

-19	33	6	6	1	-	-	-	-	-	-	-	-	-	-	-	-	-	4	2	43	1
-20	18	3	9	1	-	-	-	-	-	-	-	-	-	-	-	-	-	7	1	34	*
-21	11	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10	1	21	*
-22	3	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	*	4	*
-23	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	*
MEAN	-4.8	-3.0	-0.6	1.3	1.9	2.3	2.0	1.5	0.4	-0.6	-2.4	-4.5	-0.6								
S.D.	5.2	4.6	3.7	2.5	2.9	2.5	2.3	2.0	2.4	2.8	3.8	4.5	4.2								
TOTAL	11353	10370	11696	11370	10951	10664	11151	11469	10613	10942	10574	12369	133522								
MAX	10.2	12.9	15.6	18.2	17.0	13.4	13.5	12.4	13.9	9.5	10.1	11.8	18.2								
DATE	1999012414	1985022421	1989032822	1990042800	1987053118	1988061518	1993070719	1988081323	1994092815	1986100100	1987110417	1984122920	1990042800								
MIN	-22.1	-20.0	-15.6	-7.0	-7.7	-5.0	-4.3	-5.1	-8.4	-9.4	-15.7	-21.5	-22.1								
DATE	1988011414	1987021511	1989030714	1985041010	1986050411	1991063016	1992072403	1988082210	1990091810	2000102919	1986111411	1988121208	1988011414								

(* < 0.05% , # = 100.0%)

STATION: 44013

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

ELEMENT: DEW POINT TEMPERATURE (DEGREES C) -- POR: (5/1999 - 12/2001) (22734 RECORDS, 15.6% HAVE ELEMENT)

	JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC		ANN		
	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	
22	-	-	-	-	-	-	-	-	-	-	-	-	-	2	#	-	-	-	-	-	-	-	-	-	-	2	#
21	-	-	-	-	-	-	-	-	-	-	-	3	#	30	999	-	-	-	-	-	-	-	-	-	-	33	999
20	-	-	-	-	-	-	-	-	-	-	18	#	38	999	159	986	35	#	-	-	-	-	-	-	-	250	998
19	-	-	-	-	-	-	-	-	-	-	84	992	142	982	283	914	144	984	-	-	-	-	-	-	-	653	987
18	-	-	-	-	-	-	-	-	-	-	176	953	221	918	309	787	111	917	-	-	-	-	-	-	-	817	959
17	-	-	-	-	-	-	-	-	-	-	181	871	310	819	349	648	168	865	-	-	-	-	-	-	-	1008	923
16	-	-	-	-	-	-	-	-	-	-	189	786	420	679	369	491	261	787	7	#	-	-	-	-	-	1246	878
15	-	-	-	-	-	-	-	-	4	#	223	698	347	491	257	325	236	665	38	997	-	-	-	-	-	1105	824
14	-	-	-	-	-	-	-	21	998	248	595	237	335	165	210	219	555	117	980	2	#	3	#	1012	775		
13	-	-	-	-	-	-	-	64	988	236	479	170	229	126	135	153	453	119	927	36	999	7	999	911	731		
12	3	#	-	-	-	1	#	140	958	201	369	141	152	47	79	155	382	166	873	33	978	11	995	898	690		
11	5	998	-	-	-	1	999	140	892	212	276	90	89	42	58	118	310	186	798	34	959	9	990	837	651		
10	1	995	-	-	-	26	999	272	825	121	177	58	48	39	39	116	255	173	714	50	940	9	986	865	614		
9	-	-	4	#	-	33	980	250	696	113	121	34	22	30	21	125	201	168	636	115	911	51	982	923	576		
8	1	994	4	997	5	#	28	957	401	578	83	68	7	7	16	8	107	143	142	560	117	845	90	959	1001	535	
7	24	993	10	994	9	997	19	937	264	388	47	30	6	4	1	*	73	93	121	496	158	777	63	918	795	491	
6	10	977	14	987	12	991	67	923	180	263	17	8	1	1	-	-	61	59	118	441	109	686	70	890	659	456	
5	23	970	15	976	43	982	175	876	98	178	-	-	2	1	-	-	33	31	145	388	122	623	63	858	719	428	
4	29	955	20	965	45	953	221	751	82	131	-	-	-	-	-	-	8	15	110	322	132	553	85	830	732	396	
3	32	935	53	951	56	923	117	594	73	92	-	-	-	-	-	-	11	12	120	273	115	477	81	791	658	364	
2	53	913	60	912	123	885	130	511	47	58	-	-	-	-	-	-	4	7	101	219	79	411	109	755	706	335	
1	56	877	83	867	171	802	104	418	25	36	-	-	-	-	-	-	4	5	124	173	65	366	75	705	707	304	
0	69	839	69	806	145	686	66	344	25	24	-	-	-	-	-	-	6	3	97	117	81	328	90	671	648	273	
-1	60	792	100	756	125	588	72	297	9	12	-	-	-	-	-	-	-	-	55	73	89	282	78	630	588	244	
-2	59	752	83	682	145	504	94	246	10	8	-	-	-	-	-	-	-	-	45	48	56	230	97	595	589	218	
-3	85	711	65	621	106	406	81	179	5	3	-	-	-	-	-	-	-	-	28	28	53	198	81	551	504	192	
-4	83	654	71	573	118	334	74	122	1	*	-	-	-	-	-	-	-	-	23	15	64	168	93	514	527	170	
-5	97	597	93	521	105	254	47	69	-	-	-	-	-	-	-	-	-	-	10	5	64	131	128	472	544	147	
-6	75	532	99	452	66	183	25	36	-	-	-	-	-	-	-	-	-	-	-	-	51	94	137	414	453	123	
-7	87	481	65	379	40	139	14	18	-	-	-	-	-	-	-	-	-	-	1	*	26	64	130	352	363	103	
-8	113	422	49	331	33	112	4	8	-	-	-	-	-	-	-	-	-	-	-	-	20	50	120	293	339	87	
-9	92	345	38	295	25	89	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14	38	132	239	301	72	
-10	67	282	54	267	33	72	3	5	-	-	-	-	-	-	-	-	-	-	-	-	16	30	101	179	274	59	
-11	36	237	45	228	29	50	1	3	-	-	-	-	-	-	-	-	-	-	-	-	12	21	91	134	214	47	
-12	47	212	38	194	15	30	2	2	-	-	-	-	-	-	-	-	-	-	-	-	14	14	71	92	187	38	
-13	49	181	42	166	13	20	1	1	-	-	-	-	-	-	-	-	-	-	-	-	10	6	29	60	144	29	
-14	42	147	29	135	10	11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	42	47	123	23
-15	55	119	31	114	7	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	40	28	133	18
-16	46	81	58	91	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20	10	124	12
-17	35	50	35	49	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	1	72	6
-18	23	26	21	23	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	44	3
-19	9	11	8	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	17	1
-20	5	5	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	*
-21	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	*
-22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	*
MEAN	-6.0	-5.3	-2.0	1.7	7.8	13.5	15.2	16.2	13.2	6.9	2.8	-2.9	6.2														
S.D.	6.3	6.2	4.3	3.9	3.0	3.2	2.5	2.6	3.9	4.8	5.7	6.7	9.0														
TOTAL	1473	1358	1479	1406	2111	2149	2227	2224	2148	2214	1737	2208	22734														
MAX	11.8	9.4	8.0	11.7	15.1	20.0	20.9	21.8	20.2	15.9	13.8	14.2	21.8														
DATE	2000010501	2000021418	2000032815	2000041616	2001051216	2001061704	1999071817	2001080904	2000090212	2001100616	1999110308	2001120106	2001080904														
MIN	-21.4	-19.9	-15.1	-12.6	-4.2	5.5	5.3	7.0	-0.4	-6.6	-13.4	-16.8	-21.4														
DATE	2000011600	2001022219	2001030100	2000041315	2001050801	2001060112	2001070214	1999081011	2000092919	2001103021	2000112421	2000121402	2000011600														

(* < 0.05% , # = 100.0%)

STATION: 44013

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

ELEMENT: AIR - DEW POINT TEMPERATURE (DEGREES C) -- POR: (5/1999 - 12/2001) (22732 RECORDS, 15.6% HAVE ELEMENT)

	JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC		ANN	
	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF
21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	#
20	-	-	-	-	1	#	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	#
19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999
18	-	-	-	-	-	-	-	-	3	#	-	-	-	-	-	-	-	-	1	#	-	-	-	-	4	999
17	-	-	1	#	-	-	2	#	1	999	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	999
16	2	#	4	999	-	-	3	999	1	998	1	#	-	-	-	-	-	-	-	-	-	-	2	#	13	999
15	2	999	10	996	1	999	3	996	2	998	-	-	-	-	-	-	-	-	4	999	1	#	4	999	27	999
14	8	997	27	989	2	999	6	994	5	997	1	999	-	-	1	#	-	-	5	998	4	999	10	997	69	998
13	4	992	20	969	7	997	15	990	6	994	-	-	2	#	1	999	-	-	14	995	9	997	15	993	93	995
12	19	989	31	954	16	993	21	979	7	991	4	999	2	999	-	-	-	-	20	989	21	992	42	986	183	991
11	25	976	47	932	24	982	27	964	24	988	1	997	3	998	1	999	6	#	37	980	50	980	63	967	308	983
10	40	959	63	897	38	966	46	945	30	977	7	997	13	997	10	999	14	997	71	963	87	951	115	938	534	969
9	78	932	105	851	59	940	42	913	37	963	15	993	36	991	17	994	39	991	97	931	124	901	175	886	824	946
8	107	879	130	773	109	900	59	883	67	945	48	987	51	975	37	987	69	973	165	888	148	829	282	807	1272	909
7	157	807	137	677	172	826	87	841	134	913	71	964	102	952	85	970	114	940	220	813	151	744	246	679	1676	853
6	211	700	148	577	235	710	137	779	151	850	136	931	155	906	137	932	190	887	243	714	175	657	240	568	2158	780
5	244	557	133	468	200	551	157	681	203	778	247	868	241	837	214	870	236	799	292	604	188	556	289	459	2644	685
4	171	391	77	370	112	416	162	570	252	682	365	753	285	728	259	774	262	689	264	472	186	448	187	328	2582	568
3	104	275	99	313	137	340	152	454	327	563	412	583	363	600	379	657	330	567	238	353	161	341	144	244	2846	455
2	161	204	161	240	180	247	190	346	345	408	355	391	434	437	481	487	316	413	237	245	223	248	174	178	3257	330
1	137	95	117	122	163	126	211	211	348	244	312	226	421	242	406	271	437	266	202	138	159	120	170	100	3083	186
0	3	2	48	35	23	16	86	61	168	80	174	81	119	53	196	88	134	62	104	47	49	28	50	23	1154	51
MEAN		5.2		5.8		4.9		4.4		3.6		3.2		3.2		2.9		3.4		4.8		5.2		5.8		4.3
S.D.		2.8		3.6		2.8		3.2		2.7		2.1		2.2		2.1		2.3		2.9		3.1		3.1		2.9
TOTAL		1473		1358		1479		1406		2111		2149		2227		2224		2147		2214		1736		2208		22732
MAX		15.6		16.8		20.4		16.9		17.8		16.2		13.2		14.1		11.1		17.8		14.7		16.0		20.4
DATE	2000012922		2001022500		2000030722		2001041422		1999051218		2001061019		1999072819		1999082920		2000090601		2001103021		1999110820		2000120500		2000030722	
MIN	0.3		0.1		0.2		0.1		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0	
DATE	2000010419		2000022813		2001031402		2001042709		2001052814		2001062215		2001071811		2001080513		2001092608		2001102513		2001113023		2001120100		2001120100	

(* < 0.05% , # = 100.0%)

STATION: 44013

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

ELEMENT: SEA LEVEL PRESSURE (MILLIBARS) -- POR: (8/1984 - 12/2001) (144583 RECORDS, 99.4% HAVE ELEMENT)

	JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC		ANN	
	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF
1046	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	#	1	#
1045	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16	999	16	999
1044	5	#	-	-	11	#	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	21	999	37	999
1043	19	999	10	#	15	999	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11	997	55	999
1042	16	998	9	999	21	998	-	-	-	-	-	-	-	-	-	-	-	-	1	#	4	#	14	996	65	999
1041	38	997	13	998	27	996	-	-	-	-	-	-	-	-	-	-	-	-	9	999	29	999	35	995	151	999
1040	36	994	6	997	23	994	-	-	-	-	-	-	-	-	-	-	-	-	3	999	7	997	18	993	93	998
1039	41	991	8	997	31	992	1	#	-	-	-	-	-	-	-	-	-	-	4	999	14	997	20	991	119	997
1038	97	987	30	996	75	990	5	999	-	-	-	-	-	-	-	-	-	-	20	999	28	995	54	990	309	996
1037	62	979	36	993	71	984	5	999	-	-	-	-	-	-	-	-	-	-	9	997	40	993	31	986	254	994
1036	92	974	54	990	55	978	19	999	-	-	-	-	-	-	-	-	-	-	39	996	68	990	51	983	378	992
1035	139	966	84	985	73	974	16	998	24	#	-	-	-	-	2	#	3	#	50	993	80	984	109	979	580	990
1034	145	955	92	977	105	968	19	996	24	998	-	-	-	-	9	999	20	999	56	989	112	977	111	971	693	986
1033	174	943	169	969	186	959	62	995	22	996	-	-	-	-	7	999	54	998	55	985	106	967	154	962	989	981
1032	151	929	160	954	134	944	57	989	46	994	-	-	-	-	8	999	51	993	114	980	119	958	152	951	992	974
1031	209	916	177	939	195	934	89	985	50	990	-	-	-	-	7	998	89	989	144	971	192	948	143	939	1295	967
1030	290	899	276	923	229	918	111	977	104	986	15	#	-	-	15	997	155	981	256	959	247	931	253	928	1951	958
1029	222	875	198	899	172	900	86	968	112	977	23	999	-	-	13	996	157	967	234	939	232	910	220	909	1669	945
1028	246	857	166	881	235	886	119	961	172	968	31	997	5	#	36	995	221	954	236	920	264	890	256	892	1987	933
1027	348	836	319	866	343	867	224	951	264	954	74	994	20	999	154	992	351	934	492	901	364	867	473	873	3426	920
1026	272	807	248	837	249	839	229	933	179	931	81	988	63	998	152	979	262	904	409	861	316	836	362	837	2822	896
1025	280	785	319	814	300	819	353	914	210	916	112	981	124	993	206	967	349	881	446	828	330	809	326	809	3355	876
1024	412	762	439	786	426	795	379	885	306	899	257	972	282	982	395	950	433	850	621	792	468	781	557	784	4975	853
1023	362	728	297	746	370	761	282	853	259	873	328	951	334	959	423	918	510	812	504	742	396	740	448	742	4513	819
1022	365	698	337	719	395	731	280	830	292	852	338	924	359	931	527	883	565	768	571	702	405	706	462	708	4896	787
1021	410	668	382	689	406	700	411	807	405	827	538	896	479	901	690	840	575	718	610	656	444	672	521	672	5871	754
1020	440	634	409	654	417	667	405	773	412	793	524	851	542	862	711	783	675	668	562	607	486	633	498	633	6081	713
1019	459	597	444	617	495	634	480	739	530	759	585	808	576	817	744	725	638	609	591	561	469	592	458	595	6469	671
1018	392	560	447	577	367	594	501	700	540	714	621	759	615	769	799	664	579	553	561	514	482	551				

1010	377	301	384	288	438	330	534	330	595	284	699	308	695	248	483	151	400	159	386	178	354	239	433	273	5778	258		
1009	303	270	346	253	387	295	424	286	516	235	673	250	592	191	399	112	283	124	323	147	316	209	357	240	4919	218		
1008	237	245	286	222	344	264	369	251	425	191	515	195	395	141	292	79	178	99	222	121	307	182	298	213	3868	184		
1007	278	226	268	196	357	236	324	220	446	156	456	152	364	109	241	55	162	83	222	103	282	155	291	190	3691	157		
1006	301	203	221	172	365	207	381	194	379	118	391	114	318	78	170	35	166	69	216	85	259	131	283	168	3450	132		
1005	256	178	210	152	265	178	260	162	198	87	241	82	164	52	96	21	125	54	160	67	178	109	243	146	2396	108		
1004	202	157	180	133	219	157	273	141	192	70	189	62	101	38	79	14	101	44	152	55	168	94	213	128	2069	91		
1003	218	140	176	117	246	139	309	118	153	54	182	46	103	30	37	7	99	35	123	42	176	79	160	112	1982	77		
1002	214	122	195	101	174	120	223	92	164	41	114	31	87	21	32	4	94	26	89	32	120	64	168	99	1674	63		
1001	168	104	135	83	167	106	170	74	72	27	75	22	35	14	4	1	56	18	84	25	123	54	168	87	1257	52		
1000	157	90	115	71	163	92	163	60	71	21	74	16	44	11	7	1	33	13	64	18	101	43	170	74	1162	43		
999	124	77	140	61	148	79	128	46	62	15	60	10	44	8	-	-	29	10	50	13	82	34	129	61	996	35		
998	125	67	84	48	149	67	85	36	40	10	18	5	16	4	-	-	13	7	35	9	70	27	107	51	742	28		
997	131	57	64	41	137	55	67	29	25	7	10	3	4	3	-	-	19	6	22	6	58	21	95	43	632	23		
996	132	46	68	35	101	44	49	23	21	5	16	2	10	2	-	-	13	5	18	5	34	16	75	36	537	18		
995	72	35	56	29	74	36	49	19	15	3	6	1	6	1	1	*	14	4	11	3	29	13	69	30	402	15		
994	84	29	46	24	83	30	44	15	4	2	1	*	6	1	1	*	9	2	10	2	21	11	73	25	382	12		
993	63	22	29	20	60	24	31	11	2	1	2	*	5	*	-	-	1	1	5	2	15	9	43	19	256	9		
992	37	17	39	17	51	19	19	9	2	1	3	*	-	-	-	-	1	1	3	1	26	8	33	16	214	8		
991	24	14	28	13	38	15	13	7	8	1	-	-	-	-	-	-	3	1	5	1	17	6	49	13	185	6		
990	28	12	10	11	25	12	16	6	5	*	-	-	-	-	-	-	3	1	-	-	13	4	42	10	142	5		
989	24	10	12	10	18	10	15	5	-	-	-	-	-	-	-	-	1	1	1	*	4	3	21	6	96	4		
988	22	8	20	9	11	8	13	4	-	-	-	-	-	-	-	-	1	*	2	1	2	*	4	3	16	5	91	3
987	11	6	22	7	15	7	11	3	-	-	-	-	-	-	-	-	4	1	2	*	4	2	7	4	76	2		
986	19	5	8	5	29	6	5	2	-	-	-	-	-	-	-	-	2	*	1	*	1	2	5	3	70	2		
985	5	3	15	4	19	4	3	1	-	-	-	-	-	-	-	-	-	-	-	-	2	2	4	3	48	1		
984	3	3	6	3	11	2	6	1	-	-	-	-	-	-	-	-	1	*	-	-	-	2	5	2	34	1		
983	3	3	4	3	1	1	7	1	-	-	-	-	-	-	-	-	-	-	-	-	3	2	2	2	20	1		
982	4	2	6	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	1	3	2	16	1		
981	4	2	2	2	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	1	5	2	14	1		
980	5	2	1	1	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	1	1	9	1		
979	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	3	1	7	*		
978	6	1	2	1	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	1	5	1	17	*		
977	2	*	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	2	*	6	*		
976	1	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	*	3	*	9	*		
975	-	-	2	1	-	-	-	-	-	-	-	-	-	-	-	-	1	*	-	-	-	-	1	*	4	*		
974	-	-	2	1	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	*		
973	-	-	2	1	1	1	-	-	-	-	-	-	-	-	-	-	1	*	-	-	-	-	-	-	4	*		
972	1	*	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	*		
971	1	*	2	1	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	*		
970	-	-	2	*	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	*		
969	-	-	2	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	*		
968	1	*	-	-	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	*		
967	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	*		
966	-	-	-	-	2	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	*		
965	-	-	-	-	3	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	*		
964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	*		
MEAN	1016.2		1016.0		1015.4		1014.0		1014.7		1013.8		1014.2		1016.1		1017.2		1017.8		1017.0		1016.3		1015.7			
S.D.	11.2		10.3		10.9		8.6		7.2		6.1		5.5		5.3		7.0		7.9		9.4		10.3		8.6			
TOTAL	12100		11078		12460		12088		11934		12080		12040		12212		11424		12416		11635		13116		144583			
MAX	1044.3		1043.0		1043.9		1038.7		1035.2		1030.3		1028.2		1034.8		1034.5		1041.5		1042.1		1045.8		1045.8			
DATE	1991011115		1990022702		1996031016		1990041915		2001050715		1999062013		1988070514		1991082515		1992092517		1986103122		1996111600		1990122723		1990122723			
MIN	968.0		969.4		964.6		982.8		989.6		992.2		993.2		973.4		986.2		985.9		975.9		975.2		964.6			
DATE	1987012307		1995020505		1993031410		1997041909		1985051816		1988060601		1998070108		1991081920		1999091709		1996100908		1989112107		1997123018		1993031410			

(* < 0.05% , # = 100.0%)

STATION: 44013

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

ELEMENT: AVERAGE WIND SPEED (KNOTS) -- POR: (8/1984 - 12/2001) (134808 RECORDS, 92.6% HAVE ELEMENT)

	JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC		ANN		
	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	
50	-	-	-	-	1	#	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	#	
49	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999	
48	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999	
47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	#	-	-	-	-	-	-	1	999	
46	-	-	-	-	1	999	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	999	
45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	#	-	-	-	-	-	-	-	3	#	4	999
44	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	#	1	#	3	999	6	999	
43	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	999	-	-	1	999	2	999	4	999	
42	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	999	3	999	
41	-	-	-	-	2	999	-	-	-	-	-	-	-	-	1	999	-	-	-	-	1	999	8	999	12	999	
40	3	#	-	-	-	-	1	#	-	-	-	-	-	-	-	-	-	-	3	999	2	999	18	999	27	999	
39	3	999	-	-	1	999	2	999	-	-	-	-	-	-	-	-	1	999	1	999	3	999	11	997	22	999	
38	2	999	-	-	1	999	2	999	-	-	1	#	-	-	3	999	-	-	6	999	3	999	7	996	25	999	
37	3	999	-	-	3	999	4	999	-	-	-	-</															

35	127	968	104	971	86	978	29	989	13	999	3	998	1	999	2	999	8	995	47	986	43	981	124	957	587	984
34	92	957	84	962	59	971	21	986	6	998	1	998	1	999	-	-	12	994	36	982	34	977	124	948	470	980
33	195	949	159	954	99	966	51	984	25	997	13	998	2	999	2	998	12	993	68	979	75	973	170	938	871	976
32	141	933	120	940	103	958	40	980	19	995	9	997	-	-	1	998	22	991	55	973	73	967	167	925	750	970
31	254	921	182	929	129	950	78	977	28	993	12	996	2	999	13	998	29	989	74	968	131	960	177	912	1109	964
30	168	900	141	913	140	940	62	970	41	991	16	995	3	999	1	997	28	986	51	962	114	948	172	898	937	956
29	314	886	206	900	193	928	97	965	45	987	20	993	2	999	5	997	35	983	118	957	165	937	268	885	1468	949
28	216	860	171	881	165	913	70	956	37	983	18	992	3	999	7	996	47	979	97	947	161	922	220	864	1212	938
27	367	842	293	866	214	900	137	950	66	980	28	990	8	998	25	996	32	974	178	939	248	907	313	847	1909	929
26	307	811	279	839	238	882	140	938	94	974	28	987	7	998	12	993	47	971	124	923	210	884	314	822	1800	915
25	396	786	333	814	326	863	172	926	123	966	62	985	18	997	33	992	74	966	235	913	309	865	399	798	2480	902
24	322	753	276	784	290	837	185	911	107	955	35	979	21	995	23	989	72	958	198	892	244	836	376	767	2149	883
23	461	726	395	759	411	814	247	896	136	945	83	976	48	993	56	986	127	951	323	875	416	813	507	738	3210	867
22	362	688	296	723	286	781	229	874	119	933	55	969	32	989	41	981	96	937	244	847	295	775	391	698	2446	843
21	557	657	457	696	451	758	268	855	227	922	133	964	62	985	69	977	188	927	425	826	512	748	581	668	3930	825
20	421	611	328	654	340	722	237	831	215	902	97	952	63	979	74	970	167	907	267	790	382	700	418	623	3009	796
19	684	576	625	625	586	694	439	811	307	883	260	943	137	973	169	963	305	890	502	767	706	665	776	590	5496	774
18	583	519	538	568	587	647	444	773	415	856	332	919	156	960	200	946	383	858	555	723	579	600	666	530	5438	733
17	441	470	409	519	430	600	358	735	323	818	257	889	151	945	175	927	275	817	335	675	382	546	442	478	3978	692
16	586	433	607	482	650	566	522	704	493	790	493	866	304	930	305	910	455	788	625	646	661	511	693	444	6394	663
15	404	385	403	427	397	514	455	659	443	746	349	822	254	901	283	880	304	740	380	592	415	450	425	390	4512	615
14	615	351	595	391	697	482	669	620	671	706	676	790	540	876	498	852	549	708	700	559	639	411	689	357	7538	582
13	381	300	374	337	467	426	498	562	493	646	514	729	457	824	421	803	415	651	463	499	396	352	446	303	5325	526
12	643	268	608	303	824	388	900	520	903	602	993	682	959	779	950	762	808	607	925	459	669	316	718	268	9900	486
11	382	214	383	248	444	322	575	442	606	521	699	593	663	686	560	669	439	522	489	379	366	254	367	213	5973	413
10	475	182	461	213	670	286	823	393	859	467	1030	529	1086	622	973	614	896	476	810	337	534	220	520	184	9137	368
9	267	143	293	171	441	233	526	322	628	391	710	436	766	517	655	519	446	381	466	267	298	170	306	144	5802	301
8	381	121	433	145	604	197	756	276	895	335	1022	372	1153	443	1098	455	831	334	732	227	450	143	428	120	8783	257
7	228	89	229	105	333	149	477	211	592	255	682	280	732	331	766	347	487	247	356	163	224	101	241	87	5347	192
6	280	70	299	85	457	122	622	170	710	202	843	218	976	260	903	272	660	195	555	133	308	81	295	68	6908	153
5	185	47	207	58	304	85	424	117	551	138	570	142	614	165	636	184	372	126	306	85	178	52	188	45	4535	101
4	164	31	169	39	332	61	363	80	449	89	465	90	543	106	565	122	394	87	330	58	177	36	184	30	4135	68
3	70	17	97	23	144	34	190	49	211	49	239	48	205	53	225	66	166	45	100	30	71	19	68	16	1786	37
2	74	12	100	15	163	23	218	33	221	30	178	26	230	33	278	44	170	28	144	21	84	13	97	11	1957	24
1	27	5	30	6	44	10	60	14	61	11	58	10	44	11	78	17	37	10	30	9	13	5	17	3	499	9
0	38	3	32	3	75	6	100	9	57	5	57	5	66	6	97	9	56	6	71	6	40	4	23	2	712	5

MEAN	18.6	17.7	16.0	13.5	11.9	10.8	9.6	9.7	11.9	14.6	16.9	18.5	14.3
S.D.	8.6	8.5	8.4	7.5	6.3	5.4	4.5	5.0	6.4	7.7	7.8	8.8	8.0
TOTAL	11997	11032	12455	11613	11199	11059	10311	10213	9494	11577	10812	12859	134621
MAX	54.4	59.7	63.0	48.6	42.2	49.0	36.9	59.1	62.2	54.6	54.6	57.2	63.0

DATE	1992012402	2001020603	1993031323	1991042113	1990051104	2000060704	1999070622	1991081919	1985092720	1991103101	1989112109	1992121209	1993031323
MIN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
DATE	2001012621	1999020822	2000033117	2001041712	2000050909	2000062322	2000070723	2000083116	2000091819	2000100116	2000112001	1999120320	2001041712

(* < 0.05% , # = 100.0%)

STATION: 44013

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

(HIGHEST 5-SECOND AVERAGE DURING PAST HOUR)

