

STATION: 51002

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

ELEMENT: AIR TEMPERATURE (DEGREES C) -- POR: (9/1984 - 12/2001) (126802 RECORDS, 96.8% 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
30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	#
29	-	-	-	-	-	-	-	-	24	#	-	-	-	-	7	#	3	#	-	-	-	-	-	-	34	#
28	-	-	-	-	-	-	-	-	76	998	-	-	4	#	107	999	862	999	767	#	19	#	-	-	1835	999
27	15	#	-	-	-	-	15	#	422	990	562	#	1933	999	3791	987	4257	915	5196	942	2146	998	98	#	18435	985
26	547	999	147	#	333	#	572	998	1359	949	3204	935	4680	798	3950	554	4285	496	6104	547	6910	829	2286	992	34377	840
25	3826	951	2142	985	2526	967	3336	941	5033	817	3996	563	2742	311	835	102	685	73	959	83	3109	283	6860	810	36049	569
24	5767	615	5273	759	5798	720	5150	604	2969	329	787	98	232	26	56	7	55	6	110	10	418	37	2848	262	29463	284
23	1106	109	1645	204	1399	153	740	85	365	41	58	7	17	2	5	1	6	1	15	2	50	4	367	34	5773	52
22	127	12	255	31	132	16	94	11	49	5	1	*	-	-	-	-	-	-	5	*	4	*	49	5	716	7
21	14	1	31	4	29	3	11	1	7	1	-	-	-	-	-	-	-	-	-	-	-	-	8	1	100	1
20	-	-	10	1	3	*	1	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	*	19	*
19	-	-	1	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	*
MEAN	24.3		24.0		24.1		24.3		24.8		25.3		25.8		26.3		26.5		26.4		25.8		24.8		25.2	
S.D.	0.7		0.7		0.7		0.7		0.9		0.7		0.7		0.6		0.7		0.7		0.7		0.7		1.2	
TOTAL	11402		9504		10220		9919		10304		8608		9608		8751		10153		13156		12656		12521		126802	
MAX	27.0		26.3		26.2		26.7		29.4		27.2		27.5		29.2		29.0		28.4		28.2		27.0		29.4	
DATE	1996010300	1986022404	1997031604	1987042504	2000052321	1997060103	1996073003	1993081904	1987092304	1993100403	1992110123	1995120903	2000052321													
MIN	20.6		19.2		20.1		20.1		20.9		22.3		22.5		22.6		22.6		22.0		22.0		19.5		19.2	
DATE	1996012620	1989021203	2001031918	1989040802	1987050218	1999060107	1991070919	1999080212	1998092813	1985101817	1993112418	1984122621	1989021203													

(* < 0.05% , # = 100.0%)

STATION: 51002

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

ELEMENT: SEA TEMPERATURE (DEGREES C) -- POR: (9/1984 - 12/2001) (115975 RECORDS, 88.5% 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
30	-	-	-	-	-	-	-	-	1	#	-	-	-	-	-	-	4	#	2	#	-	-	-	-	7	#
29	-	-	-	-	-	-	-	-	7	999	-	-	-	-	12	#	63	999	32	999	2	#	-	-	116	999
28	2	#	3	#	3	#	3	#	34	999	-	-	10	#	535	998	3857	993	3372	997	140	999	1	#	7960	999
27	128	999	22	999	54	999	55	999	997	995	1675	#	3197	999	5146	931	4213	584	6885	726	6913	988	706	999	29991	930
26	2829	987	1353	997	1715	994	2292	994	3127	885	3892	788	5192	639	2225	281	1298	138	2118	171	4873	409	6342	940	37256	672
25	5723	712	4780	832	4852	804	5207	744	4323	538	2276	294	481	54	-	-	-	-	-	-	9	1	4689	402	32340	350
24	1595	155	2066	251	2405	266	1475	177	516	58	46	6	-	-	-	-	-	-	-	-	-	-	43	4	8146	72
23	-	-	-	-	-	-	154	17	5	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	159	1
22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	*
MEAN	25.2		24.9		24.9		25.0		25.4		25.9		26.3		26.7		27.2		27.1		26.5		25.6		25.9	
S.D.	0.6		0.5		0.6		0.7		0.8		0.6		0.5		0.5		0.6		0.6		0.5		0.5		1.0	
TOTAL	10277		8224		9029		9186		9010		7889		8880		7918		9435		12409		11937		11781		115975	
MAX	27.6		27.7		28.2		27.9		29.7		27.4		27.8		28.9		29.9		29.5		29.0		27.7		29.9	
DATE	1996010303	1986022401	1986030202	1987042601	2000050800	1996061002	1987072301	1993081904	1987092304	1988101801	1989110203	1989120103	1987092304													
MIN	23.7		23.7		23.7		23.0		22.6		24.2		25.2		25.6		25.8		25.7		25.4		24.4		22.6	
DATE	1995012718	2000020202	1985033019	1985041720	2000050523	1985060813	1999071418	1999081017	1999093022	1999100315	2000113019	1994123123	2000050523													

(* < 0.05% , # = 100.0%)

STATION: 51002

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

ELEMENT: AIR - SEA TEMPERATURE (DEGREES C) -- POR: (9/1984 - 12/2001) (112518 RECORDS, 85.9% 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	
3	-	-	-	-	-	-	14	#	2	#	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16	#
2	-	-	-	-	-	-	9	998	1	999	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10	999
1	3	#	15	#	2	#	11	997	15	999	33	#	62	#	38	#	5	#	-	-	2	#	5	#	191	999	
0	2459	999	1828	998	1985	999	2394	996	2599	998	2719	995	4174	992	4013	995	2923	999	4158	#	3671	999	3355	999	36278	998	
-1	6440	760	4616	774	5964	773	5346	714	5005	683	4117	616	3660	479	3470	477	5964	690	7481	665	7058	692	7043	715	66164	676	
-2	1141	134	1432	207	700	90	607	84	563	78	263	42	210	29	200	29	455	57	634	62	1003	101	1174	117	8382	88	
-3	208	23	179	31	75	10	90	13	76	10	38	5	25	3	22	3	83	9	111	11	182	17	165	17	1254	13	
-4	24	3	65	9	11	1	19	2	5	1	-	-	1	*	1	*	3	*	24	2	16	1	29	3	198	2	
-5	2	*	8	1	1	*	1	*	-	-	-	-	-	-	-	-	-	-	1	*	1	*	10	1	24	*	
-6	-	-	1	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	*	
MEAN	-0.9		-1.0		-0.8		-0.8		-0.7		-0.6		-0.5		-0.5		-0.7		-0.7		-0.8		-0.8		-0.7		
S.D.	0.6		0.7		0.5		0.6		0.5		0.5		0.4		0.4		0.5		0.5		0.6		0.6		0.6		

[illegible]

[illegible]

[illegible]

41	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	#	1	#		
40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999		
39	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	999	1	999		
38	-	-	1	#	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	#	3	999	5	999
37	2	#	1	998	-	-	1	#	-	-	-	-	-	-	-	-	-	-	-	-	-	2	999	6	997	12	999
36	1	997	-	-	1	#	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	993	9	999	
35	1	996	4	997	-	-	3	999	-	-	-	-	-	1	#	-	-	1	#	2	998	7	988	19	998		
34	7	995	8	991	3	999	6	994	-	-	-	-	-	2	999	-	-	1	999	4	997	15	983	46	996		
33	9	985	11	979	2	995	13	986	-	-	-	-	1	#	1	998	-	-	4	999	13	994	47	973	101	993	
32	18	973	12	962	3	992	9	968	-	-	-	-	2	999	3	997	1	#	4	996	29	985	49	941	130	985	
31	13	949	18	944	9	988	17	955	-	-	-	-	4	998	10	995	1	999	6	993	38	964	64	908	180	975	
30	26	931	19	917	10	976	22	931	-	-	-	-	5	995	15	988	2	999	28	989	48	938	80	865	255	962	
29	25	896	12	889	11	962	30	900	1	#	1	#	5	992	28	978	8	997	32	970	40	904	71	811	264	942	
28	27	862	13	871	10	947	65	858	2	999	1	999	20	988	29	958	12	991	54	948	57	876	71	763	361	922	
27	46	826	18	851	22	933	58	766	3	996	7	998	38	974	58	938	17	983	58	911	68	836	72	715	465	895	
26	64	764	35	824	35	903	89	685	12	992	15	991	47	948	105	898	37	970	104	871	87	789	86	667	716	860	
25	75	677	45	772	52	856	107	559	11	976	34	975	81	916	122	824	50	943	103	800	94	728	79	609	853	806	
24	57	576	39	704	53	785	63	408	23	961	54	940	113	860	147	739	61	907	122	729	114	662	69	555	915	741	
23	55	499	42	646	66	713	67	320	46	929	78	884	171	782	181	637	103	863	134	645	131	582	65	509	1139	671	
22	50	425	53	583	72	623	50	225	64	867	67	804	188	664	170	511	108	788	142	553	115	491	64	465	1143	585	
21	45	358	55	503	63	525	38	155	68	780	81	735	202	534	146	392	154	710	124	456	88	410	62	422	1126	498	
20	27	297	67	420	43	439	21	101	72	688	106	651	193	395	123	291	128	598	92	371	97	348	72	380	1041	413	
19	33	260	67	320	44	381	24	72	120	590	157	541	181	262	128	205	155	505	93	308	76	281	101	331	1179	334	
18	19	216	48	219	24	321	7	38	81	427	113	379	110	137	46	116	125	393	88	244	61	227	60	263	782	245	
17	13	190	14	147	41	288	11	28	65	317	72	262	50	61	31	84	93	302	75	184	66	185	42	223	573	185	
16	17	173	15	126	37	233	8	13	48	228	59	188	12	26	12	62	86	235	55	132	45	139	49	194	443	142	
15	25	150	12	104	31	182	1	1	53	163	36	127	2	18	19	54	62	173	43	95	39	107	46	161	369	108	
14	11	116	6	86	19	140	-	-	31	91	20	90	1	17	11	40	48	128	24	65	25	80	24	130	220	80	
13	6	101	6	77	18	114	-	-	26	49	15	69	1	16	10	33	27	93	15	49	14	62	27	114	165	64	
12	6	93	15	68	26	90	-	-	9	14	6	54	2	15	12	26	38	73	21	38	22	52	30	96	187	51	
11	1	85	6	45	15	54	-	-	-	-	8	48	5	14	6	17	19	46	11	24	10	37	22	76	103	37	
10	8	84	11	36	14	34	-	-	1	1	11	39	-	-	12	13	20	32	11	16	6	30	21	61	115	29	
9	11	73	8	20	9	15	-	-	-	-	8	28	1	10	6	5	11	17	6	9	6	26	9	47	75	20	
8	7	58	4	8	2	3	-	-	-	-	5	20	4	10	1	1	5	9	3	5	3	22	15	40	49	15	
7	8	49	-	-	-	-	-	-	-	-	4	14	-	-	-	-	3	6	1	3	7	20	17	30	40	11	
6	7	38	1	2	-	-	-	-	-	-	3	10	1	7	-	-	2	4	3	2	7	15	9	19	33	8	
5	9	28	-	-	-	-	-	-	-	-	4	7	3	6	-	-	3	2	-	-	12	10	15	13	46	6	
4	11	16	-	-	-	-	-	-	-	-	1	3	3	4	-	-	-	-	-	-	1	1	4	3	20	2	
3	1	1	-	-	-	-	-	-	-	-	1	2	3	2	-	-	-	-	-	-	1	1	-	-	6	1	
2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	*	
1	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	1	*	
0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	*	
MEAN	22.2		21.9		20.4		25.0		18.9		19.1		21.3		22.2		19.2		21.5		22.2		22.6		21.4		
S.D.	6.6		5.5		5.1		3.6		3.2		3.9		3.3		3.8		4.2		4.6		5.5		7.1		5.1		
TOTAL	741		666		735		710		736		968		1449		1435		1379		1458		1429		1482		13188		
MAX	37.1		37.9		36.0		36.7		28.8		28.6		32.9		35.2		31.9		34.6		37.5		41.4		41.4		
DATE	2001012311	2001021519	2001031020	2001041113	2001050818	2001061019	2000072610	2000082219	2001092312	2001102909	2000111812	2001121216	2001121216														
MIN	3.3		6.4		8.2		15.0		10.1		0.8		2.5		8.2		4.5		5.6		2.9		3.5		0.8		
DATE	2001010206	2001020703	2001031920	2001041700	2001050614	2000062021	2000073117	2000080121	2000092815	2001102811	2000110305	2001122708	2000062021														
(* < 0.05% , # = 100.0%)																											

(* < 0.05% , # = 100.0%)

STATION: 51002

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

ELEMENT: SIGNIFICANT WAVE HEIGHT (METERS) -- POR: (9/1984 - 12/2001) (127063 RECORDS, 97.0% 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
9.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	#
8.5	-	-	-	-	-	-	-	-	-	-	-	-	1	#	-	-	-	-	-	-	-	-	-	-	1	#
8.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999
7.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999
7.0	-	-	-	-	-	-	-	-	-	-	-	-	1	999	-	-	-	-	-	-	-	-	-	-	1	999
6.5	-	-	-	-	-	-	-	-	-	-	-	-	1	999	-	-	-	-	-	-	-	-	-	-	1	999
6.0	-	-	12	#	7	#	-	-	-	-	-	-	3	999	-	-	2	#	-	-	-	-	5	#	29	999
5.5	28	#	20	999	21	999	-	-	-	-	-	-	1	999	5	#	4	999	-	-	2	#	41	999	122	999
5.0	57	998	83	997	115	997	-	-	-	-	-	-	7	999	4	999	8	999	-	-	48	999	246	996	568	999
4.5	206	993	148	988	236	986	54	#	-	-	-	-	14	999	5	999	14	999	4	#	195	996	539	977	1415	994
4.0	611	974	424	973	496	962	281	995	1	#	-	-	50	997	15	998	25	997	34	999	503	981	888	933	3328	983
3.5	1603	921	1112	929	1293	912	797	966	182	999	31	#	150	992	151	997	57	995	254	997	1284	941	1677	862	8591	957
3.0	2770	780	2085	813	2496	782	2167	885	912	982	541	996	615	978	956	980	375	989	1176	978	2852	839	3025	728	19970	889
2.5	3356	536	2829	596	2565	531	3056	666	2906	893	2594	934	2982	918	2495	871	2165	952	3839	888	3848	613	3204	486	35839	732
2.0	2056	241	2291	302	1937	273	2426	356	3653	609	4151	637	5004	626	3559	588	4431	737	5260	595	3219	308	2322	230	40309	450
1.5	639	60	597	63	750	78	1078	111	1867	251	1345	161	1389	137	1599	184	2658	296	2500	193	654	53	539	44	15615	133
1.0	45	4	10	1	25	3	11	1	129	68	64	7	12	1	22	2	325	32	30	2	18	1	10	1	701	10
0.5	-	-	-	-	-	-	-	-	13	56	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13	5
0.0	-	-	-	-	-	-	2	*	557	55	-	-	-	-	-	-	1	*	-	-	-	-	-	-	560	4
MEAN		2.7		2.7		2.7		2.5		2.0		2.1		2.2		2.2		2.0		2.2		2.6		2.9		2.4
S.D.		0.7		0.7		0.7		0.6		0.7		0.4		0.4		0.5		0.5		0.5		0.6		0.8		0.7
TOTAL		11371		9611		9941		9872		10220		8726		10230		8811		10065		13097		12623		12496		127063

MAX 5.7 6.2 6.0 4.7 3.9 3.6 8.6 5.7 6.0 4.3 5.3 6.2 8.6
DATE 1996011118 1990020815 1994031619 2000040419 1985051110 1997063023 1994072209 1999081614 1992091110 1997102900 1996111512 1998120523 1994072209
MIN 1.0 1.1 1.1 0.0 0.0 1.1 1.1 1.1 0.0 1.1 1.1 1.2 0.0
DATE 1999010608 1995021419 1986030110 2000042309 2000053123 1995062807 1991070202 1993082000 1999092008 1991100106 1989113017 1989120100 2000053123
(* < 0.05% , # = 100.0%)

STATION: 51002

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

ELEMENT: AVERAGE WAVE PERIOD (SECONDS) -- POR: (9/1984 - 12/2001) (127052 RECORDS, 96.9% 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	
20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	#	
19	-	-	-	-	-	-	-	-	3	#	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	#	
18	-	-	-	-	-	-	-	-	3	999	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	999	
17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999	
16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999	
15	-	-	5	#	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	999	
14	6	#	3	999	1	#	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	#	11	999	
13	36	999	9	999	2	999	-	-	1	999	-	-	-	-	-	-	-	-	-	-	1	#	6	999	55	999	
12	97	996	40	998	11	999	-	-	1	999	-	-	-	-	3	#	4	#	1	#	16	999	28	999	201	999	
11	230	988	149	994	36	999	3	#	2	999	-	-	-	-	1	999	11	999	7	999	24	999	121	997	584	998	
10	468	968	359	979	99	995	36	999	17	999	-	-	-	-	9	999	49	999	11	999	89	997	274	988	1411	993	
9	929	926	863	941	300	985	104	996	118	997	-	-	-	-	24	999	155	994	58	999	239	990	552	966	3342	982	
8	1800	845	1566	851	975	955	375	986	418	986	29	#	36	#	105	996	546	978	284	994	1006	971	1280	921	8420	956	
7	3781	686	3207	688	3763	857	2568	948	1451	945	302	997	670	996	788	984	1455	924	1878	972	3473	891	4759	819	28095	890	
6	3627	354	3170	355	4403	478	6037	687	6380	803	6448	962	6851	931	5672	894	5636	779	8317	829	6925	616	5046	438	68512	668	
5	390	35	240	25	351	35	747	76	1264	178	1947	223	2673	261	2195	251	2161	219	2541	194	850	67	429	34	15788	129	
4	7	1	-	-	-	-	-	-	-	-	-	-	-	-	14	2	47	5	-	-	-	-	-	-	68	5	
3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	4	
2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	4	
1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	4	
0	-	-	-	-	-	-	2	*	551	54	-	-	-	-	-	-	1	*	-	-	-	-	-	-	554	4	
MEAN	7.2		7.1		6.6		6.2		5.8		5.7		5.7		5.8		6.0		6.0		6.4		6.8		6.3		
S.D.	1.4		1.3		0.9		0.7		1.6		0.4		0.5		0.6		0.9		0.6		0.9		1.1		1.1		
TOTAL	11371		9611		9941		9872		10209		8726		10230		8811		10065		13097		12623		12496		127052		
MAX	14.1		15.0		13.8		10.8		19.4		8.4		8.2		11.9		11.9		11.5		12.8		13.6		19.4		
DATE	1999010118		1986022323		1986030505		1992042621		2000050710		1987060312		1994072209		1998082703		1995092220		1991101402		1989110314		1986120918		2000050710		
MIN	4.3		4.6		4.8		0.0		0.0		4.7		4.5		4.3		0.0		4.6		4.5		4.6		0.0		
DATE	1985012602		1992021407		1998030419		2000042309		2000053123		1994062011		1992070112		1996082401		1999092008		1995103122		1995110106		1988122012		2000053123		
(* < 0.05% , # = 100.0%)																											

