

STATION: 44013

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

ELEMENT: AIR TEMPERATURE (DEGREES C) -- POR: (8/1984 - 12/2001) (144541 RECORDS, 99.3% 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	F	CPF			
33	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	#			
32	-	-	-	-	-	-	-	-	-	-	-	-	2	#	-	-	-	-	-	-	-	-	-	-	-	-	2	#			
31	-	-	-	-	-	-	-	-	1	#	1	#	11	999	-	-	-	-	-	-	-	-	-	-	-	-	13	999			
30	-	-	-	-	-	-	-	-	-	-	4	999	20	999	7	#	-	-	-	-	-	-	-	-	-	-	31	999			
29	-	-	-	-	-	-	-	-	4	999	5	999	35	997	22	999	-	-	-	-	-	-	-	-	-	-	66	999			
28	-	-	-	-	-	-	-	-	4	999	17	999	48	994	40	998	1	#	-	-	-	-	-	-	-	-	110	999			
27	-	-	-	-	-	-	-	-	7	999	29	998	100	990	107	994	8	999	-	-	-	-	-	-	-	-	251	998			
26	-	-	-	-	-	-	1	#	14	999	57	995	133	982	128	986	26	999	-	-	-	-	-	-	-	-	359	997			
25	-	-	-	-	-	-	7	999	24	997	96	991	275	971	213	975	31	997	-	-	-	-	-	-	-	-	646	994			
24	-	-	-	-	-	-	5	999	30	995	162	983	400	948	401	958	69	994	2	#	-	-	-	-	-	-	1069	990			
23	-	-	-	-	-	-	7	999	34	993	217	969	529	915	578	925	129	988	7	999	-	-	-	-	-	-	1501	982			
22	-	-	-	-	-	-	6	998	68	990	346	951	694	871	839	878	210	977	10	999	-	-	-	-	-	-	2173	972			
21	-	-	-	-	-	-	11	998	96	984	542	923	1224	813	1415	809	394	959	44	998	3	#	-	-	-	-	3729	957			
20	-	-	-	-	1	#	15	997	127	976	780	878	1673	712	2155	693	741	924	80	995	7	999	-	-	-	-	5579	931			
19	-	-	-	-	2	999	12	996	148	966	846	813	1629	573	1696	516	837	859	121	988	6	999	-	-	-	-	5297	893			
18	-	-	-	-	5	999	14	995	230	953	1227	743	2226	438	2104	378	1470	786	250	979	23	999	1	#	7550	856					
17	-	-	-	-	8	999	34	994	302	934	1354	642	1572	253	1349	205	1625	657	423	959	51	997	1	999	6719	804					
16	-	-	2	#	21	999	42	991	412	909	1546	529	838	122	746	95	1701	515	620	925	94	992	8	999	6030	757					
15	-	-	4	999	33	997	83	987	567	874	1138	401	393	53	267	34	1441	366	881	875	177	984	19	999	5003	715					
14	3	#	9	999	33	994	100	980	757	827	1324	307	127	20	91	12	1083	240	1204	804	315	969	50	998	5096	681					
13	14	999	9	999	56	992	128	972	1149	764	1058	197	74	10	42	5	841	145	1767	707	435	942	84	994	5657	646					
12	43	999	10	998	82	987	219	962	1097	667	607	110	16	4	9	1	287	72	1398	564	415	904	106	988	4289	606					
11	43	995	47	997	115	981	376	943	1488	576	551	60	23	2	4	*	251	47	1576	452	812	869	235	979	5521	577					
10	73	991	57	993	149	971	575	912	1475	451	121	14	3	*	-	-	155	25	1250	325	1014	799	261	962	5133	539					
9	113	985	87	988	281	959	877	865	1549	328	42	4	1	*	-	-	75	11	968	224	1091	712	405	942	5489	503					
8	196	976	145	980	323	937	1243	792	1196	198	6	*	-	-	-	-	30	5	714	146	1143	618	567	911	5563	465					
7	283	960	215	966	469	911	1791	689	732	98	-	-	-	-	-	-	16	2	484	89	1108	520	826	868	5924	427					
6	593	937	350	947	760	873	2056	541	315	37	-	-	-	-	-	-	4	1	327	50	1191	425	1173	805	6769	386					
5	525	888	546	915	898	812	1546	371	95	10	-	-	-	-	-	-	2	*	144	23	868	322	967	715	5591	339					
4	931	844	1052	866	1610	740	1469	243	20	2	-	-	-	-	-	-	-	-	70	12	836	248	1180	641	7168	300					
3	836	767	995	771	1637	611	774	121	8	1	-	-	-	-	-	-	-	-	56	6	639	176	1079	551	6024	251					
2	1031	698	965	680	1622	479	358	57	-	-	-	-	-	-	-	-	-	-	15	1	473	121	1086	469	5550	209					
1	996	613	975	593	1075	349	201	28	-	-	-	-	-	-	-	-	-	-	3	*	342	80	888	386	4480	170					
0	923	531	862	505	807	262	62	11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	186	51	827	319	3667	139
-1	794	454	749	427	684	197	19	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	136	35	626	256	3008	114			
-2	828	389	712	359	498	142	26	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	93	23	530	208	2687	93			
-3	709	320	617	294	384	102	12	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	86	15	500	168	2308	75			
-4	654	262	573	239	270	71	8	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	37	8	385	129	1927	59			
-5	476	208	530	187	245	50	5	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	25	4	340	100	1621	45			
-6	373	168	388	139	126	30	2	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	24	2	254	74	1167	34			
-7	411	137	336	104	94	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	*	216	55	1060	26			
-8	308	103	238	73	51	12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	178	38	775	19		
-9	282	78	180	52	40	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	128	25	630	13		
-10	174	55	111	35	22	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	88	15	395	9		
-11	140	40	99	25	19	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	48	8	306	6		
-12	132	29	64	16	12	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	18	5	226	4		
-13	101	18	50	10	10	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15	3	176	3		
-14	56	9	36	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16	2	108	1		
-15	33	5	14	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11	1	58	1		
-16	11	2	6	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	17	*		
-17	5	1	9	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14	*		
-18	6	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	*		
-19	3	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	*		
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						
S.D.	5.1		4.7		4.0		3.1		3.6		3.4		2.8		2.6		2.9		3.2		4.0		4.9		8.0						
TOTAL	12099		11042		12442		12084		11949		12076		12046		12213		11427		12414		11633		13116		144541						
MAX	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						
DATE	1995011519		1985022421		1989032822		1990042816		1987053118		1988061521		1989072619		1987081722		1991091620		1986100100		1990110319		1984122920		1989072619						
MIN	-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						
DATE	1988011414		1987021511		1989030714		1995040513		1986050411		1986060309		1988070111		1986082910		1991093012		1988103111		1987112122		1987123012		1988011414						

