

STATION: 45010

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

ELEMENT: AIR TEMPERATURE (DEGREES C) -- POR: (6/1993 - 11/1995) (11862 RECORDS, 100.0% HAVE ELEMENT)

	JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC		ANN		
	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	
31	-	-	-	-	-	-	-	-	-	-	-	-	1	#	-	-	-	-	-	-	-	-	-	-	-	1	#
30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999
29	-	-	-	-	-	-	-	-	-	-	-	-	4	999	6	#	-	-	-	-	-	-	-	-	-	10	999
28	-	-	-	-	-	-	-	-	-	-	-	-	7	998	11	997	-	-	-	-	-	-	-	-	-	18	999
27	-	-	-	-	-	-	-	-	-	-	-	-	6	995	21	992	-	-	-	-	-	-	-	-	-	27	998
26	-	-	-	-	-	-	-	-	-	-	1	#	5	992	33	983	-	-	-	-	-	-	-	-	-	39	995
25	-	-	-	-	-	-	-	-	-	1	999	15	990	53	968	6	#	-	-	-	-	-	-	-	-	75	992
24	-	-	-	-	-	-	-	-	-	3	998	37	983	134	944	23	997	-	-	-	-	-	-	-	-	197	986
23	-	-	-	-	-	-	-	-	1	#	29	995	52	966	258	883	44	986	-	-	-	-	-	-	-	384	969
22	-	-	-	-	-	-	-	-	-	80	967	109	943	302	767	66	966	2	#	-	-	-	-	-	-	559	937
21	-	-	-	-	-	-	-	-	3	999	94	890	199	894	243	630	62	935	7	999	-	-	-	-	-	608	890
20	-	-	-	-	-	-	-	-	8	996	93	800	428	804	315	521	78	906	18	996	-	-	-	-	-	940	838
19	-	-	-	-	-	-	-	-	11	988	63	710	406	611	192	378	118	870	22	988	-	-	-	-	-	812	759
18	-	-	-	-	-	-	-	-	6	977	67	649	404	428	261	291	202	815	25	978	-	-	-	-	-	965	691
17	-	-	-	-	-	-	-	-	16	971	78	585	247	246	143	174	294	720	59	967	-	-	-	-	-	837	609
16	-	-	-	-	-	-	-	-	23	955	133	510	162	135	129	109	268	583	93	940	-	-	-	-	-	808	539
15	-	-	-	-	-	-	-	-	33	932	134	382	105	62	83	51	194	458	151	898	-	-	-	-	-	700	471
14	-	-	-	-	-	-	-	-	53	899	45	252	27	14	21	13	184	368	215	830	1	#	-	-	-	546	412
13	-	-	-	-	-	-	-	-	54	846	48	209	5	2	8	4	182	282	222	733	1	999	-	-	-	520	366
12	-	-	-	-	-	-	-	-	53	793	27	163	-	-	-	-	134	197	139	633	7	997	-	-	-	360	322
11	-	-	-	-	-	-	2	#	74	740	49	137	-	-	-	-	112	134	215	570	17	988	-	-	-	469	291
10	-	-	-	-	-	1	993	119	666	29	90	-	-	-	-	60	82	221	473	65	966	-	-	-	495	252	
9	-	-	-	-	-	5	989	119	547	47	62	-	-	-	-	48	54	217	373	69	881	-	-	-	505	210	
8	-	-	-	-	-	3	970	109	429	14	16	-	-	-	-	29	32	150	275	110	790	-	-	-	415	168	
7	-	-	-	-	-	23	959	128	320	3	3	-	-	-	-	23	18	120	207	37	646	-	-	-	334	133	
6	-	-	-	-	-	56	874	125	192	-	-	-	-	-	-	12	7	122	153	53	597	-	-	-	368	104	
5	-	-	-	-	-	72	665	51	68	-	-	-	-	-	-	4	2	98	98	42	528	-	-	-	267	73	
4	-	-	-	-	-	79	398	17	17	-	-	-	-	-	-	-	-	60	54	62	472	-	-	-	218	51	
3	-	-	-	-	-	28	104	-	-	-	-	-	-	-	-	-	-	23	27	41	391	-	-	-	92	32	
2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	25	16	44	337	-	-	-	69	25
1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11	5	19	280	-	-	-	30	19
0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	32	255	-	-	-	-	32	16
-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	30	213	-	-	-	-	30	14
-2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	60	173	-	-	-	-	60	11
-3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	31	94	-	-	-	-	31	6
-4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	25	54	-	-	-	-	25	3
-5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13	21	-	-	-	-	13	1
-6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	4	-	-	-	-	3	*
MEAN	-	-	-	-	5.0	9.6	16.5	18.9	20.2	15.5	10.7	4.3	-	-	-	-	-	-	-	-	-	-	-	-	-	14.8	
S.D.	-	-	-	-	1.4	3.5	3.9	2.3	2.9	3.6	3.9	4.6	-	-	-	-	-	-	-	-	-	-	-	-	-	5.9	
TOTAL	-	-	-	-	269	1003	1038	2219	2213	2143	2215	762	-	-	-	-	-	-	-	-	-	-	-	-	-	11862	
MAX	-	-	-	-	11.4	22.9	26.1	30.7	28.8	24.9	21.7	14.0	-	-	-	-	-	-	-	-	-	-	-	-	-	30.7	
DATE	-	-	-	-	1995042421	1994052218	1994062023	1995071322	1995081318	1995090223	1993100721	1994110318	-	-	-	-	-	-	-	-	-	-	-	-	-	1995071322	
MIN	-	-	-	-	2.6	3.8	6.7	12.7	12.9	5.0	0.8	-5.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-5.8	
DATE	-	-	-	-	1995042016	1995050116	1994060810	1995070811	1993080412	1995092214	1993103108	1995111210	-	-	-	-	-	-	-	-	-	-	-	-	-	1995111210	

(* < 0.05% , # = 100.0%)

STATION: 45010

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

ELEMENT: SEA TEMPERATURE (DEGREES C) -- POR: (6/1993 - 11/1995) (11857 RECORDS, 99.9% HAVE ELEMENT)

	JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC		ANN		
	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	
25	-	-	-	-	-	-	-	-	-	-	-	-	-	4	#	-	-	-	-	-	-	-	-	-	-	4	#
24	-	-	-	-	-	-	-	-	-	1	#	-	-	98	998	3	#	-	-	-	-	-	-	-	-	102	999
23	-	-	-	-	-	-	-	-	-	21	999	-	-	238	954	43	999	-	-	-	-	-	-	-	-	302	991
22	-	-	-	-	-	-	-	-	-	104	979	1	#	195	846	87	979	-	-	-	-	-	-	-	-	387	966
21	-	-	-	-	-	-	-	-	-	56	879	30	999	304	758	23	938	-	-	-	-	-	-	-	-	413	933
20	-	-	-	-	-	-	-	-	-	27	825	174	986	357	621	34	927	-	-	-	-	-	-	-	-	592	898
19	-	-	-	-	-	-	-	-	-	21	799	353	907	244	460	84	911	-	-	-	-	-	-	-	-	702	848
18	-	-	-	-	-	-	-	-	-	37	778	450	748	193	350	315	872	-	-	-	-	-	-	-	-	995	789
17	-	-	-	-	-	-	-	-	-	52	743	323	545	271	262	222	725	-	-	-	-	-	-	-	-	868	705
16	-	-	-	-	-	-	-	-	-	112	693	390	399	201	140	365	621	117	947	-	-	-	-	-	1185	632	
15	-	-	-	-	-	-	-	-	-	146	585	260	223	72	49	265	451	195	94	-	-	-	-	-	938	532	
14	-	-	-	-	-	-	-	-	-	71	444	107	106	37	17	183	327	373	859	-	-	-	-	-	771	453	
13	-	-	-	-	-	-	-	-	-	96	376	58	58	-	-	139	241	202	690	-	-	-	-	-	495	388	
12	-	-	-	-	-	-	-	-	1	#	110	283	20	32	-	-	263	177	53	599	-	-	-	-	447	346	
11	-	-	-	-	-	-	-	-	117	999	142	177	25	23	-	-	86	54	205	575	-	-	-	-	575	308	

10	-	-	-	-	-	-	-	87	883	31	40	17	11	-	-	23	14	434	483	9	#	-	-	601	260
9	-	-	-	-	-	1	#	169	796	11	11	8	4	-	-	6	3	387	286	94	988	-	-	676	209
8	-	-	-	-	-	-	-	246	628	-	-	-	-	-	-	-	-	201	112	118	865	-	-	565	152
7	-	-	-	-	-	-	-	125	383	-	-	-	-	-	-	-	-	32	21	224	710	-	-	381	104
6	-	-	-	-	-	-	-	178	259	-	-	-	-	-	-	-	-	14	6	142	415	-	-	334	72
5	-	-	-	-	-	10	996	41	82	-	-	-	-	-	-	-	-	-	-	171	229	-	-	222	44
4	-	-	-	-	-	255	959	41	41	-	-	-	-	-	-	-	-	-	-	3	4	-	-	299	25
3	-	-	-	-	-	3	11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	*
MEAN	-	-	-	-	-	4.0	7.9	15.3	16.9	19.5	15.7	11.3	6.8	-	-	-	-	-	-	6.8	-	-	-	-	14.3
S.D.	-	-	-	-	-	0.4	1.8	3.8	2.1	2.5	2.9	2.6	1.4	-	-	-	-	-	-	1.4	-	-	-	-	4.9
TOTAL	-	-	-	-	-	269	1005	1038	2216	2214	2141	2213	761	-	-	-	-	-	-	761	-	-	-	-	11857
MAX	-	-	-	-	-	8.6	12.1	24.1	21.5	24.9	23.5	16.4	9.8	-	-	-	-	-	-	9.8	-	-	-	-	24.9
DATE	-	-	-	-	-	1995041918	1994052219	1995062418	1995070101	1995082122	1995090522	1994100519	1994110201	-	-	-	-	-	-	1995082122	-	-	-	-	1995082122
MIN	-	-	-	-	-	3.4	3.8	9.4	8.9	13.7	9.0	5.6	4.4	-	-	-	-	-	-	4.4	-	-	-	-	3.4
DATE	-	-	-	-	-	1995042215	1995050213	1994060914	1995070620	1993081008	1993091419	1994102910	1995111216	-	-	-	-	-	-	1995042215	-	-	-	-	1995042215

(* < 0.05% , # = 100.0%)

STATION: 45010

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

ELEMENT: AIR - SEA TEMPERATURE (DEGREES C) -- POR: (6/1993 - 11/1995) (11852 RECORDS, 99.9% HAVE ELEMENT)

	JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC		ANN		
	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	
15	-	-	-	-	-	-	-	-	-	-	-	2	#	-	-	-	-	-	-	-	-	-	-	-	-	2	#
14	-	-	-	-	-	-	-	-	-	-	-	1	999	-	-	-	-	-	-	-	-	-	-	-	-	1	999
13	-	-	-	-	-	-	-	-	-	-	-	5	999	-	-	-	-	-	-	-	-	-	-	-	-	5	999
12	-	-	-	-	-	-	-	1	#	-	-	4	996	-	-	-	-	-	-	-	-	-	-	-	-	5	999
11	-	-	-	-	-	-	-	-	-	-	-	6	995	-	-	-	-	2	#	-	-	-	-	-	-	8	999
10	-	-	-	-	-	-	-	9	999	3	#	8	992	-	-	4	#	8	999	-	-	-	-	-	-	32	998
9	-	-	-	-	-	-	-	21	990	4	997	16	988	2	#	8	998	10	995	-	-	-	-	-	-	61	996
8	-	-	-	-	-	1	#	24	969	10	993	40	981	1	999	10	994	13	991	-	-	-	-	-	-	99	990
7	-	-	-	-	-	1	996	21	945	16	984	59	963	7	999	20	990	29	985	-	-	-	-	-	-	153	982
6	-	-	-	-	-	1	993	40	924	14	968	63	936	33	995	34	980	29	972	-	-	-	-	-	-	214	969
5	-	-	-	-	-	3	989	31	884	47	955	113	908	48	981	48	965	30	959	3	#	-	-	-	-	323	951
4	-	-	-	-	-	7	978	63	853	61	909	190	857	86	959	65	942	62	945	8	996	-	-	-	-	542	924
3	-	-	-	-	-	25	952	103	791	98	851	230	771	155	920	129	912	102	917	29	986	-	-	-	-	871	878
2	-	-	-	-	-	50	859	123	688	103	756	394	667	286	850	285	851	155	871	76	947	-	-	-	-	1472	805
1	-	-	-	-	-	65	673	194	565	184	657	472	490	559	721	311	718	315	801	60	848	-	-	-	-	2160	680
0	-	-	-	-	-	93	431	178	372	302	479	376	277	538	468	273	573	347	659	83	769	-	-	-	-	2190	498
-1	-	-	-	-	-	22	86	124	194	150	188	140	107	310	225	260	446	267	502	73	660	-	-	-	-	1346	313
-2	-	-	-	-	-	-	-	59	71	36	43	74	44	129	85	279	324	225	381	96	564	-	-	-	-	898	200
-3	-	-	-	-	-	1	4	12	12	8	9	14	10	49	27	182	194	224	279	60	438	-	-	-	-	550	124
-4	-	-	-	-	-	-	-	-	-	1	1	4	4	5	5	115	109	154	178	39	359	-	-	-	-	318	78
-5	-	-	-	-	-	-	-	-	-	-	-	3	2	5	2	48	55	124	108	45	307	-	-	-	-	225	51
-6	-	-	-	-	-	-	-	-	-	-	-	2	1	-	-	23	33	79	52	33	248	-	-	-	-	137	32
-7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	18	22	34	17	57	205	-	-	-	-	109	20
-8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10	14	3	1	44	130	-	-	-	-	57	11
-9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9	9	-	-	35	72	-	-	-	-	44	6
-10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	5	-	-	13	26	-	-	-	-	19	3
-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	2	-	-	5	9	-	-	-	-	9	1
-12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	3	-	-	-	-	2	*
MEAN	-	-	-	-	-	1.0	1.7	1.2	2.0	0.7	-0.1	-0.6	-2.6	-	-	-	-	-	-	-2.6	-	-	-	-	-	0.5	
S.D.	-	-	-	-	-	1.4	2.7	2.2	2.5	1.8	2.9	3.1	3.7	-	-	-	-	-	-	3.7	-	-	-	-	-	2.9	
TOTAL	-	-	-	-	-	269	1003	1037	2216	2213	2141	2212	761	-	-	-	-	-	-	761	-	-	-	-	-	11852	
MAX	-	-	-	-	-	7.6	11.9	9.8	14.8	9.0	9.8	10.7	4.9	-	-	-	-	-	-	4.9	-	-	-	-	-	14.8	
DATE	-	-	-	-	-	1995042421	1994052218	1994061221	1995071402	1993082718	1994091323	1995101723	1995110206	-	-	-	-	-	-	1995071402	-	-	-	-	-	1995071402	
MIN	-	-	-	-	-	-2.5	-3.0	-3.5	-5.5	-5.3	-11.0	-8.3	-11.7	-	-	-	-	-	-	-11.7	-	-	-	-	-	-11.7	
DATE	-	-	-	-	-	1995041918	1994051709	1994060810	1995070112	1993080411	1995092214	1994102710	1993110711	-	-	-	-	-	-	1993110711	-	-	-	-	-	1993110711	

