2	1024.3	1025.8	1038.2	1030.8	1038.8	1029.9	1038.8
	DAY-HR	-	-	-	12-19	28-17	30-15	30-14	28-14	13-16	28-15	11-08	03-16	NOV
	MINIMUM	-	-	-	1004.0	985.9	987.6	1001.4	1001.2	987.0	999.6	1001.4	1006.3	985.9
	DAY-HR	-	-	-	10-11	31-15	22-13	04-17	13-09	24-01	08-13	20-06	15-05	MAY
	# OBS	-	-	-	106	78	708	744	744	701	629	719	475	4904
1986	MEAN	-	-	1014.9	1014.7	1016.1	1014.0	1013.6	1015.5	1015.7	1017.9	1016.5	1017.2	1015.6
	MAXIMUM	-	-	1033.8	1029.3	1029.1	1025.2	1021.3	1029.5	1034.6	1033.4	1037.0	1037.3	1037.3
	DAY-HR	-	-	24-05	04-17	03-14	02-14	14-16	21-17	16-15	09-17	30-23	01-00	DEC
	MINIMUM	-	-	996.5	996.8	994.9	997.1	999.1	1004.7	1002.1	1002.6	990.1	998.6	990.1
	DAY-HR	-	-	30-05	29-01	06-12	16-06	04-12	16-13	23-22	07-21	08-14	03-14	NOV
	# OBS	-	-	634	717	741	716	738	740	716	737	716	744	7199
1987	MEAN	1014.2	1020.9	1020.9	1016.8	1016.9	1012.4	1013.2	1013.9	1013.6	1015.5	1017.4	1013.4	1015.7
	MAXIMUM	1030.8	1034.7	1039.4	1033.9	1032.8	1026.0	1021.1	1026.5	1023.3	1032.4	1036.1	1037.2	1039.4
	DAY-HR	16-16	26-15	09-17	05-16	04-15	09-16	26-16	23-16	02-17	10-15	10-15	29-16	MAR
	MINIMUM	998.4	993.7	1002.4	998.9	1000.5	1002.0	1005.1	1000.2	1005.6	989.1	996.7	985.6	985.6
	DAY-HR	11-21	07-23	01-19	29-04	11-08	02-02	02-20	17-00	19-23	01-20	17-15	11-19	DEC
	# OBS	727	672	741	719	744	719	744	742	682	741	719	742	8692
1988	MEAN	1016.8	1016.4	1015.4	1013.0	1014.0	1014.5	1015.8	1012.9	1013.5	1010.8	1010.4	1016.2	1014.2
	MAXIMUM	1037.6	1039.2	1032.3	1030.9	1024.6	1025.5	1021.6	1024.0	1029.3	1031.7	1028.9	1034.0	1039.2
	DAY-HR	14-03	11-08	31-19	01-00	06-12	09-15	22-14	18-17	28-04	30-10	18-17	15-16	FEB
	MINIMUM	989.0	973.4	988.1	995.4	990.1	1001.0	1002.3	998.4	989.8	992.3	974.8	997.0	973.4
	DAY-HR	16-19	22-09	25-10	17-09	09-10	22-02	13-21	14-09	20-06	27-23	16-18	12-22	FEB
	# OBS	743	695	739	718	741	508	425	732	651	385	713	455	7505
1989	MEAN	-	-	1016.5	1017.2	1016.6	-	1020.0	1014.3	1016.8	1016.4	1010.7	1018.2	1016.0
	MAXIMUM	-	-	1017.5	1026.8	1031.5	-	1026.2	1025.0	1030.7	1040.2	1027.4	1041.6	1041.6
	DAY-HR	-	-	31-15	22-16	11-15	-	23-15	24-16	26-18	18-16	29-02	22-16	DEC
	MINIMUM	-	-	1015.1	999.8	989.3	-	1012.8	998.8	1005.8	995.8	990.2	997.2	989.3
	DAY-HR	-	-	31-00	02-06	25-05	-	26-23	04-00	07-23	11-21	11-10	05-19	MAY
	# OBS	-	-	22	681	583	-	290	666	682	729	660	618	4931
1990	MEAN	1009.1	1016.1	1018.2	1013.9	1014.8	1010.3	1015.9	1018.3	1017.0	1015.3	1015.2	1019.3	1015.2
	MAXIMUM	1028.7	1042.5	1043.4	1026.8	1028.3	1024.7	1031.2	1029.7	1030.8	1033.3	1032.1	1039.8	1043.4
	DAY-HR	19-06	25-16	06-17	03-02	03-16	10-17	12-15	06-16	17-16	08-16	13-14	03-04	MAR
	MINIMUM	979.4	996.4	989.9	992.8	995.9	987.9	1000.1	1009.7	996.0	988.6	992.1	1000.3	979.4
	DAY-HR	11-09	09-21	15-20	28-22	17-16	03-08	03-21	28-09	25-04	03-18	23-06	12-21	JAN
	# OBS	686	547	704	700	713	669	322	743	715	739	578	616	7732

