

STATION: 45007

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

ELEMENT: AIR TEMPERATURE (DEGREES C) -- POR: (7/1981 - 12/2001) (115027 RECORDS, 98.4% 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	
30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	#
29	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	#	-	-	-	-	-	-	-	-	-	6	#
28	-	-	-	-	-	-	-	-	-	-	-	11	#	35	999	-	-	-	-	-	-	-	-	-	-	46	999
27	-	-	-	-	-	-	-	-	-	-	-	21	999	142	997	-	-	-	-	-	-	-	-	-	-	163	999
26	-	-	-	-	-	-	-	-	-	-	-	88	998	266	988	12	#	-	-	-	-	-	-	-	-	366	998
25	-	-	-	-	-	-	-	-	-	5	#	412	992	648	971	87	999	-	-	-	-	-	-	-	-	1152	995
24	-	-	-	-	-	-	-	-	-	22	999	866	965	1156	929	268	993	-	-	-	-	-	-	-	-	2312	985
23	-	-	-	-	-	-	-	-	-	104	998	1207	908	1992	853	595	975	-	-	-	-	-	-	-	-	3898	965
22	-	-	-	-	-	-	-	-	-	218	991	1500	829	2621	724	979	936	-	-	-	-	-	-	-	-	5318	931
21	-	-	-	-	-	-	-	-	-	333	975	1924	730	2832	554	1283	870	2	#	-	-	-	-	-	-	6374	885
20	-	-	-	-	-	-	-	2	#	554	951	2435	604	2407	369	1752	784	36	999	-	-	-	-	-	-	7186	829
19	-	-	-	-	-	-	-	10	999	476	912	1734	444	1146	213	1438	667	128	998	-	-	-	-	-	-	4932	767
18	-	-	-	-	-	-	-	18	999	742	878	1642	330	1178	138	1762	570	426	989	-	-	-	-	-	-	5768	724
17	-	-	-	-	-	2	#	37	998	806	825	1218	222	532	62	1584	452	514	961	-	-	-	-	-	-	4693	674
16	-	-	-	-	-	4	999	88	995	960	767	907	142	290	27	1334	346	986	928	4	#	-	-	-	-	4573	633
15	-	-	-	-	-	2	999	170	988	1104	699	586	82	88	8	1109	257	1227	863	24	999	-	-	-	-	4310	593
14	-	-	-	-	-	9	999	201	974	1233	620	300	44	32	3	999	183	1385	783	85	997	-	-	-	-	4244	556
13	-	-	-	-	-	7	999	224	958	1190	532	166	24	6	*	689	116	1959	692	267	989	8	#	4516	519		
12	-	-	-	-	-	4	998	253	941	894	447	73	13	1	*	358	70	1441	564	370	962	3	996	3397	480		
11	-	-	-	-	-	19	998	415	921	1271	383	57	8	-	-	317	46	1596	469	647	925	47	995	4369	450		
10	-	-	-	-	5	#	44	996	531	888	999	292	38	4	-	-	230	25	1418	365	754	861	128	971	4147	412	
9	-	-	-	-	23	998	221	993	1050	846	969	221	30	2	-	-	109	9	1172	272	722	786	126	909	4422	376	
8	-	-	-	-	90	991	503	975	1672	763	745	152	-	-	-	-	21	2	910	195	871	714	83	847	4895	338	
7	-	-	-	-	107	964	890	933	1979	630	647	98	-	-	-	-	5	*	842	136	1056	628	85	806	5611	295	
6	-	-	-	-	221	931	1701	861	2342	474	507	52	-	-	-	-	2	*	548	80	1121	523	116	764	6558	246	
5	-	-	-	-	300	863	1805	722	1846	288	187	16	-	-	-	-	-	-	295	45	657	412	120	707	5210	189	
4	-	-	-	-	467	771	2711	574	1407	142	37	3	-	-	-	-	-	-	173	25	842	346	167	648	5804	144	
3	-	-	-	-	528	628	1976	353	318	31	-	-	-	-	-	-	-	-	123	14	619	263	171	566	3735	94	
2	-	-	-	-	528	466	1015	191	63	5	-	-	-	-	-	-	-	-	59	6	551	201	270	482	2486	61	
1	-	-	-	-	398	305	506	108	5	*	-	-	-	-	-	-	-	-	22	2	438	146	150	349	1519	39	
0	-	-	-	-	275	183	285	67	-	-	-	-	-	-	-	-	-	-	9	1	380	103	119	275	1068	26	
-1	-	-	-	-	125	98	240	44	-	-	-	-	-	-	-	-	-	-	-	-	276	65	94	216	735	17	
-2	-	-	-	-	75	60	118	24	-	-	-	-	-	-	-	-	-	-	-	-	168	38	33	170	394	11	
-3	-	-	-	-	56	37	69	14	-	-	-	-	-	-	-	-	-	-	-	-	109	21	25	154	259	7	
-4	-	-	-	-	32	20	60	9	-	-	-	-	-	-	-	-	-	-	-	-	-	57	10	41	142	190	5
-5	-	-	-	-	10	10	16	4	-	-	-	-	-	-	-	-	-	-	-	-	-	18	4	54	121	98	3
-6	-	-	-	-	13	7	17	3	-	-	-	-	-	-	-	-	-	-	-	-	-	6	3	30	95	66	2
-7	-	-	-	-	10	3	9	1	-	-	-	-	-	-	-	-	-	-	-	-	-	5	2	37	80	61	2
-8	-	-	-	-	-	-	3	*	-	-	-	-	-	-	-	-	-	-	-	-	-	7	1	34	62	44	1
-9	-	-	-	-	-	-	2	*	-	-	-	-	-	-	-	-	-	-	-	-	-	5	1	34	45	41	1
-10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	*	22	29	25	1
-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9	18	9	*
-12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12	13	12	*
-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11	7	11	*
-14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	2	4	*
MEAN	-	-	-	2.6	4.1	7.1	13.1	19.6	21.1	17.6	11.6	6.0	2.5	12.7													
S.D.	-	-	-	2.6	2.4	2.7	4.3	2.9	2.3	3.4	3.5	4.0	5.3	7.1													
TOTAL	-	-	-	3263	12238	12631	14003	15215	15378	14933	15271	10062	2033	115027													
MAX	-	-	-	9.9	17.3	19.9	25.3	28.2	29.2	26.3	20.7	15.6	12.8	29.2													
DATE	-	-	-	1998033004	1995040322	1988053120	1994061822	1999073104	1988081800	1983091022	1997100523	2000110200	2001120522	1988081800													
MIN	-	-	-	-7.2	-8.8	0.8	3.5	8.5	12.4	6.1	-0.3	-9.7	-14.0	-14.0													
DATE	-	-	-	2001032522	1995040415	1994050105	1996060802	1996070411	1986082807	1995092215	1996103110	1986111315	1985121813	1985121813													

(* < 0.05% , # = 100.0%)

STATION: 45007

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

ELEMENT: SEA TEMPERATURE (DEGREES C) -- POR: (7/1981 - 12/2001) (116051 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		
28	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	#	
27	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16	#	1	#	-	-	-	-	-	-	-	-	17	#
26	-	-	-	-	-	-	-	-	-	-	-	11	#	153	999	3	999	-	-	-	-	-	-	-	-	-	167	999
25	-	-	-	-	-	-	-	-	-	-	-	130	999	800	989	13	999	-	-	-	-	-	-	-	-	-	943	998
24	-	-	-	-	-	-	-	-	-	3	#	627	991	1248	937	169	999	-	-	-	-	-	-	-	-	-	2047	990
23	-	-	-	-	-	-	-	-	-	24	999	1264	950	2389	856	638	988	-	-	-	-	-	-	-	-	-	4315	973
22	-	-	-	-	-	-	-	-	-	73	998	1473	866	2677	700	1264	945	-	-	-	-	-	-	-	-	-	5487	935
21	-	-	-	-	-	-	-	-	-	165	993	1859	770	4281	526	2085	860	-	-	-	-	-	-	-	-	-	8390	888

DATE - - 2001032522 1982040407 1990051012 1999061521 1987071520 1986082808 1984092611 1997102219 1986111315 1985121813 1985121813
 (* < 0.05% , # = 100.0%)

STATION: 45007

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

ELEMENT: SEA LEVEL PRESSURE (MILLIBARS) -- POR: (7/1981 - 12/2001) (113985 RECORDS, 97.5% 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		
1043	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	#
1042	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	#	-	-	6	#	
1041	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	999	-	-	2	999		
1040	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	21	999	-	-	21	999		
1039	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	#	-	-	8	997	2	#	12	999		
1038	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	999	-	-	27	996	20	999	53	999		
1037	-	-	-	-	-	4	#	-	-	-	-	-	-	-	-	15	999	-	-	27	993	16	989	62	999			
1036	-	-	-	-	-	16	999	-	-	-	-	-	-	-	-	15	998	8	#	52	991	20	981	111	999			
1035	-	-	-	-	19	#	6	998	-	-	-	-	-	-	-	6	997	26	999	28	985	17	971	102	998			
1034	-	-	-	-	9	994	4	998	-	-	-	-	-	-	-	8	997	39	998	45	983	6	963	111	997			
1033	-	-	-	-	9	991	13	998	-	-	-	-	-	-	-	23	997	81	995	43	978	17	960	186	996			
1032	-	-	-	-	14	989	55	996	3	#	-	-	-	-	-	39	995	94	990	66	974	17	952	288	994			
1031	-	-	-	-	28	984	57	992	10	999	-	-	-	-	-	35	992	166	983	112	967	15	943	423	992			
1030	-	-	-	-	45	976	89	987	24	999	-	-	-	-	-	74	990	254	972	153	955	33	936	672	988			
1029	-	-	-	-	71	962	133	980	58	997	12	#	-	-	-	145	985	250	954	139	940	43	920	851	982			
1028	-	-	-	-	119	940	163	969	77	993	17	999	16	#	13	#	155	975	279	937	236	925	46	898	1121	975		
1027	-	-	-	-	78	904	202	956	135	986	21	998	48	999	27	999	278	965	378	918	286	901	81	876	1534	965		
1026	-	-	-	-	89	880	223	939	191	976	83	996	73	996	109	997	368	946	472	893	245	872	64	836	1917	951		
1025	-	-	-	-	98	853	287	921	265	961	127	991	87	991	199	990	444	922	492	860	288	847	84	804	2371	934		
1024	-	-	-	-	142	823	343	898	264	940	211	982	193	985	363	977	397	892	493	827	344	818	82	763	2832	914		
1023	-	-	-	-	106	779	263	870	389	919	302	967	253	973	541	953	499	865	602	793	436	782	71	723	3462	889		
1022	-	-	-	-	121	747	357	848	488	888	458	945	387	956	496	917	643	832	867	752	436	738	78	688	4331	858		
1021	-	-	-	-	134	710	396	819	518	850	484	913	533	930	925	884	746	789	835	693	399	693	75	649	5045	820		
1020	-	-	-	-	157	669	566	787	681	809	703	878	725	895	1163	823	871	739	682	636	437	652	84	612	6069	776		
1019	-	-	-	-	125	620	639	740	855	755	721	828	805	848	1202	746	934	680	735	590	451	608	98	571	6565	723		
1018	-	-	-	-	142	582	574	688	819	688	922	777	1028	795	1313	667	988	618	818	540	455	562	109	522	7168	665		
1017	-	-	-	-	149	539	647	641	759	623	884	712	1393	727	1484	580	1084	552	695	484	510	515	99	469	7704	602		
1016	-	-	-	-	180	493	695	588	759	563	974	649	1361	635	1455	482	989	479	707	437	490	463	87	420	7697	535		
1015	-	-	-	-	151	438	709	532	827	503	1050	580	1422	546	1146	386	896	413	752	388	429	413	70	377	7452	467		
1014	-	-	-	-	144	392	638	474	703	438	1004	505	1425	452	1047	310	839	353	770	337	410	369	83	343	7063	402		
1013	-	-	-	-	157	347	510	421	601	383	1012	434	1097	359	895	241	810	297	660	285	379	327	72	302	6193	340		
1012	-	-	-	-	139	299	510	380	671	335	1098	362	1111	286	732	182	723	242	581	240	324	288	46	266	5935	286		
1011	-	-	-	-	116	257	511	338	518	282	840	284	959	213	585	134	617	194	536	200	361	255	62	243	5105	234		
1010	-	-	-	-	89	221	420	296	498	241	785	224	768	150	417	95	556	152	425	164	364	218	61	213	4383	189		
1009	-	-	-	-	82	194	438	262	433	202	681	168	618	100	378	67	490	115	364	135	304	181	52	183	3840	150		
1008	-	-	-	-	75	169	459	226	404	168	375	120	355	59	234	42	360	82	282	110	246	150	29	157	2819	117		
1007	-	-	-	-	69	146	355	189	315	136	278	93	191	36	156	27	203	58	259	91	243	125	36	143	2105	92		
1006	-	-	-	-	52	125	304	160	270	111	290	74	143	23	93	17	165	45	227	73	148	100	42	125	1734	73		
1005	-	-	-	-	50	109	325	135	244	90	206	53	81	14	63	10	120	34	187	57	96	85	41	104	1413	58		
1004	-	-	-	-	55	93	243	108	258	71	123	38	58	8	46	6	119	26	140	45	100	75	36	84	1178	46		
1003	-	-	-	-	53	77	210	88	193	50	109	30	31	5	22	3	116	18	119	35	96	65	27	67	976	36		
1002	-	-	-	-	44	60	161	71	133	35	76	22	22	3	8	2	51	10	72	27	84	55	10	53	661	27		
1001	-	-	-	-	36	47	140	58	128	25	76	16	7	1	5	1	31	6	47	22	69	46	9	48	548	21		
1000	-	-	-	-	21	36	121	47	61	15	72	11	10	1	7	1	21	4	45	19	64	39	16	44	438	16		
999	-	-	-	-	11	29	92	37	42	10	36	6	-	-	4	*	12	3	44	16	46	33	10	36	297	13		
998	-	-	-	-	6	26	56	29	15	6	26	3	-	-	1	*	4	2	46	13	31	28	8	31	193	10		
997	-	-	-	-	10	24	61	25	13	5	6	1	-	-	2	*	4	2	26	10	36	25	8	27	166	8		
996	-	-	-	-	28	21	60	20	21	4	13	1	-	-	-	-	5	2	35	8	27	21	6	23	195	7		
995	-	-	-	-	7	13	43	15	6	3	2	*	-	-	-	-	5	1	24	6	30	18	8	20	125	5		
994	-	-	-	-	10	10	28	11	4	2	-	-	-	-	-	-	3	1	12	4	23	15	7	16	87	4		
993	-	-	-	-	7	7	18	9	1	2	-	-	-	-	-	-	4	1	14	3	33	13	6	13	83	3		
992	-	-	-	-	2	5	18	7	1	2	-	-	-	-	-	-	2	*	4	2	16	9	10	10	53	2		
991	-	-	-	-	3	5	12	6	2	2	-	-	-	-	-	-	4	*	3	2	8	8	9	5	41	2		
990	-	-	-	-	3	4	22	5	1	1	-	-	-	-	-	-	1	*	4	2	16	7	1	*	48	2		
989	-	-	-	-	9	3	15	3	1	1	-	-	-	-	-	-	-	-	5	1	8	5	-	-	38	1		
988	-	-	-	-	-	-	8	2	2	1	-	-	-	-	-	-	-	-	3	1	8	5	-	-	21	1		
987	-	-	-	-	-	-	-	-	3	1	-	-	-	-	-	-	-	-	2	1	12	4	-	-	17	1		
986	-	-	-	-	-	-	1	1	2	1	-	-	-	-	-	-	-	-	2	1	21	2	-	-	26	1		
985	-	-	-	-	-	-	1	1	3	1	-	-	-	-	-	-	-	-	2	1	3	*	-	-	9	*		
984	-	-	-	-	-	-	2	1	3	*	-	-	-	-	-	-	-	-	3	*	-	-	-	-	8	*		
983	-	-	-	-	-	-	-	-	3	*	-	-	-	-	-	-	-	-	4	*	-	-	-	-	7	*		
982	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	*		
981	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	*		
980	-	-	-	-	-	-	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	*		
979	-	-																										

2.5	-	-	-	-	95	979	170	981	52	996	20	999	21	999	74	999	249	989	528	972	536	960	118	965	1863	988
2.0	-	-	-	-	181	948	437	966	94	992	90	998	99	998	291	994	854	972	1175	935	1103	902	213	889	4537	971
1.5	-	-	-	-	380	888	845	926	313	984	253	992	362	992	756	974	1798	914	2521	855	1812	783	294	751	9334	929
1.0	-	-	-	-	677	764	1970	849	1204	958	1140	974	1638	966	2663	924	3573	790	4024	681	2582	587	407	561	19878	844
0.5	-	-	-	-	1151	542	4265	669	4707	858	4862	892	6393	852	7147	745	5649	545	4556	404	2541	308	397	298	41668	661
0.0	-	-	-	-	500	164	3078	281	5574	465	7522	542	5793	405	3982	267	2309	158	1306	90	305	33	63	41	30432	279
MEAN	-	-	-	-	0.9		0.7		0.4		0.3		0.4		0.5		0.8		1.0		1.2		1.3		0.7	
S.D.	-	-	-	-	0.7		0.7		0.4		0.4		0.4		0.5		0.6		0.7		0.8		0.7		0.6	
TOTAL	-	-	-	-	3048		10968		11989		13890		14307		14931		14590		14519		9251		1546		109039	
MAX	-	-	-	-	5.1		5.2		4.3		2.9		2.8		3.6		5.6		4.8		6.2		3.8		6.2	
DATE	-	-	-	-	1992032709		2000040809		1997050110		1999062908		1981072113		1994080500		1989092306		1999102318		1998111104		2000120511		1998111104	
MIN	-	-	-	-	0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0	
DATE	-	-	-	-	2001033123		2001042909		2001053114		2001063016		2001073123		2001083000		2001093023		2001102407		2001111615		1999120503		2001111615	

(* < 0.05% , # = 100.0%)

STATION: 45007

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

ELEMENT: AVERAGE WAVE PERIOD (SECONDS) -- POR: (7/1981 - 12/2001) (109037 RECORDS, 93.3% 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	
8	-	-	-	-	1	#	1	#	-	-	-	-	-	-	4	#	-	-	6	#	-	-	-	-	12	#	
7	-	-	-	-	9	999	46	999	7	#	-	-	-	-	2	#	51	999	68	#	62	999	-	-	245	999	
6	-	-	-	-	55	997	282	996	96	999	28	#	9	#	89	999	200	996	548	995	363	993	62	#	1732	998	
5	-	-	-	-	528	979	1261	970	449	991	383	998	426	999	859	994	1903	983	2849	958	2349	953	397	960	11404	982	
4	-	-	-	-	1172	805	3965	855	3114	954	2714	970	3760	970	5044	936	6363	852	6589	761	4408	699	697	703	37826	877	
3	-	-	-	-	1054	421	3699	494	5818	694	6536	775	7649	707	7140	599	5080	416	3980	307	1968	223	354	252	43278	530	
2	-	-	-	-	5	75	36	156	201	209	290	305	203	172	158	120	32	68	73	33	23	10	-	-	1021	133	
1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	124
0	-	-	-	-	224	73	1678	153	2304	192	3940	284	2260	158	1638	110	956	66	411	28	72	8	36	23	13519	124	
MEAN	-	-	-	-	3.5		3.2		2.7		2.4		2.8		3.1		3.5		3.8		4.1		4.0		3.2		
S.D.	-	-	-	-	1.2		1.5		1.4		1.6		1.3		1.2		1.2		1.0		0.9		1.0		1.4		
TOTAL	-	-	-	-	3048		10968		11989		13891		14307		14930		14589		14518		9251		1546		109037		
MAX	-	-	-	-	7.7		7.5		7.1		5.8		5.8		6.5		7.8		7.3		7.7		6.3		7.8		
DATE	-	-	-	-	1992032710		2000040809		1997050114		1999062910		1985070215		1999081405		1989092306		1999102317		1998111104		2000120516		1989092306		
MIN	-	-	-	-	0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		
DATE	-	-	-	-	2001033123		2001042909		2001053114		2001063016		2001073123		2001083000		2001093023		2001102407		2001111615		1999120503		2001111615		

(* < 0.05% , # = 100.0%)

STATION: 45007

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

ELEMENT: DOMINANT WAVE PERIOD (SECONDS) -- POR: (7/1981 - 12/2001) (109033 RECORDS, 93.3% 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	-	-	-	-	5	#	9	#	1	#	-	-	-	-	1	#	22	#	12	#	32	#	-	-	82	#	
9	-	-	-	-	10	998	46	999	11	999	-	-	-	-	4	999	44	998	69	999	82	997	-	-	266	999	
8	-	-	-	-	122	995	301	995	87	999	11	#	5	#	63	999	218	995	451	994	310	988	70	#	1638	997	
7	-	-	-	-	215	955	523	968	142	992	127	999	144	999	357	995	699	981	986	963	917	954	153	955	4263	982	
6	-	-	-	-	438	885	1240	920	553	980	454	990	502	990	932	972	1905	933	2669	895	2150	855	343	856	11186	943	
5	-	-	-	-	574	741	1960	807	1547	934	1319	957	1713	954	2441	909	3371	802	3870	712	2566	623	413	634	19774	840	
4	-	-	-	-	776	552	2616	628	2912	805	2964	862	4138	835	4449	746	4102	571	3457	445	1996	345	358	367	27768	659	
3	-	-	-	-	679	298	2546	390	4225	562	4807	649	5325	546	4881	448	3217	290	2519	207	1094	129	172	135	29465	404	
2	-	-	-	-	5	75	49	157	207	209	268	303	219	173	165	121	54	69	73	33	32	11	1	24	1073	134	
1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	124
0	-	-	-	-	224	73	1678	153	2304	192	3939	284	2260	158	1638	110	956	66	411	28	72	8	36	23	13518	124	
MEAN	-	-	-	-	4.3		3.8		3.1		2.6		3.1		3.5		4.2		4.6		5.0		4.9		3.7		
S.D.	-	-	-	-	1.9		2.1		1.8		1.8		1.6		1.6		1.7		1.5		1.4		1.5		1.9		
TOTAL	-	-	-	-	3048		10968		11989		13889		14306		14931		14588		14517		9251		1546		109033		
MAX	-	-	-	-	10.0		10.0		10.0		7.7		7.7		10.0		10.0		10.0		10.0		8.3		10.0		
DATE	-	-	-	-	1992032715		2000042107		1997050115		1999062914		2001070121		1992082506		2001092417		2000100808		1998111102		2000120521		2001092417		
MIN	-	-	-	-	0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		
DATE	-	-	-	-	2001033123		2001042909		2001053114		2001063016		2001073123		2001083000		2001093023		2001102407		2001111615		1999120503		2001111615		