ELEMENT: HOURLY PEAK WIND GUST (KNOTS) -- POR: (11/1997 - 12/2001) (33827 RECORDS, 16.5% 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	#
51	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	#
50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	#	1	#
49	2	#	-	-	-	-	-	-	-	-	1	#	-	-	-	-	-	-	-	-	-	-	-	-	-	3	999
48	1	999	-	-	-	-	-	-	-	-	1	999	-	-	-	-	-	-	-	-	1	#	3	999	6	999	
47	5	999	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	#	-	-	3	999	9	999	
46	2	997	1	#	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	999	1	999	4	998	9	999	
45	5	997	1	999	1	#	-	-	-	-	-	-	-	-	-	-	-	-	1	999	1	999	3	997	12	999	
44	6	995	-	-	-	-	-	-	-	-	1	999	-	-	-	-	1	#	-	-	-	-	7	996	15	999	
43	5	993	1	999	1	999	-	-	-	-	3	999	-	-	-	-	1	999	1	999	-	-	11	994	23	998	
42	10	991	5	999	3	999	2	#	1	#	1	998	-	-	-	-	3	999	1	999	1	999	14	991	41	998	
41	8	988	5	996	7	998	5	999	-	-	2	998	1	#	-	-	1	998	1	998	2	999	11	988	43	996	
40	24	985	8	994	10	994	3	997	-	-	4	997	-	-	-	-	4	998	3	998	1	998	28	985	85	995	
39	21	977	7	990	9	990	5	995	1	999	-	-	-	-	-	-	2	997	4	997	6	998	27	977	82	993	
38	32	970	8	986	15	986	3	993	1	999	-	-	-	-	-	-	3	996	3	996	2	996	34	970	101	990	
37	34	959	10	982	17	979	6	992	-	-	1	995	2	999	-	-	3	995	12	995	10	996	32	960	127	987	
36	24	948	15	977	15	971	9	989	-	-	-	-	1	999	-	-	3	994	8	991	10	993	37	952	122	984	
35	37	940	16	970	21	964	12	984	2	999	3	995	-	-													

	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	
13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	#
12	-	-	-	-	5	#	-	-	-	-	-	-	-	-	-	-	-	-	1	#	-	-	3	#	9	#	
11	8	#	2	#	15	999	5	#	1	#	4	#	2	#	9	#	10	#	10	999	8	#	35	999	109	999	
10	60	999	40	999	82	998	39	999	19	999	38	999	9	999	41	999	61	999	120	999	23	999	110	997	642	999	
9	179	994	214	996	370	991	236	996	119	998	176	996	44	999	168	995	228	993	331	988	99	997	261	987	2425	994	
8	611	977	636	974	753	957	892	974	760	987	560	981	282	995	590	980	612	970	773	957	488	987	541	965	7498	975	
7	1160	919	1227	908	1535	888	1838	890	1965	918	1667	931	1517	970	1540	925	1461	908	1358	886	871	939	1050	918	17189	917	
6	1619	809	1623	781	2228	748	2132	717	2707	739	2966	783	3054	833	2893	783	2149	761	2001	761	1602	854	1694	827	26668	783	
5	2290	655	1972	614	2637	544	2432	517	2614	492	2851	519	3454	558	3214	516	2641	544	2517	576	2400	696	2454	681	31476	575	
4	3549	438	2977	410	2782	304	2617	289	2349	254	2457	266	2281	247	2044	219	2242	277	2728	344	3384	460	4017	469	33427	330	
3	1014	101	980	103	532	50	396	43	419	40	514	47	419	42	319	30	479	51	952	92	1204	127	1364	122	8592	70	
2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	3
1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	3
0	51	5	19	2	11	1	62	6	22	2	19	2	43	4	5	*	26	3	44	4	89	9	51	4	442	3	
MEAN		5.0		5.2		5.5		5.5		5.5		5.4		5.3		5.5		5.4		5.3		4.9		5.0		5.3	
S.D.		1.5		1.5		1.5		1.5		1.4		1.3		1.2		1.3		1.4		1.6		1.4		1.6		1.5	
TOTAL		10541		9690		10950		10649		10975		11252		11105		10823		9909		10835		10163		11579		128470	
MAX		10.8		10.7		11.8		10.7		10.5		10.8		10.7		10.9		10.9		11.7		11.1		12.1		12.1	
DATE	1993012902	1987020411	1993030406	1989042109	1988050421	1991062620	1989072512	1990081906	1989090923	1991103102	1988110410	1988121511	1988121511	1988121511	1988121511	1988121511	1988121511	1988121511	1988121511	1988121511	1988121511	1988121511	1988121511	1988121511	1988121511	1988121511	
MIN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
DATE	1999010309	1994022201	1989030320	2001042513	1996052722	1998060809	2001070108	1991081603	1992090316	2000101409	2001111509	1998121400	2001111509	1998121400	2001111509	1998121400	2001111509	1998121400	2001111509	1998121400	2001111509	1998121400	2001111509	1998121400	2001111509	1998121400	

STATION: 44013

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

ELEMENT: DOMINANT WAVE PERIOD (SECONDS) -- POR: (6/1986 - 12/2001) (128470 RECORDS, 88.3% 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		
25	-	-	-	-	-	-	-	-	1	#	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	#	
24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999	
23	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999	
22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999	
21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999	
20	-	-	-	-	-	-	1	#	-	-	22	#	-	-	38	#	9	#	1	#	4	#	1	#	1	#	76	999
19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999	
18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999	
17	11	#	13	#	24	#	4	999	19	999	87	998	52	#	27	996	102	999	25	999	21	999	29	999	414	999		
16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	996	
15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	996	
14	184	999	123	999	161	998	124	999	117	998	175	990	292	995	275	994	444	989	170	998	154	998	289	997	2508	996		
13	669	981	580	986	842	983	389	988	246	988	171	975	288	969	660	969	721	944	769	982	428	982	893	972	6656	977		
12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	925	
11	1206	918	1048	926	1273	906	1060	951	801	965	497	960	345	943	963	908	964	871	1268	911	1020	940	1087	895	11532	925		
10	1136	804	1082	818	1366	790	1712	852	1449	892	1151	915	836	912	952	819	1134	774	1578	794	1177	840	1090	801	14663	835		
9	831	696	818	706	1072	665	1653	691	1708	760	1690	813	1401	837	1254	731	1136	660	1249	648	897	724	901	707	14610	721		
8	966	617	1013	622	1441	567	1752	536	2591	604	2999	663	3111	711	2392	615	1527	545	1211	533	971	636	941	630	20915	607		
7	657	525	784	517	877	436	788	371	1011	368	1286	396	1637	430	1343	394	727	391	706	421	634	540	641	548	11091	444		
6	834	463	672	436	926	356	678	297	762	276	907	282	993	283	937	270	802	317	912	356	822	478	718	493	9963	358		
5	871	384	665	367	692	271	572	234	588	207	594	201	638	194	672	183	746	236	649	272	825	397	1146	431	8658	281		
4	1699	301	1538	298	1371	208	1055	180	876	153	719	149	668	136	632	121	681	161	1036	212	1478	316	1963	332	13716	213		
3	1425	140	1335	140	894	83	799	81	784	73	935	85	801	76	673	63	890	92	1217	116	1643	170	1829	162	13225	106		
2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	3	
1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	3	
0	51	5	19	2	11	1	62	6	22	2	19	2	43	4	5	*	26	3	44	4	89	9	51	4	442	3		
MEAN		7.2		7.2		7.8		7.9		7.8		7.6		7.6		8.0		8.1		7.8		7.0		7.1		7.6		
S.D.		3.3		3.2		3.0		2.8		2.6		2.6		2.6		2.8		3.2		3.1		3.2		3.4		3.0		
TOTAL		10540		9690		10950		10649		10975		11252		11105		10823		9909		10835		10163		11579		128470		
MAX		16.7		16.7		16.7		20.0		25.0		20.0		16.7		20.0		20.0		20.0		20.0		20.0		25.0		
DATE	2000010919	1992021414	1993031518	1998042905	1998052621	1992062718	1991073002	1990081910	1998091212	1991103022	1990112622	1998121212	1998052621	1990112622	1990112622	1998121212	1998052621	1990112622	1990112622	1998121212	1998052621	1990112622	1998121212	1998052621	1998052621	1998052621		
MIN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
DATE	1999010309	1994022201	1989030320	2001042513	1996052722	1998060809	2001070108	1991081603	1992090316	2000101409	2001111509	1998121400	2001111509	1998121400	2001111509	1998121400	2001111509	1998121400	2001111509	1998121400	2001111509	1998121400	2001111509	1998121400	2001111509	1998121400		

ELEMENT SUMMARY FOR STATION: 44013

- (A) TOTAL STDNET RECORDS READ = 145509
- (B) TOTAL CWIND RECORDS READ = 205194
- (C) TOTAL RECORDS USED IN STATS = 350703

	AIR TMP	SEA TMP	AIR-SEA	DEWPT	SLP	AVWS	PKGS-8M	PKGS-5S	SIGWVHT	AVWVPD	DWVPD	VSBY
(D) ELEMENT RECORDS AVAILABLE	144541	133636	133522	22734	144583	13480						

	# OBS	740	655	742	719	737	719	735	741	710	733	715	737	8683
1995	MEAN	2.0	-1.2	2.7	5.5	10.1	16.2	19.4	20.1	16.2	13.5	6.4	0.5	9.4
	MAXIMUM	14.1	8.1	12.5	13.8	21.1	23.5	26.8	27.9	24.6	20.9	14.7	9.4	27.9
	DAY-HR	15-19	16-07	08-19	27-22	31-21	19-22	27-17	01-21	01-20	13-20	28-18	10-04	AUG
	MINIMUM	-9.0	-15.2	-5.8	-5.6	4.8	12.1	14.8	14.8	11.7	4.4	-1.5	-6.7	-15.2
	DAY-HR	28-11	07-11	10-12	05-13	01-15	10-09	09-09	25-12	11-12	30-13	30-17	12-13	FEB
	# OBS	736	667	742	712	736	713	736	738	712	736	701	731	8660
1996	MEAN	-0.3	-1.1	1.3	6.3	11.0	16.8	18.1	18.7	16.4	11.8	5.7	5.0	9.3
	MAXIMUM	11.8	8.9	10.3	15.9	25.4	25.8	23.8	24.2	25.0	17.9	18.3	13.6	25.8
	DAY-HR	24-21	27-21	26-20	21-21	21-00	15-19	19-00	26-17	05-20	02-20	08-18	25-01	JUN
	MINIMUM	-13.5	-14.2	-8.7	0.8	3.7	13.3	14.4	14.9	10.4	3.9	-3.9	-8.0	-14.2
	DAY-HR	06-05	13-13	09-12	04-12	06-20	03-21	25-02	14-12	26-11	15-13	28-07	31-23	FEB
	# OBS	732	682	718	703	735	680	821	776	718	721	672	731	8689
1997	MEAN	-0.5	2.3	2.3	6.1	10.5	16.6	19.3	-	-	-	4.1	3.2	6.0
	MAXIMUM	9.4	12.0	10.1	15.4	18.3	26.6	24.2	-	-	-	11.7	9.4	26.6
	DAY-HR	16-19	22-21	30-21	07-23	29-22	11-19	01-00	-	-	-	21-21	17-21	JUN
	MINIMUM	-15.3	-8.2	-7.4	-1.9	6.3	10.2	16.0	-	-	-	-3.3	-5.7	-15.3
	DAY-HR	19-13	25-14	13-14	10-03	10-15	05-12	05-10	-	-	-	25-09	15-12	JAN
	# OBS	731	634	725	702	708	691	147	-	-	-	448	739	5525
1998	MEAN	2.0	2.5	3.2	7.0	11.9	14.2	19.1	18.3	17.3	12.1	7.5	4.9	10.1
	MAXIMUM	11.8	8.2	17.0	14.8	21.2	23.8	24.8	25.3	23.7	20.1	15.9	16.2	25.3
	DAY-HR	03-20	12-15	28-03	29-23	30-18	26-23	15-20	18-20	06-21	01-15	11-14	07-19	AUG
	MINIMUM	-12.1	-10.8	-10.5	1.7	5.4	9.4	15.7	13.4	11.0	6.7	2.7	-9.7	-12.1
	DAY-HR	01-11	15-08	13-10	10-10	14-12	04-11	02-11	13-13	24-12	22-12	22-13	31-09	JAN
	# OBS	712	664	709	694	708	691	735	789	714	737	719	739	8611
1999	MEAN	0.3	1.5	2.8	7.2	11.2	17.1	19.4	18.5	17.3	11.3	8.9	3.3	10.0
	MAXIMUM	13.4	12.6	12.1	14.6	18.3	26.6	27.4	26.8	22.2	17.7	15.5	11.8	27.4
	DAY-HR	24-14	13-04	31-23	08-22	31-15	07-18	28-19	01-21	09-23	17-18	10-19	06-06	JUL
	MINIMUM	-14.2	-10.8	-8.8	1.7	7.4	12.6	14.6	13.7	10.2	3.9	1.6	-9.8	-14.2
	DAY-HR	02-12	23-10	08-13	05-10	01-09	11-08	14-09	30-11	23-09	07-12	08-14	25-13	JAN
	# OBS	740	660	712	720	741	712	741	738	715	733	306	741	8259
2000	MEAN	-1.6	0.7	4.2	6.3	10.4	15.4	17.8	18.9	15.8	11.1	6.7	-0.2	8.8
	MAXIMUM	13.5	11.0	13.6	16.1	21.7	23.9	23.1	25.0	23.5	19.2	12.6	14.4	25.0
	DAY-HR	04-22	14-19	09-18	08-19	08-15	17-19	03-18	09-17	01-19	03-21	02-18	17-18	AUG
	MINIMUM	-15.5	-9.4	-5.0	1.4	6.3	8.3	13.6	14.8	7.0	1.6	-5.0	-10.8	-15.5
	DAY-HR	17-13	08-13	18-15	09-23	20-00	07-06	08-10	21-12	29-12	29-19	24-15	26-07	JAN
	# OBS	742	692	742	710	736	719	743	743	718	740	717	744	8746
2001	MEAN	-0.1	0.2	1.6	5.8	12.2	17.7	18.0	20.2	16.6	12.7	8.8	5.4	10.0
	MAXIMUM	5.6	8.7	6.9	17.1	25.6	25.9	26.7	27.3	22.9	21.4	17.3	16.0	27.3
	DAY-HR	30-22	10-13	16-22	22-20	03-19	30-19	25-22	09-22	09-19	05-18	02-19	06-17	AUG
	MINIMUM	-8.9	-10.5	-5.8	0.4	6.4	10.5	13.4	15.9	11.7	4.8	2.0	-3.1	-10.5
	DAY-HR	10-12	12-12	01-09	02-13	07-10	03-11	02-13	26-10	14-17	08-12	12-08	31-14	FEB
	# OBS	742	672	740	696	743	718	744	743	714	742	716	730	8700
POR	MEAN	-0.5	-0.2	2.5	6.5	11.4	16.4	19.3	19.5	16.4	11.8	7.1	2.4	9.4
	MAXIMUM	14.1	15.7	19.9	25.7	30.5	30.8	32.1	30.3	28.2	24.1	21.1	18.4	32.1
	YEAR	1995	1985	1989	1990	1987	1988	1989	1987	1991	1986	1990	1984	JUL/1989
	MINIMUM	-19.0	-17.1	-13.1	-5.6	2.7	7.8	9.0	10.5	5.2	1.1	-7.3	-15.1	-19.0
	YEAR	1988	1987	1989	1995	1986	1988	1986	1991	1988	1988	1987	1987	JAN/1988
	# OBS	12099	11042	12442	12084	11949	12076	12046	12213	11427	12414	11633	13116	144541

STATION: 44013 -- POR (8/1984 - 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	-	-	-	-	-	-	-	19.3	15.4	12.7	9.9	6.9	12.5
	MAXIMUM	-	-	-	-	-	-	-	22.9	18.0	14.0	12.5	8.1	22.9
	DAY-HR	-	-	-	-	-	-	-	15-20	24-20	11-19	01-03	04-00	AUG
	MINIMUM	-	-	-	-	-	-	-	15.9	13.6	11.8	7.4	5.9	5.9
	DAY-HR	-	-	-	-	-	-	-	30-15	30-16	16-13	29-16	29-03	DEC
	# OBS	-	-	-	-	-	-	-	552	708	741	716	740	3457
1985	MEAN	4.7	2.6	3.6	5.5	9.9	13.3	17.2	17.8	16.5	13.1	10.0	6.6	10.1
	MAXIMUM	6.7	3.6	5.4	9.7	13.6	18.3	22.6	21.9	20.4	17.1	11.5	8.6	22.6
	DAY-HR	01-10	11-20	28-21	30-17	27-19	20-23	26-20	15-20	08-22	01-20	01-20	02-11	JUL
	MINIMUM	2.4	1.6	2.8	3.9	7.0	11.3	12.5	13.0	13.6	10.9	8.6	4.2	1.6
	DAY-HR	28-12	15-17	07-12	02-00	04-11	27-22	01-06	01-13	28-02	31-16	30-23	31-16	FEB
	# OBS	740	671	739	704	731	719	741	742	716	743	718	744	8708
1986	MEAN	3.6	2.7	3.0	6.4	10.5	13.7	17.1	18.1	14.9	12.8	9.6	6.6	9.9

	MAXIMUM	4.9	3.5	6.0	9.1	14.7	17.1	21.4	21.4	17.2	16.3	11.3	8.1	21.4
	DAY-HR	05-12	03-21	30-20	29-21	30-18	29-22	23-20	09-21	09-19	04-22	03-20	01-07	AUG
	MINIMUM	1.9	2.0	1.5	5.0	7.4	11.7	13.0	14.6	12.5	11.3	8.1	5.1	1.5
	DAY-HR	19-21	28-13	11-05	06-16	01-00	07-12	04-13	29-16	16-17	31-23	30-09	30-10	MAR
	# OBS	741	671	740	716	186	718	734	734	719	739	717	743	8158
1987	MEAN	4.7	2.9	2.8	5.5	8.9	14.2	18.0	18.7	-	11.2	8.3	6.1	9.0
	MAXIMUM	6.0	3.9	5.8	8.5	15.8	17.7	20.9	22.8	-	13.3	10.7	7.3	22.8
	DAY-HR	02-06	08-18	29-17	11-18	30-21	29-20	25-17	18-21	-	18-19	01-19	02-01	AUG
	MINIMUM	2.9	2.2	1.6	3.5	5.7	10.7	15.2	16.4	-	10.1	6.3	4.8	1.6
	DAY-HR	25-17	22-12	05-14	01-03	05-19	17-11	03-12	07-11	-	29-17	30-23	29-02	MAR
	# OBS	730	671	737	719	741	717	744	508	-	604	680	741	7592
1988	MEAN	3.2	2.7	3.2	5.4	9.5	13.4	16.1	18.0	15.5	11.4	9.4	5.9	9.6
	MAXIMUM	5.2	3.6	5.0	7.8	13.6	19.1	21.5	22.3	18.8	14.5	9.7	7.1	22.3
	DAY-HR	01-18	18-21	31-23	27-17	31-15	15-22	30-21	09-19	02-20	01-19	04-19	07-16	AUG
	MINIMUM	1.6	2.0	2.5	4.3	6.2	10.3	11.9	15.7	13.3	9.6	9.0	4.4	1.6
	DAY-HR	25-13	10-15	06-11	01-10	03-03	02-15	02-10	16-17	30-13	31-14	09-09	25-00	JAN
	# OBS	740	693	741	718	741	718	743	741	716	743	219	550	8063
1989	MEAN	4.2	2.8	2.7	4.8	9.8	14.8	18.2	17.8	16.5	12.0	9.5	5.0	10.4
	MAXIMUM	5.1	3.2	4.4	7.5	14.8	20.6	22.3	21.5	20.2	14.5	11.9	7.3	22.3
	DAY-HR	02-06	28-23	28-23	29-21	18-18	27-19	27-19	03-20	11-23	01-16	01-00	01-00	JUL
	MINIMUM	3.1	2.1	2.0	3.2	6.4	11.8	16.4	14.2	13.7	10.5	7.4	2.9	2.0
	DAY-HR	12-13	12-17	14-12	02-14	12-13	11-18	18-07	10-10	29-14	18-13	30-23	31-21	MAR
	# OBS	315	352	734	716	734	702	732	717	712	737	719	737	7907
1990	MEAN	2.6	2.9	3.5	5.1	8.7	13.5	17.1	19.4	17.4	13.1	9.7	7.2	10.1
	MAXIMUM	3.4	3.6	5.2	10.8	12.3	17.9	21.0	23.2	22.2	16.5	11.9	8.5	23.2
	DAY-HR	31-18	23-20	11-19	28-17	25-17	26-22	18-18	18-19	02-19	01-03	04-18	01-16	AUG
	MINIMUM	2.0	2.1	2.4	3.6	6.5	10.3	14.1	16.6	15.0	11.0	8.3	6.0	2.0
	DAY-HR	17-12	08-03	09-13	04-20	01-14	01-11	21-11	19-18	26-12	31-23	28-19	31-09	JAN
	# OBS	741	668	731	708	738	710	737	742	717	741	718	742	8693
1991	MEAN	4.7	3.7	3.9	6.0	11.1	16.2	18.8	17.7	16.4	12.3	9.5	7.0	10.6
	MAXIMUM	6.4	4.4	5.5	10.8	17.2	19.6	22.6	21.5	18.8	15.5	11.4	8.3	22.6
	DAY-HR	01-10	09-22	26-20	27-20	28-22	28-19	24-20	30-21	08-20	04-18	03-20	03-08	JUL
	MINIMUM	3.2	2.9	3.5	3.8	8.0	13.0	16.8	12.9	13.3	10.6	7.8	5.1	2.9
	DAY-HR	30-12	20-01	17-08	02-12	04-12	05-21	28-13	21-00	30-15	31-23	30-14	29-19	FEB
	# OBS	742	671	743	718	744	716	742	734	712	744	719	743	8728
1992	MEAN	4.4	2.9	2.9	4.7	8.8	13.3	15.6	16.0	14.3	11.8	8.8	6.0	9.1
	MAXIMUM	5.6	4.0	4.0	8.8	14.6	17.5	19.6	20.3	17.6	13.4	10.2	8.1	20.3
	DAY-HR	06-21	01-16	30-21	23-20	23-18	29-20	30-22	27-18	09-20	07-20	01-22	03-07	AUG
	MINIMUM	2.4	2.0	2.3	3.1	5.5	9.7	12.1	13.3	11.3	9.8	7.5	4.0	2.0
	DAY-HR	24-01	15-11	23-05	01-11	01-02	02-10	04-22	10-06	04-12	31-23	26-10	28-15	FEB
	# OBS	740	688	737	719	744	720	737	732	713	740	713	741	8724
1993	MEAN	3.9	2.5	1.6	4.2	10.4	13.1	17.3	18.4	15.0	11.1	8.9	7.0	9.5
	MAXIMUM	4.8	3.2	5.3	7.7	13.7	18.3	21.7	22.0	18.8	14.0	10.2	8.2	22.0
	DAY-HR	07-19	06-16	27-17	20-17	21-20	29-18	08-17	27-20	02-20	08-17	01-00	04-19	AUG
	MINIMUM	3.1	1.3	0.8	1.7	5.2	10.2	13.7	16.5	13.3	9.7	7.9	5.5	0.8
	DAY-HR	31-13	28-16	24-12	03-15	01-09	08-12	03-04	23-11	30-10	27-09	30-11	31-23	MAR
	# OBS	733	668	728	712	743	714	727	741	704	743	718	743	8674
1994	MEAN	3.5	1.5	2.1	5.0	8.7	13.4	18.2	17.4	15.8	-	-	-	9.5
	MAXIMUM	5.5	2.3	4.7	8.9	13.3	18.2	22.7	20.8	18.0	-	-	-	22.7
	DAY-HR	02-21	18-20	23-20	30-17	29-17	20-20	21-19	10-21	03-19	-	-	-	JUL
	MINIMUM	1.6	0.8	1.3	2.5	6.4	9.7	12.8	14.9	1.6	-	-	-	0.8
	DAY-HR	31-03	24-11	08-10	01-01	06-10	07-09	01-11	07-15	28-15	-	-	-	FEB
	# OBS	739	653	742	718	737	719	735	741	622	-	-	-	6406
1995	MEAN	-	-	-	-	-	-	-	-	-	-	8.9	6.9	7.6
	MAXIMUM	-	-	-	-	-	-	-	-	-	-	9.8	8.3	9.8
	DAY-HR	-	-	-	-	-	-	-	-	-	-	16-03	03-23	NOV
	MINIMUM	-	-	-	-	-	-	-	-	-	-	7.8	5.2	5.2
	DAY-HR	-	-	-	-	-	-	-	-	-	-	25-14	28-11	DEC
	# OBS	-	-	-	-	-	-	-	-	-	-	377	731	1108
1996	MEAN	4.1	2.3	2.6	4.6	9.4	15.6	16.3	18.2	16.3	12.6	9.8	7.2	10.1
	MAXIMUM	5.5	3.6	4.7	8.3	15.8	22.3	20.6	22.7	19.7	16.4	11.0	8.6	22.7
	DAY-HR	01-20	01-19	31-21	23-16	23-18	15-19	18-21	10-19	06-19	01-19	11-06	02-20	AUG
	MINIMUM	3.1	1.3	1.9	3.2	5.6	12.6	11.7	14.9	14.1	10.6	8.6	5.9	1.3
	DAY-HR	24-03	07-13	10-05	11-14	01-05	01-13	21-09	01-12	27-15	30-13	30-23	23-15	FEB
	# OBS	732	682	718	703	735	680	821	776	718	721	672	731	8689
1997	MEAN	4.9	3.4	3.7	5.0	5.6	-	-	-	-	-	9.0	6.9	5.3
	MAXIMUM	6.3	4.0	5.1	8.3	8.8	-	-	-	-	-	10.5	7.9	10.5
	DAY-HR	04-20	28-22	30-21	23-19	08-20	-	-	-	-	-	12-20	04-20	NOV
	MINIMUM	3.2	2.5	3.1	3.5	-0.3	-	-	-	-	-	7.8	5.1	-0.3
	DAY-HR	31-23	08-22	17-13	03-11	17-10	-	-	-	-	-	30-23	31-23	MAY
	# OBS	731	634	725	703	453	-	-	-	-	-	432	739	4417
1998	MEAN	5.2	3.6	3.4	5.9	10.2	12.3	17.2	16.5	16.3	12.0	8.8	7.0	10.0

	MAXIMUM	5.9	4.8	5.6	9.7	16.4	19.6	21.9	21.2	19.5	14.9	10.3	8.1	21.9
	DAY-HR	05-21	02-21	31-23	22-17	30-20	27-00	15-20	27-22	04-19	01-18	01-23	06-19	JUL
	MINIMUM	4.3	3.1	2.5	3.9	7.1	7.9	14.1	13.4	14.4	10.2	7.4	5.6	2.5
	DAY-HR	30-01	26-13	25-13	05-16	14-10	15-06	29-04	21-12	30-13	31-23	30-23	31-23	MAR
	# OBS	712	664	709	694	708	691	735	789	714	737	719	740	8612
1999	MEAN	4.0	2.9	2.6	5.6	10.3	15.4	17.8	17.4	16.7	12.3	10.3	7.3	10.3
	MAXIMUM	5.8	3.5	5.1	8.5	15.7	21.1	22.2	22.2	20.0	15.7	11.4	8.3	22.2
	DAY-HR	01-07	12-19	29-21	21-17	30-18	23-17	28-21	01-21	01-19	02-19	01-20	07-03	AUG
	MINIMUM	2.5	2.4	2.0	3.5	7.1	11.8	14.4	14.9	13.3	10.9	9.3	5.9	2.0
	DAY-HR	19-07	28-13	20-15	04-12	01-11	07-07	03-12	10-14	18-09	29-15	13-12	31-23	MAR
	# OBS	740	660	712	720	741	711	741	738	715	732	306	741	8257
2000	MEAN	4.7	2.5	3.8	5.4	9.2	13.9	16.9	18.5	16.1	12.4	9.6	6.6	10.0
	MAXIMUM	6.3	4.0	6.6	7.4	12.6	18.8	19.6	21.5	20.3	14.9	11.0	8.6	21.5
	DAY-HR	03-22	24-21	31-19	30-22	28-22	17-19	13-18	11-00	01-00	04-19	04-20	01-10	AUG
	MINIMUM	2.9	1.7	3.1	4.4	6.3	10.6	13.4	16.7	12.8	10.5	8.2	4.3	1.7
	DAY-HR	30-12	08-23	05-14	01-14	02-16	13-10	16-18	02-07	29-12	31-23	30-23	31-23	FEB
	# OBS	742	692	742	710	736	719	742	743	718	740	717	743	8744
2001	MEAN	4.5	3.6	3.1	5.1	11.2	16.1	16.8	19.1	16.3	12.9	9.6	8.3	10.6
	MAXIMUM	5.2	4.0	4.3	10.2	15.1	22.7	20.6	21.9	19.8	15.9	11.7	10.2	22.7
	DAY-HR	08-19	16-19	20-19	30-20	04-18	26-19	20-19	15-19	23-20	02-20	04-19	01-21	JUN
	MINIMUM	3.6	3.2	2.4	3.1	8.6	11.3	14.2	16.5	14.1	10.3	8.7	6.7	2.4
	DAY-HR	31-13	25-12	11-14	03-15	01-03	01-13	13-04	23-07	30-15	31-14	21-16	31-23	MAR
	# OBS	742	672	740	696	743	718	744	743	713	742	716	730	8699
POR	MEAN	4.2	2.8	3.0	5.3	9.6	14.1	17.2	18.0	16.0	12.3	9.4	6.7	9.8
	MAXIMUM	6.7	4.8	6.6	10.8	17.2	22.7	22.7	23.2	22.2	17.1	12.5	10.2	23.2
	YEAR	1985	1998	2000	1991	1991	2001	1994	1990	1990	1985	1984	2001	AUG/1990
	MINIMUM	1.6	0.8	0.8	1.7	-0.3	7.9	11.7	12.9	1.6	9.6	6.3	2.9	-0.3
	YEAR	1994	1994	1993	1993	1997	1998	1996	1991	1994	1988	1987	1989	MAY/1997
	# OBS	11360	10410	11718	11374	10955	10672	11155	11473	10617	10947	10576	12379	133636