STATION: 51002

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

ELEMENT: DOMINANT WAVE PERIOD (SECONDS) -- POR: (9/1984 - 12/2001) (127059 RECORDS, 96.9% 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
34	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	#
33	-	-	-	-	-	-	-	-	18	#	-	-	-	-	-	-	-	-	-	-	-	-	-	-	18	#
32	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999
31	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999
30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999
29	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999
28	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999
27	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999
26	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999
25	13	#	3	#	4	#	1	#	1	998	1	#	-	-	3	#	1	#	-	-	5	#	19	#	51	999
24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999
23	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999
22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999
21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999
20	342	999	246	999	154	999	30	999	36	998	10	999	15	#	31	999	79	999	70	#	91	999	272	998	1376	999
19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	989
18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	989
17	1326	969	902	974	602	984	221	997	368	995	269	999	306	999	188	996	439	992	424	995	513	992	1051	977	6609	989
16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	937
15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	937
14	2444	852	1839	880	1268	924	555	974	694	959	490	968	507	969	419	975	883	948	1037	962	1368	952	1640	893	13144	937
13	1265	637	1228	689	1043	796	382	918	412	891	198	912	387	919	452	927	772	861	1086	883	917	843	1090	761	9232	833
12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	761
11	963	526	822	561	807	691	344	880	314	850	88	889	315	881	390	876	833	784	617	800	742	771	1145	674	7380	761
10	1616	441	1567	476	1415	610	1746	845	824	820	244	879	557	850	513	832	822	701	869	753	1860	712	2616	583	14649	702
9	1580	299	1718	312	2240	468	3386	668	2356	739	1453	851	1596	796	1723	773	1377	620	2387	687	3066	565	2512	373	25394	587

8	1447	160	973	134	2033	242	2661	325	3390	509	4175	685	4139	640	3648	578	3171	483	4808	504	3396	322	1836	172	35677	387
7	267	33	222	32	291	38	445	55	1024	177	1403	206	1900	235	1080	164	1218	168	1460	137	552	53	234	25	10096	106
6	94	9	79	9	79	8	95	10	224	77	377	45	488	50	333	41	411	47	328	26	111	9	67	6	2686	27
5	14	1	11	1	5	1	3	1	8	55	18	2	20	2	30	3	52	6	11	1	2	*	14	1	188	6
4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	1	-	-	-	-	-	-	5	4
3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	4
2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	4
1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	4
0	-	-	-	-	-	-	2	*	551	54	-	-	-	-	-	-	1	*	-	-	-	-	-	-	554	4
MEAN		11.9		11.7		10.8		9.6		9.0		8.8		8.9		9.1		9.7		9.6		10.2		11.2		10.1
S.D.		3.2		3.1		2.9		2.1		3.4		2.3		2.4		2.3		2.9		2.6		2.6		3.0		3.0
TOTAL		11371		9610		9941		9871		10220		8726		10230		8810		10064		13097		12623		12496		127059
MAX		25.0		25.0		25.0		25.0		33.3		25.0		20.0		25.0		25.0		20.0		25.0		25.0		33.3
DATE	1998012901		1986022314		2000032417		1997042420		2000051018		1999063010		1996072316		1998082703		1997092400		2000102310		1989110218		1999122513		2000051018	
MIN		4.5		4.5		5.0		0.0		0.0		5.0		5.0		4.5		0.0		5.3		5.3		4.8		0.0
DATE	1991012716		1995021406		1989031312		2000042309		2000053123		1999062908		1995072106		1985080212		1999092008		2001102411		1996111221		1990120816		2000053123	

(* < 0.05% , # = 100.0%)

ELEMENT SUMMARY FOR STATION: 51002
(A) TOTAL STDMET RECORDS READ = 131058
(B) TOTAL CWINDD RECORDS READ = 83233
(C) TOTAL RECORDS USED IN STATS = 214291

	AIR TMP	SEA TMP	AIR-SEA	DEWPT	SLP	AVWS	PKGS-8M	PKGS-5S	SIGWVHT	AVWVPD	DWVPD	VSBY
(D) ELEMENT RECORDS AVAILABLE	126802	115975	112518	0	129909	126405	126327	13188	127063	127052	127059	0
(E) ELEMENT OUT OF RANGE	4256	15083	18540	131058	1149	4653	4731	70045	3995	4006	3999	131058

STATION: 51002 -- POR (9/1984 - 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
1984	MEAN	-	-	-	-	-	-	-	-	26.1	26.3	25.6	24.6	25.6
	MAXIMUM	-	-	-	-	-	-	-	-	26.9	27.3	26.6	25.7	27.3
	DAY-HR	-	-	-	-	-	-	-	-	28-21	07-03	01-02	09-20	OCT
	MINIMUM	-	-	-	-	-	-	-	-	22.9	24.5	22.7	19.5	19.5
	DAY-HR	-	-	-	-	-	-	-	-	08-22	31-09	12-16	26-21	DEC
	# OBS	-	-	-	-	-	-	-	-	576	742	714	743	2775
1985	MEAN	23.7	23.9	23.5	26.3	-	-	-	25.8	25.8	25.7	25.1	24.6	24.8
	MAXIMUM	25.2	24.9	24.8	26.7	-	-	-	27.1	27.0	26.7	26.7	26.1	27.1
	DAY-HR	11-02	13-03	02-03	08-02	-	-	-	08-07	26-03	21-03	20-03	23-03	AUG
	MINIMUM	21.5	21.3	20.5	25.7	-	-	-	23.7	23.2	22.0	22.1	21.7	20.5
	DAY-HR	30-18	08-13	17-18	07-12	-	-	-	28-17	04-17	18-17	27-17	25-16	MAR
	# OBS	742	669	451	23	-	-	-	574	718	743	717	744	5381
1986	MEAN	24.2	24.2	25.0	24.7	25.0	25.1	-	-	27.0	26.9	26.3	25.1	25.3
	MAXIMUM	25.8	26.3	26.2	25.5	26.0	25.4	-	-	28.0	27.8	27.4	26.1	28.0
	DAY-HR	26-04	24-04	07-03	11-01	28-04	02-04	-	-	24-03	01-02	11-02	13-03	SEP
	MINIMUM	21.8	20.3	22.3	21.7	22.6	24.7	-	-	24.3	23.3	24.0	22.4	20.3
	DAY-HR	27-06	16-12	24-11	28-13	23-16	02-20	-	-	27-23	30-12	30-11	27-15	FEB
	# OBS	744	669	740	719	739	46	-	-	296	741	705	744	6143
1987	MEAN	24.3	23.6	23.8	24.1	24.5	25.6	26.1	26.7	27.0	26.9	26.1	25.1	25.3
	MAXIMUM	25.7	25.2	24.8	26.7	26.5	26.7	27.1	27.5	29.0	27.9	27.2	26.2	29.0
	DAY-HR	02-03	01-04	21-03	25-04	18-04	27-03	31-04	18-04	23-04	01-03	12-02	12-20	SEP
	MINIMUM	21.0	21.2	21.4	22.0	20.9	22.9	23.8	24.5	25.4	23.3	23.3	21.9	20.9
	DAY-HR	16-19	15-02	29-15	11-17	02-18	12-21	27-00	06-20	21-07	22-09	15-11	18-04	MAY
	# OBS	739	669	741	717	743	718	742	743	681	742	717	712	8664
1988	MEAN	24.7	-	-	-	-	-	-	-	25.7	26.0	25.6	24.7	25.3
	MAXIMUM	25.6	-	-	-	-	-	-	-	26.4	27.6	26.6	26.0	27.6
	DAY-HR	01-02	-	-	-	-	-	-	-	29-23	18-00	06-01	06-02	OCT
	MINIMUM	22.2	-	-	-	-	-	-	-	23.6	23.9	22.7	20.7	20.7
	DAY-HR	10-09	-	-	-	-	-	-	-	25-03	30-09	28-06	30-18	DEC
	# OBS	685	-	-	-	-	-	-	-	210	740	718	741	3094
1989	MEAN	24.0	23.2	23.9	24.0	24.7	25.0	25.3	25.4	26.1	26.3	25.9	25.1	25.0
	MAXIMUM	24.7	24.7	24.8	25.4	25.5	25.7	26.1	25.8	26.6	27.3	27.8	27.0	27.8
	DAY-HR	12-00	08-03	19-03	05-00	29-04	30-00	21-00	02-03	28-04	07-02	02-02	01-02	NOV
	MINIMUM	21.2	19.2	20.2	20.1	22.7	22.7	23.2	25.0	25.5	23.9	23.0	22.7	19.2
	DAY-HR	13-14	12-03	09-15	08-02	04-17	19-16	14-04	01-15	29-15	09-11	17-16	14-00	FEB
	# OBS	534	244	247	609	737	709	667	10	67	739	717	739	6019
1990	MEAN	24.6	23.8	23.6	24.3	24.8	25.3	-	-	-	26.4	26.0	25.5	24.9
	MAXIMUM	25.6	25.0	24.6	25.4	25.6	26.1	-	-	-	27.2	27.0	26.4	27.2
	DAY-HR	04-03	06-03	26-04	26-03	31-21	06-04	-	-	-	07-03	23-23	09-23	OCT

	MINIMUM	21.0	21.3	21.3	22.5	22.9	24.3	-	-	-	23.7	23.5	23.0	21.0
	DAY-HR	23-07	12-11	16-21	01-00	11-16	05-16	-	-	-	25-17	24-18	14-03	JAN
	# OBS	744	618	688	711	732	164	-	-	-	610	719	432	5418
1991	MEAN	24.2	24.6	23.9	24.1	24.5	25.0	25.6	26.2	26.3	26.2	26.0	24.9	25.2
	MAXIMUM	25.4	26.0	25.1	25.1	25.3	25.9	26.5	27.0	27.8	27.2	26.9	26.6	27.8
	DAY-HR	31-22	13-03	22-03	27-02	28-03	27-03	21-04	09-02	20-03	16-21	14-20	02-02	SEP
	MINIMUM	22.6	22.7	20.8	22.0	22.5	23.0	22.5	23.9	23.7	23.8	23.2	21.6	20.8
	DAY-HR	28-06	26-17	18-02	03-00	01-10	17-16	09-19	02-04	25-03	08-16	19-16	29-00	MAR
	# OBS	382	671	741	711	732	713	734	729	706	740	720	740	8319
1992	MEAN	23.9	23.7	23.6	24.0	25.3	25.7	26.1	26.7	27.4	27.5	26.4	25.7	25.4
	MAXIMUM	25.1	25.3	24.6	26.6	28.2	26.5	27.2	27.8	28.3	28.3	28.2	26.9	28.3
	DAY-HR	29-21	18-03	02-21	26-03	23-04	07-03	31-21	30-03	17-02	13-02	01-23	01-03	OCT
	MINIMUM	20.6	20.6	20.6	21.8	22.6	23.7	23.9	24.3	24.6	24.8	23.7	23.3	20.6
	DAY-HR	15-17	06-23	23-16	17-22	06-03	06-17	09-12	05-16	20-16	11-06	25-12	27-15	MAR
	# OBS	741	688	739	715	738	719	737	365	712	738	535	246	7673
1993	MEAN	24.5	-	-	-	-	25.6	26.2	26.9	27.0	27.0	25.9	24.7	26.1
	MAXIMUM	25.6	-	-	-	-	26.5	27.4	29.2	28.2	28.4	27.7	26.3	29.2
	DAY-HR	04-03	-	-	-	-	30-02	25-04	19-04	30-02	04-03	02-03	03-05	AUG
	MINIMUM	22.1	-	-	-	-	23.9	23.9	24.6	24.4	23.5	22.0	21.5	21.5
	DAY-HR	27-15	-	-	-	-	28-00	04-20	21-01	09-06	14-04	24-18	28-01	DEC
	# OBS	211	-	-	-	-	334	737	741	716	741	715	743	4938
1994	MEAN	24.1	24.3	24.6	24.7	25.0	25.6	26.3	26.9	26.8	26.7	25.6	24.4	25.3
	MAXIMUM	25.9	25.8	26.2	25.7	25.8	26.5	27.4	27.6	27.8	28.0	26.9	25.7	28.0
	DAY-HR	16-04	14-22	07-04	24-01	24-02	28-02	31-04	13-05	20-03	02-03	01-20	02-03	OCT
	MINIMUM	21.0	20.5	21.6	22.4	23.0	22.8	23.7	24.9	24.8	23.7	22.9	21.9	20.5
	DAY-HR	24-20	08-11	24-21	07-18	31-19	12-16	22-07	09-14	10-18	16-22	23-02	24-23	FEB
	# OBS	742	652	741	719	740	719	739	338	495	740	718	744	8087
1995	MEAN	23.7	23.7	24.6	24.3	25.1	25.4	26.3	26.6	26.8	26.4	26.4	25.8	25.4
	MAXIMUM	24.7	25.9	26.1	25.6	26.2	26.4	27.5	27.5	27.8	27.5	27.2	27.0	27.8
	DAY-HR	31-00	05-03	08-04	25-22	05-23	30-04	27-22	23-23	16-00	02-00	18-03	09-03	SEP
	MINIMUM	22.1	21.9	22.4	21.8	22.5	22.8	23.9	23.2	23.8	23.6	24.0	22.5	21.8
	DAY-HR	31-04	07-17	30-09	24-10	13-12	03-11	11-08	15-13	23-20	19-04	23-19	16-12	APR
	# OBS	737	672	744	717	741	719	741	743	715	738	713	742	8722
1996	MEAN	25.2	24.1	24.2	25.5	26.0	26.3	26.5	26.8	27.0	26.7	26.3	25.0	25.8
	MAXIMUM	27.0	25.9	25.5	26.5	27.6	27.2	27.5	27.9	28.0	27.9	27.5	26.4	28.0
	DAY-HR	03-00	07-04	31-23	30-04	09-00	29-04	30-03	25-03	04-04	05-03	13-22	15-03	SEP
	MINIMUM	20.6	19.7	21.1	23.0	23.5	23.9	23.8	25.2	24.5	24.0	23.3	21.8	19.7
	DAY-HR	26-20	26-12	03-16	22-16	27-03	06-13	05-17	30-04	14-23	07-18	19-13	08-11	FEB
	# OBS	736	608	744	739	741	717	840	791	717	738	696	743	8810
1997	MEAN	25.0	24.7	24.9	25.1	25.5	26.2	26.3	26.6	26.7	26.6	25.7	24.6	25.7
	MAXIMUM	26.9	25.9	26.2	26.0	28.1	27.2	27.3	27.5	27.8	27.6	26.9	25.8	28.1
	DAY-HR	02-03	01-03	16-04	20-04	24-03	01-03	30-03	27-03	03-04	09-03	08-03	03-02	MAY
	MINIMUM	21.9	20.4	22.1	22.9	22.5	23.6	23.1	24.1	24.5	23.6	23.3	22.1	20.4
	DAY-HR	17-14	26-16	18-06	26-12	09-03	19-03	18-16	31-22	27-01	02-17	15-14	27-16	FEB
	# OBS	738	660	739	711	741	716	737	738	719	738	704	743	8684
1998	MEAN	24.2	23.9	24.1	23.7	24.0	24.6	25.1	25.9	26.1	25.7	25.5	24.5	24.8
	MAXIMUM	25.4	25.3	24.9	25.2	24.9	25.5	25.9	27.0	26.9	26.5	26.8	25.5	27.0
	DAY-HR	22-23	12-22	22-01	28-01	21-00	24-02	06-02	19-04	11-04	03-01	09-03	01-22	AUG
	MINIMUM	21.9	21.5	21.3	20.6	21.2	22.6	22.6	23.5	22.6	23.0	22.3	22.0	20.6
	DAY-HR	21-17	24-09	24-02	29-14	23-16	22-15	11-16	05-00	28-13	28-13	08-17	13-06	APR
	# OBS	715	667	720	692	714	694	739	786	711	743	719	738	8638
1999	MEAN	24.2	23.7	23.5	23.6	24.1	24.4	24.8	25.3	25.4	25.3	24.9	24.2	24.4
	MAXIMUM	25.3	24.6	24.4	24.7	25.0	25.3	25.9	26.2	26.1	26.1	26.1	25.3	26.2
	DAY-HR	09-02	26-22	10-04	28-04	31-22	26-04	27-02	04-01	02-08	22-00	05-20	23-03	AUG
	MINIMUM	22.1	21.2	20.7	21.4	21.2	22.3	23.0	22.6	22.9	22.2	22.7	22.2	20.7
	DAY-HR	25-11	28-17	19-00	09-21	15-14	01-07	13-14	02-12	13-22	20-18	30-06	12-04	MAR
	# OBS	740	660	718	719	738	717	730	734	706	721	696	742	8621
2000	MEAN	23.7	23.6	23.8	23.8	24.9	25.2	25.6	26.1	26.1	26.1	25.6	24.7	24.9
	MAXIMUM	24.8	24.6	24.7	24.6	29.4	25.8	26.3	26.8	26.8	26.7	26.8	25.4	29.4
	DAY-HR	03-21	19-02	17-22	28-04	23-21	29-23	21-02	21-04	29-08	20-03	04-03	20-21	MAY
	MINIMUM	22.0	21.6	20.4	21.5	21.3	23.0	23.8	23.8	24.2	24.1	23.9	22.0	20.4
	DAY-HR	22-08	29-23	18-14	03-23	16-16	24-21	18-21	09-00	02-02	28-01	28-14	30-23	MAR
	# OBS	731	691	730	705	731	211	731	731	711	729	715	743	8159
2001	MEAN	24.4	23.8	23.7	23.9	24.2	24.8	25.3	25.9	26.1	26.1	25.6	24.8	24.9
	MAXIMUM	25.8	24.8	25.0	24.7	25.1	25.5	26.0	26.8	27.0	26.9	26.4	26.4	27.0
	DAY-HR	02-03	09-01	26-04	03-20	31-04	30-20	31-04	28-04	17-01	06-04	27-23	04-00	SEP
	MINIMUM	22.4	21.5	20.1	21.7	22.3	23.0	23.4	23.9	23.9	23.9	23.5	21.9	20.1
	DAY-HR	27-15	13-15	19-18	07-06	26-05	10-15	08-16	30-04	20-23	31-11	29-15	20-21	MAR
	# OBS	741	666	737	712	737	712	734	728	697	733	718	742	8657
POR	MEAN	24.3	24.0	24.1	24.3	24.8	25.3	25.8	26.3	26.5	26.4	25.8	24.8	25.2
	MAXIMUM	27.0	26.3	26.2	26.7	29.4	27.2	27.5	29.2	29.0	28.4	28.2	27.0	29.4
	YEAR	1996	1986	1997	1987	2000	1997	1996	1993	1987	1993	1992	1995	MAY/2000

MINIMUM	20.6	19.2	20.1	20.1	20.9	22.3	22.5	22.6	22.6	22.0	22.0	19.5	19.2
YEAR	1996	1989	2001	1989	1987	1999	1991	1999	1998	1985	1993	1984	FEB/1989
# OBS	11402	9504	10220	9919	10304	8608	9608	8751	10153	13156	12656	12521	126802