(* < 0.05% , # = 100.0%)

STATION: 44013

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

ELEMENT: SEA TEMPERATURE (DEGREES C) -- POR: (8/1984 - 12/2001) (133636 RECORDS, 91.8% HAVE ELEMENT)

	JAN		FEB		MAR	
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-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)

Table with columns for months (JAN to ANN) and data rows for years 1999-2001. Includes summary rows for MEAN, S.D., TOTAL, and MAX. Includes min and date information at the bottom.

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)

Table with columns for months (JAN to ANN) and data rows for years 1984-2001. Includes summary rows for MEAN, S.D., TOTAL, and MAX. Includes min and date information at the bottom.

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	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	-	-	-	-	-	-	1	999	-										

Table with 20 columns representing years from 1984 to 2001 and 20 rows representing months from 01 to 04. Each cell contains numerical data.

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
S.D. 7.0 6.9 6.8 6.2 5.2 4.6 3.9 4.3 5.3 6.3 6.4 7.1 6.5
TOTAL 12023 11049 12459 11618 11210 11072 10344 10226 9525 11585 10820 12877 134808

MAX 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
DATE 1992011507 1995020421 1993031323 1991042115 1994050517 1991061221 2001070103 1991081919 1985092720 1991103102 1989112117 1992121210 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 2001020301 2000033117 2001042004 2000050909 2000062908 2000070723 2000083116 2001092803 2000100116 2000112520 1999120320 2001092803

(* < 0.05% , # = 100.0%)

STATION: 44013

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

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

ELEMENT: PEAK WIND GUST (KNOTS) -- POR: (8/1984 - 12/2001) (134621 RECORDS, 92.5% HAVE ELEMENT)

Table with 14 columns for months (JAN to DEC) and 1 column for ANN (Annual). Each month has two sub-columns for F and CPF. Rows represent wind gust speeds from 36 to 63.