STATION: 44013 -- POR (5/1999 - 12/2001)

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

ELEMENT: DEW POINT TEMPERATURE (DEGREES C)

YEAR	ELEMENT	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1999	MEAN	-	-	-	-	8.4	13.5	16.3	15.3	14.5	6.4	2.0	-2.7	9.8
	MAXIMUM	-	-	-	-	15.0	19.8	20.9	20.6	19.8	14.9	13.8	10.5	20.9
	DAY-HR	-	-	-	-	31-15	29-20	18-17	01-22	09-23	14-07	03-08	21-07	JUL
	MINIMUM	-	-	-	-	-3.4	5.7	10.1	7.0	4.9	-4.7	-9.7	-16.5	-16.5
	DAY-HR	-	-	-	-	12-18	16-09	21-11	10-11	23-15	07-22	08-20	28-19	DEC
	# OBS	-	-	-	-	632	712	740	738	715	733	306	740	5316
2000	MEAN	-6.7	-4.4	-0.5	2.3	6.8	12.4	14.4	15.6	11.8	6.5	1.4	-6.7	4.4
	MAXIMUM	11.8	9.4	8.0	11.7	14.6	18.9	17.9	20.5	20.2	13.6	9.4	12.2	20.5
	DAY-HR	05-01	14-18	28-15	16-16	08-17	26-16	29-18	31-18	02-12	03-20	15-04	17-18	AUG
	MINIMUM	-21.4	-18.8	-13.2	-12.6	-2.8	6.1	6.9	7.6	-0.4	-5.4	-13.4	-16.8	-21.4
	DAY-HR	16-00	18-02	14-04	13-15	01-20	13-10	08-01	20-18	29-19	29-05	24-21	14-02	JAN
	# OBS	741	690	740	710	736	719	743	743	718	739	715	740	8734
2001	MEAN	-5.3	-6.3	-3.5	1.1	8.3	14.7	14.9	17.8	13.4	7.8	4.5	0.6	5.8
	MAXIMUM	4.9	6.4	4.9	9.8	15.1	20.0	20.6	21.8	19.6	15.9	13.5	14.2	21.8
	DAY-HR	30-23	10-13	22-11	24-19	12-16	17-04	25-00	09-04	01-11	06-16	03-02	01-06	AUG
	MINIMUM	-15.2	-19.9	-15.1	-8.1	-4.2	5.5	5.3	12.5	4.6	-6.6	-6.7	-9.8	-19.9
	DAY-HR	29-03	22-19	01-00	19-16	08-01	01-12	02-14	30-16	29-23	30-21	12-08	27-23	FEB
	# OBS	732	668	739	696	743	718	744	743	715	742	716	728	8684
POR	MEAN	-6.0	-5.3	-2.0	1.7	7.8	13.5	15.2	16.2	13.2	6.9	2.8	-2.9	6.2
	MAXIMUM	11.8	9.4	8.0	11.7	15.1	20.0	20.9	21.8	20.2	15.9	13.8	14.2	21.8
	YEAR	2000	2000	2000	2000	2001	2001	1999	2001	2000	2001	1999	2001	AUG/2001
	MINIMUM	-21.4	-19.9	-15.1	-12.6	-4.2	5.5	5.3	7.0	-0.4	-6.6	-13.4	-16.8	-21.4
	YEAR	2000	2001	2001	2000	2001	2001	2001	1999	2000	2001	2000	2000	JAN/2000
	# OBS	1473	1358	1479	1406	2111	2149	2227	2224	2148	2214	1737	2208	22734

STATION: 44013 -- POR (8/1984 - 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
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1984	MEAN	-	-	-	-	-	-	-	1014.4	1018.5	1020.5	1017.0	1019.0	1018.1
	MAXIMUM	-	-	-	-	-	-	-	1023.4	1032.9	1034.3	1035.3	1042.2	1042.2
	DAY-HR	-	-	-	-	-	-	-	26-15	08-14	07-16	01-13	27-13	DEC
	MINIMUM	-	-	-	-	-	-	-	1005.6	1000.2	1003.9	998.3	992.0	992.0
	DAY-HR	-	-	-	-	-	-	-	31-21	20-22	03-22	05-18	06-17	DEC
	# OBS	-	-	-	-	-	-	-	550	709	739	717	741	3456
1985	MEAN	1009.0	1017.9	1015.5	1015.0	1012.8	1012.0	1015.1	1018.2	1019.9	1021.1	1021.1	1015.0	1016.0
	MAXIMUM	1030.8	1035.5	1042.3	1035.8	1029.9	1024.1	1026.5	1025.3	1029.5	1036.3	1038.7	1029.4	1042.3
	DAY-HR	03-16	21-16	07-15	14-03	09-13	30-21	01-13	03-13	15-14	18-11	16-15	20-15	MAR
	MINIMUM	992.0	1001.2	988.6	999.3	989.6	998.1	1005.1	1003.3	986.6	1002.3	999.6	987.6	986.6
	DAY-HR	05-10	08-21	12-22	17-01	18-16	01-16	22-21	01-08	27-21	05-21	06-20	02-18	SEP
	# OBS	740	671	741	704	731	719	741	742	717	743	718	744	8711
1986	MEAN	1015.1	1014.8	1016.9	1014.4	1011.7	1013.0	1014.2	1016.7	1019.1	1018.4	1020.6	1020.4	1016.6
	MAXIMUM	1041.8	1038.6	1039.3	1033.5	1018.3	1025.0	1024.2	1028.9	1028.9	1041.5	1041.3	1038.9	1041.8
	DAY-HR	25-08	01-15	25-12	05-19	05-06	03-15	24-13	30-14	17-15	31-22	01-00	02-02	JAN
	MINIMUM	984.9	994.8	988.6	992.2	1002.4	1000.2	999.1	1001.4	1002.3	998.1	990.8	992.1	984.9
	DAY-HR	27-11	26-20	07-08	10-08	31-10	08-21	02-20	24-09	12-22	05-04	21-15	19-11	JAN
	# OBS	740	671	740	716	170	717	736	736	718	739	717	741	8141
1987	MEAN	1011.0	1013.8	1017.1	1014.4	1018.2	1013.2	1015.5	1015.3	-	1019.9	1019.0	1012.6	1015.4
	MAXIMUM	1030.1	1034.3	1033.4	1027.1	1031.7	1024.2	1025.5	1025.0	-	1032.3	1039.1	1030.3	1039.1
	DAY-HR	18-03	27-16	11-17	26-19	13-16	03-16	17-16	14-14	-	24-13	16-16	24-16	NOV
	MINIMUM	968.0	998.9	995.5	990.7	1003.1	1003.6	1004.9	1005.4	-	1003.7	994.3	989.1	968.0
	DAY-HR	23-07	09-19	02-05	30-07	01-00	15-08	26-22	05-00	-	28-18	30-23	16-10	JAN
	# OBS	732	671	738	719	742	718	744	508	-	603	680	742	7597
1988	MEAN	1021.3	1016.5	1015.1	1009.6	1016.0	1011.5	1015.5	1015.5	1017.7	1017.1	1008.9	1019.1	1015.7
	MAXIMUM	1039.0	1036.5	1035.8	1027.6	1026.7	1024.2	1028.2	1025.8	1033.2	1031.3	1025.8	1037.5	1039.0
	DAY-HR	29-16	11-16	23-14	01-15	08-15	24-17	05-14	23-15	29-15	07-16	01-04	23-04	JAN
	MINIMUM	986.9	987.1	995.9	993.3	1002.3	992.2	1003.1	1002.3	993.6	993.2	987.0	1000.8	986.9
	DAY-HR	26-09	13-06	10-19	21-17	24-18	06-01	01-22	18-06	05-20	22-19	02-11	25-06	JAN
	# OBS	740	693	741	718	740	718	743	741	716	743	220	551	8064
1989	MEAN	1021.6	1018.0	1021.6	1014.8	1014.6	1015.4	1016.4	1015.0	1019.7	1018.6	1012.7	1015.5	1016.7
	MAXIMUM	1041.6	1031.9	1041.9	1029.9	1025.8	1026.7	1025.4	1028.3	1033.5	1032.0	1030.3	1033.7	1041.9
	DAY-HR	12-01	05-00	08-18	12-15	19-11	21-13	24-15	11-16	04-18	24-13	13-16	24-03	MAR
	MINIMUM	1000.2	997.8	1001.6	996.7	999.4	1005.7	1001.2	1001.6	1001.5	1003.2	975.9	990.1	975.9
	DAY-HR	04-05	27-08	29-07	07-03	02-21	04-18	10-23	05-18	23-09	04-22	21-07	03-19	NOV
	# OBS	321	352	732	717	737	703	731	716	712	738	719	737	7915
1990	MEAN	1014.8	1018.6	1022.6	1016.9	1013.9	1013.6	1016.2	1017.4	1016.5	1015.6	1013.1	1019.6	1016.5
	MAXIMUM	1031.8	1043.0	1043.9	1038.7	1029.8	1023.4	1026.6	1028.1	1031.3	1028.8	1028.8	1045.8	1045.8
	DAY-HR	15-04	27-02	07-16	19-15	03-14	13-12	08-13	20-18	04-15	21-13	27-05	27-23	DEC
	MINIMUM	987.8	994.0	1002.1	987.9	994.5	1000.6	1000.0	1002.3	997.3	994.1	981.8	993.6	981.8
	DAY-HR	30-11	10-18	21-11	04-11	30-09	04-18	05-10	29-11	15-20	19-07	11-03	24-15	NOV
	# OBS	741	668	732	709	738	712	737	743	718	742	718	742	8700
1991	MEAN	1020.0	1015.6	1011.0	1017.8	1016.9	1014.7	1014.6	1016.0	1019.6	1019.0	1018.5	1017.1	1016.7
	MAXIMUM	1044.3	1040.7	1030.6	1036.5	1034.2	1024.1	1025.0	1034.8	1033.4	1033.6	1033.5	1036.8	1044.3
	DAY-HR	11-15	02-04	31-15	13-06	19-13	07-13	16-14	25-15	30-15	29-13	27-15	31-15	JAN
	MINIMUM	994.5	981.4	989.2	987.9	1003.1	1003.9	1002.2	973.4	1000.7	996.2	999.9	993.9	973.4
	DAY-HR	17-08	14-21	07-18	22-00	12-21	12-20	08-22	19-20	26-19	12-09	11-16	04-10	AUG
	# OBS	741	671	742	718	744	717	742	734	712	744	719	743	8727
1992	MEAN	1013.3	1013.6	1013.2	1015.7	1019.7	1012.4	1013.6	1017.7	1021.1	1016.5	1020.8	1018.7	1016.4
	MAXIMUM	1035.9	1038.1	1035.2	1032.8	1035.2	1025.1	1024.5	1028.9	1034.5	1032.7	1039.7	1044.5	1044.5
	DAY-HR	27-15	10-15	07-01	13-15	07-15	17-16	24-17	23-16	25-17	22-16	20-16	28-00	DEC
	MINIMUM	977.2	987.7	983.5	993.7	998.5	1002.6	999.3	1004.1	1005.7	999.4	995.3	997.9	977.2
	DAY-HR	15-02	29-09	11-21	03-09	03-07	25-09	13-14	29-09	19-08	26-19	13-10	05-19	JAN
	# OBS	740	688	736	719	744	720	740	733	714	741	713	741	8729
1993	MEAN	1020.9	1016.6	1017.3	1014.7	1014.1	1014.4	1013.7	1017.2	1016.6	1017.3	1019.6	1014.2	1016.4
	MAXIMUM	1040.6	1034.6	1042.8	1031.3	1035.2	1025.3	1024.1	1028.2	1027.1	1032.1	1037.5	1044.5	1044.5
	DAY-HR	03-15	12-04	19-16	28-15	03-16	12-17	26-04	09-16	17-01	06-14	27-12	01-13	DEC
	MINIMUM	996.2	983.9	964.6	986.7	997.6	1000.2	1004.8	1005.0	1001.6	998.4	995.6	980.9	964.6
	DAY-HR	31-18	13-18	14-10	23-11	13-05	22-20	30-21	21-05	10-23	13-02	20-10	21-21	MAR
	# OBS	732	669	728	711	743	715	726	741	707	742	718	743	8675
1994	MEAN	1019.6	1019.5	1011.0	1016.1	1011.9	1013.3	1015.9	1016.1	1014.9	1017.6	1016.6	1020.1	1016.0
	MAXIMUM	1042.8	1037.5	1033.5	1032.0	1028.1	1025.2	1025.1	1027.0	1027.4	1034.6	1036.4	1035.8	1042.8
	DAY-HR	27-17	11-07	12-15	09-12	04-14	16-13	04-16	24-15	04-08	12-16	27-17	13-14	JAN
	MINIMUM	987.9	990.6	983.6	999.9	996.1	1001.6	1007.4	1003.5	1000.3	1005.8	989.4	999.0	983.6
	DAY-HR	04-20	24-19	04-08	25-00	27-07	07-19	26-21	21-21	29-20	21-20	02-09	24-07	MAR
	# OBS	739	655	742	719	738	719	734	741	709	733	715	737	8681
1995	MEAN	1014.4	1012.2	1018.1	1013.2	1013.1	1015.4	1013.6	1015.4	1018.6	1015.4	1015.4	1012.9	1014.8
	MAXIMUM	1035.0	1037.6	1039.7	1033.5	1029.9	1028.9	1024.2	1025.7	1031.9	1028.2	1031.9	1033.0	1039.7
	DAY-HR	11-15	27-06	12-17	11-18	28-14	27-20	05-15	03-13	29-16	31-16	10-14	14-08	MAR
	MINIMUM	992.0	969.4	993.1	994.0	1000.8	995.4	1005.4	1004.0	1000.6	995.4	989.2	987.4	969.4
	DAY-HR	07-13	05-05	21-23	04-20	19-19	07-22	24-04	12-21	17-23	28-20	12-11	21-19	FEB
	# OBS	736	666	742	712	736	713	736	738	712	736	701	731	8659

1996	MEAN	1016.8	1011.3	1014.7	1010.8	1015.3	1015.9	1011.2	1018.4	1013.7	1017.0	1019.7	1018.2	1015.2
	MAXIMUM	1039.8	1033.5	1043.9	1025.7	1031.4	1028.9	1025.7	1028.3	1031.9	1039.6	1042.1	1034.4	1043.9
	DAY-HR	26-16	07-13	10-16	29-12	07-14	02-13	12-13	20-14	27-13	05-17	16-00	26-15	MAR
	MINIMUM	990.4	989.1	995.0	986.6	994.2	1004.1	993.7	1011.7	995.6	985.9	999.4	985.3	985.3
	DAY-HR	13-06	11-19	08-18	10-15	12-16	23-08	20-02	09-22	18-16	09-08	26-18	08-10	DEC
	# OBS	732	681	718	703	735	680	821	776	718	721	672	731	8688
1997	MEAN	1014.2	1019.2	1015.0	1010.2	1010.9	1014.0	1010.4	-	-	-	1012.3	1008.1	1012.8
	MAXIMUM	1040.8	1038.2	1036.7	1025.3	1028.9	1024.2	1018.3	-	-	-	1025.7	1029.9	1040.8
	DAY-HR	27-16	14-02	09-16	11-14	28-16	06-16	07-08	-	-	-	18-15	22-16	JAN
	MINIMUM	985.5	996.4	984.4	982.8	995.8	998.8	999.9	-	-	-	990.0	975.2	975.2
	DAY-HR	10-16	22-20	06-17	19-09	16-11	14-07	04-19	-	-	-	27-10	30-18	DEC
	# OBS	730	634	725	703	708	691	147	-	-	-	450	738	5526
1998	MEAN	1017.5	1013.1	1014.9	1011.4	1011.2	1009.6	1011.9	1016.6	1011.2	1016.1	1014.9	1016.6	1013.8
	MAXIMUM	1035.2	1035.2	1035.2	1025.7	1024.2	1022.1	1020.6	1028.2	1023.5	1032.1	1031.5	1035.1	1035.2
	DAY-HR	23-12	16-15	17-16	12-15	13-15	11-16	06-17	08-15	24-14	06-16	10-14	23-15	MAR
	MINIMUM	996.0	984.6	993.2	991.6	997.7	994.6	993.2	1003.2	996.4	997.5	991.9	989.2	984.6
	DAY-HR	25-11	25-05	10-08	10-08	21-21	30-23	01-08	24-22	08-12	30-19	27-01	30-10	FEB
	# OBS	712	664	709	694	708	691	735	789	714	737	719	740	8612
1999	MEAN	1019.5	1015.3	1010.6	1011.5	1016.8	1017.2	1012.9	1013.3	1015.4	1018.2	1016.8	1016.1	1015.2
	MAXIMUM	1042.7	1038.3	1028.9	1026.7	1029.6	1030.3	1025.8	1025.7	1028.8	1032.9	1031.9	1032.8	1042.7
	DAY-HR	31-16	01-00	06-09	30-17	16-14	20-13	12-16	31-15	27-14	30-15	12-15	20-06	JAN
	MINIMUM	995.5	1001.0	984.0	998.0	1000.6	1000.3	1003.0	1000.0	986.2	990.8	998.1	997.7	984.0
	DAY-HR	04-01	13-04	01-12	08-20	25-01	29-20	10-09	08-21	17-09	23-14	03-18	27-07	MAR
	# OBS	740	660	712	720	741	710	741	738	715	733	306	741	8257
2000	MEAN	1014.8	1018.6	1015.2	1013.7	1013.9	1015.1	1014.4	1015.7	1016.2	1018.0	1012.8	1017.1	1015.4
	MAXIMUM	1038.2	1036.5	1038.5	1032.9	1028.2	1025.1	1027.3	1025.8	1032.9	1038.2	1033.1	1040.7	1040.7
	DAY-HR	06-15	18-09	19-01	13-15	03-16	14-16	26-17	22-15	06-16	23-14	25-14	14-01	DEC
	MINIMUM	985.5	996.3	985.3	988.4	996.3	1003.1	1001.8	1006.4	999.5	1005.1	999.0	983.0	983.0
	DAY-HR	26-03	14-20	28-19	09-18	25-18	23-00	10-18	16-21	15-20	31-04	15-06	18-04	DEC
	# OBS	742	692	742	710	736	719	742	743	718	740	717	743	8744
2001	MEAN	1014.6	1019.0	1011.2	1017.2	1016.0	1014.3	1013.7	1014.7	1016.8	1016.7	1019.4	1014.4	1015.6
	MAXIMUM	1031.9	1040.8	1033.0	1032.3	1035.2	1025.7	1025.7	1025.2	1024.0	1036.7	1032.6	1034.5	1040.8
	DAY-HR	23-01	12-15	20-15	29-14	07-15	26-14	28-15	01-21	20-02	09-14	13-15	12-15	FEB
	MINIMUM	993.9	986.9	985.1	998.5	1004.1	1002.6	1001.0	1006.0	1003.4	996.4	1004.0	986.0	985.1
	DAY-HR	30-23	06-04	06-11	18-13	28-22	03-22	10-22	10-18	01-11	25-21	20-11	18-17	MAR
	# OBS	742	672	740	696	743	718	744	743	715	742	716	730	8701
POR	MEAN	1016.2	1016.0	1015.4	1014.0	1014.7	1013.8	1014.2	1016.1	1017.2	1017.8	1017.0	1016.3	1015.7
	MAXIMUM	1044.3	1043.0	1043.9	1038.7	1035.2	1030.3	1028.2	1034.8	1034.5	1041.5	1042.1	1045.8	1045.8
	YEAR	1991	1990	1996	1990	2001	1999	1988	1991	1992	1986	1996	1990	DEC/1990
	MINIMUM	968.0	969.4	964.6	982.8	989.6	992.2	993.2	973.4	986.2	985.9	975.9	975.2	964.6
	YEAR	1987	1995	1993	1997	1985	1988	1998	1991	1999	1996	1989	1997	MAR/1993
	# OBS	12100	11078	12460	12088	11934	12080	12040	12212	11424	12416	11635	13116	144583

STATION: 44013 -- POR (8/1984 - 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	-	-	-	-	-	-	-	7.8	8.9	10.0	13.6	12.4	10.7
	MAXIMUM	-	-	-	-	-	-	-	19.4	23.3	35.0	27.2	31.1	35.0
	DAY-HR	-	-	-	-	-	-	-	23-13	27-03	02-12	17-19	25-13	OCT
	MINIMUM	-	-	-	-	-	-	-	0.0	0.0	0.0	0.0	0.0	0.0
	DAY-HR	-	-	-	-	-	-	-	31-14	29-05	29-21	28-13	18-10	DEC
	# OBS	-	-	-	-	-	-	-	552	712	740	717	738	3459
1985	MEAN	14.8	13.4	13.2	10.3	9.8	9.9	7.1	8.1	8.8	10.4	12.6	13.1	10.9
	MAXIMUM	31.1	35.0	29.2	29.2	29.2	29.2	21.4	31.1	46.7	23.3	29.2	33.0	46.7
	DAY-HR	09-20	13-05	21-08	17-06	03-20	27-18	15-08	31-10	27-20	29-08	17-09	18-19	SEP
	MINIMUM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	DAY-HR	31-21	26-13	27-08	27-22	30-13	30-15	31-04	27-13	29-16	24-18	26-18	21-04	DEC
	# OBS	742	672	739	704	733	719	741	742	716	743	719	744	8714
1986	MEAN	14.5	12.1	11.9	9.2	7.4	10.2	8.2	7.9	8.8	10.4	12.6	13.7	10.8
	MAXIMUM	31.1	25.3	35.0	29.2	21.4	23.3	27.2	25.3	27.2	29.2	35.0	42.8	42.8
	DAY-HR	12-19	26-02	19-18	25-12	03-00	17-13	02-21	25-16	16-12	06-20	22-05	19-11	DEC
	MINIMUM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	DAY-HR	30-22	27-23	28-13	30-21	31-18	22-16	29-04	31-16	29-18	29-06	26-10	30-17	DEC
	# OBS	741	671	740	716	186	719	738	735	719	739	717	742	8163
1987	MEAN	14.7	14.1	10.3	11.0	9.3	8.8	7.1	-	-	13.5	12.2	14.2	11.4
	MAXIMUM	38.9	35.0	27.2	36.9	27.2	23.3	17.5	-	-	31.1	21.4	34.8	38.9
	DAY-HR	02-16	09-18	31-21	13-21	05-09	23-18	21-20	-	-	28-14	03-17	30-13	JAN

	MINIMUM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	0.0	0.0	0.0	0.0
	DAY-HR	30-13	27-02	29-16	27-02	30-21	28-08	13-15	-	-	26-17	02-18	24-19	DEC
	# OBS	733	671	738	719	742	719	515	-	-	605	88	497	6027
1988	MEAN	13.6	14.3	13.5	12.9	-	-	-	-	-	-	-	14.7	13.7
	MAXIMUM	32.3	34.6	29.9	27.0	-	-	-	-	-	-	-	34.6	34.6
	DAY-HR	05-08	12-11	20-21	21-23	-	-	-	-	-	-	-	16-06	DEC
	MINIMUM	0.0	0.0	0.0	0.0	-	-	-	-	-	-	-	0.0	0.0
	DAY-HR	29-19	19-13	30-14	23-14	-	-	-	-	-	-	-	15-00	DEC
	# OBS	740	693	741	717	-	-	-	-	-	-	-	553	3444
1989	MEAN	15.8	14.7	13.6	12.0	11.2	9.0	8.9	9.0	9.9	12.0	16.5	17.2	12.2
	MAXIMUM	34.2	35.2	32.9	33.2	29.5	21.0	26.6	20.4	31.7	32.1	43.7	34.8	43.7
	DAY-HR	05-00	09-16	25-10	16-19	03-19	15-16	17-16	30-23	23-07	19-16	21-17	07-11	NOV
	MINIMUM	1.9	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	DAY-HR	08-13	26-18	27-00	29-14	31-10	29-18	30-01	10-16	21-18	31-09	08-09	30-03	DEC
	# OBS	328	352	733	718	737	703	731	715	712	739	719	738	7925
1990	MEAN	12.8	15.8	12.6	12.7	11.2	10.0	8.8	6.5	-	14.0	16.3	15.9	12.4
	MAXIMUM	32.3	34.6	35.0	33.6	28.0	29.2	25.5	18.1	-	39.9	35.8	41.4	41.4
	DAY-HR	01-21	20-14	21-19	11-08	11-04	11-14	21-01	14-06	-	19-18	12-12	31-09	DEC
	MINIMUM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0	0.0	0.0	0.0
	DAY-HR	29-12	17-03	16-17	17-02	25-16	22-13	26-10	31-16	-	21-14	17-17	07-18	DEC
	# OBS	741	667	732	708	737	711	737	743	-	649	719	741	7885
1991	MEAN	14.7	13.9	15.5	12.0	11.1	10.9	8.8	10.6	11.5	13.6	13.8	16.2	12.7
	MAXIMUM	36.5	32.3	34.0	39.9	28.8	37.9	21.4	44.9	31.3	44.1	38.9	38.7	44.9
	DAY-HR	31-22	22-20	14-23	21-15	18-03	12-21	24-01	19-19	25-17	31-02	11-16	15-10	AUG
	MINIMUM	0.8	0.0	0.0	0.4	0.4	0.2	0.0	0.4	0.4	0.4	0.0	1.4	0.0
	DAY-HR	30-18	25-08	06-15	16-17	19-08	19-22	31-02	29-12	15-09	19-16	29-19	17-19	NOV
	# OBS	742	671	741	718	744	717	742	734	713	744	719	743	8728
1992	MEAN	15.7	15.6	14.9	12.2	10.8	11.0	9.1	9.9	11.0	12.2	12.1	16.8	12.6
	MAXIMUM	39.9	34.2	34.8	29.2	27.0	28.0	20.2	25.1	27.4	26.8	36.0	44.7	44.7
	DAY-HR	15-07	29-11	27-10	03-15	03-01	01-15	13-15	29-08	03-20	17-06	13-10	12-10	DEC
	MINIMUM	0.8	0.4	0.0	0.0	0.0	0.2	0.2	0.2	0.4	0.2	0.4	0.4	0.0
	DAY-HR	28-20	28-18	19-05	14-06	17-09	27-16	05-02	15-03	03-08	11-18	20-20	29-13	MAY
	# OBS	740	688	737	719	744	720	741	736	714	741	710	743	8733
1993	MEAN	14.6	16.1	14.2	12.9	10.3	11.1	9.4	8.4	11.0	12.2	12.7	15.3	12.3
	MAXIMUM	38.5	32.5	50.0	34.6	27.2	26.8	22.7	21.6	26.2	29.7	29.2	33.8	50.0
	DAY-HR	29-23	17-15	13-23	02-01	29-21	01-08	17-00	31-19	28-11	31-05	02-06	26-15	MAR
	MINIMUM	0.2	0.4	0.0	0.0	0.0	0.6	0.4	0.2	0.0	0.0	0.6	0.0	0.0
	DAY-HR	16-21	27-03	02-19	06-03	24-12	20-16	08-12	07-12	09-15	24-05	03-09	29-21	DEC
	# OBS	733	669	729	712	743	716	731	742	710	743	717	744	8689
1994	MEAN	16.1	15.1	11.7	9.8	10.4	8.8	-	-	10.9	11.1	14.1	14.7	12.5
	MAXIMUM	34.2	31.3	31.1	29.7	29.9	21.0	-	-	26.8	22.9	34.2	40.4	40.4
	DAY-HR	06-02	26-23	04-00	17-16	05-17	01-02	-	-	23-19	17-09	03-02	24-06	DEC
	MINIMUM	0.4	0.0	0.6	0.0	0.0	0.0	-	-	0.0	0.2	1.2	0.8	0.0
	DAY-HR	31-23	01-00	25-06	15-15	25-21	16-10	-	-	21-16	16-22	04-16	17-16	SEP
	# OBS	740	625	741	720	738	426	-	-	237	733	715	737	6412
1995	MEAN	13.7	14.9	10.3	10.1	8.9	7.8	7.1	9.4	10.4	11.5	13.7	16.9	11.2
	MAXIMUM	27.4	36.4	29.5	35.0	25.7	20.4	16.7	25.1	30.7	30.7	35.4	31.1	36.4
	DAY-HR	20-21	04-21	10-01	05-01	08-06	07-22	08-23	25-09	17-23	22-00	14-23	20-15	FEB
	MINIMUM	0.2	0.0	0.2	0.4	0.0	0.0	0.2	0.2	0.6	0.0	0.4	1.0	0.0
	DAY-HR	29-22	28-16	28-22	08-16	02-13	10-09	19-19	29-14	19-04	04-19	03-23	03-14	OCT
	# OBS	736	666	742	712	736	713	736	738	712	736	701	731	8659
1996	MEAN	15.8	14.1	12.7	11.0	9.0	7.8	8.6	7.3	10.5	11.8	13.4	13.7	11.3
	MAXIMUM	36.5	30.9	31.7	24.9	26.2	19.8	22.6	15.9	34.4	36.5	27.6	33.2	36.5
	DAY-HR	08-13	29-05	04-01	30-00	12-19	26-13	13-20	11-07	18-11	09-06	27-06	06-19	OCT
	MINIMUM	0.4	1.0	0.4	0.2	0.2	0.6	0.6	0.2	0.2	0.8	0.8	0.4	0.2
	DAY-HR	30-07	23-23	28-17	29-06	18-14	29-12	26-14	22-15	12-07	13-15	25-00	17-01	SEP
	# OBS	732	682	718	234	735	680	821	776	718	721	672	731	8220
1997	MEAN	16.5	13.6	14.2	12.0	10.6	8.2	8.6	-	-	-	15.3	14.4	12.9
	MAXIMUM	34.0	31.5	37.9	38.3	26.6	20.0	22.6	-	-	-	36.2	34.2	38.3
	DAY-HR	08-00	20-07	06-19	01-03	02-15	05-12	04-04	-	-	-	27-15	02-07	APR
	MINIMUM	0.8	1.2	0.8	0.4	0.0	0.0	1.2	-	-	-	0.6	0.0	0.0
	DAY-HR	05-17	02-23	29-23	27-14	26-22	19-21	06-16	-	-	-	30-17	16-19	DEC
	# OBS	731	634	725	703	707	689	148	-	-	-	449	739	5525
1998	MEAN	14.9	13.5	12.3	9.2	9.8	8.0	7.2	6.4	9.1	13.2	13.1	13.7	10.8
	MAXIMUM	31.3	32.9	29.7	32.3	27.0	25.1	19.6	20.6	20.4	27.6	28.0	34.2	34.2
	DAY-HR	16-19	05-22	22-09	10-10	10-16	14-13	01-23	29-12	09-19	31-01	26-20	31-01	DEC
	MINIMUM	0.0	0.0	0.2	0.4	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0
	DAY-HR	12-18	28-10	08-06	14-14	25-09	21-06	31-13	07-16	17-16	08-20	19-15	06-19	DEC
	# OBS	712	664	709	693	708	690	735	789	714	737	719	739	8609
1999	MEAN	14.6	12.9	14.8	9.8	8.3	7.9	7.6	8.2	9.4	12.5	15.2	14.8	11.1
	MAXIMUM	35.8	31.1	32.7	24.9	20.6	18.7	20.6	23.3	33.0	35.0	27.0	36.7	36.7
	DAY-HR	03-21	25-19	07-08	05-04	25-18	20-21	02-17	22-08	17-19	14-18	03-08	11-19	DEC