(* < 0.05% , # = 100.0%)

ELEMENT SUMMARY FOR STATION: 45007

- (A) TOTAL STDNET RECORDS READ = 116918
- (B) TOTAL CWINN RECORDS READ = 0
- (C) TOTAL RECORDS USED IN STATS = 116918

	AIR TMP	SEA TMP	AIR-SEA	DEWPT	SLP	AVWS	PKGS-8M	PKGS-5S	SIGWHT	AVWVPD	DWVPD	VSBY
(D) ELEMENT RECORDS AVAILABLE	115027	116051	114869	0	113985	114991	113369	0	109039	109037	109033	0

STATION: 45007 -- POR (7/1981 - 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
1981	MEAN	-	-	-	-	-	-	19.7	21.1	17.2	9.9	6.3	2.6	13.5
	MAXIMUM	-	-	-	-	-	-	23.7	24.5	23.5	17.9	13.7	8.3	24.5
	DAY-HR	-	-	-	-	-	-	19-10	24-18	01-02	01-08	05-03	01-16	AUG
	MINIMUM	-	-	-	-	-	-	14.1	17.1	10.6	1.0	-1.3	-1.6	-1.6
	DAY-HR	-	-	-	-	-	-	28-14	16-09	28-18	24-12	22-13	09-19	DEC
	# OBS	-	-	-	-	-	-	382	738	714	719	720	253	3526
1982	MEAN	-	-	1.7	2.6	6.2	7.6	17.7	20.0	16.9	12.2	5.0	6.4	10.7
	MAXIMUM	-	-	7.3	9.6	9.8	12.8	22.2	23.9	22.1	19.7	12.3	12.0	23.9
	DAY-HR	-	-	31-03	25-22	13-21	28-22	26-04	04-00	13-04	07-00	02-10	02-20	AUG
	MINIMUM	-	-	-4.1	-6.8	3.1	4.6	10.3	14.8	10.9	4.1	-3.8	-1.4	-6.8
	DAY-HR	-	-	27-06	04-07	25-10	04-06	01-14	28-01	21-14	21-12	24-16	07-23	APR
	# OBS	-	-	216	719	697	648	740	744	719	743	719	184	6129
1983	MEAN	-	-	1.5	3.8	6.8	14.8	21.8	22.9	18.6	12.4	7.8	-	13.3
	MAXIMUM	-	-	5.4	10.0	11.5	23.9	27.5	26.2	26.3	20.2	13.7	-	27.5
	DAY-HR	-	-	18-05	26-23	25-03	27-02	22-00	20-02	10-22	02-21	02-04	-	JUL
	MINIMUM	-	-	-3.0	-1.9	2.8	7.1	12.9	19.2	8.8	6.0	2.1	-	-3.0
	DAY-HR	-	-	25-13	18-16	08-19	01-11	05-20	11-13	21-15	14-05	12-09	-	MAR
	# OBS	-	-	274	712	743	716	738	741	719	741	518	-	5902
1984	MEAN	-	-	1.7	4.0	5.5	10.0	18.3	22.5	17.1	13.4	5.9	-	12.0
	MAXIMUM	-	-	3.4	10.5	14.3	19.2	23.1	25.9	25.4	18.8	13.8	-	25.9
	DAY-HR	-	-	28-03	30-06	18-22	18-22	31-00	09-21	02-05	17-04	01-11	-	AUG
	MINIMUM	-	-	0.0	0.9	2.2	5.2	11.6	17.3	7.2	6.3	-1.6	-	-1.6
	DAY-HR	-	-	26-15	17-18	02-12	03-07	01-06	24-11	26-12	31-14	02-16	-	NOV
	# OBS	-	-	247	719	741	719	741	744	717	743	477	-	5848
1985	MEAN	-	-	-	4.5	6.7	11.1	19.0	20.2	18.2	11.6	4.8	-3.0	10.9
	MAXIMUM	-	-	-	13.9	14.6	18.6	22.6	23.7	24.5	16.4	12.8	7.8	24.5
	DAY-HR	-	-	-	21-01	26-03	24-03	14-05	10-00	07-23	08-02	01-23	01-21	SEP
	MINIMUM	-	-	-	-1.9	3.5	5.5	14.8	16.5	9.5	6.2	-5.1	-14.0	-14.0
	DAY-HR	-	-	-	09-01	07-12	03-09	01-04	01-00	24-12	16-18	24-11	18-13	DEC
	# OBS	-	-	-	607	732	718	743	619	717	741	720	472	6069
1986	MEAN	-	-	-	-	6.4	11.6	19.6	20.4	17.3	12.0	4.0	-	13.7
	MAXIMUM	-	-	-	-	13.6	18.1	25.2	24.4	22.5	18.0	14.4	-	25.2
	DAY-HR	-	-	-	-	30-00	22-23	24-22	20-22	02-20	03-11	01-02	-	JUL
	MINIMUM	-	-	-	-	3.9	5.1	13.1	12.4	11.6	5.6	-9.7	-	-9.7
	DAY-HR	-	-	-	-	23-21	02-17	01-04	28-07	16-06	14-12	13-15	-	NOV
	# OBS	-	-	-	-	605	718	740	741	716	741	471	-	4732
1987	MEAN	-	-	3.3	4.8	9.4	17.8	21.5	21.3	18.2	9.4	8.1	-	13.8
	MAXIMUM	-	-	9.1	13.6	18.3	24.5	26.0	27.4	21.6	19.5	13.6	-	27.4
	DAY-HR	-	-	25-00	19-23	31-22	17-23	30-23	03-00	06-04	02-01	03-23	-	AUG
	MINIMUM	-	-	-3.2	-1.4	3.9	11.7	15.0	15.8	13.7	3.9	1.9	-	-3.2
	DAY-HR	-	-	31-18	02-14	01-05	09-18	15-20	26-09	20-21	24-12	11-11	-	MAR
	# OBS	-	-	245	718	741	717	744	744	680	742	253	-	5584
1988	MEAN	-	-	3.2	4.1	7.2	14.8	21.8	23.6	17.9	9.5	6.0	2.6	12.7
	MAXIMUM	-	-	8.0	8.6	19.9	22.0	26.6	29.2	22.9	18.1	12.5	7.0	29.2
	DAY-HR	-	-	25-04	05-22	31-20	25-21	04-23	18-00	01-02	01-03	16-08	03-10	AUG
	MINIMUM	-	-	-0.8	0.3	3.9	7.8	15.2	16.5	12.5	0.1	0.0	-2.9	-2.9
	DAY-HR	-	-	27-18	15-10	01-06	03-05	01-19	28-16	05-17	29-17	30-23	01-18	DEC
	# OBS	-	-	176	718	741	717	741	739	711	722	716	122	6103
1989	MEAN	-	-	2.9	1.8	9.6	12.7	20.5	20.8	17.6	11.4	6.5	-	14.3
	MAXIMUM	-	-	7.8	6.4	15.1	20.1	25.8	24.3	23.0	17.9	12.1	-	25.8
	DAY-HR	-	-	28-23	04-22	31-23	27-20	23-21	04-00	08-20	12-00	14-03	-	JUL
	MINIMUM	-	-	-3.5	-4.3	6.3	7.0	16.7	15.3	8.5	2.8	0.9	-	-4.3
	DAY-HR	-	-	31-17	09-13	27-16	04-08	01-11	06-20	23-10	19-20	03-18	-	APR
	# OBS	-	-	97	322	102	705	719	728	718	741	347	-	4479
1990	MEAN	-	-	-	7.4	6.5	12.1	17.8	20.2	18.4	10.9	9.4	-	14.0
	MAXIMUM	-	-	-	10.2	11.9	19.1	23.0	24.6	25.8	20.7	12.9	-	25.8
	DAY-HR	-	-	-	26-01	09-03	30-22	28-23	28-03	07-00	06-01	02-02	-	SEP
	MINIMUM	-	-	-	4.8	1.7	5.5	12.6	15.2	9.4	4.4	3.5	-	1.7
	DAY-HR	-	-	-	29-12	10-12	04-15	01-20	06-17	23-17	19-13	05-21	-	MAY
	# OBS	-	-	-	125	733	713	735	731	703	736	119	-	4595
1991	MEAN	-	-	-	5.1	10.2	18.2	22.0	21.2	17.5	11.5	-	-	15.1
	MAXIMUM	-	-	-	9.8	19.6	24.9	27.1	25.8	24.9	18.7	-	-	27.1

	DAY-HR	-	-	-	27-22	15-22	21-17	22-23	30-17	10-01	02-08	-	-	JUL
	MINIMUM	-	-	-	1.0	3.9	12.1	18.2	16.7	8.5	3.2	-	-	1.0
	DAY-HR	-	-	-	10-04	03-23	01-14	29-14	08-20	26-16	19-18	-	-	APR
	# OBS	-	-	-	719	726	718	741	634	715	541	-	-	4794
1992	MEAN	-	-	2.7	3.4	6.8	12.7	16.8	18.6	16.6	11.1	4.8	-	11.7
	MAXIMUM	-	-	5.9	8.3	16.8	20.8	21.1	24.2	21.7	18.6	12.5	-	24.2
	DAY-HR	-	-	25-03	21-01	21-22	14-05	26-22	25-22	16-21	03-03	02-15	-	AUG
	MINIMUM	-	-	0.1	-2.3	2.4	7.8	13.7	14.2	9.4	3.1	-0.1	-	-2.3
	DAY-HR	-	-	27-23	02-15	01-01	02-09	01-01	28-15	28-15	19-12	07-12	-	APR
	# OBS	-	-	193	719	741	699	739	737	716	740	157	-	5441
1993	MEAN	-	-	4.1	3.5	6.6	11.4	19.3	21.5	15.7	9.6	4.3	-	12.6
	MAXIMUM	-	-	5.4	8.5	12.3	18.8	23.7	25.9	22.2	15.9	8.8	-	25.9
	DAY-HR	-	-	31-04	15-23	09-23	28-03	28-20	27-20	05-02	07-21	04-06	-	AUG
	MINIMUM	-	-	2.8	-1.5	3.2	4.3	14.2	15.6	7.8	1.4	-3.0	-	-3.0
	DAY-HR	-	-	30-12	01-17	06-13	01-06	01-15	04-14	30-02	29-16	07-12	-	NOV
	# OBS	-	-	36	460	742	718	740	742	717	740	227	-	5122
1994	MEAN	-	-	0.9	3.5	5.2	11.1	18.7	19.1	18.4	12.9	10.1	-	12.4
	MAXIMUM	-	-	3.1	10.6	11.8	25.3	23.0	23.5	23.0	19.1	14.7	-	25.3
	DAY-HR	-	-	31-23	19-04	10-05	18-22	31-23	28-04	14-05	08-02	04-03	-	JUN
	MINIMUM	-	-	-0.3	-2.4	0.8	4.4	12.0	13.9	12.6	5.8	5.6	-	-2.4
	DAY-HR	-	-	30-10	06-14	01-05	02-02	02-19	09-11	29-17	25-11	01-04	-	APR
	# OBS	-	-	77	719	738	719	730	740	709	726	229	-	5387
1995	MEAN	-	-	3.6	3.9	6.7	15.5	20.7	23.8	16.9	11.7	2.8	-	13.5
	MAXIMUM	-	-	5.1	17.3	15.3	22.7	25.9	28.1	25.0	19.1	12.3	-	28.1
	DAY-HR	-	-	27-01	03-22	31-23	25-22	31-23	14-01	06-22	01-03	02-03	-	AUG
	MINIMUM	-	-	2.4	-8.8	3.2	7.5	14.5	19.9	6.1	4.0	-3.4	-	-8.8
	DAY-HR	-	-	25-11	04-15	05-15	08-22	01-15	25-13	22-15	21-18	12-14	-	APR
	# OBS	-	-	52	712	739	715	738	738	714	742	297	-	5447
1996	MEAN	-	-	1.4	2.5	5.0	8.0	15.2	20.9	17.9	11.4	2.2	1.4	10.1
	MAXIMUM	-	-	4.5	9.4	13.8	16.4	21.6	25.0	26.1	18.1	10.6	5.9	26.1
	DAY-HR	-	-	30-22	19-22	31-21	30-23	19-05	26-21	04-21	01-04	07-05	01-00	SEP
	MINIMUM	-	-	-1.0	-2.6	1.6	3.5	8.5	16.0	12.1	-0.3	-4.5	-4.0	-4.5
	DAY-HR	-	-	28-13	08-15	13-09	08-02	04-11	02-11	28-15	31-10	26-18	02-17	NOV
	# OBS	-	-	94	721	732	711	815	777	707	730	690	261	6238
1997	MEAN	-	-	2.3	3.1	5.3	12.6	18.5	19.3	17.3	12.0	3.8	-	11.4
	MAXIMUM	-	-	7.5	9.5	14.3	21.3	23.6	23.4	21.9	20.7	13.3	-	23.6
	DAY-HR	-	-	28-02	27-16	19-01	28-22	31-22	02-22	19-01	05-23	01-02	-	JUL
	MINIMUM	-	-	-1.7	-6.1	2.0	5.8	12.8	15.2	12.5	2.3	-3.1	-	-6.1
	DAY-HR	-	-	24-01	08-20	17-12	01-10	04-12	18-09	24-09	22-19	23-17	-	APR
	# OBS	-	-	239	710	736	712	726	735	705	735	535	-	5833
1998	MEAN	-	-	6.4	5.5	11.3	15.2	21.7	22.6	20.2	13.5	6.9	7.1	14.2
	MAXIMUM	-	-	9.9	10.6	19.1	22.7	26.5	25.3	25.0	19.1	14.6	10.2	26.5
	DAY-HR	-	-	30-04	25-22	27-22	29-03	21-21	24-04	07-01	06-13	10-15	04-10	JUL
	MINIMUM	-	-	1.6	2.8	5.2	8.3	18.3	17.5	13.8	7.8	0.7	-0.4	-0.4
	DAY-HR	-	-	24-01	06-12	03-11	05-13	04-21	19-13	23-11	22-18	20-22	11-14	DEC
	# OBS	-	-	169	690	713	690	736	784	699	734	719	246	6180
1999	MEAN	-	-	2.5	5.3	-	16.6	22.2	20.8	18.1	11.8	8.4	6.3	13.5
	MAXIMUM	-	-	8.5	8.7	-	23.5	28.2	25.8	25.3	18.1	14.7	10.6	28.2
	DAY-HR	-	-	30-11	15-21	-	27-03	31-04	01-05	03-22	01-02	10-00	03-12	JUL
	MINIMUM	-	-	-1.1	2.3	-	9.3	16.5	16.0	11.2	3.6	2.0	1.2	-1.1
	DAY-HR	-	-	11-12	25-10	-	01-16	10-17	30-15	21-12	24-14	30-14	06-09	MAR
	# OBS	-	-	481	720	-	648	741	735	703	733	713	167	5641
2000	MEAN	-	-	4.2	5.2	9.9	15.2	19.4	20.5	17.4	13.1	5.6	-1.1	12.5
	MAXIMUM	-	-	8.8	10.9	15.1	18.5	22.7	25.3	23.8	19.6	15.6	3.5	25.3
	DAY-HR	-	-	27-03	28-20	09-03	23-19	18-04	15-23	01-23	01-23	02-00	01-02	AUG
	MINIMUM	-	-	-2.3	0.4	5.5	10.5	15.2	16.0	9.1	5.2	-5.6	-8.9	-8.9
	DAY-HR	-	-	17-16	11-04	02-11	06-15	19-12	19-16	28-11	07-13	21-18	06-09	DEC
	# OBS	-	-	403	710	191	584	742	743	717	737	716	166	5709
2001	MEAN	-	-	0.7	5.2	7.7	13.9	20.1	21.9	17.3	11.5	9.1	8.4	12.7
	MAXIMUM	-	-	4.9	10.4	15.5	22.9	26.0	27.7	23.8	18.3	13.3	12.8	27.7
	DAY-HR	-	-	29-03	11-22	01-04	28-22	20-19	07-22	07-23	03-23	02-01	05-22	AUG
	MINIMUM	-	-	-7.2	-1.2	4.3	6.7	12.5	18.0	10.2	4.3	3.3	4.4	-7.2
	DAY-HR	-	-	25-22	17-00	04-16	04-15	02-15	31-23	25-06	25-19	20-17	01-18	MAR
	# OBS	-	-	264	718	738	718	744	744	717	744	719	162	6268
POR	MEAN	-	-	2.6	4.1	7.1	13.1	19.6	21.1	17.6	11.6	6.0	2.5	12.7
	MAXIMUM	-	-	9.9	17.3	19.9	25.3	28.2	29.2	26.3	20.7	15.6	12.8	29.2
	YEAR	-	-	1998	1995	1988	1994	1999	1988	1983	1997	2000	2001	AUG/1988
	MINIMUM	-	-	-7.2	-8.8	0.8	3.5	8.5	12.4	6.1	-0.3	-9.7	-14.0	-14.0
	YEAR	-	-	2001	1995	1994	1996	1996	1986	1995	1996	1986	1985	DEC/1985
	# OBS	-	-	3263	12238	12631	14003	15215	15378	14933	15271	10062	2033	115027

STATION: 45007 -- POR (7/1981 - 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
1981	MEAN	-	-	-	-	-	-	20.3	21.0	18.8	10.9	8.7	6.8	14.9
	MAXIMUM	-	-	-	-	-	-	22.0	23.2	22.1	15.3	10.5	7.2	23.2
	DAY-HR	-	-	-	-	-	-	20-20	24-22	13-22	01-11	01-01	01-23	AUG
	MINIMUM	-	-	-	-	-	-	19.2	20.0	14.6	8.7	7.2	6.3	6.3
	DAY-HR	-	-	-	-	-	-	29-12	18-12	30-11	22-13	30-23	11-12	DEC
	# OBS	-	-	-	-	-	-	382	740	714	719	720	253	3528
1982	MEAN	-	-	1.8	2.0	2.7	4.6	15.7	20.1	17.6	12.2	7.3	6.6	9.9
	MAXIMUM	-	-	2.2	2.3	3.4	8.6	20.9	23.3	19.8	16.3	9.5	6.7	23.3
	DAY-HR	-	-	24-18	23-21	30-21	29-03	30-23	16-21	14-01	03-20	02-13	06-02	AUG
	MINIMUM	-	-	1.3	1.6	2.0	3.2	7.4	17.5	14.6	7.6	6.4	6.2	1.3
	DAY-HR	-	-	28-08	18-13	02-12	04-09	01-11	30-12	25-10	29-19	29-17	08-15	MAR
	# OBS	-	-	216	719	742	717	734	744	719	744	719	185	6239
1983	MEAN	-	-	3.5	3.6	5.1	13.0	21.1	23.1	20.4	14.1	9.4	-	13.4
	MAXIMUM	-	-	3.8	4.7	8.0	20.8	25.5	25.4	24.0	17.8	12.2	-	25.5
	DAY-HR	-	-	18-11	29-19	31-21	25-20	19-23	28-22	02-22	01-22	02-19	-	JUL
	MINIMUM	-	-	2.9	2.9	3.9	6.9	16.8	21.2	16.2	11.3	6.9	-	2.9
	DAY-HR	-	-	31-23	02-13	09-11	01-13	06-13	12-13	27-02	30-05	22-13	-	APR
	# OBS	-	-	274	712	744	709	742	739	719	741	518	-	5898
1984	MEAN	-	-	1.8	2.0	2.7	5.3	16.8	22.6	18.7	14.4	9.4	-	11.2
	MAXIMUM	-	-	2.1	2.4	3.5	13.3	22.4	24.9	21.7	17.5	11.7	-	24.9
	DAY-HR	-	-	27-00	25-20	31-19	29-01	30-20	14-23	01-04	01-20	01-04	-	AUG
	MINIMUM	-	-	1.6	1.7	1.9	3.1	9.8	20.8	16.0	11.7	7.5	-	1.6
	DAY-HR	-	-	22-02	19-15	02-09	01-13	01-08	01-13	29-13	27-02	11-13	-	MAR
	# OBS	-	-	247	719	741	720	741	744	717	743	477	-	5849
1985	MEAN	-	-	-	2.1	3.2	8.0	18.2	21.1	19.4	12.8	8.8	4.8	11.2
	MAXIMUM	-	-	-	2.7	4.0	14.4	21.1	22.9	22.2	15.6	11.7	6.3	22.9
	DAY-HR	-	-	-	30-23	31-22	30-20	27-20	16-22	09-22	02-02	04-02	01-16	AUG
	MINIMUM	-	-	-	0.0	0.0	3.9	13.6	18.7	15.2	9.8	5.8	4.1	0.0
	DAY-HR	-	-	-	13-06	16-19	01-13	01-12	01-17	30-22	09-10	30-13	20-15	MAY
	# OBS	-	-	-	607	732	718	742	619	717	741	720	472	6068
1986	MEAN	-	-	-	-	3.7	9.1	18.6	21.6	17.7	14.1	9.8	-	14.0
	MAXIMUM	-	-	-	-	8.1	15.7	25.3	24.2	22.1	17.1	12.5	-	25.3
	DAY-HR	-	-	-	-	31-22	29-22	22-22	07-23	02-22	03-18	01-17	-	JUL
	MINIMUM	-	-	-	-	3.1	3.9	12.0	19.2	15.8	12.5	7.0	-	3.1
	DAY-HR	-	-	-	-	09-02	03-05	01-05	31-14	20-04	31-23	20-16	-	MAY
	# OBS	-	-	-	-	603	718	741	742	716	741	470	-	4731
1987	MEAN	-	-	3.3	3.5	7.1	16.5	21.3	22.1	19.7	11.3	9.1	-	13.7
	MAXIMUM	-	-	3.6	6.9	13.7	22.9	25.8	26.1	21.4	18.0	9.8	-	26.1
	DAY-HR	-	-	28-19	26-21	30-20	23-22	30-23	02-22	14-22	01-00	04-22	-	AUG
	MINIMUM	-	-	2.6	3.1	3.9	12.4	18.2	19.6	18.0	8.2	8.5	-	2.6
	DAY-HR	-	-	28-14	09-12	01-06	10-12	01-15	29-10	30-23	13-02	11-12	-	MAR
	# OBS	-	-	245	718	742	717	744	743	680	742	253	-	5584
1988	MEAN	-	-	2.1	2.7	4.0	12.3	21.3	24.3	18.9	13.4	7.6	6.1	12.6
	MAXIMUM	-	-	2.4	3.2	9.7	17.3	23.8	26.6	21.9	17.3	9.5	6.3	26.6
	DAY-HR	-	-	31-21	30-23	31-20	25-21	31-21	18-04	01-03	03-22	03-22	03-21	AUG
	MINIMUM	-	-	2.0	2.2	2.9	6.6	15.9	21.2	15.3	9.2	6.0	4.8	2.0
	DAY-HR	-	-	29-00	01-05	01-07	02-14	01-12	31-16	28-06	31-23	30-23	06-02	MAR
	# OBS	-	-	177	718	741	717	741	737	709	722	717	122	6101
1989	MEAN	-	-	2.7	2.7	3.9	10.9	20.1	21.1	19.4	12.9	8.8	-	12.6
	MAXIMUM	-	-	3.1	3.5	14.7	18.7	25.0	23.8	22.2	16.8	10.6	-	25.0
	DAY-HR	-	-	27-20	30-19	26-21	27-19	23-21	21-20	08-23	01-23	01-21	-	JUL
	MINIMUM	-	-	2.4	2.0	2.5	5.9	15.3	18.8	16.0	9.7	7.0	-	2.0
	DAY-HR	-	-	31-23	06-12	16-11	04-04	01-12	08-10	30-17	23-18	12-10	-	APR
	# OBS	-	-	98	715	729	705	720	728	716	741	347	-	5499
1990	MEAN	-	-	-	3.5	4.4	9.2	16.8	20.3	19.6	11.7	9.3	-	13.2
	MAXIMUM	-	-	-	4.3	8.2	16.8	21.3	23.0	23.1	15.7	10.2	-	23.1
	DAY-HR	-	-	-	29-19	31-21	30-22	24-19	28-20	06-19	04-03	01-00	-	SEP
	MINIMUM	-	-	-	3.2	3.5	5.2	13.6	18.3	15.2	8.6	8.9	-	3.2
	DAY-HR	-	-	-	27-11	06-15	04-10	02-12	07-15	30-23	29-05	05-22	-	APR
	# OBS	-	-	-	125	732	713	733	732	699	735	119	-	4588
1991	MEAN	-	-	-	3.2	7.4	17.3	22.3	21.0	19.8	13.3	-	-	14.9
	MAXIMUM	-	-	-	4.0	16.6	24.4	25.1	24.5	22.5	16.4	-	-	25.1
	DAY-HR	-	-	-	28-18	16-23	19-18	22-00	29-21	01-00	01-03	-	-	JUL
	MINIMUM	-	-	-	2.7	3.6	11.7	20.4	19.3	16.0	10.2	-	-	2.7
	DAY-HR	-	-	-	02-07	03-08	01-12	30-14	20-06	30-14	23-13	-	-	APR