1991	MEAN	1019.8	1018.0	1015.2	1017.5	1017.4	1018.2	1013.8	1017.3	1017.1	1015.2	1015.3	1017.8	1016.8
	MAXIMUM	1045.5	1033.1	1030.4	1040.3	1037.4	1031.0	1025.8	1031.0	1033.3	1035.7	1030.4	1039.8	1045.5
	DAY-HR	07-14	23-07	16-15	12-06	18-15	06-15	27-14	31-18	29-15	31-02	16-17	18-16	JAN
	MINIMUM	990.1	999.9	986.8	992.1	993.4	1005.4	1001.9	1001.5	992.2	996.3	985.0	994.8	985.0
	DAY-HR	23-02	16-19	06-02	30-15	01-00	27-12	06-08	17-10	25-14	17-16	02-17	12-22	NOV
	# OBS	624	602	665	689	742	720	743	736	719	743	718	743	8444
1992	MEAN	1015.5	1018.2	1017.8	1017.6	1018.3	1014.3	1013.1	1016.8	1013.3	1015.9	1017.0	1016.3	1016.1
	MAXIMUM	1031.6	1038.6	1029.2	1037.1	1033.7	1026.4	1022.1	1027.5	1028.3	1026.8	1033.0	1035.7	1038.6
	DAY-HR	01-00	11-16	27-16	12-18	24-05	21-13	22-15	14-16	29-15	05-14	19-16	29-02	FEB
	MINIMUM	989.7	994.7	1002.0	1002.3	998.5	989.7	1003.8	998.0	998.4	996.9	992.6	992.5	989.7
	DAY-HR	23-12	28-09	01-05	03-20	01-14	18-05	03-10	30-11	18-13	09-16	03-05	25-09	JUN
	# OBS	741	689	718	657	689	711	737	738	717	682	716	742	8537
1993	MEAN	1020.6	1023.0	-	1015.3	1015.2	1014.5	1013.2	1015.0	1014.7	1013.9	1017.3	1015.9	1016.0
	MAXIMUM	1043.8	1039.0	-	1030.7	1028.4	1025.1	1025.1	1023.6	1028.9	1026.1	1037.0	1034.9	1043.8
	DAY-HR	09-17	11-14	-	26-15	01-15	18-12	22-14	21-12	15-17	22-17	25-04	28-05	JAN
	MINIMUM	995.0	1007.3	-	993.5	997.3	996.6	996.9	1000.5	991.1	984.4	996.9	1001.1	984.4
	DAY-HR	31-07	07-12	-	24-19	24-12	09-13	06-03	24-02	09-10	28-15	19-14	13-01	OCT
	# OBS	735	397	-	363	738	717	740	739	715	737	714	737	7332
1994	MEAN	1024.0	1021.6	1014.8	1015.2	1016.0	1014.3	1013.7	1015.1	1015.6	1013.7	1013.4	1020.3	1016.5
	MAXIMUM	1041.8	1041.9	1030.4	1034.5	1032.4	1028.4	1024.5	1028.2	1028.8	1029.5	1030.4	1035.9	1041.9
	DAY-HR	26-05	22-16	11-14	28-09	17-16	02-16	13-17	09-16	03-17	04-13	10-17	29-16	FEB
	MINIMUM	1009.4	998.1	993.6	988.2	998.6	999.1	1004.7	996.3	1001.4	994.2	983.0	1001.5	983.0
	DAY-HR	23-20	19-19	14-20	15-22	11-12	15-01	21-23	28-04	27-22	28-20	28-11	01-22	NOV
	# OBS	738	656	742	719	738	695	736	741	714	733	712	742	8666
1995	MEAN	1015.8	1015.8	1021.0	1015.0	1013.2	1014.6	1010.1	1013.6	1016.1	1009.3	1014.5	1018.3	1014.8
	MAXIMUM	1030.4	1031.0	1035.9	1031.1	1028.6	1024.5	1019.2	1023.9	1027.1	1026.2	1028.9	1034.0	1035.9
	DAY-HR	10-05	28-12	09-11	10-16	26-16	08-18	15-13	24-15	07-16	30-15	24-04	13-03	MAR
	MINIMUM	992.0	982.7	993.9	997.7	990.5	997.7	998.8	1001.0	1000.8	991.7	990.0	989.5	982.7
	DAY-HR	31-19	10-12	21-06	03-09	14-07	07-00	06-09	14-11	16-13	27-19	30-23	01-01	FEB
	# OBS	738	666	734	712	743	712	738	742	713	732	709	739	8678
1996	MEAN	1017.3	1013.5	1018.1	1014.0	1016.6	1013.9	1013.2	1016.2	1014.7	1012.8	1011.2	-	1014.9
	MAXIMUM	1038.1	1033.2	1032.0	1030.0	1031.4	1021.5	1025.5	1025.3	1030.0	1031.9	1019.8	-	1038.1
	DAY-HR	06-16	03-15	27-07	05-16	24-16	07-18	27-18	29-19	18-16	03-15	10-16	-	JAN
	MINIMUM	997.8	991.1	995.9	985.1	988.4	1002.0	1001.7	1001.7	994.9	978.1	997.1	-	978.1
	DAY-HR	29-18	20-04	02-09	25-18	18-09	29-13	08-09	05-19	28-09	30-08	06-23	-	OCT
	# OBS	736	685	738	736	734	710	830	789	710	710	314	-	7692
1997	MEAN	1017.7	1022.6	-	1012.6	1014.6	1012.3	1015.0	1015.7	1012.9	1011.8	1013.8	1012.6	1014.9
	MAXIMUM	1040.7	1035.5	-	1034.1	1030.9	1025.6	1028.2	1024.2	1035.1	1034.7	1034.0	1025.2	1040.7
	DAY-HR	29-16	16-17	-	09-15	27-17	09-14	30-14	11-15	03-15	16-14	06-06	20-16	JAN
	MINIMUM	994.9	1004.2	-	981.8	993.9	991.1	993.9	996.8	980.2	986.5	985.8	999.2	980.2
	DAY-HR	15-21	01-00	-	06-14	05-14	16-01	02-16	15-15	29-14	13-11	02-19	15-20	SEP
	# OBS	560	708	-	419	698	717	729	737	716	552	527	558	6921
1998	MEAN	1018.1	1015.2	1018.2	1015.7	1011.9	1009.9	1013.9	1016.1	1012.3	1018.0	1013.9	1015.8	1014.8
	MAXIMUM	1033.3	1030.0	1036.8	1033.8	1023.8	1023.0	1025.9	1026.3	1022.8	1030.1	1032.5	1035.9	1036.8
	DAY-HR	14-10	03-13	15-17	27-16	09-15	08-18	31-19	18-18	16-03	22-07	02-15	20-08	MAR
	MINIMUM	998.2	1000.1	992.5	995.8	994.7	999.2	999.3	999.2	1001.2	990.5	965.8	1000.7	965.8
	DAY-HR	02-20	27-23	28-13	13-11	16-12	12-08	21-03	24-08	20-21	18-10	10-20	27-13	NOV
	# OBS	474	453	512	537	595	639	664	788	712	736	719	736	7565
1999	MEAN	1017.9	1014.1	1020.0	1017.8	1013.1	1014.9	1009.0	-	-	1013.7	1015.8	1014.5	1015.8
	MAXIMUM	1038.5	1036.3	1039.3	1034.0	1026.2	1025.5	1012.2	-	-	1024.8	1040.9	1029.0	1040.9
	DAY-HR	13-16	21-16	07-16	29-14	10-18	17-14	03-04	-	-	24-00	30-02	24-14	NOV
	MINIMUM	989.8	989.9	989.0	1000.3	983.2	1000.2	1004.6	-	-	993.5	997.5	984.7	983.2
	DAY-HR	16-12	12-03	17-20	06-16	07-13	05-16	03-21	-	-	21-21	13-19	29-19	MAY
	# OBS	716	647	703	719	742	719	95	-	-	291	717	741	6090
2000	MEAN	1018.7	1016.7	1015.5	1017.2	1010.3	1017.7	-	-	-	1020.9	1012.9	1022.2	1016.5
	MAXIMUM	1043.9	1032.7	1034.9	1031.1	1025.3	1025.7	-	-	-	1035.4	1029.0	1038.9	1043.9
	DAY-HR	17-03	17-09	17-16	12-17	19-04	04-20	-	-	-	28-11	11-16	02-15	JAN
	MINIMUM	984.0	994.8	985.4	988.8	991.6	1005.4	-	-	-	930.0	1000.2	1000.2	930.0
	DAY-HR	10-20	26-20	27-17	06-06	24-00	08-10	-	-	-	18-18	02-12	16-21	OCT
	# OBS	741	692	733	707	737	234	-	-	-	312	711	715	5582
2001	MEAN	1014.7	1019.8	1017.7	1015.4	1013.4	1014.4	1015.5	1015.6	1019.6	1012.5	1017.5	1011.7	1015.7
	MAXIMUM	1031.8	1038.4	1030.1	1033.1	1030.8	1025.3	1029.5	1024.6	1034.1	1040.1	1034.9	1028.3	1040.1
	DAY-HR	01-15	11-12	18-15	17-15	04-15	27-16	26-16	13-16	14-13	30-06	28-14	21-16	OCT
	MINIMUM	989.3	986.5	991.6	986.3	989.4	998.9	1003.5	1003.2	998.0	978.4	991.8	990.6	978.4
	DAY-HR	05-04	25-13	13-10	12-14	22-09	19-05	23-23	09-12	08-06	25-14	25-07	05-23	OCT
	# OBS	699	642	737	716	741	717	737	335	594	706	654	457	7735
POR	MEAN	1017.4	1017.8	1017.8	1015.7	1014.8	1013.6	1013.8	1015.4	1015.3	1014.8	1014.9	1017.0	1015.6
	MAXIMUM	1049.5	1042.5	1046.4	1040.3	1037.4	1031.0	1031.2	1031.0	1038.2	1040.2	1040.9	1043.7	1049.5
	YEAR	1984	1990	1984	1991	1991	1991	1990	1991	1985	1989	1999	1983	JAN/1984
	MINIMUM	979.4	973.4	985.4	981.8	983.2	987.6	993.9	996.3	980.2	930.0	965.8	984.7	930.0
	YEAR	1990	1988	2000	1997	1999	1985	1997	1994	1997	2000	1998	1999	OCT/2000
	# OBS	10402	9437	9863	11330	12237	11330	10750	11452	11173	11804	12564	11462	133804

STATION: ROAM4 -- POR (10/1983 - 12/2001)

2 - MEANS & EXTREMES BASED ON HOURLY (GMT) OBSERVATIONS -- MONTHLY & ANNUAL BY YEAR

ELEMENT: AVERAGE WIND SPEED (KNOTS)

YEAR	ELEMENT	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1983	MEAN	-	-	-	-	-	-	-	-	-	15.0	17.0	18.2	17.2
	MAXIMUM	-	-	-	-	-	-	-	-	-	33.0	44.1	40.0	44.1
	DAY-HR	-	-	-	-	-	-	-	-	-	28-19	24-06	15-06	NOV
	MINIMUM	-	-	-	-	-	-	-	-	-	0.0	0.0	0.0	0.0
	DAY-HR	-	-	-	-	-	-	-	-	-	29-18	14-23	07-17	DEC
	# OBS	-	-	-	-	-	-	-	-	-	169	690	618	1477
1984	MEAN	16.9	13.9	14.3	14.2	12.3	12.5	12.6	10.3	13.8	15.4	16.4	19.2	14.1
	MAXIMUM	46.1	36.2	43.2	41.0	31.1	42.0	35.0	32.1	31.1	46.1	40.0	37.1	46.1
	DAY-HR	25-04	05-11	10-19	27-20	09-01	08-22	16-01	27-00	24-20	17-13	28-13	05-07	OCT
	MINIMUM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	DAY-HR	27-19	24-22	30-21	30-00	27-12	29-00	28-11	19-07	21-09	25-00	25-23	01-21	DEC
	# OBS	743	687	737	712	739	720	735	740	716	743	715	284	8271
1985	MEAN	-	-	-	14.9	12.2	13.9	11.1	12.1	14.2	15.6	15.3	16.6	13.9
	MAXIMUM	-	-	-	28.0	29.0	35.0	30.1	37.1	43.2	39.1	41.0	46.1	46.1
	DAY-HR	-	-	-	13-12	31-18	22-04	24-10	12-21	24-12	08-22	19-02	02-06	DEC
	MINIMUM	-	-	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	DAY-HR	-	-	-	14-15	31-01	25-03	31-12	30-06	19-06	30-22	20-00	03-20	DEC
	# OBS	-	-	-	106	78	709	744	743	699	670	719	475	4943
1986	MEAN	-	-	16.0	15.0	12.6	12.6	12.3	11.1	13.3	14.1	18.1	17.1	14.2
	MAXIMUM	-	-	44.1	37.1	32.1	35.0	32.1	28.0	42.0	43.2	53.1	42.0	53.1
	DAY-HR	-	-	19-12	24-05	31-02	11-07	19-10	23-03	27-06	31-15	08-22	22-16	NOV
	MINIMUM	-	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	DAY-HR	-	-	16-12	30-06	30-12	30-06	31-05	30-22	28-10	28-01	22-23	16-15	DEC
	# OBS	-	-	634	717	741	716	739	741	716	739	717	743	7203
1987	MEAN	15.8	13.6	14.4	12.0	12.9	11.8	11.4	13.0	12.4	17.2	15.5	15.4	13.8
	MAXIMUM	31.1	44.1	34.0	42.0	39.1	34.0	31.1	36.2	29.0	46.1	42.0	47.0	47.0
	DAY-HR	27-04	08-04	08-14	01-16	22-02	12-20	17-05	01-18	23-10	02-08	19-05	26-20	DEC
	MINIMUM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	DAY-HR	30-09	22-01	31-16	24-06	31-22	30-14	29-21	28-14	16-08	31-23	27-12	22-20	DEC
	# OBS	739	671	741	718	744	719	744	742	682	740	718	743	8701
1988	MEAN	19.2	16.5	17.6	12.4	11.8	14.3	10.1	12.7	15.6	17.0	18.6	19.7	15.5
	MAXIMUM	47.0	45.1	49.2	33.0	43.2	39.1	34.8	34.6	35.0	39.7	46.5	42.6	49.2
	DAY-HR	10-12	20-04	12-15	17-04	13-05	07-03	29-08	06-00	04-15	28-10	06-14	12-13	MAR
	MINIMUM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0
	DAY-HR	28-10	27-18	31-18	30-09	30-09	19-04	28-14	31-22	21-18	22-17	21-09	11-21	NOV
	# OBS	743	694	739	717	742	508	424	732	651	386	716	456	7508
1989	MEAN	-	-	11.9	13.2	11.5	13.2	9.6	11.8	14.8	14.3	18.4	17.3	13.8
	MAXIMUM	-	-	22.2	34.4	48.0	33.2	26.8	33.0	41.0	41.2	46.9	43.4	48.0
	DAY-HR	-	-	31-03	08-11	25-05	07-20	06-04	06-02	22-21	02-09	20-16	24-01	MAY
	MINIMUM	-	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0
	DAY-HR	-	-	31-19	30-20	31-00	26-19	31-16	23-16	21-10	19-19	13-15	30-07	DEC
	# OBS	-	-	22	679	726	699	613	666	681	729	660	623	6098
1990	MEAN	16.6	17.3	16.3	14.9	13.5	12.2	10.9	12.1	12.8	14.4	16.5	16.0	14.5
	MAXIMUM	47.2	41.2	42.8	39.5	39.5	40.4	30.1	31.3	31.1	44.5	35.8	35.6	47.2
	DAY-HR	02-04	21-01	24-23	02-03	08-04	03-15	09-15	18-17	22-16	17-22	22-19	28-07	JAN
	MINIMUM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	1.2	0.0
	DAY-HR	24-17	22-19	30-10	25-11	27-14	27-06	25-09	22-23	28-10	08-20	24-21	05-04	OCT
	# OBS	686	552	704	700	710	670	328	743	716	740	629	627	7805
1991	MEAN	15.5	13.3	11.8	12.3	12.5	11.0	12.5	10.4	15.4	15.2	18.4	18.1	13.9
	MAXIMUM	37.1	31.7	35.2	43.9	33.0	34.0	32.1	28.2	49.0	36.0	45.9	43.5	49.0
	DAY-HR	22-18	22-08	06-13	27-22	06-14	19-00	19-03	01-12	22-19	30-01	02-17	01-19	SEP
	MINIMUM	0.2	0.2	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.6	0.0	1.0	0.0
	DAY-HR	12-18	26-20	17-16	22-23	15-00	23-09	27-10	06-09	07-23	20-18	26-03	18-20	NOV
	# OBS	632	605	668	425	742	720	743	511	627	743	717	508	7641
1992	MEAN	-	-	-	12.9	12.9	11.5	11.4	12.2	16.0	13.7	15.6	17.3	13.8
	MAXIMUM	-	-	-	35.6	34.4	34.4	35.4	32.9	42.8	35.0	39.7	38.9	42.8
	DAY-HR	-	-	-	21-21	11-05	28-12	02-22	08-00	28-11	12-07	10-20	25-13	SEP
	MINIMUM	-	-	-	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.2	0.2	0.0
	DAY-HR	-	-	-	23-20	28-07	25-07	22-11	19-16	01-13	27-14	07-04	11-19	OCT
	# OBS	-	-	-	448	689	711	737	738	717	685	713	742	6180
1993	MEAN	16.1	15.6	-	13.1	12.0	12.1	11.7	11.2	14.0	15.0	17.4	16.1	14.0
	MAXIMUM	38.5	36.0	-	32.3	36.2	31.5	31.7	26.0	36.4	35.2	41.4	38.3	41.4