	MINIMUM	0.6	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	2.1	0.0	0.0
	DAY-HR	27-19	08-22	20-20	23-21	16-06	22-15	28-18	24-17	15-13	30-05	01-15	03-20	DEC
	# OBS	740	660	712	720	741	713	741	738	715	733	306	741	8260
2000	MEAN	16.9	13.5	12.0	13.2	9.5	8.9	8.1	8.5	10.0	12.2	13.3	16.3	11.9
	MAXIMUM	38.5	32.5	34.4	29.9	28.2	35.6	21.6	21.2	26.0	33.0	25.7	36.4	38.5
	DAY-HR	17-09	12-05	17-14	22-10	18-21	07-04	27-15	24-03	05-06	31-04	30-19	30-22	JAN
	MINIMUM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0
	DAY-HR	10-03	27-05	31-17	29-08	09-09	29-08	07-23	31-16	18-19	01-16	25-20	21-21	NOV
	# OBS	742	692	742	710	736	719	743	743	718	740	717	744	8746
2001	MEAN	13.4	14.6	14.6	8.9	9.7	8.0	7.6	7.5	9.7	11.7	12.1	13.3	10.9
	MAXIMUM	34.2	35.6	36.7	28.4	25.5	32.1	29.9	21.4	25.7	30.9	27.8	26.6	36.7
	DAY-HR	21-13	06-06	06-04	18-13	31-06	30-23	01-03	03-23	30-03	18-09	06-02	16-05	MAR
	MINIMUM	0.0	0.0	0.4	0.0	0.2	0.4	0.2	0.2	0.0	0.4	0.8	0.4	0.0
	DAY-HR	26-21	03-01	12-20	20-04	21-09	21-05	18-12	04-17	28-03	09-18	04-19	05-20	SEP
	# OBS	650	672	740	695	743	718	744	743	715	742	716	732	8610
POR	MEAN	14.9	14.2	13.1	11.2	10.0	9.2	8.1	8.2	9.9	12.0	13.7	14.9	11.7
	MAXIMUM	39.9	36.4	50.0	39.9	29.9	37.9	29.9	44.9	46.7	44.1	43.7	44.7	50.0
	YEAR	1992	1995	1993	1991	1994	1991	2001	1991	1985	1991	1989	1992	MAR/1993
	MINIMUM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	YEAR	2001	2001	2000	2001	2000	2000	2000	2000	2001	2000	2000	1999	SEP/2001
	# OBS	12023	11049	12459	11618	11210	11072	10344	10226	9525	11585	10820	12877	134808

STATION: 44013 -- POR (8/1984 - 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	-	-	-	-	-	-	-	9.3	10.8	12.2	16.8	15.5	13.1
	MAXIMUM	-	-	-	-	-	-	-	23.3	31.1	40.8	35.0	40.8	40.8
	DAY-HR	-	-	-	-	-	-	-	23-13	15-17	02-16	17-19	25-13	DEC
	# OBS	-	-	-	-	-	-	-	552	697	739	716	737	3441
1985	MEAN	18.8	16.6	16.2	12.5	11.6	11.7	8.7	9.5	10.6	12.5	15.4	16.6	13.4
	MAXIMUM	38.9	44.7	35.0	38.9	36.9	38.9	23.3	38.9	62.2	29.2	38.9	38.9	62.2
	DAY-HR	16-11	13-02	16-03	17-06	03-20	27-13	16-01	31-10	27-20	29-08	15-11	18-23	SEP
	# OBS	739	670	738	704	731	719	728	742	715	742	718	743	8689
1986	MEAN	18.0	15.1	14.4	11.1	10.8	12.1	9.7	9.4	10.6	12.8	15.7	17.1	13.2
	MAXIMUM	38.9	33.0	48.6	35.0	25.3	31.1	33.0	31.1	31.1	36.9	42.8	52.5	52.5
	DAY-HR	12-19	26-03	19-18	25-06	02-23	17-12	02-21	25-02	16-21	06-19	19-12	19-11	DEC
	# OBS	740	671	740	716	186	717	732	731	718	738	717	742	8148
1987	MEAN	18.4	17.6	12.6	13.5	11.0	10.5	8.3	-	-	16.4	14.6	17.4	13.9
	MAXIMUM	48.6	42.8	35.0	44.7	35.0	29.2	19.4	-	-	38.9	25.3	44.3	48.6
	DAY-HR	02-16	10-00	10-05	13-21	05-09	23-18	21-20	-	-	28-10	03-16	30-13	JAN
	# OBS	729	671	737	719	741	719	515	-	-	603	88	497	6019
1988	MEAN	16.9	17.7	16.4	15.6	-	-	-	-	-	-	-	18.2	16.9
	MAXIMUM	44.3	44.7	38.1	34.2	-	-	-	-	-	-	-	42.4	44.7
	DAY-HR	05-06	21-18	20-21	21-23	-	-	-	-	-	-	-	16-06	FEB
	# OBS	740	692	741	718	-	-	-	-	-	-	-	547	3438
1989	MEAN	19.2	18.1	16.4	14.5	13.2	10.6	10.5	10.6	12.0	14.5	20.6	21.9	14.8
	MAXIMUM	44.9	45.7	41.0	42.6	36.2	26.6	34.4	26.4	42.6	40.2	54.6	44.5	54.6
	DAY-HR	05-00	09-17	25-10	16-20	03-19	15-16	07-23	23-22	23-06	19-15	21-09	07-11	NOV
	# OBS	311	347	733	714	733	701	730	715	711	739	716	736	7886
1990	MEAN	15.7	19.2	15.4	15.1	13.3	11.7	10.2	8.0	-	17.1	19.9	19.9	15.0
	MAXIMUM	42.6	43.0	45.1	42.0	42.2	35.8	35.4	22.9	-	49.2	45.5	50.9	50.9
	DAY-HR	01-20	20-14	23-23	11-07	11-04	11-14	21-01	14-06	-	19-18	12-06	31-09	DEC
	# OBS	741	666	732	707	735	710	737	743	-	649	717	741	7878
1991	MEAN	18.5	17.3	19.1	14.5	13.0	12.8	10.3	12.4	13.9	16.2	16.7	19.9	15.4
	MAXIMUM	44.9	46.7	48.4	48.6	36.0	49.0	26.4	59.1	41.2	54.6	48.4	47.4	59.1
	DAY-HR	31-22	22-20	02-18	21-13	04-07	12-21	08-23	19-19	25-17	31-01	11-16	15-10	AUG
	# OBS	742	671	741	718	744	717	742	734	712	743	719	743	8726
1992	MEAN	19.5	19.1	18.1	14.5	12.6	12.6	10.5	11.4	12.8	14.7	14.7	20.9	15.1
	MAXIMUM	54.4	46.7	43.5	34.2	35.2	32.1	22.9	30.1	31.9	33.2	45.7	57.2	57.2
	DAY-HR	24-02	29-16	12-07	03-13	03-01	01-16	13-15	29-08	03-22	17-06	13-10	12-09	DEC
	# OBS	739	688	737	719	743	719	740	731	713	740	709	738	8716
1993	MEAN	18.2	20.2	17.5	15.3	12.2	12.9	10.9	9.8	12.9	15.2	16.0	19.7	15.0
	MAXIMUM	48.4	41.0	63.0	43.2	33.2	34.6	30.3	31.1	43.2	37.3	42.4	43.7	63.0
	DAY-HR	29-23	17-03	13-23	02-01	29-21	22-22	17-00	05-01	27-23	04-15	02-06	26-15	MAR

	# OBS	733	665	728	712	743	713	721	738	699	743	717	743	8655
1994	MEAN	20.8	19.2	14.6	12.0	12.9	10.5	-	-	13.2	13.6	17.4	18.4	15.6
	MAXIMUM	44.7	41.4	41.0	39.5	36.7	27.2	-	-	32.7	29.5	43.0	53.8	53.8
	DAY-HR	06-02	28-03	03-22	17-16	05-18	06-18	-	-	23-11	17-05	03-02	24-06	DEC
	# OBS	740	622	740	719	737	426	-	-	237	732	715	737	6405
1995	MEAN	17.2	18.9	12.7	12.4	10.8	9.2	8.3	11.2	12.6	14.0	17.1	20.9	13.8
	MAXIMUM	41.0	44.1	38.1	43.7	32.9	25.1	21.0	30.9	39.1	39.3	44.9	38.3	44.9
	DAY-HR	05-13	04-21	10-01	05-16	08-06	07-21	29-10	25-09	17-23	22-00	15-01	22-07	NOV
	# OBS	736	665	742	712	736	713	736	738	712	736	701	731	8658
1996	MEAN	19.7	17.6	15.5	13.4	10.7	9.2	10.1	8.6	12.5	14.5	16.6	16.8	13.7
	MAXIMUM	45.5	37.3	41.0	31.3	32.9	26.0	28.4	18.7	42.8	47.8	35.2	41.8	47.8
	DAY-HR	08-13	29-05	04-01	26-16	12-19	26-13	13-21	11-07	18-11	09-06	27-06	06-19	OCT
	# OBS	732	682	718	234	735	680	821	776	718	721	672	731	8220
1997	MEAN	20.6	16.6	17.5	14.7	12.7	9.7	10.0	-	-	-	19.1	17.8	15.8
	MAXIMUM	43.9	39.3	46.5	48.0	31.7	24.7	27.2	-	-	-	48.0	42.8	48.0
	DAY-HR	08-00	25-02	31-23	01-02	02-15	05-12	04-04	-	-	-	27-15	02-07	NOV
	# OBS	731	634	725	703	707	689	147	-	-	-	449	739	5524
1998	MEAN	18.3	16.7	15.0	11.1	11.7	9.5	8.4	7.5	10.9	16.0	16.0	16.8	13.1
	MAXIMUM	39.7	41.4	38.3	39.5	33.0	29.7	24.5	24.7	25.3	36.4	34.6	41.2	41.4
	DAY-HR	16-19	05-22	22-09	24-00	10-09	14-13	01-23	29-12	09-21	31-01	26-20	31-01	FEB
	# OBS	712	664	709	693	708	690	735	789	714	737	719	739	8609
1999	MEAN	18.2	15.9	18.1	11.8	9.8	9.3	9.0	9.7	11.3	15.2	18.8	18.5	13.5
	MAXIMUM	44.1	37.3	40.8	29.7	29.9	21.6	36.9	27.4	40.0	45.1	33.2	43.5	45.1
	DAY-HR	03-21	03-03	22-12	05-05	24-23	16-05	06-22	22-08	17-19	14-18	08-00	11-19	OCT
	# OBS	740	660	712	720	741	709	741	738	715	733	306	741	8256
2000	MEAN	21.3	16.6	14.7	16.1	11.4	10.6	9.7	10.2	12.0	14.9	16.6	20.8	14.6
	MAXIMUM	49.2	39.3	44.7	38.9	35.6	49.0	26.0	27.8	31.7	39.5	32.1	45.3	49.2
	DAY-HR	17-09	12-05	17-14	10-02	18-23	07-04	27-15	24-00	05-06	31-04	23-01	18-05	JAN
	# OBS	742	692	742	710	736	719	742	743	718	740	717	744	8745
2001	MEAN	16.6	18.3	18.1	10.8	11.6	9.4	8.9	8.7	11.5	14.1	14.7	16.2	13.2
	MAXIMUM	41.0	59.7	46.5	36.7	31.9	42.2	35.8	34.8	30.9	38.1	34.6	32.7	59.7
	DAY-HR	21-13	06-03	06-02	18-13	31-06	30-23	01-03	03-23	30-12	18-09	07-21	18-18	FEB
	# OBS	650	672	740	695	743	718	744	743	715	742	716	730	8608
POR	MEAN	18.6	17.7	16.0	13.5	11.9	10.8	9.6	9.7	11.9	14.6	16.9	18.5	14.3
	MAXIMUM	54.4	59.7	63.0	48.6	42.2	49.0	36.9	59.1	62.2	54.6	54.6	57.2	63.0
	YEAR	1992	2001	1993	1991	1990	2000	1999	1991	1985	1991	1989	1992	MAR/1993
	# OBS	11997	11032	12455	11613	11199	11059	10311	10213	9494	11577	10812	12859	134621

STATION: 44013 -- POR (11/1997 - 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
1997	MEAN	-	-	-	-	-	-	-	-	-	-	20.8	19.4	19.9
	MAXIMUM	-	-	-	-	-	-	-	-	-	-	48.0	47.6	48.0
	DAY-HR	-	-	-	-	-	-	-	-	-	-	27-14	14-18	NOV
	MINIMUM	-	-	-	-	-	-	-	-	-	-	3.3	1.6	1.6
	DAY-HR	-	-	-	-	-	-	-	-	-	-	30-16	16-18	DEC
	# OBS	-	-	-	-	-	-	-	-	-	-	450	739	1189
1998	MEAN	19.9	18.2	16.7	12.7	13.2	11.1	9.8	8.7	12.4	17.6	17.4	18.6	14.6
	MAXIMUM	40.4	44.5	42.0	42.4	34.2	34.6	24.3	27.0	37.3	36.2	40.8	44.1	44.5
	DAY-HR	16-15	24-15	22-09	10-08	10-15	27-19	23-19	18-20	15-23	31-00	11-13	22-22	FEB
	MINIMUM	2.3	1.6	1.9	1.6	1.4	1.2	2.1	0.8	1.2	1.9	2.5	1.9	0.8
	DAY-HR	05-23	28-09	08-05	09-14	08-13	19-01	06-16	05-07	17-16	17-01	20-17	06-17	AUG
	# OBS	712	664	709	693	708	690	735	789	715	737	743	738	8633
1999	MEAN	19.7	17.7	19.8	13.6	11.2	10.5	10.6	11.1	12.6	16.9	18.7	20.2	15.2
	MAXIMUM	46.9	38.9	42.8	31.7	30.9	24.9	40.6	29.9	43.5	47.0	38.1	44.9	47.0
	DAY-HR	03-21	26-00	16-15	24-06	25-17	29-19	06-22	30-03	17-16	14-16	16-22	11-23	OCT
	MINIMUM	2.1	2.1	1.4	1.4	1.0	0.0	2.1	0.0	1.4	1.4	2.7	2.1	0.0
	DAY-HR	27-18	28-10	27-07	03-01	02-07	25-19	28-17	05-19	15-07	30-04	26-22	09-21	AUG
	# OBS	764	660	711	720	741	703	737	734	714	734	716	741	8675
2000	MEAN	23.3	18.5	16.5	17.9	13.1	12.2	11.0	11.5	13.4	16.4	18.0	22.8	16.2
	MAXIMUM	49.4	46.1	44.7	41.0	42.0	49.0	28.8	28.6	31.9	45.1	34.0	50.3	50.3
	DAY-HR	17-11	14-17	17-13	10-03	18-20	07-03	16-05	24-03	05-05	31-04	15-19	18-04	DEC
	MINIMUM	2.5	2.1	1.7	1.7	1.6	1.6	1.9	1.2	0.4	2.7	1.0	2.5	0.4
	DAY-HR	06-15	05-04	31-17	29-08	03-13	14-08	24-12	05-05	14-13	25-17	28-21	21-18	SEP

	# OBS	742	692	742	710	735	718	740	743	718	739	718	743	8740
2001	MEAN	17.6	-	-	7.2	13.1	10.7	10.4	10.0	12.8	15.7	16.1	17.7	13.8
	MAXIMUM	41.4	-	-	7.2	35.2	43.2	37.1	34.8	34.8	38.5	36.7	34.8	43.2
	DAY-HR	21-13	-	-	30-23	30-22	30-22	01-22	03-22	04-19	18-08	07-19	18-23	JUN
	MINIMUM	2.5	-	-	7.2	2.9	2.5	1.9	1.6	2.3	3.3	2.3	3.1	1.6
	DAY-HR	26-20	-	-	30-23	01-11	26-15	20-06	05-14	28-03	23-03	04-18	26-10	AUG
	# OBS	741	-	-	1	743	718	744	743	715	742	715	728	6590
POR	MEAN	20.1	18.1	17.7	14.8	12.6	11.1	10.5	10.3	12.8	16.7	18.0	19.7	15.2
	MAXIMUM	49.4	46.1	44.7	42.4	42.0	49.0	40.6	34.8	43.5	47.0	48.0	50.3	50.3
	YEAR	2000	2000	2000	1998	2000	2000	1999	2001	1999	1999	1997	2000	DEC/2000
	MINIMUM	2.1	1.6	1.4	1.4	1.0	0.0	1.9	0.0	0.4	1.4	1.0	1.6	0.0
	YEAR	1999	1998	1999	1999	1999	1999	2001	1999	2000	1999	2000	1997	AUG/1999
	# OBS	2959	2016	2162	2124	2927	2829	2956	3009	2862	2952	3342	3689	33827

STATION: 44013 -- POR (6/1986 - 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
1986	MEAN	-	-	-	-	-	0.5	0.4	0.5	0.5	0.7	0.8	1.0	0.6
	MAXIMUM	-	-	-	-	-	1.7	1.9	2.2	1.8	2.5	3.5	5.0	5.0
	DAY-HR	-	-	-	-	-	13-08	31-03	20-01	27-13	18-15	21-10	19-16	DEC
	# OBS	-	-	-	-	-	715	733	731	716	737	715	741	5088
1987	MEAN	1.1	0.8	1.2	1.2	0.5	0.5	0.3	0.4	-	0.8	0.8	0.8	0.8
	MAXIMUM	4.7	4.2	2.8	4.5	2.5	2.4	1.0	1.4	-	2.2	4.4	3.2	4.7
	DAY-HR	02-21	10-08	02-04	13-16	05-17	23-21	03-08	13-16	-	28-13	12-10	16-07	JAN
	# OBS	720	670	736	716	739	718	742	503	-	553	679	738	7514
1988	MEAN	0.6	0.8	0.6	1.1	0.7	0.4	0.4	0.4	0.4	1.0	0.9	0.8	0.7
	MAXIMUM	2.8	4.7	1.6	3.0	2.1	1.8	0.7	2.4	1.9	4.6	3.9	3.8	4.7
	DAY-HR	09-08	12-21	15-17	12-00	19-22	02-19	21-21	24-22	05-03	22-14	02-05	15-06	FEB
	# OBS	737	691	740	714	738	717	740	736	711	738	216	540	8018
1989	MEAN	0.8	0.9	0.9	0.7	0.6	0.5	0.4	0.4	0.7	0.8	0.7	0.6	0.7
	MAXIMUM	2.2	4.2	3.5	3.9	1.8	2.0	2.0	1.1	2.4	4.0	2.4	2.8	4.2
	DAY-HR	08-11	25-05	25-13	16-21	06-15	10-09	18-00	08-07	10-03	19-17	23-22	16-11	FEB
	# OBS	293	346	726	712	714	686	720	715	707	731	715	734	7799
1990	MEAN	0.6	0.8	0.6	0.8	0.8	0.6	0.4	0.5	0.7	0.8	0.7	0.7	0.7
	MAXIMUM	3.3	3.0	1.9	3.0	2.4	2.0	1.5	1.9	2.1	3.8	4.0	3.6	4.0
	DAY-HR	30-13	24-14	31-19	04-03	18-00	12-17	31-23	19-16	04-02	27-05	19-07	04-14	NOV
	# OBS	739	662	729	702	734	708	734	741	711	741	713	740	8654
1991	MEAN	0.6	0.6	1.2	0.7	0.5	0.5	0.3	0.4	0.4	1.1	0.8	0.7	0.7
	MAXIMUM	3.6	3.0	4.4	4.9	2.0	2.3	1.1	4.0	1.3	9.1	4.0	3.7	9.1
	DAY-HR	12-21	14-17	15-06	21-19	18-20	05-00	08-10	19-20	01-08	31-02	11-16	30-15	OCT
	# OBS	742	671	743	713	741	715	741	734	710	744	718	743	8715
1992	MEAN	0.7	1.0	0.9	0.8	0.8	0.5	0.4	0.4	0.6	0.6	0.7	1.3	0.7
	MAXIMUM	3.2	3.2	2.9	2.8	2.1	2.3	0.9	1.6	2.0	2.8	3.0	7.3	7.3
	DAY-HR	05-03	09-03	27-12	25-19	25-19	06-12	04-17	16-16	24-17	20-07	24-16	13-03	DEC
	# OBS	740	687	736	716	743	718	736	723	710	739	704	736	8688
1993	MEAN	0.9	1.2	1.3	1.1	0.6	0.4	0.4	0.4	0.5	0.9	0.8	1.5	0.8
	MAXIMUM	3.8	5.2	6.1	3.7	1.6	1.6	1.5	1.4	1.6	3.6	2.8	5.1	6.1
	DAY-HR	14-11	13-08	06-06	02-04	01-05	07-03	20-15	15-12	18-03	31-08	25-09	16-17	MAR
	# OBS	733	661	726	709	739	707	701	731	679	729	716	737	8568
1994	MEAN	1.1	1.1	1.0	0.6	0.9	0.4	0.4	0.5	0.7	0.7	0.8	1.3	0.8
	MAXIMUM	5.8	4.4	5.0	1.7	3.7	1.2	0.9	2.2	4.4	2.2	3.1	6.7	6.7
	DAY-HR	04-18	09-16	04-02	03-19	05-20	28-08	28-20	06-10	05-17	22-13	28-15	24-08	DEC
	# OBS	734	638	730	717	733	710	699	722	696	719	712	736	8546
1995	MEAN	1.1	1.1	1.1	0.6	1.0	0.5	0.4	0.8	0.9	0.9	1.2	1.1	0.9
	MAXIMUM	3.6	5.5	2.9	2.2	2.1	2.0	1.2	2.2	2.5	3.3	6.4	5.0	6.4
	DAY-HR	21-01	04-23	06-07	05-23	04-21	27-18	18-09	19-08	18-01	06-12	15-03	20-14	NOV
	# OBS	736	664	742	711	735	712	736	738	712	735	701	730	8652
1996	MEAN	1.5	1.0	1.0	1.1	0.7	0.5	0.5	0.4	1.0	1.2	1.1	1.3	0.9
	MAXIMUM	5.8	3.8	4.0	4.2	2.0	1.8	2.0	0.9	4.4	5.8	2.9	4.7	5.8
	DAY-HR	08-21	17-06	08-14	10-15	30-21	22-22	13-23	01-00	02-17	20-19	17-13	06-21	OCT
	# OBS	728	682	718	703	734	680	805	747	714	719	672	722	8624
1997	MEAN	1.0	1.1	1.0	1.3	0.6	0.7	0.4	-	-	-	1.1	1.0	1.0
	MAXIMUM	3.3	3.4	4.4	7.6	1.5	2.7	0.8	-	-	-	4.7	4.2	7.6

	DAY-HR	25-13	17-15	31-23	19-15	03-23	05-19	05-09	-	-	-	15-04	30-07	APR
	# OBS	722	633	724	701	700	638	61	-	-	-	450	739	5368
1998	MEAN	1.5	1.7	1.1	0.9	0.9	0.6	0.4	0.5	0.5	0.9	0.8	0.8	0.9
	MAXIMUM	5.1	6.2	6.0	4.1	4.0	2.7	0.9	1.6	1.5	2.5	3.3	2.2	6.2
	DAY-HR	16-20	24-21	22-12	24-01	11-22	14-15	05-22	29-21	23-15	11-08	26-22	18-16	FEB
	# OBS	711	662	709	693	708	689	735	785	697	736	719	734	8578
1999	MEAN	1.1	1.3	1.3	0.7	0.6	0.6	0.4	0.6	0.8	0.8	0.9	1.1	0.8
	MAXIMUM	4.0	4.8	4.2	2.2	2.1	2.0	1.4	2.0	3.6	2.9	3.0	4.5	4.8
	DAY-HR	03-22	25-22	22-16	05-11	04-04	09-20	14-11	22-00	16-23	04-21	11-10	02-06	FEB
	# OBS	738	660	712	720	738	703	736	733	715	733	306	741	8235
2000	MEAN	1.2	0.9	1.2	1.2	0.7	0.7	0.6	0.6	0.7	0.9	1.1	1.0	0.9
	MAXIMUM	5.3	3.1	4.7	3.8	2.5	5.4	1.8	2.1	2.2	4.2	3.8	4.5	5.4
	DAY-HR	25-20	19-22	17-22	26-21	11-06	07-05	27-17	14-16	05-12	31-22	01-00	31-00	JUN
	# OBS	726	692	742	709	736	718	742	743	718	739	717	741	8723
2001	MEAN	0.9	0.9	1.5	0.8	0.7	0.4	0.5	0.5	0.8	0.8	0.8	0.9	0.8
	MAXIMUM	4.2	4.4	7.3	2.5	2.6	1.4	1.5	1.9	3.4	2.8	2.7	2.6	7.3
	DAY-HR	21-15	06-04	06-13	19-03	16-19	02-23	26-17	01-22	30-11	01-05	06-12	15-13	MAR
	# OBS	742	671	737	713	743	718	744	741	713	742	715	728	8707
POR	MEAN	1.0	1.0	1.1	0.9	0.7	0.5	0.4	0.5	0.7	0.8	0.9	1.0	0.8
	MAXIMUM	5.8	6.2	7.3	7.6	4.0	5.4	2.0	4.0	4.4	9.1	6.4	7.3	9.1
	YEAR	1996	1998	2001	1997	1998	2000	1996	1991	1996	1991	1995	1992	OCT/1991
	# OBS	10541	9690	10950	10649	10975	11252	11105	10823	9909	10835	10168	11580	128477