(* < 0.05% , # = 100.0%)

STATION: 45010

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

ELEMENT: SEA LEVEL PRESSURE (MILLIBARS) -- POR: (6/1993 - 11/1995) (11791 RECORDS, 99.4% HAVE ELEMENT)

	JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC		ANN		
	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	
1030	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	#	1	#	-	-	-	-	-	-	6	#
1029	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	#	11	998	6	999	-	-	-	-	22	999
1028	-	-	-	-	-	-	-	2	#	-	-	-	-	-	-	27	998	21	993	11	991	-	-	-	-	61	998
1027	-	-	-	-	-	-	-	15	998	-	-	-	-	3	#	44	985	29	983	32	976	-	-	-	-	123	992
1026	-	-	-	-	-	-	-	20	983	-	-	-	-	11	999	56	965	36	970	13	934	-	-	-	-	136	982
1025	-	-	-	-	-	-	-	26	963	6	#	-	-	23	994	74	938	60	954	23	917	-	-	-	-	212	970
1024	-	-	-	-	-	-	-	26	937	12	994	10	#	27	983	48	904	68	927	36	887	-	-	-	-	227	953
1023	-	-	-	-	-	-	-	27	911	17	981	9	995	36	971	83	881	78	896	33	840	-	-	-	-	283	933

1022	-	-	-	-	-	-	-	27	884	14	964	27	991	32	955	108	843	95	861	27	796	-	-	330	909		
1021	-	-	-	-	-	-	4	#	48	858	61	950	58	979	77	940	143	792	61	818	16	761	-	-	468	881	
1020	-	-	-	-	-	-	18	985	61	810	60	887	67	953	113	906	171	726	104	790	23	740	-	-	617	842	
1019	-	-	-	-	-	-	34	918	54	749	39	825	97	923	137	854	134	646	126	743	39	710	-	-	660	789	
1018	-	-	-	-	-	-	13	792	107	695	43	785	142	879	220	792	158	583	117	687	38	658	-	-	838	733	
1017	-	-	-	-	-	-	13	743	49	589	39	740	153	815	287	693	163	510	129	634	36	608	-	-	869	662	
1016	-	-	-	-	-	-	27	695	43	540	57	700	131	746	260	563	118	434	106	575	24	561	-	-	766	588	
1015	-	-	-	-	-	-	35	595	44	497	45	642	127	687	201	446	98	378	132	528	42	530	-	-	724	524	
1014	-	-	-	-	-	-	22	465	39	453	52	595	208	630	155	355	82	333	120	468	33	474	-	-	711	462	
1013	-	-	-	-	-	-	18	383	48	414	47	542	225	536	130	285	107	294	144	414	26	431	-	-	745	402	
1012	-	-	-	-	-	-	20	316	37	367	56	493	241	434	148	226	64	245	110	349	30	397	-	-	706	339	
1011	-	-	-	-	-	-	11	242	24	330	48	436	204	326	95	159	76	215	95	299	30	357	-	-	583	279	
1010	-	-	-	-	-	-	8	201	30	306	82	386	175	234	91	116	114	179	96	256	47	318	-	-	643	229	
1009	-	-	-	-	-	-	9	171	34	276	107	302	141	155	65	75	81	126	75	213	41	256	-	-	553	175	
1008	-	-	-	-	-	-	7	138	49	242	46	192	106	91	48	46	43	88	71	179	22	202	-	-	392	128	
1007	-	-	-	-	-	-	4	112	62	193	17	144	59	43	31	24	25	68	57	147	17	173	-	-	272	95	
1006	-	-	-	-	-	-	4	97	32	131	19	127	26	17	14	10	46	56	37	121	26	151	-	-	204	72	
1005	-	-	-	-	-	-	4	82	16	100	37	107	3	5	8	4	22	35	44	104	10	117	-	-	144	54	
1004	-	-	-	-	-	-	2	67	20	84	20	69	2	4	-	-	20	25	51	84	20	104	-	-	135	42	
1003	-	-	-	-	-	-	4	59	13	64	18	48	1	3	-	-	19	15	51	61	20	78	-	-	126	31	
1002	-	-	-	-	-	-	9	45	16	51	16	30	2	2	-	-	6	7	16	38	7	51	-	-	72	20	
1001	-	-	-	-	-	-	3	11	5	35	11	13	3	1	-	-	5	4	7	31	8	42	-	-	42	14	
1000	-	-	-	-	-	-	-	-	6	30	2	2	-	-	-	-	3	1	7	28	10	32	-	-	28	10	
999	-	-	-	-	-	-	-	-	6	24	-	-	-	-	-	-	-	-	10	25	7	18	-	-	23	8	
998	-	-	-	-	-	-	-	-	8	18	-	-	-	-	-	-	-	-	4	20	7	9	-	-	19	6	
997	-	-	-	-	-	-	-	-	6	10	-	-	-	-	-	-	-	-	3	19	-	-	-	-	9	4	
996	-	-	-	-	-	-	-	-	2	4	-	-	-	-	-	-	-	-	4	17	-	-	-	-	6	4	
995	-	-	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	5	15	-	-	-	-	7	3	
994	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	13	-	-	-	-	7	2	
993	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	10	-	-	-	-	2	2	
992	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	9	-	-	-	-	3	2	
991	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	8	-	-	-	-	3	1	
990	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	6	-	-	-	-	1	1	
989	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	6	-	-	-	-	3	1	
988	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	5	-	-	-	-	3	1	
987	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	3	-	-	-	-	1	1	
986	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	3	-	-	-	-	1	1	
985	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	2	-	-	-	-	1	*	
984	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	2	-	-	-	-	1	*	
983	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	1	-	-	-	-	2	*	
982	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	*	-	-	-	-	1	*	
981	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	*	
MEAN	-	-	-	-	-	-	1013.9	1014.4	1013.0	1013.5	1015.6	1016.7	1014.8	1014.8	1014.8	1014.8	1014.8	1014.8	1014.8	1014.8	1014.8	1014.8	1014.8	1014.8	1014.8	1014.8	1014.8
S.D.	-	-	-	-	-	-	4.8	6.9	5.6	3.9	4.0	5.9	7.2	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6
TOTAL	-	-	-	-	-	-	269	1004	971	2217	2212	2143	2214	761	-	-	-	-	2214	761	-	-	-	-	11791	-	
MAX	-	-	-	-	-	-	1021.4	1027.8	1024.6	1024.1	1026.9	1029.2	1029.6	1029.7	-	-	-	-	1029.6	1029.7	-	-	-	-	1029.7	-	
DATE	-	-	-	-	-	-	1995043017	1994051717	1994060315	1994071019	1994080916	1995092316	1994101017	1994111014	-	-	-	-	1994101017	1994111014	-	-	-	-	1994111014	-	
MIN	-	-	-	-	-	-	1001.3	995.2	999.7	1001.0	1004.9	999.9	981.9	997.6	-	-	-	-	981.9	997.6	-	-	-	-	981.9	-	
DATE	-	-	-	-	-	-	1995042112	1995051409	1994062409	1993070602	1993082400	1993090915	1995102713	1993110511	-	-	-	-	1995102713	1993110511	-	-	-	-	1995102713	-	

(* < 0.05% , # = 100.0%)

STATION: 45010

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

ELEMENT: AVERAGE WIND SPEED (KNOTS) -- POR: (6/1993 - 11/1995) (10380 RECORDS, 87.5% HAVE ELEMENT)

	JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC		ANN	
	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF
32	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	#	-	-	2	#
31	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	996	-	-	3	999
30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	991	-	-	1	999	
29	-	-	-	-	-	-	-	-	-	-	1	#	-	-	-	-	1	#	-	-	3	989	-	-	5	999
28	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	999	-	-	1	983	-	-	4	999
27	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	998	-	-	2	981	-	-	5	999
26	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	997	2	#	6	977	-	-	12	998	
25	-	-	-	-	-	-	-	-	-	1	999	-	-	-	1	#	1	995	8	999	6	966	-	-	17	997
24	-	-	-	-	-	-	-	-	-	-	-	1	#	2	999	3	994	8	994	2	955	-	-	16	995	
23	-	-	-	-	-	-	1	#	2	#	3	998	1	999	-	-	3	993	16	989	3	951	-	-	29	994
22	-	-	-	-	-	-	-	-	1	998	7	995	1	999	1	998	8	992	13	979	9	945	-	-	40	991
21	-	-	-	-	-	-	-	-	1	997	5	988	1	998	2	998	12	988	19	971	12	929	-	-	52	987
20	-	-	-	-	-	-	2	996	3	996	8	984	2	998	2	997	14	982	27	960	21	906	-	-	79	982
19	-	-	-	-	-	-	4	989	6	993	11	976	8	997	5	996	31	976	57	943	38	867	-	-	160	974
18	-	-	-	-	-	-	4	974	7	987	11	965	17	992	17	993	29	961	49	908	33	795	-	-	167	959
17	-	-	-	-	-	-	6	959	14	980	4	955	12	983	8	985	37	948	65	878	26	733	-	-	172	943
16	-	-	-	-	-	-	3	937	21	966	11	951	25	976	19	981	54	930	83	838	36	684	-	-	252	926
15	-	-	-	-	-	-	7	926	31	945	13	940	29	962	36	971	66	905	93	788	31	617	-	-	306	902
14	-	-	-	-	-	-	8	900	47	91																

10	-	-	-	-	-	20	643	68	665	61	750	138	766	115	804	149	661	91	426	29	289	-	-	671	659
9	-	-	-	-	-	16	569	76	597	66	691	128	689	140	745	153	592	88	370	32	235	-	-	699	594
8	-	-	-	-	-	15	509	85	521	78	628	166	618	170	674	167	520	102	316	25	175	-	-	808	527
7	-	-	-	-	-	26	454	73	437	108	552	195	526	167	587	174	442	101	254	18	128	-	-	862	449
6	-	-	-	-	-	23	357	98	364	94	449	167	418	189	501	182	361	86	192	8	94	-	-	847	366
5	-	-	-	-	-	29	271	90	266	120	358	231	326	269	405	193	276	79	140	20	79	-	-	1031	284
4	-	-	-	-	-	19	164	57	176	104	243	127	198	194	267	140	186	55	91	9	41	-	-	705	185
3	-	-	-	-	-	15	93	56	120	70	142	116	127	151	168	118	121	39	58	8	24	-	-	573	117
2	-	-	-	-	-	3	37	26	64	42	75	72	63	121	91	66	66	36	34	3	9	-	-	369	62
1	-	-	-	-	-	3	26	26	38	29	35	31	23	41	29	51	35	16	12	1	4	-	-	198	26
0	-	-	-	-	-	4	15	12	12	7	7	11	6	15	8	24	11	3	2	1	2	-	-	77	7
MEAN	-	-	-	-	-	8.7		8.5		7.8		7.7		7.1		8.8		11.3		13.8		-	-	8.8	
S.D.	-	-	-	-	-	4.4		4.3		4.5		3.9		3.9		4.8		5.1		5.7		-	-	4.8	
TOTAL	-	-	-	-	-	269		1003		1039		1805		1955		2143		1634		532		-	-	10380	
MAX	-	-	-	-	-	22.7		23.1		29.0		24.3		25.3		28.8		25.9		31.9		-	-	31.9	
DATE	-	-	-	-	-	1995042710		1994052615		1993063010		1993070602		1995082815		1995090716		1993102108		1995111110		-	-	1995111110	
MIN	-	-	-	-	-	0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		-	-	0.0	
DATE	-	-	-	-	-	1995042404		1995050508		1995062500		1995072712		1995081619		1993092616		1993101723		1993110501		-	-	1995081619	

(* < 0.05% , # = 100.0%)

STATION: 45010

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: (6/1993 - 11/1995) (10373 RECORDS, 87.4% HAVE ELEMENT)

	JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC		ANN		
	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	
42	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	#
41	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	#	-	-	1	#	
40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999	
39	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	998	-	-	1	999	
38	-	-	-	-	-	-	-	-	-	1	#	-	-	-	-	-	-	-	-	-	3	996	-	-	4	999	
37	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	991	-	-	1	999	
36	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999	
35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	#	-	-	-	2	989	-	-	5	999	
34	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	999	1	#	3	985	-	-	7	999		
33	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	997	-	-	3	979	-	-	6	998		
32	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	996	7	999	4	974	-	-	12	998		
31	-	-	-	-	-	-	-	-	-	1	999	2	#	4	#	3	995	7	995	4	966	-	-	21	996		
30	-	-	-	-	-	-	-	-	-	1	998	1	999	-	-	3	994	7	991	6	959	-	-	18	994		
29	-	-	-	-	-	-	-	-	-	1	997	1	998	1	998	3	993	13	987	5	947	-	-	24	993		
28	-	-	-	-	-	-	-	-	1	#	2	996	-	-	-	3	991	16	979	6	938	-	-	28	990		
27	-	-	-	-	-	-	-	-	1	999	4	994	1	998	-	-	9	990	10	969	4	927	-	-	29	988	
26	-	-	-	-	-	2	#	3	998	7	990	2	997	5	997	11	986	16	963	13	919	-	-	59	985		
25	-	-	-	-	-	-	-	2	995	4	984	3	996	-	-	6	980	21	953	16	895	-	-	52	979		
24	-	-	-	-	-	2	993	5	983	5	980	7	994	-	-	17	978	34	940	25	865	-	-	95	974		
23	-	-	-	-	-	5	985	3	988	9	975	11	991	7	995	24	970	41	919	20	818	-	-	120	965		
22	-	-	-	-	-	2	967	7	985	13	966	10	984	12	991	31	958	46	894	31	780	-	-	152	953		
21	-	-	-	-	-	4	959	8	978	7	954	20	979	12	985	39	944	51	866	27	722	-	-	168	939		
20	-	-	-	-	-	2	944	8	970	3	947	11	968	17	979	37	926	68	834	20	671	-	-	166	923		
19	-	-	-	-	-	4	937	29	962	10	944	37	962	26	970	57	909	89	793	30	633	-	-	282	907		
18	-	-	-	-	-	6	922	32	933	15	934	36	941	24	957	61	882	71	738	24	577	-	-	269	879		
17	-	-	-	-	-	7	900	24	901	21	920	45	921	28	945	66	853	99	695	34	532	-	-	324	853		
16	-	-	-	-	-	11	874	51	877	30	900	49	896	40	930	92	823	96	634	26	468	-	-	395	822		
15	-	-	-	-	-	16	833	52	827	31	871	67	869	58	910	85	780	77	575	28	419	-	-	414	784		
14	-	-	-	-	-	14	773	53	775	53	841	73	832	65	880	89	740	97	528	26	367	-	-	470	744		
13	-	-	-	-	-	25	721	44	722	44	790	75	792	91	847	106	699	92	468	27	318	-	-	504	699		
12	-	-	-	-	-	12	628	85	678	60	748	119	750	120	800	138	649	89	412	40	267	-	-	663	650		
11	-	-	-	-	-	21	584	45	593	50	690	119	684	111	739	129	585	84	357	21	192	-	-	580	586		
10	-	-	-	-	-	11	506	76	548	60	642	117	618	133	682	153	524	85	306	18	152	-	-	653	531		
9	-	-	-	-	-	14	465	72	473	72	584	148	553	122	614	131	453	71	254	14	118	-	-	644	468		
8	-	-	-	-	-	20	413	76	401	86	514	155	471	162	551	141	392	79	210	12	92	-	-	731	405		
7	-	-	-	-	-	25	338	71	325	85	432	136	385	162	469	160	326	58	162	11	70	-	-	708	335		
6	-	-	-	-	-	23	245	58	254	94	350	168	310	180	386	142	252	52	126	8	49	-	-	725	267		
5	-	-	-	-	-	19	160	77	196	106	259	151	217	229	293	143	185	62	94	7	34	-	-	794	197		
4	-	-	-	-	-	10	89	42	120	66	157	111	133	137	176	100	119	41	56	7	21	-	-	514	120		
3	-	-	-	-	-	7	52	36	78	56	93	79	72	125	106	69	72	29	31	1	8	-	-	402	71		
2	-	-	-	-	-	2	26	27	42	24	39	38	28	56	42	62	40	18	13	2	6	-	-	229	32		
1	-	-	-	-	-	4	19	12	15	15	16	10	7	22	13	19	11	3	2	1	2	-	-	86	10		
0	-	-	-	-	-	1	4	3	3	2	2	2	1	4	2	4	2	1	1	-	-	-	-	17	2		
MEAN	-	-	-	-	-	10.6		10.3		9.5		9.6		8.7		11.0		14.2		17.3		-	-	10.9			
S.D.	-	-	-	-	-	5.2		5.1		5.5		5.0		4.8		6.0		6.4		6.9		-	-	6.0			
TOTAL	-	-	-	-	-	269		1003		1038		1804		1953		2143		1631		532		-	-	10373			
MAX	-	-	-	-	-	26.4		28.2		37.9		30.9		30.9		34.6		34.4		41.2		-	-	41.2			
DATE	-	-	-	-	-	1995042710		1994052615		1993063010		1995072802		1995082816		1995090721		1993102107		1995111112		-	-	1995111112			
MIN	-	-	-	-	-	0.2		0.0		0.0		0.0		0.0		0.0		0.4		1.0		-	-	0.0			
DATE	-	-	-	-	-	1995042404		1995050508		1995062500		1995071913		1995081010		1993092204		19									

STATION: 45010

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

ELEMENT: SIGNIFICANT WAVE HEIGHT (METERS) -- POR: (6/1993 - 11/1995) (11583 RECORDS, 97.6% 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	
4.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	#	-	-	-	-	-	-	-	-	2	#
3.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8	999	1	#	1	#	-	-	-	-	10	999
3.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	#	4	995	12	999	9	999	-	-	-	27	999
2.5	-	-	-	-	-	-	-	-	5	#	3	#	-	-	8	999	4	993	7	994	13	986	-	-	40	997	
2.0	-	-	-	-	-	-	-	-	3	995	5	997	-	-	11	995	12	991	45	991	50	969	-	-	126	993	
1.5	-	-	-	-	-	-	19	#	20	992	30	992	12	#	45	990	119	986	124	970	89	901	-	-	458	982	
1.0	-	-	-	-	-	-	40	928	128	971	60	963	106	994	180	970	316	929	312	911	195	781	-	-	1337	943	
0.5	-	-	-	-	-	-	133	776	359	841	322	904	907	945	1014	887	909	780	1145	765	317	517	-	-	5106	827	
0.0	-	-	-	-	-	-	71	270	464	474	601	589	1133	525	918	421	737	349	488	229	65	88	-	-	4477	387	
MEAN	-	-	-	-	-	-	0.5		0.4		0.3		0.3		0.4		0.5		0.6		0.9		-	-	0.4		
S.D.	-	-	-	-	-	-	0.4		0.4		0.4		0.3		0.4		0.5		0.5		0.6		-	-	0.4		
TOTAL	-	-	-	-	-	-	263		979		1021		2158		2178		2111		2134		739		-	-	11583		
MAX	-	-	-	-	-	-	1.5		2.5		2.4		1.6		2.8		3.8		3.4		3.3		-	-	3.8		
DATE	-	-	-	-	-	-	1995042801		1994052616		1994060808		1994071314		1994080505		1995090719		1993100911		1995111110		-	-	1995090719		
MIN	-	-	-	-	-	-	0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		-	-	0.0		
DATE	-	-	-	-	-	-	1995043000		1995052614		1995063010		1995073118		1995082922		1995092810		1995102509		1993111012		-	-	1995102509		

(* < 0.05% , # = 100.0%)

STATION: 45010

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

ELEMENT: AVERAGE WAVE PERIOD (SECONDS) -- POR: (6/1993 - 11/1995) (11583 RECORDS, 97.6% 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	
7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	#	-	-	-	-	2	#	
6	-	-	-	-	-	-	10	#	6	#	-	-	-	-	10	#	17	#	24	999	47	#	-	-	114	999	
5	-	-	-	-	-	-	16	962	28	994	25	#	34	#	103	995	233	992	239	988	170	936	-	-	848	990	
4	-	-	-	-	-	-	73	901	203	965	196	976	415	984	700	948	740	882	840	876	352	706	-	-	3519	917	
3	-	-	-	-	-	-	131	624	394	758	395	784	1212	792	858	627	700	531	895	482	145	230	-	-	4730	613	
2	-	-	-	-	-	-	4	125	47	355	6	397	30	230	12	233	15	199	19	63	1	34	-	-	134	205	
1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	193
0	-	-	-	-	-	-	29	110	301	307	399	391	467	216	495	227	406	192	115	54	24	32	-	-	2236	193	
MEAN	-	-	-	-	-	-	3.1		2.3		2.0		2.5		2.7		3.0		3.4		4.0		-	-	2.9		
S.D.	-	-	-	-	-	-	1.3		1.6		1.7		1.4		1.6		1.6		1.1		1.1		-	-	1.5		
TOTAL	-	-	-	-	-	-	263		979		1021		2158		2178		2111		2134		739		-	-	11583		
MAX	-	-	-	-	-	-	6.1		5.6		5.2		4.9		6.0		6.4		6.6		6.1		-	-	6.6		
DATE	-	-	-	-	-	-	1995042803		1994052620		1994060808		1995072812		1994080505		1995090721		1993100911		1995111123		-	-	1993100911		
MIN	-	-	-	-	-	-	0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		-	-	0.0		
DATE	-	-	-	-	-	-	1995043000		1995052614		1995063010		1995073118		1995082922		1995092810		1995102509		1993111012		-	-	1995102509		

(* < 0.05% , # = 100.0%)

STATION: 45010

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

ELEMENT: DOMINANT WAVE PERIOD (SECONDS) -- POR: (6/1993 - 11/1995) (11583 RECORDS, 97.6% 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
12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	#
11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	#	-	-	-	-	-	-	-	-	1	#
10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999
9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8	#	11	#	18	#	-	-	37	999
8	-	-	-	-	-	-	7	#	5	#	-	-	-	-	13	999	12	996	14	995	37	976	-	-	88	997
7	-	-	-	-	-	-	14	973	8	995	6	#	6	#	31	994	76	991	100	988	73	926	-	-	314	989
6	-	-	-	-	-	-	17	920	33	987	25	994	47	997	135	979	256	955	300	941	186	827	-	-	999	962
5	-	-	-	-	-	-	50	856	115	953	102	970	192	975	299	917	447	833	450	801	204	575	-	-	1859	876
4	-	-	-	-	-	-	65	665	227	836	201	870	584	886	651	780	460	622	522	590	96	299	-	-	2806	715
3	-	-	-	-	-	-	74	418	239	604	277	673	824	616	537	481	406	404	574	345	94	169	-	-	3025	473
2	-	-	-	-	-	-	7	137	51	360	11	402	38	234	16	235	40	211	48	76	7	42	-	-	218	212
1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	193
0	-	-	-	-	-	-	29	110	301	307	399	391	467	216	495	227	406	192	115	54	24	32	-	-	2236	193
MEAN	-	-	-	-	-	-	3.8		2.6		2.3		2.8		3.1		3.6		4.1		5.1		-	-	3.3	
S.D.	-	-	-	-	-	-	1.8		2.0		2.0		1.6		1.9		2.1		1.6		1.7		-	-	2.0	

TOTAL	-	-	-	263	979	1021	2158	2178	2111	2134	739	-	11583
MAX	-	-	-	7.7	7.7	6.7	6.7	11.1	9.1	9.1	9.1	-	11.1
DATE	-	-	-	1995042808	1994052621	1994060809	1995070821	1993080319	1995090804	1993100922	1995111202	-	1993080319
MIN	-	-	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
DATE	-	-	-	1995043000	1995052614	1995063010	1995073118	1995082922	1995092810	1995102509	1993111012	-	1995102509

(* < 0.05% , # = 100.0%)

ELEMENT SUMMARY FOR STATION: 45010

- (A) TOTAL STD MET RECORDS READ = 11867
- (B) TOTAL C WIND RECORDS READ = 0
- (C) TOTAL RECORDS USED IN STATS = 11867

	AIR TMP	SEA TMP	AIR-SEA	DEWPT	SLP	AVWS	PKGS-8M	PKGS-5S	SIGWVHT	AVWVPD	DWVPD	VSBY
(D) ELEMENT RECORDS AVAILABLE	11862	11857	11852	0	11791	10380	10373	0	11583	11583	11583	0
(E) ELEMENT OUT OF RANGE	5	10	15	11867	76	1487	1494	0	284	284	284	11867

STATION: 45010 -- POR (6/1993 - 11/1995)

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
1993	MEAN	-	-	-	-	-	15.9	18.8	20.1	13.8	9.0	3.7	-	14.6
	MAXIMUM	-	-	-	-	-	21.7	25.3	27.5	22.1	21.7	9.8	-	27.5
	DAY-HR	-	-	-	-	-	27-19	19-22	27-00	13-06	07-21	04-09	-	AUG
	MINIMUM	-	-	-	-	-	13.7	14.4	12.9	5.6	0.8	-5.1	-	-5.1
	DAY-HR	-	-	-	-	-	30-15	01-15	04-12	30-12	31-08	07-11	-	NOV
	# OBS	-	-	-	-	-	95	738	734	715	740	232	-	3254
1994	MEAN	-	-	-	-	10.9	15.2	18.7	18.4	16.3	12.3	8.6	-	15.3
	MAXIMUM	-	-	-	-	22.9	26.1	27.2	25.7	24.7	21.5	14.0	-	27.2
	DAY-HR	-	-	-	-	22-18	20-23	06-00	24-21	13-23	07-22	03-18	-	JUL
	MINIMUM	-	-	-	-	4.7	6.7	13.4	13.3	10.5	3.9	4.8	-	3.9
	DAY-HR	-	-	-	-	17-18	08-10	02-17	06-11	29-13	27-10	01-13	-	OCT
	# OBS	-	-	-	-	358	719	738	741	712	739	228	-	4235
1995	MEAN	-	-	-	5.0	8.9	21.1	19.1	22.2	16.4	10.9	1.5	-	14.3
	MAXIMUM	-	-	-	11.4	18.5	23.3	30.7	28.8	24.9	20.5	13.2	-	30.7
	DAY-HR	-	-	-	24-21	19-22	25-00	13-22	13-18	02-23	11-21	02-05	-	JUL
	MINIMUM	-	-	-	2.6	3.8	18.9	12.7	14.9	5.0	2.7	-5.8	-	-5.8
	DAY-HR	-	-	-	20-16	01-16	21-16	08-11	01-17	22-14	21-16	12-10	-	NOV
	# OBS	-	-	-	269	645	224	743	738	716	736	302	-	4373
POR	MEAN	-	-	-	5.0	9.6	16.5	18.9	20.2	15.5	10.7	4.3	-	14.8
	MAXIMUM	-	-	-	11.4	22.9	26.1	30.7	28.8	24.9	21.7	14.0	-	30.7
	YEAR	-	-	-	1995	1994	1994	1995	1995	1995	1993	1994	-	JUL/1995
	MINIMUM	-	-	-	2.6	3.8	6.7	12.7	12.9	5.0	0.8	-5.8	-	-5.8
	YEAR	-	-	-	1995	1995	1994	1995	1993	1995	1993	1995	-	NOV/1995
	# OBS	-	-	-	269	1003	1038	2219	2213	2143	2215	762	-	11862