	DAY-HR	16-06	02-14	-	16-09	27-21	21-23	05-00	01-21	09-05	29-12	19-21	29-03	NOV
	MINIMUM	0.8	0.4	-	0.2	0.0	0.2	0.0	0.0	0.2	0.0	0.0	0.2	0.0
	DAY-HR	27-22	08-19	-	17-17	03-22	09-20	30-16	06-04	11-12	18-17	06-17	18-06	NOV
	# OBS	735	397	-	363	738	718	740	740	715	738	715	738	7337
1994	MEAN	17.2	15.0	14.6	16.1	12.2	11.8	10.8	12.5	11.9	16.2	16.9	15.8	14.3
	MAXIMUM	40.8	36.9	34.6	40.6	36.4	40.6	30.3	32.5	39.7	38.9	44.1	38.7	44.1
	DAY-HR	21-04	23-18	15-11	16-04	09-04	14-19	12-07	28-08	25-15	24-03	18-18	22-01	NOV
	MINIMUM	0.2	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	DAY-HR	02-22	09-21	19-18	21-16	24-09	18-09	30-07	01-03	25-06	03-01	01-17	25-01	DEC
	# OBS	739	656	742	719	739	696	738	741	715	735	712	742	8674
1995	MEAN	18.0	-	-	-	13.2	12.0	11.9	12.9	13.5	17.3	16.9	17.6	14.6
	MAXIMUM	38.1	-	-	-	32.9	34.4	32.1	35.0	43.9	48.0	36.2	38.9	48.0
	DAY-HR	05-05	-	-	-	22-20	07-05	13-14	14-23	07-01	21-09	23-05	05-05	OCT
	MINIMUM	8.9	-	-	-	0.0	0.0	0.0	0.0	0.6	0.0	0.8	1.7	0.0
	DAY-HR	02-04	-	-	-	26-00	29-16	25-15	06-19	23-17	18-16	22-11	08-10	OCT
	# OBS	103	-	-	-	314	713	739	742	714	732	710	739	5506
1996	MEAN	17.5	14.6	14.5	13.4	10.9	10.5	13.3	12.5	12.0	16.4	18.4	-	13.7
	MAXIMUM	50.2	38.7	41.0	42.6	41.6	31.7	33.2	34.4	36.9	40.0	40.8	-	50.2
	DAY-HR	19-00	27-10	25-13	26-03	18-09	29-13	18-22	05-19	27-06	30-16	07-09	-	JAN
	MINIMUM	1.2	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	4.3	-	0.0
	DAY-HR	15-19	13-06	29-01	14-21	30-06	25-09	26-05	27-14	25-08	22-12	04-05	-	OCT
	# OBS	737	686	739	736	734	712	828	789	710	712	314	-	7697
1997	MEAN	19.2	15.7	-	13.0	12.2	11.4	11.3	11.0	14.1	15.1	14.9	14.3	13.7
	MAXIMUM	43.0	41.4	-	30.7	37.9	29.7	36.4	27.8	34.0	41.2	38.9	36.7	43.0
	DAY-HR	22-16	13-18	-	06-23	12-05	25-16	02-13	09-06	24-16	09-16	25-07	12-14	JAN
	MINIMUM	0.2	0.0	-	0.0	0.0	0.0	0.2	0.0	0.2	0.0	0.0	0.0	0.0
	DAY-HR	20-21	15-18	-	18-05	22-02	30-07	23-20	29-10	11-18	30-02	24-15	20-19	DEC
	# OBS	568	708	-	419	698	717	729	737	716	553	530	567	6942
1998	MEAN	14.4	12.1	12.8	12.1	12.0	11.3	7.4	11.4	13.0	16.0	15.4	17.1	13.0
	MAXIMUM	34.4	32.7	32.9	33.8	36.2	32.3	28.2	29.2	34.6	33.2	48.6	43.7	48.6
	DAY-HR	09-10	27-03	30-05	01-04	16-18	19-06	29-20	17-02	19-11	18-10	10-19	23-02	NOV
	MINIMUM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0
	DAY-HR	11-21	05-17	23-17	27-02	28-09	14-12	10-07	31-16	17-22	31-00	30-05	07-13	NOV
	# OBS	485	465	515	538	595	639	663	788	712	736	719	729	7584
1999	MEAN	18.7	17.5	12.5	-	-	12.6	8.3	-	-	18.0	16.7	16.3	15.7
	MAXIMUM	41.0	42.6	33.4	-	-	33.8	24.1	-	-	41.2	43.7	47.4	47.4
	DAY-HR	04-01	16-03	03-08	-	-	05-16	03-21	-	-	23-02	01-23	26-04	DEC
	MINIMUM	0.6	0.2	0.0	-	-	0.0	0.4	-	-	3.5	0.6	0.4	0.0
	DAY-HR	20-08	28-05	13-18	-	-	16-16	01-05	-	-	29-01	18-03	18-02	JUN
	# OBS	480	291	297	-	-	652	94	-	-	291	717	741	3563
2000	MEAN	15.5	15.2	15.1	13.3	12.0	13.8	-	-	-	14.6	16.4	17.2	14.9
	MAXIMUM	33.2	37.7	44.7	32.7	30.1	35.0	-	-	-	31.9	46.9	42.8	46.9
	DAY-HR	24-15	06-18	09-01	20-15	24-00	10-16	-	-	-	27-08	03-09	03-15	NOV
	MINIMUM	0.6	0.6	0.6	0.6	0.6	1.0	-	-	-	1.9	0.8	0.8	0.6
	DAY-HR	27-18	17-13	23-19	30-11	29-08	08-15	-	-	-	31-21	27-00	14-23	MAY
	# OBS	741	692	733	707	737	234	-	-	-	312	714	723	5593
2001	MEAN	17.5	16.6	12.8	13.9	13.5	12.6	12.2	13.6	12.3	17.0	16.8	17.4	14.6
	MAXIMUM	34.4	35.8	30.3	43.9	33.4	36.2	30.9	39.5	31.5	45.5	40.4	35.0	45.5
	DAY-HR	17-21	25-13	03-09	11-23	16-06	30-01	05-00	08-13	23-11	25-22	27-22	23-23	OCT
	MINIMUM	0.2	0.0	0.0	0.2	0.2	0.2	0.0	0.2	0.2	1.0	0.0	0.0	0.0
	DAY-HR	08-21	07-18	09-17	01-09	10-15	28-14	30-01	08-11	28-00	17-16	29-16	05-05	DEC
	# OBS	712	649	739	716	742	717	744	338	614	713	661	481	7826
POR	MEAN	16.9	15.1	14.5	13.6	12.3	12.2	11.4	11.9	13.7	15.6	16.8	16.9	14.2
	MAXIMUM	50.2	45.1	49.2	43.9	48.0	42.0	36.4	39.5	49.0	48.0	53.1	47.4	53.1
	YEAR	1996	1988	1988	2001	1989	1984	1997	2001	1991	1995	1986	1999	NOV/1986
	MINIMUM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	YEAR	1998	2001	2001	1998	1998	1999	2001	1998	1998	1998	2001	2001	DEC/2001
	# OBS	8843	7753	8010	9420	11208	11970	11082	11231	11101	11866	12786	11279	126549