	# OBS	-	-	-	719	726	718	741	633	716	540	-	-	4793
1992	MEAN	-	-	3.0	3.2	4.4	11.7	16.4	19.2	17.6	13.5	10.4	-	11.9
	MAXIMUM	-	-	3.2	3.6	9.7	17.6	20.1	22.8	21.1	16.4	11.7	-	22.8
	DAY-HR	-	-	31-22	28-17	31-23	14-02	26-22	09-20	01-19	03-20	01-05	-	AUG
	MINIMUM	-	-	2.8	2.6	2.8	6.3	13.3	17.5	15.2	11.3	9.8	-	2.6
	DAY-HR	-	-	29-10	10-02	08-12	01-14	01-13	03-15	30-14	20-18	07-13	-	APR
	# OBS	-	-	193	719	741	699	739	737	716	740	154	-	5438
1993	MEAN	-	-	2.9	2.9	4.1	9.1	18.2	22.0	18.1	10.8	6.8	-	12.4
	MAXIMUM	-	-	3.1	3.4	8.7	15.2	21.4	25.8	22.7	14.5	8.6	-	25.8
	DAY-HR	-	-	30-22	30-18	21-23	27-18	29-00	14-21	02-02	01-00	02-04	-	AUG
	MINIMUM	-	-	2.7	2.4	3.2	4.3	13.3	20.3	14.0	6.6	5.2	-	2.4
	DAY-HR	-	-	30-13	10-13	07-12	01-13	01-15	07-16	30-12	31-08	10-12	-	APR
	# OBS	-	-	33	446	742	718	741	741	716	740	226	-	5103
1994	MEAN	-	-	1.3	1.7	2.6	7.5	18.1	19.5	19.3	14.6	11.3	-	11.7
	MAXIMUM	-	-	1.6	2.1	3.5	17.9	22.2	22.2	21.4	17.3	12.0	-	22.2
	DAY-HR	-	-	31-02	30-23	27-19	22-21	24-20	01-21	19-21	01-09	02-00	-	AUG
	MINIMUM	-	-	1.2	0.9	1.2	3.2	12.2	17.6	16.7	11.3	10.2	-	0.9
	DAY-HR	-	-	31-15	23-03	03-08	05-06	02-17	13-16	30-22	31-15	09-01	-	APR
	# OBS	-	-	77	720	738	705	727	740	709	725	228	-	5369
1995	MEAN	-	-	2.4	4.1	4.2	13.8	19.9	24.0	18.4	12.8	8.0	-	13.5
	MAXIMUM	-	-	2.7	16.0	11.6	21.8	23.9	27.4	23.8	16.0	9.5	-	27.4
	DAY-HR	-	-	25-22	03-23	30-23	24-19	31-23	18-22	05-22	02-21	02-12	-	AUG
	MINIMUM	-	-	2.3	-1.9	3.1	7.2	16.0	22.2	15.2	8.7	6.2	-	-1.9
	DAY-HR	-	-	27-10	01-12	03-11	08-11	04-15	28-09	27-15	29-15	11-23	-	APR
	# OBS	-	-	52	690	739	711	737	738	713	742	295	-	5417
1996	MEAN	-	-	1.1	1.5	2.2	3.5	13.1	21.2	19.6	13.2	6.6	5.2	9.9
	MAXIMUM	-	-	1.6	1.8	2.9	10.2	18.6	25.0	26.6	15.9	7.4	5.8	26.6
	DAY-HR	-	-	31-23	27-19	31-23	30-23	27-22	31-21	04-20	02-08	14-23	01-00	SEP
	MINIMUM	-	-	0.8	0.9	1.6	2.7	6.0	17.5	15.6	6.9	4.8	4.8	0.8
	DAY-HR	-	-	30-14	02-09	13-10	02-13	03-13	01-13	19-05	31-19	27-17	11-23	MAR
	# OBS	-	-	94	722	732	711	815	777	705	730	690	261	6237
1997	MEAN	-	-	2.4	2.6	3.2	9.6	17.7	20.4	18.4	14.6	9.9	-	11.7
	MAXIMUM	-	-	2.5	3.1	3.9	17.5	24.4	23.5	21.5	16.8	11.8	-	24.4
	DAY-HR	-	-	31-23	28-21	31-22	29-21	31-22	01-00	01-21	06-19	02-02	-	JUL
	MINIMUM	-	-	2.4	2.0	2.8	3.6	13.6	18.3	16.0	11.4	7.5	-	2.0
	DAY-HR	-	-	31-15	01-10	10-12	02-06	02-21	25-00	30-14	30-17	23-23	-	APR
	# OBS	-	-	239	710	736	712	726	735	705	735	535	-	5833
1998	MEAN	-	-	3.4	4.0	9.3	14.0	21.9	23.3	21.8	16.1	9.7	7.4	14.5
	MAXIMUM	-	-	3.9	6.3	16.6	21.1	24.3	26.2	24.6	20.3	14.4	8.9	26.2
	DAY-HR	-	-	29-19	23-22	30-19	29-21	20-23	13-21	18-20	01-00	01-20	12-21	AUG
	MINIMUM	-	-	3.1	3.5	4.7	9.8	19.1	21.9	19.9	14.2	7.0	1.6	1.6
	DAY-HR	-	-	24-14	06-14	01-15	04-13	01-17	01-10	30-14	25-14	24-16	12-15	DEC
	# OBS	-	-	169	690	713	690	736	784	696	734	719	244	6175
1999	MEAN	-	-	3.4	4.0	-	15.9	21.5	22.1	19.7	13.9	10.4	8.8	14.2
	MAXIMUM	-	-	3.6	6.6	-	22.9	25.8	25.8	24.2	16.7	12.1	9.4	25.8
	DAY-HR	-	-	30-20	26-21	-	28-21	31-23	01-00	03-22	02-02	01-01	01-05	AUG
	MINIMUM	-	-	3.0	3.5	-	10.5	17.6	20.6	16.5	11.0	9.4	8.3	3.0
	DAY-HR	-	-	27-04	13-10	-	03-11	01-13	15-12	30-14	25-13	30-23	07-23	MAR
	# OBS	-	-	481	720	-	648	741	735	702	733	713	167	5640
2000	MEAN	-	-	4.3	4.7	6.7	13.6	19.6	20.8	19.0	14.2	10.2	6.9	13.4
	MAXIMUM	-	-	6.8	9.6	9.5	17.6	23.5	23.9	23.4	16.4	13.4	7.1	23.9
	DAY-HR	-	-	23-20	28-20	02-21	29-23	24-18	15-23	01-20	03-23	02-22	05-17	AUG
	MINIMUM	-	-	4.0	4.0	5.1	10.6	16.5	19.1	15.7	13.3	7.1	6.4	4.0
	DAY-HR	-	-	30-05	10-11	02-14	06-15	01-12	05-14	30-16	31-23	30-23	07-21	APR
	# OBS	-	-	403	710	191	584	742	743	716	737	717	166	5709
2001	MEAN	-	-	2.7	3.1	4.9	11.6	19.9	22.3	19.2	12.8	9.6	8.7	12.4
	MAXIMUM	-	-	2.9	3.8	10.1	22.0	26.1	26.6	22.0	15.9	10.3	9.0	26.6
	DAY-HR	-	-	31-21	24-19	20-19	29-00	20-20	08-00	05-23	02-22	16-06	01-14	AUG
	MINIMUM	-	-	2.4	2.7	3.5	5.9	13.3	20.3	13.6	8.7	8.9	8.6	2.4
	DAY-HR	-	-	27-14	03-11	05-09	03-13	02-09	23-15	29-12	30-17	29-23	07-18	MAR
	# OBS	-	-	249	718	738	718	744	743	717	744	719	162	6252
POR	MEAN	-	-	2.9	3.0	4.4	10.8	18.9	21.6	19.1	13.2	9.0	6.5	12.6
	MAXIMUM	-	-	6.8	16.0	16.6	24.4	26.1	27.4	26.6	20.3	14.4	9.4	27.4
	YEAR	-	-	2000	1995	1998	1991	2001	1995	1996	1998	1998	1999	AUG/1995
	MINIMUM	-	-	0.8	-1.9	0.0	2.7	6.0	17.5	13.6	6.6	4.8	1.6	-1.9
	YEAR	-	-	1996	1995	1985	1996	1996	1996	2001	1993	1996	1998	APR/1995
	# OBS	-	-	3247	12597	13302	14048	15209	15374	14917	15269	10056	2032	116051

STATION: 45007 -- POR (7/1981 - 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
1981	MEAN	-	-	-	-	-	-	1016.9	1016.1	1016.6	1019.6	1018.7	1014.9	1017.5
	MAXIMUM	-	-	-	-	-	-	1025.8	1024.0	1031.1	1029.0	1033.6	1028.9	1033.6
	DAY-HR	-	-	-	-	-	-	27-14	01-14	23-16	22-04	09-17	05-16	NOV
	MINIMUM	-	-	-	-	-	-	1004.5	1002.9	1005.0	993.1	993.0	990.5	990.5
	DAY-HR	-	-	-	-	-	-	20-23	08-00	01-10	18-06	26-23	01-18	DEC
	# OBS	-	-	-	-	-	-	382	741	714	719	720	253	3529
1982	MEAN	-	-	1018.2	1016.9	1015.3	1014.4	1014.8	1016.8	1017.1	1017.7	1019.1	1016.6	1016.6
	MAXIMUM	-	-	1035.2	1032.6	1024.8	1022.5	1023.7	1026.4	1027.8	1033.8	1036.6	1038.6	1038.6
	DAY-HR	-	-	28-07	22-16	01-16	03-17	01-17	29-02	07-16	24-16	27-16	08-04	DEC
	MINIMUM	-	-	998.9	975.0	1004.1	1000.2	1000.1	1004.1	1006.2	1000.8	989.4	993.8	975.0
	DAY-HR	-	-	30-22	03-11	31-23	15-17	11-05	25-01	02-15	20-08	12-12	05-21	APR
	# OBS	-	-	216	718	742	719	742	744	718	743	690	185	6217
1983	MEAN	-	-	1015.9	1012.8	1013.8	1015.6	1015.9	1016.9	1017.6	1019.8	1014.5	-	1015.9
	MAXIMUM	-	-	1032.0	1024.1	1029.3	1023.0	1028.1	1024.9	1031.0	1036.0	1030.3	-	1036.0
	DAY-HR	-	-	29-17	05-17	09-16	22-15	07-17	24-15	24-15	30-01	04-03	-	OCT
	MINIMUM	-	-	999.4	993.3	993.8	1005.9	1003.9	1004.5	1002.3	1004.9	986.9	-	986.9
	DAY-HR	-	-	27-22	14-11	02-10	04-00	04-01	11-04	06-00	03-21	20-15	-	NOV
	# OBS	-	-	274	712	744	719	740	743	719	741	518	-	5910
1984	MEAN	-	-	1012.2	1012.3	1015.4	1014.3	1015.7	1015.3	1018.5	1019.3	1018.1	-	1015.9
	MAXIMUM	-	-	1024.5	1027.3	1031.7	1026.5	1027.5	1024.9	1032.6	1030.8	1036.8	-	1036.8
	DAY-HR	-	-	23-18	21-16	16-16	15-15	29-16	25-16	26-18	31-08	20-17	-	NOV
	MINIMUM	-	-	989.0	989.0	1000.1	999.9	1004.0	1002.8	1006.2	1000.2	1000.0	-	989.0
	DAY-HR	-	-	22-03	30-10	03-22	27-09	11-01	30-06	20-08	19-10	10-04	-	APR
	# OBS	-	-	247	719	741	720	741	744	717	743	477	-	5849
1985	MEAN	-	-	-	1015.3	1012.8	1014.0	1015.0	1017.9	1018.9	1019.2	1018.7	1020.7	1016.8
	MAXIMUM	-	-	-	1029.7	1025.2	1023.5	1023.8	1026.2	1038.9	1031.4	1035.8	1033.0	1038.9
	DAY-HR	-	-	-	09-19	03-16	06-14	17-16	02-14	13-16	28-17	21-14	03-16	SEP
	MINIMUM	-	-	-	987.7	995.5	1001.3	1001.8	1008.7	1001.8	998.5	999.3	989.9	987.7
	DAY-HR	-	-	-	06-00	31-09	09-07	05-04	25-00	23-21	05-05	02-09	01-21	APR
	# OBS	-	-	-	605	731	718	743	619	717	741	720	472	6066
1986	MEAN	-	-	-	-	1014.6	1014.4	1014.4	1016.7	1017.1	1019.5	1022.2	-	1016.8
	MAXIMUM	-	-	-	-	1022.5	1026.4	1023.8	1026.8	1033.7	1034.8	1042.4	-	1042.4
	DAY-HR	-	-	-	-	09-15	17-17	07-19	29-16	16-16	18-17	13-16	-	NOV
	MINIMUM	-	-	-	-	1003.9	999.7	1003.5	1005.7	998.8	1005.6	1005.7	-	998.8
	DAY-HR	-	-	-	-	06-23	12-00	13-01	26-20	11-18	03-13	20-13	-	SEP
	# OBS	-	-	-	-	604	719	740	742	715	741	470	-	4731
1987	MEAN	-	-	1012.1	1014.9	1017.3	1013.4	1015.0	1017.0	1014.3	1012.4	-	-	1015.0
	MAXIMUM	-	-	1020.1	1028.9	1030.9	1025.4	1023.6	1028.2	1025.3	1029.8	-	-	1030.9
	DAY-HR	-	-	28-17	25-14	04-18	10-14	21-02	24-17	03-16	03-17	-	-	MAY
	MINIMUM	-	-	1001.1	998.8	1006.4	1002.7	1008.1	1004.4	1001.3	995.9	-	-	995.9
	DAY-HR	-	-	25-09	11-11	11-22	22-00	12-17	17-00	17-21	02-03	-	-	OCT
	# OBS	-	-	245	718	742	717	725	494	680	144	-	-	4465
1988	MEAN	-	-	1015.7	1012.7	1015.8	1016.7	1016.2	1014.1	1015.7	1016.9	1010.9	1022.9	1015.1
	MAXIMUM	-	-	1029.5	1025.3	1026.5	1028.0	1022.8	1020.6	1027.5	1033.6	1028.7	1035.5	1035.5
	DAY-HR	-	-	31-16	01-03	25-16	10-16	05-19	29-17	15-15	06-15	21-17	04-16	DEC
	MINIMUM	-	-	1000.5	996.4	998.3	1006.0	1008.2	1004.0	995.4	993.1	985.4	1012.8	985.4
	DAY-HR	-	-	25-08	17-22	09-22	22-10	14-09	25-12	19-23	23-19	06-03	03-12	NOV
	# OBS	-	-	177	718	741	717	741	737	709	722	716	122	6100
1989	MEAN	-	-	1013.2	1016.4	1018.9	1015.7	1018.2	1016.7	1020.3	1018.4	1012.2	-	1017.2
	MAXIMUM	-	-	1020.0	1029.2	1028.9	1029.1	1028.1	1026.8	1035.8	1033.7	1027.4	-	1035.8
	DAY-HR	-	-	29-15	10-17	28-13	29-17	23-18	18-14	27-16	18-17	12-16	-	SEP
	MINIMUM	-	-	1005.0	1003.3	1009.1	1005.0	1008.8	1000.3	1003.7	1003.7	997.4	-	997.4
	DAY-HR	-	-	28-18	04-21	30-03	12-21	19-21	04-09	22-21	21-09	10-04	-	NOV
	# OBS	-	-	98	332	102	705	719	728	718	741	347	-	4490
1990	MEAN	-	-	-	1008.5	1013.5	1012.6	1016.6	1017.3	1016.0	1015.7	1014.4	-	1015.1
	MAXIMUM	-	-	-	1016.4	1027.4	1024.6	1025.8	1024.4	1028.6	1027.4	1020.7	-	1028.6
	DAY-HR	-	-	-	25-17	03-14	11-15	26-17	07-16	17-18	29-09	04-15	-	SEP
	MINIMUM	-	-	-	997.8	985.2	995.1	1007.6	1007.6	1001.9	997.6	994.6	-	985.2
	DAY-HR	-	-	-	28-17	10-09	23-02	04-02	28-22	14-15	18-04	05-19	-	MAY
	# OBS	-	-	-	125	733	713	735	732	702	735	119	-	4594
1991	MEAN	-	-	-	1014.5	1015.7	1016.3	1014.0	1018.3	1019.5	1014.8	-	-	1016.1
	MAXIMUM	-	-	-	1032.7	1028.1	1027.8	1025.1	1026.4	1032.2	1030.2	-	-	1032.7
	DAY-HR	-	-	-	12-15	19-15	06-16	27-16	24-17	20-16	19-17	-	-	APR
	MINIMUM	-	-	-	999.2	1002.8	1004.5	1004.5	1006.6	1002.5	998.2	-	-	998.2
	DAY-HR	-	-	-	23-10	06-02	15-22	01-22	03-00	25-22	05-03	-	-	OCT
	# OBS	-	-	-	719	725	718	741	634	715	541	-	-	4793
1992	MEAN	-	-	1017.2	1016.1	1019.2	1013.6	1013.6	1018.6	1018.0	1017.2	1012.1	-	1016.5