STATION: 51002 -- POR (9/1984 - 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
1984	MEAN	-	-	-	-	-	-	-	-	26.6	26.7	26.1	25.3	26.1
	MAXIMUM	-	-	-	-	-	-	-	-	27.4	27.2	26.5	25.9	27.4
	DAY-HR	-	-	-	-	-	-	-	-	22-00	08-02	01-05	01-03	SEP
	MINIMUM	-	-	-	-	-	-	-	-	26.0	26.3	25.5	24.6	24.6
	DAY-HR	-	-	-	-	-	-	-	-	10-17	30-20	23-22	27-19	DEC
	# OBS	-	-	-	-	-	-	-	-	576	742	714	743	2775
1985	MEAN	24.4	24.4	24.2	23.7	24.4	25.1	26.1	26.5	26.8	26.9	26.5	26.0	25.4
	MAXIMUM	25.8	24.9	24.7	24.3	26.0	26.2	26.4	28.1	28.6	27.4	28.0	26.8	28.6
	DAY-HR	13-02	28-01	02-02	01-03	20-01	28-02	25-03	18-03	26-02	19-00	20-03	24-02	SEP
	MINIMUM	23.8	24.0	23.7	23.0	23.9	24.2	25.8	25.7	26.2	26.5	25.8	25.3	23.0
	DAY-HR	26-17	10-19	30-19	17-20	05-17	08-13	13-18	06-15	07-19	31-21	11-12	29-15	APR
	# OBS	742	669	741	718	743	718	744	743	718	743	717	744	8740
1986	MEAN	25.6	25.7	25.9	25.9	26.1	26.3	-	-	27.8	27.5	27.0	25.8	26.3
	MAXIMUM	27.4	27.7	28.2	26.3	27.5	26.4	-	-	28.8	27.9	27.6	26.6	28.8
	DAY-HR	26-00	24-01	02-02	07-03	29-01	02-04	-	-	20-01	13-02	11-03	02-11	SEP
	MINIMUM	25.3	25.2	25.5	25.6	25.6	26.2	-	-	27.4	27.1	26.2	25.3	25.2
	DAY-HR	19-10	19-16	31-18	25-21	11-18	02-21	-	-	28-09	30-19	30-21	30-20	FEB
	# OBS	744	669	740	719	739	46	-	-	296	741	704	744	6142
1987	MEAN	25.3	25.0	24.6	24.9	25.4	26.2	26.6	27.1	27.6	27.6	26.9	25.8	26.1
	MAXIMUM	25.9	26.3	26.0	27.9	28.4	27.2	27.8	27.6	29.9	28.4	27.4	26.2	29.9
	DAY-HR	10-01	12-03	06-02	26-01	18-04	03-01	23-01	31-23	23-04	01-01	06-02	03-00	SEP
	MINIMUM	24.8	24.5	24.1	24.4	24.4	25.7	25.9	26.7	27.3	27.0	26.1	25.3	24.1
	DAY-HR	31-19	21-18	10-15	01-16	03-21	10-19	08-17	05-18	20-17	31-19	30-23	13-16	MAR
	# OBS	739	669	741	717	743	718	742	743	681	742	717	712	8664
1988	MEAN	25.4	-	-	-	-	-	-	-	26.8	27.1	26.6	25.9	26.3
	MAXIMUM	25.9	-	-	-	-	-	-	-	27.1	29.5	27.1	27.2	29.5
	DAY-HR	19-02	-	-	-	-	-	-	-	29-02	18-01	08-09	04-04	OCT
	MINIMUM	25.0	-	-	-	-	-	-	-	26.6	26.7	26.0	25.4	25.0
	DAY-HR	28-14	-	-	-	-	-	-	-	30-21	09-21	27-19	26-15	JAN
	# OBS	684	-	-	-	-	-	-	-	210	740	718	741	3093
1989	MEAN	25.2	24.6	24.9	25.4	25.9	26.0	26.1	26.5	26.6	27.0	26.8	26.2	26.0
	MAXIMUM	25.6	26.0	25.7	26.6	26.2	26.6	26.8	26.8	26.9	28.0	29.0	27.7	29.0
	DAY-HR	01-11	09-03	10-03	06-00	31-04	30-03	21-00	02-03	30-23	07-02	02-03	01-03	NOV
	MINIMUM	24.8	24.1	24.3	24.7	25.4	25.6	25.8	26.3	26.5	26.6	26.2	25.7	24.1
	DAY-HR	28-18	28-03	02-18	02-18	01-19	21-12	19-21	01-15	30-17	01-18	27-19	19-10	FEB
	# OBS	534	244	247	609	737	708	666	10	67	738	717	739	6016
1990	MEAN	25.3	24.9	24.3	24.9	25.3	25.8	-	-	-	26.8	26.6	25.9	25.5
	MAXIMUM	25.9	26.5	25.0	25.5	25.9	25.9	-	-	-	27.2	27.4	26.6	27.4
	DAY-HR	01-02	12-02	27-03	30-02	31-04	07-03	-	-	-	07-01	24-02	09-04	NOV
	MINIMUM	24.9	24.4	23.8	24.3	24.9	25.7	-	-	-	26.5	26.0	25.5	23.8
	DAY-HR	31-23	25-18	10-04	02-17	10-12	10-09	-	-	-	15-17	30-23	05-21	MAR
	# OBS	744	618	687	711	732	164	-	-	-	609	719	432	5416
1992	MEAN	-	-	-	-	-	-	-	27.3	28.0	28.1	27.1	26.2	27.6
	MAXIMUM	-	-	-	-	-	-	-	27.5	29.0	28.6	28.4	26.9	29.0
	DAY-HR	-	-	-	-	-	-	-	31-01	15-01	12-02	02-00	04-00	SEP
	MINIMUM	-	-	-	-	-	-	-	27.2	27.3	27.4	26.6	26.0	26.0
	DAY-HR	-	-	-	-	-	-	-	31-17	01-18	31-23	30-18	31-12	DEC
	# OBS	-	-	-	-	-	-	-	97	712	737	535	246	2327
1993	MEAN	25.5	-	-	-	-	25.9	26.5	27.3	27.7	27.8	26.7	25.1	26.7
	MAXIMUM	26.8	-	-	-	-	26.3	27.0	28.9	28.8	28.3	27.9	26.1	28.9
	DAY-HR	09-00	-	-	-	-	30-23	31-23	19-04	03-01	09-02	02-03	04-01	AUG
	MINIMUM	24.9	-	-	-	-	25.6	25.9	26.7	27.3	27.0	25.8	24.6	24.6
	DAY-HR	26-18	-	-	-	-	18-15	07-18	01-19	28-18	30-17	30-23	23-18	DEC
	# OBS	211	-	-	-	-	334	737	740	716	741	717	743	4939
1994	MEAN	24.8	24.7	25.3	25.1	25.1	25.8	26.3	27.2	27.4	27.3	26.1	25.1	25.7
	MAXIMUM	25.9	26.1	26.6	25.5	25.6	26.7	27.0	27.6	27.9	28.2	26.8	25.8	28.2
	DAY-HR	17-00	28-23	06-03	27-03	25-04	20-02	19-04	09-02	20-02	02-02	03-03	03-02	OCT
	MINIMUM	24.2	24.2	24.4	24.7	24.7	25.0	25.5	26.4	27.0	26.5	25.4	24.4	24.2
	DAY-HR	25-08	07-20	24-21	01-18	09-18	02-17	06-20	01-19	15-19	29-22	24-19	31-23	FEB
	# OBS	742	651	741	719	740	719	738	338	495	740	718	744	8085

1995	MEAN	24.1	24.5	25.2	24.9	25.6	25.9	26.7	27.0	27.4	26.9	26.8	26.4	26.0
	MAXIMUM	24.7	26.0	26.9	26.8	26.6	26.8	27.7	27.4	28.7	27.5	27.1	27.2	28.7
	DAY-HR	12-02	05-01	13-03	29-02	20-04	27-01	20-03	29-02	15-03	02-02	18-03	10-02	SEP
	MINIMUM	23.7	23.9	24.5	24.3	24.9	25.5	26.1	26.5	27.0	26.3	26.5	25.7	23.7
	DAY-HR	27-18	08-14	31-21	17-18	01-18	20-20	04-19	07-17	11-17	27-11	30-17	27-19	JAN
	# OBS	737	672	744	717	741	719	741	743	715	737	713	742	8721
1996	MEAN	26.1	25.4	25.1	26.0	26.7	26.8	27.0	27.3	27.8	27.5	27.0	25.7	26.5
	MAXIMUM	27.6	26.7	26.1	27.2	28.9	27.4	27.4	28.1	28.4	28.6	27.9	26.8	28.9
	DAY-HR	03-03	04-03	09-03	30-23	09-00	10-02	01-01	31-23	01-02	05-02	09-02	30-02	MAY
	MINIMUM	25.4	24.9	24.5	25.0	26.6	26.6	26.8	26.8	27.6	26.9	26.4	25.2	24.5
	DAY-HR	31-21	29-20	19-07	02-08	06-14	08-19	26-16	02-17	23-18	31-18	30-23	16-18	MAR
	# OBS	736	687	744	739	741	717	840	791	717	738	696	743	8889
1997	MEAN	25.8	25.5	25.5	25.6	26.3	26.9	26.7	27.1	27.6	27.5	26.7	25.5	26.4
	MAXIMUM	27.4	25.9	26.6	26.4	28.9	27.3	27.4	27.9	28.2	27.9	27.5	26.4	28.9
	DAY-HR	07-04	01-04	26-00	24-03	24-02	26-03	29-03	29-01	14-02	12-03	10-01	01-12	MAY
	MINIMUM	25.3	24.9	24.8	25.3	25.7	26.6	26.1	26.4	27.3	27.1	26.0	25.2	24.8
	DAY-HR	10-22	27-18	08-15	14-17	04-18	19-19	08-17	03-18	23-16	31-21	30-19	30-21	MAR
	# OBS	738	660	739	711	741	716	737	738	719	738	704	743	8684
1998	MEAN	25.2	25.1	25.1	24.7	24.8	25.4	25.8	26.5	27.0	26.3	26.3	25.3	25.6
	MAXIMUM	25.7	25.5	25.7	26.3	25.1	25.7	26.3	27.1	27.4	26.8	27.0	25.8	27.4
	DAY-HR	30-02	12-03	22-02	28-03	02-02	29-23	31-03	17-02	17-03	01-05	13-03	17-04	SEP
	MINIMUM	24.7	24.4	24.7	24.4	24.6	24.7	25.6	25.8	26.6	26.0	25.6	25.0	24.4
	DAY-HR	27-19	26-20	27-15	07-20	26-16	02-16	16-19	05-20	03-18	19-18	30-23	21-06	APR
	# OBS	715	667	720	692	714	694	739	786	711	743	719	738	8638
1999	MEAN	25.3	24.5	24.4	24.3	24.9	25.2	25.4	25.8	26.0	26.0	25.9	25.1	25.2
	MAXIMUM	25.9	25.0	25.2	25.0	25.2	25.7	25.8	26.1	26.5	26.7	26.3	26.1	26.7
	DAY-HR	05-02	01-04	02-03	30-04	24-06	29-02	30-02	31-23	04-00	19-02	09-04	23-01	OCT
	MINIMUM	24.8	24.2	24.0	23.9	24.6	24.9	25.2	25.6	25.8	25.7	25.5	24.6	23.9
	DAY-HR	31-20	26-17	31-23	13-18	18-12	02-17	14-18	10-17	30-22	03-15	30-21	09-02	APR
	# OBS	739	660	718	719	738	715	730	735	706	721	696	742	8619
2000	MEAN	24.6	24.3	24.5	24.8	25.0	25.9	26.1	26.5	26.7	26.5	26.3	25.3	25.6
	MAXIMUM	25.5	24.7	25.6	25.6	29.7	26.1	27.4	27.4	27.4	27.1	27.8	25.7	29.7
	DAY-HR	01-01	20-02	31-03	01-00	08-00	28-02	31-23	02-01	27-00	03-03	04-01	01-03	MAY
	MINIMUM	24.0	23.7	24.2	24.2	22.6	25.7	25.8	26.2	26.3	26.2	25.4	25.1	22.6
	DAY-HR	30-01	02-02	12-17	21-18	05-23	25-19	25-15	01-17	05-18	22-19	30-19	17-18	MAY
	# OBS	731	691	730	705	164	210	732	725	706	728	715	743	7580
2001	MEAN	25.0	24.5	24.4	24.5	24.7	25.3	25.6	26.1	26.6	26.6	25.9	25.5	25.4
	MAXIMUM	25.7	25.1	25.1	24.8	25.3	25.8	26.0	26.9	26.9	27.3	26.4	26.4	27.3
	DAY-HR	04-02	07-03	23-02	04-04	31-05	26-03	29-03	27-02	26-01	03-03	03-10	27-03	OCT
	MINIMUM	24.6	24.1	24.1	24.2	24.2	25.1	25.4	25.7	26.3	26.1	25.6	24.9	24.1
	DAY-HR	30-21	19-07	21-19	27-18	01-17	03-19	22-18	01-18	05-18	25-18	15-20	28-19	MAR
	# OBS	741	667	737	710	737	711	734	729	690	731	718	742	8647
POR	MEAN	25.2	24.9	24.9	25.0	25.4	25.9	26.3	26.7	27.2	27.1	26.5	25.6	25.9
	MAXIMUM	27.6	27.7	28.2	27.9	29.7	27.4	27.8	28.9	29.9	29.5	29.0	27.7	29.9
	YEAR	1996	1986	1986	1987	2000	1996	1987	1993	1987	1988	1989	1989	SEP/1987
	MINIMUM	23.7	23.7	23.7	23.0	22.6	24.2	25.2	25.6	25.8	25.7	25.4	24.4	22.6
	YEAR	1995	2000	1985	1985	2000	1985	1999	1999	1999	1999	2000	1994	MAY/2000
	# OBS	10277	8224	9029	9186	9010	7889	8880	7918	9435	12409	11937	11781	115975

STATION: 51002 -- POR (9/1984 - 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
1984	MEAN	-	-	-	-	-	-	-	-	1013.6	1014.1	1015.1	1013.3	1014.1
	MAXIMUM	-	-	-	-	-	-	-	-	1016.7	1017.6	1018.3	1018.1	1018.3
	DAY-HR	-	-	-	-	-	-	-	-	07-09	07-20	09-20	10-20	NOV
	MINIMUM	-	-	-	-	-	-	-	-	1010.2	1010.5	1010.2	1008.1	1008.1
	DAY-HR	-	-	-	-	-	-	-	-	27-02	16-01	13-02	24-02	DEC
	# OBS	-	-	-	-	-	-	-	-	576	742	714	743	2775
1985	MEAN	1015.0	1013.8	1015.1	1015.4	1015.5	1015.4	1014.7	1014.2	1013.4	1013.2	1012.3	1014.5	1014.4
	MAXIMUM	1020.2	1017.7	1020.7	1019.3	1019.4	1019.2	1018.1	1017.3	1016.6	1017.1	1015.9	1019.1	1020.7
	DAY-HR	21-21	01-20	20-10	13-20	15-09	04-09	06-09	21-09	01-21	29-20	01-20	28-19	MAR
	MINIMUM	1006.5	1009.4	1008.6	1010.8	1011.5	1011.6	1012.6	1011.5	1010.0	1008.1	1006.0	1008.4	1006.0
	DAY-HR	15-01	28-15	01-03	06-14	19-02	15-02	25-03	18-03	12-02	17-02	28-02	16-02	NOV
	# OBS	742	669	742	718	743	718	744	743	718	743	717	744	8741
1986	MEAN	1014.2	1014.0	1015.8	1014.7	1015.0	1014.2	-	-	1012.3	1014.0	1012.2	1014.4	1014.2
	MAXIMUM	1019.7	1018.8	1021.2	1018.0	1018.8	1016.0	-	-	1015.4	1017.0	1017.1	1018.4	1021.2