STATION: 45010 -- POR (6/1993 - 11/1995)

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
1993	MEAN	-	-	-	-	-	14.4	16.7	19.5	14.2	9.6	6.9	-	14.4
	MAXIMUM	-	-	-	-	-	15.3	20.6	23.5	21.2	11.8	7.5	-	23.5
	DAY-HR	-	-	-	-	-	28-19	30-22	14-23	01-00	01-04	02-00	-	AUG
	MINIMUM	-	-	-	-	-	12.6	10.5	13.7	9.0	7.5	6.3	-	6.3
	DAY-HR	-	-	-	-	-	27-09	06-09	10-08	14-19	31-23	10-12	-	NOV
	# OBS	-	-	-	-	-	94	738	735	714	740	232	-	3253
1994	MEAN	-	-	-	-	9.4	13.6	17.5	17.7	15.0	13.4	8.4	-	14.6
	MAXIMUM	-	-	-	-	12.1	20.7	21.1	21.9	18.8	16.4	9.8	-	21.9
	DAY-HR	-	-	-	-	22-19	21-23	24-18	26-19	15-00	05-19	02-01	-	AUG
	MINIMUM	-	-	-	-	6.3	9.4	14.2	14.1	11.4	5.6	5.5	-	5.5
	DAY-HR	-	-	-	-	19-15	09-14	12-09	31-11	17-03	29-10	07-00	-	NOV
	# OBS	-	-	-	-	358	720	736	741	712	737	228	-	4232
1995	MEAN	-	-	-	4.0	7.1	21.3	16.5	21.3	17.8	11.0	5.6	-	13.9
	MAXIMUM	-	-	-	8.6	9.5	24.1	21.5	24.9	23.5	15.7	7.4	-	24.9
	DAY-HR	-	-	-	19-18	23-02	24-18	01-01	21-22	05-22	01-04	02-09	-	AUG

	MINIMUM	-	-	-	3.4	3.8	18.4	8.9	14.0	14.0	7.0	4.4	-	3.4
	DAY-HR	-	-	-	22-15	02-13	21-16	06-20	01-05	07-16	01-21	12-16	-	APR
	# OBS	-	-	-	269	647	224	742	738	715	736	301	-	4372
POR	MEAN	-	-	-	4.0	7.9	15.3	16.9	19.5	15.7	11.3	6.8	-	14.3
	MAXIMUM	-	-	-	8.6	12.1	24.1	21.5	24.9	23.5	16.4	9.8	-	24.9
	YEAR	-	-	-	1995	1994	1995	1995	1995	1995	1994	1994	-	AUG/1995
	MINIMUM	-	-	-	3.4	3.8	9.4	8.9	13.7	9.0	5.6	4.4	-	3.4
	YEAR	-	-	-	1995	1995	1994	1995	1993	1993	1994	1995	-	APR/1995
	# OBS	-	-	-	269	1005	1038	2216	2214	2141	2213	761	-	11857

STATION: 45010 -- POR (6/1993 - 11/1995)

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
1993	MEAN	-	-	-	-	-	1014.6	1014.0	1015.5	1015.7	1015.3	1016.9	-	1015.2
	MAXIMUM	-	-	-	-	-	1017.1	1023.5	1024.6	1026.4	1028.8	1029.1	-	1029.1
	DAY-HR	-	-	-	-	-	30-21	15-15	08-15	30-07	22-17	09-17	-	NOV
	MINIMUM	-	-	-	-	-	1008.1	1001.0	1004.9	999.9	993.5	997.6	-	993.5
	DAY-HR	-	-	-	-	-	30-11	06-02	24-00	09-15	28-19	05-11	-	OCT
	# OBS	-	-	-	-	-	27	738	733	715	740	232	-	3185
1994	MEAN	-	-	-	-	1016.4	1013.4	1014.1	1016.5	1016.4	1017.3	1013.4	-	1015.5
	MAXIMUM	-	-	-	-	1027.8	1024.6	1024.1	1026.9	1028.4	1029.6	1029.7	-	1029.7
	DAY-HR	-	-	-	-	17-17	03-15	10-19	09-16	02-15	10-17	10-14	-	NOV
	MINIMUM	-	-	-	-	1002.7	999.7	1005.9	1005.1	1002.2	1005.2	999.0	-	999.0
	DAY-HR	-	-	-	-	26-01	24-09	21-22	20-11	26-11	23-00	06-06	-	NOV
	# OBS	-	-	-	-	358	720	736	741	712	738	228	-	4233
1995	MEAN	-	-	-	1013.9	1013.3	1011.5	1012.4	1014.7	1018.0	1011.3	1014.3	-	1013.8
	MAXIMUM	-	-	-	1021.4	1026.7	1018.0	1021.7	1024.5	1029.2	1027.1	1027.5	-	1029.2
	DAY-HR	-	-	-	30-17	26-14	22-15	30-14	22-16	23-16	30-15	04-17	-	SEP
	MINIMUM	-	-	-	1001.3	995.2	1007.8	1005.4	1007.2	1006.1	981.9	999.4	-	981.9
	DAY-HR	-	-	-	21-12	14-09	28-22	22-23	31-08	30-22	27-13	10-09	-	OCT
	# OBS	-	-	-	269	646	224	743	738	716	736	301	-	4373
POR	MEAN	-	-	-	1013.9	1014.4	1013.0	1013.5	1015.6	1016.7	1014.6	1014.8	-	1014.8
	MAXIMUM	-	-	-	1021.4	1027.8	1024.6	1024.1	1026.9	1029.2	1029.6	1029.7	-	1029.7
	YEAR	-	-	-	1995	1994	1994	1994	1994	1995	1994	1994	-	NOV/1994
	MINIMUM	-	-	-	1001.3	995.2	999.7	1001.0	1004.9	999.9	981.9	997.6	-	981.9
	YEAR	-	-	-	1995	1995	1994	1993	1993	1993	1995	1993	-	OCT/1995
	# OBS	-	-	-	269	1004	971	2217	2212	2143	2214	761	-	11791

STATION: 45010 -- POR (6/1993 - 11/1995)

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
1993	MEAN	-	-	-	-	-	10.2	7.6	6.7	9.0	11.1	11.1	-	8.8
	MAXIMUM	-	-	-	-	-	29.0	24.3	24.1	23.9	25.9	22.4	-	29.0
	DAY-HR	-	-	-	-	-	30-10	06-02	09-19	09-15	21-08	07-21	-	JUN
	MINIMUM	-	-	-	-	-	1.4	0.4	0.0	0.0	0.0	0.0	-	0.0
	DAY-HR	-	-	-	-	-	28-11	17-10	08-14	26-16	17-23	05-01	-	NOV
	# OBS	-	-	-	-	-	95	737	735	715	740	232	-	3254
1994	MEAN	-	-	-	-	8.3	7.9	8.6	7.4	6.9	11.5	-	-	7.9
	MAXIMUM	-	-	-	-	23.1	25.1	22.9	20.8	17.1	18.9	-	-	25.1
	DAY-HR	-	-	-	-	26-15	08-06	02-19	28-03	22-20	01-13	-	-	JUN
	MINIMUM	-	-	-	-	0.0	0.0	0.4	0.2	0.2	1.7	-	-	0.0
	DAY-HR	-	-	-	-	19-17	11-03	06-19	17-12	09-15	05-16	-	-	JUN
	# OBS	-	-	-	-	358	720	325	482	712	159	-	-	2756
1995	MEAN	-	-	-	8.7	8.6	6.4	7.5	7.3	10.5	11.5	15.8	-	9.4
	MAXIMUM	-	-	-	22.7	19.8	16.3	21.6	25.3	28.8	24.9	31.9	-	31.9
	DAY-HR	-	-	-	27-10	28-01	30-23	28-02	28-15	07-16	24-11	11-10	-	NOV
	MINIMUM	-	-	-	0.0	0.0	0.0	0.0	0.0	0.4	0.8	1.6	-	0.0
	DAY-HR	-	-	-	24-04	05-08	25-00	27-12	16-19	12-10	22-23	09-08	-	AUG
	# OBS	-	-	-	269	645	224	743	738	716	735	300	-	4370
POR	MEAN	-	-	-	8.7	8.5	7.8	7.7	7.1	8.8	11.3	13.8	-	8.8
	MAXIMUM	-	-	-	22.7	23.1	29.0	24.3	25.3	28.8	25.9	31.9	-	31.9

> 48	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.4	21.9	7.8	7.8	6.3	5.6	16.0	4.5	1.9	1.5	9.7	10.4	6.3	100.0		
TOTAL N	1	59	21	21	17	15	43	12	5	4	26	28	17		269	

(* < 0.05%)

STATION: 45010

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	0.4	0.1	-	-	-	-	-	0.2	0.1	0.1	0.1	0.1	0.1	1.2	12
1 - 3		0.7	0.9	0.4	1.0	2.1	1.4	0.9	0.2	0.8	1.0	1.2	1.4	12.0	120
4 - 6		2.8	2.5	1.6	1.2	2.1	4.2	2.8	0.4	1.2	2.2	0.8	1.5	23.2	233
7 - 10		9.4	2.4	0.9	0.4	1.5	6.3	2.4	1.2	2.8	2.4	2.1	0.6	32.3	324
11 - 15		8.2	2.5	1.1	1.6	0.9	4.4	0.4	0.7	1.2	3.2	1.2	0.5	25.8	259
16 - 20		1.0	0.3	0.2	0.9	0.4	1.0	-	-	0.6	0.4	0.3	-	5.1	51
21 - 24		0.2	0.2	-	-	-	-	-	-	-	-	-	-	0.4	4
25 - 33		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
34 - 47		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.4	22.3	8.8	4.2	5.1	7.0	17.2	6.7	2.6	6.7	9.3	5.7	4.1	100.0	
TOTAL N	4	224	88	42	51	70	173	67	26	67	93	57	41		1003

(* < 0.05%)

STATION: 45010

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	0.2	-	0.1	-	-	0.2	0.1	-	-	0.1	-	-	-	0.7	7
1 - 3		1.3	1.4	2.3	1.4	1.3	1.3	1.5	1.6	0.9	0.9	0.5	0.8	15.2	158
4 - 6		4.0	3.4	2.3	1.5	2.8	4.5	3.8	0.8	1.0	2.1	1.3	1.5	29.0	301
7 - 10		4.9	3.8	2.4	1.3	1.4	6.6	3.7	0.8	1.4	2.4	1.6	1.2	31.7	329
11 - 15		2.9	3.2	1.3	0.7	0.8	3.2	0.4	1.0	0.8	0.8	1.6	1.1	17.5	182
16 - 20		1.3	1.9	0.3	-	-	-	-	-	0.3	0.5	0.1	-	4.3	45
21 - 24		0.4	0.8	0.2	-	0.1	-	-	-	-	-	-	-	1.4	15
25 - 33		-	0.1	-	-	0.1	-	-	-	-	-	-	-	0.2	2
34 - 47		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.2	14.7	14.7	8.8	5.0	6.6	15.8	9.3	4.1	4.4	6.6	5.1	4.5	100.0	
TOTAL N	2	153	153	91	52	69	164	97	43	46	69	53	47		1039

(* < 0.05%)

STATION: 45010

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	0.2	-	-	-	0.1	0.1	0.1	0.1	0.1	0.1	0.1	-	-	0.6	11
1 - 3		1.0	1.1	1.2	0.9	0.9	1.3	1.7	1.2	0.9	0.7	0.9	1.5	13.2	239
4 - 6		2.3	2.6	1.1	1.9	2.0	5.3	4.7	1.6	2.3	1.8	1.4	0.9	28.0	505
7 - 10		2.3	2.0	1.9	1.6	2.9	8.1	4.1	1.8	3.5	2.8	3.5	1.5	36.1	651
11 - 15		0.4	1.6	0.6	0.4	0.9	5.3	1.5	0.9	1.2	2.7	2.4	0.5	18.3	331
16 - 20		0.1	0.3	-	-	0.1	0.7	0.6	0.1	0.4	0.7	0.5	-	3.5	64
21 - 24		-	0.1	-	-	0.1	-	0.1	0.1	-	-	-	-	0.2	4
25 - 33		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
34 - 47		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.2	6.0	7.6	4.7	5.0	7.1	20.7	12.7	5.7	8.4	8.8	8.8	4.4	100.0	
TOTAL N	3	109	138	85	90	128	373	229	103	151	158	158	80		1805

(* < 0.05%)

STATION: 45010

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	0.2	-	-	0.2	0.1	0.1	0.1	-	0.2	-	0.1	-	-	0.8	15
1 - 3		1.5	1.5	1.2	1.6	1.9	2.3	1.7	1.3	1.2	1.7	1.0	1.2	18.3	357
4 - 6		2.3	2.2	1.4	1.6	3.4	4.9	4.1	2.4	2.8	2.2	2.0	1.8	31.1	608
7 - 10		2.5	1.5	1.0	1.3	2.3	5.9	4.1	2.4	2.1	2.9	3.3	2.3	31.6	617
11 - 15		2.1	1.2	0.4	0.4	0.4	3.1	1.2	1.2	1.0	1.1	1.7	1.7	15.4	301