Table with 18 columns and 46 rows of numerical data, including a summary row with MEAN, S.D., TOTAL, and MAX values.

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)

Table with 13 columns (JAN to ANN) and 28 rows of wind gust frequency data, with sub-columns for Frequency (F) and Cumulative Percent Frequency (CPF).

25	93	744	57	793	56	826	31	901	36	953	15	974	10	991	11	990	23	955	81	879	103	818	124	749	640	880
24	89	713	81	765	64	800	46	887	25	941	9	969	16	987	14	987	25	947	90	851	115	788	131	715	705	861
23	160	683	87	725	53	771	45	865	40	932	10	965	16	982	26	982	44	938	100	821	119	753	152	680	852	841
22	124	629	69	682	72	746	65	844	43	918	31	962	14	977	15	973	46	923	111	787	130	718	118	639	838	815
21	130	587	73	647	82	713	45	813	50	904	27	951	15	972	33	968	53	907	108	749	130	679	125	607	871	791
20	123	543	72	611	93	675	69	792	52	887	28	941	22	967	40	957	57	888	118	713	162	640	157	573	993	765
19	153	501	79	575	107	632	80	759	77	869	52	931	44	959	65	944	89	868	133	673	203	591	162	530	1244	736
18	114	449	76	536	80	582	66	722	85	843	48	913	49	945	50	923	77	837	117	628	152	531	152	486	1066	699
17	124	411	74	499	105	545	81	691	115	813	54	896	50	928	62	906	104	810	140	588	145	485	150	445	1204	667
16	126	369	64	462	112	497	104	653	107	774	99	877	103	911	68	885	116	774	142	541	139	442	153	404	1333	632
15	138	326	83	430	90	445	110	604	135	738	119	842	86	876	94	863	135	733	150	493	117	400	164	363	1421	592
14	103	280	73	389	95	403	110	552	166	691	145	800	118	847	115	832	156	686	152	442	139	365	155	319	1527	550
13	107	245	92	353	100	359	107	500	193	635	154	749	181	807	170	793	163	632	171	390	139	323	184	276	1761	505
12	128	209	116	307	140	313	141	450	267	569	227	694	280	746	238	737	237	575	208	332	173	282	168	227	2323	453
11	87	166	70	250	105	248	100	383	202	478	247	614	266	651	218	658	225	492	164	262	154	230	137	181	1975	384
10	85	136	81	215	85	200	130	336	199	409	245	527	310	561	230	585	226	413	124	206	138	184	129	144	1982	326
9	77	107	73	175	102	160	114	275	197	341	277	440	316	456	295	509	243	334	131	164	133	143	122	109	2080	267
8	76	81	66	138	68	113	109	221	185	273	256	342	253	349	280	411	192	249	104	120	111	103	83	76	1783	206
7	39	56	64	106	55	82	117	170	184	210	235	252	247	264	315	318	169	182	80	85	77	70	61	53	1643	153
6	46	43	51	74	49	56	98	115	164	147	190	169	206	180	245	213	149	123	69	58	68	47	52	37	1387	105
5	46	27	52	49	36	34	91	69	152	91	165	101	202	111	211	132	90	71	64	34	44	26	45	23	1198	64
4	25	11	31	23	20	17	27	26	67	39	71	43	84	42	110	61	66	40	22	13	31	13	22	11	576	28
3	7	3	9	7	12	8	20	13	29	16	31	18	31	14	46	25	29	17	10	5	11	4	10	5	245	11
2	2	1	6	3	4	2	7	4	16	6	16	7	10	3	21	10	12	7	4	2	1	1	7	2	106	4
1	-	-	-	-	1	*	1	*	3	1	1	1	-	-	6	3	6	2	1	*	1	*	-	-	20	1
0	-	-	-	-	-	-	-	-	-	-	3	1	-	-	2	1	1	*	-	-	-	-	-	-	6	*