	MAXIMUM	-	-	1028.3	1037.0	1030.6	1022.3	1024.6	1026.2	1031.2	1031.3	1027.4	-	1037.0
	DAY-HR	-	-	28-15	13-06	06-17	21-18	21-17	15-14	29-16	22-14	07-13	-	APR
	MINIMUM	-	-	1006.9	999.8	1002.3	1000.0	1002.3	1007.1	1003.6	1002.4	992.6	-	992.6
	DAY-HR	-	-	26-20	21-02	01-21	17-22	03-00	30-05	21-12	09-09	02-14	-	NOV
	# OBS	-	-	193	719	741	699	739	737	716	741	156	-	5441
1993	MEAN	-	-	1011.1	1014.7	1014.5	1014.6	1014.0	1015.4	1015.6	1015.6	1017.3	-	1015.0
	MAXIMUM	-	-	1014.8	1028.2	1027.4	1023.8	1022.7	1025.0	1026.0	1029.5	1029.0	-	1029.5
	DAY-HR	-	-	30-15	04-19	29-14	16-11	15-16	08-16	16-13	22-17	09-17	-	OCT
	MINIMUM	-	-	1000.2	990.9	1000.1	1001.6	1003.1	1005.7	1001.2	995.2	998.2	-	990.9
	DAY-HR	-	-	31-22	16-01	15-00	09-01	06-01	23-23	09-16	28-21	05-10	-	APR
	# OBS	-	-	35	449	742	718	741	741	717	739	227	-	5109
1994	MEAN	-	-	1021.7	1014.7	1016.8	1013.8	1014.6	1016.7	1016.6	1017.8	1013.7	-	1015.9
	MAXIMUM	-	-	1029.2	1029.4	1027.0	1024.5	1024.1	1026.7	1028.6	1029.9	1030.0	-	1030.0
	DAY-HR	-	-	30-18	11-12	17-17	03-15	10-18	09-16	03-17	11-17	10-17	-	NOV
	MINIMUM	-	-	1011.8	994.8	1002.7	998.6	1006.8	1005.5	1002.3	1005.7	996.6	-	994.8
	DAY-HR	-	-	28-20	15-14	26-07	24-11	22-08	20-10	26-10	23-02	06-07	-	APR
	# OBS	-	-	77	719	738	719	729	740	709	726	229	-	5386
1995	MEAN	-	-	1023.6	1013.1	1013.6	1014.3	1012.6	1014.6	1018.0	1011.6	1014.4	-	1014.1
	MAXIMUM	-	-	1028.4	1023.6	1026.4	1026.0	1021.7	1024.9	1028.9	1026.4	1027.7	-	1028.9
	DAY-HR	-	-	25-17	10-18	26-16	17-14	30-16	22-15	23-16	30-16	05-03	-	SEP
	MINIMUM	-	-	1017.9	989.8	997.0	999.7	1005.3	1007.6	1007.8	983.0	999.4	-	983.0
	DAY-HR	-	-	27-10	18-22	14-08	07-09	22-23	31-10	17-00	27-14	11-07	-	OCT
	# OBS	-	-	52	712	739	715	738	738	714	742	295	-	5445
1996	MEAN	-	-	1019.3	1011.3	1015.1	1013.3	1013.6	1017.5	1013.4	1014.7	1020.9	1008.7	1014.8
	MAXIMUM	-	-	1030.3	1028.3	1027.3	1024.6	1023.9	1023.7	1024.0	1033.5	1038.2	1026.7	1038.2
	DAY-HR	-	-	28-02	05-15	06-17	26-17	27-17	24-17	18-15	04-15	15-00	04-16	NOV
	MINIMUM	-	-	1012.4	988.5	998.7	1005.1	1002.4	1010.9	1000.6	982.7	1005.1	995.2	982.7
	DAY-HR	-	-	31-08	25-19	20-00	18-23	08-21	15-00	27-08	30-08	30-23	01-14	OCT
	# OBS	-	-	94	722	732	711	815	777	706	730	690	261	6238
1997	MEAN	-	-	1012.3	1014.9	1012.8	1012.6	1014.8	1015.2	1014.4	1016.1	1014.2	-	1014.3
	MAXIMUM	-	-	1026.8	1032.0	1028.2	1024.0	1027.6	1023.7	1028.6	1031.2	1026.6	-	1032.0
	DAY-HR	-	-	24-14	09-19	22-16	09-16	30-16	01-00	03-17	16-16	06-16	-	APR
	MINIMUM	-	-	995.4	985.4	983.0	997.6	999.6	997.0	990.2	1001.0	992.1	-	983.0
	DAY-HR	-	-	28-23	30-23	01-07	16-11	02-22	15-15	29-19	31-20	02-20	-	MAY
	# OBS	-	-	239	710	736	712	726	735	705	735	535	-	5833
1998	MEAN	-	-	1009.9	1014.1	1012.2	1011.4	1015.7	1017.5	1014.6	1020.4	1016.6	1017.0	1015.3
	MAXIMUM	-	-	1024.5	1031.2	1022.9	1023.9	1025.3	1028.1	1025.3	1035.2	1029.8	1029.7	1035.2
	DAY-HR	-	-	24-17	28-16	17-16	08-18	31-20	01-15	23-15	22-07	07-17	10-16	OCT
	MINIMUM	-	-	996.0	997.4	997.2	997.0	1008.1	1005.3	1006.4	1004.2	986.4	1003.9	986.4
	DAY-HR	-	-	28-14	01-01	31-08	02-13	21-21	25-08	20-22	18-09	10-18	06-20	NOV
	# OBS	-	-	169	690	713	690	736	784	699	734	719	245	6179
1999	MEAN	-	-	1021.1	1014.5	-	1016.0	1014.3	1015.4	1015.1	1018.3	1018.9	1017.8	1016.5
	MAXIMUM	-	-	1031.5	1032.4	-	1028.8	1024.4	1027.6	1026.0	1027.9	1040.3	1036.9	1040.3
	DAY-HR	-	-	19-18	24-17	-	18-15	11-16	30-16	17-15	11-18	30-16	01-00	NOV
	MINIMUM	-	-	1001.0	988.2	-	999.7	1002.0	1001.4	1003.2	997.4	1005.7	1008.8	988.2
	DAY-HR	-	-	17-19	16-12	-	29-02	31-08	13-09	23-23	22-06	24-01	05-15	APR
	# OBS	-	-	481	720	-	648	741	734	702	733	713	163	5635
2000	MEAN	-	-	1016.9	1015.6	1014.7	1013.0	1014.6	1015.9	1015.7	1020.9	1014.7	1025.2	1016.2
	MAXIMUM	-	-	1034.0	1033.8	1022.5	1024.3	1023.7	1026.0	1029.7	1031.7	1027.2	1038.4	1038.4
	DAY-HR	-	-	17-19	12-17	02-17	06-19	23-17	20-15	05-16	29-14	11-16	02-16	DEC
	MINIMUM	-	-	992.9	992.8	1000.1	998.9	1008.2	1003.7	1001.0	1002.5	995.8	1005.6	992.8
	DAY-HR	-	-	28-09	06-04	09-02	16-10	09-17	06-10	20-00	02-10	09-23	07-21	APR
	# OBS	-	-	403	710	191	582	742	743	717	737	717	166	5708
2001	MEAN	-	-	1019.3	1016.2	1013.5	1015.6	1015.3	1015.2	1017.2	1015.0	1017.8	1016.8	1015.9
	MAXIMUM	-	-	1027.0	1032.3	1027.4	1026.6	1026.6	1022.7	1030.4	1034.2	1031.4	1024.4	1034.2
	DAY-HR	-	-	27-19	28-17	13-14	27-16	02-16	01-15	14-15	30-14	12-16	02-15	OCT
	MINIMUM	-	-	1006.8	994.4	994.8	995.6	1007.1	1003.8	997.6	989.7	994.2	1006.9	989.7
	DAY-HR	-	-	31-23	12-10	21-21	02-07	07-23	16-18	19-21	24-20	24-21	01-00	OCT
	# OBS	-	-	264	718	738	718	744	744	716	744	719	162	6267
POR	MEAN	-	-	1016.4	1014.4	1014.9	1014.3	1015.0	1016.4	1016.7	1017.4	1016.8	1017.6	1015.8
	MAXIMUM	-	-	1035.2	1037.0	1031.7	1029.1	1028.1	1028.2	1038.9	1036.0	1042.4	1038.6	1042.4
	YEAR	-	-	1982	1992	1984	1989	1989	1987	1985	1983	1986	1982	NOV/1986
	MINIMUM	-	-	989.0	975.0	983.0	995.1	999.6	997.0	990.2	982.7	985.4	989.9	975.0
	YEAR	-	-	1984	1982	1997	1990	1997	1997	1997	1996	1988	1985	APR/1982
	# OBS	-	-	3264	12235	12675	14077	15200	15131	14925	14672	9777	2029	113985

STATION: 45007 -- POR (7/1981 - 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
1981	MEAN	-	-	-	-	-	-	8.2	7.8	10.5	11.0	10.1	14.1	10.0
	MAXIMUM	-	-	-	-	-	-	22.9	23.5	23.3	27.0	25.5	24.5	27.0
	DAY-HR	-	-	-	-	-	-	21-10	07-04	21-21	18-19	20-06	01-06	OCT
	MINIMUM	-	-	-	-	-	-	0.0	0.0	0.0	0.0	0.2	1.0	0.0
	DAY-HR	-	-	-	-	-	-	30-04	28-11	20-01	28-06	10-01	05-23	OCT
	# OBS	-	-	-	-	-	-	381	741	714	719	720	253	3528
1982	MEAN	-	-	13.1	11.9	7.9	7.9	7.0	8.1	10.3	11.2	13.0	10.9	9.8
	MAXIMUM	-	-	22.9	35.6	21.2	21.2	18.9	22.0	20.8	28.6	27.8	22.4	35.6
	DAY-HR	-	-	30-20	03-20	20-20	20-23	07-05	25-03	25-09	20-09	12-16	06-09	APR
	MINIMUM	-	-	0.4	0.0	0.0	0.0	0.2	0.0	0.6	0.2	0.8	2.9	0.0
	DAY-HR	-	-	28-06	30-19	30-23	30-23	19-09	13-19	17-02	17-04	01-00	04-19	AUG
	# OBS	-	-	216	718	738	702	742	743	719	744	718	185	6225
1983	MEAN	-	-	13.1	10.1	8.1	6.7	7.1	7.9	10.3	11.6	12.2	-	9.4
	MAXIMUM	-	-	24.1	27.2	29.4	17.5	24.3	23.7	24.5	23.3	27.4	-	29.4
	DAY-HR	-	-	28-10	14-23	02-03	28-03	22-01	11-14	16-05	14-15	11-14	-	MAY
	MINIMUM	-	-	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
	DAY-HR	-	-	25-08	29-17	14-18	27-16	31-07	29-13	12-06	18-02	07-06	-	NOV
	# OBS	-	-	274	712	744	719	738	744	720	742	518	-	5911
1984	MEAN	-	-	12.3	11.1	7.6	7.8	6.9	8.7	11.0	10.6	15.0	-	9.7
	MAXIMUM	-	-	23.9	31.7	19.2	24.3	21.0	23.5	26.0	26.6	27.0	-	31.7
	DAY-HR	-	-	22-14	30-11	01-00	08-12	23-23	30-12	07-15	19-15	11-04	-	APR
	MINIMUM	-	-	1.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.2	-	0.0
	DAY-HR	-	-	23-22	01-00	30-23	25-19	31-01	14-20	30-05	01-19	20-20	-	OCT
	# OBS	-	-	247	719	741	720	740	744	717	743	477	-	5848
1985	MEAN	-	-	-	9.4	7.9	6.6	7.3	7.9	12.0	11.9	13.7	13.9	10.0
	MAXIMUM	-	-	-	27.2	27.2	19.4	23.3	19.4	31.1	29.2	31.1	36.9	36.9
	DAY-HR	-	-	-	16-17	17-09	22-07	31-17	12-15	24-01	05-07	20-05	02-02	DEC
	MINIMUM	-	-	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	DAY-HR	-	-	-	29-16	30-21	30-04	27-18	30-03	27-13	22-21	14-11	03-12	DEC
	# OBS	-	-	-	607	734	719	743	619	716	741	720	472	6071
1986	MEAN	-	-	-	-	6.8	7.3	7.1	9.5	9.6	11.9	14.4	-	9.3
	MAXIMUM	-	-	-	-	21.4	25.3	27.2	25.3	25.3	27.2	29.2	-	29.2
	DAY-HR	-	-	-	-	18-07	24-12	20-00	26-21	15-23	06-01	09-12	-	NOV
	MINIMUM	-	-	-	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
	DAY-HR	-	-	-	-	31-20	30-01	30-19	31-22	30-13	30-09	10-14	-	NOV
	# OBS	-	-	-	-	606	719	740	742	717	741	471	-	4736
1987	MEAN	-	-	9.8	10.0	7.5	7.0	7.9	9.6	9.5	12.8	11.6	-	9.3
	MAXIMUM	-	-	23.3	29.2	25.3	17.5	31.1	23.3	25.3	31.1	27.2	-	31.1
	DAY-HR	-	-	30-04	02-11	22-05	27-14	15-20	22-13	30-03	03-02	05-13	-	OCT
	MINIMUM	-	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
	DAY-HR	-	-	28-15	27-20	29-03	30-08	31-10	29-05	29-03	30-20	11-12	-	NOV
	# OBS	-	-	245	718	741	717	744	744	680	742	253	-	5584
1988	MEAN	-	-	13.0	11.1	8.7	8.9	7.5	10.8	12.8	15.5	16.0	17.5	11.6
	MAXIMUM	-	-	23.1	35.4	25.3	23.3	21.4	25.5	32.3	31.9	34.4	28.4	35.4
	DAY-HR	-	-	28-20	06-16	24-21	26-12	15-22	23-04	05-02	28-04	17-03	03-20	APR
	MINIMUM	-	-	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.9	0.0
	DAY-HR	-	-	30-20	20-22	21-15	16-16	27-06	10-09	27-21	20-09	20-06	01-21	NOV
	# OBS	-	-	177	719	740	717	741	739	711	722	717	122	6105
1989	MEAN	-	-	12.7	9.0	7.8	7.1	8.2	9.0	10.7	13.5	14.2	-	9.7
	MAXIMUM	-	-	19.1	23.1	20.0	21.2	23.9	27.8	34.6	27.0	28.2	-	34.6
	DAY-HR	-	-	31-09	14-13	30-21	29-00	28-00	05-05	23-01	19-22	04-13	-	SEP
	MINIMUM	-	-	6.0	0.2	0.0	0.6	0.0	0.8	0.2	0.2	0.6	-	0.0
	DAY-HR	-	-	31-23	18-18	22-20	19-11	17-02	30-21	11-22	13-10	01-20	-	JUL
	# OBS	-	-	98	717	734	706	722	727	718	741	347	-	5510
1990	MEAN	-	-	-	8.9	8.9	8.4	8.8	9.1	11.7	13.5	13.4	-	10.1
	MAXIMUM	-	-	-	15.6	32.9	23.9	25.7	21.8	27.6	36.0	27.4	-	36.0
	DAY-HR	-	-	-	28-19	10-13	03-20	30-21	25-17	23-04	18-17	05-22	-	OCT
	MINIMUM	-	-	-	1.9	0.2	0.2	0.0	0.4	0.2	0.0	0.0	-	0.0
	DAY-HR	-	-	-	29-18	23-01	24-23	15-18	31-12	01-23	31-23	01-04	-	NOV
	# OBS	-	-	-	125	736	713	736	733	701	736	119	-	4599
1991	MEAN	-	-	-	10.7	7.6	7.8	9.7	9.2	11.3	14.1	-	-	9.9
	MAXIMUM	-	-	-	22.7	22.4	22.0	21.8	24.1	26.6	25.7	-	-	26.6
	DAY-HR	-	-	-	10-13	31-00	23-00	29-06	08-16	26-04	04-23	-	-	SEP
	MINIMUM	-	-	-	0.8	0.4	0.0	0.4	0.2	0.0	1.0	-	-	0.0
	DAY-HR	-	-	-	15-01	25-01	18-20	07-12	02-06	29-01	12-09	-	-	SEP
	# OBS	-	-	-	719	726	718	741	635	716	541	-	-	4796
1992	MEAN	-	-	10.6	11.0	8.7	8.1	8.9	10.3	11.7	13.6	18.4	-	10.7
	MAXIMUM	-	-	34.4	24.3	28.0	27.0	22.9	24.7	30.7	30.1	33.8	-	34.4
	DAY-HR	-	-	27-06	01-07	23-16	17-21	23-12	30-04	09-19	09-09	02-02	-	MAR
	MINIMUM	-	-	0.4	0.0	0.0	0.0	0.2	0.2	0.8	0.4	2.7	-	0.0

	DAY-HR	-	-	31-22	10-01	08-11	08-20	06-05	17-00	29-21	27-08	07-09	-	JUN
	# OBS	-	-	193	719	741	699	472	737	714	740	156	-	5171
1993	MEAN	-	-	8.5	10.7	8.1	7.8	8.9	8.9	12.3	13.9	14.3	-	10.2
	MAXIMUM	-	-	25.7	27.8	28.8	31.9	20.6	29.9	29.2	30.5	25.7	-	31.9
	DAY-HR	-	-	31-22	01-04	12-22	30-12	29-12	09-20	09-13	21-08	08-03	-	JUN
	MINIMUM	-	-	0.4	0.8	0.0	0.0	0.2	0.0	0.2	0.8	0.6	-	0.0
	DAY-HR	-	-	30-07	16-04	17-20	11-13	31-02	11-15	22-07	08-08	09-22	-	AUG
	# OBS	-	-	37	473	742	719	741	743	718	738	228	-	5139
1994	MEAN	-	-	7.9	9.9	7.8	7.2	8.5	9.4	10.0	13.0	14.9	-	9.8
	MAXIMUM	-	-	14.0	28.2	26.6	20.8	17.9	24.3	26.6	28.6	29.2	-	29.2
	DAY-HR	-	-	29-15	05-12	26-13	24-11	08-10	30-23	28-11	31-23	06-09	-	NOV
	MINIMUM	-	-	0.4	0.2	0.0	0.0	0.6	0.0	0.0	0.0	0.2	-	0.0
	DAY-HR	-	-	30-20	10-09	27-17	17-23	14-21	17-20	09-14	31-11	07-09	-	OCT
	# OBS	-	-	77	561	369	719	580	488	709	726	229	-	4458
1995	MEAN	-	-	9.3	7.8	8.0	6.5	8.3	9.0	11.3	14.5	18.6	-	9.9
	MAXIMUM	-	-	21.4	21.4	20.2	25.9	21.4	30.5	26.2	31.3	35.2	-	35.2
	DAY-HR	-	-	27-09	27-14	09-07	08-02	28-08	28-17	17-06	24-15	11-13	-	NOV
	MINIMUM	-	-	2.1	0.2	0.0	0.0	0.0	0.2	0.4	0.2	3.3	-	0.0
	DAY-HR	-	-	25-21	14-09	30-16	25-07	21-04	17-05	03-22	23-00	09-09	-	JUL
	# OBS	-	-	52	715	739	715	738	738	714	742	295	-	5448
1996	MEAN	-	-	11.3	11.9	8.6	7.0	7.0	7.6	11.2	14.2	14.6	16.2	10.4
	MAXIMUM	-	-	25.1	24.5	25.9	19.6	23.7	20.4	29.9	36.4	27.0	26.8	36.4
	DAY-HR	-	-	31-22	26-15	11-01	02-05	19-22	23-11	26-18	30-10	15-14	08-20	OCT
	MINIMUM	-	-	3.7	0.6	0.0	0.0	0.0	0.0	0.0	0.6	0.8	3.5	0.0
	DAY-HR	-	-	31-02	26-23	12-21	26-08	09-22	31-15	25-15	11-08	22-17	10-18	SEP
	# OBS	-	-	94	722	732	711	815	777	707	730	690	261	6239
1997	MEAN	-	-	12.7	10.5	9.2	7.2	8.8	10.2	12.0	13.5	14.1	-	10.7
	MAXIMUM	-	-	26.2	36.0	33.0	20.8	24.1	25.3	31.5	33.2	25.7	-	36.0
	DAY-HR	-	-	25-03	06-23	01-08	17-02	17-06	05-05	19-20	26-19	17-09	-	APR
	MINIMUM	-	-	0.0	0.0	0.2	0.0	0.0	0.2	0.0	0.0	1.2	-	0.0
	DAY-HR	-	-	23-01	26-11	14-21	22-18	31-21	03-14	15-06	06-12	05-15	-	OCT
	# OBS	-	-	239	710	735	712	726	735	704	735	535	-	5831
1998	MEAN	-	-	12.6	9.7	7.9	7.6	8.7	8.9	9.5	12.9	14.6	11.9	10.1
	MAXIMUM	-	-	25.7	27.6	25.7	27.6	30.7	19.6	21.0	26.4	41.2	28.2	41.2
	DAY-HR	-	-	26-02	26-15	31-09	02-18	21-20	16-00	15-05	18-13	10-23	07-01	NOV
	MINIMUM	-	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	0.0
	DAY-HR	-	-	24-00	21-07	30-19	23-07	25-02	13-18	18-21	09-20	08-14	04-06	NOV
	# OBS	-	-	169	690	713	690	736	784	699	734	719	246	6180
1999	MEAN	-	-	12.1	9.7	-	7.3	8.8	10.6	12.0	14.2	13.8	16.4	11.2
	MAXIMUM	-	-	27.2	29.7	-	31.1	33.4	28.0	27.8	32.7	29.0	26.6	33.4
	DAY-HR	-	-	18-02	23-13	-	11-23	21-09	14-04	29-01	23-17	24-05	05-18	JUL
	MINIMUM	-	-	0.8	0.0	-	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0
	DAY-HR	-	-	27-03	25-09	-	16-18	12-05	11-03	17-22	11-08	13-10	04-22	DEC
	# OBS	-	-	481	720	-	648	741	735	703	733	713	167	5641
2000	MEAN	-	-	11.3	11.1	8.8	9.5	9.4	10.0	13.7	12.9	16.2	16.2	11.9
	MAXIMUM	-	-	28.8	33.8	18.7	21.2	26.0	26.4	28.4	29.9	31.5	34.2	34.2
	DAY-HR	-	-	16-03	08-07	09-03	20-18	18-06	17-14	22-21	08-01	09-23	05-09	DEC
	MINIMUM	-	-	0.6	0.0	0.0	0.0	0.6	0.2	0.8	1.0	1.9	1.2	0.0
	DAY-HR	-	-	22-15	02-19	01-23	07-17	24-18	29-17	26-03	03-22	09-01	03-07	JUN
	# OBS	-	-	403	710	191	579	742	743	716	737	717	165	5703
2001	MEAN	-	-	10.7	11.4	9.5	7.5	8.0	10.6	12.9	15.4	14.0	15.8	11.2
	MAXIMUM	-	-	25.5	29.9	22.4	26.8	27.6	26.6	33.6	36.9	29.0	26.8	36.9
	DAY-HR	-	-	24-06	17-12	14-21	12-06	04-09	16-18	20-00	25-23	08-16	06-02	OCT
	MINIMUM	-	-	0.4	0.4	0.4	0.2	0.2	1.0	0.2	0.4	0.8	5.4	0.2
	DAY-HR	-	-	27-20	02-17	25-21	09-02	29-18	27-02	30-13	02-04	11-18	03-20	SEP
	# OBS	-	-	264	718	738	718	744	744	717	744	719	162	6268
POR	MEAN	-	-	11.7	10.4	8.2	7.5	8.1	9.2	11.3	13.1	14.2	14.5	10.3
	MAXIMUM	-	-	34.4	36.0	33.0	31.9	33.4	30.5	34.6	36.9	41.2	36.9	41.2
	YEAR	-	-	1992	1997	1997	1993	1999	1995	1989	2001	1998	1985	NOV/1998
	MINIMUM	-	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	YEAR	-	-	1998	2000	2000	2000	1999	1999	1998	1999	1999	1999	JUN/2000
	# OBS	-	-	3266	12492	12940	14060	14803	15135	14930	15271	10061	2033	114991