16 - 20	0.2	0.4	0.2	-	0.5	0.3	0.2	0.4	0.1	0.1	0.2	0.1	2.6	51
21 - 24	-	-	-	-	0.1	-	0.1	0.1	0.1	-	-	-	0.3	5
25 - 33	-	0.1	-	-	-	-	-	-	-	-	-	-	0.1	1
34 - 47	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.2	8.5	6.8	4.5	5.0	8.5	16.5	11.5	8.0	7.3	8.0	8.2	7.1	100.0
TOTAL N	4	166	133	87	98	166	323	225	156	142	156	160	139	1955

(* < 0.05%)

STATION: 45010

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

Month: SEP

		WIND DIRECTION												TOT %	TOT N
WIND SPEED	CALM	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
0	0.3	-	*	*	0.1	0.1	0.2	-	0.1	-	0.2	*	-	1.1	24
1 - 3	0.8	0.5	0.7	0.9	1.2	1.2	1.6	1.2	1.2	1.2	0.8	1.3	0.5	11.8	253
4 - 6	1.0	1.0	1.4	1.7	1.8	3.9	4.1	1.3	1.7	3.1	1.6	0.7	23.2	497	
7 - 10	2.1	1.8	1.4	1.1	3.0	5.8	2.7	1.8	2.7	3.5	2.5	2.6	31.1	666	
11 - 15	2.5	0.8	0.8	0.5	0.7	4.3	1.6	1.6	2.5	1.4	3.5	2.8	23.3	500	
16 - 20	1.7	0.7	0.3	0.1	0.2	1.1	0.2	0.6	0.6	0.3	1.3	0.7	7.7	165	
21 - 24	0.4	0.1	-	-	-	0.2	-	0.1	0.1	0.3	-	-	1.2	26	
25 - 33	*	0.5	-	-	-	-	-	-	-	-	-	-	0.6	12	
34 - 47	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0	
> 48	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0	
TOTAL %	0.3	8.5	5.5	4.7	4.5	7.0	16.7	10.1	6.6	8.8	9.6	10.2	7.3	100.0	
TOTAL N	6	183	118	101	97	151	358	217	142	188	206	219	157	2143	

(* < 0.05%)

STATION: 45010

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

Month: OCT

		WIND DIRECTION												TOT %	TOT N
WIND SPEED	CALM	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
0	0.1	-	-	-	-	-	-	0.1	-	-	-	-	0.1	0.2	3
1 - 3	0.6	1.0	0.8	0.5	0.6	0.6	0.6	0.6	0.2	0.5	0.3	0.4	0.6	6.5	107
4 - 6	0.8	0.7	1.2	0.7	1.0	1.5	1.5	0.9	0.9	1.7	0.8	0.9	12.5	204	
7 - 10	1.1	1.7	1.3	1.0	0.6	4.2	3.5	2.6	3.1	3.0	1.6	1.2	25.0	408	
11 - 15	1.5	2.3	2.1	1.4	0.4	3.7	3.4	3.8	4.7	5.1	5.4	0.9	34.6	565	
16 - 20	2.1	1.1	1.3	0.4	-	1.7	1.2	1.8	2.0	3.4	1.8	0.4	17.2	281	
21 - 24	1.2	0.1	-	-	-	0.1	0.1	0.4	0.3	1.2	0.1	-	3.5	57	
25 - 33	0.2	-	-	-	-	-	-	0.1	0.1	0.2	-	-	0.6	9	
34 - 47	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0	
> 48	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0	
TOTAL %	0.1	7.6	6.7	6.8	4.0	2.4	11.8	10.3	9.8	11.6	14.7	10.2	4.0	100.0	
TOTAL N	1	124	110	111	66	40	192	168	160	190	241	166	65	1634	

(* < 0.05%)

STATION: 45010

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

Month: NOV

		WIND DIRECTION												TOT %	TOT N
WIND SPEED	CALM	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
0	0.2	-	-	-	-	-	-	-	-	-	-	-	-	0.2	1
1 - 3	0.2	-	0.4	-	0.2	-	0.4	0.2	0.2	0.6	0.6	-	2.6	14	
4 - 6	0.4	-	0.2	0.2	0.2	-	0.9	0.9	1.7	0.4	1.3	0.4	6.6	35	
7 - 10	0.2	-	-	-	0.9	2.6	3.4	3.9	2.4	1.5	2.6	2.8	20.5	109	
11 - 15	0.2	0.2	1.1	0.6	-	1.3	6.6	8.1	4.1	3.0	2.4	4.1	31.8	169	
16 - 20	1.3	-	0.6	-	-	0.4	4.9	3.9	0.2	5.1	8.3	4.3	28.9	154	
21 - 24	0.4	-	-	-	-	0.2	0.8	0.8	0.2	1.3	0.9	0.4	4.9	26	
25 - 33	1.1	-	-	-	-	1.3	-	-	-	-	0.9	1.1	4.5	24	
34 - 47	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0	
> 48	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0	
TOTAL %	0.2	3.8	0.2	2.3	0.8	1.3	5.8	16.9	17.9	8.8	11.8	17.1	13.2	100.0	
TOTAL N	1	20	1	12	4	7	31	90	95	47	63	91	70	532	

(* < 0.05%)

STATION: 45010

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

All Months: Annual

		WIND DIRECTION												TOT %	TOT N
WIND SPEED	CALM	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
0	0.2	*	*	*	*	0.1	0.1	*	0.1	*	0.1	*	*	0.7	77

1 - 3	1.0	1.0	1.1	1.0	1.2	1.3	1.3	0.9	0.9	0.9	0.9	0.9	12.3	1275
4 - 6	2.0	1.8	1.4	1.4	2.1	3.8	3.4	1.3	1.7	2.1	1.4	1.1	23.6	2448
7 - 10	3.1	1.9	1.4	1.1	2.0	6.0	3.4	1.9	2.6	2.8	2.6	1.8	30.7	3185
11 - 15	2.5	1.7	1.0	0.8	0.6	3.9	1.8	1.9	2.1	2.4	2.8	1.5	22.9	2379
16 - 20	1.0	0.7	0.4	0.2	0.2	0.8	0.6	0.7	0.6	1.1	1.2	0.5	8.0	830
21 - 24	0.3	0.1	*	-	*	0.1	0.1	0.1	0.1	0.3	0.1	*	1.3	138
25 - 33	0.1	0.1	-	-	*	0.1	-	*	*	*	*	0.1	0.5	48
34 - 47	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.2	10.0	7.3	5.3	4.6	6.2	16.0	10.6	7.0	8.0	9.7	9.0	5.9	100.0
TOTAL N	22	1038	762	550	475	646	1657	1105	730	835	1012	932	616	10380

(* < 0.05%)

STATION: 45010

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

Months: MAR, APR, MAY (Spring)

		WIND DIRECTION													TOT %	TOT N
WIND SPEED	CALM	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34			
0	0.4	0.1	-	-	-	0.2	-	0.2	0.1	0.1	0.1	0.1	0.1	1.3	16	
1 - 3		0.8	0.9	0.8	1.0	1.9	1.5	0.8	0.2	0.6	0.9	0.9	1.3	11.6	147	
4 - 6		3.6	2.4	1.7	1.3	2.0	3.9	2.8	0.6	1.1	2.0	0.7	1.6	23.4	298	
7 - 10		8.7	2.4	0.9	0.3	1.7	6.3	2.0	1.0	2.3	2.4	2.8	0.9	31.8	405	
11 - 15		7.8	2.6	1.3	1.7	0.7	4.6	0.3	0.6	1.0	3.5	1.6	0.5	26.0	331	
16 - 20		1.0	0.2	0.3	1.0	0.3	0.8	-	-	0.5	0.6	0.6	0.2	5.5	70	
21 - 24		0.2	0.2	-	-	-	-	-	-	-	-	-	-	0.4	5	
25 - 33		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0	
34 - 47		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0	
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0	
TOTAL %	0.4	22.2	8.6	5.0	5.3	6.7	17.0	6.2	2.4	5.6	9.4	6.7	4.6	100.0		
TOTAL N	5	283	109	63	68	85	216	79	31	71	119	85	58		1272	

(* < 0.05%)

STATION: 45010

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

Months: JUN, JUL, AUG (Summer)

		WIND DIRECTION													TOT %	TOT N
WIND SPEED	CALM	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34			
0	0.2	-	*	0.1	*	0.1	0.1	*	0.1	*	*	-	-	0.7	33	
1 - 3		1.3	1.3	1.4	1.3	1.4	1.7	1.7	1.4	1.0	1.1	0.9	1.2	15.7	754	
4 - 6		2.6	2.6	1.5	1.7	2.8	4.9	4.3	1.7	2.2	2.0	1.6	1.4	29.5	1414	
7 - 10		3.0	2.2	1.6	1.4	2.3	6.9	4.0	1.8	2.5	2.8	3.0	1.7	33.3	1597	
11 - 15		1.6	1.8	0.6	0.5	0.7	3.9	1.1	1.1	1.0	1.6	1.9	1.1	17.0	814	
16 - 20		0.4	0.7	0.1	-	0.3	0.4	0.3	0.2	0.3	0.4	0.3	*	3.3	160	
21 - 24		0.1	0.2	*	-	0.1	-	0.1	*	*	-	-	-	0.5	24	
25 - 33		-	*	-	-	*	-	-	-	-	-	-	-	0.1	3	
34 - 47		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0	
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0	
TOTAL %	0.2	8.9	8.8	5.5	5.0	7.6	17.9	11.5	6.3	7.1	8.0	7.7	5.5	100.0		
TOTAL N	9	428	424	263	240	363	860	551	302	339	383	371	266		4799	

(* < 0.05%)

STATION: 45010

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

Months: SEP, OCT, NOV (Autumn)

		WIND DIRECTION													TOT %	TOT N
WIND SPEED	CALM	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34			
0	0.2	-	*	*	0.1	*	0.1	*	*	-	0.1	*	*	0.6	28	
1 - 3		0.7	0.6	0.7	0.6	0.8	0.8	1.0	0.7	0.8	0.6	0.9	0.5	8.7	374	
4 - 6		0.8	0.8	1.2	1.2	1.3	2.5	2.7	1.1	1.4	2.2	1.3	0.7	17.1	736	
7 - 10		1.5	1.5	1.2	1.0	1.8	4.8	3.1	2.4	2.8	3.1	2.2	2.1	27.5	1183	
11 - 15		1.9	1.3	1.3	0.9	0.5	3.7	2.9	3.2	3.6	3.0	4.1	2.3	28.6	1234	
16 - 20		1.8	0.7	0.7	0.2	0.1	1.2	1.1	1.4	1.1	2.1	2.4	1.0	13.9	600	
21 - 24		0.7	0.1	-	-	-	0.2	0.1	0.3	0.2	0.8	0.2	*	2.5	109	
25 - 33		0.3	0.3	-	-	-	0.2	-	*	*	0.1	0.1	0.1	1.0	45	
34 - 47		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0	
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0	
TOTAL %	0.2	7.6	5.3	5.2	3.9	4.6	13.5	11.0	9.2	9.9	11.8	11.0	6.8	100.0		
TOTAL N	8	327	229	224	167	198	581	475	397	425	510	476	292		4309	

(* < 0.05%)

STATION: 45010

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

Month: APR

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

WIND SPEED	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	>13.4	TOT %	TOT N
0	1.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.5	4
1 - 3	9.1	1.1	-	-	-	-	-	-	-	-	-	-	-	-	-	10.3	27
4 - 6	18.6	4.6	0.4	-	-	-	-	-	-	-	-	-	-	-	-	23.6	62
7 - 10	18.3	11.8	0.4	-	-	-	-	-	-	-	-	-	-	-	-	30.4	80
11 - 15	8.4	17.5	0.8	-	-	-	-	-	-	-	-	-	-	-	-	26.6	70
16 - 20	-	7.2	-	-	-	-	-	-	-	-	-	-	-	-	-	7.2	19
21 - 24	-	0.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.4	1
25 - 33	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
34 - 47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	55.9	42.6	1.5	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	147	112	4	0	0	0	0	0	0	0	0	0	0	0	0		263

(* < 0.05%)

STATION: 45010

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	-	1.2	12
1 - 3	11.2	0.6	-	-	-	-	-	-	-	-	-	-	-	-	-	11.8	116
4 - 6	21.2	1.7	-	-	-	-	-	-	-	-	-	-	-	-	-	23.0	225
7 - 10	23.2	8.7	0.2	-	-	-	-	-	-	-	-	-	-	-	-	32.1	314
11 - 15	10.2	15.3	0.5	-	-	-	-	-	-	-	-	-	-	-	-	26.0	255
16 - 20	0.8	4.2	0.2	-	-	-	-	-	-	-	-	-	-	-	-	5.2	51
21 - 24	-	-	0.3	0.1	-	-	-	-	-	-	-	-	-	-	-	0.4	4
25 - 33	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
34 - 47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48	0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.2	2
TOTAL %	68.1	30.5	1.2	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	667	299	12	1	0	0	0	0	0	0	0	0	0	0	0		979

(* < 0.05%)

STATION: 45010

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

Month: JUN

WIND SPEED	WAVE HEIGHT														TOT %	TOT N	
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-			>13.4
0	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	-	0.7	7
1 - 3	15.1	0.3	-	-	-	-	-	-	-	-	-	-	-	-	-	15.4	157
4 - 6	27.1	1.6	0.1	-	-	-	-	-	-	-	-	-	-	-	-	28.8	294
7 - 10	24.4	7.4	-	-	-	-	-	-	-	-	-	-	-	-	-	31.8	325
11 - 15	8.3	8.2	0.7	-	-	-	-	-	-	-	-	-	-	-	-	17.2	176
16 - 20	0.8	3.0	0.6	-	-	-	-	-	-	-	-	-	-	-	-	4.4	45
21 - 24	-	0.4	1.1	-	-	-	-	-	-	-	-	-	-	-	-	1.5	15
25 - 33	-	0.1	0.1	-	-	-	-	-	-	-	-	-	-	-	-	0.2	2
34 - 47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	76.4	21.1	2.5	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	780	215	26	0	0	0	0	0	0	0	0	0	0	0	0		1021