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
S.D. 8.7 8.6 8.3 7.6 6.2 5.6 4.5 4.8 6.3 7.3 7.6 8.8 8.0
TOTAL 2959 2016 2162 2124 2927 2829 2956 3009 2862 2952 3342 3689 33827
MAX 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
DATE 2000011711 2000021417 2000031713 1998041008 2000051820 2000060703 1999070622 2001080322 1999091716 1999101416 1997112714 2000121804 2000121804
MIN 2.1 1.6 1.4 1.4 1.0 0.0 0.0 1.9 0.0 0.4 1.4 1.0 1.6 0.0
DATE 1999012718 1998022809 1999032707 1999040301 1999050207 1999062519 2001072006 1999080519 2000091413 1999103004 2000112821 1997121618 1999080519
(* < 0.05% , # = 100.0%)

STATION: 44013

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

ELEMENT: SIGNIFICANT WAVE HEIGHT (METERS) -- POR: (6/1986 - 12/2001) (128477 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
10.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	#
9.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	#
9.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	#	-	-	-	-	1	#
8.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999
8.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	999	-	-	-	-	2	999
7.5	-	-	-	-	1	#	4	#	-	-	-	-	-	-	-	-	-	-	6	999	-	-	2	#	13	999
7.0	-	-	-	-	3	999	3	999	-	-	-	-	-	-	-	-	-	-	3	999	-	-	3	999	12	999
6.5	-	-	-	-	19	999	3	999	-	-	-	-	-	-	-	-	-	-	-	-	1	#	15	999	38	999
6.0	2	#	1	#	16	998	10	999	-	-	-	-	-	-	-	-	-	-	3	999	1	999	18	998	51	999
5.5	5	999	11	999	22	996	12	998	-	-	1	#	-	-	-	-	-	-	11	999	3	999	26	997	91	999
5.0	23	999	25	999	34	994	9	997	-	-	1	999	-	-	-	-	-	-	18	998	3	999	25	994	138	998
4.5	38	997	31	996	49	991	14	996	-	-	6	999	-	-	-	-	4	#	32	996	7	999	66	992	247	997
4.0	60	994	66	993	94	987	39	995	4	#	5	999	-	-	1	#	16	999	42	993	31	999	72	987	430	995
3.5	114	988	114	986	91	978	95	991	24	999	5	999	-	-	2	999	41	998	90	989	63	995	118	980	757	992
3.0	256	977	185	974	113	970	137	982	46	997	5	998	-	-	1	999	50	994	123	981	138	989	184	970	1238	986
2.5	305	953	301	955	321	960	322	969	74	993	30	998	-	-	3	999	47	989	213	969	259	976	386	954	2261	977
2.0	583	924	526	924	722	930	502	939	266	987	128	995	21	#	107	999	186	984	349	950	522	950	716	921	4628	959
1.5	1260	869	1272	870	1515	864	1075	892	738	962	470	984	134	998	388	989	640	965	919	918	993	899	1159	859	10563	923
1.0	2771	749	2708	739	3088	726	2594	791	2561	895	1215	942	502	986	1080	954	1885	901	2617	833	2564	801	2692	759	26277	841
0.5	4368	486	3976	459	4430	444	5240	547	6604	662	7910	834	8317	941	7615	854	6074	710	5651	591	4538	549	5337	527	70060	636
0.0	756	72	474	49	432	39	590	55	658	60	1476	131	2131	192	1626	150	966	97	755	70	1045	103	761	66	11670	91
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	
S.D.	0.8		0.8		0.8		0.7		0.5		0.4		0.2		0.3		0.5		0.7		0.7		0.9		0.7	
TOTAL	10541		9690		10950		10649		10975		11252		11105		10823		9909		10835		10168		11580		128477	
MAX	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	
DATE	1996010821		1998022421		2001030613		1997041915		1998051122		2000060705		1996071323		1991081920		1996090217		1991103102		1995111503		1992121303		1991103102	
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	1999010309		1994022201		1989030320		2001042513		1996052722		1998060809		2001070108		1991081603		1992090316		2000101409		2001111509		1998121400		2001111509	

(* < 0.05% , # = 100.0%)

STATION: 44013

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

ELEMENT: AVERAGE WAVE PERIOD (SECONDS) -- POR: (6/1986 - 12/2001) (128477 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	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															
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															

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	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	#	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															
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															