STATION: ROAM4 -- POR (10/1983 - 12/2001)

2 - HIGHEST 5-SECOND AVERAGE DURING 2 OR 8-MINUTE PERIOD PRIOR TO OBSERVATION TIME -- MONTHLY & ANNUAL BY YEAR

ELEMENT: PEAK WIND GUST (KNOTS)

YEAR	ELEMENT	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1983	MEAN	-	-	-	-	-	-	-	-	-	16.4	19.1	21.1	19.6
	MAXIMUM	-	-	-	-	-	-	-	-	-	36.2	48.0	46.1	48.0
	DAY-HR	-	-	-	-	-	-	-	-	-	28-19	24-09	15-07	NOV
	# OBS	-	-	-	-	-	-	-	-	-	169	690	617	1476

1984	MEAN	19.5	15.2	15.9	15.5	13.1	13.3	13.5	11.1	15.1	17.1	18.3	21.7	15.5
	MAXIMUM	51.1	40.0	48.0	46.1	34.0	46.1	36.2	32.1	34.0	53.1	44.1	42.0	53.1
	DAY-HR	25-04	05-11	10-23	28-21	09-01	08-22	16-01	27-00	24-20	17-07	28-13	06-02	OCT
	# OBS	743	685	736	712	739	718	734	740	716	736	714	283	8256
1985	MEAN	-	-	-	16.2	13.1	14.9	11.8	12.9	15.5	17.1	17.5	19.3	15.3
	MAXIMUM	-	-	-	34.0	31.1	37.1	31.1	40.0	48.0	45.1	46.1	52.1	52.1
	DAY-HR	-	-	-	13-12	31-18	09-19	24-10	12-21	24-08	08-22	19-02	02-02	DEC
	# OBS	-	-	-	104	78	708	743	743	699	670	719	469	4933
1986	MEAN	-	-	17.5	16.3	13.5	13.4	13.1	11.9	14.5	15.6	20.6	19.3	15.5
	MAXIMUM	-	-	49.2	41.0	34.0	36.2	34.0	30.1	46.1	48.0	58.1	46.1	58.1
	DAY-HR	-	-	19-10	26-06	31-02	11-07	24-15	23-03	27-06	31-15	08-22	22-16	NOV
	# OBS	-	-	632	717	741	716	738	740	716	737	715	742	7194
1987	MEAN	18.0	15.2	16.0	13.0	13.9	12.5	12.3	14.1	13.5	19.3	17.4	17.5	15.2
	MAXIMUM	35.0	49.2	36.2	45.1	44.1	34.0	34.0	37.1	32.1	50.2	46.1	50.2	50.2
	DAY-HR	23-04	08-04	09-07	01-16	22-02	12-20	24-03	01-18	25-19	02-08	19-04	26-20	DEC
	# OBS	739	671	740	718	744	718	744	740	682	740	718	742	8696
1988	MEAN	22.0	18.9	19.6	13.5	12.6	15.1	10.8	13.7	16.8	19.1	20.8	22.5	17.1
	MAXIMUM	54.0	47.0	59.1	36.2	50.2	40.0	44.7	37.5	37.7	44.5	50.9	47.2	59.1
	DAY-HR	10-12	20-04	12-15	08-16	13-05	07-03	15-13	06-00	04-15	28-12	06-01	12-13	MAR
	# OBS	743	694	738	717	741	507	422	731	651	385	712	453	7494
1989	MEAN	-	-	13.0	14.4	12.3	14.1	10.1	12.7	15.9	15.6	20.8	19.9	15.1
	MAXIMUM	-	-	23.3	39.3	50.5	36.2	35.6	35.4	46.1	45.5	49.8	46.3	50.5
	DAY-HR	-	-	31-03	08-09	25-05	07-20	27-02	06-02	22-21	02-09	20-16	24-01	MAY
	# OBS	-	-	22	676	721	688	606	665	680	726	658	615	6057
1990	MEAN	18.6	19.2	18.0	16.2	14.6	13.0	11.3	13.0	14.1	16.1	18.5	18.8	16.0
	MAXIMUM	51.7	45.5	47.4	41.8	46.3	44.3	31.1	34.4	35.6	51.5	40.2	41.6	51.7
	DAY-HR	02-04	21-02	24-22	02-02	08-04	03-15	09-15	18-14	22-22	18-05	22-09	28-10	JAN
	# OBS	686	542	702	700	709	669	313	742	715	739	595	607	7719
1991	MEAN	18.2	15.0	14.5	14.6	13.5	12.0	13.3	11.1	17.2	17.0	20.8	20.8	15.6
	MAXIMUM	42.4	36.9	38.9	48.2	36.9	35.2	35.2	29.9	54.2	41.8	55.8	47.4	55.8
	DAY-HR	22-18	15-04	06-14	30-06	06-14	19-00	19-03	01-16	22-19	30-01	02-17	01-19	NOV
	# OBS	608	591	660	425	742	720	743	511	627	742	716	508	7593
1992	MEAN	-	-	-	14.2	13.9	12.4	12.4	13.0	17.4	15.3	17.9	19.8	15.2
	MAXIMUM	-	-	-	41.6	36.4	36.2	44.5	35.6	48.2	37.7	48.2	47.4	48.2
	DAY-HR	-	-	-	12-02	11-05	02-19	02-22	08-00	28-11	12-07	02-17	25-12	NOV
	# OBS	-	-	-	448	688	710	737	738	717	680	713	738	6169
1993	MEAN	18.6	18.1	-	14.5	13.1	13.1	12.7	12.0	15.3	16.8	19.9	18.3	15.6
	MAXIMUM	42.2	41.2	-	36.7	39.9	33.4	33.8	29.2	40.0	39.1	46.1	41.2	46.1
	DAY-HR	16-06	02-14	-	16-08	27-21	21-23	04-21	01-19	09-05	07-09	19-21	29-20	NOV
	# OBS	735	397	-	363	738	716	737	739	715	738	715	736	7329
1994	MEAN	20.1	16.8	16.1	17.6	13.1	12.6	11.7	13.5	13.0	18.0	19.2	18.1	15.8
	MAXIMUM	45.3	39.5	38.1	46.5	38.7	45.7	33.2	35.0	43.9	42.6	49.6	42.8	49.6
	DAY-HR	21-05	23-18	24-09	16-04	09-04	14-16	12-01	04-04	25-15	24-03	18-18	22-01	NOV
	# OBS	735	656	742	718	736	695	734	741	714	733	712	742	8658
1995	MEAN	21.7	-	-	-	14.2	13.0	12.9	14.0	15.0	19.4	19.4	20.3	16.3
	MAXIMUM	46.9	-	-	-	34.6	36.5	45.3	39.7	49.2	52.9	41.4	44.1	52.9
	DAY-HR	05-05	-	-	-	22-20	07-05	13-14	14-18	07-01	21-02	23-05	05-05	OCT
	# OBS	103	-	-	-	314	713	738	742	712	732	707	739	5500
1996	MEAN	20.2	16.6	16.3	14.8	11.9	11.5	14.2	13.4	13.2	18.4	20.7	-	15.2
	MAXIMUM	57.3	43.0	44.1	47.8	47.2	33.6	34.2	36.7	42.2	50.0	48.0	-	57.3
	DAY-HR	19-00	27-10	25-12	26-05	18-09	29-13	18-22	05-19	27-03	31-01	07-03	-	JAN
	# OBS	736	685	735	736	734	712	826	789	709	711	314	-	7687
1997	MEAN	22.0	17.4	-	14.0	13.2	12.2	12.0	11.9	15.5	16.5	17.0	16.2	15.0
	MAXIMUM	48.2	43.4	-	33.8	42.2	31.5	40.2	29.4	38.9	48.0	44.3	41.2	48.2
	DAY-HR	22-16	13-18	-	07-14	12-05	25-10	02-14	09-06	24-16	09-15	25-06	12-14	JAN
	# OBS	568	708	-	419	698	717	729	737	716	553	526	553	6924
1998	MEAN	16.9	14.0	15.5	13.4	13.2	12.6	11.9	12.5	14.4	17.9	17.7	20.0	15.1
	MAXIMUM	37.5	37.9	38.3	41.6	41.4	36.2	32.5	31.7	39.5	38.1	54.4	52.7	54.4
	DAY-HR	09-10	27-03	10-04	01-04	16-18	19-06	21-18	17-02	19-11	18-10	10-19	23-03	NOV
	# OBS	466	440	500	534	594	638	660	788	712	736	718	729	7515
1999	MEAN	22.5	19.7	14.2	-	-	13.7	9.3	-	-	20.3	19.0	19.0	18.0
	MAXIMUM	49.8	47.8	36.9	-	-	35.2	26.4	-	-	47.8	51.7	57.7	57.7
	DAY-HR	04-01	16-03	03-08	-	-	05-16	03-21	-	-	22-07	01-23	26-04	DEC
	# OBS	480	291	297	-	-	652	94	-	-	291	717	741	3563
2000	MEAN	18.4	17.4	17.1	15.0	13.3	15.3	-	-	-	15.9	18.4	19.7	16.9
	MAXIMUM	39.1	42.6	53.5	37.7	32.9	39.7	-	-	-	36.2	43.2	45.9	53.5
	DAY-HR	24-15	06-18	09-09	09-14	24-00	10-16	-	-	-	27-08	03-08	21-18	MAR
	# OBS	741	692	733	707	737	234	-	-	-	313	710	711	5578