(* < 0.05%)

STATION: 45010

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

Month: JUL

WIND SPEED	WAVE HEIGHT														TOT %	TOT N	
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-			>13.4
0	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	-	0.5	11
1 - 3	10.4	0.4	-	-	-	-	-	-	-	-	-	-	-	-	-	10.8	233
4 - 6	21.0	1.9	-	-	-	-	-	-	-	-	-	-	-	-	-	22.9	495
7 - 10	23.9	5.8	-	-	-	-	-	-	-	-	-	-	-	-	-	29.7	641
11 - 15	7.6	7.2	0.1	-	-	-	-	-	-	-	-	-	-	-	-	14.9	322
16 - 20	0.9	1.9	*	-	-	-	-	-	-	-	-	-	-	-	-	2.9	62
21 - 24	-	0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	0.2	4
25 - 33	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
34 - 47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48	15.8	2.3	-	-	-	-	-	-	-	-	-	-	-	-	-	18.1	390
TOTAL %	80.0	19.8	0.2	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	1727	427	4	0	0	0	0	0	0	0	0	0	0	0	0		2158

(* < 0.05%)

STATION: 45010

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

Month: AUG

WIND SPEED	WAVE HEIGHT															TOT %	TOT N	
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4			
0	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	-	0.6	14	
1 - 3	0.6	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16.3	354
4 - 6	14.5	1.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	27.5	600
7 - 10	23.1	4.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	27.8	605
11 - 15	20.8	6.8	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	13.6	296
16 - 20	5.8	7.5	0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	2.2	49
21 - 24	0.5	1.2	0.6	-	-	-	-	-	-	-	-	-	-	-	-	-	0.2	5
25 - 33	-	0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	1
34 - 47	-	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	1
> 48	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	5.8	4.4	1.1	0.4	-	-	-	-	-	-	-	-	-	-	-	11.7	254	
TOTAL N	71.2	26.5	2.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0		2178

(* < 0.05%)

STATION: 45010

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	-	1.1	24	
1 - 3	0.9	0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11.8	250
4 - 6	9.9	2.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	23.3	492
7 - 10	18.4	4.8	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	31.1	656
11 - 15	17.8	13.1	0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	23.2	489
16 - 20	7.2	14.7	1.2	-	-	-	-	-	-	-	-	-	-	-	-	-	7.7	162
21 - 24	0.9	5.2	1.3	0.2	-	-	-	-	-	-	-	-	-	-	-	-	1.2	26
25 - 33	-	0.9	0.3	*	-	-	-	-	-	-	-	-	-	-	-	-	0.6	12
34 - 47	-	-	-	0.1	0.4	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	55.2	40.8	3.1	0.4	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0		2111
TOTAL N	1166	862	66	8	9	0	0	0	0	0	0	0	0	0	0			

(* < 0.05%)

STATION: 45010

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	-	0.1	3	
1 - 3	0.1	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.9	105
4 - 6	4.1	0.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9.4	200
7 - 10	7.0	2.2	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	18.9	404
11 - 15	12.5	6.1	0.3	-	-	-	-	-	-	-	-	-	-	-	-	-	24.6	526
16 - 20	10.3	13.0	1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	12.4	264
21 - 24	1.8	7.5	2.9	0.1	-	-	-	-	-	-	-	-	-	-	-	-	2.3	50
25 - 33	0.1	1.2	0.6	0.5	-	-	-	-	-	-	-	-	-	-	-	-	0.3	7
34 - 47	-	0.1	-	0.2	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	15.6	11.4	-	-	-	-	-	-	-	-	-	-	-	-	-	26.9	575	
TOTAL N	51.4	42.5	5.3	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0		2134

(* < 0.05%)

STATION: 45010

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	-	0.1	1	
1 - 3	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.9	14
4 - 6	1.2	0.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.7	35
7 - 10	2.4	2.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14.6	108
11 - 15	5.3	9.2	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	21.9	162
16 - 20	7.4	13.3	1.2	-	-	-	-	-	-	-	-	-	-	-	-	-	19.5	144

21 - 24	-	2.4	0.4	0.4	-	-	-	-	-	-	-	-	-	-	-	3.2	24
25 - 33	-	-	1.1	2.2	-	-	-	-	-	-	-	-	-	-	-	3.2	24
34 - 47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48	4.3	20.6	5.8	-	-	-	-	-	-	-	-	-	-	-	-	30.7	227
TOTAL %	21.9	63.1	12.4	2.6	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	162	466	92	19	0	0	0	0	0	0	0	0	0	0	0		739

(* < 0.05%)

STATION: 45010

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

All Months: Annual

		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	-	0.7	76
1 - 3		9.8	1.1	-	-	-	-	-	-	-	-	-	-	-	-	-	10.8	1256
4 - 6		17.7	3.0	0.1	-	-	-	-	-	-	-	-	-	-	-	-	20.7	2403
7 - 10		18.8	8.1	0.1	-	-	-	-	-	-	-	-	-	-	-	-	27.0	3133
11 - 15		8.0	11.1	0.8	-	-	-	-	-	-	-	-	-	-	-	-	19.8	2296
16 - 20		1.0	4.6	1.2	0.1	-	-	-	-	-	-	-	-	-	-	-	6.9	796
21 - 24		*	0.7	0.3	0.1	-	-	-	-	-	-	-	-	-	-	-	1.1	129
25 - 33		-	*	0.1	0.2	0.1	-	-	-	-	-	-	-	-	-	-	0.4	46
34 - 47		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48		7.2	4.7	0.6	0.1	-	-	-	-	-	-	-	-	-	-	-	12.5	1448
TOTAL %		63.0	33.4	3.1	0.5	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		7296	3865	360	53	9	0	0	0	0	0	0	0	0	0	0		11583

(* < 0.05%)

STATION: 45010

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

Months: MAR, APR, MAY (Spring)

		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	-	1.3	16
1 - 3		10.8	0.7	-	-	-	-	-	-	-	-	-	-	-	-	-	11.5	143
4 - 6		20.7	2.3	0.1	-	-	-	-	-	-	-	-	-	-	-	-	23.1	287
7 - 10		22.1	9.3	0.2	-	-	-	-	-	-	-	-	-	-	-	-	31.7	394
11 - 15		9.8	15.8	0.6	-	-	-	-	-	-	-	-	-	-	-	-	26.2	325
16 - 20		0.6	4.8	0.2	-	-	-	-	-	-	-	-	-	-	-	-	5.6	70
21 - 24		-	0.1	0.2	0.1	-	-	-	-	-	-	-	-	-	-	-	0.4	5
25 - 33		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
34 - 47		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48		0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.2	2
TOTAL %		65.5	33.1	1.3	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		814	411	16	1	0	0	0	0	0	0	0	0	0	0	0		1242

(* < 0.05%)

STATION: 45010

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

Months: JUN, JUL, AUG (Summer)

		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	-	0.6	32
1 - 3		13.0	0.9	-	-	-	-	-	-	-	-	-	-	-	-	-	13.9	744
4 - 6		23.0	2.9	*	-	-	-	-	-	-	-	-	-	-	-	-	25.9	1389
7 - 10		22.7	6.6	*	-	-	-	-	-	-	-	-	-	-	-	-	29.3	1571
11 - 15		7.0	7.5	0.3	-	-	-	-	-	-	-	-	-	-	-	-	14.8	794
16 - 20		0.7	1.8	0.4	-	-	-	-	-	-	-	-	-	-	-	-	2.9	156
21 - 24		-	0.2	0.2	-	-	-	-	-	-	-	-	-	-	-	-	0.4	24
25 - 33		-	*	*	-	-	-	-	-	-	-	-	-	-	-	-	0.1	3
34 - 47		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48		8.7	2.7	0.4	0.1	-	-	-	-	-	-	-	-	-	-	-	12.0	644
TOTAL %		75.7	22.8	1.4	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		4057	1219	73	8	0	0	0	0	0	0	0	0	0	0	0		5357

(* < 0.05%)

STATION: 45010

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

Months: SEP, OCT, NOV (Autumn)

		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	-	0.6	28
1 - 3		9.8	1.1	-	-	-	-	-	-	-	-	-	-	-	-	-	10.8	1256
4 - 6		17.7	3.0	0.1	-	-	-	-	-	-	-	-	-	-	-	-	20.7	2403
7 - 10		18.8	8.1	0.1	-	-	-	-	-	-	-	-	-	-	-	-	27.0	3133
11 - 15		8.0	11.1	0.8	-	-	-	-	-	-	-	-	-	-	-	-	19.8	2296
16 - 20		1.0	4.6	1.2	0.1	-	-	-	-	-	-	-	-	-	-	-	6.9	796
21 - 24		*	0.7	0.3	0.1	-	-	-	-	-	-	-	-	-	-	-	1.1	129
25 - 33		-	*	0.1	0.2	0.1	-	-	-	-	-	-	-	-	-	-	0.4	46
34 - 47		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48		7.2	4.7	0.6	0.1	-	-	-	-	-	-	-	-	-	-	-	12.5	1448
TOTAL %		63.0	33.4	3.1	0.5	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		7296	3865	360	53	9	0	0	0	0	0	0	0	0	0	0		11583

(* < 0.05%)

1 - 3	6.1	1.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7.4	369
4 - 6	11.2	3.3	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	14.6	727
7 - 10	13.7	9.5	0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	23.4	1168
11 - 15	8.6	13.7	1.3	-	-	-	-	-	-	-	-	-	-	-	-	-	23.6	1177
16 - 20	1.3	7.6	2.4	0.1	-	-	-	-	-	-	-	-	-	-	-	-	11.4	570
21 - 24	*	1.3	0.4	0.3	-	-	-	-	-	-	-	-	-	-	-	-	2.0	100
25 - 33	-	0.1	0.2	0.5	0.2	-	-	-	-	-	-	-	-	-	-	-	0.9	43
34 - 47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48	7.3	7.9	0.9	-	-	-	-	-	-	-	-	-	-	-	-	-	16.1	802
TOTAL %	48.7	44.8	5.4	0.9	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	2425	2235	271	44	9	0	0	0	0	0	0	0	0	0	0	0		4984

(* < 0.05%)

STATION: 45010

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

Month: APR

		WAVE HEIGHT																
		0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4	TOT %	TOT N
WAVE PERIOD	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4				
< 0.5	11.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11.0	29
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	2.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.7	7
2.5 - 3.4	20.9	7.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	28.1	74
3.5 - 4.4	11.4	13.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	24.7	65
4.5 - 5.4	7.6	11.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	19.0	50
5.5 - 6.4	1.9	4.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6.5	17
6.5 - 7.4	0.4	4.2	0.8	-	-	-	-	-	-	-	-	-	-	-	-	-	5.3	14
7.5 - 8.4	-	1.9	0.8	-	-	-	-	-	-	-	-	-	-	-	-	-	2.7	7
TOTAL %	55.9	42.6	1.5	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	100.0	
TOTAL N	147	112	4	0	0	0	0	0	0	0	0	0	0	0	0	0		263

(* < 0.05%)

STATION: 45010

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

Month: MAY

		WAVE HEIGHT																
		0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4	TOT %	TOT N
WAVE PERIOD	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4				
< 0.5	30.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	30.7	301
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	5.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.2	51
2.5 - 3.4	21.3	3.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	24.4	239
3.5 - 4.4	9.8	13.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	23.2	227
4.5 - 5.4	1.0	10.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11.7	115
5.5 - 6.4	-	3.1	0.3	-	-	-	-	-	-	-	-	-	-	-	-	-	3.4	33
6.5 - 7.4	-	0.3	0.4	0.1	-	-	-	-	-	-	-	-	-	-	-	-	0.8	8
7.5 - 8.4	-	-	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	0.5	5
TOTAL %	68.1	30.5	1.2	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	667	299	12	1	0	0	0	0	0	0	0	0	0	0	0	0		979

(* < 0.05%)

STATION: 45010

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

Month: JUN

		WAVE HEIGHT																
		0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4	TOT %	TOT N
WAVE PERIOD	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4				
< 0.5	39.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	39.1	399
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	1.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.1	11
2.5 - 3.4	24.6	2.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	27.1	277
3.5 - 4.4	9.8	9.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	19.7	201
4.5 - 5.4	1.9	7.1	1.1	-	-	-	-	-	-	-	-	-	-	-	-	-	10.0	102
5.5 - 6.4	-	1.5	1.0	-	-	-	-	-	-	-	-	-	-	-	-	-	2.4	25
6.5 - 7.4	-	0.1	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	0.6	6
TOTAL %	76.4	21.1	2.5	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	100.0	
TOTAL N	780	215	26	0	0	0	0	0	0	0	0	0	0	0	0	0		1021

(* < 0.05%)

STATION: 45010

5 - PERCENT FREQUENCY OF SIGNIFICANT WAVE HEIGHT(METERS) VS DOMINANT 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-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4		
< 0.5	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	>13.4	TOT %	TOT N
< 0.5	21.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	21.6	467
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	1.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.8	38
2.5 - 3.4	36.1	2.1	-	-	-	-	-	-	-	-	-	-	-	-	-	38.2	824
3.5 - 4.4	17.9	9.1	-	-	-	-	-	-	-	-	-	-	-	-	-	27.1	584
4.5 - 5.4	2.2	6.6	0.1	-	-	-	-	-	-	-	-	-	-	-	-	8.9	192
5.5 - 6.4	0.5	1.7	*	-	-	-	-	-	-	-	-	-	-	-	-	2.2	47
6.5 - 7.4	-	0.3	-	-	-	-	-	-	-	-	-	-	-	-	-	0.3	6
TOTAL %	80.0	19.8	0.2	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	1727	427	4	0	0	0	0	0	0	0	0	0	0	0	0		2158

(* < 0.05%)