STATION: 45007 -- POR (7/1981 - 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
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1981	MEAN	-	-	-	-	-	-	10.8	10.2	14.8	15.2	14.2	20.4	13.8
	MAXIMUM	-	-	-	-	-	-	29.2	34.2	34.0	39.5	37.3	36.5	39.5
	DAY-HR	-	-	-	-	-	-	21-11	07-04	27-20	18-20	20-07	01-06	OCT
	# OBS	-	-	-	-	-	-	381	740	714	719	720	253	3527
1982	MEAN	-	-	16.7	15.3	9.3	9.4	8.8	10.7	13.5	14.8	17.5	14.4	12.6
	MAXIMUM	-	-	30.9	52.7	26.8	29.4	25.1	30.3	28.0	41.0	40.4	31.5	52.7
	DAY-HR	-	-	30-20	03-20	20-20	20-23	07-05	25-03	21-16	20-09	12-16	06-04	APR
	# OBS	-	-	216	718	738	702	742	743	719	744	718	185	6225
1983	MEAN	-	-	16.9	12.8	10.0	8.0	8.8	10.0	13.4	15.0	15.8	-	11.8
	MAXIMUM	-	-	30.9	37.7	37.3	22.2	37.5	30.1	34.6	30.5	36.0	-	37.7
	DAY-HR	-	-	28-08	14-23	02-03	28-03	22-01	11-14	18-01	14-15	11-13	-	APR
	# OBS	-	-	274	712	744	719	738	744	720	742	518	-	5911
1984	MEAN	-	-	15.8	14.0	9.2	9.1	8.5	11.0	14.6	13.7	20.1	-	12.3
	MAXIMUM	-	-	32.3	43.7	27.2	31.5	27.4	39.9	35.0	35.8	36.2	-	43.7
	DAY-HR	-	-	22-14	30-11	01-02	08-12	23-23	30-07	07-13	19-14	11-00	-	APR
	# OBS	-	-	247	719	741	720	740	744	717	743	477	-	5848
1985	MEAN	-	-	-	11.7	-	-	9.0	9.9	14.9	14.7	17.4	18.0	13.6
	MAXIMUM	-	-	-	35.0	-	-	29.2	23.3	38.9	35.0	40.8	46.7	46.7
	DAY-HR	-	-	-	10-12	-	-	05-07	12-14	24-00	05-10	20-04	02-02	DEC
	# OBS	-	-	-	603	-	-	717	616	714	741	720	471	4582
1986	MEAN	-	-	-	-	8.0	8.6	8.5	11.8	11.9	14.7	18.4	-	11.4
	MAXIMUM	-	-	-	-	31.1	31.1	33.0	31.1	29.2	33.0	35.0	-	35.0
	DAY-HR	-	-	-	-	17-10	24-12	20-00	26-21	15-23	14-21	09-15	-	NOV
	# OBS	-	-	-	-	604	718	736	740	716	741	470	-	4725
1987	MEAN	-	-	12.1	12.1	8.8	8.4	9.7	12.0	12.0	16.1	14.4	-	11.5
	MAXIMUM	-	-	29.2	36.9	31.1	23.3	44.7	29.2	31.1	40.8	33.0	-	44.7
	DAY-HR	-	-	30-03	02-02	22-05	27-10	15-19	22-12	30-04	03-02	05-13	-	JUL
	# OBS	-	-	245	718	741	716	744	744	680	741	253	-	5582
1988	MEAN	-	-	15.6	13.2	10.0	10.4	9.0	13.2	15.6	19.4	19.6	21.5	14.0
	MAXIMUM	-	-	28.6	45.1	30.5	29.0	27.4	31.7	41.4	39.7	43.4	34.4	45.1
	DAY-HR	-	-	28-18	06-16	24-21	26-12	16-22	23-07	20-05	04-02	17-03	03-20	APR
	# OBS	-	-	177	717	740	717	741	736	709	722	714	122	6095
1989	MEAN	-	-	15.3	10.9	9.3	8.5	9.8	11.0	13.3	16.6	17.8	-	11.8
	MAXIMUM	-	-	24.1	30.1	46.7	26.0	31.7	49.2	43.9	34.8	35.6	-	49.2
	DAY-HR	-	-	31-09	09-20	30-21	28-21	28-00	05-05	23-03	21-17	04-09	-	AUG
	# OBS	-	-	98	713	728	701	718	726	717	740	347	-	5488
1990	MEAN	-	-	-	10.3	10.9	10.2	10.3	10.9	14.5	17.1	15.9	-	12.4
	MAXIMUM	-	-	-	18.7	41.6	29.2	31.7	26.8	34.4	43.7	32.9	-	43.7
	DAY-HR	-	-	-	28-19	10-13	03-20	30-21	05-18	23-02	18-17	05-22	-	OCT
	# OBS	-	-	-	125	731	713	731	730	699	733	119	-	4581
1991	MEAN	-	-	-	12.7	9.0	9.3	11.8	11.0	14.2	17.4	-	-	12.0
	MAXIMUM	-	-	-	29.0	32.9	28.2	29.7	30.1	34.8	33.2	-	-	34.8
	DAY-HR	-	-	-	10-10	31-00	14-22	21-10	08-16	26-04	05-18	-	-	SEP
	# OBS	-	-	-	719	726	718	741	633	716	539	-	-	4792
1992	MEAN	-	-	13.0	13.2	10.2	9.5	10.6	12.4	14.3	16.7	23.3	-	12.9
	MAXIMUM	-	-	42.2	29.7	37.3	34.2	27.6	32.1	38.9	37.5	43.2	-	43.2
	DAY-HR	-	-	27-04	01-07	23-16	17-21	23-11	30-04	09-19	09-09	02-02	-	NOV
	# OBS	-	-	193	719	741	699	472	737	714	740	155	-	5170
1993	MEAN	-	-	8.3	12.4	9.5	9.1	10.5	10.8	15.4	16.9	17.6	-	12.3
	MAXIMUM	-	-	31.5	33.2	35.2	41.2	25.3	36.7	36.7	38.1	31.7	-	41.2
	DAY-HR	-	-	31-22	01-02	13-01	30-12	29-12	09-20	09-13	21-08	07-22	-	JUN
	# OBS	-	-	32	432	742	717	741	741	717	738	226	-	5086
1994	MEAN	-	-	9.6	12.8	9.5	8.6	10.9	11.3	12.1	15.9	18.1	-	12.1
	MAXIMUM	-	-	15.7	34.0	33.2	26.0	22.0	29.0	31.7	33.8	36.0	-	36.0
	DAY-HR	-	-	31-22	05-12	26-13	01-10	13-12	30-23	28-12	31-23	01-10	-	NOV
	# OBS	-	-	77	561	368	718	577	488	707	725	229	-	4450
1995	MEAN	-	-	11.1	11.4	9.5	7.7	10.1	10.9	14.1	17.8	23.5	-	12.3
	MAXIMUM	-	-	26.0	30.5	24.3	32.7	29.2	38.1	31.5	39.7	45.7	-	45.7
	DAY-HR	-	-	27-09	09-13	09-07	08-02	16-01	28-17	22-15	24-11	11-13	-	NOV
	# OBS	-	-	52	715	739	715	738	738	714	742	295	-	5448
1996	MEAN	-	-	13.2	14.0	10.0	7.9	8.0	9.1	13.5	17.2	18.2	19.8	12.5
	MAXIMUM	-	-	31.5	29.9	31.9	26.6	28.8	24.1	37.3	46.1	32.3	33.0	46.1
	DAY-HR	-	-	31-20	26-15	11-01	23-23	19-22	23-11	26-18	30-10	15-19	02-02	OCT
	# OBS	-	-	94	722	732	711	815	777	706	730	690	261	6238
1997	MEAN	-	-	15.4	12.5	10.8	8.3	10.3	12.2	14.4	16.6	17.8	-	12.8
	MAXIMUM	-	-	33.8	46.1	41.6	24.7	28.6	29.9	38.7	40.0	30.7	-	46.1
	DAY-HR	-	-	25-03	06-23	01-08	17-01	21-10	05-04	19-20	27-02	17-09	-	APR
	# OBS	-	-	239	710	735	712	726	735	704	735	535	-	5831

1998	MEAN	-	-	14.5	11.4	9.1	8.9	10.4	10.6	11.8	15.8	18.0	14.4	12.2
	MAXIMUM	-	-	29.7	34.2	35.8	32.7	47.8	24.7	29.4	31.3	53.8	34.2	53.8
	DAY-HR	-	-	26-02	26-15	31-09	26-03	21-20	23-14	15-03	18-13	11-00	07-01	NOV
	# OBS	-	-	169	690	713	690	736	784	697	734	719	246	6178
1999	MEAN	-	-	14.5	11.5	-	8.5	10.3	12.9	14.6	17.4	16.9	20.0	13.5
	MAXIMUM	-	-	33.0	37.7	-	43.2	44.3	35.4	33.2	39.3	37.1	32.9	44.3
	DAY-HR	-	-	18-02	23-13	-	11-23	21-09	14-04	29-01	23-18	24-05	05-18	JUL
	# OBS	-	-	481	720	-	648	741	735	702	733	713	167	5640
2000	MEAN	-	-	13.4	13.2	9.8	10.9	11.1	11.8	16.6	15.3	20.0	20.6	14.2
	MAXIMUM	-	-	36.2	42.6	29.2	27.0	31.5	33.8	34.4	36.5	38.1	41.8	42.6
	DAY-HR	-	-	27-23	08-07	09-03	22-09	18-06	17-14	22-21	08-01	09-23	05-09	APR
	# OBS	-	-	403	710	191	579	742	743	717	737	716	166	5704
2001	MEAN	-	-	13.0	13.2	10.9	8.6	9.4	12.5	15.7	18.7	16.7	18.7	13.3
	MAXIMUM	-	-	32.7	37.3	28.4	36.9	35.8	31.5	42.0	47.2	34.8	34.2	47.2
	DAY-HR	-	-	24-06	17-13	14-21	12-06	04-09	16-18	20-00	26-00	25-14	01-07	OCT
	# OBS	-	-	264	718	738	718	744	744	717	744	719	162	6268
POR	MEAN	-	-	14.3	12.7	9.7	8.9	9.8	11.3	14.1	16.3	17.9	18.4	12.6
	MAXIMUM	-	-	42.2	52.7	46.7	43.2	47.8	49.2	43.9	47.2	53.8	46.7	53.8
	YEAR	-	-	1992	1982	1989	1989	1998	1989	1989	2001	1998	1985	NOV/1998
	# OBS	-	-	3261	12441	12192	13331	14761	15118	14916	15263	10053	2033	113369

STATION: 45007 -- POR (7/1981 - 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
1981	MEAN	-	-	-	-	-	-	0.6	0.7	1.2	1.3	1.1	1.8	1.1
	MAXIMUM	-	-	-	-	-	-	2.8	2.5	3.2	4.5	4.8	3.6	4.8
	DAY-HR	-	-	-	-	-	-	21-13	14-22	17-17	02-08	20-09	08-16	NOV
	# OBS	-	-	-	-	-	-	160	484	709	719	720	253	3045
1982	MEAN	-	-	1.2	1.0	0.3	0.4	0.4	0.6	1.0	1.0	1.3	0.9	0.8
	MAXIMUM	-	-	2.8	4.9	2.3	2.0	1.5	2.4	2.9	4.1	3.5	2.7	4.9
	DAY-HR	-	-	27-09	03-23	20-20	16-05	23-02	25-10	25-15	20-13	13-03	06-13	APR
	# OBS	-	-	215	717	727	719	737	740	718	743	718	185	6219
1983	MEAN	-	-	1.7	-	0.5	0.4	0.5	0.7	1.0	1.2	1.5	-	0.8
	MAXIMUM	-	-	3.4	-	2.4	1.9	2.4	3.3	3.1	2.7	5.3	-	5.3
	DAY-HR	-	-	19-14	-	25-15	28-04	05-22	11-23	18-08	29-06	11-18	-	NOV
	# OBS	-	-	100	-	290	719	742	743	716	738	510	-	4558
1984	MEAN	-	-	1.4	1.1	0.5	0.4	0.4	0.7	1.0	0.9	1.7	-	0.8
	MAXIMUM	-	-	3.3	4.8	2.9	2.1	1.5	2.5	3.4	2.8	4.4	-	4.8
	DAY-HR	-	-	22-16	30-13	01-01	08-13	18-14	23-16	07-15	19-17	11-09	-	APR
	# OBS	-	-	245	718	740	718	734	741	716	740	477	-	5829
1985	MEAN	-	-	-	0.6	0.4	0.4	0.4	0.5	0.9	1.0	-	-	0.6
	MAXIMUM	-	-	-	3.1	3.1	1.7	2.1	1.6	3.0	2.7	-	-	3.1
	DAY-HR	-	-	-	06-15	17-13	22-08	31-20	12-15	24-01	08-11	-	-	MAY
	# OBS	-	-	-	603	726	715	737	576	698	333	-	-	4388
1986	MEAN	-	-	-	-	0.3	0.4	0.4	0.6	0.6	0.9	1.2	-	0.6
	MAXIMUM	-	-	-	-	2.1	2.9	1.4	2.5	2.1	3.1	3.2	-	3.2
	DAY-HR	-	-	-	-	18-07	01-22	04-15	22-03	16-04	06-08	09-13	-	NOV
	# OBS	-	-	-	-	585	717	737	742	716	739	470	-	4706
1987	MEAN	-	-	0.7	0.8	0.3	0.3	0.4	0.6	0.6	1.1	0.9	-	0.6
	MAXIMUM	-	-	2.8	3.8	1.3	1.5	2.7	2.8	2.1	4.8	2.7	-	4.8
	DAY-HR	-	-	30-04	02-12	12-06	09-06	15-20	05-02	30-23	03-00	05-15	-	OCT
	# OBS	-	-	236	706	741	712	742	739	680	738	253	-	5547
1988	MEAN	-	-	1.0	0.8	0.4	0.4	0.4	0.7	0.9	1.4	1.4	1.5	0.8
	MAXIMUM	-	-	2.0	4.0	2.8	2.0	1.4	2.3	4.4	3.9	3.8	3.4	4.4
	DAY-HR	-	-	26-20	06-17	24-21	26-13	01-06	23-06	05-06	05-03	16-17	04-01	SEP
	# OBS	-	-	177	716	740	717	739	733	705	719	714	121	6081
1989	MEAN	-	-	0.8	0.5	0.3	0.2	0.4	0.5	0.7	1.0	1.1	-	0.6
	MAXIMUM	-	-	1.8	2.2	1.9	2.2	2.0	2.7	5.6	3.9	3.3	-	5.6
	DAY-HR	-	-	29-16	10-01	10-01	28-21	20-02	06-23	23-06	20-02	04-14	-	SEP
	# OBS	-	-	98	713	715	686	689	723	715	738	347	-	5424
1990	MEAN	-	-	-	0.2	0.5	0.4	0.4	0.4	0.7	1.1	1.0	-	0.5
	MAXIMUM	-	-	-	0.6	3.7	2.2	2.3	2.2	2.9	3.9	2.9	-	3.9

	DAY-HR	-	-	-	29-00	10-16	23-11	31-00	05-22	23-08	18-22	05-22	-	OCT
	# OBS	-	-	-	115	706	698	697	687	483	503	119	-	4008
1991	MEAN	-	-	-	-	-	0.3	0.5	0.5	0.8	1.1	-	-	0.6
	MAXIMUM	-	-	-	-	-	1.9	2.0	2.5	2.6	2.8	-	-	2.8
	DAY-HR	-	-	-	-	-	22-14	14-03	31-23	26-10	05-19	-	-	OCT
	# OBS	-	-	-	-	-	708	732	619	710	538	-	-	3307
1992	MEAN	-	-	0.8	0.6	0.4	0.4	0.5	0.6	0.7	0.9	1.6	-	0.6
	MAXIMUM	-	-	5.1	2.7	3.2	2.8	1.7	2.1	2.8	3.1	4.0	-	5.1
	DAY-HR	-	-	27-09	01-09	24-02	19-10	31-03	30-05	09-22	16-23	02-03	-	MAR
	# OBS	-	-	190	706	717	641	207	730	696	721	137	-	4745
1993	MEAN	-	-	0.1	0.5	0.3	0.3	0.4	0.5	0.8	1.0	1.2	-	0.6
	MAXIMUM	-	-	0.2	2.5	3.5	2.0	1.7	2.1	2.9	4.0	3.5	-	4.0
	DAY-HR	-	-	30-09	16-06	13-02	30-13	29-14	21-03	12-17	09-09	06-04	-	OCT
	# OBS	-	-	24	300	739	705	730	724	699	699	214	-	4834
1994	MEAN	-	-	0.4	0.7	0.3	0.3	0.4	0.6	0.6	0.9	1.3	-	0.6
	MAXIMUM	-	-	0.7	3.7	2.8	1.8	1.5	3.6	2.2	2.6	3.1	-	3.7
	DAY-HR	-	-	31-17	05-13	26-17	24-13	13-14	05-00	28-15	29-03	01-15	-	APR
	# OBS	-	-	77	718	729	712	689	737	701	704	224	-	5291
1995	MEAN	-	-	0.3	0.2	0.3	0.2	0.3	0.4	0.7	1.0	1.7	-	0.5
	MAXIMUM	-	-	1.2	1.9	1.6	2.2	1.9	1.7	3.5	3.3	5.2	-	5.2
	DAY-HR	-	-	27-10	27-15	09-07	08-10	28-08	09-22	07-21	24-10	11-11	-	NOV
	# OBS	-	-	52	697	738	698	738	737	713	742	293	-	5408
1996	MEAN	-	-	0.6	0.8	0.4	0.2	0.3	0.3	0.8	1.0	1.1	1.3	0.6
	MAXIMUM	-	-	2.6	2.9	3.5	1.2	2.5	1.5	3.8	4.0	2.7	3.2	4.0
	DAY-HR	-	-	31-22	05-01	11-04	08-01	19-22	23-11	13-05	30-12	26-11	09-01	OCT
	# OBS	-	-	94	722	731	709	815	772	702	730	667	260	6202
1997	MEAN	-	-	0.9	0.6	0.5	0.2	0.4	0.5	0.8	0.9	1.0	-	0.6
	MAXIMUM	-	-	2.0	4.5	4.3	1.4	1.8	2.6	3.1	4.0	2.7	-	4.5
	DAY-HR	-	-	25-08	07-00	01-10	21-12	28-22	05-06	03-00	27-12	16-03	-	APR
	# OBS	-	-	239	708	726	708	723	719	700	734	533	-	5790
1998	MEAN	-	-	0.7	0.6	0.3	0.3	0.4	0.4	0.6	0.9	1.2	0.8	0.6
	MAXIMUM	-	-	1.5	2.7	1.6	2.1	1.8	2.0	2.3	2.7	6.2	2.5	6.2
	DAY-HR	-	-	27-03	10-02	09-00	02-22	04-21	16-01	09-00	01-11	11-04	07-02	NOV
	# OBS	-	-	168	688	710	689	734	765	685	730	718	234	6121
1999	MEAN	-	-	0.8	0.6	-	0.3	0.4	0.6	0.8	1.1	1.0	1.4	0.7
	MAXIMUM	-	-	2.5	3.0	-	2.9	2.3	3.5	3.2	4.8	3.0	3.1	4.8
	DAY-HR	-	-	22-08	23-15	-	29-08	10-10	14-05	29-14	23-18	24-06	05-21	OCT
	# OBS	-	-	481	718	-	619	741	734	702	733	712	167	5607
2000	MEAN	-	-	0.7	0.8	0.2	0.4	0.4	0.5	1.0	0.8	1.3	1.3	0.7
	MAXIMUM	-	-	3.2	5.2	0.8	1.4	2.0	2.4	2.9	3.7	3.4	3.8	5.2
	DAY-HR	-	-	16-06	08-09	08-20	12-11	31-04	03-01	15-17	08-08	10-01	05-11	APR
	# OBS	-	-	403	707	191	583	740	743	715	735	708	164	5689
2001	MEAN	-	-	0.7	0.6	0.4	0.2	0.3	0.6	1.0	1.2	1.0	1.0	0.7
	MAXIMUM	-	-	2.6	4.1	1.7	1.4	2.3	2.4	5.2	4.5	3.1	2.5	5.2
	DAY-HR	-	-	24-08	17-17	11-21	12-07	01-15	31-23	24-03	25-23	08-20	06-03	SEP
	# OBS	-	-	249	716	738	717	744	743	711	743	717	162	6240
POR	MEAN	-	-	0.9	0.7	0.4	0.3	0.4	0.5	0.8	1.0	1.2	1.3	0.7
	MAXIMUM	-	-	5.1	5.2	4.3	2.9	2.8	3.6	5.6	4.8	6.2	3.8	6.2
	YEAR	-	-	1992	2000	1997	1999	1981	1994	1989	1999	1998	2000	NOV/1998
	# OBS	-	-	3048	10968	11989	13890	14307	14931	14590	14519	9251	1546	109039

STATION: 45007

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

Month: MAR

WIND SPEED	CALM	WIND DIRECTION											TOT %	TOT N	
		35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31			32-34
0	0.4	-	*	-	-	-	-	-	*	-	-	0.1	0.1	0.7	22
1 - 3		0.3	0.4	0.3	0.5	0.3	0.5	0.5	0.6	0.3	0.3	0.5	0.4	4.7	153
4 - 6		1.1	1.6	1.2	1.3	1.3	1.0	1.9	0.9	0.7	0.7	1.1	0.8	13.7	447
7 - 10		2.4	2.1	3.2	2.4	3.0	1.7	2.8	2.6	1.4	0.6	1.0	1.6	24.9	812
11 - 15		4.4	2.1	1.8	2.1	2.3	2.5	5.2	2.6	2.1	1.5	1.2	2.8	30.7	1003
16 - 20		4.0	1.2	1.1	0.6	0.3	1.5	1.7	1.0	0.3	1.1	2.1	4.8	19.7	644
21 - 24		1.1	-	0.1	0.2	0.2	0.3	0.1	0.1	0.1	0.2	1.3	1.1	4.7	155
25 - 33		0.3	-	*	0.1	*	*	-	-	-	0.1	0.1	0.3	0.9	28
34 - 47		-	-	-	-	-	-	-	-	-	-	-	0.1	0.1	2
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.4	13.6	7.4	7.7	7.3	7.4	7.5	12.2	7.8	4.9	4.5	7.3	11.8	100.0	
TOTAL N	14	444	241	252	238	243	246	400	254	160	148	239	387		3266