2001	MEAN	19.2	18.8	14.0	15.0	14.4	13.4	13.1	14.4	13.4	18.5	18.3	20.0	15.9
	MAXIMUM	38.3	39.3	34.4	49.0	35.2	39.5	32.7	47.8	34.2	52.1	44.1	38.3	52.1
	DAY-HR	02-22	25-13	03-09	11-23	16-06	19-08	05-00	08-13	23-11	25-21	28-01	23-23	OCT
	# OBS	685	637	737	713	739	717	744	335	613	699	644	443	7706
POR	MEAN	19.6	17.0	16.3	14.9	13.3	13.1	12.4	12.8	15.0	17.3	19.0	19.4	15.8
	MAXIMUM	57.3	49.2	59.1	49.0	50.5	46.1	45.3	47.8	54.2	53.1	58.1	57.7	59.1
	YEAR	1996	1987	1988	2001	1989	1984	1995	2001	1991	1984	1986	1999	MAR/1988
	# OBS	8768	7689	7974	9407	11193	11948	11042	11221	11094	11830	12713	11168	126047

STATION: ROAM4 -- POR (10/1996 - 12/2001)

2 - HIGHEST 5-SECOND AVERAGE DURING PAST HOUR -- MONTHLY & ANNUAL BY YEAR

ELEMENT: HOURLY PEAK WIND GUST (KNOTS)

YEAR	ELEMENT	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1996	MEAN	-	-	-	-	-	-	-	-	-	21.1	23.6	-	22.0
	MAXIMUM	-	-	-	-	-	-	-	-	-	52.1	51.7	-	52.1
	DAY-HR	-	-	-	-	-	-	-	-	-	30-17	07-04	-	OCT
	MINIMUM	-	-	-	-	-	-	-	-	-	2.7	7.4	-	2.7
	DAY-HR	-	-	-	-	-	-	-	-	-	22-18	04-05	-	OCT
	# OBS	-	-	-	-	-	-	-	-	-	542	314	-	856
1997	MEAN	25.6	19.6	-	16.2	15.8	15.1	14.6	13.6	18.0	19.2	19.5	19.0	17.3
	MAXIMUM	53.3	44.9	-	38.5	43.4	33.0	46.3	30.9	44.1	50.3	46.5	42.8	53.3
	DAY-HR	22-16	13-20	-	07-14	12-06	25-11	02-14	09-06	28-20	09-16	25-07	12-14	JAN
	MINIMUM	2.5	2.1	-	2.5	1.4	1.9	2.5	1.6	2.7	1.2	4.1	1.2	1.2
	DAY-HR	20-21	15-19	-	28-12	14-04	17-17	07-10	19-23	06-07	16-05	21-20	08-02	DEC
	# OBS	421	354	-	394	674	717	729	713	716	553	517	535	6323
1998	MEAN	19.7	16.2	17.9	15.5	16.3	15.1	14.5	15.1	17.2	20.8	21.1	23.5	17.8
	MAXIMUM	39.7	45.7	42.8	46.1	42.2	42.4	41.2	36.2	44.1	42.8	63.8	54.6	63.8
	DAY-HR	09-10	28-01	30-05	01-06	16-18	25-12	29-21	29-04	19-12	18-10	10-18	23-02	NOV
	MINIMUM	0.0	1.0	2.7	1.9	0.0	1.2	1.6	0.2	1.2	0.4	0.4	2.1	0.0
	DAY-HR	10-00	05-17	08-11	20-12	04-16	14-12	10-08	31-16	03-21	28-22	14-04	13-23	MAY
	# OBS	422	421	465	519	591	638	657	788	712	736	718	713	7380
1999	MEAN	-	18.8	16.0	-	-	17.1	13.0	-	-	22.2	21.9	22.3	19.9
	MAXIMUM	-	39.9	38.9	-	-	38.9	46.5	-	-	52.1	51.9	62.8	62.8
	DAY-HR	-	24-17	03-08	-	-	10-06	04-20	-	-	22-03	01-19	26-04	DEC
	MINIMUM	-	0.2	0.2	-	-	2.1	3.5	-	-	1.0	2.5	2.7	0.2
	DAY-HR	-	28-07	14-10	-	-	16-17	02-10	-	-	20-15	16-22	04-15	MAR
	# OBS	-	259	314	-	-	633	94	-	-	291	717	741	3049
2000	MEAN	21.4	20.3	19.8	17.6	16.4	18.5	-	-	-	18.4	21.0	22.4	19.7
	MAXIMUM	42.0	44.9	53.8	44.1	35.0	40.4	-	-	-	42.2	45.1	47.8	53.8
	DAY-HR	24-16	08-17	09-03	09-14	14-13	10-16	-	-	-	27-09	03-05	21-19	MAR
	MINIMUM	4.5	2.9	1.7	1.0	2.3	4.3	-	-	-	4.1	2.3	5.2	1.0
	DAY-HR	07-19	17-13	08-08	26-11	22-18	08-20	-	-	-	31-21	27-00	14-23	APR
	# OBS	741	692	733	707	737	234	-	-	-	309	696	689	5538
2001	MEAN	21.7	21.8	16.5	17.8	17.2	16.2	16.1	17.2	15.5	21.3	21.0	23.2	18.6
	MAXIMUM	40.2	42.8	36.2	51.7	37.1	39.7	39.1	64.3	36.4	51.9	48.0	40.2	64.3
	DAY-HR	02-22	25-13	03-10	11-23	02-03	30-02	30-13	08-14	23-09	25-21	27-20	23-23	AUG
	MINIMUM	2.9	4.5	2.5	1.7	3.1	2.5	1.7	3.1	2.1	2.7	3.1	4.1	1.7
	DAY-HR	31-20	07-18	27-14	01-10	10-16	11-10	07-12	03-13	14-16	22-15	29-15	05-05	JUL
	# OBS	653	598	725	712	733	715	744	333	607	677	620	414	7531
POR	MEAN	21.9	19.6	17.8	17.0	16.4	16.1	15.0	14.9	17.0	20.6	21.2	22.2	18.6
	MAXIMUM	53.3	45.7	53.8	51.7	43.4	42.4	46.5	64.3	44.1	52.1	63.8	62.8	64.3
	YEAR	1997	1998	2000	2001	1997	1998	1999	2001	1998	1999	1998	1999	AUG/2001
	MINIMUM	0.0	0.2	0.2	1.0	0.0	1.2	1.6	0.2	1.2	0.4	0.4	1.2	0.0
	YEAR	1998	1999	1999	2000	1998	1998	1998	1998	1998	1998	1998	1997	MAY/1998
	# OBS	2237	2324	2237	2332	2735	2937	2224	1834	2035	3108	3582	3092	30677

STATION: ROAM4

3 - PERCENT FREQUENCY OF AVERAGE WIND SPEED(KNOTS) VS AVERAGE WIND DIRECTION(TENS OF DEGREES)

Month: JAN

WIND SPEED	WIND DIRECTION													TOT %	TOT N
	CALM	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
0	0.4	*	*	-	-	*	-	*	-	-	-	-	*	0.5	43
1 - 3		0.2	0.2	0.2	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.2	0.2	2.1	183
4 - 6		0.8	0.6	0.3	0.4	0.2	0.2	0.2	0.3	0.2	0.3	0.7	0.8	4.9	431
7 - 10		2.2	1.6	1.4	0.9	0.4	0.4	0.5	0.5	0.6	1.1	1.8	2.2	13.6	1202
11 - 15		4.7	2.6	1.4	0.6	0.6	0.6	0.8	0.9	1.4	2.5	3.1	4.6	24.0	2122

16 - 20	4.3	2.3	1.3	0.5	0.5	0.7	0.7	1.2	2.3	3.2	2.8	4.8	24.5	2167
21 - 24	2.0	1.7	0.8	0.2	0.3	0.5	0.5	0.8	2.1	1.7	1.6	2.4	14.6	1287
25 - 33	1.7	2.1	0.8	0.1	0.1	0.2	0.6	1.2	3.4	1.1	0.7	1.5	13.5	1190
34 - 47	0.5	0.7	*	-	-	-	*	0.1	0.5	0.2	0.1	0.2	2.5	217
> 48	-	*	-	-	-	-	-	-	-	-	-	-	0.0	1
TOTAL %	0.4	16.4	11.8	6.3	2.8	2.1	2.6	3.4	5.2	10.8	10.3	11.1	16.8	100.0
TOTAL N	34	1451	1041	554	246	188	234	301	458	952	909	985	1490	8843

(* < 0.05%)

STATION: ROAM4

3 - PERCENT FREQUENCY OF AVERAGE WIND SPEED(KNOTS) VS AVERAGE WIND DIRECTION(TENS OF DEGREES)

Month: FEB

WIND SPEED	CALM	WIND DIRECTION												TOT %	TOT N
		35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
0	0.7	*	-	*	*	-	*	*	-	*	*	*	*	0.8	65
1 - 3		0.4	0.3	0.3	0.4	0.3	0.2	0.2	0.2	0.3	0.2	0.4	0.3	3.6	282
4 - 6		0.9	1.1	0.8	0.7	0.4	0.3	0.4	0.7	0.5	0.7	0.7	0.8	7.9	610
7 - 10		1.9	2.3	2.0	1.4	0.6	0.6	0.9	1.6	1.6	1.4	2.1	1.4	17.8	1379
11 - 15		3.0	3.1	2.0	1.5	0.9	0.9	1.1	2.2	2.5	2.4	2.8	3.1	25.5	1979
16 - 20		2.4	2.9	1.4	0.7	0.5	0.7	0.7	1.6	2.9	2.0	2.3	2.8	20.8	1615
21 - 24		1.3	2.1	0.8	0.3	0.3	0.4	0.4	0.9	2.0	1.4	1.2	1.0	12.1	939
25 - 33		1.4	1.8	0.4	0.3	0.1	0.2	0.5	0.9	2.4	0.7	0.6	0.7	9.9	767
34 - 47		0.2	0.7	*	-	-	-	*	0.2	0.3	-	-	*	1.5	117
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.7	11.3	14.4	7.8	5.3	3.1	3.3	4.2	8.3	12.8	8.8	10.1	10.2	100.0	
TOTAL N	51	875	1113	601	409	237	256	324	645	989	680	785	788		7753