STATION: 45010

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	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-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4		
< 0.5	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	>13.4	TOT %	TOT N
< 0.5	22.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	22.7	495
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	0.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.7	16
2.5 - 3.4	23.3	1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	24.7	537
3.5 - 4.4	19.0	10.9	-	-	-	-	-	-	-	-	-	-	-	-	-	29.9	651
4.5 - 5.4	4.9	8.7	0.1	-	-	-	-	-	-	-	-	-	-	-	-	13.7	299
5.5 - 6.4	0.6	4.8	0.8	*	-	-	-	-	-	-	-	-	-	-	-	6.2	135
6.5 - 7.4	-	0.6	0.7	*	-	-	-	-	-	-	-	-	-	-	-	1.4	31
7.5 - 8.4	-	-	0.3	0.3	-	-	-	-	-	-	-	-	-	-	-	0.6	13
8.5 - 9.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
9.5 - 10.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
10.5 - 11.4	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	1
TOTAL %	71.2	26.5	2.0	0.4	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	1550	577	43	8	0	0	0	0	0	0	0	0	0	0	0		2178

(* < 0.05%)

STATION: 45010

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	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-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4		
< 0.5	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	>13.4	TOT %	TOT N
< 0.5	19.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	19.2	406
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	1.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.9	40
2.5 - 3.4	16.1	3.2	-	-	-	-	-	-	-	-	-	-	-	-	-	19.2	406
3.5 - 4.4	11.7	10.1	-	-	-	-	-	-	-	-	-	-	-	-	-	21.8	460
4.5 - 5.4	5.2	15.6	0.4	-	-	-	-	-	-	-	-	-	-	-	-	21.2	447
5.5 - 6.4	1.1	9.2	1.8	0.1	-	-	-	-	-	-	-	-	-	-	-	12.1	256
6.5 - 7.4	0.1	2.6	0.9	*	-	-	-	-	-	-	-	-	-	-	-	3.6	76
7.5 - 8.4	-	0.1	0.1	*	0.2	-	-	-	-	-	-	-	-	-	-	0.6	12
8.5 - 9.4	-	-	-	0.2	0.2	-	-	-	-	-	-	-	-	-	-	0.4	8
TOTAL %	55.2	40.8	3.1	0.4	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	1166	862	66	8	9	0	0	0	0	0	0	0	0	0	0		2111

(* < 0.05%)

STATION: 45010

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

Month: OCT

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-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4		
< 0.5	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	>13.4	TOT %	TOT N
< 0.5	5.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.4	115
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	2.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.2	48
2.5 - 3.4	21.2	5.7	-	-	-	-	-	-	-	-	-	-	-	-	-	26.9	574
3.5 - 4.4	14.8	9.7	-	-	-	-	-	-	-	-	-	-	-	-	-	24.5	522
4.5 - 5.4	6.1	14.4	0.6	-	-	-	-	-	-	-	-	-	-	-	-	21.1	450
5.5 - 6.4	1.4	9.9	2.8	-	-	-	-	-	-	-	-	-	-	-	-	14.1	300
6.5 - 7.4	0.3	2.7	1.5	0.1	-	-	-	-	-	-	-	-	-	-	-	4.7	100
7.5 - 8.4	-	*	0.3	0.3	-	-	-	-	-	-	-	-	-	-	-	0.7	14
8.5 - 9.4	-	-	0.1	0.4	-	-	-	-	-	-	-	-	-	-	-	0.5	11
TOTAL %	51.4	42.5	5.3	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	

TOTAL N 1097 907 113 17 0 0 0 0 0 0 0 0 0 0 0 0 2134
 (* < 0.05%)

STATION: 45010

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

Month: NOV

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4		
< 0.5	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	>13.4	3.2	24
0.5 - 1.4	3.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	0.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.9	7
2.5 - 3.4	6.4	6.4	-	-	-	-	-	-	-	-	-	-	-	-	-	12.7	94
3.5 - 4.4	5.3	7.7	-	-	-	-	-	-	-	-	-	-	-	-	-	13.0	96
4.5 - 5.4	4.6	22.1	0.9	-	-	-	-	-	-	-	-	-	-	-	-	27.6	204
5.5 - 6.4	1.2	20.2	3.8	-	-	-	-	-	-	-	-	-	-	-	-	25.2	186
6.5 - 7.4	0.3	6.6	2.4	0.5	-	-	-	-	-	-	-	-	-	-	-	9.9	73
7.5 - 8.4	-	0.1	3.8	1.1	-	-	-	-	-	-	-	-	-	-	-	5.0	37
8.5 - 9.4	-	-	1.5	0.9	-	-	-	-	-	-	-	-	-	-	-	2.4	18
TOTAL %	21.9	63.1	12.4	2.6	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	162	466	92	19	0	0	0	0	0	0	0	0	0	0	0		739

STATION: 45010

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

All Months: Annual

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4		
< 0.5	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	>13.4	19.3	2236
0.5 - 1.4	19.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	1.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.9	218
2.5 - 3.4	22.8	3.3	-	-	-	-	-	-	-	-	-	-	-	-	-	26.1	3025
3.5 - 4.4	14.0	10.2	-	-	-	-	-	-	-	-	-	-	-	-	-	24.2	2806
4.5 - 5.4	4.1	11.6	0.4	-	-	-	-	-	-	-	-	-	-	-	-	16.0	1859
5.5 - 6.4	0.8	6.5	1.3	*	-	-	-	-	-	-	-	-	-	-	-	8.6	999
6.5 - 7.4	0.1	1.7	0.8	0.1	-	-	-	-	-	-	-	-	-	-	-	2.7	314
7.5 - 8.4	-	0.1	0.4	0.2	*	-	-	-	-	-	-	-	-	-	-	0.8	88
8.5 - 9.4	-	-	0.1	0.2	*	-	-	-	-	-	-	-	-	-	-	0.3	37
9.5 - 10.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
10.5 - 11.4	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	1
TOTAL %	63.0	33.4	3.1	0.5	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	7296	3865	360	53	9	0	0	0	0	0	0	0	0	0	0		11583

STATION: 45010

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-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4		
< 0.5	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	>13.4	26.6	330
0.5 - 1.4	26.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	4.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.7	58
2.5 - 3.4	21.3	3.9	-	-	-	-	-	-	-	-	-	-	-	-	-	25.2	313
3.5 - 4.4	10.1	13.4	-	-	-	-	-	-	-	-	-	-	-	-	-	23.5	292
4.5 - 5.4	2.4	10.9	-	-	-	-	-	-	-	-	-	-	-	-	-	13.3	165
5.5 - 6.4	0.4	3.4	0.2	-	-	-	-	-	-	-	-	-	-	-	-	4.0	50
6.5 - 7.4	0.1	1.1	0.5	0.1	-	-	-	-	-	-	-	-	-	-	-	1.8	22
7.5 - 8.4	-	0.4	0.6	-	-	-	-	-	-	-	-	-	-	-	-	1.0	12
TOTAL %	65.5	33.1	1.3	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	814	411	16	1	0	0	0	0	0	0	0	0	0	0	0		1242

STATION: 45010

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-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4		
< 0.5	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	>13.4	25.4	1361
0.5 - 1.4	25.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	1.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.2	65
2.5 - 3.4	28.7	1.9	-	-	-	-	-	-	-	-	-	-	-	-	-	30.6	1638
3.5 - 4.4	16.8	10.0	-	-	-	-	-	-	-	-	-	-	-	-	-	26.8	1436

TOTAL %	51.4	42.5	5.3	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	1097	907	113	17	0	0	0	0	0	0	0	0	0	0	0		2134

(* < 0.05%)

STATION: 45010

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

Month: NOV

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		3.2	24
0.5 - 1.4	3.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.1	1
2.5 - 3.4	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	19.6	145
3.5 - 4.4	9.9	9.7	-	-	-	-	-	-	-	-	-	-	-	-	-	47.6	352
4.5 - 5.4	8.0	38.8	0.8	-	-	-	-	-	-	-	-	-	-	-	-	23.0	170
5.5 - 6.4	0.7	13.8	7.8	0.7	-	-	-	-	-	-	-	-	-	-	-	6.4	47
TOTAL %	21.9	63.1	12.4	2.6	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	162	466	92	19	0	0	0	0	0	0	0	0	0	0	0		739

(* < 0.05%)

STATION: 45010

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

All Months: Annual

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		19.3	2236
0.5 - 1.4	19.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.2	134
2.5 - 3.4	1.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	40.8	4730
3.5 - 4.4	32.8	8.0	-	-	-	-	-	-	-	-	-	-	-	-	-	30.4	3519
4.5 - 5.4	9.2	20.8	0.4	-	-	-	-	-	-	-	-	-	-	-	-	7.3	848
5.5 - 6.4	0.6	4.4	2.3	0.1	-	-	-	-	-	-	-	-	-	-	-	1.0	114
6.5 - 7.4	-	0.1	0.4	0.4	0.1	-	-	-	-	-	-	-	-	-	-	0.0	2
TOTAL %	63.0	33.4	3.1	0.5	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	7296	3865	360	53	9	0	0	0	0	0	0	0	0	0	0		11583

(* < 0.05%)

STATION: 45010

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

Months: MAR, APR, MAY (Spring)

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		26.6	330
0.5 - 1.4	26.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.1	51
2.5 - 3.4	4.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	42.3	525
3.5 - 4.4	30.0	12.3	-	-	-	-	-	-	-	-	-	-	-	-	-	22.2	276
4.5 - 5.4	4.8	17.3	0.1	-	-	-	-	-	-	-	-	-	-	-	-	3.5	44
5.5 - 6.4	0.1	2.8	0.6	-	-	-	-	-	-	-	-	-	-	-	-	1.3	16
TOTAL %	65.5	33.1	1.3	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	814	411	16	1	0	0	0	0	0	0	0	0	0	0	0		1242

(* < 0.05%)

STATION: 45010

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

Months: JUN, JUL, AUG (Summer)

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	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		25.4	1361
0.5 - 1.4	25.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.9	48
2.5 - 3.4	0.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	46.0	2465
3.5 - 4.4	39.9	6.1	-	-	-	-	-	-	-	-	-	-	-	-	-	24.5	1311
4.5 - 5.4	9.4	14.8	0.3	-	-	-	-	-	-	-	-	-	-	-	-	3.0	162
5.5 - 6.4	0.1	1.9	1.0	-	-	-	-	-	-	-	-	-	-	-	-	0.2	10
TOTAL %	75.7	22.8	1.4	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	4057	1219	73	8	0	0	0	0	0	0	0	0	0	0	0		5357

(* < 0.05%)

STATION: 45010

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-	0.5-	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	-	10.9	545
0.5 - 1.4	10.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0
2.5 - 3.4	0.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.7
3.5 - 4.4	25.8	9.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	34.9
4.5 - 5.4	10.1	28.1	0.6	-	-	-	-	-	-	-	-	-	-	-	-	-	38.8
5.5 - 6.4	1.1	7.5	4.1	0.1	-	-	-	-	-	-	-	-	-	-	-	-	12.9
6.5 - 7.4	-	0.2	0.7	0.7	0.2	-	-	-	-	-	-	-	-	-	-	-	1.8
TOTAL %	48.7	44.8	5.4	0.9	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	2425	2235	271	44	9	0	0	0	0	0	0	0	0	0	0		4984

(* < 0.05%)

STATION: 45010

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	1.1	3.0	1.1	2.7	1.9	-	-	-	-	-	0.4	0.8	11.0	29
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	1.1	0.4	0.4	-	-	0.8	-	-	-	-	-	-	2.7	7
2.5 - 3.4	7.2	3.8	3.0	0.8	3.0	9.1	0.8	-	-	0.4	-	-	28.1	74
3.5 - 4.4	4.6	10.6	1.9	2.3	0.8	4.2	0.4	-	-	-	-	-	24.7	65
4.5 - 5.4	6.1	7.2	0.4	3.8	1.5	-	-	-	-	-	-	-	19.0	50
5.5 - 6.4	1.9	4.6	-	-	-	-	-	-	-	-	-	-	6.5	17
6.5 - 7.4	0.4	4.9	-	-	-	-	-	-	-	-	-	-	5.3	14
7.5 - 8.4	-	2.7	-	-	-	-	-	-	-	-	-	-	2.7	7
TOTAL %	22.4	37.3	6.8	9.5	7.2	14.1	1.1	0.0	0.0	0.0	0.8	0.8	100.0	
TOTAL N	59	98	18	25	19	37	3	0	0	0	2	2		263

(* < 0.05%)

STATION: 45010

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	6.8	6.8	2.1	1.9	1.6	6.4	1.5	0.2	0.3	0.7	0.5	1.6	30.7	301
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	0.4	0.4	-	-	0.1	0.7	0.3	0.3	0.5	0.2	1.5	0.7	5.2	51
2.5 - 3.4	4.8	3.1	1.5	0.9	0.8	8.4	1.0	-	-	0.2	2.5	1.2	24.4	239
3.5 - 4.4	6.8	8.7	0.1	1.4	0.5	5.3	-	-	-	0.1	-	0.2	23.2	227
4.5 - 5.4	2.5	5.1	0.2	1.4	1.3	1.2	-	-	-	-	-	-	11.7	115
5.5 - 6.4	0.3	1.9	-	-	1.0	0.1	-	-	-	-	-	-	3.4	33
6.5 - 7.4	-	0.8	-	-	-	-	-	-	-	-	-	-	0.8	8
7.5 - 8.4	-	0.5	-	-	-	-	-	-	-	-	-	-	0.5	5
TOTAL %	21.7	27.4	4.0	5.7	5.4	22.2	2.9	0.5	0.8	1.2	4.5	3.8	100.0	
TOTAL N	212	268	39	56	53	217	28	5	8	12	44	37		979

(* < 0.05%)