STATION: 44013

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

Month: JAN

WIND SPEED	CALM	WIND DIRECTION												TOT %	TOT N	
		35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34			
0	0.7	-	*	*	*	*	*	*	*	*	*	*	*	-	0.8	99
1 - 3		0.2	0.2	0.3	0.3	0.2	0.2	0.3	0.3	0.2	0.4	0.4	0.3	3.2	377	
4 - 6		0.6	0.4	0.4	0.4	0.5	0.5	0.7	0.9	1.0	1.1	0.7	0.9	8.0	952	
7 - 10		1.3	0.7	0.6	0.5	0.8	1.2	1.7	2.1	2.1	2.1	2.0	2.0	17.2	2048	
11 - 15		1.7	1.0	0.7	0.8	0.7	1.3	2.1	3.3	2.9	3.6	3.6	3.3	24.9	2957	
16 - 20		1.5	1.0	0.9	0.5	0.6	1.0	1.0	2.3	2.5	4.8	5.0	2.9	24.0	2856	
21 - 24		0.7	0.8	0.5	0.2	0.2	0.5	0.2	0.7	1.1	3.4	3.1	0.9	12.5	1485	
25 - 33		0.7	0.9	0.5	0.2	0.2	0.3	0.2	0.3	0.7	2.7	2.3	0.4	9.1	1082	
34 - 47		0.1	*	-	-	*	-	*	-	-	0.2	0.1	-	0.4	42	
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0	
TOTAL %	0.7	6.7	5.0	3.9	2.9	3.2	5.1	6.2	9.8	10.5	18.2	17.2	10.7	100.0		
TOTAL N	78	800	595	468	342	376	602	736	1170	1252	2160	2048	1271		11898	

(* < 0.05%)

STATION: 44013

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

Month: FEB

WIND SPEED	CALM	WIND DIRECTION												TOT %	TOT N
		35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
0	0.7	*	*	*	0.1	*	*	*	*	*	*	*	*	0.9	98
1 - 3		0.2	0.3	0.2	0.3	0.3	0.4	0.4	0.3	0.4	0.5	0.4	0.3	3.9	404
4 - 6		0.5	0.4	0.5	0.7	0.8	0.7	0.8	0.8	1.1	1.1	0.9	0.7	8.8	908
7 - 10		1.5	0.8	0.7	1.0	1.0	1.5	1.6	2.2	2.4	2.0	2.1	2.0	18.7	1943
11 - 15		2.6	1.6	1.2	0.9	1.0	1.2	1.6	3.0	2.5	3.6	3.3	3.2	25.8	2676
16 - 20		1.6	1.7	1.0	0.4	0.4	0.6	0.9	2.5	2.2	4.2	4.5	3.0	23.0	2389
21 - 24		0.8	0.7	0.4	0.3	0.1	0.2	0.1	0.9	0.7	2.5	2.9	1.4	10.9	1133
25 - 33		0.7	1.2	0.3	0.3	0.1	*	0.1	0.3	0.3	1.9	1.6	1.0	7.8	808
34 - 47		-	*	*	*	-	-	-	-	-	*	*	*	0.2	18
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.7	8.0	6.7	4.5	3.8	3.7	4.5	5.6	9.9	9.6	15.8	15.7	11.7	100.0	
TOTAL N	68	827	696	463	393	382	467	576	1028	999	1641	1625	1212		10377

(* < 0.05%)

STATION: 44013

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

Month: MAR

WIND SPEED	CALM	WIND DIRECTION												TOT %	TOT N
		35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
0	1.0	*	*	*	-	0.1	*	*	*	-	*	*	*	1.2	143
1 - 3		0.2	0.4	0.5	0.5	0.5	0.5	0.6	0.5	0.5	0.5	0.5	0.3	5.6	651
4 - 6		0.8	0.6	0.8	1.0	1.2	1.1	1.0	1.1	1.0	1.0	0.8	0.7	11.0	1290
7 - 10		1.4	1.4	1.3	1.4	1.9	2.2	2.0	2.1	2.3	2.1	1.9	2.1	22.1	2592

11 - 15	1.9	2.2	1.5	1.0	1.7	2.4	2.0	2.7	2.1	2.5	2.9	2.8	25.5	2987
16 - 20	1.7	2.3	0.9	0.5	0.6	1.1	1.0	2.0	0.9	3.0	4.4	2.1	20.5	2407
21 - 24	0.7	0.9	0.3	0.2	0.2	0.3	0.2	0.6	0.2	1.4	2.4	0.8	8.3	975
25 - 33	0.5	0.8	0.4	0.1	0.2	0.2	0.1	0.3	0.2	1.1	1.1	0.5	5.5	643
34 - 47	*	*	0.1	-	*	-	-	*	-	0.1	*	-	0.3	30
> 48	-	-	*	-	-	-	-	-	-	-	-	-	0.0	1
TOTAL %	1.0	7.3	8.5	5.9	4.7	6.3	7.9	6.9	9.4	7.2	11.8	14.0	9.2	100.0
TOTAL N	112	859	998	686	546	737	931	807	1101	849	1378	1637	1078	11719

(* < 0.05%)

STATION: 44013

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

Month: APR

WIND SPEED	CALM	WIND DIRECTION												TOT %	TOT N
		35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
0	1.3	-	*	*	*	*	*	*	*	*	0.1	*	*	1.6	175
1 - 3		0.4	0.5	0.6	0.5	0.6	0.6	0.6	0.6	0.5	0.4	0.4	0.4	6.3	695
4 - 6		1.0	1.1	1.1	1.6	1.5	1.4	1.5	1.5	1.7	1.3	1.4	1.0	16.0	1766
7 - 10		1.8	1.8	1.7	2.7	3.0	2.9	2.3	2.7	2.8	2.2	2.1	1.7	27.5	3033
11 - 15		1.8	2.6	1.7	1.3	2.1	2.9	2.0	2.7	1.7	2.1	2.6	1.7	25.3	2799
16 - 20		1.1	1.9	1.3	0.7	0.5	1.1	0.9	1.7	0.7	1.9	2.0	1.3	15.0	1660
21 - 24		0.4	1.0	0.5	0.2	0.1	0.1	0.3	0.4	0.1	0.5	0.8	0.6	5.2	574
25 - 33		0.4	0.8	0.3	0.1	*	-	0.1	0.1	0.2	0.4	0.2	0.2	2.8	314
34 - 47		0.1	0.1	*	-	-	-	-	*	-	*	-	-	0.3	33
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	1.3	6.9	9.9	7.2	7.2	7.8	9.0	7.8	9.5	7.9	9.1	9.5	6.9	100.0	
TOTAL N	141	759	1097	799	794	864	997	860	1048	868	1003	1053	766	11049	

(* < 0.05%)

STATION: 44013

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

Month: MAY

WIND SPEED	CALM	WIND DIRECTION												TOT %	TOT N
		35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
0	0.9	*	*	*	0.1	*	*	*	*	*	*	*	*	1.2	137
1 - 3		0.6	0.6	0.8	0.8	0.8	0.7	0.7	0.6	0.5	0.7	0.6	0.6	7.9	891
4 - 6		1.1	1.6	1.5	1.7	2.2	2.0	1.8	1.7	1.9	1.3	1.2	1.0	19.0	2132
7 - 10		1.9	2.1	2.1	2.9	3.5	3.5	2.5	3.2	3.6	2.6	1.4	1.6	30.8	3454
11 - 15		1.3	2.5	1.9	1.3	2.6	3.3	2.1	3.6	2.2	2.2	1.4	1.3	25.8	2888
16 - 20		0.9	1.9	0.6	0.2	0.4	1.1	1.1	1.6	0.6	1.4	1.1	0.4	11.3	1267
21 - 24		0.2	0.9	0.1	0.1	0.1	0.2	0.2	0.1	0.1	0.4	0.6	0.2	3.0	341
25 - 33		0.1	0.3	*	*	-	*	0.1	0.1	*	0.1	0.1	0.1	0.9	100
34 - 47		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.9	6.2	10.0	7.2	7.1	9.7	10.7	8.4	10.8	8.9	8.7	6.3	5.1	100.0	
TOTAL N	102	694	1119	806	795	1082	1202	940	1216	1001	975	702	576	11210	

(* < 0.05%)

STATION: 44013

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

Month: JUN

WIND SPEED	CALM	WIND DIRECTION												TOT %	TOT N
		35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
0	0.8	*	*	0.1	*	*	*	*	*	*	*	*	*	1.1	126
1 - 3		0.4	0.6	0.7	0.7	0.9	0.7	0.8	0.6	0.7	0.6	0.5	0.5	7.7	848
4 - 6		1.2	1.4	1.5	1.9	2.2	2.7	2.6	2.2	2.0	2.0	1.0	0.8	21.5	2377
7 - 10		1.5	2.2	1.7	1.9	3.3	5.0	4.3	4.8	5.0	3.1	1.8	1.2	36.0	3982
11 - 15		1.0	1.6	1.0	0.3	1.7	2.8	2.7	4.3	3.9	2.4	1.5	0.8	24.1	2670
16 - 20		0.4	1.0	0.5	0.3	0.4	0.5	0.8	1.5	0.7	0.9	0.7	0.4	7.9	877
21 - 24		0.1	0.3	0.1	*	0.1	*	0.1	0.1	*	0.1	0.2	0.1	1.2	129
25 - 33		0.1	0.2	0.1	*	-	*	*	*	-	*	0.1	*	0.5	57
34 - 47		*	*	-	-	-	-	-	-	-	-	*	-	0.0	4
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.8	4.6	7.4	5.7	5.2	8.6	11.9	11.2	13.5	12.2	9.1	5.9	3.8	100.0	
TOTAL N	94	514	819	630	575	953	1318	1235	1493	1356	1012	648	423	11070	

(* < 0.05%)

STATION: 44013

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

Month: JUL

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

	0	1.1	*	*	*	*	*	*	*	*	*	*	*	1.4	142
1 - 3	0.5	0.6	0.7	0.7	0.8	0.8	1.0	1.0	0.9	0.6	0.5	0.6	0.6	8.6	893
4 - 6	1.3	1.2	1.7	2.0	2.6	3.0	3.3	3.6	3.0	2.3	1.4	1.0	26.4	2731	
7 - 10	1.3	1.6	1.5	1.8	4.1	5.3	4.8	5.9	5.9	3.5	2.1	1.3	39.1	4044	
11 - 15	0.7	1.0	0.6	0.5	1.5	2.8	2.2	3.9	2.8	2.1	1.4	0.7	20.0	2066	
16 - 20	0.3	0.4	0.1	0.2	0.1	0.3	0.4	0.7	0.4	0.5	0.5	0.2	4.2	430	
21 - 24	*	*	*	*	*	*	*	*	*	0.1	-	*	0.3	29	
25 - 33	*	-	*	-	-	-	-	-	-	*	-	*	0.1	7	
34 - 47	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0	
> 48	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0	
TOTAL %	1.1	4.1	4.9	4.6	5.3	9.2	12.2	11.7	15.1	13.1	9.1	5.9	3.8	100.0	
TOTAL N	110	426	503	475	548	949	1259	1208	1563	1353	941	614	393	10342	

(* < 0.05%)

STATION: 44013

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

Month: AUG

WIND SPEED	CALM	WIND DIRECTION												TOT %	TOT N
		35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
0	1.4	*	*	0.1	*	*	*	0.1	0.1	*	*	*	*	1.8	189
1 - 3		0.6	0.5	0.7	0.8	0.9	0.9	1.2	1.1	1.0	0.7	0.7	0.5	9.5	976
4 - 6		1.3	1.3	1.5	2.0	2.6	3.0	3.3	3.6	3.1	1.9	1.3	1.2	26.2	2677
7 - 10		1.9	2.3	1.8	1.8	3.7	5.5	4.6	5.5	4.0	2.2	1.8	1.8	36.8	3762
11 - 15		1.5	1.4	0.7	0.5	1.2	2.5	2.5	3.3	2.2	1.3	1.6	0.9	19.5	1991
16 - 20		0.8	0.9	0.1	0.1	0.2	0.5	0.5	0.5	0.2	0.5	0.5	0.3	5.1	526
21 - 24		0.1	0.1	-	*	*	0.1	0.1	*	*	0.2	0.1	0.1	0.7	75
25 - 33		0.1	-	*	-	-	*	*	-	*	-	*	*	0.2	20
34 - 47		-	-	-	*	-	-	-	-	-	*	*	-	0.1	7
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	1.4	6.3	6.6	4.8	5.3	8.5	12.5	12.2	14.2	10.7	6.8	6.0	4.8	100.0	
TOTAL N	141	648	670	495	540	872	1277	1244	1450	1089	692	617	488	10223	

(* < 0.05%)

STATION: 44013

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

Month: SEP

WIND SPEED	CALM	WIND DIRECTION												TOT %	TOT N
		35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
0	1.0	0.1	*	*	*	*	*	*	*	*	*	*	*	1.3	127
1 - 3		0.3	0.5	0.5	0.7	0.7	0.5	0.7	0.6	0.8	0.8	0.5	0.5	7.1	672
4 - 6		0.9	0.9	1.8	2.0	1.8	2.1	2.5	2.4	1.8	1.6	1.1	1.3	20.1	1911
7 - 10		1.7	2.0	2.0	1.6	2.9	4.3	3.5	4.8	3.0	1.8	2.2	2.2	31.8	3030
11 - 15		1.9	1.7	1.3	0.7	1.7	2.2	2.9	3.9	2.1	1.5	2.3	2.4	24.7	2357
16 - 20		1.3	1.2	0.8	0.3	0.2	0.5	0.9	2.0	0.5	1.0	1.4	1.3	11.2	1069
21 - 24		0.4	0.6	0.1	*	*	0.1	0.2	0.2	0.1	0.1	0.3	0.3	2.4	224
25 - 33		0.3	0.2	0.1	0.1	*	0.1	0.1	0.1	*	0.1	0.1	0.2	1.3	128
34 - 47		-	*	-	-	*	*	*	-	-	-	-	-	0.1	7
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	1.0	6.8	7.1	6.6	5.4	7.3	9.7	10.8	14.0	8.3	6.9	7.8	8.1	100.0	
TOTAL N	99	650	679	630	511	700	928	1031	1330	788	658	746	775	9525	

(* < 0.05%)

STATION: 44013

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

Month: OCT

WIND SPEED	CALM	WIND DIRECTION												TOT %	TOT N
		35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
0	1.1	*	-	*	-	-	*	*	*	*	*	*	*	1.2	141
1 - 3		0.3	0.3	0.4	0.6	0.4	0.4	0.4	0.5	0.5	0.4	0.5	0.3	4.9	565
4 - 6		0.6	0.6	0.8	1.2	1.2	1.3	1.3	1.7	1.7	1.5	1.1	0.9	13.8	1602
7 - 10		1.4	1.4	1.3	1.3	1.7	2.2	3.2	3.8	3.6	2.9	1.9	1.4	26.1	3020
11 - 15		1.6	1.5	1.1	1.0	0.8	1.9	3.2	4.3	2.9	3.3	2.6	1.9	26.1	3020
16 - 20		1.3	1.6	0.8	0.5	0.4	0.9	1.1	1.9	1.6	3.3	2.8	2.4	18.5	2149
21 - 24		0.5	0.6	0.2	0.2	0.2	0.2	0.1	0.3	0.6	1.0	1.2	0.6	5.7	657
25 - 33		0.4	1.0	0.4	0.1	*	*	*	0.1	0.2	0.3	0.5	0.3	3.5	404
34 - 47		-	0.2	-	-	-	-	-	-	-	*	*	*	0.2	27
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	1.1	6.1	7.2	5.1	4.8	4.7	6.9	9.3	12.6	11.0	12.7	10.6	7.9	100.0	
TOTAL N	124	711	831	587	558	546	799	1078	1462	1276	1476	1227	910	11585	

(* < 0.05%)

STATION: 44013

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

Month: NOV

WIND SPEED	CALM	WIND DIRECTION												TOT %	TOT N	
		35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34			
0	0.6	*	*	-	*	*	-	*	*	*	*	*	*	*	0.7	79
1 - 3		0.3	0.3	0.2	0.3	0.2	0.3	0.4	0.3	0.4	0.4	0.3	0.2	3.6	394	
4 - 6		0.6	0.7	0.7	0.7	0.6	0.6	0.5	1.0	1.0	1.0	0.9	0.9	9.3	1002	
7 - 10		1.3	1.0	0.8	1.0	1.5	1.3	1.5	2.5	2.4	1.6	2.0	2.4	19.4	2103	
11 - 15		1.9	0.9	0.9	0.9	1.2	2.0	1.9	4.2	3.7	3.5	3.3	3.7	28.0	3029	
16 - 20		1.4	1.2	0.9	0.5	0.9	1.2	0.9	3.0	2.6	4.5	4.5	3.2	24.9	2696	
21 - 24		0.6	0.6	0.2	0.1	0.3	0.3	0.3	0.7	1.1	2.1	2.2	0.7	9.1	982	
25 - 33		0.4	0.6	0.1	0.1	0.2	0.1	0.1	0.1	0.3	1.3	1.0	0.2	4.6	494	
34 - 47		*	*	*	-	*	-	*	-	-	0.1	0.1	-	0.4	41	
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0	
TOTAL %	0.6	6.5	5.4	3.9	3.6	5.0	5.9	5.6	11.9	11.5	14.4	14.4	11.4	100.0		
TOTAL N	65	703	586	423	385	544	634	608	1283	1246	1554	1557	1232		10820	

(* < 0.05%)

STATION: 44013

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

Month: DEC

WIND SPEED	CALM	WIND DIRECTION												TOT %	TOT N
		35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
0	0.5	*	*	*	*	*	*	*	*	*	*	*	*	0.7	91
1 - 3		0.3	0.2	0.3	0.3	0.2	0.2	0.2	0.4	0.4	0.4	0.3	0.2	3.3	429
4 - 6		0.6	0.6	0.4	0.4	0.4	0.5	0.7	0.8	0.9	1.1	0.9	0.9	8.2	1052
7 - 10		1.1	0.5	0.7	0.5	0.7	1.0	1.7	2.0	2.3	2.5	2.2	1.8	17.1	2197
11 - 15		1.7	0.7	0.8	0.8	0.7	1.3	2.2	3.2	3.3	3.5	3.9	3.4	25.4	3266
16 - 20		1.2	0.9	0.8	0.7	0.6	0.7	0.7	2.5	3.4	5.0	4.9	3.6	24.9	3209
21 - 24		0.7	0.5	0.3	0.3	0.3	0.3	0.2	0.5	0.9	2.8	2.7	1.1	10.7	1375
25 - 33		0.7	0.7	0.2	0.3	0.3	0.2	0.1	0.2	0.5	2.8	2.5	0.4	8.9	1142
34 - 47		0.1	0.2	0.2	0.1	-	*	-	-	*	0.1	0.1	*	0.9	116
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.5	6.4	4.3	3.6	3.5	3.2	4.2	6.0	9.6	11.7	18.1	17.5	11.4	100.0	
TOTAL N	69	823	550	468	445	406	544	772	1242	1501	2335	2254	1468		12877

(* < 0.05%)

STATION: 44013

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

All Months: Annual

WIND SPEED	CALM	WIND DIRECTION												TOT %	TOT N
		35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
0	0.9	*	*	*	*	*	*	*	*	*	*	*	*	1.2	1547
1 - 3		0.4	0.4	0.5	0.5	0.5	0.5	0.6	0.5	0.6	0.5	0.5	0.4	5.9	7795
4 - 6		0.9	0.9	1.0	1.3	1.4	1.5	1.6	1.7	1.7	1.4	1.0	0.9	15.4	20400
7 - 10		1.5	1.5	1.3	1.5	2.3	2.9	2.8	3.4	3.3	2.4	2.0	1.8	26.5	35208
11 - 15		1.6	1.5	1.1	0.8	1.4	2.2	2.3	3.5	2.7	2.7	2.6	2.2	24.6	32706
16 - 20		1.1	1.3	0.7	0.4	0.4	0.8	0.8	1.9	1.4	2.7	2.8	1.8	16.2	21535
21 - 24		0.4	0.6	0.2	0.1	0.1	0.2	0.2	0.4	0.4	1.3	1.4	0.6	6.0	7979
25 - 33		0.4	0.6	0.2	0.1	0.1	0.1	0.1	0.1	0.2	0.9	0.8	0.3	3.9	5199
34 - 47		*	0.1	*	*	*	*	*	*	*	*	*	*	0.2	325
> 48		-	-	*	-	-	-	-	-	-	-	-	-	0.0	1
TOTAL %	0.9	6.3	6.9	5.2	4.8	6.3	8.3	8.4	11.6	10.2	11.9	11.1	8.0	100.0	
TOTAL N	1203	8414	9143	6930	6432	8411	10958	11095	15386	13578	15825	14728	10592		132695

(* < 0.05%)

STATION: 44013

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

Months: DEC, JAN, FEB (Winter)

WIND SPEED	CALM	WIND DIRECTION												TOT %	TOT N
		35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
0	0.6	*	*	*	*	*	*	*	*	*	*	*	*	0.8	288
1 - 3		0.2	0.2	0.3	0.3	0.2	0.2	0.3	0.3	0.3	0.4	0.4	0.3	3.4	1210
4 - 6		0.6	0.4	0.4	0.5	0.5	0.6	0.7	0.8	1.0	1.1	0.8	0.8	8.3	2912
7 - 10		1.3	0.7	0.7	0.7	0.8	1.2	1.7	2.1	2.3	2.2	2.1	2.0	17.6	6188
11 - 15		2.0	1.0	0.9	0.8	0.8	1.2	2.0	3.2	2.9	3.5	3.6	3.3	25.3	8899
16 - 20		1.4	1.2	0.9	0.5	0.5	0.8	0.9	2.4	2.7	4.7	4.8	3.2	24.0	8454
21 - 24		0.7	0.6	0.4	0.3	0.2	0.3	0.2	0.7	0.9	2.9	2.9	1.1	11.4	3993
25 - 33		0.7	0.9	0.3	0.2	0.2	0.2	0.1	0.2	0.5	2.5	2.2	0.6	8.6	3032
34 - 47		0.1	0.1	0.1	*	*	*	*	-	*	0.1	0.1	*	0.5	176
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.6	7.0	5.2	4.0	3.4	3.3	4.6	5.9	9.8	10.7	17.5	16.9	11.2	100.0	
TOTAL N	215	2450	1841	1399	1180	1164	1613	2084	3440	3752	6136	5927	3951		35152

(* < 0.05%)

STATION: 44013

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

Months: MAR, APR, MAY (Spring)

WIND SPEED	CALM	WIND DIRECTION												TOT %	TOT N	
		35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34			
0	1.0	*	*	*	*	*	*	*	*	*	*	*	*	*	1.3	455
1 - 3		0.4	0.5	0.6	0.6	0.6	0.6	0.6	0.5	0.6	0.6	0.5	0.4	6.6	2237	
4 - 6		0.9	1.1	1.1	1.4	1.6	1.5	1.4	1.4	1.5	1.2	1.1	0.9	15.3	5188	
7 - 10		1.7	1.8	1.7	2.3	2.8	2.8	2.3	2.6	2.9	2.3	1.8	1.8	26.7	9079	
11 - 15		1.7	2.4	1.7	1.2	2.1	2.9	2.0	3.0	2.0	2.3	2.3	2.0	25.5	8674	
16 - 20		1.3	2.0	0.9	0.5	0.5	1.1	1.0	1.8	0.7	2.1	2.5	1.3	15.7	5334	
21 - 24		0.4	0.9	0.3	0.2	0.1	0.2	0.2	0.4	0.2	0.8	1.3	0.5	5.6	1890	
25 - 33		0.3	0.6	0.2	0.1	0.1	0.1	0.1	0.2	0.1	0.6	0.5	0.2	3.1	1057	
34 - 47		*	0.1	*	-	*	-	-	*	-	*	*	-	0.2	63	
> 48		-	-	*	-	-	-	-	-	-	-	-	-	0.0	1	
TOTAL %	1.0	6.8	9.5	6.7	6.3	7.9	9.2	7.7	9.9	8.0	9.9	10.0	7.1	100.0		
TOTAL N	355	2312	3214	2291	2135	2683	3130	2607	3365	2718	3356	3392	2420		33978	

(* < 0.05%)

STATION: 44013

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

Months: JUN, JUL, AUG (Summer)

WIND SPEED	CALM	WIND DIRECTION												TOT %	TOT N
		35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
0	1.1	*	*	0.1	*	*	*	*	*	*	*	*	*	1.4	457
1 - 3		0.5	0.6	0.7	0.7	0.9	0.8	1.0	0.9	0.8	0.6	0.6	0.5	8.6	2717
4 - 6		1.3	1.3	1.6	2.0	2.5	2.9	3.0	3.1	2.7	2.1	1.2	1.0	24.6	7785
7 - 10		1.5	2.1	1.6	1.8	3.7	5.3	4.6	5.4	5.0	2.9	1.9	1.4	37.3	11788
11 - 15		1.1	1.3	0.8	0.4	1.4	2.7	2.4	3.8	3.0	1.9	1.5	0.8	21.3	6727
16 - 20		0.5	0.8	0.3	0.2	0.2	0.5	0.6	0.9	0.5	0.6	0.5	0.3	5.8	1833
21 - 24		0.1	0.1	*	*	*	*	0.1	*	*	0.1	0.1	0.1	0.7	233
25 - 33		0.1	0.1	0.1	*	*	*	*	*	*	*	*	*	0.3	84
34 - 47		*	*	-	*	-	-	-	-	-	*	*	-	0.0	11
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	1.1	5.0	6.3	5.1	5.3	8.8	12.2	11.7	14.2	12.0	8.4	5.9	4.1	100.0	
TOTAL N	345	1588	1992	1600	1663	2774	3854	3687	4506	3798	2645	1879	1304		31635

(* < 0.05%)

STATION: 44013

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

Months: SEP, OCT, NOV (Autumn)

WIND SPEED	CALM	WIND DIRECTION												TOT %	TOT N
		35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
0	0.9	*	*	*	*	*	*	*	*	*	*	*	*	1.1	347
1 - 3		0.3	0.4	0.4	0.5	0.4	0.4	0.5	0.5	0.6	0.5	0.4	0.3	5.1	1631
4 - 6		0.7	0.7	1.1	1.3	1.2	1.3	1.4	1.6	1.5	1.3	1.0	1.0	14.1	4515
7 - 10		1.5	1.4	1.3	1.3	2.0	2.5	2.7	3.7	3.0	2.1	2.0	2.0	25.5	8153
11 - 15		1.8	1.4	1.1	0.9	1.2	2.0	2.7	4.2	2.9	2.8	2.8	2.7	26.3	8406
16 - 20		1.3	1.3	0.9	0.4	0.5	0.9	1.0	2.3	1.6	3.0	3.0	2.3	18.5	5914
21 - 24		0.5	0.6	0.2	0.1	0.2	0.2	0.2	0.4	0.6	1.1	1.2	0.6	5.8	1863
25 - 33		0.4	0.6	0.2	0.1	0.1	0.1	0.1	0.1	0.2	0.6	0.6	0.2	3.2	1026
34 - 47		*	0.1	*	-	*	*	*	-	-	*	0.1	*	0.2	75
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.9	6.5	6.6	5.1	4.6	5.6	7.4	8.5	12.8	10.4	11.6	11.1	9.1	100.0	
TOTAL N	288	2064	2096	1640	1454	1790	2361	2717	4075	3310	3688	3530	2917		31930