(* < 0.05%)

STATION: ROAM4

3 - PERCENT FREQUENCY OF AVERAGE WIND SPEED(KNOTS) VS AVERAGE WIND DIRECTION(TENS OF DEGREES)

Month: MAR

WIND SPEED	CALM	WIND DIRECTION												TOT %	TOT N
		35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
0	0.8	*	0.1	0.1	0.1	*	0.1	0.1	*	*	*	-	*	1.5	123
1 - 3		0.3	0.4	0.5	0.3	0.4	0.4	0.3	0.4	0.3	0.4	0.3	0.2	3.9	314
4 - 6		0.6	1.2	1.4	1.0	0.7	0.6	0.8	1.0	0.7	0.5	0.4	0.8	9.8	789
7 - 10		1.3	2.5	3.0	1.9	1.0	1.0	1.1	1.9	1.6	1.3	0.9	1.0	18.5	1481
11 - 15		2.4	3.0	3.7	2.6	1.6	1.0	1.2	1.9	2.6	1.7	1.4	1.5	24.5	1965
16 - 20		3.1	3.6	1.9	1.3	1.2	0.5	0.8	1.5	2.7	1.3	1.2	1.5	20.5	1644
21 - 24		1.9	2.0	0.8	0.5	0.6	0.2	0.4	0.5	1.6	0.6	0.6	1.1	10.7	854
25 - 33		1.5	2.5	0.6	0.2	0.3	0.1	0.1	0.4	1.4	0.2	0.5	1.0	8.9	709
34 - 47		0.3	0.5	0.1	-	0.1	-	-	*	0.4	*	*	0.1	1.6	130
> 48		-	*	-	-	-	-	-	-	*	-	-	-	0.0	2
TOTAL %	0.8	11.5	15.7	12.1	7.9	5.8	3.9	4.8	7.5	11.5	6.0	5.2	7.3	100.0	
TOTAL N	68	921	1256	968	631	467	311	386	604	920	481	415	583		8011

(* < 0.05%)

STATION: ROAM4

3 - PERCENT FREQUENCY OF AVERAGE WIND SPEED(KNOTS) VS AVERAGE WIND DIRECTION(TENS OF DEGREES)

Month: APR

WIND SPEED	CALM	WIND DIRECTION												TOT %	TOT N
		35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
0	1.1	*	*	*	*	-	*	*	-	*	*	*	*	1.3	122
1 - 3		0.5	0.6	0.7	0.6	0.3	0.3	0.4	0.4	0.4	0.4	0.5	0.4	5.7	536
4 - 6		0.8	1.6	1.5	1.0	0.5	0.8	1.0	1.3	1.3	0.8	0.7	0.7	12.0	1128
7 - 10		1.0	2.7	3.1	1.5	0.8	1.4	1.5	2.2	1.8	1.6	1.2	0.9	19.7	1857
11 - 15		1.5	4.3	4.0	1.6	1.0	1.1	0.9	2.4	2.7	1.8	1.4	1.1	23.8	2243
16 - 20		1.6	3.9	3.2	1.4	1.0	0.7	0.4	1.3	2.5	1.4	0.9	1.2	19.5	1841
21 - 24		1.0	2.2	1.1	0.8	0.7	0.3	0.2	0.3	1.0	0.5	0.4	0.8	9.3	875
25 - 33		1.0	2.1	0.9	0.4	0.4	0.4	0.2	0.4	0.8	0.3	0.5	0.5	7.7	724
34 - 47		0.1	0.4	0.1	0.1	0.1	*	*	*	*	*	*	0.1	1.0	94
> 48		*	-	-	-	-	-	-	-	-	-	-	-	0.0	1
TOTAL %	1.1	7.5	17.7	14.6	7.3	4.9	5.0	4.7	8.3	10.7	6.8	5.6	5.8	100.0	
TOTAL N	101	705	1672	1372	689	460	475	440	782	1006	644	526	549		9421

(* < 0.05%)

STATION: ROAM4

3 - PERCENT FREQUENCY OF AVERAGE WIND SPEED(KNOTS) VS AVERAGE WIND DIRECTION(TENS OF DEGREES)

Month: MAY

WIND SPEED	CALM	WIND DIRECTION												TOT %	TOT N
		35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
0	1.1	-	*	*	*	*	*	-	*	*	*	-	*	1.3	144

1 - 3	0.5	0.9	0.8	0.8	0.7	0.7	0.6	0.7	0.5	0.6	0.6	0.5	7.7	863
4 - 6	1.0	1.9	2.0	1.4	0.9	1.0	1.0	1.1	1.0	0.8	0.7	0.8	13.6	1527
7 - 10	0.9	4.1	3.3	1.5	1.2	1.6	1.8	2.3	2.3	1.5	0.7	0.7	21.8	2442
11 - 15	1.3	4.6	3.6	1.2	1.4	1.6	1.3	2.1	3.8	2.2	0.9	0.9	24.9	2790
16 - 20	0.8	4.0	2.6	0.7	1.0	0.6	0.2	1.0	3.4	1.4	0.7	0.9	17.3	1943
21 - 24	0.5	1.5	0.8	0.4	0.5	0.2	0.1	0.3	1.8	0.7	0.3	0.5	7.6	855
25 - 33	0.4	1.0	0.5	0.3	0.5	0.1	0.2	0.3	1.1	0.5	0.2	0.4	5.5	617
34 - 47	*	*	*	*	*	*	*	-	*	*	*	0.1	0.2	26
> 48	-	-	-	*	-	-	-	-	-	-	-	-	0.0	1
TOTAL %	1.1	5.4	18.0	13.6	6.4	6.3	5.9	5.2	7.8	13.9	7.7	4.0	4.7	100.0
TOTAL N	124	609	2014	1524	714	703	659	580	878	1559	865	449	530	11208

(* < 0.05%)

STATION: ROAM4

3 - PERCENT FREQUENCY OF AVERAGE WIND SPEED(KNOTS) VS AVERAGE WIND DIRECTION(TENS OF DEGREES)

Month: JUN

WIND SPEED	CALM	WIND DIRECTION												TOT %	TOT N
		35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
0	1.1	*	*	*	*	*	*	*	*	*	*	*	*	1.3	161
1 - 3	0.7	1.0	0.9	0.8	0.6	0.7	0.8	0.5	0.7	0.7	0.5	0.5	8.2	982	
4 - 6	0.9	2.0	1.9	1.2	1.1	0.9	1.0	1.3	1.4	1.1	0.8	0.8	14.4	1718	
7 - 10	1.1	3.5	3.6	1.2	1.2	1.5	1.6	2.6	2.6	1.7	1.1	0.7	22.4	2682	
11 - 15	0.7	4.0	3.5	0.7	1.1	1.2	1.0	2.3	4.3	2.8	1.2	0.8	23.5	2814	
16 - 20	0.5	3.2	1.8	0.5	0.6	0.5	0.2	0.8	4.7	2.5	0.5	0.6	16.3	1948	
21 - 24	0.4	1.6	0.8	0.2	0.4	0.3	0.1	0.4	2.8	1.2	0.2	0.2	8.6	1024	
25 - 33	0.2	0.6	0.5	0.1	0.3	0.3	0.2	0.3	1.6	0.8	0.1	0.1	5.0	602	
34 - 47	*	*	*	-	*	*	*	*	0.1	0.1	*	*	0.3	39	
> 48	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0	
TOTAL %	1.1	4.6	15.9	13.0	4.6	5.4	5.4	5.0	8.2	18.1	10.8	4.3	3.8	100.0	
TOTAL N	127	545	1905	1554	556	641	646	594	977	2167	1289	520	449	11970	

(* < 0.05%)

STATION: ROAM4

3 - PERCENT FREQUENCY OF AVERAGE WIND SPEED(KNOTS) VS AVERAGE WIND DIRECTION(TENS OF DEGREES)

Month: JUL

WIND SPEED	CALM	WIND DIRECTION												TOT %	TOT N
		35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
0	1.2	*	*	*	*	*	*	*	*	*	0.1	*	*	1.5	170
1 - 3	0.7	0.9	0.8	0.8	0.5	0.6	0.6	0.8	0.8	0.9	0.5	0.5	8.5	941	
4 - 6	1.1	1.6	1.4	1.1	0.8	1.1	1.5	2.2	1.7	1.5	1.0	0.9	15.9	1757	
7 - 10	1.2	3.0	2.1	1.0	1.0	1.9	2.2	3.4	4.0	2.6	1.3	1.0	24.6	2729	
11 - 15	1.0	3.2	2.2	0.7	1.0	1.1	1.3	2.7	5.2	3.0	1.4	1.1	23.9	2644	
16 - 20	0.7	2.0	1.1	0.4	0.8	0.4	0.4	1.2	4.8	2.3	0.6	0.8	15.4	1708	
21 - 24	0.2	0.8	0.3	0.1	0.3	0.1	0.2	0.4	3.0	1.0	0.1	0.3	6.7	748	
25 - 33	*	0.3	0.2	0.2	0.2	*	0.2	0.3	1.5	0.4	0.1	0.1	3.4	378	
34 - 47	-	-	-	*	-	-	-	-	*	-	-	*	0.1	7	
> 48	-	-	-	-	*	-	-	-	-	-	-	*	0.0	2	
TOTAL %	1.2	4.9	12.0	8.1	4.3	4.6	5.1	6.4	10.9	21.0	11.7	5.0	4.7	100.0	
TOTAL N	131	541	1333	893	479	514	566	704	1211	2332	1299	559	522	11084	