ELEMENT SUMMARY FOR STATION: 44013

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

(D) ELEMENT RECORDS AVAILABLE AIR TMP SEA TMP AIR-SEA DEWPT SLP AVWS PKGS-8M PKGS-5S SIGWVHT AVWVPD DWVPD VSBY
 144541 133636 133522 22734 144583 134808 134621 33827 128477 128477 128470 0
 (E) ELEMENT OUT OF RANGE 968 11873 11987 122775 926 10701 10888 171367 17032 17032 17039 145509

STATION: 44013 -- POR (8/1984 - 12/2001)

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

ELEMENT: AIR TEMPERATURE (DEGREES C)

YEAR	ELEMENT	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	
1984	MEAN	-	-	-	-	-	-	-	19.9	15.7	12.3	7.1	3.9	11.3	
	MAXIMUM	-	-	-	-	-	-	-	28.1	25.7	21.6	17.5	18.4	28.1	
	DAY-HR	-	-	-	-	-	-	-	16-20	24-19	20-19	02-14	29-20	29-20	AUG
	MINIMUM	-	-	-	-	-	-	-	15.1	7.0	4.4	-3.2	-9.6	-9.6	
	DAY-HR	-	-	-	-	-	-	-	21-12	27-11	06-11	20-12	27-10	27-10	DEC
	# OBS	-	-	-	-	-	-	-	552	711	739	717	740	740	3459
1985	MEAN	-3.6	0.3	3.2	7.0	12.2	15.5	20.0	19.0	16.9	12.3	7.6	0.3	9.3	
	MAXIMUM	6.7	15.7	17.6	23.6	27.6	23.2	30.3	29.2	26.7	20.9	17.7	13.9	30.3	
	DAY-HR	02-01	24-21	28-21	30-20	11-19	10-22	20-21	15-21	20-20	01-20	10-22	02-13	02-13	JUL
	MINIMUM	-13.0	-12.9	-7.6	-2.7	4.8	10.4	10.5	12.5	9.7	2.2	-2.6	-11.5	-11.5	-13.0
	DAY-HR	21-12	09-00	04-11	10-10	04-10	13-05	01-09	31-17	13-11	29-13	26-11	19-13	19-13	JAN
	# OBS	741	672	741	704	732	719	741	742	717	743	719	744	744	8715
1986	MEAN	-0.4	-1.6	3.0	6.9	10.4	16.2	18.9	19.1	15.4	11.8	6.2	2.7	9.0	
	MAXIMUM	12.5	6.3	17.4	15.3	23.5	27.2	29.6	26.1	24.9	24.1	17.4	14.0	29.6	
	DAY-HR	18-21	02-19	30-19	01-20	30-18	28-19	07-23	04-19	30-22	01-00	09-19	03-16	03-16	JUL
	MINIMUM	-16.4	-10.1	-13.1	2.4	2.7	7.8	12.8	10.5	8.2	4.0	-6.0	-6.7	-6.7	-16.4
	DAY-HR	15-14	26-14	08-12	11-12	04-11	03-09	04-10	29-10	16-14	31-11	14-11	14-10	14-10	JAN
	# OBS	741	671	740	716	186	718	736	735	719	739	717	741	741	8159
1987	MEAN	-0.6	-1.5	2.5	6.1	12.0	17.1	19.7	20.2	-	10.5	6.9	2.5	8.4	
	MAXIMUM	8.5	6.3	14.1	17.0	30.5	26.5	31.2	30.3	-	17.5	20.3	11.4	31.2	
	DAY-HR	15-23	07-21	08-17	12-19	31-18	30-21	24-23	17-22	-	18-20	04-17	09-19	09-19	JUL
	MINIMUM	-10.4	-17.1	-9.7	0.4	5.1	10.9	14.4	16.0	-	4.0	-7.3	-15.1	-15.1	-17.1
	DAY-HR	25-10	15-11	10-14	02-09	06-04	03-06	03-12	12-12	-	26-11	21-22	30-12	30-12	FEB
	# OBS	728	671	736	719	742	717	744	508	-	603	680	741	741	7589
1988	MEAN	-1.7	0.2	2.9	6.4	11.4	16.9	19.6	21.0	16.3	10.0	9.5	-0.1	9.6	
	MAXIMUM	11.6	11.0	16.7	13.8	24.4	30.8	30.8	30.0	24.2	21.8	16.0	11.0	30.8	
	DAY-HR	31-21	01-21	24-21	27-22	23-22	15-21	11-19	13-23	02-20	01-19	06-20	07-19	07-19	JUL
	MINIMUM	-19.0	-11.7	-10.9	2.1	4.7	7.9	9.0	12.9	8.4	1.1	4.4	-14.8	-14.8	-19.0
	DAY-HR	14-14	07-12	21-12	13-16	03-08	02-15	01-11	22-10	29-12	31-11	01-05	12-08	12-08	JAN
	# OBS	740	692	741	716	740	718	743	741	716	743	220	550	550	8060