	DAY-HR	06-21	01-20	07-20	20-09	26-09	01-09	-	-	24-21	19-20	24-20	30-20	MAR
	MINIMUM	1008.9	1009.5	1011.1	1008.9	1009.7	1012.5	-	-	1009.3	1010.0	1005.6	1007.0	1005.6
	DAY-HR	25-02	13-03	21-03	10-14	09-03	02-14	-	-	29-03	06-02	12-02	07-02	NOV
	# OBS	744	669	740	719	739	46	-	-	296	741	705	744	6143
1987	MEAN	1015.4	1013.5	1016.0	1015.7	1014.2	1015.1	1013.9	1013.3	1013.4	1013.6	1014.5	1013.7	1014.4
	MAXIMUM	1021.5	1020.3	1021.0	1020.7	1020.5	1019.4	1017.2	1018.2	1016.7	1017.3	1018.7	1019.8	1021.5
	DAY-HR	21-20	14-22	13-20	30-21	01-10	20-08	01-09	03-20	29-09	03-20	12-20	07-20	JAN
	MINIMUM	1008.9	1007.4	1010.4	1009.5	1009.3	1011.4	1010.5	1009.6	1010.5	1009.3	1008.7	1004.0	1004.0
	DAY-HR	15-02	25-03	03-02	23-03	10-03	03-03	15-04	07-03	22-02	16-15	15-02	13-01	DEC
	# OBS	739	669	741	717	743	718	742	743	681	742	717	712	8664
1988	MEAN	1014.9	-	-	-	-	-	-	-	1014.1	1013.6	1014.5	1014.9	1014.5
	MAXIMUM	1019.8	-	-	-	-	-	-	-	1016.4	1018.1	1018.4	1019.8	1019.8
	DAY-HR	16-20	-	-	-	-	-	-	-	28-09	12-20	11-19	20-08	DEC
	MINIMUM	1007.5	-	-	-	-	-	-	-	1011.2	1010.2	1006.0	1009.4	1006.0
	DAY-HR	01-16	-	-	-	-	-	-	-	25-02	15-15	05-01	18-16	NOV
	# OBS	686	-	-	-	-	-	-	-	211	741	719	741	3098
1989	MEAN	1015.2	1015.0	1015.4	1014.2	1015.8	1016.0	1015.3	1016.0	1013.2	1013.4	1013.7	1014.4	1014.8
	MAXIMUM	1019.0	1019.4	1020.4	1017.9	1018.9	1019.8	1018.6	1017.6	1015.3	1017.7	1019.1	1019.6	1020.4
	DAY-HR	08-20	17-21	21-21	01-09	30-09	14-09	27-09	01-09	30-20	24-20	23-20	03-08	MAR
	MINIMUM	1010.6	1008.3	1005.5	1009.4	1011.9	1012.6	1011.2	1014.5	1011.4	1009.4	1009.2	1008.5	1005.5
	DAY-HR	30-03	27-15	02-03	08-14	20-02	22-14	20-04	01-03	30-02	09-14	03-02	10-02	MAR
	# OBS	534	244	247	609	736	712	670	10	67	740	717	739	6025
1990	MEAN	1012.8	1015.9	1016.4	1015.2	1015.9	1016.0	-	-	-	1014.1	1012.3	1014.9	1014.6
	MAXIMUM	1019.0	1022.5	1021.5	1019.4	1020.4	1018.4	-	-	-	1017.9	1016.3	1019.3	1022.5
	DAY-HR	10-20	08-20	28-21	20-20	30-09	09-09	-	-	-	28-20	30-20	10-19	FEB
	MINIMUM	1004.4	1009.6	1011.4	1011.2	1012.0	1013.7	-	-	-	1011.1	1007.7	1010.8	1004.4
	DAY-HR	25-02	12-03	09-15	29-14	08-02	07-03	-	-	-	24-02	12-02	17-02	JAN
	# OBS	744	329	686	711	732	164	-	-	-	611	719	432	5128
1991	MEAN	1013.6	1014.0	1015.9	1016.2	1016.1	1015.4	1014.5	1014.0	1012.9	1012.2	1013.1	1013.8	1014.3
	MAXIMUM	1019.2	1017.2	1020.0	1020.8	1020.5	1019.2	1016.8	1017.2	1016.6	1016.1	1017.4	1018.8	1020.8
	DAY-HR	19-08	01-20	27-09	06-09	15-09	12-09	31-21	01-09	04-08	05-08	04-20	27-20	APR
	MINIMUM	1005.2	1009.5	1011.0	1012.3	1012.1	1011.8	1012.2	1010.0	1008.0	1008.1	1006.4	1007.1	1005.2
	DAY-HR	28-01	24-02	10-02	20-03	26-03	01-14	11-03	08-03	20-03	15-02	30-02	01-01	JAN
	# OBS	382	671	742	711	732	713	736	730	706	740	720	740	8323
1992	MEAN	1014.8	1014.7	1016.7	1014.7	1014.1	1014.2	1013.8	1014.3	1012.0	1013.1	1013.2	1013.5	1014.2
	MAXIMUM	1020.5	1019.1	1021.0	1020.0	1017.9	1017.1	1017.9	1017.1	1017.3	1016.9	1017.4	1019.6	1021.0
	DAY-HR	24-20	01-20	18-20	29-09	04-09	15-09	25-09	30-21	13-09	20-20	16-09	07-21	MAR
	MINIMUM	1009.4	1009.9	1012.9	1009.0	1011.2	1011.0	1010.7	1010.4	1003.2	1009.6	1009.4	1008.5	1003.2
	DAY-HR	16-01	16-02	13-03	26-02	18-03	21-04	17-04	12-03	11-02	31-14	01-03	31-15	SEP
	# OBS	741	688	739	715	739	719	738	365	712	738	535	246	7675
1993	MEAN	1014.1	-	-	-	-	1015.0	1014.0	1013.8	1013.5	1012.3	1014.2	1014.8	1013.9
	MAXIMUM	1019.5	-	-	-	-	1017.2	1017.6	1017.3	1017.0	1016.8	1018.1	1018.3	1019.5
	DAY-HR	18-21	-	-	-	-	25-20	02-09	08-09	08-09	07-21	29-20	10-20	JAN
	MINIMUM	1007.6	-	-	-	-	1011.7	1010.4	1010.5	1010.1	1005.9	1010.4	1010.5	1005.9
	DAY-HR	02-00	-	-	-	-	30-03	09-03	18-03	27-02	26-03	14-02	19-02	OCT
	# OBS	211	-	-	-	-	334	737	741	716	741	717	743	4940
1994	MEAN	1014.4	1013.6	1015.5	1016.1	1015.6	1014.9	1013.1	1013.5	1012.6	1012.7	1014.2	1016.0	1014.5
	MAXIMUM	1020.8	1021.5	1019.8	1019.6	1018.6	1017.8	1016.4	1018.0	1016.2	1016.8	1018.6	1020.9	1021.5
	DAY-HR	31-20	01-20	30-09	26-09	15-09	09-20	17-09	05-09	21-09	09-09	25-20	25-20	FEB
	MINIMUM	1009.8	1005.4	1006.6	1012.7	1012.0	1011.4	990.1	1008.9	1008.9	1008.9	1008.5	1011.5	990.1
	DAY-HR	24-15	16-14	25-02	16-14	09-03	26-15	22-10	13-03	29-01	03-02	01-02	06-01	JUL
	# OBS	742	651	740	719	740	719	738	337	495	740	718	744	8083
1995	MEAN	1015.8	1014.3	1014.6	1014.0	1015.1	1015.0	1013.7	1013.4	1013.6	1012.5	1012.1	1014.2	1014.0
	MAXIMUM	1021.2	1018.2	1020.5	1019.6	1019.0	1018.1	1016.6	1017.3	1018.1	1016.6	1016.2	1018.6	1021.2
	DAY-HR	05-20	19-21	19-21	18-09	06-09	10-20	26-09	09-09	25-21	01-08	18-20	27-20	JAN
	MINIMUM	1010.8	1008.6	1006.2	1009.1	1011.5	1010.5	1010.5	1010.7	1010.3	1009.1	1009.2	1008.5	1006.2
	DAY-HR	26-03	14-02	04-02	25-15	14-03	27-03	14-03	06-03	13-03	30-01	14-01	07-02	MAR
	# OBS	737	672	744	717	741	719	741	743	715	738	713	742	8722
1996	MEAN	1012.9	1013.6	1013.7	1014.9	1015.2	1014.6	1013.8	1013.3	1011.8	1012.4	1010.9	1011.6	1013.2
	MAXIMUM	1018.0	1018.3	1021.9	1019.0	1019.3	1018.8	1017.1	1016.9	1014.6	1016.5	1016.6	1016.7	1021.9
	DAY-HR	16-09	16-20	12-10	20-20	15-09	26-09	25-09	25-09	25-20	11-20	29-08	05-20	MAR
	MINIMUM	1005.3	1008.0	1004.5	1010.2	1010.2	1010.7	1010.5	1009.6	1008.6	1007.1	1004.3	1004.2	1004.2
	DAY-HR	31-03	01-02	04-03	04-03	01-03	09-03	05-03	17-03	10-15	31-01	17-01	23-02	DEC
	# OBS	736	644	744	739	741	717	840	791	717	738	696	743	8846
1997	MEAN	1013.4	1014.1	1014.0	1015.3	1013.6	1014.9	1013.8	1014.4	1013.9	1013.8	1014.7	1015.9	1014.3
	MAXIMUM	1018.4	1018.8	1019.9	1019.4	1017.4	1018.4	1017.4	1017.5	1017.9	1017.3	1018.2	1020.6	1020.6
	DAY-HR	17-20	09-21	19-19	21-10	01-09	03-09	01-09	01-09	27-09	15-21	12-20	13-20	DEC
	MINIMUM	1007.3	1004.2	1007.0	1010.5	1009.4	1010.7	1010.0	1011.1	1009.6	1010.3	1009.2	1010.8	1004.2
	DAY-HR	01-01	26-14	13-02	09-03	18-03	23-03	30-15	31-02	10-02	08-02	20-01	02-01	FEB
	# OBS	738	660	739	710	741	716	737	737	719	738	704	743	8682
1998	MEAN	1015.2	1018.7	1017.7	1019.1	1017.9	1016.7	1016.7	1015.6	1014.8	1015.4	1015.4	1016.5	1016.6
	MAXIMUM	1020.5	1024.0	1022.7	1024.0	1022.1	1020.0	1020.2	1018.4	1018.3	1020.1	1019.6	1019.6	1024.0

	DAY-HR	30-20	20-20	25-19	04-20	25-09	08-09	12-22	31-09	01-09	25-08	30-10	06-20	APR
	MINIMUM	1010.0	1013.3	1012.8	1014.4	1013.8	1014.1	1013.3	1012.3	1012.2	1011.6	1010.1	1011.6	1010.0
	DAY-HR	22-02	28-03	22-03	29-03	18-03	22-14	19-14	16-03	29-02	08-02	11-01	17-00	JAN
	# OBS	715	667	720	692	714	694	739	785	711	743	719	738	8637
1999	MEAN	1015.8	1018.0	1016.8	1017.6	1016.6	1016.7	1015.9	1015.9	1015.3	1015.4	1015.9	1015.1	1016.2
	MAXIMUM	1019.8	1022.1	1020.1	1021.6	1020.2	1019.6	1018.3	1020.4	1019.0	1018.5	1020.4	1019.9	1022.1
	DAY-HR	13-20	16-21	23-20	09-20	03-09	04-19	11-20	22-09	23-08	26-09	30-20	01-09	FEB
	MINIMUM	1010.8	1013.9	1013.7	1014.2	1012.7	1013.6	1013.4	1010.8	1012.2	1010.0	1012.0	1009.9	1009.9
	DAY-HR	05-01	01-02	07-02	06-03	18-03	24-03	28-03	16-14	10-03	19-14	28-01	31-01	DEC
	# OBS	740	660	719	720	738	716	730	732	707	721	696	742	8621
2000	MEAN	1016.1	1017.9	1017.7	1017.8	1018.0	1013.1	1014.2	1013.2	1012.9	1012.8	1013.5	1014.5	1015.3
	MAXIMUM	1021.4	1021.3	1021.4	1021.2	1021.5	1016.1	1017.4	1016.4	1016.4	1015.5	1016.8	1018.2	1021.5
	DAY-HR	28-08	24-20	02-21	20-20	20-09	22-09	14-09	17-10	20-08	20-09	21-20	15-19	MAY
	MINIMUM	1010.8	1014.0	1012.7	1013.8	1014.1	1010.5	1011.4	1008.9	1009.5	1009.6	1009.7	1010.7	1008.9
	DAY-HR	21-02	05-02	30-02	08-03	23-03	25-03	08-03	29-14	05-01	17-02	11-14	11-01	AUG
	# OBS	731	691	730	705	731	210	731	729	708	729	717	742	8154
2001	MEAN	1016.1	1013.7	1016.0	1015.9	1015.6	1014.2	1014.3	1013.9	1013.3	1013.3	1013.3	1013.6	1014.4
	MAXIMUM	1020.9	1018.5	1019.6	1019.4	1018.7	1017.3	1017.6	1018.0	1016.6	1018.5	1018.1	1018.1	1020.9
	DAY-HR	21-20	19-21	27-20	19-09	21-09	08-08	14-21	02-21	01-08	30-09	10-20	22-20	JAN
	MINIMUM	1010.4	1007.6	1010.6	1011.3	1012.2	1011.1	1011.1	1010.5	1010.4	1008.9	1005.7	1008.9	1005.7
	DAY-HR	02-01	12-02	24-03	01-03	07-14	25-03	30-03	16-14	24-02	15-02	27-02	30-01	NOV
	# OBS	741	667	737	709	739	713	734	728	693	731	718	742	8652
POR	MEAN	1014.7	1015.0	1015.8	1015.8	1015.6	1015.2	1014.4	1014.1	1013.3	1013.4	1013.6	1014.4	1014.6
	MAXIMUM	1021.5	1024.0	1022.7	1024.0	1022.1	1020.0	1020.2	1020.4	1019.0	1020.1	1020.4	1020.9	1024.0
	YEAR	1987	1998	1998	1998	1998	1998	1998	1999	1999	1998	1999	1994	APR/1998
	MINIMUM	1004.4	1004.2	1004.5	1008.9	1009.3	1010.5	990.1	1008.9	1003.2	1005.9	1004.3	1004.0	990.1
	YEAR	1990	1997	1996	1986	1987	2000	1994	2000	1992	1993	1996	1987	JUL/1994
	# OBS	11403	9251	10510	10611	11049	9328	10357	8914	10148	13157	12661	12520	129909

STATION: 51002 -- POR (9/1984 - 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
1984	MEAN	-	-	-	-	-	-	-	-	12.1	14.7	17.4	17.1	15.5
	MAXIMUM	-	-	-	-	-	-	-	-	22.4	23.9	26.8	28.4	28.4
	DAY-HR	-	-	-	-	-	-	-	-	08-22	09-14	19-04	10-09	DEC
	MINIMUM	-	-	-	-	-	-	-	-	3.3	7.2	3.3	3.7	3.3
	DAY-HR	-	-	-	-	-	-	-	-	23-02	04-22	27-09	28-05	NOV
	# OBS	-	-	-	-	-	-	-	-	576	743	715	743	2777
1985	MEAN	11.9	13.6	19.8	9.5	-	-	-	14.9	11.6	13.8	8.5	12.7	12.4
	MAXIMUM	25.5	23.5	26.0	16.7	-	-	-	26.6	21.0	23.5	20.4	23.9	26.6
	DAY-HR	06-06	08-13	02-20	13-14	-	-	-	08-17	19-17	08-05	26-15	31-14	AUG
	MINIMUM	0.0	1.6	13.8	7.6	-	-	-	3.5	0.0	0.0	0.0	0.2	0.0
	DAY-HR	11-13	27-14	01-03	07-12	-	-	-	25-13	10-13	18-07	19-22	18-01	NOV
	# OBS	742	669	55	26	-	-	-	575	718	743	717	744	4989
1986	MEAN	12.5	8.8	13.6	16.1	12.9	14.4	-	-	12.1	13.7	16.0	15.5	13.6
	MAXIMUM	22.9	21.6	25.1	24.9	22.2	18.5	-	-	21.4	20.8	26.4	23.9	26.4
	DAY-HR	01-08	16-12	13-22	09-21	12-21	01-08	-	-	25-01	05-21	28-18	16-15	NOV
	MINIMUM	0.0	0.0	0.0	2.9	0.6	9.9	-	-	0.2	1.2	0.2	1.9	0.0
	DAY-HR	30-01	25-17	04-17	18-17	26-11	02-12	-	-	18-19	30-15	12-13	07-15	MAR
	# OBS	744	669	741	719	739	46	-	-	295	741	705	744	6143
1987	MEAN	16.3	10.6	14.0	14.8	10.2	14.4	13.7	13.5	11.4	14.4	16.6	15.9	13.8
	MAXIMUM	28.6	25.1	24.7	26.6	21.4	22.7	20.4	21.6	21.8	25.7	29.5	25.1	29.5
	DAY-HR	12-15	15-05	21-10	02-10	03-20	22-00	30-19	27-19	18-17	22-09	28-12	14-07	NOV
	MINIMUM	2.1	0.0	0.0	0.0	0.0	2.9	1.2	6.2	0.0	3.1	0.2	0.6	0.0
	DAY-HR	16-21	24-15	05-13	25-23	23-03	02-16	23-05	06-18	23-13	14-16	15-20	13-15	SEP
	# OBS	739	669	741	717	743	718	742	743	681	742	717	712	8664
1988	MEAN	14.6	-	-	-	-	-	-	-	13.7	12.5	17.0	14.8	14.6
	MAXIMUM	22.0	-	-	-	-	-	-	-	21.2	22.6	26.0	31.5	31.5
	DAY-HR	26-18	-	-	-	-	-	-	-	22-05	07-17	09-00	19-13	DEC
	MINIMUM	0.2	-	-	-	-	-	-	-	4.9	0.0	5.1	0.0	0.0
	DAY-HR	29-19	-	-	-	-	-	-	-	24-11	18-00	04-06	16-17	DEC
	# OBS	688	-	-	-	-	-	-	-	211	741	719	741	3100
1989	MEAN	17.6	12.7	12.6	13.9	16.1	14.8	16.2	14.7	12.1	11.9	12.6	11.8	14.1
	MAXIMUM	30.7	27.2	23.3	23.3	24.5	21.8	28.2	16.9	15.9	19.8	24.5	20.4	30.7
	DAY-HR	01-12	04-09	06-21	20-19	12-11	11-04	14-08	02-00	28-09	16-00	22-20	31-14	JAN
	MINIMUM	1.2	0.0	1.2	0.0	3.5	5.2	4.1	13.2	8.9	2.3	0.2	0.0	0.0
	DAY-HR	29-18	08-06	05-06	05-00	04-15	24-13	21-01	02-03	29-15	07-02	30-20	01-01	DEC