(* < 0.05%)

STATION: ROAM4

3 - PERCENT FREQUENCY OF AVERAGE WIND SPEED(KNOTS) VS AVERAGE WIND DIRECTION(TENS OF DEGREES)

Month: AUG

WIND SPEED	CALM	WIND DIRECTION												TOT %	TOT N
		35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
0	1.2	*	*	*	*	*	*	*	-	-	*	*	*	1.4	156
1 - 3	0.6	0.6	0.5	0.5	0.7	0.3	0.6	0.5	0.6	0.7	0.4	0.4	6.4	721	
4 - 6	1.0	1.6	1.3	1.0	0.7	0.9	1.2	1.3	1.7	1.2	1.0	0.7	13.6	1532	
7 - 10	1.5	2.6	2.1	1.3	1.4	2.1	2.6	3.5	3.2	1.9	1.3	1.3	24.8	2780	
11 - 15	1.4	2.5	1.8	0.8	2.1	1.6	1.3	3.1	4.8	2.6	1.7	1.5	25.1	2814	
16 - 20	1.0	1.4	0.6	0.3	1.1	0.9	1.0	2.7	6.0	1.9	1.1	1.0	19.0	2137	
21 - 24	0.3	0.3	0.2	0.2	0.4	0.4	0.7	0.9	2.2	0.8	0.2	0.2	6.7	750	
25 - 33	0.1	0.1	0.1	0.1	0.2	0.2	0.3	0.3	0.8	0.3	0.2	0.2	2.9	328	
34 - 47	-	-	-	*	*	-	*	-	*	-	*	-	0.1	13	
> 48	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0	
TOTAL %	1.2	5.9	9.2	6.7	4.1	6.6	6.4	7.7	12.3	19.2	9.4	6.0	5.4	100.0	
TOTAL N	136	660	1028	756	455	740	721	860	1386	2156	1058	673	602	11231	

(* < 0.05%)

STATION: ROAM4

3 - PERCENT FREQUENCY OF AVERAGE WIND SPEED(KNOTS) VS AVERAGE WIND DIRECTION(TENS OF DEGREES)

Month: SEP

WIND SPEED	CALM	WIND DIRECTION												TOT %	TOT N
		35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
0	0.6	-	*	*	*	*	*	*	*	*	*	*	*	0.8	87
1 - 3		0.3	0.5	0.5	0.3	0.4	0.4	0.3	0.4	0.4	0.4	0.4	0.3	4.6	512
4 - 6		0.9	1.1	1.1	0.9	0.5	0.6	0.8	1.1	1.0	0.9	0.6	0.7	10.2	1131
7 - 10		1.8	2.0	2.5	1.4	0.9	1.0	1.6	2.4	2.5	1.5	1.4	1.3	20.3	2254
11 - 15		2.5	2.2	1.9	1.3	1.7	1.2	1.7	3.3	4.6	2.6	1.5	2.0	26.5	2942
16 - 20		1.8	1.7	1.1	0.7	1.1	1.1	1.6	2.9	4.4	1.8	1.4	1.6	21.1	2342
21 - 24		0.7	1.1	0.4	0.2	0.6	0.6	0.9	1.1	2.0	0.8	0.5	0.7	9.5	1060
25 - 33		0.5	1.0	0.1	0.1	0.4	0.2	0.7	0.6	1.2	0.5	0.3	0.5	6.3	701
34 - 47		*	0.2	-	0.1	-	-	*	0.1	0.1	*	*	0.1	0.6	71
> 48		-	-	-	-	-	-	-	-	*	-	-	-	0.0	1
TOTAL %	0.6	8.4	9.9	7.7	5.0	5.6	5.1	7.5	12.1	16.3	8.7	6.0	7.2	100.0	
TOTAL N	65	933	1097	851	558	622	566	835	1338	1805	964	669	798		11101

(* < 0.05%)

STATION: ROAM4

3 - PERCENT FREQUENCY OF AVERAGE WIND SPEED(KNOTS) VS AVERAGE WIND DIRECTION(TENS OF DEGREES)

Month: OCT

WIND SPEED	CALM	WIND DIRECTION												TOT %	TOT N
		35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
0	0.6	-	-	*	*	*	*	*	*	*	*	*	*	0.8	93
1 - 3		0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.2	0.2	0.3	3.9	468
4 - 6		0.6	0.8	0.7	0.8	0.5	0.5	0.7	0.9	0.7	0.6	0.4	0.6	7.8	929
7 - 10		1.2	1.1	1.6	1.4	1.0	1.1	1.4	2.0	1.6	1.1	1.1	1.1	15.6	1854
11 - 15		2.3	1.6	1.7	1.3	1.5	1.5	1.1	2.5	3.2	2.2	2.0	2.0	22.9	2712
16 - 20		2.1	1.7	1.2	1.1	1.5	1.2	1.8	2.2	3.7	2.6	2.1	2.4	23.6	2795
21 - 24		1.1	1.2	0.4	0.4	1.0	0.6	1.0	1.2	2.0	1.1	1.2	1.4	12.5	1484
25 - 33		1.3	1.0	0.4	0.3	0.7	0.6	0.6	0.9	1.8	0.7	1.0	1.5	10.9	1291
34 - 47		0.4	0.4	*	0.1	0.1	*	*	0.1	0.3	0.1	0.1	0.3	2.0	239
> 48		-	*	-	-	-	-	-	-	-	-	-	-	0.0	1
TOTAL %	0.6	9.3	8.2	6.3	5.8	6.6	5.9	6.9	10.2	13.6	8.5	8.1	9.8	100.0	
TOTAL N	76	1103	978	752	683	789	702	822	1210	1613	1013	964	1161		11866

(* < 0.05%)

STATION: ROAM4

3 - PERCENT FREQUENCY OF AVERAGE WIND SPEED(KNOTS) VS AVERAGE WIND DIRECTION(TENS OF DEGREES)

Month: NOV

WIND SPEED	CALM	WIND DIRECTION												TOT %	TOT N
		35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
0	0.4	-	-	*	*	*	*	*	*	*	*	*	*	0.5	66
1 - 3		0.3	0.2	0.3	0.3	0.2	0.1	0.2	0.2	0.2	0.1	0.2	0.3	2.4	312
4 - 6		0.6	0.5	0.5	0.5	0.4	0.2	0.4	0.5	0.4	0.4	0.5	0.5	5.5	702
7 - 10		2.0	1.0	1.2	1.4	0.6	0.6	0.8	1.1	1.4	1.3	1.3	1.6	14.2	1821
11 - 15		3.3	1.7	2.1	1.4	0.8	1.0	1.2	2.1	2.3	1.8	2.4	3.6	23.9	3057
16 - 20		3.5	1.4	1.6	1.0	1.4	0.8	1.6	1.8	2.5	1.7	2.3	3.6	23.4	2987
21 - 24		2.2	0.9	0.7	0.4	0.8	0.5	0.8	1.4	1.6	1.1	1.4	2.1	13.9	1773
25 - 33		1.7	1.1	0.8	0.5	0.7	0.4	0.5	1.2	2.2	1.3	1.4	1.5	13.3	1698
34 - 47		0.2	0.6	0.2	0.1	0.1	-	*	0.1	0.7	0.5	0.2	0.2	2.8	362
> 48		-	-	-	-	*	-	-	*	*	-	-	-	0.1	8
TOTAL %	0.4	13.7	7.4	7.4	5.5	5.0	3.7	5.6	8.3	11.4	8.3	9.8	13.5	100.0	
TOTAL N	52	1755	947	941	705	640	473	713	1067	1459	1059	1254	1721		12786

(* < 0.05%)

STATION: ROAM4

3 - PERCENT FREQUENCY OF AVERAGE WIND SPEED(KNOTS) VS AVERAGE WIND DIRECTION(TENS OF DEGREES)

Month: DEC

WIND SPEED	CALM	WIND DIRECTION												TOT %	TOT N
		35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
0	0.2	*	*	-	*	-	*	*	-	-	*	*	*	0.3	36
1 - 3		0.3	0.2	0.2	0.3	0.2	0.1	0.1	0.1	0.2	0.1	0.2	0.1	2.0	226
4 - 6		0.7	0.3	0.4	0.5	0.2	0.2	0.2	0.4	0.3	0.4	0.6	0.7	4.8	542
7 - 10		1.8	0.9	0.9	0.9	0.5	0.4	0.6	0.7	0.7	1.2	1.7	2.3	12.6	1421
11 - 15		4.9	1.4	1.4	0.9	0.5	0.6	1.0	1.3	2.0	2.4	3.8	4.6	24.9	2804
16 - 20		5.1	2.1	0.8	0.3	0.5	0.9	1.2	1.7	2.9	2.2	3.1	5.1	25.9	2924
21 - 24		2.2	1.0	0.3	0.1	0.3	0.6	0.7	1.3	2.5	1.5	1.9	2.6	14.9	1678
25 - 33		1.4	1.0	0.3	-	0.3	0.4	0.4	1.5	2.8	1.2	0.8	2.1	12.3	1389
34 - 47		0.3	0.2	0.2	-	*	*	0.1	0.2	0.8	0.3	*	0.1	2.3	259
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.2	16.7	7.1	4.6	3.0	2.3	3.3	4.2	7.1	12.2	9.5	12.2	17.5	100.0	
TOTAL N	25	1886	802	515	339	264	373	475	799	1380	1071	1377	1973		11279

(* < 0.05%)