(* < 0.05%)

STATION: 45007

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	0.6	*	*	*	*	*	*	*	*	*	*	*	*	-	*	0.9	108
1 - 3		0.8	0.7	0.6	0.6	0.7	0.6	0.6	0.6	0.6	0.5	0.5	0.7			7.5	932
4 - 6		1.8	1.7	1.6	1.5	1.8	2.0	2.0	1.2	1.2	1.1	1.1	1.3			18.4	2299
7 - 10		3.2	2.8	2.4	2.6	2.1	3.8	3.6	2.3	1.4	1.5	1.6	2.6			30.0	3748
11 - 15		4.3	2.2	1.8	2.4	1.3	3.0	3.0	2.3	0.8	1.0	1.3	2.5			26.1	3255
16 - 20		3.1	1.1	0.9	0.9	0.4	0.8	1.0	0.6	0.5	0.5	0.8	1.6			12.2	1526
21 - 24		0.8	0.3	0.4	0.3	*	*	0.2	0.1	0.2	0.2	0.2	0.5			3.3	415
25 - 33		0.5	0.1	0.1	0.1	*	-	*	0.1	0.1	0.1	0.3	0.1			1.6	195
34 - 47		*	-	-	-	-	-	-	*	0.1	*	-	-			0.1	14
> 48		-	-	-	-	-	-	-	-	-	-	-	-			0.0	0
TOTAL %	0.6	14.6	9.0	7.9	8.4	6.5	10.3	10.4	7.4	5.0	5.1	5.6	9.4			100.0	
TOTAL N	75	1819	1120	989	1044	815	1284	1299	919	620	635	702	1171				12492

(* < 0.05%)

STATION: 45007

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

Month: MAY

WIND SPEED	CALM	WIND DIRECTION												TOT %	TOT N		
		35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34				
0	1.2	0.1	*	*	*	-	*	*	*	*	*	*	*	*	*	1.5	194
1 - 3		1.0	0.8	0.6	0.7	0.6	0.8	0.8	0.9	0.7	0.7	0.7	0.9			9.3	1204
4 - 6		2.6	2.3	2.0	2.1	2.4	2.7	3.1	2.8	1.9	1.6	1.9	2.3			27.8	3599
7 - 10		4.0	3.2	2.6	3.2	3.1	4.8	5.6	3.5	1.8	1.3	1.3	2.5			36.8	4768
11 - 15		3.6	1.2	0.9	1.4	1.0	2.1	3.5	1.8	0.8	0.6	0.5	1.4			18.9	2447
16 - 20		1.6	0.2	0.1	0.3	0.1	0.4	0.5	0.2	0.3	0.2	0.2	0.4			4.4	571
21 - 24		0.4	*	*	*	*	*	0.1	*	-	*	*	0.1			0.8	101
25 - 33		0.3	-	*	-	*	-	*	*	-	*	0.1	*			0.4	56
34 - 47		-	-	-	-	-	-	-	-	-	-	-	-			0.0	0
> 48		-	-	-	-	-	-	-	-	-	-	-	-			0.0	0
TOTAL %	1.2	13.6	7.8	6.3	7.8	7.3	10.8	13.7	9.1	5.6	4.5	4.8	7.7			100.0	
TOTAL N	154	1754	1006	814	1008	941	1394	1776	1181	719	581	618	994				12940

(* < 0.05%)

STATION: 45007

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

Month: JUN

WIND SPEED	CALM	WIND DIRECTION												TOT %	TOT N		
		35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34				
0	1.1	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1.5	207
1 - 3		1.1	1.1	0.9	0.9	0.8	0.9	1.0	0.8	1.0	1.0	0.9	1.0			11.4	1595
4 - 6		3.1	2.5	2.4	2.3	2.4	3.3	3.3	3.0	2.5	2.0	1.8	2.5			30.9	4331
7 - 10		4.1	2.9	1.7	2.4	2.7	4.8	7.0	4.5	2.3	1.5	1.3	2.2			37.5	5260
11 - 15		2.4	1.0	0.6	0.7	0.6	1.8	3.2	1.9	0.5	0.3	0.5	1.1			14.6	2047
16 - 20		1.0	0.3	0.2	0.1	0.1	0.3	0.6	0.3	0.1	0.1	0.1	0.3			3.6	503
21 - 24		0.3	*	*	*	*	*	*	*	*	*	*	*			0.5	76
25 - 33		*	-	*	-	*	-	*	-	*	-	-	*			0.1	14
34 - 47		-	-	-	-	-	-	-	-	-	-	-	-			0.0	0
> 48		-	-	-	-	-	*	-	-	-	-	-	-			0.0	2
TOTAL %	1.1	12.0	7.8	5.9	6.5	6.5	11.2	15.3	10.5	6.4	4.9	4.7	7.3			100.0	
TOTAL N	160	1682	1094	830	908	916	1573	2146	1475	897	681	655	1018				14035

(* < 0.05%)

STATION: 45007

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	1.6	*	*	*	*	0.1	*	*	*	*	*	*	*	*	*	2.0	289
1 - 3		0.8	0.9	0.8	0.9	1.0	1.1	1.2	1.0	1.0	0.9	0.7	0.8			11.2	1665
4 - 6		1.6	1.8	1.5	1.7	1.9	3.4	3.8	3.5	2.2	1.6	1.3	1.5			25.8	3826
7 - 10		3.5	2.3	1.6	1.7	2.2	4.4	6.4	5.0	2.5	1.5	1.5	2.1			34.7	5139
11 - 15		3.2	1.7	1.0	0.9	0.8	2.1	3.7	2.4	1.3	0.7	1.0	1.7			20.4	3013
16 - 20		1.2	0.7	0.4	0.4	0.2	0.3	0.8	0.3	0.1	0.2	0.2	0.4			5.2	763
21 - 24		0.3	0.1	0.1	*	*	*	*	*	*	*	*	*			0.6	95
25 - 33		*	*	*	*	-	-	-	*	-	*	-	*			0.1	13
34 - 47		-	-	-	-	-	-	-	-	-	-	-	-			0.0	0

> 48	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	1.6	10.8	7.5	5.4	5.6	6.1	11.4	16.0	12.3	7.2	4.9	4.8	6.5	100.0		
TOTAL N	230	1599	1108	793	836	910	1685	2362	1828	1063	721	709	959		14803	

(* < 0.05%)

STATION: 45007

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	0.9	*	*	-	*	*	*	*	0.1	*	0.1	*	0.1	1.4	208
1 - 3		0.7	0.7	0.9	0.8	0.9	0.8	0.9	0.7	0.7	0.6	0.6	0.6	8.8	1326
4 - 6		1.9	1.7	1.4	1.5	1.6	2.1	2.5	2.2	1.8	1.3	1.1	1.2	20.4	3084
7 - 10		3.1	2.8	1.8	1.7	2.4	3.9	5.8	4.9	2.8	1.9	1.5	1.7	34.3	5196
11 - 15		3.2	2.1	1.3	1.3	1.4	2.3	4.2	3.1	1.4	1.0	1.5	1.9	24.7	3745
16 - 20		1.9	0.9	0.4	0.5	0.4	0.8	0.9	0.8	0.3	0.3	0.5	1.1	8.9	1347
21 - 24		0.5	0.1	*	0.1	*	0.1	0.1	0.1	0.1	*	0.1	0.1	1.3	201
25 - 33		0.1	-	*	-	*	*	*	*	-	-	*	*	0.2	28
34 - 47		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.9	11.4	8.4	5.7	5.9	6.7	10.1	14.5	11.7	7.3	5.1	5.4	6.7	100.0	
TOTAL N	143	1726	1277	869	896	1020	1529	2201	1778	1100	777	811	1008		15135

(* < 0.05%)

STATION: 45007

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

Month: SEP

WIND SPEED	CALM	WIND DIRECTION												TOT %	TOT N
		35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
0	0.7	*	*	*	*	*	*	*	*	*	*	*	*	0.9	141
1 - 3		0.6	0.5	0.7	0.6	0.7	0.8	0.6	0.6	0.4	0.5	0.5	0.4	6.9	1028
4 - 6		0.9	1.1	1.1	1.3	1.5	2.1	2.0	1.3	0.8	0.8	0.9	0.8	14.7	2190
7 - 10		1.8	1.7	1.3	1.5	2.2	3.5	4.2	2.7	1.7	1.2	1.2	1.7	24.7	3685
11 - 15		2.7	2.3	1.4	1.1	1.4	3.6	5.3	3.9	2.0	1.6	1.8	2.3	29.4	4390
16 - 20		2.4	1.1	0.7	0.5	0.7	1.5	2.8	1.8	1.1	1.1	2.0	1.9	17.6	2635
21 - 24		0.7	0.2	0.1	0.1	0.2	0.2	0.6	0.2	0.4	0.5	0.6	0.6	4.4	664
25 - 33		0.4	*	-	*	0.1	*	0.1	0.1	0.1	0.1	0.2	0.2	1.3	193
34 - 47		*	-	-	-	-	-	-	-	-	-	*	-	0.0	4
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.7	9.6	7.0	5.3	5.3	6.8	11.7	15.7	10.4	6.5	5.9	7.2	8.0	100.0	
TOTAL N	98	1433	1051	787	785	1011	1744	2340	1551	971	884	1076	1199		14930

(* < 0.05%)

STATION: 45007

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

Month: OCT

WIND SPEED	CALM	WIND DIRECTION												TOT %	TOT N
		35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
0	0.5	*	*	*	*	*	*	*	*	*	*	*	*	0.6	98
1 - 3		0.3	0.3	0.3	0.4	0.2	0.3	0.3	0.3	0.3	0.3	0.2	0.3	3.5	538
4 - 6		0.7	0.8	0.8	0.8	0.9	1.2	1.1	1.0	0.9	0.9	0.7	0.8	10.5	1610
7 - 10		1.5	1.3	1.1	1.5	1.6	2.9	3.5	2.3	1.6	1.6	1.3	1.3	21.5	3276
11 - 15		1.9	1.4	1.3	1.4	1.8	3.4	5.1	3.5	2.1	2.1	2.3	2.0	28.3	4325
16 - 20		1.5	1.1	0.9	1.4	1.1	1.7	4.1	3.0	1.8	2.3	2.9	2.1	23.8	3640
21 - 24		0.7	0.5	0.2	0.2	0.3	0.2	1.2	0.9	0.8	1.1	1.3	0.9	8.2	1259
25 - 33		0.3	0.2	0.1	*	*	0.1	0.4	0.2	0.4	0.5	0.6	0.6	3.3	509
34 - 47		-	-	-	-	-	-	-	*	0.1	*	*	-	0.1	16
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.5	7.0	5.5	4.6	5.6	5.9	9.7	15.7	11.2	7.9	9.0	9.3	8.1	100.0	
TOTAL N	73	1069	842	706	856	906	1487	2391	1704	1202	1370	1427	1238		15271

(* < 0.05%)

STATION: 45007

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	0.2	*	*	-	-	-	-	*	*	*	*	*	*	0.3	28
1 - 3		0.2	0.2	0.2	0.1	0.2	0.2	0.2	0.2	0.4	0.4	0.4	0.2	2.8	286
4 - 6		0.6	0.4	0.5	0.3	0.6	0.8	0.7	0.8	0.7	0.8	0.8	0.8	7.8	782
7 - 10		1.2	1.0	0.8	0.7	0.9	2.2	2.6	2.4	1.5	1.9	1.8	1.5	18.7	1879
11 - 15		1.9	1.6	1.0	1.0	1.1	2.4	4.5	3.9	2.2	2.7	3.4	2.7	28.4	2862

16 - 20	1.3	1.1	1.3	1.2	1.1	2.4	4.0	2.8	2.1	3.5	3.3	2.5	26.6	2679
21 - 24	0.9	0.3	0.3	0.3	0.3	0.9	1.3	1.1	1.2	1.3	1.6	1.5	11.0	1105
25 - 33	0.5	0.1	*	0.2	0.2	0.3	0.3	0.3	0.9	0.4	0.5	0.3	4.2	425
34 - 47	*	-	-	*	-	-	-	0.1	*	-	-	*	0.1	15
> 48	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.2	6.7	4.8	4.1	3.9	4.4	9.3	13.6	11.5	9.0	11.0	11.7	9.7	100.0
TOTAL N	17	676	487	408	395	445	931	1371	1162	907	1108	1182	972	10061

(* < 0.05%)

STATION: 45007

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

Month: DEC

		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	3
1 - 3	0.1	-	0.1	-	*	0.1	0.1	0.1	0.1	0.1	0.3	0.1	0.1	1.4	28
4 - 6	0.4	0.4	0.4	0.2	0.5	0.8	1.1	0.6	1.1	1.3	1.1	0.4	0.4	8.4	170
7 - 10	0.9	1.4	0.9	0.6	1.0	1.9	3.0	2.5	1.4	1.6	1.3	1.1	1.1	17.7	359
11 - 15	1.7	1.3	1.3	0.7	0.2	1.5	4.0	3.0	3.3	4.1	4.2	3.0	3.0	28.5	579
16 - 20	1.1	0.2	0.9	0.3	0.2	0.9	4.1	3.8	3.4	4.2	4.1	3.3	3.3	26.8	544
21 - 24	0.8	0.1	0.6	0.3	0.4	0.2	1.6	1.9	2.7	1.0	2.1	0.9	0.9	12.7	258
25 - 33	0.5	-	*	-	0.1	-	0.7	0.5	0.5	0.2	1.3	0.4	0.4	4.3	88
34 - 47	-	-	-	-	-	-	-	0.1	*	-	*	-	-	0.2	4
> 48	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.1	5.7	3.4	4.4	2.2	2.4	5.4	14.8	12.6	12.6	12.8	14.3	9.2	100.0	
TOTAL N	3	115	70	90	44	49	110	301	256	256	261	291	187		2033

(* < 0.05%)

STATION: 45007

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	0.8	*	*	*	*	*	*	*	*	*	*	*	*	1.1	1298
1 - 3	0.7	0.6	0.6	0.6	0.6	0.6	0.7	0.7	0.6	0.6	0.6	0.6	0.6	7.6	8755
4 - 6	1.6	1.5	1.4	1.4	1.6	2.2	2.3	2.0	1.5	1.3	1.2	1.4	1.4	19.4	22338
7 - 10	2.8	2.3	1.7	1.9	2.2	3.7	4.8	3.5	2.0	1.5	1.4	1.9	1.9	29.7	34122
11 - 15	2.9	1.7	1.2	1.3	1.2	2.6	4.1	2.8	1.5	1.3	1.5	2.0	2.0	24.1	27666
16 - 20	1.8	0.8	0.6	0.6	0.5	1.0	1.9	1.2	0.8	1.0	1.3	1.4	1.4	12.9	14852
21 - 24	0.6	0.2	0.1	0.1	0.1	0.2	0.4	0.3	0.3	0.4	0.5	0.5	0.5	3.8	4329
25 - 33	0.3	0.1	*	*	*	*	0.1	0.1	0.2	0.2	0.2	0.2	0.2	1.3	1549
34 - 47	*	-	-	*	-	-	-	-	*	*	*	*	*	0.0	55
> 48	-	-	-	-	-	-	*	-	-	-	-	-	-	0.0	2
TOTAL %	0.8	10.7	7.2	5.7	6.1	6.3	10.4	14.4	10.5	6.9	6.2	6.7	7.9	100.0	
TOTAL N	967	12317	8296	6538	7010	7256	11983	16587	12108	7895	7166	7710	9133		114966

(* < 0.05%)

STATION: 45007

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

Months: DEC, JAN, FEB (Winter)

		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	3
1 - 3	0.1	-	0.1	-	*	0.1	0.1	0.1	0.1	0.1	0.3	0.1	0.1	1.4	28
4 - 6	0.4	0.4	0.4	0.2	0.5	0.8	1.1	0.6	1.1	1.3	1.1	0.4	0.4	8.4	170
7 - 10	0.9	1.4	0.9	0.6	1.0	1.9	3.0	2.5	1.4	1.6	1.3	1.1	1.1	17.7	359
11 - 15	1.7	1.3	1.3	0.7	0.2	1.5	4.0	3.0	3.3	4.1	4.2	3.0	3.0	28.5	579
16 - 20	1.1	0.2	0.9	0.3	0.2	0.9	4.1	3.8	3.4	4.2	4.1	3.3	3.3	26.8	544
21 - 24	0.8	0.1	0.6	0.3	0.4	0.2	1.6	1.9	2.7	1.0	2.1	0.9	0.9	12.7	258
25 - 33	0.5	-	*	-	0.1	-	0.7	0.5	0.5	0.2	1.3	0.4	0.4	4.3	88
34 - 47	-	-	-	-	-	-	-	0.1	*	-	*	-	-	0.2	4
> 48	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.1	5.7	3.4	4.4	2.2	2.4	5.4	14.8	12.6	12.6	12.8	14.3	9.2	100.0	
TOTAL N	3	115	70	90	44	49	110	301	256	256	261	291	187		2033

(* < 0.05%)

STATION: 45007

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	0.8	*	*	*	*	*	*	*	*	*	*	*	*	1.1	324
1 - 3	0.8	0.7	0.6	0.6	0.6	0.6	0.7	0.7	0.7	0.6	0.6	0.6	0.7	8.0	2289

4 - 6	2.1	2.0	1.8	1.8	2.0	2.2	2.5	1.9	1.5	1.3	1.4	1.7	22.1	6345
7 - 10	3.5	2.9	2.6	2.9	2.7	4.0	4.4	2.9	1.6	1.3	1.4	2.4	32.5	9328
11 - 15	4.0	1.7	1.4	1.9	1.3	2.5	3.5	2.1	1.0	0.9	0.9	2.0	23.4	6705
16 - 20	2.5	0.7	0.6	0.6	0.3	0.7	0.9	0.5	0.4	0.4	0.7	1.4	9.6	2741
21 - 24	0.7	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.4	2.3	671
25 - 33	0.4	0.1	0.1	*	*	*	*	*	0.1	0.1	0.2	0.1	1.0	279
34 - 47	*	-	-	-	-	-	-	*	*	*	-	*	0.1	16
> 48	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.8	14.0	8.2	7.2	8.0	7.0	10.2	12.1	8.2	5.2	4.8	5.4	8.9	100.0
TOTAL N	243	4017	2367	2055	2290	1999	2924	3475	2354	1499	1364	1559	2552	28698

(* < 0.05%)

STATION: 45007

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	1.2	*	*	*	*	*	*	*	*	*	*	*	*	1.6	704
1 - 3		0.9	0.9	0.9	0.8	0.9	0.9	1.0	0.8	0.9	0.8	0.7	0.8	10.4	4586
4 - 6		2.2	2.0	1.7	1.8	2.0	2.9	3.2	2.9	2.2	1.6	1.4	1.7	25.6	11241
7 - 10		3.6	2.7	1.7	1.9	2.4	4.4	6.4	4.8	2.6	1.6	1.4	2.0	35.5	15595
11 - 15		2.9	1.6	1.0	1.0	0.9	2.1	3.7	2.5	1.1	0.7	1.0	1.6	20.0	8805
16 - 20		1.4	0.6	0.3	0.4	0.2	0.5	0.8	0.5	0.2	0.2	0.3	0.6	5.9	2613
21 - 24		0.4	0.1	0.1	*	*	*	0.1	*	*	*	*	0.1	0.8	372
25 - 33		0.1	*	*	*	*	*	*	*	*	*	*	*	0.1	55
34 - 47		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48		-	-	-	-	-	*	-	-	-	-	-	-	0.0	2
TOTAL %	1.2	11.4	7.9	5.7	6.0	6.5	10.9	15.3	11.6	7.0	5.0	4.9	6.8	100.0	
TOTAL N	533	5007	3479	2492	2640	2846	4787	6709	5081	3060	2179	2175	2985	43973	

(* < 0.05%)

STATION: 45007

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	0.5	*	*	*	*	*	*	*	*	*	*	*	*	0.7	267
1 - 3		0.4	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.4	0.3	0.3	4.6	1852
4 - 6		0.8	0.8	0.8	0.9	1.1	1.4	1.3	1.0	0.8	0.8	0.8	0.8	11.4	4582
7 - 10		1.5	1.4	1.1	1.3	1.7	2.9	3.5	2.5	1.6	1.5	1.4	1.5	22.0	8840
11 - 15		2.2	1.8	1.2	1.2	1.5	3.2	5.0	3.7	2.1	2.1	2.4	2.3	28.8	11577
16 - 20		1.8	1.1	0.9	1.0	0.9	1.8	3.6	2.5	1.6	2.2	2.7	2.2	22.2	8954
21 - 24		0.7	0.4	0.2	0.2	0.2	0.4	1.0	0.7	0.7	0.9	1.1	1.0	7.5	3028
25 - 33		0.4	0.1	*	0.1	0.1	0.1	0.3	0.2	0.4	0.4	0.4	0.4	2.8	1127
34 - 47		*	-	-	*	-	-	-	*	*	*	*	*	0.1	35
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.5	7.9	5.9	4.7	5.1	5.9	10.3	15.2	11.0	7.6	8.4	9.2	8.5	100.0	
TOTAL N	188	3178	2380	1901	2036	2362	4162	6102	4417	3080	3362	3685	3409	40262	

(* < 0.05%)