(* < 0.05%)

STATION: 44013

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

Month: JAN

WIND SPEED	WAVE HEIGHT														TOT %	TOT N	
	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-			
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	>13.4	0.6	68
1 - 3	0.3	0.3	0.1	-	-	-	-	-	-	-	-	-	-	-	-	3.3	343
4 - 6	1.3	1.6	0.3	*	-	-	-	-	-	-	-	-	-	-	-	7.6	805
7 - 10	3.3	3.6	0.6	0.2	-	-	-	-	-	-	-	-	-	-	-	17.3	1821
11 - 15	6.9	8.5	1.6	0.3	*	-	-	-	-	-	-	-	-	-	-	25.7	2710
16 - 20	7.8	15.1	2.2	0.6	0.1	*	-	-	-	-	-	-	-	-	-	23.7	2493
21 - 24	3.5	15.6	3.3	1.0	0.2	*	-	-	-	-	-	-	-	-	-	11.8	1247
25 - 33	0.3	7.7	2.3	1.2	0.2	*	-	-	-	-	-	-	-	-	-	8.7	918
34 - 47	*	3.7	2.5	1.5	0.7	0.3	*	-	-	-	-	-	-	-	-	0.4	42
> 48	-	0.1	0.1	*	*	0.1	-	-	-	-	-	-	-	-	-	0.9	94
TOTAL %	0.1	0.8	*	-	-	-	-	-	-	-	-	-	-	-	-	100.0	

TOTAL N 2490 6012 1358 505 127 45 4 0 0 0 0 0 0 0 0 0 10541
 (* < 0.05%)

STATION: 44013

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

Month: FEB

WIND SPEED	WAVE HEIGHT															TOT %	TOT N
	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		
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	>13.4	TOT %	TOT N
1 - 3	0.3	0.4	*	-	-	-	-	-	-	-	-	-	-	-	-	0.7	67
4 - 6	1.2	2.5	0.3	*	-	-	-	-	-	-	-	-	-	-	-	4.1	394
7 - 10	3.3	4.3	0.7	0.1	-	-	-	-	-	-	-	-	-	-	-	8.4	812
11 - 15	6.5	9.7	1.8	0.3	*	-	-	-	-	-	-	-	-	-	-	18.3	1778
16 - 20	6.6	15.5	2.8	0.6	0.1	*	-	-	-	-	-	-	-	-	-	25.6	2483
21 - 24	3.0	15.6	2.8	0.9	0.3	*	-	-	-	-	-	-	-	-	-	22.6	2194
25 - 33	0.4	7.6	2.3	0.8	0.2	0.1	-	-	-	-	-	-	-	-	-	11.5	1116
34 - 47	*	3.4	2.3	1.3	0.7	0.4	0.1	-	-	-	-	-	-	-	-	8.2	795
> 48	-	0.1	*	*	*	*	-	-	-	-	-	-	-	-	-	0.2	17
TOTAL %	0.3	*	-	*	*	-	-	-	-	-	-	-	-	-	-	0.4	34
TOTAL %	21.6	59.2	13.2	4.0	1.4	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	2094	5734	1277	392	138	47	8	0	0	0	0	0	0	0	0		9690

STATION: 44013

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

Month: MAR

WIND SPEED	WAVE HEIGHT															TOT %	TOT N
	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		
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	>13.4	TOT %	TOT N
1 - 3	0.3	0.7	*	-	-	-	-	-	-	-	-	-	-	-	-	1.0	107
4 - 6	1.8	3.4	0.5	*	*	-	-	-	-	-	-	-	-	-	-	5.7	621
7 - 10	3.3	6.1	1.1	0.1	*	-	-	-	-	-	-	-	-	-	-	10.6	1164
11 - 15	6.5	13.1	2.3	0.3	0.1	*	-	-	-	-	-	-	-	-	-	22.1	2420
16 - 20	4.9	17.2	3.3	0.4	0.1	*	-	-	-	-	-	-	-	-	-	25.9	2839
21 - 24	1.5	13.3	4.0	0.5	0.2	0.1	-	-	-	-	-	-	-	-	-	19.6	2150
25 - 33	0.3	5.0	2.4	0.5	0.3	0.1	*	-	-	-	-	-	-	-	-	8.6	945
34 - 47	*	2.1	1.7	0.7	0.8	0.4	0.3	0.1	-	-	-	-	-	-	-	6.0	662
> 48	-	*	0.1	*	0.1	*	*	*	-	-	-	-	-	-	-	0.3	36
TOTAL %	-	*	*	-	*	*	-	-	-	-	-	-	-	-	-	0.1	6
TOTAL %	18.5	60.8	15.5	2.6	1.5	0.6	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	2025	6659	1694	280	169	71	38	14	0	0	0	0	0	0	0		10950

STATION: 44013

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

Month: APR

WIND SPEED	WAVE HEIGHT															TOT %	TOT N
	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		
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	>13.4	TOT %	TOT N
1 - 3	0.3	0.9	0.1	*	-	-	-	-	-	-	-	-	-	-	-	1.4	145
4 - 6	2.2	3.6	0.4	*	-	-	-	-	-	-	-	-	-	-	-	6.2	660
7 - 10	5.5	8.3	0.8	0.1	-	-	-	-	-	-	-	-	-	-	-	14.7	1566
11 - 15	8.6	15.4	1.8	0.2	-	*	-	-	-	-	-	-	-	-	-	26.0	2770
16 - 20	5.1	16.6	2.6	0.6	*	*	-	-	-	-	-	-	-	-	-	24.9	2652
21 - 24	1.2	9.2	2.8	0.9	0.2	-	-	-	-	-	-	-	-	-	-	14.2	1516
25 - 33	0.1	3.0	1.0	0.6	0.2	*	-	-	-	-	-	-	-	-	-	5.0	528
34 - 47	-	0.8	0.9	0.6	0.3	0.1	0.1	*	*	-	-	-	-	-	-	2.7	290
> 48	-	*	*	*	*	0.1	0.1	0.1	-	-	-	-	-	-	-	0.3	32
TOTAL %	1.0	2.3	0.7	0.4	0.2	-	-	-	-	-	-	-	-	-	-	4.6	490
TOTAL %	24.1	60.1	11.0	3.4	1.0	0.2	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	2563	6404	1171	362	102	22	16	8	1	0	0	0	0	0	0		10649

STATION: 44013

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

Month: MAY

WIND SPEED	WAVE HEIGHT															TOT %	TOT N
	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		
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	>13.4	TOT %	TOT N
1 - 3	0.3	0.5	*	-	-	-	-	-	-	-	-	-	-	-	-	0.8	90
4 - 6	2.6	4.5	0.3	-	-	-	-	-	-	-	-	-	-	-	-	7.4	817
7 - 10	7.0	9.7	0.7	*	-	-	-	-	-	-	-	-	-	-	-	17.4	1906
> 48	10.4	17.8	1.0	*	-	-	-	-	-	-	-	-	-	-	-	29.2	3202

11 - 15	7.4	15.9	1.1	0.2	-	-	-	-	-	-	-	-	-	-	-	-	24.5	2694
16 - 20	2.0	6.5	1.5	0.3	*	-	-	-	-	-	-	-	-	-	-	-	10.2	1121
21 - 24	0.1	1.7	0.7	0.3	*	-	-	-	-	-	-	-	-	-	-	-	2.9	316
25 - 33	*	0.3	0.3	0.1	0.1	-	-	-	-	-	-	-	-	-	-	-	0.8	89
34 - 47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48	2.7	3.6	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	6.7	740
TOTAL %	32.5	60.3	6.1	0.9	0.1	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	3570	6622	671	99	13	0	0	0	0	0	0	0	0	0	0	0		10975

(* < 0.05%)

STATION: 44013

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

Month: JUN

WIND SPEED	WAVE HEIGHT															TOT %	TOT N
	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		
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	>13.4	0.9	99
1 - 3	0.4	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	7.2	815
4 - 6	4.1	2.9	0.2	*	-	-	-	-	-	-	-	-	-	-	-	19.5	2190
7 - 10	11.6	7.4	0.4	*	-	-	-	-	-	-	-	-	-	-	-	32.9	3707
11 - 15	20.1	12.3	0.6	*	-	-	-	-	-	-	-	-	-	-	-	22.1	2486
16 - 20	10.9	10.2	0.9	*	-	-	-	-	-	-	-	-	-	-	-	6.9	782
21 - 24	2.3	3.8	0.8	*	*	-	-	-	-	-	-	-	-	-	-	1.0	114
25 - 33	0.1	0.6	0.3	*	-	-	-	-	-	-	-	-	-	-	-	0.4	44
34 - 47	*	0.1	0.1	*	0.1	*	-	-	-	-	-	-	-	-	-	0.0	4
> 48	*	-	-	-	-	*	-	-	-	-	-	-	-	-	-	9.0	1011
TOTAL %	55.4	40.9	3.3	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	6237	4605	373	21	12	4	0	0	0	0	0	0	0	0	0		11252

(* < 0.05%)

STATION: 44013

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

Month: JUL

WIND SPEED	WAVE HEIGHT															TOT %	TOT N
	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		
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	>13.4	0.9	97
1 - 3	0.6	0.3	-	-	-	-	-	-	-	-	-	-	-	-	-	7.3	807
4 - 6	5.2	2.0	*	-	-	-	-	-	-	-	-	-	-	-	-	22.1	2456
7 - 10	16.7	5.3	*	-	-	-	-	-	-	-	-	-	-	-	-	33.7	3738
11 - 15	24.4	9.1	0.1	-	-	-	-	-	-	-	-	-	-	-	-	17.1	1903
16 - 20	10.6	6.4	0.2	-	-	-	-	-	-	-	-	-	-	-	-	3.6	401
21 - 24	1.6	1.6	0.3	-	-	-	-	-	-	-	-	-	-	-	-	0.2	27
25 - 33	0.1	0.1	*	-	-	-	-	-	-	-	-	-	-	-	-	0.1	7
34 - 47	*	*	*	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15.0	1669
TOTAL %	71.0	28.2	0.8	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	7882	3137	86	0	0	0	0	0	0	0	0	0	0	0	0		11105

(* < 0.05%)

STATION: 44013

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

Month: AUG

WIND SPEED	WAVE HEIGHT															TOT %	TOT N
	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		
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	>13.4	1.1	124
1 - 3	0.7	0.4	*	-	-	-	-	-	-	-	-	-	-	-	-	8.0	868
4 - 6	4.9	3.1	*	-	-	-	-	-	-	-	-	-	-	-	-	21.2	2299
7 - 10	13.5	7.4	0.3	-	-	-	-	-	-	-	-	-	-	-	-	30.1	3256
11 - 15	18.3	11.4	0.3	-	-	-	-	-	-	-	-	-	-	-	-	16.4	1774
16 - 20	8.1	7.7	0.6	-	-	-	-	-	-	-	-	-	-	-	-	4.3	461
21 - 24	1.2	2.4	0.7	-	-	-	-	-	-	-	-	-	-	-	-	0.6	61
25 - 33	0.1	0.3	0.1	-	-	-	-	-	-	-	-	-	-	-	-	0.1	8
34 - 47	-	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	0.1	8
> 48	-	-	*	*	*	-	-	-	-	-	-	-	-	-	-	0.1	7
TOTAL %	58.9	38.3	2.7	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	6376	4150	293	2	2	0	0	0	0	0	0	0	0	0	0		10823

(* < 0.05%)

STATION: 44013

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

Month: SEP

WAVE HEIGHT

WIND SPEED	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
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	75
1 - 3	0.3	0.4	*	-	-	-	-	-	-	-	-	-	-	-	-	5.9	589
4 - 6	2.4	3.4	0.1	-	-	-	-	-	-	-	-	-	-	-	-	15.8	1567
7 - 10	6.5	9.1	0.2	*	-	-	-	-	-	-	-	-	-	-	-	25.1	2491
11 - 15	10.8	13.5	0.8	0.1	-	-	-	-	-	-	-	-	-	-	-	20.5	2033
16 - 20	6.7	12.8	1.0	0.1	-	-	-	-	-	-	-	-	-	-	-	9.4	935
21 - 24	2.3	5.7	1.4	*	-	-	-	-	-	-	-	-	-	-	-	2.1	211
25 - 33	0.2	0.9	0.7	0.4	*	-	-	-	-	-	-	-	-	-	-	1.3	124
34 - 47	*	0.3	0.3	0.4	0.2	-	-	-	-	-	-	-	-	-	-	0.0	1
> 48	-	-	-	-	*	-	-	-	-	-	-	-	-	-	-	19.0	1883
TOTAL %	39.4	54.0	5.2	1.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	3906	5353	513	100	37	0	0	0	0	0	0	0	0	0	0		9909

(* < 0.05%)

STATION: 44013

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

Month: OCT

WAVE HEIGHT

WIND SPEED	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
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	82
1 - 3	0.3	0.4	*	-	-	-	-	-	-	-	-	-	-	-	-	4.4	480
4 - 6	2.1	2.0	0.3	*	*	*	-	-	-	-	-	-	-	-	-	11.9	1292
7 - 10	5.2	6.1	0.5	0.1	*	-	-	-	-	-	-	-	-	-	-	24.0	2595
11 - 15	9.4	13.1	1.3	0.2	0.1	-	-	-	-	-	-	-	-	-	-	24.4	2645
16 - 20	6.4	16.1	1.7	0.2	*	-	-	-	-	-	-	-	-	-	-	17.5	1894
21 - 24	2.0	12.8	2.2	0.4	-	*	-	-	-	-	-	-	-	-	-	5.6	609
25 - 33	0.3	3.7	1.1	0.5	*	*	-	-	-	-	-	-	-	-	-	3.5	382
34 - 47	-	1.2	0.8	0.8	0.5	0.2	0.1	-	-	-	-	-	-	-	-	0.2	26
> 48	-	*	*	*	*	*	*	0.1	*	-	-	-	-	-	-	7.7	830
TOTAL %	28.9	58.6	8.3	2.6	1.0	0.3	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	3130	6348	902	287	112	34	10	3	8	1	0	0	0	0	0		10835

(* < 0.05%)

STATION: 44013

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

Month: NOV

WAVE HEIGHT

WIND SPEED	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
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	-	0.5	54
1 - 3	0.3	0.2	*	-	-	-	-	-	-	-	-	-	-	-	-	3.6	361
4 - 6	1.6	1.7	0.2	-	*	-	-	-	-	-	-	-	-	-	-	8.2	837
7 - 10	3.8	3.7	0.7	*	*	-	-	-	-	-	-	-	-	-	-	18.0	1832
11 - 15	7.7	8.7	1.4	0.1	*	-	-	-	-	-	-	-	-	-	-	26.2	2665
16 - 20	7.6	16.1	2.3	0.3	-	*	-	-	-	-	-	-	-	-	-	21.9	2229
21 - 24	3.1	15.3	2.9	0.7	*	*	*	-	-	-	-	-	-	-	-	8.7	881
25 - 33	0.4	5.7	1.8	0.8	0.1	*	-	-	-	-	-	-	-	-	-	4.5	456
34 - 47	*	2.0	1.4	0.8	0.2	*	*	-	-	-	-	-	-	-	-	0.4	41
> 48	-	0.1	0.2	*	*	*	*	-	-	-	-	-	-	-	-	8.0	812
TOTAL %	28.3	56.3	11.7	3.0	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	2875	5729	1187	309	55	9	4	0	0	0	0	0	0	0	0		10168

(* < 0.05%)

STATION: 44013

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

Month: DEC

WAVE HEIGHT

WIND SPEED	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
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	-	0.6	67
1 - 3	0.3	0.2	*	*	-	-	-	-	-	-	-	-	-	-	-	3.3	379
4 - 6	1.3	1.6	0.3	*	-	-	-	-	-	-	-	-	-	-	-	7.5	874
7 - 10	4.0	3.0	0.4	0.1	-	-	-	-	-	-	-	-	-	-	-	16.6	1919
11 - 15	7.6	7.8	1.0	0.3	-	-	-	-	-	-	-	-	-	-	-	24.5	2840
16 - 20	7.3	14.9	1.8	0.5	0.1	-	-	-	-	-	-	-	-	-	-	24.0	2780
21 - 24	3.8	15.8	3.0	1.2	0.3	*	-	-	-	-	-	-	-	-	-	11.0	1274
25 - 33	0.4	7.1	2.3	0.8	0.3	0.1	-	-	-	-	-	-	-	-	-	9.4	1087
34 - 47	0.1	3.8	3.5	1.0	0.6	0.4	0.1	-	-	-	-	-	-	-	-	1.0	114
> 48	-	0.1	0.2	*	0.1	0.1	0.3	0.1	-	-	-	-	-	-	-	2.1	246

TOTAL %	25.7	55.4	12.6	3.8	1.3	0.6	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0		
TOTAL N	2977	6419	1458	445	151	75	43	12	0	0	0	0	0	0	0			11580

(* < 0.05%)

STATION: 44013

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

All Months: Annual

WIND SPEED	WAVE HEIGHT															TOT %	TOT N
	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		
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	1075
1 - 3	2.6	2.7	0.2	*	*	*	-	-	-	-	-	-	-	-	-	5.6	7134
4 - 6	7.1	6.2	0.5	0.1	*	-	-	-	-	-	-	-	-	-	-	13.8	17768
7 - 10	11.5	11.7	1.2	0.1	*	*	-	-	-	-	-	-	-	-	-	24.5	31529
11 - 15	7.5	13.7	1.7	0.3	*	*	-	-	-	-	-	-	-	-	-	23.1	29724
16 - 20	2.3	9.7	2.1	0.5	0.1	*	*	-	-	-	-	-	-	-	-	14.8	18956
21 - 24	0.2	3.6	1.3	0.5	0.1	*	*	-	-	-	-	-	-	-	-	5.7	7329
25 - 33	*	1.5	1.1	0.6	0.3	0.1	*	*	*	-	-	-	-	-	-	3.8	4862
34 - 47	*	*	0.1	*	*	*	*	*	*	*	-	-	-	-	-	0.2	320
> 48	4.3	2.8	0.3	0.1	0.1	*	-	-	-	-	-	-	-	-	-	7.6	9780
TOTAL %	35.9	52.3	8.5	2.2	0.7	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	46125	67172	10983	2802	918	307	123	37	9	1	0	0	0	0	0		128477

(* < 0.05%)

STATION: 44013

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

Months: DEC, JAN, FEB (Winter)

WIND SPEED	WAVE HEIGHT															TOT %	TOT N
	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		
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	-	0.6	202
1 - 3	1.3	1.9	0.3	*	-	-	-	-	-	-	-	-	-	-	-	3.5	1116
4 - 6	3.6	3.6	0.6	0.1	-	-	-	-	-	-	-	-	-	-	-	7.8	2491
7 - 10	7.0	8.6	1.4	0.3	*	-	-	-	-	-	-	-	-	-	-	17.3	5518
11 - 15	7.3	15.1	2.2	0.5	0.1	*	-	-	-	-	-	-	-	-	-	25.3	8033
16 - 20	3.5	15.7	3.0	1.0	0.3	*	-	-	-	-	-	-	-	-	-	23.5	7467
21 - 24	0.4	7.5	2.3	0.9	0.3	0.1	*	-	-	-	-	-	-	-	-	11.4	3637
25 - 33	*	3.7	2.8	1.2	0.6	0.4	0.1	-	-	-	-	-	-	-	-	8.8	2800
34 - 47	-	0.1	0.1	*	0.1	0.1	0.1	*	*	-	-	-	-	-	-	0.5	173
> 48	0.4	0.7	0.1	*	*	-	-	-	-	-	-	-	-	-	-	1.2	374
TOTAL %	23.8	57.1	12.9	4.2	1.3	0.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	7561	18165	4093	1342	416	167	55	12	0	0	0	0	0	0	0		31811

(* < 0.05%)

STATION: 44013

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

Months: MAR, APR, MAY (Spring)

WIND SPEED	WAVE HEIGHT															TOT %	TOT N
	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		
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	-	1.0	342
1 - 3	2.2	3.8	0.4	*	*	-	-	-	-	-	-	-	-	-	-	6.4	2098
4 - 6	5.3	8.0	0.8	0.1	*	-	-	-	-	-	-	-	-	-	-	14.2	4636
7 - 10	8.5	15.4	1.7	0.2	*	*	-	-	-	-	-	-	-	-	-	25.8	8392
11 - 15	5.8	16.6	2.3	0.4	*	*	-	-	-	-	-	-	-	-	-	25.1	8185
16 - 20	1.6	9.6	2.8	0.5	0.1	*	-	-	-	-	-	-	-	-	-	14.7	4787
21 - 24	0.2	3.2	1.4	0.5	0.2	0.1	*	-	-	-	-	-	-	-	-	5.5	1789
25 - 33	*	1.1	0.9	0.5	0.4	0.1	0.1	*	*	-	-	-	-	-	-	3.2	1041
34 - 47	-	*	*	*	*	*	*	*	-	-	-	-	-	-	-	0.2	68
> 48	1.2	1.9	0.4	0.1	0.1	*	-	-	-	-	-	-	-	-	-	3.8	1236
TOTAL %	25.0	60.4	10.9	2.3	0.9	0.3	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	8158	19685	3536	741	284	93	54	22	1	0	0	0	0	0	0		32574

(* < 0.05%)

STATION: 44013

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

Months: JUN, JUL, AUG (Summer)

WIND SPEED	WAVE HEIGHT															TOT %	TOT N
	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		
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	-	1.0	320
1 - 3	4.7	2.7	0.1	*	-	-	-	-	-	-	-	-	-	-	-	7.5	2490
4 - 6	13.9	6.7	0.3	*	-	-	-	-	-	-	-	-	-	-	-	20.9	6945
7 - 10	21.0	10.9	0.4	*	-	-	-	-	-	-	-	-	-	-	-	32.3	10701
11 - 15	9.9	8.1	0.5	*	-	-	-	-	-	-	-	-	-	-	-	18.6	6163

11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	2.5	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	2.6	288
13.5 - 14.4	2.6	*	-	-	-	-	-	-	-	-	-	-	-	-	-	2.6	292
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.5	52
TOTAL %	71.0	28.2	0.8	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	7882	3137	86	0	0	0	0	0	0	0	0	0	0	0	0		11105

(* < 0.05%)

STATION: 44013

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

Month: AUG

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	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		
< 0.5	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	5
0.5 - 1.4	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	3.3	2.9	-	-	-	-	-	-	-	-	-	-	-	-	-	6.2	673
3.5 - 4.4	2.2	3.6	*	-	-	-	-	-	-	-	-	-	-	-	-	5.8	632
4.5 - 5.4	2.0	4.1	0.1	-	-	-	-	-	-	-	-	-	-	-	-	6.2	672
5.5 - 6.4	4.1	3.8	0.7	*	-	-	-	-	-	-	-	-	-	-	-	8.7	937
6.5 - 7.4	7.7	3.8	0.9	-	-	-	-	-	-	-	-	-	-	-	-	12.4	1343
7.5 - 8.4	15.0	6.8	0.3	-	*	-	-	-	-	-	-	-	-	-	-	22.1	2392
8.5 - 9.4	7.7	3.7	0.2	*	*	-	-	-	-	-	-	-	-	-	-	11.6	1254
9.5 - 10.4	5.4	3.3	0.1	-	-	-	-	-	-	-	-	-	-	-	-	8.8	952
10.5 - 11.4	5.6	3.1	0.2	-	-	-	-	-	-	-	-	-	-	-	-	8.9	963
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	3.6	2.4	0.1	-	-	-	-	-	-	-	-	-	-	-	-	6.1	660
13.5 - 14.4	1.7	0.8	*	-	-	-	-	-	-	-	-	-	-	-	-	2.5	275
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	0.2	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	0.2	27
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	0.3	*	-	-	-	-	-	-	-	-	-	-	-	-	-	0.4	38
TOTAL %	58.9	38.3	2.7	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	6376	4150	293	2	2	0	0	0	0	0	0	0	0	0	0		10823

(* < 0.05%)

STATION: 44013

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

Month: SEP

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	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		
< 0.5	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	0.3	26
0.5 - 1.4	0.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	4.5	4.4	-	-	-	-	-	-	-	-	-	-	-	-	-	9.0	890
3.5 - 4.4	2.1	4.7	0.1	-	-	-	-	-	-	-	-	-	-	-	-	6.9	681
4.5 - 5.4	1.7	5.6	0.3	-	-	-	-	-	-	-	-	-	-	-	-	7.5	746
5.5 - 6.4	1.9	5.1	1.0	*	-	-	-	-	-	-	-	-	-	-	-	8.1	802
6.5 - 7.4	1.7	4.1	1.3	0.2	-	-	-	-	-	-	-	-	-	-	-	7.3	727
7.5 - 8.4	7.3	6.8	0.9	0.4	0.1	-	-	-	-	-	-	-	-	-	-	15.4	1527
8.5 - 9.4	6.5	4.5	0.2	0.2	0.2	-	-	-	-	-	-	-	-	-	-	11.5	1136
9.5 - 10.4	5.3	5.6	0.4	0.1	0.1	-	-	-	-	-	-	-	-	-	-	11.4	1134
10.5 - 11.4	3.4	5.7	0.5	0.1	0.1	-	-	-	-	-	-	-	-	-	-	9.7	964
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	2.8	4.3	0.2	-	0.1	-	-	-	-	-	-	-	-	-	-	7.3	721
13.5 - 14.4	1.8	2.5	0.2	-	-	-	-	-	-	-	-	-	-	-	-	4.5	444
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	0.1	0.8	0.1	-	-	-	-	-	-	-	-	-	-	-	-	1.0	102
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	0.1	*	-	-	-	-	-	-	-	-	-	-	-	-	0.1	9
TOTAL %	39.4	54.0	5.2	1.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	3906	5353	513	100	37	0	0	0	0	0	0	0	0	0	0		9909

(* < 0.05%)

STATION: 44013

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

Month: OCT

(* < 0.05%)

STATION: 44013

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

Months: MAR, APR, MAY (Spring)

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	0.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.3	95
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	3.0	4.7	-	-	-	-	-	-	-	-	-	-	-	-	-	7.6	2477
3.5 - 4.4	1.1	8.8	0.1	-	-	-	-	-	-	-	-	-	-	-	-	10.1	3302
4.5 - 5.4	0.7	4.5	0.5	-	-	-	-	-	-	-	-	-	-	-	-	5.7	1852
5.5 - 6.4	1.1	4.9	1.2	*	-	-	-	-	-	-	-	-	-	-	-	7.3	2366
6.5 - 7.4	1.3	5.0	1.7	0.2	*	-	-	-	-	-	-	-	-	-	-	8.2	2676
7.5 - 8.4	4.4	9.6	2.9	0.7	0.2	*	-	-	-	-	-	-	-	-	-	17.8	5784
8.5 - 9.4	4.0	7.2	1.6	0.5	0.2	*	*	-	-	-	-	-	-	-	-	13.6	4433
9.5 - 10.4	4.3	7.5	1.3	0.5	0.2	0.1	*	*	-	-	-	-	-	-	-	13.9	4527
10.5 - 11.4	2.7	5.3	0.9	0.2	0.2	0.1	0.1	*	-	-	-	-	-	-	-	9.6	3134
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	1.3	2.5	0.5	0.1	*	0.1	0.1	*	*	-	-	-	-	-	-	4.5	1477
13.5 - 14.4	0.7	0.5	*	*	*	*	-	-	-	-	-	-	-	-	-	1.2	402
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	0.1	*	*	-	-	*	*	-	-	-	-	-	-	-	-	0.1	47
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	*	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	1
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 %	25.0	60.4	10.9	2.3	0.9	0.3	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	8158	19685	3536	741	284	93	54	22	1	0	0	0	0	0	0		32574

(* < 0.05%)