	# OBS	534	244	247	609	739	714	670	10	67	740	717	739	6030
1990	MEAN	16.4	15.1	16.0	13.3	15.0	17.3	-	-	-	15.7	13.7	17.9	15.3
	MAXIMUM	26.0	30.9	27.8	23.9	20.6	20.6	-	-	-	22.6	25.3	28.2	30.9
	DAY-HR	15-23	08-09	08-17	22-12	18-05	04-07	-	-	-	07-20	19-18	14-21	FEB
	MINIMUM	0.2	1.0	3.7	3.3	7.2	12.2	-	-	-	7.2	2.3	6.2	0.2
	DAY-HR	19-20	13-08	20-14	28-14	27-20	07-21	-	-	-	24-00	23-23	04-04	JAN
	# OBS	744	618	687	712	735	164	-	-	-	612	719	432	5423
1991	MEAN	11.6	12.2	18.7	17.5	15.5	15.6	14.6	16.0	13.5	12.2	16.4	18.0	15.3
	MAXIMUM	20.8	24.5	32.3	26.8	22.4	22.2	21.0	25.5	21.6	21.4	25.9	28.0	32.3
	DAY-HR	27-23	16-13	19-22	04-16	01-18	26-17	28-09	26-13	06-06	04-04	13-13	27-21	MAR
	MINIMUM	0.6	0.4	3.7	7.8	7.2	7.0	1.6	0.2	0.0	3.7	2.5	0.2	0.0
	DAY-HR	30-02	24-18	01-00	10-11	22-16	30-15	09-19	08-14	20-05	09-02	30-18	19-15	SEP
	# OBS	382	671	743	712	736	714	738	731	710	741	720	742	8340
1992	MEAN	13.2	12.7	17.2	11.3	10.0	15.7	14.0	16.9	11.9	14.4	14.4	16.2	13.7
	MAXIMUM	29.0	30.3	24.5	21.4	21.6	23.7	29.0	22.9	31.9	26.0	25.3	26.2	31.9
	DAY-HR	15-18	14-07	23-13	03-06	07-05	13-21	26-08	11-13	11-07	24-08	10-17	06-12	SEP
	MINIMUM	0.4	0.2	4.3	0.2	0.4	3.3	7.4	11.5	0.4	3.5	0.2	2.5	0.2
	DAY-HR	11-00	24-22	02-13	26-08	22-20	03-08	21-21	31-17	14-11	09-12	01-23	14-12	NOV
	# OBS	741	688	739	715	740	719	738	365	712	738	535	246	7676
1993	MEAN	14.4	-	-	-	-	13.8	14.0	13.2	11.0	12.6	16.3	18.5	14.2
	MAXIMUM	22.9	-	-	-	-	21.6	23.3	24.1	19.8	20.8	26.2	29.0	29.0
	DAY-HR	17-21	-	-	-	-	24-20	19-11	13-19	06-09	16-07	19-18	06-08	DEC
	MINIMUM	1.0	-	-	-	-	7.6	2.7	0.2	0.2	0.6	0.4	1.0	0.2
	DAY-HR	08-21	-	-	-	-	23-05	24-14	19-00	04-09	14-04	03-00	28-07	SEP
	# OBS	211	-	-	-	-	334	738	741	716	741	717	743	4941
1994	MEAN	14.0	13.9	16.8	17.6	17.8	17.2	17.5	16.6	14.6	16.1	19.1	18.9	16.8
	MAXIMUM	26.6	28.8	30.9	26.4	24.5	23.5	47.2	24.5	21.2	25.3	26.6	28.2	47.2
	DAY-HR	24-08	16-14	15-23	21-03	28-05	30-01	22-08	12-20	15-17	21-03	20-12	10-10	JUL
	MINIMUM	0.2	0.4	2.5	8.7	10.9	8.4	2.9	9.3	4.7	2.9	9.3	3.9	0.2
	DAY-HR	16-11	14-21	25-00	15-16	10-14	18-20	16-01	11-23	19-21	02-08	14-01	25-14	JAN
	# OBS	742	653	741	719	740	719	740	338	495	740	718	744	8089
1995	MEAN	13.3	8.6	12.1	15.6	15.2	15.4	15.3	15.8	12.9	16.4	15.1	14.1	14.2
	MAXIMUM	23.7	19.4	23.5	28.6	22.9	22.7	23.1	23.1	21.0	23.7	22.0	27.4	28.6
	DAY-HR	15-21	07-05	30-09	16-16	11-23	15-19	11-06	03-08	30-21	11-22	04-06	17-16	APR
	MINIMUM	0.0	0.2	0.0	0.2	4.5	2.7	1.9	6.8	1.4	1.7	6.0	0.8	0.0
	DAY-HR	11-20	05-02	08-11	29-01	19-22	21-21	20-03	27-21	12-13	30-15	25-10	25-03	MAR
	# OBS	699	672	744	717	741	719	741	743	715	738	713	742	8684
1996	MEAN	12.5	14.8	14.4	15.2	12.1	14.5	15.3	14.1	14.5	15.7	15.5	15.5	14.5
	MAXIMUM	53.7	31.9	25.1	29.0	22.2	22.4	22.0	22.4	23.7	24.1	25.5	27.8	53.7
	DAY-HR	27-11	22-08	03-16	09-20	17-22	05-06	29-17	18-08	19-18	23-17	27-14	04-07	JAN
	MINIMUM	0.0	0.0	1.2	2.5	0.6	3.3	6.2	7.4	5.8	5.8	1.2	0.2	0.0
	DAY-HR	02-22	04-01	21-14	30-18	08-22	30-19	02-00	31-22	01-01	07-21	15-11	30-07	FEB
	# OBS	714	560	744	739	741	718	840	791	717	738	696	743	8741
1997	MEAN	10.8	16.9	14.5	15.4	11.7	15.9	16.0	14.1	13.1	15.1	14.4	17.7	14.6
	MAXIMUM	27.6	25.1	25.3	23.3	22.7	24.7	26.8	24.5	22.9	23.9	25.5	29.2	29.2
	DAY-HR	17-15	16-18	07-09	29-19	03-19	29-13	31-01	02-23	27-16	28-06	26-13	04-01	DEC
	MINIMUM	0.2	2.5	1.4	6.8	0.8	7.8	8.2	6.8	2.9	2.9	0.2	6.8	0.2
	DAY-HR	06-22	26-00	18-06	24-03	23-04	21-22	30-19	31-14	14-05	20-12	08-19	11-18	NOV
	# OBS	738	660	739	711	741	716	737	737	719	738	704	743	8683
1998	MEAN	12.4	15.7	14.9	17.8	17.2	15.5	15.8	14.2	14.2	16.3	18.1	17.8	15.8
	MAXIMUM	21.2	26.0	25.5	26.6	24.5	23.3	21.6	22.2	21.6	22.0	29.0	31.7	31.7
	DAY-HR	18-11	22-07	25-12	10-20	21-10	24-11	14-22	21-03	30-18	01-13	08-19	05-08	DEC
	MINIMUM	1.7	1.4	5.4	1.4	11.1	9.9	9.7	6.4	4.1	3.1	9.7	3.1	1.4
	DAY-HR	28-20	05-07	21-01	28-01	30-14	04-23	11-18	09-20	28-13	24-00	13-06	28-20	APR
	# OBS	715	667	720	692	714	694	737	786	714	743	719	738	8639
1999	MEAN	14.7	18.0	17.6	16.7	15.6	15.5	15.5	16.5	15.0	14.5	17.4	14.5	15.9
	MAXIMUM	25.3	27.0	24.5	27.2	24.9	22.6	23.5	29.5	24.7	24.1	26.2	25.5	29.5
	DAY-HR	25-16	04-00	21-23	09-21	10-13	17-23	28-08	16-17	02-13	11-18	27-22	06-21	AUG
	MINIMUM	0.4	3.5	3.5	7.4	5.4	5.4	6.6	7.0	9.1	0.2	7.4	0.4	0.2
	DAY-HR	09-15	28-12	01-05	22-02	22-03	11-21	04-08	08-20	22-14	19-10	10-16	27-10	OCT
	# OBS	740	660	721	719	740	718	736	739	707	721	696	742	8639
2000	MEAN	17.3	15.6	16.8	17.4	3.5	13.8	17.2	17.6	14.1	17.6	18.3	16.7	15.6
	MAXIMUM	25.9	26.4	28.2	27.8	19.1	19.6	25.9	26.2	23.5	24.7	27.4	28.4	28.4
	DAY-HR	28-19	21-20	18-14	04-01	04-19	29-21	18-20	31-16	01-09	16-21	17-17	13-00	DEC
	MINIMUM	1.9	3.9	2.3	0.0	0.0	5.8	0.8	6.6	2.3	7.4	0.4	7.0	0.0
	DAY-HR	01-05	16-15	31-06	15-07	31-07	27-08	31-17	01-21	28-15	01-12	03-06	27-04	MAY
	# OBS	731	691	730	706	731	210	736	735	710	730	716	743	8169
2001	MEAN	16.9	17.0	15.7	19.4	14.8	15.7	16.2	17.0	15.9	16.0	15.9	17.9	16.5
	MAXIMUM	26.4	28.2	26.0	27.0	22.6	23.1	22.0	23.9	23.5	24.5	24.9	28.8	28.8
	DAY-HR	25-17	15-20	10-18	02-22	26-00	16-17	31-05	30-01	23-12	29-09	30-12	14-01	DEC
	MINIMUM	0.0	3.1	3.1	11.9	7.2	8.7	9.3	6.6	6.2	3.1	1.9	1.2	0.0
	DAY-HR	02-07	26-03	19-21	16-20	19-04	25-06	29-21	21-06	16-09	28-11	28-10	27-08	JAN

	# OBS	741	668	738	712	740	713	737	732	703	733	719	742	8678
POR	MEAN	14.2	13.8	15.5	15.8	13.4	15.4	15.5	15.3	13.2	14.6	15.7	16.1	14.9
	MAXIMUM	53.7	31.9	32.3	29.0	24.9	24.7	47.2	29.5	31.9	26.0	29.5	31.7	53.7
	YEAR	1996	1996	1991	1996	1999	1997	1994	1999	1992	1992	1987	1998	JAN/1996
	MINIMUM	0.0	0.0	0.0	0.0	0.0	2.7	0.8	0.2	0.0	0.0	0.0	0.0	0.0
	YEAR	2001	1996	1995	2000	2000	1995	2000	1993	1991	1988	1985	1989	JAN/2001
	# OBS	11345	9459	9830	9925	10320	8616	9630	8766	10166	13163	12662	12523	126405

STATION: 51002 -- POR (9/1984 - 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
1984	MEAN	-	-	-	-	-	-	-	-	14.5	17.5	20.6	20.5	18.5
	MAXIMUM	-	-	-	-	-	-	-	-	26.8	30.3	30.9	40.4	40.4
	DAY-HR	-	-	-	-	-	-	-	-	08-22	08-16	19-04	26-20	DEC
	# OBS	-	-	-	-	-	-	-	-	576	743	715	743	2777
1985	MEAN	14.6	16.2	23.7	11.7	-	-	-	17.6	13.9	16.5	10.5	15.3	15.0
	MAXIMUM	29.7	27.6	31.9	19.1	-	-	-	32.5	26.2	28.6	23.9	28.8	32.5
	DAY-HR	06-07	08-13	02-20	13-14	-	-	-	08-17	19-17	07-23	26-15	31-16	AUG
	# OBS	742	669	55	26	-	-	-	575	718	743	717	744	4989
1986	MEAN	15.2	11.1	16.4	19.3	15.5	17.2	-	-	14.6	16.5	19.3	18.6	16.4
	MAXIMUM	31.7	25.7	29.7	32.5	27.4	22.9	-	-	25.9	25.7	33.6	28.0	33.6
	DAY-HR	01-15	16-12	13-22	09-12	12-21	01-01	-	-	25-01	05-21	28-10	18-14	NOV
	# OBS	744	669	741	719	739	46	-	-	295	741	705	744	6143
1987	MEAN	19.7	13.1	17.0	17.9	12.6	17.4	16.3	16.3	13.9	17.3	20.0	19.1	16.8
	MAXIMUM	35.4	31.3	29.5	30.9	27.2	29.5	24.7	27.6	26.0	30.5	36.9	33.6	36.9
	DAY-HR	12-15	15-07	20-10	02-10	03-00	17-11	26-13	22-09	18-18	22-09	28-12	18-20	NOV
	# OBS	739	669	741	717	743	718	742	743	681	742	717	712	8664
1988	MEAN	17.5	-	-	-	-	-	-	-	16.5	15.0	20.3	18.0	17.6
	MAXIMUM	26.6	-	-	-	-	-	-	-	26.2	27.6	31.7	37.5	37.5
	DAY-HR	08-11	-	-	-	-	-	-	-	22-05	07-17	22-04	31-22	DEC
	# OBS	687	-	-	-	-	-	-	-	211	741	719	741	3099
1989	MEAN	21.2	15.5	15.1	16.7	19.3	17.8	19.5	17.3	14.5	14.2	15.2	14.4	17.0
	MAXIMUM	39.3	32.1	27.0	31.9	28.2	26.8	34.8	19.8	19.1	23.1	28.6	30.1	39.3
	DAY-HR	01-12	04-09	06-21	15-21	27-06	06-05	14-08	02-00	28-09	16-00	22-20	10-06	JAN
	# OBS	534	244	247	609	738	714	670	10	67	740	717	739	6029
1990	MEAN	19.7	18.4	19.1	15.8	17.9	20.4	-	-	-	18.6	16.6	21.4	18.3
	MAXIMUM	34.4	37.9	36.7	28.2	25.5	25.9	-	-	-	26.4	30.3	33.6	37.9
	DAY-HR	12-16	08-00	08-17	22-12	18-04	04-07	-	-	-	11-20	19-19	14-21	FEB
	# OBS	744	618	687	712	732	164	-	-	-	612	719	432	5420
1991	MEAN	13.9	14.8	22.3	20.7	18.4	18.4	17.3	18.9	16.1	14.6	19.4	21.3	18.2
	MAXIMUM	25.9	30.7	38.7	32.1	27.2	26.6	27.0	30.7	26.6	26.2	32.9	34.2	38.7
	DAY-HR	17-12	16-20	19-22	04-16	30-10	26-17	26-21	26-13	06-06	07-21	13-13	27-20	MAR
	# OBS	382	671	743	712	735	714	738	731	710	740	720	740	8336
1992	MEAN	15.9	15.4	20.4	13.7	12.1	18.5	16.6	19.9	14.4	17.1	17.2	19.4	16.4
	MAXIMUM	36.4	37.1	29.7	26.8	26.6	34.0	34.2	28.8	38.1	31.3	31.9	32.3	38.1
	DAY-HR	31-20	14-06	23-13	29-16	07-05	16-01	26-08	11-15	11-07	24-19	10-16	06-15	SEP
	# OBS	741	688	739	715	739	719	738	365	712	738	535	246	7675
1993	MEAN	17.4	-	-	-	-	16.5	16.8	15.9	13.4	15.2	19.4	22.1	17.1
	MAXIMUM	28.6	-	-	-	-	24.9	27.8	29.9	23.5	25.1	32.9	37.7	37.7
	DAY-HR	17-21	-	-	-	-	24-20	19-11	14-09	06-09	16-07	19-16	05-16	DEC
	# OBS	211	-	-	-	-	334	738	741	716	741	717	743	4941
1994	MEAN	16.8	16.6	20.2	21.0	20.9	20.2	20.7	19.6	17.2	19.1	22.7	22.6	19.9
	MAXIMUM	34.0	34.4	40.2	31.7	30.1	29.0	60.1	28.6	26.2	31.1	34.4	35.6	60.1
	DAY-HR	24-08	16-14	16-16	21-04	28-05	30-01	22-08	12-20	10-18	21-03	19-19	11-07	JUL
	# OBS	742	653	741	719	740	719	740	338	495	740	718	744	8089
1995	MEAN	16.3	10.7	14.7	18.5	18.0	18.3	18.1	18.7	15.4	19.3	17.9	16.9	16.9
	MAXIMUM	28.0	22.9	29.4	37.1	29.4	27.0	29.0	28.4	24.7	29.0	26.6	34.0	37.1
	DAY-HR	15-21	11-06	30-09	16-19	10-23	15-19	11-06	03-08	29-20	11-22	25-09	17-10	APR
	# OBS	699	672	744	717	741	719	741	743	715	738	713	742	8684
1996	MEAN	15.3	18.0	17.2	18.2	14.5	17.2	18.0	16.6	17.2	18.7	18.5	18.5	17.3
	MAXIMUM	77.6	39.7	34.0	34.8	25.9	29.4	29.4	25.9	29.0	37.5	35.2	38.1	77.6
	DAY-HR	27-12	22-08	03-16	18-17	17-22	25-19	30-08	17-02	19-11	16-17	18-17	04-07	JAN
	# OBS	713	560	744	739	741	718	840	791	717	738	696	743	8740

1997	MEAN	13.1	20.2	17.3	18.2	14.0	18.9	18.8	16.8	15.8	18.1	17.2	21.0	17.4
	MAXIMUM	31.9	29.0	33.6	29.4	26.8	29.2	32.3	30.7	29.0	30.1	34.0	34.4	34.4
	DAY-HR	17-15	16-18	07-02	29-19	03-19	29-16	30-22	02-23	07-21	27-23	26-13	04-16	DEC
	# OBS	738	660	739	711	741	716	737	737	719	738	704	743	8683
1998	MEAN	15.0	18.9	17.8	21.3	20.4	18.3	18.9	17.0	16.9	19.3	21.4	21.3	18.9
	MAXIMUM	25.3	34.0	32.9	32.7	29.5	31.3	26.8	30.9	25.9	28.0	33.0	39.1	39.1
	DAY-HR	18-10	24-18	25-12	03-10	20-09	24-11	22-19	21-03	30-18	03-05	08-16	05-08	DEC
	# OBS	715	667	720	692	714	694	737	786	713	743	719	738	8638
1999	MEAN	17.7	21.4	21.1	19.9	18.5	18.4	18.4	19.6	17.9	17.3	20.6	17.5	19.0
	MAXIMUM	31.7	33.2	32.3	34.8	29.4	27.4	28.8	34.8	29.4	29.9	31.7	30.1	34.8
	DAY-HR	25-16	03-21	23-22	09-21	10-13	16-20	28-08	16-15	02-13	08-17	30-06	06-12	AUG
	# OBS	740	660	721	719	740	718	733	739	707	721	696	742	8636
2000	MEAN	20.7	18.7	20.0	20.6	5.8	16.4	20.5	21.0	16.9	21.2	22.2	20.0	18.8
	MAXIMUM	31.5	30.9	34.4	34.6	22.0	23.9	30.9	31.3	28.4	34.4	33.6	34.4	34.6
	DAY-HR	28-08	21-23	18-14	04-01	04-19	29-20	05-00	31-16	01-09	10-10	17-17	12-23	APR
	# OBS	731	691	730	705	731	211	732	724	704	725	715	742	8141
2001	MEAN	20.7	20.5	19.1	23.5	17.6	18.7	19.4	20.4	19.0	19.2	19.2	22.1	20.0
	MAXIMUM	35.8	37.9	33.0	35.0	28.8	26.2	27.2	28.6	28.8	30.3	30.7	37.9	37.9
	DAY-HR	23-08	15-20	10-23	02-22	08-19	16-17	17-18	31-13	23-11	08-13	30-12	14-23	DEC
	# OBS	741	667	735	709	738	710	734	728	691	730	718	742	8643
POR	MEAN	17.1	16.7	18.6	18.9	16.1	18.3	18.4	18.2	15.8	17.5	18.8	19.4	17.8
	MAXIMUM	77.6	39.7	40.2	37.1	30.1	34.0	60.1	34.8	38.1	37.5	36.9	40.4	77.6
	YEAR	1996	1996	1994	1995	1994	1992	1994	1999	1992	1996	1987	1984	JAN/1996
	# OBS	11343	9458	9827	9921	10312	8614	9620	8751	10147	13154	12660	12520	126327

STATION: 51002 -- POR (6/2000 - 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
2000	MEAN	-	-	-	-	-	16.4	22.0	22.5	18.1	22.7	23.7	21.4	21.4
	MAXIMUM	-	-	-	-	-	27.8	32.9	35.2	31.3	34.4	37.5	36.2	37.5
	DAY-HR	-	-	-	-	-	29-19	26-10	22-19	01-09	10-09	18-12	12-23	NOV
	MINIMUM	-	-	-	-	-	0.8	2.5	8.2	4.5	11.5	2.9	9.7	0.8
	DAY-HR	-	-	-	-	-	20-21	31-17	01-21	28-15	01-12	03-05	09-00	JUN
	# OBS	-	-	-	-	-	261	722	713	694	728	711	741	4570
2001	MEAN	22.2	21.9	20.4	25.0	18.9	20.1	20.6	21.8	20.3	20.4	20.6	23.8	21.3
	MAXIMUM	37.1	37.9	36.0	36.7	28.8	28.6	28.4	31.9	31.9	34.6	31.5	41.4	41.4
	DAY-HR	23-11	15-19	10-20	11-13	08-18	10-19	18-12	30-01	23-12	29-09	09-05	12-16	DEC
	MINIMUM	3.3	6.4	8.2	15.0	10.1	11.9	15.2	9.9	9.5	5.6	7.2	3.5	3.3
	DAY-HR	02-06	07-03	19-20	17-00	06-14	25-05	08-19	26-19	14-01	28-11	28-10	27-08	JAN
	# OBS	741	666	735	710	736	707	727	722	685	730	718	741	8618
POR	MEAN	22.2	21.9	20.4	25.0	18.9	19.1	21.3	22.2	19.2	21.5	22.2	22.6	21.4
	MAXIMUM	37.1	37.9	36.0	36.7	28.8	28.6	32.9	35.2	31.9	34.6	37.5	41.4	41.4
	YEAR	2001	2001	2001	2001	2001	2001	2000	2000	2001	2001	2000	2001	DEC/2001
	MINIMUM	3.3	6.4	8.2	15.0	10.1	0.8	2.5	8.2	4.5	5.6	2.9	3.5	0.8
	YEAR	2001	2001	2001	2001	2001	2000	2000	2000	2000	2001	2000	2001	JUN/2000
	# OBS	741	666	735	710	736	968	1449	1435	1379	1458	1429	1482	13188

STATION: 51002 -- POR (9/1984 - 12/2001)

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

ELEMENT: SIGNIFICANT WAVE HEIGHT (METERS)

YEAR	ELEMENT	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1984	MEAN	-	-	-	-	-	-	-	-	1.6	2.1	2.7	2.8	2.4
	MAXIMUM	-	-	-	-	-	-	-	-	2.5	3.5	4.4	5.3	5.3
	DAY-HR	-	-	-	-	-	-	-	-	29-20	09-21	20-17	10-08	DEC
	# OBS	-	-	-	-	-	-	-	-	572	740	710	740	2762
1985	MEAN	2.7	2.3	3.7	2.2	2.4	2.0	2.2	2.1	2.0	2.2	2.1	2.7	2.4
	MAXIMUM	5.7	3.8	5.3	3.3	3.9	2.9	4.0	4.6	3.2	3.5	4.0	5.0	5.7
	DAY-HR	15-11	01-00	08-15	03-01	11-10	19-05	26-18	08-18	07-22	08-11	20-16	11-02	JAN
	# OBS	742	663	740	717	741	718	740	741	718	739	715	744	8718