STATION: 45007

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	-	0.7	20
1 - 3	0.5	0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	4.8	147
4 - 6	3.6	1.2	-	-	-	-	-	-	-	-	-	-	-	-	-	13.9	425
7 - 10	10.2	3.7	*	-	-	-	-	-	-	-	-	-	-	-	-	24.5	746
11 - 15	13.5	10.6	0.3	-	-	-	-	-	-	-	-	-	-	-	-	30.8	938
16 - 20	5.5	22.9	2.3	*	-	-	-	-	-	-	-	-	-	-	-	20.0	609
21 - 24	0.2	9.9	8.0	1.9	-	-	-	-	-	-	-	-	-	-	-	4.4	135
25 - 33	0.1	0.8	2.2	1.3	0.1	-	-	-	-	-	-	-	-	-	-	0.9	26
34 - 47	-	0.1	0.4	0.1	*	0.2	-	-	-	-	-	-	-	-	-	0.1	2
> 48	-	-	-	-	0.1	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	33.6	49.4	13.3	3.4	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	1023	1506	405	103	5	6	0	0	0	0	0	0	0	0	0	3048	

(* < 0.05%)

STATION: 45007

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-	>13.4	TOT %	TOT N
WIND SPEED	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4			
0	0.7	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	0.8	93
1 - 3	6.4	1.2	0.1	-	-	-	-	-	-	-	-	-	-	-	-	7.6	835
4 - 6	14.3	3.9	0.1	-	-	-	-	-	-	-	-	-	-	-	-	18.4	2015
7 - 10	18.3	11.0	0.4	-	-	-	-	-	-	-	-	-	-	-	-	29.8	3266
11 - 15	5.3	18.3	1.6	*	-	-	-	-	-	-	-	-	-	-	-	25.2	2760
16 - 20	0.4	6.7	4.1	0.6	-	-	-	-	-	-	-	-	-	-	-	11.8	1295
21 - 24	*	0.7	1.9	0.6	0.1	-	-	-	-	-	-	-	-	-	-	3.2	356
25 - 33	*	0.1	0.3	0.5	0.6	0.1	-	-	-	-	-	-	-	-	-	1.6	177
34 - 47	-	-	-	*	0.1	*	-	-	-	-	-	-	-	-	-	0.1	13
> 48	0.5	0.8	0.2	-	-	-	-	-	-	-	-	-	-	-	-	1.4	158
TOTAL %	45.9	42.8	8.6	1.8	0.7	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	5038	4691	948	194	78	19	0	0	0	0	0	0	0	0	0		10968

(* < 0.05%)

STATION: 45007

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

Month: MAY

	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		
WIND SPEED	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4			
0	1.4	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	1.5	182
1 - 3	8.3	0.8	*	-	-	-	-	-	-	-	-	-	-	-	-	9.0	1085
4 - 6	23.5	2.9	*	-	-	-	-	-	-	-	-	-	-	-	-	26.4	3170
7 - 10	26.8	9.2	0.1	-	-	-	-	-	-	-	-	-	-	-	-	36.1	4323
11 - 15	5.6	12.3	0.6	*	-	-	-	-	-	-	-	-	-	-	-	18.5	2219
16 - 20	0.3	2.6	1.2	0.1	-	-	-	-	-	-	-	-	-	-	-	4.2	502
21 - 24	*	0.2	0.3	0.2	*	-	-	-	-	-	-	-	-	-	-	0.8	91
25 - 33	-	*	0.1	0.2	0.1	-	-	-	-	-	-	-	-	-	-	0.4	44
34 - 47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48	2.4	0.7	-	*	-	-	-	-	-	-	-	-	-	-	-	3.1	373
TOTAL %	68.3	28.9	2.2	0.6	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	8184	3459	267	67	12	0	0	0	0	0	0	0	0	0	0		11989

(* < 0.05%)

STATION: 45007

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

Month: JUN

	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		
WIND SPEED	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4			
0	1.6	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	1.7	231
1 - 3	10.7	0.7	-	-	-	-	-	-	-	-	-	-	-	-	-	11.4	1577
4 - 6	27.7	3.0	-	-	-	-	-	-	-	-	-	-	-	-	-	30.7	4265
7 - 10	29.5	7.8	0.1	-	-	-	-	-	-	-	-	-	-	-	-	37.3	5185
11 - 15	4.9	9.4	0.3	-	-	-	-	-	-	-	-	-	-	-	-	14.6	2027
16 - 20	0.2	2.5	0.9	*	-	-	-	-	-	-	-	-	-	-	-	3.6	494
21 - 24	*	0.1	0.3	0.1	-	-	-	-	-	-	-	-	-	-	-	0.5	76
25 - 33	*	*	*	-	-	-	-	-	-	-	-	-	-	-	-	0.1	13
34 - 47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48	0.1	*	-	-	-	-	-	-	-	-	-	-	-	-	-	0.2	22
TOTAL %	74.7	23.6	1.6	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	10370	3283	228	9	0	0	0	0	0	0	0	0	0	0	0		13890

(* < 0.05%)

STATION: 45007

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

Month: JUL

	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		
WIND SPEED	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4			
0	1.8	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	1.9	271
1 - 3	10.3	0.8	-	-	-	-	-	-	-	-	-	-	-	-	-	11.1	1582
4 - 6	22.5	3.3	*	-	-	-	-	-	-	-	-	-	-	-	-	25.8	3693
7 - 10	23.6	10.8	*	-	-	-	-	-	-	-	-	-	-	-	-	34.5	4938
11 - 15	4.7	15.0	0.4	-	-	-	-	-	-	-	-	-	-	-	-	20.1	2882
16 - 20	0.3	3.5	1.0	*	-	-	-	-	-	-	-	-	-	-	-	4.7	679
21 - 24	*	0.2	0.4	*	-	-	-	-	-	-	-	-	-	-	-	0.6	91
25 - 33	*	*	*	*	-	-	-	-	-	-	-	-	-	-	-	0.1	13
34 - 47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48	0.7	0.4	-	-	-	-	-	-	-	-	-	-	-	-	-	1.1	158
TOTAL %	64.0	34.2	1.8	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	9156	4889	254	8	0	0	0	0	0	0	0	0	0	0	0		14307

(* < 0.05%)

STATION: 45007

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	-	1.3	200	
1 - 3	1.2	0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8.6	1291
4 - 6	7.5	1.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	19.8	2952
7 - 10	15.9	3.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	33.7	5033
11 - 15	20.2	13.3	0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	24.6	3666
16 - 20	4.4	19.3	0.8	*	-	-	-	-	-	-	-	-	-	-	-	-	8.8	1317
21 - 24	0.2	6.0	2.5	0.1	-	-	-	-	-	-	-	-	-	-	-	-	1.3	194
25 - 33	*	0.4	0.8	0.1	-	-	-	-	-	-	-	-	-	-	-	-	0.2	27
34 - 47	*	*	0.1	*	*	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.7	251
TOTAL %	0.6	0.9	0.2	*	*	-	-	-	-	-	-	-	-	-	-	-	100.0	
TOTAL N	50.0	45.2	4.5	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7468	6742

(* < 0.05%)

STATION: 45007

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	-	1.0	140	
1 - 3	0.8	0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7.0	1015
4 - 6	5.4	1.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14.7	2152
7 - 10	10.6	4.1	*	-	-	-	-	-	-	-	-	-	-	-	-	-	24.8	3624
11 - 15	11.6	13.1	0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	29.4	4293
16 - 20	3.6	23.1	2.7	*	-	-	-	-	-	-	-	-	-	-	-	-	17.5	2559
21 - 24	0.1	10.1	6.9	0.4	-	-	-	-	-	-	-	-	-	-	-	-	4.2	619
25 - 33	*	0.9	2.6	0.7	*	-	-	-	-	-	-	-	-	-	-	-	1.2	179
34 - 47	*	0.1	0.5	0.3	0.3	*	*	-	-	-	-	-	-	-	-	-	0.0	3
> 48	-	-	-	*	-	*	-	-	-	-	-	-	-	-	-	-	0.0	6
TOTAL %	*	*	*	-	-	-	-	-	-	-	-	-	-	-	-	-	100.0	
TOTAL N	32.1	53.1	12.9	1.5	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4685	7744

(* < 0.05%)

STATION: 45007

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	-	0.6	92	
1 - 3	0.5	0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.6	524
4 - 6	2.1	1.4	*	-	-	-	-	-	-	-	-	-	-	-	-	-	10.5	1518
7 - 10	6.5	3.9	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	21.6	3142
11 - 15	9.6	11.6	0.4	-	-	-	-	-	-	-	-	-	-	-	-	-	28.3	4103
16 - 20	2.9	22.6	2.7	0.1	-	-	-	-	-	-	-	-	-	-	-	-	23.9	3467
21 - 24	0.1	14.1	9.0	0.7	*	-	-	-	-	-	-	-	-	-	-	-	8.1	1175
25 - 33	*	0.9	5.6	1.4	0.1	*	-	-	-	-	-	-	-	-	-	-	3.3	480
34 - 47	-	0.1	1.1	1.6	0.5	0.1	-	-	-	-	-	-	-	-	-	-	0.1	15
> 48	-	-	-	*	0.1	*	-	-	-	-	-	-	-	-	-	-	0.0	3
TOTAL %	-	*	*	-	-	-	-	-	-	-	-	-	-	-	-	-	100.0	
TOTAL N	21.7	54.8	18.9	3.8	0.8	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3145	7952

(* < 0.05%)

STATION: 45007

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	-	0.3	25	
1 - 3	0.1	0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.0	276
4 - 6	1.5	1.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7.7	708
7 - 10	3.2	4.4	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	18.6	1717
11 - 15	5.7	12.5	0.4	-	-	-	-	-	-	-	-	-	-	-	-	-	28.9	2674

16 - 20	*	12.3	12.4	1.3	0.1	-	-	-	-	-	-	-	-	-	-	26.1	2414
21 - 24	-	1.0	7.4	2.1	0.5	0.1	-	-	-	-	-	-	-	-	-	11.1	1023
25 - 33	-	*	1.6	2.0	0.4	0.3	-	-	-	-	-	-	-	-	-	4.3	399
34 - 47	-	-	-	*	0.1	-	0.1	-	-	-	-	-	-	-	-	0.2	14
> 48	-	*	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	1
TOTAL %		12.4	55.0	25.6	5.5	1.0	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N		1150	5092	2366	506	91	39	7	0	0	0	0	0	0	0		9251

(* < 0.05%)

STATION: 45007

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

Month: DEC

		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		0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.1	1
1 - 3		0.8	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	1.3	20
4 - 6		2.8	3.8	-	-	-	-	-	-	-	-	-	-	-	-	-	6.6	102
7 - 10		6.0	11.0	0.5	-	-	-	-	-	-	-	-	-	-	-	-	17.5	270
11 - 15		2.5	22.1	4.9	0.3	-	-	-	-	-	-	-	-	-	-	-	29.7	459
16 - 20		0.2	12.7	11.4	2.1	0.1	-	-	-	-	-	-	-	-	-	-	26.5	410
21 - 24		-	1.1	10.9	2.4	0.1	-	-	-	-	-	-	-	-	-	-	14.5	224
25 - 33		-	0.1	1.7	1.7	0.3	-	-	-	-	-	-	-	-	-	-	3.8	58
34 - 47		-	-	-	0.1	-	-	-	-	-	-	-	-	-	-	-	0.1	1
> 48		-	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	0.1	1
TOTAL %		12.4	51.3	29.3	6.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N		191	793	453	101	8	0	0	0	0	0	0	0	0	0	0		1546

(* < 0.05%)

STATION: 45007

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		1.0	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	1.2	1255
1 - 3		6.5	1.1	*	-	-	-	-	-	-	-	-	-	-	-	-	7.7	8352
4 - 6		15.6	3.7	*	-	-	-	-	-	-	-	-	-	-	-	-	19.3	21000
7 - 10		18.2	11.2	0.2	-	-	-	-	-	-	-	-	-	-	-	-	29.6	32244
11 - 15		4.2	18.0	1.6	*	-	-	-	-	-	-	-	-	-	-	-	23.9	26021
16 - 20		0.2	7.3	4.7	0.4	*	-	-	-	-	-	-	-	-	-	-	12.6	13746
21 - 24		*	0.6	2.4	0.6	0.1	*	-	-	-	-	-	-	-	-	-	3.7	3984
25 - 33		*	0.1	0.4	0.5	0.2	0.1	*	-	-	-	-	-	-	-	-	1.3	1416
34 - 47		-	-	-	*	*	*	*	-	-	-	-	-	-	-	-	0.0	48
> 48		0.5	0.3	*	*	*	-	-	-	-	-	-	-	-	-	-	0.9	973
TOTAL %		46.2	42.3	9.4	1.6	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N		50410	46151	10233	1794	358	84	9	0	0	0	0	0	0	0	0		109039

(* < 0.05%)

STATION: 45007

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

Months: DEC, JAN, FEB (Winter)

		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		0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.1	1
1 - 3		0.8	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	1.3	20
4 - 6		2.8	3.8	-	-	-	-	-	-	-	-	-	-	-	-	-	6.6	102
7 - 10		6.0	11.0	0.5	-	-	-	-	-	-	-	-	-	-	-	-	17.5	270
11 - 15		2.5	22.1	4.9	0.3	-	-	-	-	-	-	-	-	-	-	-	29.7	459
16 - 20		0.2	12.7	11.4	2.1	0.1	-	-	-	-	-	-	-	-	-	-	26.5	410
21 - 24		-	1.1	10.9	2.4	0.1	-	-	-	-	-	-	-	-	-	-	14.5	224
25 - 33		-	0.1	1.7	1.7	0.3	-	-	-	-	-	-	-	-	-	-	3.8	58
34 - 47		-	-	-	0.1	-	-	-	-	-	-	-	-	-	-	-	0.1	1
> 48		-	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	0.1	1
TOTAL %		12.4	51.3	29.3	6.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N		191	793	453	101	8	0	0	0	0	0	0	0	0	0	0		1546

(* < 0.05%)

STATION: 45007

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

Months: MAR, APR, MAY (Spring)

WAVE HEIGHT

	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4	TOT %	TOT N
WIND SPEED	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	-	-	-
0	1.0	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	1.1	295
1 - 3	6.9	1.0	*	-	-	-	-	-	-	-	-	-	-	-	-	7.9	2067
4 - 6	18.1	3.4	0.1	-	-	-	-	-	-	-	-	-	-	-	-	21.6	5610
7 - 10	21.7	10.1	0.3	-	-	-	-	-	-	-	-	-	-	-	-	32.1	8335
11 - 15	5.4	16.1	1.2	*	-	-	-	-	-	-	-	-	-	-	-	22.8	5917
16 - 20	0.3	5.2	3.2	0.5	-	-	-	-	-	-	-	-	-	-	-	9.3	2406
21 - 24	*	0.5	1.2	0.5	0.1	-	-	-	-	-	-	-	-	-	-	2.2	582
25 - 33	*	0.1	0.2	0.3	0.3	0.1	-	-	-	-	-	-	-	-	-	0.9	247
34 - 47	-	-	-	*	*	*	-	-	-	-	-	-	-	-	-	0.1	15
> 48	1.3	0.7	0.1	*	-	-	-	-	-	-	-	-	-	-	-	2.0	531
TOTAL %	54.8	37.1	6.2	1.4	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	-
TOTAL N	14245	9656	1620	364	95	25	0	0	0	0	0	0	0	0	0	-	26005

STATION: 45007

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

Months: JUN, JUL, AUG (Summer)

	WAVE HEIGHT																
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4	TOT %	TOT N
WIND SPEED	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	-	-	-
0	1.5	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	1.6	702
1 - 3	9.4	0.9	-	-	-	-	-	-	-	-	-	-	-	-	-	10.3	4450
4 - 6	21.9	3.4	*	-	-	-	-	-	-	-	-	-	-	-	-	25.3	10910
7 - 10	24.3	10.7	0.1	-	-	-	-	-	-	-	-	-	-	-	-	35.1	15156
11 - 15	4.7	14.7	0.5	*	-	-	-	-	-	-	-	-	-	-	-	19.9	8575
16 - 20	0.2	4.0	1.5	*	-	-	-	-	-	-	-	-	-	-	-	5.8	2490
21 - 24	*	0.3	0.5	0.1	-	-	-	-	-	-	-	-	-	-	-	0.8	361
25 - 33	*	*	0.1	*	*	-	-	-	-	-	-	-	-	-	-	0.1	53
34 - 47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48	0.5	0.4	0.1	*	*	-	-	-	-	-	-	-	-	-	-	1.0	431
TOTAL %	62.6	34.6	2.7	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	26994	14914	1157	58	5	0	0	0	0	0	0	0	0	0	0	-	43128

STATION: 45007

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

Months: SEP, OCT, NOV (Autumn)

	WAVE HEIGHT																
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4	TOT %	TOT N
WIND SPEED	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	-	-	-
0	0.5	0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	0.7	257
1 - 3	3.2	1.5	*	-	-	-	-	-	-	-	-	-	-	-	-	4.7	1815
4 - 6	7.2	4.1	0.1	-	-	-	-	-	-	-	-	-	-	-	-	11.4	4378
7 - 10	9.4	12.4	0.4	-	-	-	-	-	-	-	-	-	-	-	-	22.1	8483
11 - 15	2.9	22.9	2.9	0.1	-	-	-	-	-	-	-	-	-	-	-	28.9	11070
16 - 20	0.1	12.1	9.0	0.7	*	-	-	-	-	-	-	-	-	-	-	22.0	8440
21 - 24	*	0.9	4.9	1.3	0.2	*	-	-	-	-	-	-	-	-	-	7.3	2817
25 - 33	*	0.1	1.0	1.2	0.4	0.1	*	-	-	-	-	-	-	-	-	2.8	1058
34 - 47	-	-	-	*	*	*	*	-	-	-	-	-	-	-	-	0.1	32
> 48	*	*	*	-	-	-	-	-	-	-	-	-	-	-	-	0.0	10
TOTAL %	23.4	54.2	18.3	3.3	0.7	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	-
TOTAL N	8980	20788	7003	1271	250	59	9	0	0	0	0	0	0	0	0	-	38360

STATION: 45007

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

Month: MAR

	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	7.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7.3	224
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.2	5
2.5 - 3.4	16.8	5.5	-	-	-	-	-	-	-	-	-	-	-	-	-	22.3	679
3.5 - 4.4	6.0	19.4	0.1	-	-	-	-	-	-	-	-	-	-	-	-	25.5	776
4.5 - 5.4	2.6	14.0	2.2	-	-	-	-	-	-	-	-	-	-	-	-	18.8	574
5.5 - 6.4	0.6	8.4	5.2	0.2	-	-	-	-	-	-	-	-	-	-	-	14.4	438
6.5 - 7.4	*	2.0	4.1	0.9	-	-	-	-	-	-	-	-	-	-	-	7.1	215
7.5 - 8.4	-	0.1	1.7	2.1	*	-	-	-	-	-	-	-	-	-	-	4.0	122
8.5 - 9.4	-	-	-	0.2	0.1	0.1	-	-	-	-	-	-	-	-	-	0.3	10
9.5 - 10.4	-	-	-	-	*	0.1	-	-	-	-	-	-	-	-	-	0.2	5
TOTAL %	33.6	49.4	13.3	3.4	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	-
TOTAL N	1023	1506	405	103	5	6	0	0	0	0	0	0	0	0	0	-	3048

STATION: 45007

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

Month: APR

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-5.4	5.5-6.4	6.5-7.4	7.5-8.4	8.5-9.4	9.5-10.4	10.5-11.4	11.5-12.4	12.5-13.4	>13.4		
< 0.5	15.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15.3	1678
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	0.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.4	49
2.5 - 3.4	17.5	5.7	-	-	-	-	-	-	-	-	-	-	-	-	-	23.2	2546
3.5 - 4.4	7.9	15.9	*	-	-	-	-	-	-	-	-	-	-	-	-	23.9	2616
4.5 - 5.4	4.0	12.6	1.3	*	-	-	-	-	-	-	-	-	-	-	-	17.9	1960
5.5 - 6.4	0.8	6.4	3.9	0.2	-	-	-	-	-	-	-	-	-	-	-	11.3	1240
6.5 - 7.4	-	1.8	2.3	0.5	0.1	-	-	-	-	-	-	-	-	-	-	4.8	523
7.5 - 8.4	*	0.2	1.1	0.8	0.5	0.1	-	-	-	-	-	-	-	-	-	2.7	301
8.5 - 9.4	-	-	*	0.2	0.2	*	-	-	-	-	-	-	-	-	-	0.4	46
9.5 - 10.4	-	-	*	*	-	*	-	-	-	-	-	-	-	-	-	0.1	9
TOTAL %	45.9	42.8	8.6	1.8	0.7	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0		
TOTAL N	5038	4691	948	194	78	19	0	0	0	0	0	0	0	0		10968	

(* < 0.05%)

STATION: 45007

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

Month: MAY

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	19.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	19.2	2304
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	1.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.7	207
2.5 - 3.4	30.9	4.3	-	-	-	-	-	-	-	-	-	-	-	-	-	35.2	4225
3.5 - 4.4	12.8	11.4	-	-	-	-	-	-	-	-	-	-	-	-	-	24.3	2912
4.5 - 5.4	3.3	9.3	0.3	-	-	-	-	-	-	-	-	-	-	-	-	12.9	1547
5.5 - 6.4	0.2	3.3	1.1	-	-	-	-	-	-	-	-	-	-	-	-	4.6	553
6.5 - 7.4	-	0.4	0.6	0.2	-	-	-	-	-	-	-	-	-	-	-	1.2	142
7.5 - 8.4	-	0.1	0.2	0.3	0.1	-	-	-	-	-	-	-	-	-	-	0.7	87
8.5 - 9.4	-	-	-	0.1	*	-	-	-	-	-	-	-	-	-	-	0.1	11
9.5 - 10.4	-	-	-	*	-	-	-	-	-	-	-	-	-	-	-	0.0	1
TOTAL %	68.3	28.9	2.2	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0		
TOTAL N	8184	3459	267	67	12	0	0	0	0	0	0	0	0	0		11989	

(* < 0.05%)