STATION: 44013

5 - PERCENT FREQUENCY OF SIGNIFICANT WAVE HEIGHT (METERS) VS DOMINANT 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	0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.2	67
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	4.4	2.9	-	-	-	-	-	-	-	-	-	-	-	-	-	7.3	2409
3.5 - 4.4	2.4	3.7	*	-	-	-	-	-	-	-	-	-	-	-	-	6.1	2019
4.5 - 5.4	2.5	3.2	0.1	-	-	-	-	-	-	-	-	-	-	-	-	5.7	1904
5.5 - 6.4	4.6	3.4	0.5	*	-	-	-	-	-	-	-	-	-	-	-	8.6	2837
6.5 - 7.4	8.1	4.0	0.7	*	-	-	-	-	-	-	-	-	-	-	-	12.9	4266
7.5 - 8.4	16.7	8.3	0.6	*	*	-	-	-	-	-	-	-	-	-	-	25.6	8502
8.5 - 9.4	8.5	4.3	0.2	*	*	*	-	-	-	-	-	-	-	-	-	13.1	4345
9.5 - 10.4	5.7	3.0	0.1	*	*	-	-	-	-	-	-	-	-	-	-	8.9	2939
10.5 - 11.4	3.7	1.7	0.1	-	-	-	-	-	-	-	-	-	-	-	-	5.4	1805
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	2.4	0.9	*	-	-	-	-	-	-	-	-	-	-	-	-	3.4	1119
13.5 - 14.4	1.9	0.3	*	-	-	-	-	-	-	-	-	-	-	-	-	2.2	742
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	0.5	*	-	-	-	-	-	-	-	-	-	-	-	-	-	0.5	166
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	0.2	*	-	-	-	-	-	-	-	-	-	-	-	-	-	0.2	60
TOTAL %	61.8	35.8	2.3	0.1	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	20495	11892	752	23	14	4	0	0	0	0	0	0	0	0	0		33180

(* < 0.05%)

STATION: 44013

5 - PERCENT FREQUENCY OF SIGNIFICANT WAVE HEIGHT (METERS) VS DOMINANT 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	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.5	159
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	5.3	6.8	-	-	-	-	-	-	-	-	-	-	-	-	-	12.1	3750

TOTAL %	55.4	40.9	3.3	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0
TOTAL N	6237	4605	373	21	12	4	0	0	0	0	0	0	0	0	0	11252

(* < 0.05%)

STATION: 44013

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

Month: JUL

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	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		
< 0.5	0.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.4	43
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	2.3	1.5	-	-	-	-	-	-	-	-	-	-	-	-	-	3.8	419
3.5 - 4.4	13.5	7.0	0.1	-	-	-	-	-	-	-	-	-	-	-	-	20.5	2281
4.5 - 5.4	22.8	7.9	0.5	-	-	-	-	-	-	-	-	-	-	-	-	31.1	3454
5.5 - 6.4	20.7	6.6	0.2	-	-	-	-	-	-	-	-	-	-	-	-	27.5	3054
6.5 - 7.4	9.4	4.3	0.1	-	-	-	-	-	-	-	-	-	-	-	-	13.7	1517
7.5 - 8.4	1.6	0.9	-	-	-	-	-	-	-	-	-	-	-	-	-	2.5	282
8.5 - 9.4	0.3	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	0.4	44
9.5 - 10.4	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.1	9
10.5 - 11.4	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	2
TOTAL %	71.0	28.2	0.8	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	7882	3137	86	0	0	0	0	0	0	0	0	0	0	0	0	11105	

(* < 0.05%)

STATION: 44013

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

Month: AUG

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	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		
< 0.5	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	5
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	1.3	1.6	-	-	-	-	-	-	-	-	-	-	-	-	-	2.9	319
3.5 - 4.4	9.3	9.6	*	-	-	-	-	-	-	-	-	-	-	-	-	18.9	2044
4.5 - 5.4	18.5	9.7	1.5	*	-	-	-	-	-	-	-	-	-	-	-	29.7	3214
5.5 - 6.4	18.3	7.8	0.6	*	*	-	-	-	-	-	-	-	-	-	-	26.7	2893
6.5 - 7.4	8.3	5.6	0.3	-	*	-	-	-	-	-	-	-	-	-	-	14.2	1540
7.5 - 8.4	2.5	2.9	0.1	-	-	-	-	-	-	-	-	-	-	-	-	5.5	590
8.5 - 9.4	0.5	1.0	0.1	-	-	-	-	-	-	-	-	-	-	-	-	1.6	168
9.5 - 10.4	0.2	0.2	*	-	-	-	-	-	-	-	-	-	-	-	-	0.4	41
10.5 - 11.4	*	-	0.1	-	-	-	-	-	-	-	-	-	-	-	-	0.1	9
TOTAL %	58.9	38.3	2.7	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	6376	4150	293	2	2	0	0	0	0	0	0	0	0	0	0	10823	

(* < 0.05%)

STATION: 44013

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

Month: SEP

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	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		
< 0.5	0.4	0.3	-	-	-	-	-	-	-	-	-	-	-	-	-	0.3	26
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	2.0	2.8	-	-	-	-	-	-	-	-	-	-	-	-	-	4.8	479
3.5 - 4.4	10.2	12.4	0.1	-	-	-	-	-	-	-	-	-	-	-	-	22.6	2242
4.5 - 5.4	10.7	13.7	2.2	*	-	-	-	-	-	-	-	-	-	-	-	26.7	2641
5.5 - 6.4	9.0	10.4	1.6	0.6	*	-	-	-	-	-	-	-	-	-	-	21.7	2149
6.5 - 7.4	5.3	8.3	0.6	0.3	0.3	-	-	-	-	-	-	-	-	-	-	14.7	1461
7.5 - 8.4	1.6	4.2	0.2	0.1	0.1	-	-	-	-	-	-	-	-	-	-	6.2	612
8.5 - 9.4	0.3	1.8	0.2	-	-	-	-	-	-	-	-	-	-	-	-	2.3	228
9.5 - 10.4	*	0.4	0.2	-	-	-	-	-	-	-	-	-	-	-	-	0.6	61
10.5 - 11.4	-	*	0.1	-	-	-	-	-	-	-	-	-	-	-	-	0.1	10
TOTAL %	39.4	54.0	5.2	1.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	3906	5353	513	100	37	0	0	0	0	0	0	0	0	0	0	9909	

(* < 0.05%)

STATION: 44013

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

10.5 - 11.4	*	*	*	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	15
TOTAL %	61.8	35.8	2.3	0.1	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	20495	11892	752	23	14	4	0	0	0	0	0	0	0	0	0	0		33180

(* < 0.05%)

STATION: 44013

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	0.4	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	0.5	159
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	3.1	5.4	-	-	-	-	-	-	-	-	-	-	-	-	-	8.5	2635
3.5 - 4.4	8.5	18.2	0.4	-	-	-	-	-	-	-	-	-	-	-	-	27.0	8354
4.5 - 5.4	8.1	13.1	3.2	0.1	-	-	-	-	-	-	-	-	-	-	-	24.5	7558
5.5 - 6.4	6.2	8.9	2.6	0.9	*	-	-	-	-	-	-	-	-	-	-	18.6	5752
6.5 - 7.4	3.8	5.8	1.2	0.8	0.3	*	-	-	-	-	-	-	-	-	-	11.9	3690
7.5 - 8.4	1.4	3.2	0.8	0.4	0.2	*	*	-	-	-	-	-	-	-	-	6.1	1873
8.5 - 9.4	0.4	1.4	0.2	*	0.1	0.1	*	-	-	-	-	-	-	-	-	2.1	658
9.5 - 10.4	0.1	0.4	0.1	*	*	-	*	-	-	-	-	-	-	-	-	0.7	204
10.5 - 11.4	-	*	*	-	-	-	-	*	-	-	-	-	-	-	-	0.1	28
11.5 - 12.4	-	-	-	-	-	-	-	-	-	*	-	-	-	-	-	0.0	1
TOTAL %	32.1	56.4	8.4	2.3	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	9911	17430	2602	696	204	43	14	3	8	1	0	0	0	0	0		30912

(* < 0.05%)

STATION: 44013

7 - PERCENT FREQUENCY OF DOMINANT WAVE PERIOD (SECONDS) VS MEAN WAVE DIRECTION (TENS OF DEGREES)

Month: JAN

WAVE PERIOD	MEAN WAVE DIRECTION												TOT %	TOT N
	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
< 0.5	-	-	*	0.1	-	-	-	-	-	*	-	-	0.2	6
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	1.0	0.7	0.4	0.9	0.2	1.3	0.2	1.7	1.8	3.0	2.7	1.4	15.2	445
3.5 - 4.4	0.9	1.1	0.3	0.2	0.4	1.5	0.3	0.5	0.7	5.0	6.8	2.3	19.8	579
4.5 - 5.4	0.1	1.5	2.1	0.9	1.1	0.8	-	0.1	1.5	3.0	0.2	11.4	332	
5.5 - 6.4	-	1.4	5.0	1.3	0.8	1.4	-	-	-	0.1	-	10.0	291	
6.5 - 7.4	-	0.4	2.8	3.3	0.6	0.2	-	-	-	-	-	7.3	213	
7.5 - 8.4	-	0.1	2.9	5.9	0.4	*	-	-	-	-	-	9.3	272	
8.5 - 9.4	-	-	0.7	5.8	0.3	-	-	-	-	-	-	6.7	197	
9.5 - 10.4	-	-	0.7	4.9	0.7	-	-	-	-	-	-	6.3	184	
10.5 - 11.4	-	*	0.8	8.1	1.1	-	-	-	-	-	-	10.0	292	
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	0.0	0	
12.5 - 13.4	-	-	0.3	2.9	0.3	-	-	-	-	-	-	3.5	102	
13.5 - 14.4	-	-	-	0.2	-	-	-	-	-	-	-	0.2	6	
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	0.0	0	
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	0.0	0	
16.5 - 17.4	-	-	*	-	-	-	-	-	-	-	-	0.0	1	
TOTAL %	2.0	5.1	16.1	34.4	5.9	5.2	0.5	2.2	2.5	9.6	12.6	3.9	100.0	
TOTAL N	57	150	470	1005	171	152	14	64	74	281	369	113		2920

(* < 0.05%)

STATION: 44013

7 - PERCENT FREQUENCY OF DOMINANT WAVE PERIOD (SECONDS) VS MEAN WAVE DIRECTION (TENS OF DEGREES)

Month: FEB

WAVE PERIOD	MEAN WAVE DIRECTION												TOT %	TOT N
	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
< 0.5	-	-	-	0.2	*	-	-	-	-	-	-	-	0.3	7
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	1.0	0.5	0.3	1.0	0.2	1.3	1.1	2.1	1.7	3.2	3.1	1.3	16.5	433
3.5 - 4.4	0.8	0.8	0.2	0.2	0.7	1.7	0.1	0.9	0.5	4.3	6.3	3.2	19.7	515
4.5 - 5.4	-	0.5	0.6	0.9	0.6	0.5	-	-	-	1.1	3.4	0.8	8.4	219
5.5 - 6.4	-	1.0	2.3	1.6	0.6	0.2	*	-	-	-	-	-	5.7	148
6.5 - 7.4	-	0.3	4.9	2.3	0.3	*	-	-	-	-	-	-	7.7	202
7.5 - 8.4	-	-	2.5	6.5	0.5	-	-	-	-	-	-	-	9.6	250
8.5 - 9.4	-	-	0.7	8.1	0.7	-	-	-	-	-	-	-	9.6	250
9.5 - 10.4	-	*	1.1	9.5	1.3	-	-	-	-	-	-	-	12.0	313
10.5 - 11.4	-	-	1.0	6.3	0.3	-	-	-	-	-	-	-	7.6	199
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	-	0.5	1.9	0.1	-	-	-	-	-	-	-	2.5	66
13.5 - 14.4	-	-	0.2	0.3	-	-	-	-	-	-	-	-	0.6	15

TOTAL %	1.7	3.0	14.3	38.9	5.3	3.7	1.1	3.1	2.2	8.6	12.8	5.2	100.0	
TOTAL N	45	79	375	1019	139	97	30	80	57	224	335	137		2617

(* < 0.05%)

STATION: 44013

7 - PERCENT FREQUENCY OF DOMINANT WAVE PERIOD(SECONDS) VS MEAN WAVE DIRECTION(TENS OF DEGREES)

Month: MAR

WAVE PERIOD	MEAN WAVE DIRECTION												TOT %	TOT N
	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	0.9	0.6	0.5	0.7	0.3	1.2	0.3	0.2	0.3	1.5	2.4	1.5	10.5	307
3.5 - 4.4	0.3	1.0	0.5	0.3	0.7	1.8	-	0.4	0.1	3.2	5.9	3.0	17.2	500
4.5 - 5.4	-	1.5	2.4	1.6	0.4	1.1	-	-	-	0.7	0.4	0.5	8.6	250
5.5 - 6.4	-	0.7	4.8	3.4	0.9	0.3	-	-	-	-	0.2	-	10.3	301
6.5 - 7.4	-	0.2	3.7	2.9	0.9	-	-	-	-	-	-	-	7.6	222
7.5 - 8.4	-	-	3.2	6.9	1.3	-	-	-	-	-	-	-	11.5	334
8.5 - 9.4	-	-	1.4	7.4	1.1	-	-	-	-	-	-	-	10.0	292
9.5 - 10.4	-	-	1.9	12.1	1.0	-	-	-	-	-	-	-	15.0	437
10.5 - 11.4	-	-	0.5	5.5	0.3	-	-	-	-	-	-	-	6.3	184
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	-	0.2	2.2	-	-	-	-	-	-	-	-	2.4	71
13.5 - 14.4	-	-	-	0.5	-	-	-	-	-	-	-	-	0.5	16
TOTAL %	1.2	4.0	19.1	43.8	6.9	4.5	0.3	0.6	0.4	5.4	8.8	5.0	100.0	
TOTAL N	35	118	557	1275	200	131	8	18	12	157	257	146		2914

(* < 0.05%)

STATION: 44013

7 - PERCENT FREQUENCY OF DOMINANT WAVE PERIOD(SECONDS) VS MEAN WAVE DIRECTION(TENS OF DEGREES)

Month: APR

WAVE PERIOD	MEAN WAVE DIRECTION												TOT %	TOT N
	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
< 0.5	-	-	0.1	0.8	*	-	-	-	-	-	-	-	0.9	26
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	0.2	0.6	0.7	0.8	1.2	2.6	0.7	0.7	0.5	0.9	2.2	1.9	13.0	369
3.5 - 4.4	0.2	1.1	0.8	0.9	2.3	3.4	0.5	0.2	*	0.7	3.4	1.6	15.1	427
4.5 - 5.4	*	1.0	1.0	1.0	1.6	1.2	0.1	-	-	*	1.0	-	6.8	192
5.5 - 6.4	-	1.0	2.6	2.7	1.5	0.1	-	-	-	-	0.2	-	8.1	228
6.5 - 7.4	-	0.1	1.6	3.8	1.7	-	-	-	-	-	-	-	7.2	204
7.5 - 8.4	-	-	1.7	9.2	1.6	-	-	-	-	-	-	-	12.5	355
8.5 - 9.4	-	-	1.5	10.2	0.8	-	-	-	-	-	-	-	12.5	354
9.5 - 10.4	-	0.1	1.6	10.1	0.8	-	-	-	-	-	-	-	12.6	356
10.5 - 11.4	-	-	1.4	6.6	0.5	-	-	-	-	-	-	-	8.5	242
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	-	0.7	1.9	0.1	-	-	-	-	-	-	-	2.7	77
13.5 - 14.4	-	-	-	0.1	-	-	-	-	-	-	-	-	0.1	2
TOTAL %	0.5	3.8	13.7	48.2	12.0	7.2	1.2	0.9	0.5	1.6	6.7	3.5	100.0	
TOTAL N	14	108	389	1365	341	205	35	25	15	46	190	99		2832

(* < 0.05%)

STATION: 44013

7 - PERCENT FREQUENCY OF DOMINANT WAVE PERIOD(SECONDS) VS MEAN WAVE DIRECTION(TENS OF DEGREES)

Month: MAY

WAVE PERIOD	MEAN WAVE DIRECTION												TOT %	TOT N
	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
< 0.5	-	-	*	0.2	-	-	-	-	-	-	-	-	0.3	8
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	0.4	0.3	0.1	1.3	1.4	2.1	0.8	0.8	0.4	1.4	2.3	0.7	12.1	352
3.5 - 4.4	0.1	0.2	0.2	1.0	1.8	3.1	0.4	0.1	0.1	1.5	2.2	1.1	11.8	341
4.5 - 5.4	-	0.4	0.9	2.4	1.4	0.7	-	-	-	0.1	0.1	0.1	6.1	178
5.5 - 6.4	-	0.4	1.0	2.5	0.8	*	-	-	*	*	-	-	4.8	140
6.5 - 7.4	-	*	0.7	4.2	0.8	-	-	-	-	*	-	-	5.8	168
7.5 - 8.4	-	-	1.4	16.7	2.3	-	-	-	-	-	-	-	20.4	592
8.5 - 9.4	-	-	1.2	12.7	0.7	-	-	-	-	-	-	-	14.5	422
9.5 - 10.4	-	-	1.1	11.9	0.3	-	-	-	-	-	-	-	13.3	385
10.5 - 11.4	-	-	1.2	7.6	0.1	-	-	-	-	-	-	-	8.9	259
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	-	0.2	1.8	-	-	-	-	-	-	-	-	2.0	57
TOTAL %	0.5	1.5	8.0	62.4	9.6	5.9	1.2	0.9	0.5	3.1	4.6	1.9	100.0	
TOTAL N	15	43	231	1810	278	172	34	27	15	90	133	54		2902

(* < 0.05%)

STATION: 44013

7 - PERCENT FREQUENCY OF DOMINANT WAVE PERIOD(SECONDS) VS MEAN WAVE DIRECTION(TENS OF DEGREES)

Month: JUN

WAVE PERIOD	MEAN WAVE DIRECTION												TOT %	TOT N
	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
< 0.5	-	-	-	0.1	-	-	-	-	-	-	-	-	0.1	3
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	0.1	0.4	0.8	2.7	2.5	2.7	0.9	0.6	0.3	0.3	1.0	0.4	12.8	350
3.5 - 4.4	0.1	0.7	1.1	1.9	2.9	1.9	0.2	0.1	-	-	0.2	0.2	9.1	250
4.5 - 5.4	-	0.2	1.0	2.7	0.5	0.2	-	-	-	*	-	-	4.7	130
5.5 - 6.4	-	-	0.6	5.2	1.5	-	-	-	*	0.1	*	-	7.5	205
6.5 - 7.4	-	-	0.2	8.4	2.7	-	-	-	-	-	-	-	11.3	309
7.5 - 8.4	-	-	0.7	20.7	3.8	-	-	-	-	-	-	-	25.1	688
8.5 - 9.4	-	-	0.5	12.6	1.3	-	-	-	-	-	-	-	14.4	395
9.5 - 10.4	-	-	0.5	8.1	0.3	-	-	-	-	-	-	-	8.9	245
10.5 - 11.4	-	-	0.3	4.0	0.2	-	-	-	-	-	-	-	4.5	122
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	-	0.3	0.9	*	-	-	-	-	-	-	-	1.2	33
13.5 - 14.4	-	-	-	*	-	-	-	-	-	-	-	-	0.0	1
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	-	0.2	0.1	-	-	-	-	-	-	-	-	0.3	9

TOTAL % 0.2 1.4 6.1 67.4 15.7 4.7 1.1 0.7 0.4 0.4 1.2 0.5 100.0

TOTAL N 6 37 167 1848 431 130 31 20 10 12 33 15 2740

(* < 0.05%)

STATION: 44013

7 - PERCENT FREQUENCY OF DOMINANT WAVE PERIOD(SECONDS) VS MEAN WAVE DIRECTION(TENS OF DEGREES)

Month: JUL

WAVE PERIOD	MEAN WAVE DIRECTION												TOT %	TOT N
	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	*	0.5	1.7	1.7	2.9	0.7	0.8	0.1	0.5	0.6	0.2	9.8	225
3.5 - 4.4	0.1	0.1	1.3	1.6	1.3	1.3	0.1	-	-	0.3	0.8	-	6.9	159
4.5 - 5.4	-	-	0.8	3.3	1.1	-	-	-	*	*	*	-	5.3	123
5.5 - 6.4	-	-	0.7	5.9	2.5	-	-	*	0.1	0.2	-	-	9.4	217
6.5 - 7.4	-	-	0.4	10.4	1.5	-	-	-	-	-	-	-	12.3	283
7.5 - 8.4	-	-	0.4	20.7	1.9	-	-	-	-	-	-	-	23.0	529
8.5 - 9.4	-	-	0.3	12.9	1.4	-	-	-	-	-	-	-	14.6	335
9.5 - 10.4	-	-	0.5	10.5	1.3	-	-	-	-	-	-	-	12.3	283
10.5 - 11.4	-	-	0.2	4.0	0.6	-	-	-	-	-	-	-	4.8	111
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	-	0.3	0.9	0.1	-	-	-	-	-	-	-	1.3	30
13.5 - 14.4	-	-	0.1	0.1	-	-	-	-	-	-	-	-	0.3	6

TOTAL % 0.1 0.2 5.6 71.9 13.4 4.2 0.8 0.9 0.3 1.1 1.4 0.2 100.0

TOTAL N 2 4 129 1655 308 97 18 20 6 25 32 5 2301

(* < 0.05%)

STATION: 44013

7 - PERCENT FREQUENCY OF DOMINANT WAVE PERIOD(SECONDS) VS MEAN WAVE DIRECTION(TENS OF DEGREES)

Month: AUG

WAVE PERIOD	MEAN WAVE DIRECTION												TOT %	TOT N
	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	0.6	0.9	0.6	1.8	1.0	3.1	1.3	1.7	0.6	0.8	1.0	1.0	14.3	316
3.5 - 4.4	-	0.6	2.6	1.2	1.0	0.6	-	0.1	-	*	0.1	0.7	7.0	154
4.5 - 5.4	-	1.0	3.1	3.7	0.5	-	-	-	*	*	-	-	8.5	187
5.5 - 6.4	-	0.2	1.9	6.6	1.3	-	*	*	-	0.1	*	-	10.3	227
6.5 - 7.4	-	*	1.1	11.6	0.9	-	-	-	-	-	-	-	13.6	300
7.5 - 8.4	-	-	0.4	15.5	1.6	-	-	-	-	-	-	-	17.5	387
8.5 - 9.4	-	-	0.4	6.5	1.2	-	-	-	-	-	-	-	8.0	177
9.5 - 10.4	-	-	0.3	5.0	0.7	-	-	-	-	-	-	-	6.0	132
10.5 - 11.4	-	-	0.2	5.3	0.4	-	-	-	-	-	-	-	5.8	129
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	-	0.6	4.9	0.3	-	-	-	-	-	-	-	5.8	127
13.5 - 14.4	-	-	0.9	2.1	*	-	-	-	-	-	-	-	3.0	67
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	-	0.1	0.1	-	-	-	-	-	-	-	-	0.2	4

TOTAL % 0.6 2.8 12.1 64.2 9.1 3.7 1.3 1.8 0.7 1.0 1.2 1.7 100.0

TOTAL N 13 61 266 1417 200 81 29 40 15 22 26 37 2207
 (* < 0.05%)

STATION: 44013

7 - PERCENT FREQUENCY OF DOMINANT WAVE PERIOD(SECONDS) VS MEAN WAVE DIRECTION(TENS OF DEGREES)

Month: SEP

WAVE PERIOD	MEAN WAVE DIRECTION												TOT %	TOT N
	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	0.4	0.5	1.2	2.1	0.5	1.4	0.4	1.3	-	1.0	2.4	1.1	12.2	259
3.5 - 4.4	-	0.9	1.7	0.7	1.2	1.0	-	-	-	0.4	0.8	0.3	7.1	151
4.5 - 5.4	-	0.4	2.2	3.5	0.7	0.5	-	-	-	-	-	-	7.4	156
5.5 - 6.4	-	0.4	2.5	4.6	0.6	-	-	-	-	*	-	-	8.1	172
6.5 - 7.4	-	0.3	2.5	4.9	0.6	-	-	-	-	-	-	-	8.3	176
7.5 - 8.4	-	-	2.6	8.1	0.6	-	-	-	-	-	-	-	11.3	240
8.5 - 9.4	-	-	2.0	8.5	0.3	-	-	-	-	*	-	-	10.8	230
9.5 - 10.4	-	-	1.2	10.7	0.2	-	-	-	-	*	-	-	12.2	259
10.5 - 11.4	-	-	1.0	8.4	0.3	-	-	-	-	-	-	-	9.8	207
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	-	0.8	5.8	0.1	-	-	-	-	-	-	-	6.7	143
13.5 - 14.4	-	-	1.0	4.1	0.1	-	-	-	-	-	-	-	5.2	110
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	-	0.1	0.6	-	-	-	-	-	-	-	-	0.7	15
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	-	0.1	*	-	-	-	-	-	-	-	-	0.2	4
TOTAL %	0.4	2.5	19.0	62.0	5.2	2.9	0.4	1.3	0.0	1.6	3.2	1.4	100.0	
TOTAL N	8	54	404	1316	111	61	9	28	0	33	68	30		2122

STATION: 44013

7 - PERCENT FREQUENCY OF DOMINANT WAVE PERIOD(SECONDS) VS MEAN WAVE DIRECTION(TENS OF DEGREES)

Month: OCT

WAVE PERIOD	MEAN WAVE DIRECTION												TOT %	TOT N
	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
< 0.5	0.2	-	-	0.3	-	-	-	-	-	-	-	-	0.4	12
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	0.5	0.4	0.7	1.2	0.7	1.8	0.9	2.2	1.1	1.1	2.7	1.5	14.6	404
3.5 - 4.4	0.7	1.2	1.0	0.4	0.7	0.6	0.1	0.2	0.1	1.2	3.7	2.4	12.0	332
4.5 - 5.4	-	0.9	2.4	1.1	0.8	0.3	-	-	-	0.1	*	-	5.5	153
5.5 - 6.4	-	0.9	3.9	1.6	0.7	0.1	-	-	-	0.1	-	-	7.4	203
6.5 - 7.4	-	-	1.3	3.2	0.7	*	-	-	-	-	-	-	5.1	141
7.5 - 8.4	-	-	1.9	8.5	1.7	-	-	-	-	-	-	-	12.1	335
8.5 - 9.4	-	-	1.3	9.1	1.3	-	-	-	-	-	-	-	11.7	324
9.5 - 10.4	-	-	1.4	11.0	0.8	-	-	-	-	-	-	-	13.1	362
10.5 - 11.4	-	-	1.2	8.1	0.3	-	-	-	-	-	-	-	9.5	263
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	-	1.5	5.3	-	*	-	-	-	-	-	-	6.8	189
13.5 - 14.4	-	-	0.3	1.2	*	-	-	-	-	-	-	-	1.5	42
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	-	-	*	-	-	-	-	-	-	-	-	0.0	1
TOTAL %	1.3	3.3	16.8	50.8	7.5	3.0	0.9	2.4	1.1	2.5	6.4	3.9	100.0	
TOTAL N	37	91	464	1403	208	82	26	67	31	68	177	107		2761

STATION: 44013

7 - PERCENT FREQUENCY OF DOMINANT WAVE PERIOD(SECONDS) VS MEAN WAVE DIRECTION(TENS OF DEGREES)

Month: NOV

WAVE PERIOD	MEAN WAVE DIRECTION												TOT %	TOT N
	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
< 0.5	-	-	-	0.4	0.1	-	-	-	-	-	-	-	0.4	12
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	1.2	0.6	0.5	1.5	0.8	0.9	0.6	2.4	1.6	2.6	3.0	1.1	16.7	468
3.5 - 4.4	0.7	0.7	1.1	0.6	1.1	1.6	0.1	0.1	0.4	2.7	5.1	2.1	16.5	463
4.5 - 5.4	-	1.5	3.5	1.9	1.5	1.0	-	-	*	0.3	1.3	0.2	11.2	315
5.5 - 6.4	-	1.0	2.7	2.5	1.1	0.5	-	-	-	-	-	-	7.8	218
6.5 - 7.4	-	0.5	2.5	2.3	0.6	0.1	-	-	-	-	-	-	6.0	168
7.5 - 8.4	-	0.1	2.5	5.7	1.2	-	-	-	-	-	-	-	9.6	269
8.5 - 9.4	-	-	0.6	7.3	0.6	-	-	-	-	-	-	-	8.6	240
9.5 - 10.4	-	-	0.6	8.8	0.6	-	-	-	-	-	-	-	10.0	281

10.5 - 11.4	-	-	1.4	8.1	0.9	-	-	-	-	-	-	-	10.3	289
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	-	0.4	2.2	-	-	-	-	-	-	-	-	2.5	71
13.5 - 14.4	-	-	0.1	0.2	-	-	-	-	-	-	-	-	0.2	7
TOTAL %	2.0	4.3	15.9	41.4	8.6	4.2	0.7	2.5	2.1	5.6	9.4	3.5	100.0	
TOTAL N	55	120	444	1159	241	117	19	70	58	158	263	97		2801

(* < 0.05%)