STATION: ROAM4

3 - PERCENT FREQUENCY OF AVERAGE WIND SPEED(KNOTS) VS AVERAGE WIND DIRECTION(TENS OF DEGREES)

All Months: Annual

WIND SPEED	CALM	WIND DIRECTION												TOT %	TOT N	
		35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34			
0	0.8	*	*	*	*	*	*	*	*	*	*	*	*	*	1.0	1266
1 - 3		0.4	0.5	0.5	0.5	0.4	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.4	5.0	6340
4 - 6		0.8	1.2	1.1	0.9	0.6	0.6	0.8	1.0	0.9	0.8	0.7	0.7	10.1	12796	
7 - 10		1.5	2.3	2.2	1.3	0.9	1.2	1.4	2.0	2.0	1.5	1.3	1.3	18.9	23902	
11 - 15		2.4	2.8	2.4	1.2	1.2	1.1	1.2	2.3	3.4	2.4	2.0	2.2	24.4	30886	
16 - 20		2.2	2.4	1.5	0.7	1.0	0.8	0.9	1.7	3.6	2.0	1.6	2.2	20.6	26051	
21 - 24		1.1	1.3	0.6	0.3	0.5	0.4	0.5	0.8	2.1	1.0	0.8	1.1	10.5	13327	
25 - 33		0.9	1.1	0.5	0.2	0.4	0.3	0.4	0.7	1.7	0.7	0.5	0.8	8.2	10394	
34 - 47		0.2	0.3	0.1	*	*	*	*	0.1	0.3	0.1	0.1	0.1	1.2	1574	
> 48		*	*	-	*	*	-	-	*	*	-	-	*	0.0	17	
TOTAL %	0.8	9.5	12.0	8.9	5.1	5.0	4.7	5.6	9.0	14.5	9.0	7.3	8.8	100.0		
TOTAL N	990	11984	15186	11281	6464	6265	5982	7034	11355	18338	11332	9176	11166		126553	

(* < 0.05%)

STATION: ROAM4

3 - PERCENT FREQUENCY OF AVERAGE WIND SPEED(KNOTS) VS AVERAGE WIND DIRECTION(TENS OF DEGREES)

Months: DEC, JAN, FEB (Winter)

WIND SPEED	CALM	WIND DIRECTION												TOT %	TOT N
		35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
0	0.4	*	*	*	*	*	*	*	*	*	*	*	*	0.5	144
1 - 3		0.3	0.2	0.2	0.3	0.2	0.1	0.1	0.1	0.2	0.2	0.3	0.2	2.5	691
4 - 6		0.8	0.6	0.5	0.5	0.2	0.2	0.3	0.4	0.3	0.4	0.6	0.8	5.7	1583
7 - 10		2.0	1.5	1.4	1.1	0.5	0.5	0.6	0.9	0.9	1.2	1.8	2.0	14.4	4002
11 - 15		4.3	2.3	1.6	1.0	0.6	0.7	1.0	1.4	2.0	2.5	3.3	4.2	24.8	6905
16 - 20		4.1	2.4	1.1	0.5	0.5	0.8	0.9	1.5	2.7	2.5	2.8	4.4	24.1	6706
21 - 24		1.9	1.5	0.6	0.2	0.3	0.5	0.5	1.0	2.3	1.5	1.6	2.1	14.0	3904
25 - 33		1.5	1.6	0.5	0.1	0.2	0.3	0.5	1.2	2.9	1.1	0.7	1.5	12.0	3346
34 - 47		0.3	0.5	0.1	-	*	*	*	0.2	0.6	0.2	0.1	0.1	2.1	593
> 48		-	*	-	-	-	-	-	-	-	-	-	-	0.0	1
TOTAL %	0.4	15.1	10.6	6.0	3.6	2.5	3.1	3.9	6.8	11.9	9.5	11.3	15.3	100.0	
TOTAL N	110	4212	2956	1670	994	689	863	1100	1902	3321	2660	3147	4251		27875

(* < 0.05%)

STATION: ROAM4

3 - PERCENT FREQUENCY OF AVERAGE WIND SPEED(KNOTS) VS AVERAGE WIND DIRECTION(TENS OF DEGREES)

Months: MAR, APR, MAY (Spring)

WIND SPEED	CALM	WIND DIRECTION												TOT %	TOT N
		35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
0	1.0	*	*	*	0.1	*	*	*	*	*	*	*	*	1.4	389
1 - 3		0.5	0.6	0.7	0.6	0.5	0.5	0.5	0.5	0.5	0.4	0.5	0.4	6.0	1713
4 - 6		0.8	1.6	1.7	1.2	0.7	0.8	0.9	1.1	1.0	0.7	0.6	0.8	12.0	3444
7 - 10		1.0	3.2	3.1	1.6	1.0	1.4	1.5	2.2	1.9	1.5	0.9	0.9	20.2	5780
11 - 15		1.7	4.0	3.8	1.7	1.3	1.3	1.1	2.2	3.1	1.9	1.2	1.1	24.4	6998
16 - 20		1.7	3.8	2.6	1.1	1.1	0.6	0.5	1.2	2.9	1.4	0.9	1.2	19.0	5428
21 - 24		1.1	1.9	0.9	0.5	0.6	0.2	0.2	0.4	1.5	0.6	0.4	0.8	9.0	2584
25 - 33		0.9	1.8	0.7	0.3	0.4	0.2	0.2	0.4	1.1	0.4	0.4	0.6	7.2	2050
34 - 47		0.1	0.3	0.1	*	0.1	*	*	*	0.1	*	*	0.1	0.9	250
> 48		*	*	-	*	-	-	-	-	*	-	-	-	0.0	4
TOTAL %	1.0	7.8	17.3	13.5	7.1	5.7	5.0	4.9	7.9	12.2	6.9	4.9	5.8	100.0	
TOTAL N	293	2235	4942	3864	2034	1630	1445	1406	2264	3485	1990	1390	1662		28640

(* < 0.05%)

STATION: ROAM4

3 - PERCENT FREQUENCY OF AVERAGE WIND SPEED(KNOTS) VS AVERAGE WIND DIRECTION(TENS OF DEGREES)

Months: JUN, JUL, AUG (Summer)

WIND SPEED	CALM	WIND DIRECTION												TOT %	TOT N
		35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
0	1.1	*	*	*	*	*	*	*	*	*	*	*	*	1.4	487
1 - 3		0.7	0.9	0.7	0.7	0.6	0.5	0.7	0.6	0.7	0.7	0.5	0.5	7.7	2644
4 - 6		1.0	1.7	1.5	1.1	0.9	1.0	1.2	1.6	1.6	1.2	0.9	0.8	14.6	5007
7 - 10		1.2	3.1	2.6	1.2	1.2	1.8	2.1	3.1	3.3	2.1	1.2	1.0	23.9	8191
11 - 15		1.0	3.2	2.5	0.7	1.4	1.3	1.2	2.7	4.7	2.8	1.4	1.1	24.1	8272
16 - 20		0.7	2.2	1.2	0.4	0.8	0.6	0.5	1.5	5.1	2.2	0.7	0.8	16.9	5793
21 - 24		0.3	0.9	0.5	0.2	0.3	0.2	0.3	0.5	2.7	1.0	0.2	0.2	7.4	2522
25 - 33		0.1	0.3	0.3	0.1	0.3	0.2	0.2	0.3	1.3	0.5	0.1	0.1	3.8	1308
34 - 47		*	*	*	*	*	*	*	*	*	*	*	*	0.2	59
> 48		-	-	-	-	*	-	-	-	-	-	-	*	0.0	2
TOTAL %	1.1	5.1	12.4	9.3	4.3	5.5	5.6	6.3	10.4	19.4	10.6	5.1	4.6	100.0	
TOTAL N	394	1746	4266	3203	1490	1895	1933	2158	3574	6655	3646	1752	1573		34285

(* < 0.05%)

STATION: ROAM4

3 - PERCENT FREQUENCY OF AVERAGE WIND SPEED(KNOTS) VS AVERAGE WIND DIRECTION(TENS OF DEGREES)

Months: SEP, OCT, NOV (Autumn)

WIND SPEED	WIND DIRECTION													TOT %	TOT N
	CALM	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
0	0.5	-	*	*	*	*	*	*	*	*	*	*	*	0.7	246
1 - 3		0.3	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.3	0.3	3.6	1292
4 - 6		0.7	0.8	0.8	0.7	0.4	0.4	0.6	0.8	0.7	0.6	0.5	0.6	7.7	2762
7 - 10		1.7	1.3	1.7	1.4	0.8	0.9	1.2	1.8	1.8	1.3	1.2	1.4	16.6	5929
11 - 15		2.7	1.8	1.9	1.3	1.3	1.2	1.3	2.6	3.3	2.2	2.0	2.6	24.4	8711
16 - 20		2.5	1.6	1.3	0.9	1.3	1.1	1.7	2.3	3.5	2.0	1.9	2.6	22.7	8124
21 - 24		1.3	1.0	0.5	0.3	0.8	0.6	0.9	1.3	1.8	1.0	1.0	1.4	12.1	4317
25 - 33		1.2	1.1	0.5	0.3	0.6	0.4	0.6	0.9	1.8	0.8	0.9	1.2	10.3	3690
34 - 47		0.2	0.4	0.1	0.1	*	*	*	0.1	0.4	0.2	0.1	0.2	1.9	672
> 48		-	*	-	-	*	-	-	*	*	-	-	-	0.0	10
TOTAL %	0.5	10.6	8.5	7.1	5.4	5.7	4.9	6.6	10.1	13.6	8.5	8.1	10.3	100.0	
TOTAL N	193	3791	3022	2544	1946	2051	1741	2370	3615	4877	3036	2887	3680		35753

(* < 0.05%)

Summary complete: 09-Sep-2003 03:52:25