1989	MEAN	-1.5	-2.6	1.7	5.7	12.1	16.7	19.8	19.5	16.9	12.0	6.5	-5.0	9.5	
	MAXIMUM	9.1	5.7	19.9	12.1	22.2	28.1	32.1	26.8	24.8	21.4	18.1	6.4	32.1	
	DAY-HR	08-19	22-17	28-22	27-18	27-16	27-18	26-19	16-19	11-17	28-19	16-18	07-06	07-06	JUL
	MINIMUM	-14.4	-9.7	-13.1	-0.2	6.4	11.4	15.2	13.3	6.7	5.0	-6.4	-14.6	-14.6	-14.6
	DAY-HR	05-06	10-09	07-14	23-10	02-09	01-05	18-10	25-11	27-11	10-11	24-11	22-13	22-13	DEC
	# OBS	320	315	714	717	737	702	732	715	712	737	718	738	738	7857
1990	MEAN	2.2	0.9	3.0	7.0	10.5	16.0	19.8	20.7	16.8	13.3	7.9	4.4	10.3	
	MAXIMUM	11.9	14.5	18.0	25.7	21.7	25.3	29.4	30.0	26.6	23.8	21.1	14.8	30.0	
	DAY-HR	26-06	23-18	13-19	28-16	09-18	22-21	18-18	03-20	02-20	07-20	03-19	24-02	24-02	AUG
	MINIMUM	-9.1	-15.2	-8.5	-0.4	5.4	10.5	14.2	14.1	8.3	2.4	-2.2	-6.2	-6.2	-15.2
	DAY-HR	14-13	26-12	07-12	07-14	06-03	05-09	13-00	19-17	18-10	27-12	13-12	27-13	27-13	FEB
	# OBS	740	667	732	708	738	710	736	743	718	742	718	742	742	8694
1991	MEAN	-0.5	1.6	3.8	8.0	14.0	18.0	20.8	20.3	16.2	12.4	7.2	2.4	10.4	
	MAXIMUM	8.4	15.0	18.8	24.6	25.6	29.1	31.2	30.1	28.2	21.4	17.5	14.5	31.2	
	DAY-HR	20-20	05-20	28-20	07-21	25-18	28-22	23-20	30-20	16-20	02-20	20-20	01-05	01-05	JUL
	MINIMUM	-13.5	-12.7	-4.5	2.1	7.1	10.3	14.9	13.4	5.2	3.5	-1.1	-10.8	-10.8	-13.5
	DAY-HR	22-14	12-13	11-04	02-00	18-09	05-14	01-10	21-12	30-12	29-12	27-12	17-13	17-13	JAN
	# OBS	742	671	743	717	743	714	742	734	711	744	719	743	743	8723
1992	MEAN	-0.3	-0.3	0.9	5.7	10.5	16.6	18.1	18.6	15.9	10.7	6.0	2.0	8.7	
	MAXIMUM	12.2	10.3	12.5	19.5	28.1	26.8	28.2	27.3	26.5	20.4	15.7	11.9	28.2	
	DAY-HR	14-20	16-19	05-21	23-19	23-18	13-20	18-20	25-18	18-17	03-21	13-10	18-00	18-00	JUL
	MINIMUM	-13.5	-13.2	-12.7	-0.8	4.4	8.6	11.9	14.4	7.3	3.9	-1.1	-11.0	-11.0	-13.5
	DAY-HR	17-07	12-14	01-05	13-12	07-01	01-21	07-12	21-10	30-11	01-10	09-11	25-05	25-05	JAN
	# OBS	740	688	737	719	744	720	741	734	714	740	713	741	741	8731
1993	MEAN	-0.1	-3.3	0.9	6.3	12.6	16.6	20.1	19.9	16.2	10.7	7.6	2.2	9.2	
	MAXIMUM	12.9	8.2	10.3	17.0	26.5	27.5	31.9	29.3	27.1	19.2	16.2	10.5	31.9	
	DAY-HR	05-15	17-03	26-17	26-16	11-19	18-20	07-19	27-18	03-20	02-20	15-20	21-21	21-21	JUL
	MINIMUM	-11.7	-14.0	-11.7	-0.3	4.8	9.0	14.9	14.4	7.3	4.6	-3.8	-11.9	-11.9	-14.0
	DAY-HR	31-06	07-10	15-13	03-13	01-19	06-20	02-06	22-11	20-10	11-11	25-15	27-13	27-13	FEB
	# OBS	732	669	728	712	743	715	729	741	708	742	718	744	744	8681
1994	MEAN	-3.8	-2.5	1.9	7.0	10.2	15.9	20.0	18.8	16.1	12.1	9.3	4.4	9.2	
	MAXIMUM	9.9	9.5	11.0	16.7	19.0	22.9	26.7	25.0	22.6	18.8	18.0	12.9	26.7	
	DAY-HR	28-23	20-20	23-20	27-22	31-19	19-16	21-22	04-20	17-19	09-21	04-21	04-20	04-20	JUL
	MINIMUM	-17.9	-13.2	-6.0	1.6	6.2	10.2	15.3	14.1	11.8	7.4	-2.9	-8.6	-8.6	-17.9
	DAY-HR	16-14	10-15	01-11	02-17	20-01	03-08	01-11	06-07	06-04	11-14	24-12	30-12	30-12	JAN