STATION: 44013

7 - PERCENT FREQUENCY OF DOMINANT WAVE PERIOD (SECONDS) VS MEAN WAVE DIRECTION (TENS OF DEGREES)

Month: DEC

WAVE PERIOD	MEAN WAVE DIRECTION												TOT %	TOT N
	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
< 0.5	-	-	-	0.1	-	-	-	-	-	-	-	-	0.1	2
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	0.9	0.4	0.4	0.8	0.3	0.6	0.2	0.3	2.0	2.2	4.0	2.3	14.5	424
3.5 - 4.4	0.6	0.8	0.7	0.1	0.7	1.4	-	0.2	0.3	2.4	4.4	3.1	14.8	434
4.5 - 5.4	-	1.3	1.8	0.7	1.5	1.1	-	-	*	1.2	2.1	0.7	10.5	307
5.5 - 6.4	-	1.0	2.6	1.1	0.4	0.3	-	-	-	-	*	0.1	5.5	161
6.5 - 7.4	-	0.1	2.2	2.2	0.3	*	-	-	-	-	-	-	5.0	145
7.5 - 8.4	-	*	2.7	6.2	0.6	-	-	-	-	-	-	-	9.6	281
8.5 - 9.4	-	-	2.3	7.6	0.6	-	-	-	-	-	-	-	10.4	304
9.5 - 10.4	-	-	2.6	9.6	0.4	-	-	-	-	-	-	-	12.6	370
10.5 - 11.4	-	-	1.5	7.9	0.6	-	-	-	-	-	-	-	10.1	295
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	-	0.8	4.4	0.1	-	-	-	-	-	-	-	5.3	155
13.5 - 14.4	-	-	0.5	1.0	-	-	-	-	-	-	-	-	1.6	46
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	-	-	*	-	-	-	-	-	-	-	-	0.0	1
TOTAL %	1.5	3.5	18.1	41.9	5.7	3.5	0.2	0.6	2.4	5.9	10.6	6.2	100.0	
TOTAL N	44	103	529	1225	166	102	7	17	69	172	310	181		2925

(* < 0.05%)

STATION: 44013

7 - PERCENT FREQUENCY OF DOMINANT WAVE PERIOD (SECONDS) VS MEAN WAVE DIRECTION (TENS OF DEGREES)

All Months: Annual

WAVE PERIOD	MEAN WAVE DIRECTION												TOT %	TOT N
	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
< 0.5	*	-	*	0.2	*	-	-	-	-	*	-	-	0.2	76
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	0.6	0.5	0.5	1.3	0.9	1.8	0.7	1.2	0.9	1.6	2.3	1.2	13.6	4352
3.5 - 4.4	0.4	0.8	0.9	0.7	1.2	1.7	0.1	0.2	0.2	1.9	3.5	1.8	13.4	4305
4.5 - 5.4	*	0.9	1.8	1.9	1.0	0.7	*	-	*	0.5	1.0	0.2	7.9	2542
5.5 - 6.4	-	0.7	2.6	3.1	1.0	0.3	*	*	*	*	*	*	7.8	2511
6.5 - 7.4	-	0.2	2.0	4.7	1.0	*	-	-	-	*	-	-	7.9	2531
7.5 - 8.4	-	*	2.0	10.7	1.5	*	-	-	-	-	-	-	14.1	4532
8.5 - 9.4	-	-	1.1	9.0	0.9	-	-	-	-	*	-	-	11.0	3520
9.5 - 10.4	-	*	1.2	9.4	0.7	-	-	-	-	*	-	-	11.3	3607
10.5 - 11.4	-	*	0.9	6.7	0.5	-	-	-	-	-	-	-	8.1	2592
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	-	0.5	2.9	0.1	*	-	-	-	-	-	-	3.5	1121
13.5 - 14.4	-	-	0.2	0.7	*	-	-	-	-	-	-	-	1.0	318
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	-	*	0.1	-	-	-	-	-	-	-	-	0.1	31
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	-	*	*	-	-	-	-	-	-	-	-	0.0	4
TOTAL %	1.0	3.0	13.8	51.5	8.7	4.5	0.8	1.5	1.1	4.0	6.8	3.2	100.0	
TOTAL N	331	968	4425	16497	2794	1427	260	476	362	1288	2193	1021		32042

(* < 0.05%)

STATION: 44013

7 - PERCENT FREQUENCY OF DOMINANT WAVE PERIOD (SECONDS) VS MEAN WAVE DIRECTION (TENS OF DEGREES)

Months: DEC, JAN, FEB (Winter)

WAVE PERIOD	MEAN WAVE DIRECTION												TOT %	TOT N
	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
< 0.5	-	-	*	0.1	*	-	-	-	-	*	-	-	0.2	15
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	0.9	0.5	0.3	0.9	0.2	1.1	0.5	1.4	1.9	2.8	3.3	1.7	15.4	1302
3.5 - 4.4	0.7	0.9	0.4	0.2	0.6	1.5	0.1	0.5	0.5	3.9	5.8	2.9	18.1	1528

4.5 - 5.4	*	1.1	1.6	0.8	1.1	0.8	-	-	*	1.3	2.8	0.5	10.1	858
5.5 - 6.4	-	1.1	3.3	1.3	0.6	0.6	-	*	-	-	*	*	7.1	600
6.5 - 7.4	-	0.3	3.2	2.6	0.4	0.1	-	-	-	-	-	-	6.6	560
7.5 - 8.4	-	*	2.7	6.2	0.5	*	-	-	-	-	-	-	9.5	803
8.5 - 9.4	-	-	1.2	7.1	0.5	-	-	-	-	-	-	-	8.9	751
9.5 - 10.4	-	*	1.5	7.9	0.8	-	-	-	-	-	-	-	10.2	867
10.5 - 11.4	-	*	1.1	7.5	0.7	-	-	-	-	-	-	-	9.3	786
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	-	0.5	3.1	0.2	-	-	-	-	-	-	-	3.8	323
13.5 - 14.4	-	-	0.3	0.5	-	-	-	-	-	-	-	-	0.8	67
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	-	*	*	-	-	-	-	-	-	-	-	0.0	2

TOTAL %	1.7	3.9	16.2	38.4	5.6	4.1	0.6	1.9	2.4	8.0	12.0	5.1	100.0	
TOTAL N	146	332	1374	3249	476	351	51	161	200	677	1014	431		8462

(* < 0.05%)

STATION: 44013

7 - PERCENT FREQUENCY OF DOMINANT WAVE PERIOD(SECONDS) VS MEAN WAVE DIRECTION(TENS OF DEGREES)

Months: MAR, APR, MAY (Spring)

WAVE PERIOD	MEAN WAVE DIRECTION												TOT %	TOT N
	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
< 0.5	-	-	*	0.3	*	-	-	-	-	-	-	-	0.4	34
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	0.5	0.5	0.4	1.0	1.0	2.0	0.6	0.6	0.4	1.3	2.3	1.3	11.9	1028
3.5 - 4.4	0.2	0.8	0.5	0.8	1.6	2.8	0.3	0.2	0.1	1.8	3.8	1.9	14.7	1268
4.5 - 5.4	*	1.0	1.4	1.7	1.1	1.0	*	-	-	0.3	0.5	0.2	7.2	620
5.5 - 6.4	-	0.7	2.8	2.9	1.1	0.2	-	-	*	*	0.1	-	7.7	669
6.5 - 7.4	-	0.1	2.0	3.6	1.1	-	-	-	-	*	-	-	6.9	594
7.5 - 8.4	-	-	2.1	11.0	1.7	-	-	-	-	-	-	-	14.8	1281
8.5 - 9.4	-	-	1.4	10.1	0.9	-	-	-	-	-	-	-	12.3	1068
9.5 - 10.4	-	*	1.5	11.4	0.7	-	-	-	-	-	-	-	13.6	1178
10.5 - 11.4	-	-	1.0	6.6	0.3	-	-	-	-	-	-	-	7.9	685
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	-	0.4	2.0	*	-	-	-	-	-	-	-	2.4	205
13.5 - 14.4	-	-	-	0.2	-	-	-	-	-	-	-	-	0.2	18

TOTAL %	0.7	3.1	13.6	51.5	9.5	5.9	0.9	0.8	0.5	3.4	6.7	3.5	100.0	
TOTAL N	64	269	1177	4450	819	508	77	70	42	293	580	299		8648

(* < 0.05%)

STATION: 44013

7 - PERCENT FREQUENCY OF DOMINANT WAVE PERIOD(SECONDS) VS MEAN WAVE DIRECTION(TENS OF DEGREES)

Months: JUN, JUL, AUG (Summer)

WAVE PERIOD	MEAN WAVE DIRECTION												TOT %	TOT N
	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
< 0.5	-	-	-	*	-	-	-	-	-	-	-	-	0.0	3
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	0.2	0.5	0.6	2.1	1.8	2.9	1.0	1.0	0.4	0.5	0.9	0.5	12.3	891
3.5 - 4.4	0.1	0.5	1.6	1.6	1.8	1.3	0.1	0.1	-	0.1	0.3	0.3	7.8	563
4.5 - 5.4	-	0.4	1.6	3.2	0.7	0.1	-	-	*	*	*	-	6.1	440
5.5 - 6.4	-	0.1	1.0	5.8	1.8	-	*	*	*	0.1	*	-	9.0	649
6.5 - 7.4	-	*	0.5	10.0	1.8	-	-	-	-	-	-	-	12.3	892
7.5 - 8.4	-	-	0.5	19.1	2.5	-	-	-	-	-	-	-	22.1	1604
8.5 - 9.4	-	-	0.4	10.8	1.3	-	-	-	-	-	-	-	12.5	907
9.5 - 10.4	-	-	0.5	7.9	0.7	-	-	-	-	-	-	-	9.1	660
10.5 - 11.4	-	-	0.2	4.4	0.4	-	-	-	-	-	-	-	5.0	362
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	-	0.4	2.1	0.1	-	-	-	-	-	-	-	2.6	190
13.5 - 14.4	-	-	0.3	0.7	*	-	-	-	-	-	-	-	1.0	74
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	-	0.1	0.1	-	-	-	-	-	-	-	-	0.2	13

TOTAL %	0.3	1.4	7.8	67.9	13.0	4.2	1.1	1.1	0.4	0.8	1.3	0.8	100.0	
TOTAL N	21	102	562	4920	939	308	78	80	31	59	91	57		7248

(* < 0.05%)

STATION: 44013

7 - PERCENT FREQUENCY OF DOMINANT WAVE PERIOD(SECONDS) VS MEAN WAVE DIRECTION(TENS OF DEGREES)

Months: SEP, OCT, NOV (Autumn)

WAVE PERIOD	MEAN WAVE DIRECTION												TOT %	TOT N
	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
< 0.5	0.1	-	-	0.2	*	-	-	-	-	-	-	-	0.3	24
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	0.7	0.5	0.8	1.5	0.7	1.4	0.6	2.0	1.0	1.6	2.7	1.2	14.7	1131
3.5 - 4.4	0.5	0.9	1.2	0.5	1.0	1.1	0.1	0.1	0.2	1.5	3.4	1.7	12.3	946

4.5 - 5.4	-	1.0	2.7	2.1	1.0	0.6	-	-	*	0.2	0.5	0.1	8.1	624
5.5 - 6.4	-	0.8	3.1	2.8	0.8	0.2	-	-	-	*	-	-	7.7	593
6.5 - 7.4	-	0.3	2.0	3.3	0.6	0.1	-	-	-	-	-	-	6.3	485
7.5 - 8.4	-	*	2.3	7.4	1.2	-	-	-	-	-	-	-	11.0	844
8.5 - 9.4	-	-	1.3	8.3	0.8	-	-	-	-	*	-	-	10.3	794
9.5 - 10.4	-	-	1.1	10.1	0.6	-	-	-	-	*	-	-	11.7	902
10.5 - 11.4	-	-	1.2	8.2	0.5	-	-	-	-	-	-	-	9.9	759
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	-	0.9	4.3	*	*	-	-	-	-	-	-	5.2	403
13.5 - 14.4	-	-	0.4	1.6	0.1	-	-	-	-	-	-	-	2.1	159
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	-	*	0.2	-	-	-	-	-	-	-	-	0.2	16
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	-	*	*	-	-	-	-	-	-	-	-	0.1	4
TOTAL %	1.3	3.4	17.1	50.5	7.3	3.4	0.7	2.1	1.2	3.4	6.6	3.0	100.0	
TOTAL N	100	265	1312	3878	560	260	54	165	89	259	508	234		7684

(* < 0.05%)

STATION: 44013

8 - PERCENT FREQUENCY OF SIGNIFICANT WAVE HEIGHT (METERS) VS MEAN WAVE DIRECTION (TENS OF DEGREES)

Month: JAN

WAVE HEIGHT	MEAN WAVE DIRECTION												TOT %	TOT N
	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
< 0.5	0.1	0.5	0.9	3.2	0.5	0.7	0.1	0.2	0.2	0.9	0.5	0.1	7.8	229
0.5 - 1.4	1.8	3.7	7.6	22.1	3.6	2.9	0.4	2.0	2.3	7.8	10.5	3.6	68.3	1994
1.5 - 2.4	-	0.9	4.4	6.0	1.3	1.5	-	-	*	0.9	1.6	0.2	16.8	492
2.5 - 3.4	-	*	2.1	2.3	0.4	0.1	-	-	-	-	-	-	5.0	145
3.5 - 4.4	-	-	0.6	0.5	-	-	-	-	-	-	-	-	1.1	32
4.5 - 5.4	-	-	0.5	0.3	-	-	-	-	-	-	-	-	0.8	24
5.5 - 6.4	-	-	0.1	0.1	-	-	-	-	-	-	-	-	0.1	4
TOTAL %	2.0	5.1	16.1	34.4	5.9	5.2	0.5	2.2	2.5	9.6	12.6	3.9	100.0	
TOTAL N	57	150	470	1005	171	152	14	64	74	281	369	113		2920

(* < 0.05%)

STATION: 44013

8 - PERCENT FREQUENCY OF SIGNIFICANT WAVE HEIGHT (METERS) VS MEAN WAVE DIRECTION (TENS OF DEGREES)

Month: FEB

WAVE HEIGHT	MEAN WAVE DIRECTION												TOT %	TOT N
	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
< 0.5	0.2	0.3	2.4	8.8	0.9	1.0	0.3	0.5	0.3	0.3	0.2	0.1	15.2	399
0.5 - 1.4	1.6	2.0	4.6	21.6	3.5	2.5	0.8	2.6	1.9	7.7	10.9	4.5	64.3	1682
1.5 - 2.4	-	0.5	5.7	5.7	0.7	0.2	-	-	-	0.5	1.7	0.6	15.7	410
2.5 - 3.4	-	0.1	1.1	2.1	0.2	-	-	-	-	-	-	-	3.5	92
3.5 - 4.4	-	-	0.3	0.7	-	-	-	-	-	-	-	-	1.1	28
4.5 - 5.4	-	-	0.1	0.1	-	-	-	-	-	-	-	-	0.2	5
5.5 - 6.4	-	-	-	*	-	-	-	-	-	-	-	-	0.0	1
TOTAL %	1.7	3.0	14.3	38.9	5.3	3.7	1.1	3.1	2.2	8.6	12.8	5.2	100.0	
TOTAL N	45	79	375	1019	139	97	30	80	57	224	335	137		2617

(* < 0.05%)

STATION: 44013

8 - PERCENT FREQUENCY OF SIGNIFICANT WAVE HEIGHT (METERS) VS MEAN WAVE DIRECTION (TENS OF DEGREES)

Month: MAR

WAVE HEIGHT	MEAN WAVE DIRECTION												TOT %	TOT N
	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
< 0.5	*	0.6	1.7	8.0	0.8	0.8	0.2	0.1	0.1	0.3	0.3	0.2	13.0	379
0.5 - 1.4	1.1	3.2	11.6	29.2	5.7	3.1	0.1	0.4	0.3	4.7	7.9	4.1	71.5	2084
1.5 - 2.4	*	0.3	4.4	4.7	0.4	0.6	-	0.1	-	0.3	0.6	0.7	12.2	355
2.5 - 3.4	-	-	1.0	1.0	-	-	-	-	-	-	-	-	2.0	57
3.5 - 4.4	-	-	0.4	0.6	-	-	-	-	-	-	-	-	1.1	31
4.5 - 5.4	-	-	-	0.3	-	-	-	-	-	-	-	-	0.3	8
TOTAL %	1.2	4.0	19.1	43.8	6.9	4.5	0.3	0.6	0.4	5.4	8.8	5.0	100.0	
TOTAL N	35	118	557	1275	200	131	8	18	12	157	257	146		2914

(* < 0.05%)

STATION: 44013

8 - PERCENT FREQUENCY OF SIGNIFICANT WAVE HEIGHT (METERS) VS MEAN WAVE DIRECTION (TENS OF DEGREES)

Month: APR

WAVE HEIGHT	MEAN WAVE DIRECTION												TOT %	TOT N
	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		

< 0.5	0.1	0.6	3.0	17.3	2.7	1.9	0.2	0.1	0.3	0.2	0.4	0.2	26.9	762
0.5 - 1.4	0.4	3.0	5.5	25.1	8.8	5.3	1.0	0.7	0.2	1.4	5.3	3.3	60.1	1701
1.5 - 2.4	*	0.1	2.3	3.7	0.5	0.1	*	*	-	-	1.0	*	7.9	224
2.5 - 3.4	-	-	0.8	1.5	*	-	-	-	-	-	-	-	2.3	66
3.5 - 4.4	-	-	0.6	0.6	-	-	-	-	-	-	-	-	1.3	36
4.5 - 5.4	-	*	0.6	-	-	-	-	-	-	-	-	-	0.6	18
5.5 - 6.4	-	*	0.5	-	-	-	-	-	-	-	-	-	0.6	16
6.5 - 7.4	-	-	0.3	-	-	-	-	-	-	-	-	-	0.3	8
7.5 - 8.4	-	-	*	-	-	-	-	-	-	-	-	-	0.0	1
TOTAL %	0.5	3.8	13.7	48.2	12.0	7.2	1.2	0.9	0.5	1.6	6.7	3.5	100.0	
TOTAL N	14	108	389	1365	341	205	35	25	15	46	190	99		2832

(* < 0.05%)

STATION: 44013

8 - PERCENT FREQUENCY OF SIGNIFICANT WAVE HEIGHT(METERS) VS MEAN WAVE DIRECTION(TENS OF DEGREES)

Month: MAY

		MEAN WAVE DIRECTION												
WAVE HEIGHT	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
< 0.5	0.2	0.2	1.4	16.6	2.5	1.6	0.1	-	0.1	0.2	0.4	0.3	23.7	689
0.5 - 1.4	0.2	1.2	4.2	39.6	6.3	4.3	1.1	0.9	0.4	2.9	4.1	1.4	66.6	1934
1.5 - 2.4	*	0.1	2.1	5.6	0.7	*	-	-	-	*	*	0.2	8.8	256
2.5 - 3.4	-	-	0.2	0.5	-	-	-	-	-	-	-	-	0.7	19
3.5 - 4.4	-	-	0.1	0.1	-	-	-	-	-	-	-	-	0.1	4
TOTAL %	0.5	1.5	8.0	62.4	9.6	5.9	1.2	0.9	0.5	3.1	4.6	1.9	100.0	
TOTAL N	15	43	231	1810	278	172	34	27	15	90	133	54		2902

(* < 0.05%)

STATION: 44013

8 - PERCENT FREQUENCY OF SIGNIFICANT WAVE HEIGHT(METERS) VS MEAN WAVE DIRECTION(TENS OF DEGREES)

Month: JUN

		MEAN WAVE DIRECTION												
WAVE HEIGHT	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
< 0.5	-	0.4	2.9	37.2	8.2	1.5	0.1	-	0.2	0.1	0.3	*	51.0	1398
0.5 - 1.4	0.2	0.9	2.6	26.9	7.2	3.2	1.0	0.7	0.1	0.3	0.9	0.5	44.6	1223
1.5 - 2.4	-	-	0.6	3.3	0.3	-	-	-	-	-	-	-	4.2	115
2.5 - 3.4	-	-	0.1	0.1	-	-	-	-	-	-	-	-	0.1	4
TOTAL %	0.2	1.4	6.1	67.4	15.7	4.7	1.1	0.7	0.4	0.4	1.2	0.5	100.0	
TOTAL N	6	37	167	1848	431	130	31	20	10	12	33	15		2740

(* < 0.05%)

STATION: 44013

8 - PERCENT FREQUENCY OF SIGNIFICANT WAVE HEIGHT(METERS) VS MEAN WAVE DIRECTION(TENS OF DEGREES)

Month: JUL

		MEAN WAVE DIRECTION												
WAVE HEIGHT	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
< 0.5	0.1	0.1	3.5	47.3	9.2	1.7	0.3	0.1	0.2	0.3	0.4	0.2	63.5	1461
0.5 - 1.4	-	*	2.1	24.6	3.9	2.5	0.5	0.7	0.1	0.7	1.0	*	36.2	834
1.5 - 2.4	-	-	-	-	0.3	-	-	-	-	-	-	-	0.3	6
TOTAL %	0.1	0.2	5.6	71.9	13.4	4.2	0.8	0.9	0.3	1.1	1.4	0.2	100.0	
TOTAL N	2	4	129	1655	308	97	18	20	6	25	32	5		2301

(* < 0.05%)

STATION: 44013

8 - PERCENT FREQUENCY OF SIGNIFICANT WAVE HEIGHT(METERS) VS MEAN WAVE DIRECTION(TENS OF DEGREES)

Month: AUG

		MEAN WAVE DIRECTION												
WAVE HEIGHT	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
< 0.5	0.1	0.5	2.6	37.2	4.9	1.8	0.5	0.3	0.2	0.9	0.8	0.1	49.9	1102
0.5 - 1.4	0.5	2.0	7.5	24.8	3.9	1.9	0.8	1.5	0.5	0.1	0.4	1.6	45.4	1001
1.5 - 2.4	-	0.3	1.9	2.3	0.2	-	-	-	-	-	-	-	4.7	104
TOTAL %	0.6	2.8	12.1	64.2	9.1	3.7	1.3	1.8	0.7	1.0	1.2	1.7	100.0	
TOTAL N	13	61	266	1417	200	81	29	40	15	22	26	37		2207

(* < 0.05%)

STATION: 44013

8 - PERCENT FREQUENCY OF SIGNIFICANT WAVE HEIGHT(METERS) VS MEAN WAVE DIRECTION(TENS OF DEGREES)

Month: SEP

		MEAN WAVE DIRECTION												
WAVE HEIGHT	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

TOTAL %	1.0	3.0	13.8	51.5	8.7	4.5	0.8	1.5	1.1	4.0	6.8	3.2	100.0	
TOTAL N	331	968	4425	16497	2794	1427	260	476	362	1288	2193	1021		32042

(* < 0.05%)

STATION: 44013

8 - PERCENT FREQUENCY OF SIGNIFICANT WAVE HEIGHT (METERS) VS MEAN WAVE DIRECTION (TENS OF DEGREES)

Months: DEC, JAN, FEB (Winter)

WAVE HEIGHT	MEAN WAVE DIRECTION												TOT %	TOT N
	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
< 0.5	0.1	0.4	1.7	6.8	0.7	0.6	0.1	0.2	0.3	0.6	0.4	0.1	12.0	1017
0.5 - 1.4	1.6	2.8	6.7	20.3	3.6	2.8	0.5	1.7	2.0	6.7	9.9	4.5	63.1	5339
1.5 - 2.4	-	0.6	4.4	7.6	1.1	0.7	-	-	*	0.8	1.7	0.4	17.4	1471
2.5 - 3.4	-	0.1	1.8	2.6	0.3	*	-	-	-	-	-	-	4.8	410
3.5 - 4.4	-	-	0.9	0.8	*	-	-	-	-	-	-	-	1.6	139
4.5 - 5.4	-	-	0.6	0.2	-	-	-	-	-	-	-	-	0.9	72
5.5 - 6.4	-	-	0.1	*	-	-	-	-	-	-	-	-	0.2	13
6.5 - 7.4	-	-	*	-	-	-	-	-	-	-	-	-	0.0	1
TOTAL %	1.7	3.9	16.2	38.4	5.6	4.1	0.6	1.9	2.4	8.0	12.0	5.1	100.0	
TOTAL N	146	332	1374	3249	476	351	51	161	200	677	1014	431		8462

(* < 0.05%)

STATION: 44013

8 - PERCENT FREQUENCY OF SIGNIFICANT WAVE HEIGHT (METERS) VS MEAN WAVE DIRECTION (TENS OF DEGREES)

Months: MAR, APR, MAY (Spring)

WAVE HEIGHT	MEAN WAVE DIRECTION												TOT %	TOT N
	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
< 0.5	0.1	0.5	2.1	13.9	2.0	1.4	0.2	0.1	0.1	0.2	0.4	0.2	21.2	1830
0.5 - 1.4	0.6	2.5	7.1	31.4	6.9	4.2	0.7	0.7	0.3	3.0	5.8	2.9	66.1	5719
1.5 - 2.4	*	0.2	2.9	4.7	0.6	0.2	*	*	-	0.1	0.5	0.3	9.7	835
2.5 - 3.4	-	-	0.7	1.0	*	-	-	-	-	-	-	-	1.6	142
3.5 - 4.4	-	-	0.4	0.4	-	-	-	-	-	-	-	-	0.8	71
4.5 - 5.4	-	*	0.2	0.1	-	-	-	-	-	-	-	-	0.3	26
5.5 - 6.4	-	*	0.2	-	-	-	-	-	-	-	-	-	0.2	16
6.5 - 7.4	-	-	0.1	-	-	-	-	-	-	-	-	-	0.1	8
7.5 - 8.4	-	-	*	-	-	-	-	-	-	-	-	-	0.0	1
TOTAL %	0.7	3.1	13.6	51.5	9.5	5.9	0.9	0.8	0.5	3.4	6.7	3.5	100.0	
TOTAL N	64	269	1177	4450	819	508	77	70	42	293	580	299		8648

(* < 0.05%)

STATION: 44013

8 - PERCENT FREQUENCY OF SIGNIFICANT WAVE HEIGHT (METERS) VS MEAN WAVE DIRECTION (TENS OF DEGREES)

Months: JUN, JUL, AUG (Summer)

WAVE HEIGHT	MEAN WAVE DIRECTION												TOT %	TOT N
	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
< 0.5	0.1	0.4	3.0	40.4	7.5	1.7	0.3	0.1	0.2	0.4	0.5	0.1	54.6	3961
0.5 - 1.4	0.2	1.0	3.9	25.5	5.1	2.6	0.8	1.0	0.2	0.4	0.8	0.7	42.2	3058
1.5 - 2.4	-	0.1	0.8	1.9	0.3	-	-	-	-	-	-	-	3.1	225
2.5 - 3.4	-	-	*	*	-	-	-	-	-	-	-	-	0.1	4
TOTAL %	0.3	1.4	7.8	67.9	13.0	4.2	1.1	1.1	0.4	0.8	1.3	0.8	100.0	
TOTAL N	21	102	562	4920	939	308	78	80	31	59	91	57		7248

(* < 0.05%)

STATION: 44013

8 - PERCENT FREQUENCY OF SIGNIFICANT WAVE HEIGHT (METERS) VS MEAN WAVE DIRECTION (TENS OF DEGREES)

Months: SEP, OCT, NOV (Autumn)

WAVE HEIGHT	MEAN WAVE DIRECTION												TOT %	TOT N
	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
< 0.5	0.1	0.3	2.9	12.8	1.5	0.9	0.2	0.2	0.2	0.4	0.7	0.1	20.3	1561
0.5 - 1.4	1.2	2.7	9.0	29.9	4.6	2.2	0.5	1.9	0.9	2.9	5.5	2.8	64.2	4930
1.5 - 2.4	-	0.4	3.6	5.4	1.0	0.3	-	-	*	0.1	0.4	0.1	11.3	865
2.5 - 3.4	-	0.1	1.4	1.3	0.2	*	-	-	-	-	-	-	2.9	226
3.5 - 4.4	-	-	0.3	0.6	-	*	-	-	-	-	-	-	0.9	71
4.5 - 5.4	-	-	-	0.3	-	-	-	-	-	-	-	-	0.3	21
5.5 - 6.4	-	-	-	0.1	-	-	-	-	-	-	-	-	0.1	10
TOTAL %	1.3	3.4	17.1	50.5	7.3	3.4	0.7	2.1	1.2	3.4	6.6	3.0	100.0	
TOTAL N	100	265	1312	3878	560	260	54	165	89	259	508	234		7684

(* < 0.05%)