1986	MEAN	2.5	2.6	2.7	2.7	2.1	2.1	-	-	1.9	2.3	3.0	2.9	2.5
	MAXIMUM	4.0	5.5	4.1	4.2	3.5	3.0	-	-	3.3	4.3	4.8	4.8	5.5
	DAY-HR	22-13	23-22	16-03	10-04	13-02	01-01	-	-	25-11	05-07	28-19	10-11	FEB
	# OBS	743	668	740	719	738	46	-	-	296	739	698	744	6131
1987	MEAN	3.2	2.5	2.6	2.6	2.0	2.2	2.0	2.1	2.0	2.1	3.0	2.8	2.4
	MAXIMUM	5.7	4.7	4.0	4.7	3.7	3.2	3.1	3.5	3.4	3.0	5.3	4.5	5.7
	DAY-HR	11-08	02-16	12-17	02-16	08-20	15-22	31-08	28-04	16-15	24-17	27-10	01-03	JAN
	# OBS	739	669	741	715	742	717	739	738	678	740	717	712	8647
1988	MEAN	2.7	-	-	-	-	-	-	-	2.0	1.9	2.6	2.6	2.4
	MAXIMUM	4.3	-	-	-	-	-	-	-	3.1	2.9	4.2	5.5	5.5
	DAY-HR	23-07	-	-	-	-	-	-	-	22-20	08-03	05-11	31-20	DEC
	# OBS	661	-	-	-	-	-	-	-	205	739	717	740	3062
1989	MEAN	3.2	2.3	2.0	2.3	2.4	2.2	2.5	2.1	2.4	1.9	2.3	2.4	2.4
	MAXIMUM	5.7	4.0	3.1	3.4	3.3	3.2	4.4	2.2	2.9	3.2	4.9	3.9	5.7
	DAY-HR	01-09	25-15	24-15	08-03	28-20	11-14	19-01	02-03	28-21	02-04	17-13	26-06	JAN
	# OBS	533	244	247	606	720	695	642	10	66	729	717	737	5946
1990	MEAN	3.1	3.0	2.7	2.1	2.2	2.6	-	-	-	2.2	2.6	3.0	2.6
	MAXIMUM	4.4	6.2	4.7	3.3	3.5	3.2	-	-	-	3.3	4.9	5.2	6.2
	DAY-HR	10-06	08-15	09-16	22-18	05-02	05-19	-	-	-	07-08	26-00	15-04	FEB
	# OBS	744	671	737	708	727	165	-	-	-	601	716	430	5499
1991	MEAN	2.3	2.6	3.2	2.7	2.4	2.2	2.0	2.4	2.0	1.7	2.6	3.1	2.4
	MAXIMUM	4.6	4.0	5.5	4.5	3.3	3.2	3.6	3.6	3.1	2.6	3.7	5.7	5.7
	DAY-HR	29-08	16-09	18-14	06-19	12-23	26-21	26-21	26-03	11-19	14-07	08-22	21-00	DEC
	# OBS	382	668	739	705	723	696	725	711	696	730	718	738	8231
1992	MEAN	2.7	2.6	2.7	2.1	1.8	2.1	1.9	2.4	2.1	2.2	2.5	2.8	2.3
	MAXIMUM	5.7	4.2	3.8	3.2	3.7	3.4	4.3	3.5	6.0	4.3	4.2	4.9	6.0
	DAY-HR	15-20	26-10	18-15	29-17	07-08	14-15	26-13	11-03	11-10	24-18	29-00	06-15	SEP
	# OBS	741	685	738	714	731	713	728	362	705	732	523	241	7613
1993	MEAN	2.5	-	-	-	-	1.9	2.2	2.2	1.8	2.0	2.5	3.2	2.3
	MAXIMUM	4.8	-	-	-	-	2.9	3.5	4.3	2.6	3.1	3.8	5.2	5.2
	DAY-HR	06-15	-	-	-	-	19-05	26-00	17-01	07-07	09-09	25-02	06-09	DEC
	# OBS	211	-	-	-	-	327	728	729	709	741	717	741	4903
1994	MEAN	2.7	2.4	3.0	2.7	2.5	2.3	2.5	2.4	2.1	2.4	3.2	3.4	2.7
	MAXIMUM	4.5	3.9	6.0	4.2	3.7	3.2	8.6	3.5	2.7	3.7	5.0	5.7	8.6
	DAY-HR	25-00	07-09	16-19	22-12	27-19	30-05	22-09	12-21	17-16	21-13	20-12	11-16	JUL
	# OBS	742	642	735	717	735	716	709	332	494	737	718	744	8021
1995	MEAN	2.9	2.3	2.8	-	-	1.4	2.1	2.1	1.9	2.2	2.2	2.5	2.3
	MAXIMUM	5.3	5.3	4.0	-	-	1.9	2.8	3.2	4.1	3.2	3.9	4.3	5.3
	DAY-HR	31-14	01-06	05-06	-	-	23-12	11-09	03-18	22-23	21-04	23-22	17-22	FEB
	# OBS	737	672	141	-	-	199	741	742	715	737	713	742	6139
1996	MEAN	2.5	3.0	2.4	2.5	1.8	2.1	2.1	1.8	2.1	2.3	2.7	2.9	2.3
	MAXIMUM	5.7	5.3	4.3	3.5	3.1	3.1	2.9	2.8	3.7	3.5	5.3	5.3	5.7
	DAY-HR	11-18	22-10	16-16	11-03	01-14	25-22	31-21	13-09	19-13	28-19	15-12	08-17	JAN
	# OBS	735	687	744	739	739	714	840	791	716	738	696	743	8882
1997	MEAN	2.3	3.0	2.4	2.2	1.8	2.2	2.2	1.9	2.1	2.3	2.4	2.9	2.3
	MAXIMUM	4.3	4.3	4.4	4.1	2.8	3.6	3.7	3.0	4.2	4.3	4.2	6.0	6.0
	DAY-HR	18-21	24-03	07-17	03-07	16-18	30-23	01-04	02-23	24-14	29-00	26-10	04-14	DEC
	# OBS	738	659	739	709	741	716	736	737	716	738	703	742	8674
1998	MEAN	2.8	2.9	2.5	2.8	2.5	2.1	2.2	2.2	2.0	2.3	2.8	3.1	2.5
	MAXIMUM	5.5	4.7	4.4	4.7	3.6	3.1	3.0	4.9	3.0	3.4	4.5	6.2	6.2
	DAY-HR	29-17	14-19	14-23	12-06	22-15	25-11	14-00	27-03	30-19	04-17	30-23	05-23	DEC
	# OBS	715	665	719	692	712	692	735	779	701	740	716	734	8600
1999	MEAN	2.7	3.1	2.8	2.6	2.2	2.2	2.2	2.2	2.1	2.1	2.6	2.8	2.5
	MAXIMUM	4.7	5.6	4.3	4.3	2.9	3.2	3.7	5.7	3.2	3.3	4.3	5.4	5.7
	DAY-HR	01-18	04-20	22-00	11-04	26-14	30-10	28-13	16-14	02-05	28-04	30-09	05-21	AUG
	# OBS	736	660	715	717	730	699	718	708	704	721	696	742	8546
2000	MEAN	2.7	2.5	2.8	2.6	0.4	1.9	2.3	2.4	2.1	2.7	3.1	2.6	2.4
	MAXIMUM	4.5	4.1	4.9	4.7	2.6	2.6	3.3	3.8	3.5	3.9	5.1	4.7	5.1
	DAY-HR	08-15	21-03	20-06	04-19	05-12	30-09	07-14	21-19	01-01	21-10	18-09	21-11	NOV
	# OBS	731	691	730	705	706	209	727	711	691	727	715	740	8083
2001	MEAN	2.9	2.8	2.6	2.9	2.0	2.1	2.2	2.3	2.2	2.3	2.6	3.3	2.5
	MAXIMUM	4.7	4.5	4.1	4.3	3.5	2.9	3.1	3.4	3.1	3.5	3.8	5.9	5.9
	DAY-HR	13-07	15-23	10-22	11-16	01-02	10-04	18-16	31-17	23-17	31-18	12-21	14-07	DEC
	# OBS	741	667	736	709	735	704	722	720	683	729	718	742	8606
POR	MEAN	2.7	2.7	2.7	2.5	2.0	2.1	2.2	2.2	2.0	2.2	2.6	2.9	2.4
	MAXIMUM	5.7	6.2	6.0	4.7	3.9	3.6	8.6	5.7	6.0	4.3	5.3	6.2	8.6
	YEAR	1996	1990	1994	2000	1985	1997	1994	1999	1992	1997	1996	1998	JUL/1994
	# OBS	11371	9611	9941	9872	10220	8726	10230	8811	10065	13097	12623	12496	127063

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

		WIND DIRECTION													TOT %	TOT N
WIND SPEED	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	0.1	*	*	*	*	*	*	*	*	*	*	*	-	0.4	42	
1 - 3		0.3	0.3	0.4	0.4	0.5	0.3	0.2	0.1	0.1	0.1	0.1	0.1	2.7	302	
4 - 6		0.4	0.7	1.6	1.4	1.1	0.7	0.2	0.2	0.1	0.1	0.1	0.1	6.8	772	
7 - 10		0.7	1.6	4.2	4.0	1.8	0.9	0.5	0.3	0.3	0.1	0.2	0.4	15.1	1708	
11 - 15		0.6	3.1	11.7	10.3	2.0	0.8	0.3	0.2	0.2	0.2	0.2	0.5	30.1	3420	
16 - 20		0.4	1.4	16.2	14.8	0.9	0.2	0.1	0.1	0.1	0.1	0.1	0.3	34.7	3937	
21 - 24		0.1	0.3	4.6	4.2	0.2	*	*	-	-	*	*	*	9.5	1074	
25 - 33		*	0.1	0.2	0.4	*	-	-	-	-	-	-	-	0.8	88	
34 - 47		-	-	-	-	*	-	-	-	-	-	-	-	0.0	1	
> 48		-	-	-	-	*	-	-	-	-	-	-	-	0.0	1	
TOTAL %	0.1	2.6	7.7	38.9	35.5	6.6	2.9	1.4	0.9	0.7	0.7	0.7	1.5	100.0		
TOTAL N	11	295	870	4415	4022	744	326	157	100	79	81	75	170		11345	

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

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	0.2	*	*	-	0.1	*	*	0.1	-	-	*	0.1		0.5	43	
1 - 3		0.5	0.5	0.4	0.3	0.3	0.2	0.2	0.2	0.3	0.2	0.4	0.3	3.8	359	
4 - 6		0.6	0.7	1.3	1.2	1.1	0.3	0.2	0.3	0.3	0.3	0.6	0.6	7.4	703	
7 - 10		1.4	1.8	4.3	4.6	2.2	0.8	0.4	0.3	0.3	0.3	0.3	0.5	17.2	1631	
11 - 15		1.4	3.6	10.8	10.7	2.8	0.4	0.2	0.2	0.2	0.1	0.1	0.4	30.8	2918	
16 - 20		1.2	1.5	15.0	10.2	1.1	*	*	*	*	-	*	0.3	29.4	2780	
21 - 24		0.1	0.1	5.1	3.5	0.1	-	-	-	-	-	*	*	8.9	846	
25 - 33		-	*	1.1	0.7	*	-	-	-	-	-	-	-	1.9	179	
34 - 47		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0	
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0	
TOTAL %	0.2	5.3	8.2	37.9	31.3	7.6	1.7	1.2	1.0	1.1	1.0	1.4	2.1	100.0		
TOTAL N	16	502	772	3587	2960	719	162	111	93	105	96	136	200		9459	

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

[illegible]

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

[illegible]

> 48	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.1	1.6	3.5	52.5	37.8	2.6	0.2	0.2	0.2	0.3	0.2	0.4	0.5	100.0	
TOTAL N	14	161	347	5207	3747	263	24	20	16	25	20	36	45		9925
(* < 0.05%)															

STATION: 51002

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

Month: MAY

		WIND DIRECTION													TOT %	TOT N
WIND SPEED	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	0.7	0.5	-	-	*	-	-	*	*	0.1	0.4	0.1	0.2	2.1	214	
1 - 3		1.1	0.6	0.3	0.3	0.2	0.1	0.1	0.1	0.7	0.2	1.1	0.1	4.8	493	
4 - 6		0.7	0.9	1.1	1.2	0.5	0.2	0.1	0.1	*	0.1	*	0.1	5.0	514	
7 - 10		1.1	2.5	4.4	3.8	0.8	0.3	0.1	-	-	-	-	*	12.8	1324	
11 - 15		0.7	1.4	14.5	16.1	0.6	0.1	*	-	-	-	-	*	33.4	3449	
16 - 20		*	0.4	22.6	15.7	0.3	-	-	-	-	-	-	-	39.1	4039	
21 - 24		-	*	2.1	0.7	-	-	-	-	-	-	-	-	2.8	286	
25 - 33		-	-	*	-	-	-	-	-	-	-	-	-	0.0	1	
34 - 47		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0	
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0	
TOTAL %		0.7	4.2	5.7	45.0	37.9	2.3	0.6	0.3	0.1	0.8	0.6	1.3	0.4	100.0	
TOTAL N		72	431	592	4644	3907	240	61	35	15	84	67	132	40	10320	
(* < 0.05%)																

STATION: 51002

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

Month: JUN

		WIND DIRECTION													TOT %	TOT N
WIND SPEED	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	0.0	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0	
1 - 3		-	-	*	*	*	-	-	-	-	-	-	-	0.1	5	
4 - 6		-	*	0.1	0.3	0.1	*	-	-	-	-	-	-	0.5	42	
7 - 10		*	0.1	2.3	2.1	0.4	*	-	-	-	-	-	-	4.9	422	
11 - 15		-	0.4	23.8	18.9	0.4	*	-	-	-	-	-	-	43.5	3750	
16 - 20		-	0.2	31.6	16.4	0.1	-	-	-	-	-	-	-	48.3	4161	
21 - 24		-	-	2.1	0.6	-	-	-	-	-	-	-	-	2.7	235	
25 - 33		-	-	-	*	-	-	-	-	-	-	-	-	0.0	1	
34 - 47		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0	
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0	
TOTAL %		0.0	0.0	0.7	59.9	38.3	1.0	0.1	0.0	0.0	0.0	0.0	0.0	100.0		
TOTAL N		0	1	60	5165	3302	83	5	0	0	0	0	0		8616	
(* < 0.05%)																

STATION: 51002

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

Month: JUL

		WIND DIRECTION													TOT %	TOT N
WIND SPEED	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	0.0	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0	
1 - 3		*	0.1	0.1	*	*	*	-	-	-	*	-	*	0.2	22	
4 - 6		0.1	0.1	0.1	0.1	*	0.1	*	-	-	-	-	*	0.5	49	
7 - 10		0.1	0.3	2.2	1.4	0.2	*	0.1	*	-	-	-	*	4.4	423	
11 - 15		0.1	1.0	22.6	18.6	0.5	-	0.1	-	-	-	-	0.1	42.9	4129	
16 - 20		-	0.3	27.2	21.0	0.2	*	*	-	-	-	-	-	48.7	4694	
21 - 24		-	0.1	1.6	1.1	0.1	-	*	*	-	-	-	-	2.9	275	
25 - 33		-	0.2	0.1	0.1	*	-	*	-	-	-	-	-	0.3	29	
34 - 47		*	*	-	-	-	-	*	-	-	-	-	-	0.1	8	
> 48		-	-	-	*	-	-	-	-	-	-	-	-	0.0	1	
TOTAL %		0.0	0.3	2.0	53.8	42.3	1.1	0.1	0.3	0.0	0.0	0.0	0.1	100.0		
TOTAL N		0	28	193	5177	4074	104	11	26	2	0	1	0	14	9630	
(* < 0.05%)																

STATION: 51002

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

Month: AUG

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		0.0	-	-	-	-	-	-	*	*	*	-	-	*	0.1	5
1	- 3		0.1	*	*	*	*	*	*	*	*	-	*	*	0.4	31
4	- 6		0.1	0.2	0.1	0.3	0.1	-	-	-	-	-	*	0.2	0.9	82
7	- 10		0.2	0.6	2.9	3.3	0.5	*	-	-	-	-	0.1	0.2	7.8	682
11	- 15		0.1	1.1	23.8	14.9	0.4	*	-	-	-	-	*	*	40.5	3548

16 - 20		*	0.5	25.9	18.5	0.2	-	-	-	-	-	-	-	45.1	3955
21 - 24		-	0.1	2.8	2.1	*	-	-	-	-	-	-	-	5.1	446
25 - 33		-	*	0.1	*	-	-	-	-	-	-	-	-	0.2	17
34 - 47		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.0	0.6	2.6	55.7	39.1	1.1	0.1	0.1	0.0	0.0	0.0	0.1	0.5	100.0	
TOTAL N	0	52	231	4886	3430	99	5	6	3	3	0	11	40		8766
(* < 0.05%)															

STATION: 51002

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

Month: SEP

WIND DIRECTION															
WIND SPEED	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	TOT %	TOT N
0	0.1	*	-	*	*	*	*	*	-	-	*	-	*	0.3	27
1 - 3		0.1	0.2	0.2	0.4	0.2	0.1	0.2	*	*	*	*	*	1.5	156
4 - 6		0.3	0.7	1.2	1.3	0.7	0.4	0.2	*	*	*	*	0.1	4.9	499
7 - 10		0.6	1.3	6.0	7.3	1.4	0.1	*	-	-	-	-	*	16.7	1699
11 - 15		0.2	0.9	21.6	21.0	1.4	0.3	*	-	-	*	-	-	45.3	4605
16 - 20		-	0.2	15.8	13.4	0.3	*	*	-	-	-	-	-	29.7	3024
21 - 24		-	-	0.6	0.6	*	*	*	-	-	-	-	-	1.3	133
25 - 33		-	-	*	*	0.1	0.1	-	-	-	-	-	-	0.2	22
34 - 47		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48		-	-	*	-	-	-	-	-	-	-	-	-	0.0	1
TOTAL %	0.1	1.1	3.3	45.4	44.0	4.1	1.1	0.5	0.1	0.0	0.1	0.1	0.1	100.0	
TOTAL N	12	115	335	4616	4475	419	108	54	6	2	6	6	12		10166
(* < 0.05%)															

STATION: 51002

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

Month: OCT

WIND DIRECTION															
WIND SPEED	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	TOT %	TOT N
0	0.1	-	-	*	*	*	-	*	*	-	*	-	*	0.1	18
1 - 3		*	*	0.1	*	0.1	0.1	*	*	0.1	*	*	-	0.5	63
4 - 6		0.1	0.1	0.3	0.6	0.4	0.4	*	*	*	-	-	*	1.9	254
7 - 10		0.1	0.4	3.6	5.3	1.4	0.5	0.1	*	-	*	-	*	11.4	1497
11 - 15		0.1	0.9	16.9	22.0	1.9	0.4	0.1	0.1	-	*	*	*	42.5	5593
16 - 20		*	0.3	19.4	18.6	0.7	*	0.1	*	-	*	*	*	39.2	5156
21 - 24		-	*	2.2	2.1	*	-	-	-	-	-	-	-	4.4	574
25 - 33		-	*	*	*	-	-	-	-	-	-	-	-	0.1	8
34 - 47		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.1	0.3	1.8	42.6	48.6	4.4	1.5	0.3	0.2	0.1	0.1	0.0	0.1	100.0	
TOTAL N	9	33	233	5607	6392	585	191	46	25	10	11	5	16		13163
(* < 0.05%)															