	# 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	0.2	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	0.4	0.6	0.5	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	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	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	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	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 %	23.6	57.0	12.9	4.8	1.2	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	

TOTAL N 2490 6012 1358 505 127 45 4 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	100.0	
TOTAL N	3570	6622	671	99	13	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

		WAVE HEIGHT														TOT %	TOT N	
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		
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	-	0.9	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
		5.9	3.1	0.1	-	-	-	-	-	-	-	-	-	-	-	-		
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

		WAVE HEIGHT														TOT %	TOT N	
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		
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	-	0.9	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		16	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
		11.7	3.3	-	-	-	-	-	-	-	-	-	-	-	-	-		
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

		WAVE HEIGHT														TOT %	TOT N	
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		
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	-	1.1	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	7
> 48		-	-	*	*	*	-	-	-	-	-	-	-	-	-	-	0.1	7
		12.0	5.5	0.6	-	-	-	-	-	-	-	-	-	-	-	-	18.2	1965
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

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	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

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	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

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	-	0.5	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

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	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	-	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	-	0.3	26
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	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	0.5- 0.5 - 1.4	1.5- 1.5 - 2.4	2.5- 2.5 - 3.4	3.5- 3.5 - 4.4	4.5- 4.5 - 5.4	5.5- 5.5 - 6.4	6.5- 6.5 - 7.4	7.5- 7.5 - 8.4	8.5- 8.5 - 9.4	9.5- 9.5 - 10.4	10.5- 10.5 - 11.4	11.5- >13.4	12.5- >13.4	13.4- >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	0.5- 0.5 - 1.4	1.5- 1.5 - 2.4	2.5- 2.5 - 3.4	3.5- 3.5 - 4.4	4.5- 4.5 - 5.4	5.5- 5.5 - 6.4	6.5- 6.5 - 7.4	7.5- 7.5 - 8.4	8.5- 8.5 - 9.4	9.5- 9.5 - 10.4	10.5- 10.5 - 11.4	11.5- >13.4	12.5- >13.4	13.4- >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	0.5- 0.5 - 1.4	1.5- 1.5 - 2.4	2.5- 2.5 - 3.4	3.5- 3.5 - 4.4	4.5- 4.5 - 5.4	5.5- 5.5 - 6.4	6.5- 6.5 - 7.4	7.5- 7.5 - 8.4	8.5- 8.5 - 9.4	9.5- 9.5 - 10.4	10.5- 10.5 - 11.4	11.5- >13.4	12.5- >13.4	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	0.3	26
0.5 - 1.4	0.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	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	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	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	*	-	-	-	-	-	-	-	-	-	-	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

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	0.2	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

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	-	0.4	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

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	0.1	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

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	2.6	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

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		

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)

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	0.4	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)

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	2.1	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)

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	0.4	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)

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	0.3	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%)