STATION: 45010

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	7.8	6.3	2.2	2.6	3.3	9.2	2.4	0.5	0.3	1.3	2.0	1.3	39.1	399
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	0.1	0.2	0.2	0.2	-	0.1	-	-	-	-	0.2	0.1	1.1	11
2.5 - 3.4	5.1	4.5	2.3	1.1	1.7	10.6	0.6	-	-	0.1	-	1.3	27.1	277
3.5 - 4.4	5.7	4.9	0.6	1.2	1.9	5.3	-	-	-	-	-	0.2	19.7	201
4.5 - 5.4	3.1	5.4	0.2	0.4	0.2	0.6	-	-	-	-	-	0.1	10.0	102
5.5 - 6.4	0.4	1.4	-	-	0.7	-	-	-	-	-	-	-	2.4	25
6.5 - 7.4	-	0.3	-	-	0.3	-	-	-	-	-	-	-	0.6	6
TOTAL %	22.2	22.9	5.4	5.5	8.0	25.8	2.9	0.5	0.3	1.4	2.2	2.9	100.0	
TOTAL N	227	234	55	56	82	263	30	5	3	14	22	30		1021

(* < 0.05%)

STATION: 45010

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	2.0	3.1	1.3	1.9	2.0	7.2	1.1	0.2	0.2	0.5	1.3	0.9	21.7	467	
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0	
1.5 - 2.4	0.1	0.1	-	-	0.1	0.6	-	-	*	0.1	0.2	0.3	1.8	38	
2.5 - 3.4	4.6	5.1	4.5	2.0	3.8	12.9	0.8	0.1	0.3	0.9	1.7	1.4	38.2	824	
3.5 - 4.4	2.5	4.1	1.9	1.6	3.6	12.4	0.2	*	-	-	0.2	0.5	27.0	583	
4.5 - 5.4	1.6	2.5	0.3	0.3	0.9	3.2	-	-	-	-	*	-	8.9	192	
5.5 - 6.4	0.3	1.4	*	-	-	0.4	-	-	-	-	-	-	2.2	47	
6.5 - 7.4	-	0.3	-	-	-	-	-	-	-	-	-	-	0.3	6	
TOTAL %	11.2	16.6	8.0	5.9	10.4	36.8	2.1	0.4	0.5	1.5	3.5	3.1	100.0		
TOTAL N	242	359	173	127	224	793	45	8	11	33	75	67		2157	

(* < 0.05%)

STATION: 45010

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	1.9	2.2	1.7	1.5	4.4	7.4	1.2	0.2	0.1	0.5	0.9	0.8	22.7	495	
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0	
1.5 - 2.4	0.2	0.2	0.1	-	-	*	*	-	-	-	-	0.1	0.7	16	
2.5 - 3.4	3.2	3.4	1.2	1.7	2.2	11.5	0.5	0.1	*	0.2	0.1	0.6	24.7	537	
3.5 - 4.4	4.6	5.5	1.1	2.3	3.2	12.9	0.1	-	-	-	-	0.2	29.9	651	
4.5 - 5.4	3.4	4.7	0.1	0.2	0.8	4.3	*	-	-	-	-	0.1	13.7	299	
5.5 - 6.4	1.4	3.4	0.1	0.4	0.1	0.7	-	-	-	-	-	*	6.2	135	
6.5 - 7.4	0.1	1.2	-	-	0.1	-	-	-	-	-	-	-	1.4	31	
7.5 - 8.4	-	0.6	-	-	-	-	-	-	-	-	-	-	0.6	13	
8.5 - 9.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0	
9.5 - 10.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0	
10.5 - 11.4	-	-	-	-	-	-	*	-	-	-	-	-	0.0	1	
TOTAL %	14.8	21.3	4.4	6.1	10.8	36.9	1.9	0.3	0.1	0.6	1.0	1.8	100.0		
TOTAL N	322	464	95	132	236	804	41	6	3	14	21	40		2178	

(* < 0.05%)

STATION: 45010

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	3.1	3.2	1.4	1.3	2.7	5.7	0.7	0.1	0.1	0.1	0.3	0.4	19.2	406	
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0	
1.5 - 2.4	0.1	0.1	-	0.1	0.1	0.3	0.2	0.1	0.5	-	0.1	0.1	1.9	40	
2.5 - 3.4	2.8	1.6	0.7	0.7	2.9	7.2	1.4	0.1	0.1	0.1	0.7	0.9	19.2	406	
3.5 - 4.4	4.7	3.8	0.6	1.6	2.3	8.4	0.2	-	-	-	-	0.1	21.8	460	
4.5 - 5.4	3.8	6.7	0.7	1.1	1.9	6.6	-	-	-	-	-	0.2	21.2	447	
5.5 - 6.4	1.6	7.5	0.1	0.3	0.8	1.8	-	-	-	-	-	-	12.1	256	
6.5 - 7.4	*	2.7	0.1	*	0.4	0.3	-	-	-	-	-	-	3.6	76	
7.5 - 8.4	*	0.5	-	-	-	-	-	-	-	-	-	-	0.6	12	
8.5 - 9.4	*	0.3	-	-	-	-	-	-	-	-	-	-	0.4	8	
TOTAL %	16.3	26.5	3.6	5.2	11.2	30.4	2.5	0.4	0.7	0.3	1.1	1.8	100.0		
TOTAL N	344	559	76	109	237	642	53	9	15	6	24	37		2111	

(* < 0.05%)

STATION: 45010

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	0.5	1.3	0.5	0.8	0.6	1.6	*	-	-	*	-	*	5.4	115	
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0	
1.5 - 2.4	0.2	0.1	0.1	0.1	-	*	*	0.1	0.2	0.5	0.4	0.2	2.3	48	
2.5 - 3.4	4.6	1.8	0.8	1.2	1.6	8.8	1.1	0.2	0.4	1.4	3.4	1.5	26.9	574	
3.5 - 4.4	3.4	2.2	1.2	1.6	2.6	13.2	-	-	-	-	0.2	0.1	24.5	522	
4.5 - 5.4	3.1	5.3	0.8	1.7	2.3	7.8	-	*	-	-	-	*	21.0	448	
5.5 - 6.4	1.5	7.0	0.7	0.7	0.3	3.9	-	-	-	-	-	-	14.0	299	
6.5 - 7.4	*	3.4	0.2	-	-	1.1	-	-	-	-	-	-	4.7	100	
7.5 - 8.4	-	0.7	-	-	-	-	-	-	-	-	-	-	0.7	14	
8.5 - 9.4	-	0.5	-	-	-	-	-	-	-	-	-	-	0.5	11	
TOTAL %	13.4	22.4	4.3	6.1	7.3	36.4	1.2	0.3	0.7	2.0	4.1	1.9	100.0		
TOTAL N	286	477	91	130	156	775	26	7	14	42	87	40		2131	

TOTAL %	11.2	16.6	8.0	5.9	10.4	36.8	2.1	0.4	0.5	1.5	3.5	3.1	100.0	
TOTAL N	242	359	173	127	224	793	45	8	11	33	75	67	2157	

(* < 0.05%)

STATION: 45010

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	10.7	10.6	3.3	3.4	7.8	29.9	1.8	0.3	0.1	0.6	1.0	1.6	71.2	1550
0.5 - 1.4	4.1	8.8	0.9	2.4	3.0	7.0	*	-	-	-	-	0.2	26.5	577
1.5 - 2.4	-	1.6	0.1	0.3	-	-	-	-	-	-	-	-	2.0	43
2.5 - 3.4	-	0.4	-	-	-	-	-	-	-	-	-	-	0.4	8
TOTAL %	14.8	21.3	4.4	6.1	10.8	36.9	1.9	0.3	0.1	0.6	1.0	1.8	100.0	
TOTAL N	322	464	95	132	236	804	41	6	3	14	21	40	2178	

(* < 0.05%)

STATION: 45010

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		
< 0.5	10.0	9.9	2.3	2.6	6.6	18.4	2.3	0.4	0.7	0.3	0.6	1.0	55.2	1166
0.5 - 1.4	6.1	13.6	1.3	2.3	4.0	11.9	0.2	*	*	-	0.5	0.7	40.8	862
1.5 - 2.4	0.1	2.1	-	0.3	0.6	*	-	-	-	-	-	-	3.1	66
2.5 - 3.4	*	0.3	-	-	-	-	-	-	-	-	-	-	0.4	8
3.5 - 4.4	-	0.4	-	-	-	-	-	-	-	-	-	-	0.4	9
TOTAL %	16.3	26.5	3.6	5.2	11.2	30.4	2.5	0.4	0.7	0.3	1.1	1.8	100.0	
TOTAL N	344	559	76	109	237	642	53	9	15	6	24	37	2111	

(* < 0.05%)

STATION: 45010

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

Month: OCT

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	8.0	8.1	1.8	3.1	3.4	20.4	1.2	0.2	0.4	1.5	2.3	1.2	51.5	1097
0.5 - 1.4	5.1	10.3	1.7	2.4	3.9	15.5	*	0.1	0.2	0.5	1.8	0.7	42.4	904
1.5 - 2.4	0.3	3.2	0.8	0.6	-	0.5	-	-	-	-	-	-	5.3	113
2.5 - 3.4	-	0.8	-	-	-	-	-	-	-	-	-	-	0.8	17
TOTAL %	13.4	22.4	4.3	6.1	7.3	36.4	1.2	0.3	0.7	2.0	4.1	1.9	100.0	
TOTAL N	286	477	91	130	156	775	26	7	14	42	87	40	2131	

(* < 0.05%)

STATION: 45010

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

Month: NOV

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	1.9	2.6	0.9	0.7	-	13.2	0.9	0.1	0.1	0.4	0.7	0.4	22.0	162
0.5 - 1.4	3.5	22.9	2.3	2.2	0.8	26.2	0.1	-	-	1.8	2.7	0.4	63.0	464
1.5 - 2.4	0.1	10.4	0.5	-	0.3	1.1	-	-	-	-	-	-	12.5	92
2.5 - 3.4	-	2.0	-	-	0.3	0.3	-	-	-	-	-	-	2.6	19
TOTAL %	5.6	38.0	3.8	2.8	1.4	40.7	1.1	0.1	0.1	2.2	3.4	0.8	100.0	
TOTAL N	41	280	28	21	10	300	8	1	1	16	25	6	737	

(* < 0.05%)

STATION: 45010

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

All Months: Annual

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	10.2	10.5	3.4	3.2	5.5	22.8	1.9	0.3	0.4	1.0	1.9	1.9	63.0	7296
0.5 - 1.4	4.7	10.5	1.3	2.3	3.1	10.1	0.1	*	0.1	0.2	0.7	0.4	33.3	3859
1.5 - 2.4	0.1	2.2	0.2	0.2	0.2	0.2	-	-	-	-	-	-	3.1	360
2.5 - 3.4	*	0.4	-	-	*	*	-	-	-	-	-	-	0.5	53
3.5 - 4.4	-	0.1	-	-	-	-	-	-	-	-	-	-	0.1	9
TOTAL %	15.0	23.7	5.0	5.7	8.8	33.1	2.0	0.4	0.5	1.2	2.6	2.2	100.0	

TOTAL N 1733 2739 575 656 1017 3831 234 41 55 137 300 259 11577
 (* < 0.05%)

STATION: 45010

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

Months: MAR, APR, MAY (Spring)

WAVE HEIGHT	MEAN WAVE DIRECTION												TOT %	TOT N
	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
< 0.5	15.1	14.5	3.7	2.7	3.1	15.9	2.3	0.4	0.6	0.8	3.2	3.1	65.5	814
0.5 - 1.4	6.7	13.8	0.9	3.8	2.6	4.6	0.2	-	-	0.2	0.5	-	33.1	411
1.5 - 2.4	-	1.1	-	-	0.2	-	-	-	-	-	-	-	1.3	16
2.5 - 3.4	-	0.1	-	-	-	-	-	-	-	-	-	-	0.1	1
TOTAL %	21.8	29.5	4.6	6.5	5.8	20.5	2.5	0.4	0.6	1.0	3.7	3.1	100.0	
TOTAL N	271	366	57	81	72	254	31	5	8	12	46	39		1242

(* < 0.05%)

STATION: 45010

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

Months: JUN, JUL, AUG (Summer)

WAVE HEIGHT	MEAN WAVE DIRECTION												TOT %	TOT N
	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
< 0.5	11.1	11.8	4.8	4.0	7.2	28.5	2.1	0.4	0.3	1.1	2.2	2.4	75.7	4057
0.5 - 1.4	3.7	6.8	1.2	1.8	2.8	6.3	0.1	-	*	*	-	0.2	22.7	1218
1.5 - 2.4	-	1.0	0.1	0.1	0.1	-	-	-	-	-	-	-	1.4	73
2.5 - 3.4	-	0.1	-	-	-	-	-	-	-	-	-	-	0.1	8
TOTAL %	14.8	19.7	6.0	5.9	10.1	34.7	2.2	0.4	0.3	1.1	2.2	2.6	100.0	
TOTAL N	791	1057	323	315	542	1860	116	19	17	61	118	137		5356

(* < 0.05%)

STATION: 45010

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

Months: SEP, OCT, NOV (Autumn)

WAVE HEIGHT	MEAN WAVE DIRECTION												TOT %	TOT N
	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
< 0.5	8.0	8.1	1.9	2.5	4.3	18.5	1.6	0.3	0.5	0.8	1.3	1.0	48.7	2425
0.5 - 1.4	5.3	13.6	1.6	2.3	3.5	15.6	0.1	0.1	0.1	0.5	1.4	0.7	44.8	2230
1.5 - 2.4	0.2	3.8	0.4	0.4	0.3	0.4	-	-	-	-	-	-	5.4	271
2.5 - 3.4	*	0.8	-	-	*	*	-	-	-	-	-	-	0.9	44
3.5 - 4.4	-	0.2	-	-	-	-	-	-	-	-	-	-	0.2	9
TOTAL %	13.5	26.4	3.9	5.2	8.1	34.5	1.7	0.3	0.6	1.3	2.7	1.7	100.0	
TOTAL N	671	1316	195	260	403	1717	87	17	30	64	136	83		4979

(* < 0.05%)

Summary complete: 09-Sep-2003 04:54:03