STATION: 51002

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

Month: NOV

WIND DIRECTION															
WIND SPEED	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	TOT %	TOT N
0	0.0	*	*	-	*	*	*	*	*	-	-	*	-	0.1	18
1 - 3		0.1	0.1	0.2	0.3	0.3	0.1	0.1	0.1	*	0.1	0.1	0.1	1.5	194
4 - 6		0.2	0.3	0.6	0.6	0.6	0.2	0.1	0.1	0.1	0.1	0.2	0.2	3.4	426
7 - 10		0.3	1.0	2.1	2.9	1.7	0.6	0.4	0.1	0.2	0.1	0.2	0.1	9.5	1208
11 - 15		0.6	1.2	11.9	11.5	1.8	0.4	0.2	0.1	*	*	*	0.1	27.8	3515
16 - 20		0.4	0.7	22.4	18.7	0.8	0.1	0.2	0.1	-	-	-	*	43.4	5497
21 - 24		-	0.1	7.8	5.1	*	-	*	-	-	-	-	-	13.1	1654
25 - 33		-	-	0.7	0.5	-	-	-	-	-	-	-	-	1.2	150
34 - 47		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.0	1.6	3.4	45.7	39.6	5.3	1.5	0.9	0.5	0.3	0.3	0.5	0.5	100.0	
TOTAL N	4	197	434	5788	5011	667	186	110	59	38	38	63	67		12662
(* < 0.05%)															

STATION: 51002

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

Month: DEC

WIND DIRECTION															
WIND SPEED	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	TOT %	TOT N
0	0.0	-	*	*	*	-	*	*	*	-	*	*	-	0.1	18

1 - 3	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	1.3	160
4 - 6	0.2	0.3	0.4	0.5	0.4	0.2	0.1	0.1	0.1	0.1	0.1	0.2	2.7	342
7 - 10	0.5	0.7	2.0	3.7	1.7	0.7	0.2	0.3	0.4	0.3	0.1	0.3	10.9	1364
11 - 15	1.1	1.6	9.6	11.7	2.1	0.6	0.3	0.1	0.1	0.1	*	0.5	27.8	3487
16 - 20	0.4	0.8	18.0	15.4	1.2	0.3	0.1	*	*	-	*	0.1	36.3	4547
21 - 24	0.1	0.2	8.6	6.7	0.3	0.1	-	*	*	-	-	*	16.0	2005
25 - 33	*	*	3.1	1.6	*	*	*	-	-	-	-	-	4.8	600
34 - 47	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.0	2.4	3.8	41.9	39.6	5.9	2.0	0.8	0.6	0.7	0.5	0.4	1.3	100.0
TOTAL N	4	304	474	5245	4962	745	250	98	78	93	68	45	157	12523
(* < 0.05%)														

STATION: 51002

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

All Months: Annual

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	0.1	0.1	*	*	*	*	*	*	*	*	*	*	*	0.3	434	
1 - 3		0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.2	0.1	1.6	2079	
4 - 6		0.3	0.4	0.7	0.7	0.5	0.2	0.1	0.1	0.1	0.1	0.1	0.2	3.4	4313	
7 - 10		0.5	1.1	3.3	3.7	1.2	0.4	0.2	0.1	0.1	0.1	0.1	0.2	11.0	13890	
11 - 15		0.5	1.5	15.6	14.9	1.4	0.3	0.1	0.1	0.1	0.1	0.1	0.2	34.9	44125	
16 - 20		0.3	0.6	21.6	16.3	0.6	0.1	0.1	*	*	*	*	0.1	39.7	50126	
21 - 24		*	0.1	4.7	3.0	0.1	*	*	*	*	*	*	*	7.9	9968	
25 - 33		*	*	0.7	0.4	*	*	*	-	*	-	-	-	1.2	1458	
34 - 47		*	*	-	-	*	-	*	-	-	-	-	-	0.0	9	
> 48		-	-	*	*	*	-	-	-	-	-	-	-	0.0	3	
TOTAL %		0.1	1.9	4.0	46.8	39.2	4.0	1.1	0.6	0.3	0.4	0.4	0.5	0.7	100.0	
TOTAL N		151	2432	5018	59164	49550	5025	1390	734	433	506	470	589	943	126405	
(* < 0.05%)																

STATION: 51002

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

Months: DEC, JAN, FEB (Winter)

		WIND DIRECTION														
WIND	SPEED	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	TOT %	TOT N
	0	0.1	*	*	*	*	*	*	*	*	*	*	*	*	0.3	103
1	- 3		0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.1	0.1	0.1	0.2	0.2	2.5	821
4	- 6		0.4	0.6	1.1	1.0	0.8	0.4	0.2	0.2	0.1	0.2	0.2	0.3	5.5	1817
7	- 10		0.8	1.3	3.4	4.0	1.9	0.8	0.4	0.3	0.4	0.3	0.2	0.4	14.1	4703
11	- 15		1.0	2.7	10.6	11.0	2.3	0.6	0.3	0.2	0.2	0.1	0.1	0.5	29.5	9825
16	- 20		0.6	1.2	16.6	13.7	1.1	0.2	0.1	*	*	0.1	*	0.2	33.8	11264
21	- 24		0.1	0.2	6.2	4.9	0.2	0.1	*	*	*	*	*	*	11.8	3925
25	- 33		*	*	1.6	0.9	*	*	*	-	-	-	-	-	2.6	867
34	- 47		-	-	-	-	*	-	-	-	-	-	-	-	0.0	1
>	48		-	-	-	-	*	-	-	-	-	-	-	-	0.0	1
TOTAL %		0.1	3.3	6.3	39.7	35.8	6.6	2.2	1.1	0.8	0.8	0.7	0.8	1.6	100.0	
TOTAL N		31	1101	2116	13247	11944	2208	738	366	271	277	245	256	527		33327
(* < 0.05%)																

STATION: 51002

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

Months: MAR, APR, MAY (Spring)

WIND DIRECTION															
WIND SPEED	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	TOT %	TOT N
0	0.3	0.2	*	*	*	*	*	*	*	*	0.1	*	0.1	0.9	263
1 - 3		0.5	0.4	0.3	0.2	0.2	0.1	0.1	*	0.3	0.1	0.4	0.1	2.6	787
4 - 6		0.6	0.6	0.8	0.8	0.4	0.1	0.1	0.1	0.1	0.1	0.1	0.2	3.8	1144
7 - 10		0.8	1.8	3.2	3.1	0.9	0.2	0.1	0.1	0.1	0.1	0.2	0.3	10.8	3256
11 - 15		0.7	1.5	13.2	13.4	1.0	0.1	0.1	*	0.1	0.1	0.1	0.2	30.5	9160
16 - 20		0.2	0.3	24.1	15.9	0.4	*	*	*	0.1	*	*	*	41.1	12375
21 - 24		*	*	6.4	2.6	*	-	-	*	*	*	-	*	9.1	2726
25 - 33		-	-	0.9	0.3	*	-	-	-	*	-	-	-	1.2	364
34 - 47		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.3	3.0	4.7	48.8	36.3	2.9	0.5	0.4	0.2	0.6	0.6	0.8	0.9	100.0	
TOTAL N	95	905	1416	14678	10922	860	146	126	67	176	169	248	267		30075
(* < 0.05%)															

STATION: 51002

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

Months: JUN, JUL, AUG (Summer)

WIND DIRECTION

4 - PERCENT FREQUENCY OF AVERAGE WIND SPEED(KNOTS) VS SIGNIFICANT WAVE HEIGHT(METERS)

[illegible]

4 - PERCENT FREQUENCY OF AVERAGE WIND SPEED(KNOTS) VS SIGNIFICANT WAVE HEIGHT(METERS)

		WAVE HEIGHT																	
		0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4	TOT %	TOT N	
WIND SPEED		0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4				
0		*	*	0.3	-	-	-	-	-	-	-	-	-	-	-	-	0.3	28	
1	- 3	-	0.2	1.2	0.1	-	-	-	-	-	-	-	-	-	-	-	1.5	146	
4	- 6	-	0.4	1.7	0.1	-	-	-	-	-	-	-	-	-	-	-	2.2	215	
7	- 10	-	0.8	6.4	0.4	-	-	-	-	-	-	-	-	-	-	-	7.6	752	
11	- 15	-	0.3	19.8	5.8	0.1	-	-	-	-	-	-	-	-	-	-	26.0	2566	
16	- 20	-	*	11.8	29.4	2.1	*	-	-	-	-	-	-	-	-	-	43.3	4277	
21	- 24	*	-	0.2	6.4	4.7	0.1	-	-	-	-	-	-	-	-	-	11.5	1133	
25	- 33	-	-	*	0.1	0.5	*	-	-	-	-	-	-	-	-	-	0.6	63	
34	- 47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0	
> 48		-	0.3	4.6	2.1	-	-	-	-	-	-	-	-	-	-	-	7.0	692	
TOTAL %		0.0	2.0	46.1	44.3	7.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0		
TOTAL N		2	200	4548	4374	732	16	0	0	0	0	0	0	0	0	0		9872	

(* < 0.05%)

4 - PERCENT FREQUENCY OF AVERAGE WIND SPEED(KNOTS) VS SIGNIFICANT WAVE HEIGHT(METERS)

[illegible]

4 - PERCENT FREQUENCY OF AVERAGE WIND SPEED(KNOTS) VS SIGNIFICANT WAVE HEIGHT(METERS)

[illegible]

34 - 47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48	-	0.2	7.3	0.8	-	-	-	-	-	-	-	-	-	-	-	-	8.3	721
TOTAL %	0.0	2.6	76.6	20.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	0	230	6681	1811	4	0	0	0	0	0	0	0	0	0	0	0		8726
(* < 0.05%)																		

STATION: 51002

4 - PERCENT FREQUENCY OF AVERAGE WIND SPEED(KNOTS) VS SIGNIFICANT WAVE HEIGHT(METERS)

Month: JUL

		WAVE HEIGHT																
		0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-		TOT %	TOT N
WIND SPEED		0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	>13.4		
0		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1 - 3		-	*	0.2	-	-	-	-	-	-	-	-	-	-	-	-	0.2	22
4 - 6		-	*	0.4	*	*	-	-	-	-	-	-	-	-	-	-	0.5	48
7 - 10		-	0.6	3.3	0.1	*	-	-	-	-	-	-	-	-	-	-	4.1	417
11 - 15		-	1.5	36.6	1.8	*	-	-	-	-	-	-	-	-	-	-	39.9	4086
16 - 20		-	*	29.7	14.7	0.6	-	*	-	-	-	-	-	-	-	-	45.0	4607
21 - 24		-	-	0.4	1.9	0.3	*	-	-	-	-	-	-	-	-	-	2.6	269
25 - 33		-	-	*	0.1	0.1	0.1	-	-	-	-	-	-	-	-	-	0.3	29
34 - 47		-	-	-	-	*	*	*	*	-	*	-	-	-	-	-	0.1	8
> 48		-	-	5.7	1.4	0.1	-	-	-	-	-	-	-	-	-	-	7.3	744
TOTAL %		0.0	2.2	76.3	20.0	1.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N		0	229	7807	2047	130	11	3	2	0	1	0	0	0	0	0		10230
(* < 0.05%)																		

STATION: 51002

4 - PERCENT FREQUENCY OF AVERAGE WIND SPEED(KNOTS) VS SIGNIFICANT WAVE HEIGHT(METERS)

Month: AUG

		WAVE HEIGHT																
		0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-		TOT %	TOT N
WIND SPEED		0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	>13.4		
0		-	*	*	*	-	-	-	-	-	-	-	-	-	-	-	0.1	5
1 - 3		-	0.1	0.2	*	-	-	-	-	-	-	-	-	-	-	-	0.3	28
4 - 6		-	0.2	0.6	0.1	*	-	-	-	-	-	-	-	-	-	-	0.9	82
7 - 10		-	1.3	5.9	0.4	0.1	-	-	-	-	-	-	-	-	-	-	7.7	678
11 - 15		-	1.7	35.6	2.6	-	*	-	-	-	-	-	-	-	-	-	39.9	3515
16 - 20		-	0.1	24.1	19.7	0.1	-	-	-	-	-	-	-	-	-	-	44.0	3879
21 - 24		-	-	0.4	4.2	0.4	*	-	-	-	-	-	-	-	-	-	5.0	437
25 - 33		-	-	-	*	*	0.1	*	-	-	-	-	-	-	-	-	0.2	16
34 - 47		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48		-	-	1.9	0.1	-	-	-	-	-	-	-	-	-	-	-	1.9	171
TOTAL %		0.0	3.5	68.6	27.1	0.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N		0	307	6046	2388	58	9	3	0	0	0	0	0	0	0	0		8811
(* < 0.05%)																		

STATION: 51002

4 - PERCENT FREQUENCY OF AVERAGE WIND SPEED(KNOTS) VS SIGNIFICANT WAVE HEIGHT(METERS)

Month: SEP

		WAVE HEIGHT																
		0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-		TOT %	TOT N
WIND SPEED		0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	>13.4		
0		-	0.1	0.2	-	-	-	-	-	-	-	-	-	-	-	-	0.3	27
1 - 3		-	0.7	0.9	-	-	-	-	-	-	-	-	-	-	-	-	1.5	155
4 - 6		-	2.0	2.9	0.1	-	-	-	-	-	-	-	-	-	-	-	4.9	494
7 - 10		-	4.5	11.6	0.6	0.1	-	-	-	-	-	-	-	-	-	-	16.8	1688
11 - 15		*	2.2	40.3	2.5	0.3	-	-	-	-	-	-	-	-	-	-	45.2	4553
16 - 20		-	*	20.3	9.2	0.1	*	-	-	-	-	-	-	-	-	-	29.7	2991
21 - 24		-	-	0.2	0.9	0.1	*	-	-	-	-	-	-	-	-	-	1.3	132
25 - 33		-	-	-	*	*	0.1	*	-	-	-	-	-	-	-	-	0.2	21
34 - 47		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48		-	*	*	*	-	-	-	-	-	-	-	-	-	-	-	0.0	4
TOTAL %		0.0	9.5	76.4	13.3	0.6	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N		1	954	7693	1337	59	16	5	0	0	0	0	0	0	0	0		10065
(* < 0.05%)																		

STATION: 51002

4 - PERCENT FREQUENCY OF AVERAGE WIND SPEED(KNOTS) VS SIGNIFICANT WAVE HEIGHT(METERS)

Month: OCT

		WAVE HEIGHT																
		0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-		TOT %	TOT N
WIND SPEED		0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	>13.4		

4 - PERCENT FREQUENCY OF AVERAGE WIND SPEED(KNOTS) VS SIGNIFICANT WAVE HEIGHT(METERS)
Months: DEC, JAN, FEB (winter)

		WAVE HEIGHT															TOT %	TOT N
		0.0- 0.4	0.5- 1.4	1.5- 2.4	2.5- 3.4	3.5- 4.4	4.5- 5.4	5.5- 6.4	6.5- 7.4	7.5- 8.4	8.5- 9.4	9.5- 10.4	10.5- 11.4	11.5- 12.4	12.5- 13.4	>13.4		
WIND SPEED	0	-	*	0.2	0.1	*	*	-	-	-	-	-	-	-	-	-	0.3	102
1	- 3	-	0.1	1.3	0.9	0.1	*	*	-	-	-	-	-	-	-	-	2.4	815
4	- 6	-	0.2	3.2	1.6	0.3	0.1	-	-	-	-	-	-	-	-	-	5.4	1811
7	- 10	-	0.4	8.5	4.4	0.7	0.1	*	-	-	-	-	-	-	-	-	14.0	4696
11	- 15	-	0.2	15.0	12.2	1.6	0.1	-	-	-	-	-	-	-	-	-	29.3	9796
16	- 20	-	*	6.9	22.5	3.9	0.2	*	-	-	-	-	-	-	-	-	33.5	11231
21	- 24	-	*	0.2	4.9	5.7	1.0	*	-	-	-	-	-	-	-	-	11.7	3917
25	- 33	-	-	*	0.2	1.2	1.1	0.1	-	-	-	-	-	-	-	-	2.6	866
34	- 47	-	-	-	*	-	-	-	-	-	-	-	-	-	-	-	0.0	1
> 48		-	-	0.1	0.5	0.1	-	-	-	-	-	-	-	-	-	-	0.7	243
TOTAL %		0.0	1.0	35.4	47.1	13.7	2.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N		0	341	11844	15777	4593	873	50	0	0	0	0	0	0	0	0		33478
(* < 0.05%)																		

(* < 0.05%)

4 - PERCENT FREQUENCY OF AVERAGE WIND SPEED(KNOTS) VS SIGNIFICANT WAVE HEIGHT(METERS)
Months: MAR, APR, MAY (Spring)

		WAVE HEIGHT															TOT %	TOT N
		0.0- 0.4	0.5- 0.6	1.5- 2.4	2.5- 3.4	3.5- 4.4	4.5- 5.4	5.5- 6.4	6.5- 7.4	7.5- 8.4	8.5- 9.4	9.5- 10.4	10.5- 11.4	11.5- 12.4	12.5- 13.4	>13.4		
WIND SPEED	0	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	-	0.8	240
	1 - 3	0.6	*	0.1	*	*	-	-	-	-	-	-	-	-	-	-	2.4	726
	4 - 6	1.1	0.4	0.8	0.1	*	-	-	-	-	-	-	-	-	-	-	3.5	1062
	7 - 10	0.1	0.9	2.1	0.3	*	-	-	-	-	-	-	-	-	-	-	3028	
		0.1	1.4	7.6	1.0	*	-	-	-	-	-	-	-	-	-	-	10.1	3028
	11 - 15	*	0.5	21.3	5.9	0.2	-	-	-	-	-	-	-	-	-	-	27.9	8388
	16 - 20	-	*	13.3	23.5	1.7	*	-	-	-	-	-	-	-	-	-	38.5	11564
	21 - 24	*	-	0.2	4.8	3.2	0.2	*	*	-	-	-	-	-	-	-	8.4	2531
	25 - 33	-	-	*	0.1	0.5	0.4	*	-	-	-	-	-	-	-	-	1.1	320
	34 - 47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
	> 48	-	0.2	2.8	2.9	1.0	0.3	-	-	-	-	-	-	-	-	-	7.2	2174
TOTAL %		1.9	3.4	48.3	38.6	6.7	1.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N		572	1036	14510	11584	2027	288	16	0	0	0	0	0	0	0	0	30033	
(* < 0.05%)																		

(* < 0.05%)

4 - PERCENT FREQUENCY OF AVERAGE WIND SPEED(KNOTS) VS SIGNIFICANT WAVE HEIGHT(METERS)
Months: JUN, JUL, AUG (Summer)

		WAVE HEIGHT															TOT %	TOT N
		0.0- 0.4	0.5- 1.4	1.5- 2.4	2.5- 3.4	3.5- 4.4	4.5- 5.4	5.5- 6.4	6.5- 7.4	7.5- 8.4	8.5- 9.4	9.5- 10.4	10.5- 11.4	11.5- 12.4	12.5- 13.4	>13.4		
WIND SPEED	0	-	*	*	*	-	-	-	-	-	-	-	-	-	-	-	0.0	5
1	- 3	-	0.1	0.1	*	-	-	-	-	-	-	-	-	-	-	-	0.2	54
4	- 6	-	0.1	0.5	0.1	*	-	-	-	-	-	-	-	-	-	-	0.6	172
7	- 10	-	1.1	4.1	0.2	*	-	-	-	-	-	-	-	-	-	-	5.4	1508
11	- 15	-	1.4	36.8	2.1	*	*	-	-	-	-	-	-	-	-	-	40.3	11200
16	- 20	-	*	27.1	16.7	0.3	*	*	-	-	-	-	-	-	-	-	44.0	12228
21	- 24	-	-	0.3	2.7	0.3	*	-	-	-	-	-	-	-	-	-	3.3	910
25	- 33	-	-	*	*	0.1	*	*	-	-	-	-	-	-	-	-	0.2	46
34	- 47	-	-	-	-	*	*	*	*	-	*	-	-	-	-	-	0.0	8
> 48		-	0.1	5.0	0.8	0.1	-	-	-	-	-	-	-	-	-	-	5.9	1636
TOTAL %		0.0	2.8	74.0	22.5	0.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N		0	766	20534	6246	192	20	6	2	0	1	0	0	0	0	0		27767
(* < 0.05%)																		

(* < 0.05%)

4 - PERCENT FREQUENCY OF AVERAGE WIND SPEED(KNOTS) VS SIGNIFICANT WAVE HEIGHT(METERS)
Months: SEP, OCT, NOV (Autumn)

[illegible]

STATION: 51002

5 - PERCENT FREQUENCY OF SIGNIFICANT WAVE HEIGHT(METERS) VS DOMINANT WAVE PERIOD(SECONDS)

Month: MAR

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0- 0.4	0.5- 1.4	1.5- 2.4	2.5- 3.4	3.5- 4.4	4.5- 5.4	5.5- 6.4	6.5- 7.4	7.5- 8.4	8.5- 9.4	9.5- 10.4	10.5- 11.4	11.5- 12.4	12.5- 13.4	>13.4		
< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
3.5 - 4.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
4.5 - 5.4	-	*	*	-	-	-	-	-	-	-	-	-	-	-	-	0.1	5
5.5 - 6.4	-	*	0.7	0.1	-	-	-	-	-	-	-	-	-	-	-	0.8	79
6.5 - 7.4	-	*	1.9	1.0	*	-	-	-	-	-	-	-	-	-	-	2.9	291
7.5 - 8.4	-	0.3	6.6	12.5	1.0	-	-	-	-	-	-	-	-	-	-	20.5	2033
8.5 - 9.4	-	0.2	6.1	12.0	4.2	0.1	-	-	-	-	-	-	-	-	-	22.5	2240
9.5 - 10.4	-	0.1	2.3	6.4	4.0	1.4	*	-	-	-	-	-	-	-	-	14.2	1415
10.5 - 11.4	-	0.2	2.9	2.4	1.3	1.3	0.1	-	-	-	-	-	-	-	-	8.1	807
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	0.4	7.4	2.3	0.4	*	-	-	-	-	-	-	-	-	-	10.5	1043
13.5 - 14.4	-	0.1	5.8	6.4	0.4	-	-	-	-	-	-	-	-	-	-	12.8	1268
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	*	1.4	3.7	0.9	-	-	-	-	-	-	-	-	-	-	6.1	602
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	-	0.3	0.9	0.3	-	-	-	-	-	-	-	-	-	-	1.5	154
20.5 - 21.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
21.5 - 22.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
22.5 - 23.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
23.5 - 24.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
24.5 - 25.4	-	-	*	*	-	-	-	-	-	-	-	-	-	-	-	0.0	4
TOTAL %	0.0	1.4	35.4	47.8	12.5	2.7	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	0	138	3522	4747	1246	272	16	0	0	0	0	0	0	0	0		9941

(* < 0.05%)

STATION: 51002

5 - PERCENT FREQUENCY OF SIGNIFICANT WAVE HEIGHT(METERS) VS DOMINANT WAVE PERIOD(SECONDS)

Month: APR

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0- 0.4	0.5- 1.4	1.5- 2.4	2.5- 3.4	3.5- 4.4	4.5- 5.4	5.5- 6.4	6.5- 7.4	7.5- 8.4	8.5- 9.4	9.5- 10.4	10.5- 11.4	11.5- 12.4	12.5- 13.4	>13.4		
< 0.5	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	2
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
3.5 - 4.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
4.5 - 5.4	-	-	*	-	-	-	-	-	-	-	-	-	-	-	-	0.0	3
5.5 - 6.4	-	-	0.9	*	-	-	-	-	-	-	-	-	-	-	-	1.0	95
6.5 - 7.4	-	0.1	3.3	1.1	-	-	-	-	-	-	-	-	-	-	-	4.5	445
7.5 - 8.4	-	0.3	12.0	14.4	0.3	*	-	-	-	-	-	-	-	-	-	27.0	2661
8.5 - 9.4	-	0.8	13.4	16.7	3.4	*	-	-	-	-	-	-	-	-	-	34.3	3386
9.5 - 10.4	-	0.3	6.9	7.2	3.2	0.1	-	-	-	-	-	-	-	-	-	17.7	1746
10.5 - 11.4	-	0.2	2.0	1.0	0.3	*	-	-	-	-	-	-	-	-	-	3.5	344
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	0.3	2.9	0.6	0.1	-	-	-	-	-	-	-	-	-	-	3.9	382
13.5 - 14.4	-	0.1	3.3	2.2	*	-	-	-	-	-	-	-	-	-	-	5.6	555
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	*	1.1	1.0	0.2	-	-	-	-	-	-	-	-	-	-	2.2	221
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	-	0.2	0.1	*	-	-	-	-	-	-	-	-	-	-	0.3	30
20.5 - 21.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
21.5 - 22.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
22.5 - 23.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
23.5 - 24.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
24.5 - 25.4	-	-	*	-	-	-	-	-	-	-	-	-	-	-	-	0.0	1
TOTAL %	0.0	2.0	46.1	44.3	7.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	2	200	4547	4374	732	16	0	0	0	0	0	0	0	0	0		9871

(* < 0.05%)

STATION: 51002

5 - PERCENT FREQUENCY OF SIGNIFICANT WAVE HEIGHT(METERS) VS DOMINANT WAVE PERIOD(SECONDS)

Month: MAY

WAVE HEIGHT													
0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-

WAVE PERIOD	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	>13.4	TOT %	TOT N
< 0.5	5.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.4	551
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
3.5 - 4.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
4.5 - 5.4	-	*	0.1	-	-	-	-	-	-	-	-	-	-	-	-	0.1	8
5.5 - 6.4	-	*	2.1	*	-	-	-	-	-	-	-	-	-	-	-	2.2	224
6.5 - 7.4	-	0.2	9.1	0.8	-	-	-	-	-	-	-	-	-	-	-	10.0	1024
7.5 - 8.4	-	1.8	22.9	8.4	0.1	-	-	-	-	-	-	-	-	-	-	33.2	3390
8.5 - 9.4	-	1.1	11.6	10.0	0.3	-	-	-	-	-	-	-	-	-	-	23.1	2356
9.5 - 10.4	-	1.0	3.2	3.8	0.1	-	-	-	-	-	-	-	-	-	-	8.1	824
10.5 - 11.4	-	0.7	2.2	0.2	-	-	-	-	-	-	-	-	-	-	-	3.1	314
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	0.9	3.0	0.2	-	-	-	-	-	-	-	-	-	-	-	4.0	412
13.5 - 14.4	-	0.8	5.7	0.3	-	-	-	-	-	-	-	-	-	-	-	6.8	694
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	0.2	3.0	0.4	-	-	-	-	-	-	-	-	-	-	-	3.6	368
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	0.1	0.2	*	-	-	-	-	-	-	-	-	-	-	-	0.4	36
20.5 - 21.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
21.5 - 22.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
22.5 - 23.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
23.5 - 24.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
24.5 - 25.4	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	1
25.5 - 26.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
26.5 - 27.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
27.5 - 28.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
28.5 - 29.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
29.5 - 30.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
30.5 - 31.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
31.5 - 32.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
32.5 - 33.4	0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.2	18
TOTAL %	5.6	6.8	63.0	24.1	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	570	698	6440	2463	49	0	0	0	0	0	0	0	0	0	0		10220
(* < 0.05%)																	

STATION: 51002

5 - PERCENT FREQUENCY OF SIGNIFICANT WAVE HEIGHT(METERS) VS DOMINANT WAVE PERIOD(SECONDS)

Month: JUN

WAVE PERIOD	WAVE HEIGHT														>13.4	TOT %	TOT N
	0.0- 0.4	0.5- 1.4	1.5- 2.4	2.5- 3.4	3.5- 4.4	4.5- 5.4	5.5- 6.4	6.5- 7.4	7.5- 8.4	8.5- 9.4	9.5- 10.4	10.5- 11.4	11.5- 12.4	12.5- 13.4			
< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
3.5 - 4.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
4.5 - 5.4	-	-	0.2	-	-	-	-	-	-	-	-	-	-	-	-	0.2	18
5.5 - 6.4	-	-	4.3	-	-	-	-	-	-	-	-	-	-	-	-	4.3	377
6.5 - 7.4	-	0.1	15.1	0.9	-	-	-	-	-	-	-	-	-	-	-	16.1	1403
7.5 - 8.4	-	1.4	34.9	11.5	-	-	-	-	-	-	-	-	-	-	-	47.8	4175
8.5 - 9.4	-	0.2	10.3	6.1	*	-	-	-	-	-	-	-	-	-	-	16.7	1453
9.5 - 10.4	-	*	1.7	1.1	*	-	-	-	-	-	-	-	-	-	-	2.8	244
10.5 - 11.4	-	*	0.9	0.1	-	-	-	-	-	-	-	-	-	-	-	1.0	88
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	0.4	1.8	0.1	-	-	-	-	-	-	-	-	-	-	-	2.3	198
13.5 - 14.4	-	0.4	4.7	0.5	-	-	-	-	-	-	-	-	-	-	-	5.6	490
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	*	2.6	0.4	-	-	-	-	-	-	-	-	-	-	-	3.1	269
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	-	0.1	0.1	-	-	-	-	-	-	-	-	-	-	-	0.1	10
20.5 - 21.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
21.5 - 22.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
22.5 - 23.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
23.5 - 24.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
24.5 - 25.4	-	-	-	*	-	-	-	-	-	-	-	-	-	-	-	0.0	1
TOTAL %	0.0	2.6	76.6	20.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	0	230	6681	1811	4	0	0	0	0	0	0	0	0	0	0		8726
(* < 0.05%)																	

STATION: 51002

5 - PERCENT FREQUENCY OF SIGNIFICANT WAVE HEIGHT(METERS) VS DOMINANT WAVE PERIOD(SECONDS)

Month: JUL

[illegible]

TOTAL %	0.0	2.6	76.6	20.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	0	230	6681	1811	4	0	0	0	0	0	0	0	0	0		8726

(* < 0.05%)

STATION: 51002

6 - PERCENT FREQUENCY OF SIGNIFICANT WAVE HEIGHT(METERS) VS AVERAGE WAVE PERIOD(SECONDS)

Month: JUL

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0- 0.4	0.5- 1.4	1.5- 2.4	2.5- 3.4	3.5- 4.4	4.5- 5.4	5.5- 6.4	6.5- 7.4	7.5- 8.4	8.5- 9.4	9.5- 10.4	10.5- 11.4	11.5- 12.4	12.5- 13.4	>13.4		
< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
3.5 - 4.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
4.5 - 5.4	-	1.3	24.6	0.2	-	-	-	-	-	-	-	-	-	-	-	26.1	2673
5.5 - 6.4	-	0.9	48.8	17.1	0.2	-	-	-	-	-	-	-	-	-	-	67.0	6851
6.5 - 7.4	-	*	2.8	2.7	0.9	0.1	*	-	-	-	-	-	-	-	-	6.5	670
7.5 - 8.4	-	-	*	*	0.2	*	*	*	-	*	-	-	-	-	-	0.4	36
TOTAL %	0.0	2.2	76.3	20.0	1.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	0	229	7807	2047	130	11	3	2	0	1	0	0	0	0	0		10230

(* < 0.05%)

STATION: 51002

6 - PERCENT FREQUENCY OF SIGNIFICANT WAVE HEIGHT(METERS) VS AVERAGE WAVE PERIOD(SECONDS)

Month: AUG

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0- 0.4	0.5- 1.4	1.5- 2.4	2.5- 3.4	3.5- 4.4	4.5- 5.4	5.5- 6.4	6.5- 7.4	7.5- 8.4	8.5- 9.4	9.5- 10.4	10.5- 11.4	11.5- 12.4	12.5- 13.4	>13.4		
< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
3.5 - 4.4	-	0.1	*	-	-	-	-	-	-	-	-	-	-	-	-	0.2	14
4.5 - 5.4	-	1.3	23.3	0.3	-	-	-	-	-	-	-	-	-	-	-	24.9	2195
5.5 - 6.4	-	1.2	40.1	23.0	0.2	-	-	-	-	-	-	-	-	-	-	64.4	5672
6.5 - 7.4	-	0.5	4.6	3.4	0.4	*	-	-	-	-	-	-	-	-	-	8.9	788
7.5 - 8.4	-	0.4	0.5	0.2	-	*	*	-	-	-	-	-	-	-	-	1.2	105
8.5 - 9.4	-	*	0.1	0.2	-	-	-	-	-	-	-	-	-	-	-	0.3	24
9.5 - 10.4	-	-	-	*	0.1	-	-	-	-	-	-	-	-	-	-	0.1	9
10.5 - 11.4	-	-	-	-	*	-	-	-	-	-	-	-	-	-	-	0.0	1
11.5 - 12.4	-	-	-	-	-	*	-	-	-	-	-	-	-	-	-	0.0	3
TOTAL %	0.0	3.5	68.6	27.1	0.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	0	307	6046	2388	58	9	3	0	0	0	0	0	0	0	0		8811

(* < 0.05%)

STATION: 51002

6 - PERCENT FREQUENCY OF SIGNIFICANT WAVE HEIGHT(METERS) VS AVERAGE WAVE PERIOD(SECONDS)

Month: SEP

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0- 0.4	0.5- 1.4	1.5- 2.4	2.5- 3.4	3.5- 4.4	4.5- 5.4	5.5- 6.4	6.5- 7.4	7.5- 8.4	8.5- 9.4	9.5- 10.4	10.5- 11.4	11.5- 12.4	12.5- 13.4	>13.4		
< 0.5	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	1
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
3.5 - 4.4	-	0.4	0.1	-	-	-	-	-	-	-	-	-	-	-	-	0.5	47
4.5 - 5.4	-	2.2	19.1	0.1	-	-	-	-	-	-	-	-	-	-	-	21.5	2161
5.5 - 6.4	-	3.2	42.8	10.0	*	-	-	-	-	-	-	-	-	-	-	56.0	5636
6.5 - 7.4	-	2.4	9.7	2.0	0.2	0.1	*	-	-	-	-	-	-	-	-	14.5	1455
7.5 - 8.4	-	1.2	3.3	0.8	0.1	*	*	-	-	-	-	-	-	-	-	5.4	546
8.5 - 9.4	-	*	1.0	0.3	0.1	-	-	-	-	-	-	-	-	-	-	1.5	155
9.5 - 10.4	-	-	0.4	0.1	*	-	-	-	-	-	-	-	-	-	-	0.5	49
10.5 - 11.4	-	-	*	*	*	-	-	-	-	-	-	-	-	-	-	0.1	11
11.5 - 12.4	-	-	-	-	*	-	-	-	-	-	-	-	-	-	-	0.0	4
TOTAL %	0.0	9.5	76.4	13.3	0.6	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	1	954	7693	1337	59	16	5	0	0	0	0	0	0	0	0		10065

(* < 0.05%)

STATION: 51002

6 - PERCENT FREQUENCY OF SIGNIFICANT WAVE HEIGHT(METERS) VS AVERAGE WAVE PERIOD(SECONDS)

Month: OCT

WAVE HEIGHT

STATION: 51002

6 - PERCENT FREQUENCY OF SIGNIFICANT WAVE HEIGHT(METERS) VS AVERAGE WAVE PERIOD(SECONDS)

Months: JUN, JUL, AUG (Summer)

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0- 0.4	0.5- 1.4	1.5- 2.4	2.5- 3.4	3.5- 4.4	4.5- 5.4	5.5- 6.4	6.5- 7.4	7.5- 8.4	8.5- 9.4	9.5- 10.4	10.5- 11.4	11.5- 12.4	12.5- 13.4	>13.4		
< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
3.5 - 4.4	-	*	*	-	-	-	-	-	-	-	-	-	-	-	-	0.1	14
4.5 - 5.4	-	1.2	23.1	0.2	-	-	-	-	-	-	-	-	-	-	-	24.5	6815
5.5 - 6.4	-	1.1	47.5	19.6	0.1	-	-	-	-	-	-	-	-	-	-	68.3	18971
6.5 - 7.4	-	0.2	3.1	2.5	0.5	*	*	-	-	-	-	-	-	-	-	6.3	1760
7.5 - 8.4	-	0.2	0.2	0.1	0.1	*	*	*	-	*	-	-	-	-	-	0.6	170
8.5 - 9.4	-	*	*	0.1	-	-	-	-	-	-	-	-	-	-	-	0.1	24
9.5 - 10.4	-	-	-	*	*	-	-	-	-	-	-	-	-	-	-	0.0	9
10.5 - 11.4	-	-	-	-	*	-	-	-	-	-	-	-	-	-	-	0.0	1
11.5 - 12.4	-	-	-	-	-	*	-	-	-	-	-	-	-	-	-	0.0	3

TOTAL %	0.0	2.8	74.0	22.5	0.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	0	766	20534	6246	192	20	6	2	0	1	0	0	0	0	0		27767

(* < 0.05%)

STATION: 51002

6 - PERCENT FREQUENCY OF SIGNIFICANT WAVE HEIGHT(METERS) VS AVERAGE WAVE PERIOD(SECONDS)

Months: SEP, OCT, NOV (Autumn)

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0- 0.4	0.5- 1.4	1.5- 2.4	2.5- 3.4	3.5- 4.4	4.5- 5.4	5.5- 6.4	6.5- 7.4	7.5- 8.4	8.5- 9.4	9.5- 10.4	10.5- 11.4	11.5- 12.4	12.5- 13.4	>13.4		
< 0.5	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	1
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
3.5 - 4.4	-	0.1	*	-	-	-	-	-	-	-	-	-	-	-	-	0.1	47
4.5 - 5.4	-	0.9	14.3	0.3	-	-	-	-	-	-	-	-	-	-	-	15.5	5552
5.5 - 6.4	-	1.4	35.2	21.1	0.6	-	-	-	-	-	-	-	-	-	-	58.3	20878
6.5 - 7.4	-	0.9	9.2	6.0	2.7	0.2	*	-	-	-	-	-	-	-	-	19.0	6806
7.5 - 8.4	-	0.4	3.0	1.3	0.2	0.2	*	-	-	-	-	-	-	-	-	5.1	1836
8.5 - 9.4	-	*	0.6	0.4	0.2	*	-	-	-	-	-	-	-	-	-	1.3	452
9.5 - 10.4	-	-	0.1	0.1	0.1	*	-	-	-	-	-	-	-	-	-	0.4	149
10.5 - 11.4	-	-	*	*	*	*	-	-	-	-	-	-	-	-	-	0.1	42
11.5 - 12.4	-	-	-	*	*	-	-	-	-	-	-	-	-	-	-	0.1	21
12.5 - 13.4	-	-	-	*	-	-	-	-	-	-	-	-	-	-	-	0.0	1

TOTAL %	0.0	3.8	62.4	29.3	4.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	1	1349	22347	10496	1433	154	5	0	0	0	0	0	0	0	0		35785

(* < 0.05%)

Summary complete: 09-Sep-2003 10:18:21