STATION: 45007

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

Month: JUN

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	28.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	28.4	3939
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	1.9	*	-	-	-	-	-	-	-	-	-	-	-	-	-	1.9	268
2.5 - 3.4	30.5	4.2	-	-	-	-	-	-	-	-	-	-	-	-	-	34.6	4807
3.5 - 4.4	11.1	10.2	*	-	-	-	-	-	-	-	-	-	-	-	-	21.3	2964
4.5 - 5.4	2.7	6.5	0.3	-	-	-	-	-	-	-	-	-	-	-	-	9.5	1319
5.5 - 6.4	0.1	2.4	0.7	-	-	-	-	-	-	-	-	-	-	-	-	3.3	454
6.5 - 7.4	-	0.3	0.6	0.1	-	-	-	-	-	-	-	-	-	-	-	0.9	127
7.5 - 8.4	-	*	0.1	*	-	-	-	-	-	-	-	-	-	-	-	0.1	11
TOTAL %	74.7	23.6	1.6	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	10369	3283	228	9	0	0	0	0	0	0	0	0	0	0		13889	

(* < 0.05%)

STATION: 45007

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

Month: JUL

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0-0.4	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	15.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15.8	2260
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	1.5	*	-	-	-	-	-	-	-	-	-	-	-	-	-	1.5	219
2.5 - 3.4	31.9	5.3	-	-	-	-	-	-	-	-	-	-	-	-	-	37.2	5325
3.5 - 4.4	12.4	16.6	-	-	-	-	-	-	-	-	-	-	-	-	-	28.9	4138

4.5 - 5.4	2.2	9.5	0.3	-	-	-	-	-	-	-	-	-	-	-	-	12.0	1713
5.5 - 6.4	0.2	2.5	0.8	*	-	-	-	-	-	-	-	-	-	-	-	3.5	502
6.5 - 7.4	*	0.3	0.6	*	-	-	-	-	-	-	-	-	-	-	-	1.0	144
7.5 - 8.4	-	-	*	*	-	-	-	-	-	-	-	-	-	-	-	0.0	5
TOTAL %	64.0	34.2	1.8	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	9155	4889	254	8	0	0	0	0	0	0	0	0	0	0	0		14306

STATION: 45007

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

Month: AUG

		WAVE HEIGHT																
		0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>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	1638
0.5 - 1.4		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4		1.1	*	-	-	-	-	-	-	-	-	-	-	-	-	-	1.1	165
2.5 - 3.4		25.9	6.8	-	-	-	-	-	-	-	-	-	-	-	-	-	32.7	4881
3.5 - 4.4		9.7	20.1	*	-	-	-	-	-	-	-	-	-	-	-	-	29.8	4449
4.5 - 5.4		2.1	13.4	0.8	-	-	-	-	-	-	-	-	-	-	-	-	16.3	2441
5.5 - 6.4		0.3	3.9	2.1	*	-	-	-	-	-	-	-	-	-	-	-	6.2	932
6.5 - 7.4		-	0.8	1.5	0.1	-	-	-	-	-	-	-	-	-	-	-	2.4	357
7.5 - 8.4		*	*	0.2	0.1	*	-	-	-	-	-	-	-	-	-	-	0.4	63
8.5 - 9.4		-	-	-	*	*	-	-	-	-	-	-	-	-	-	-	0.0	4
9.5 - 10.4		*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	1
TOTAL %		50.0	45.2	4.5	0.3	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		7468	6742	675	41	5	0	0	0	0	0	0	0	0	0	0		14931

STATION: 45007

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

Month: SEP

		WAVE HEIGHT																
		0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>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		6.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6.6	956
0.5 - 1.4		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4		0.3	*	-	-	-	-	-	-	-	-	-	-	-	-	-	0.4	54
2.5 - 3.4		15.7	6.3	-	-	-	-	-	-	-	-	-	-	-	-	-	22.1	3217
3.5 - 4.4		6.8	21.3	0.1	-	-	-	-	-	-	-	-	-	-	-	-	28.1	4102
4.5 - 5.4		2.3	18.0	2.8	-	-	-	-	-	-	-	-	-	-	-	-	23.1	3371
5.5 - 6.4		0.4	6.1	6.4	0.2	-	-	-	-	-	-	-	-	-	-	-	13.1	1905
6.5 - 7.4		-	1.2	3.1	0.5	-	-	-	-	-	-	-	-	-	-	-	4.8	699
7.5 - 8.4		-	0.1	0.7	0.6	0.1	*	-	-	-	-	-	-	-	-	-	1.5	218
8.5 - 9.4		*	-	*	0.1	0.1	*	-	-	-	-	-	-	-	-	-	0.3	44
9.5 - 10.4		-	-	-	*	0.1	*	*	-	-	-	-	-	-	-	-	0.2	22
TOTAL %		32.1	53.1	12.9	1.5	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N		4684	7743	1888	214	48	9	2	0	0	0	0	0	0	0	0		14588

STATION: 45007

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

Month: OCT

		WAVE HEIGHT																
		0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>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		2.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.8	411
0.5 - 1.4		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4		0.5	*	-	-	-	-	-	-	-	-	-	-	-	-	-	0.5	73
2.5 - 3.4		12.1	5.2	-	-	-	-	-	-	-	-	-	-	-	-	-	17.4	2519
3.5 - 4.4		4.4	19.3	0.1	-	-	-	-	-	-	-	-	-	-	-	-	23.8	3457
4.5 - 5.4		1.6	21.0	4.0	-	-	-	-	-	-	-	-	-	-	-	-	26.7	3870
5.5 - 6.4		0.2	7.2	10.5	0.5	*	-	-	-	-	-	-	-	-	-	-	18.4	2669
6.5 - 7.4		-	1.8	3.2	1.7	0.1	-	-	-	-	-	-	-	-	-	-	6.8	986
7.5 - 8.4		-	0.1	1.2	1.4	0.4	*	-	-	-	-	-	-	-	-	-	3.1	451
8.5 - 9.4		-	-	*	0.2	0.2	*	-	-	-	-	-	-	-	-	-	0.5	69
9.5 - 10.4		-	-	-	-	*	*	-	-	-	-	-	-	-	-	-	0.1	12
TOTAL %		21.7	54.8	18.9	3.8	0.8	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N		3144	7951	2749	551	111	11	0	0	0	0	0	0	0	0	0		14517

STATION: 45007

1.5 - 2.4	0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.2	5
2.5 - 3.4	20.9	13.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	34.6	1054
3.5 - 4.4	5.1	29.9	3.4	-	-	-	-	-	-	-	-	-	-	-	-	-	38.5	1172
4.5 - 5.4	*	5.8	9.3	2.2	-	-	-	-	-	-	-	-	-	-	-	-	17.3	528
5.5 - 6.4	-	*	0.5	1.2	*	-	-	-	-	-	-	-	-	-	-	-	1.8	55
6.5 - 7.4	-	-	-	-	0.1	0.2	-	-	-	-	-	-	-	-	-	-	0.3	9
7.5 - 8.4	-	-	-	-	-	*	-	-	-	-	-	-	-	-	-	-	0.0	1
TOTAL %	33.6	49.4	13.3	3.4	0.2	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	1023	1506	405	103	5	6	0	0	0	0	0	0	0	0	0	0		3048

(* < 0.05%)

STATION: 45007

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

Month: APR

		WAVE HEIGHT																
WAVE PERIOD		0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4	TOT %	TOT N
< 0.5		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	-	15.3	1678
0.5 - 1.4		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4		0.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.3	36
2.5 - 3.4		22.6	11.1	-	-	-	-	-	-	-	-	-	-	-	-	-	33.7	3699
3.5 - 4.4		7.3	27.2	1.6	-	-	-	-	-	-	-	-	-	-	-	-	36.2	3965
4.5 - 5.4		0.3	4.3	6.1	0.7	-	-	-	-	-	-	-	-	-	-	-	11.5	1261
5.5 - 6.4		*	0.2	0.8	1.0	0.5	0.1	-	-	-	-	-	-	-	-	-	2.6	282
6.5 - 7.4		-	-	*	0.1	0.3	0.1	-	-	-	-	-	-	-	-	-	0.4	46
7.5 - 8.4		-	-	-	-	-	*	-	-	-	-	-	-	-	-	-	0.0	1
TOTAL %		45.9	42.8	8.6	1.8	0.7	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N		5038	4691	948	194	78	19	0	0	0	0	0	0	0	0	0		10968

(* < 0.05%)

STATION: 45007

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

Month: MAY

		WAVE HEIGHT																
WAVE PERIOD		0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4	TOT %	TOT N
< 0.5		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	-	19.2	2304
0.5 - 1.4		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4		1.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.7	201
2.5 - 3.4		39.7	8.8	-	-	-	-	-	-	-	-	-	-	-	-	-	48.5	5818
3.5 - 4.4		7.5	18.1	0.4	-	-	-	-	-	-	-	-	-	-	-	-	26.0	3114
4.5 - 5.4		0.1	1.9	1.6	0.1	-	-	-	-	-	-	-	-	-	-	-	3.7	449
5.5 - 6.4		-	0.1	0.2	0.5	0.1	-	-	-	-	-	-	-	-	-	-	0.8	96
6.5 - 7.4		-	-	-	*	0.1	-	-	-	-	-	-	-	-	-	-	0.1	7
TOTAL %		68.3	28.9	2.2	0.6	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		8184	3459	267	67	12	0	0	0	0	0	0	0	0	0	0		11989

(* < 0.05%)

STATION: 45007

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

Month: JUN

		WAVE HEIGHT																
WAVE PERIOD		0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4	TOT %	TOT N
< 0.5		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	-	28.4	3939
0.5 - 1.4		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4		2.1	*	-	-	-	-	-	-	-	-	-	-	-	-	-	2.1	290
2.5 - 3.4		38.3	8.8	-	-	-	-	-	-	-	-	-	-	-	-	-	47.1	6536
3.5 - 4.4		5.9	13.2	0.4	-	-	-	-	-	-	-	-	-	-	-	-	19.5	2714
4.5 - 5.4		*	1.6	1.1	*	-	-	-	-	-	-	-	-	-	-	-	2.8	383
5.5 - 6.4		-	*	0.1	0.1	-	-	-	-	-	-	-	-	-	-	-	0.2	28
TOTAL %		74.7	23.6	1.6	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		10370	3283	228	9	0	0	0	0	0	0	0	0	0	0	0		13890

(* < 0.05%)

STATION: 45007

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

Month: JUL

		WAVE HEIGHT																
WAVE PERIOD		0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4	TOT %	TOT N
< 0.5		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	-	15.8	2260

0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	1.4	*	-	-	-	-	-	-	-	-	-	-	-	-	-	1.4	203
2.5 - 3.4	41.3	12.2	-	-	-	-	-	-	-	-	-	-	-	-	-	53.5	7649
3.5 - 4.4	5.5	20.5	0.3	-	-	-	-	-	-	-	-	-	-	-	-	26.3	3760
4.5 - 5.4	*	1.5	1.4	*	-	-	-	-	-	-	-	-	-	-	-	3.0	426
5.5 - 6.4	*	-	*	*	-	-	-	-	-	-	-	-	-	-	-	0.1	9
TOTAL %	64.0	34.2	1.8	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	9156	4889	254	8	0	0	0	0	0	0	0	0	0	0	0		14307

(* < 0.05%)

STATION: 45007

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

Month: AUG

		WAVE HEIGHT																
WAVE PERIOD		0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4	TOT %	TOT N
< 0.5		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	-	11.0	1638
0.5 - 1.4		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4		1.1	*	-	-	-	-	-	-	-	-	-	-	-	-	-	1.1	158
2.5 - 3.4		32.7	15.2	-	-	-	-	-	-	-	-	-	-	-	-	-	47.8	7140
3.5 - 4.4		5.3	27.4	1.1	-	-	-	-	-	-	-	-	-	-	-	-	33.8	5044
4.5 - 5.4		0.1	2.6	3.0	0.1	-	-	-	-	-	-	-	-	-	-	-	5.8	859
5.5 - 6.4		-	-	0.4	0.2	*	-	-	-	-	-	-	-	-	-	-	0.6	89
6.5 - 7.4		-	-	-	-	*	-	-	-	-	-	-	-	-	-	-	0.0	2
TOTAL %		50.0	45.2	4.5	0.3	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		7468	6741	675	41	5	0	0	0	0	0	0	0	0	0	0		14930

(* < 0.05%)

STATION: 45007

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

Month: SEP

		WAVE HEIGHT																
WAVE PERIOD		0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4	TOT %	TOT N
< 0.5		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	-	6.6	956
0.5 - 1.4		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4		0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.2	32
2.5 - 3.4		20.9	13.9	-	-	-	-	-	-	-	-	-	-	-	-	-	34.8	5080
3.5 - 4.4		4.4	35.3	3.9	-	-	-	-	-	-	-	-	-	-	-	-	43.6	6363
4.5 - 5.4		*	3.9	8.6	0.6	-	-	-	-	-	-	-	-	-	-	-	13.0	1903
5.5 - 6.4		-	*	0.4	0.8	0.1	-	-	-	-	-	-	-	-	-	-	1.4	200
6.5 - 7.4		-	-	-	*	0.3	*	-	-	-	-	-	-	-	-	-	0.3	51
7.5 - 8.4		-	-	-	-	-	*	*	-	-	-	-	-	-	-	-	0.0	4
TOTAL %		32.1	53.1	12.9	1.5	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N		4684	7744	1888	214	48	9	2	0	0	0	0	0	0	0	0		14589

(* < 0.05%)

STATION: 45007

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

Month: OCT

		WAVE HEIGHT																
WAVE PERIOD		0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4	TOT %	TOT N
< 0.5		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	-	2.8	411
0.5 - 1.4		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4		0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.5	73
2.5 - 3.4		15.4	12.0	*	-	-	-	-	-	-	-	-	-	-	-	-	27.4	3980
3.5 - 4.4		2.9	37.7	4.8	*	-	-	-	-	-	-	-	-	-	-	-	45.4	6589
4.5 - 5.4		*	5.0	13.2	1.3	*	-	-	-	-	-	-	-	-	-	-	19.6	2849
5.5 - 6.4		-	0.1	0.9	2.4	0.4	*	-	-	-	-	-	-	-	-	-	3.8	548
6.5 - 7.4		-	-	-	0.1	0.3	0.1	-	-	-	-	-	-	-	-	-	0.5	68
TOTAL %		21.7	54.8	18.9	3.8	0.8	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N		3144	7952	2749	551	111	11	0	0	0	0	0	0	0	0	0		14518

(* < 0.05%)

STATION: 45007

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

Month: NOV

		WAVE HEIGHT																
WAVE PERIOD		0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4	TOT %	TOT N
< 0.5		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	-	0.8	72

1.5 - 2.4	0.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.9	242
2.5 - 3.4	30.3	10.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	40.6	10571
3.5 - 4.4	7.2	23.3	1.3	-	-	-	-	-	-	-	-	-	-	-	-	-	31.7	8251
4.5 - 5.4	0.2	3.4	4.4	0.6	-	-	-	-	-	-	-	-	-	-	-	-	8.6	2238
5.5 - 6.4	*	0.1	0.5	0.8	0.2	*	-	-	-	-	-	-	-	-	-	-	1.7	433
6.5 - 7.4	-	-	*	*	0.1	*	-	-	-	-	-	-	-	-	-	-	0.2	62
7.5 - 8.4	-	-	-	-	-	*	-	-	-	-	-	-	-	-	-	-	0.0	2
TOTAL %	54.8	37.1	6.2	1.4	0.4	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	14245	9656	1620	364	95	25	0	0	0	0	0	0	0	0	0	0		26005

(* < 0.05%)

STATION: 45007

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		18.2	7837
0.5 - 1.4	18.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.5	651
2.5 - 3.4	1.5	*	-	-	-	-	-	-	-	-	-	-	-	-	-	49.4	21325
3.5 - 4.4	37.3	12.1	-	-	-	-	-	-	-	-	-	-	-	-	-	26.7	11518
4.5 - 5.4	5.6	20.5	0.6	-	-	-	-	-	-	-	-	-	-	-	-	3.9	1668
5.5 - 6.4	*	1.9	1.9	*	-	-	-	-	-	-	-	-	-	-	-	0.3	126
6.5 - 7.4	*	*	0.2	0.1	*	-	-	-	-	-	-	-	-	-	-	0.0	2
TOTAL %	62.6	34.6	2.7	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	26994	14913	1157	58	5	0	0	0	0	0	0	0	0	0	0		43127

(* < 0.05%)

STATION: 45007

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		3.8	1439
0.5 - 1.4	3.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.3	128
2.5 - 3.4	0.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	28.8	11028
3.5 - 4.4	16.1	12.6	*	-	-	-	-	-	-	-	-	-	-	-	-	45.3	17360
4.5 - 5.4	3.2	37.0	5.1	*	-	-	-	-	-	-	-	-	-	-	-	18.5	7101
5.5 - 6.4	*	4.5	12.6	1.4	*	-	-	-	-	-	-	-	-	-	-	2.9	1111
6.5 - 7.4	-	*	0.6	1.8	0.4	*	-	-	-	-	-	-	-	-	-	0.5	181
7.5 - 8.4	-	-	-	0.1	0.3	0.1	*	-	-	-	-	-	-	-	-	0.0	10
TOTAL %	23.4	54.2	18.3	3.3	0.7	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	8978	20788	7003	1271	250	59	9	0	0	0	0	0	0	0	0		38358

(* < 0.05%)

STATION: 45007

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	10.3	0.2	0.1	0.1	-	0.1	0.1	0.1	0.1	0.1	0.2	0.2	11.4	223
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	3.0	1.7	0.6	1.4	1.1	0.9	3.7	3.4	1.2	1.0	0.7	0.6	19.1	376
3.5 - 4.4	5.8	1.4	1.5	1.1	0.7	1.4	7.0	3.7	1.4	1.5	1.0	1.2	27.5	541
4.5 - 5.4	8.7	0.7	0.6	0.1	0.2	0.8	4.8	1.1	-	0.3	1.0	1.6	19.8	389
5.5 - 6.4	10.3	0.8	-	-	0.3	0.1	0.4	0.1	0.1	0.3	0.2	1.2	13.7	270
6.5 - 7.4	5.2	0.3	-	-	-	-	-	-	-	-	-	0.5	6.0	117
7.5 - 8.4	1.8	-	-	-	-	-	-	-	-	-	-	0.1	1.8	36
8.5 - 9.4	0.4	-	-	-	-	-	-	-	-	-	-	-	0.4	7
9.5 - 10.4	0.3	-	-	-	-	-	-	-	-	-	-	-	0.3	5
TOTAL %	45.7	5.0	2.6	2.6	2.3	3.2	15.9	8.4	2.9	3.1	3.0	5.3	100.0	
TOTAL N	897	98	52	52	45	63	313	165	56	60	59	104		1964

(* < 0.05%)

STATION: 45007

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	15.7	0.3	0.1	0.1	0.2	0.2	0.6	0.5	0.1	0.1	*	0.3	18.3	1141

0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	2.4	1.6	1.2	1.3	1.2	1.7	3.9	2.1	0.6	0.3	0.6	0.7	17.6	1097	
3.5 - 4.4	6.5	1.3	2.0	1.5	1.0	1.6	6.0	2.8	0.7	0.5	0.3	1.6	25.8	1610	
4.5 - 5.4	10.5	1.2	1.3	1.0	0.3	0.3	2.0	1.0	0.2	0.2	0.3	1.0	19.2	1201	
5.5 - 6.4	7.8	0.5	0.4	0.2	*	-	0.2	0.4	0.3	0.4	0.2	0.7	11.3	703	
6.5 - 7.4	4.4	0.3	*	*	-	-	-	*	0.1	*	-	*	4.9	309	
7.5 - 8.4	2.1	*	-	-	-	-	-	*	*	-	-	*	2.3	145	
8.5 - 9.4	0.5	-	-	-	-	-	-	-	-	-	-	*	0.5	31	
9.5 - 10.4	0.1	-	-	-	-	-	-	-	-	-	-	*	0.1	7	
TOTAL %	50.0	5.3	4.9	4.2	2.8	3.8	12.7	6.8	2.0	1.6	1.4	4.5	100.0		
TOTAL N	3122	332	309	260	172	240	790	427	127	97	88	280		6244	

(* < 0.05%)

STATION: 45007

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	16.8	1.8	0.3	0.2	0.4	0.9	3.0	2.7	0.9	0.5	0.5	1.6	29.6	1778
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	3.5	1.5	1.3	1.3	1.9	2.3	5.2	3.0	0.9	1.1	0.6	1.0	23.7	1420
3.5 - 4.4	9.4	2.2	0.9	1.2	1.0	0.9	4.1	2.3	0.6	0.7	0.4	1.5	25.2	1513
4.5 - 5.4	8.7	0.9	0.1	0.2	0.2	0.4	1.5	0.8	0.2	0.2	0.2	0.9	14.3	860
5.5 - 6.4	4.0	0.4	-	*	0.1	*	0.2	-	-	-	*	0.1	4.8	286
6.5 - 7.4	1.1	0.1	-	-	-	-	-	-	-	-	-	*	1.2	72
7.5 - 8.4	0.8	0.2	-	-	-	-	-	-	-	-	-	0.1	1.0	63
8.5 - 9.4	0.1	-	-	-	-	-	-	-	-	-	-	*	0.1	7
9.5 - 10.4	*	-	-	-	-	-	-	-	-	-	-	-	0.0	1
TOTAL %	44.5	7.1	2.5	3.0	3.6	4.4	14.0	8.8	2.7	2.6	1.7	5.2	100.0	
TOTAL N	2668	427	150	177	216	265	842	526	160	153	105	311		6000

(* < 0.05%)

STATION: 45007

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	28.4	2.2	0.4	0.3	0.5	1.1	3.5	3.9	1.0	0.7	0.8	2.3	45.2	3056
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	3.6	1.8	0.9	1.0	1.3	2.1	5.1	2.5	1.2	0.8	1.0	1.4	22.6	1528
3.5 - 4.4	5.2	1.6	0.6	0.5	0.6	1.0	5.6	2.2	0.4	0.3	0.3	1.0	19.3	1304
4.5 - 5.4	4.4	0.9	0.2	*	0.1	0.2	1.6	0.5	*	*	*	0.2	8.2	557
5.5 - 6.4	2.8	0.3	-	*	0.1	*	0.1	*	-	-	-	0.1	3.4	233
6.5 - 7.4	0.9	0.1	-	-	-	-	-	-	-	-	-	*	1.1	71
7.5 - 8.4	0.1	*	-	-	-	-	-	-	-	-	-	-	0.1	9
TOTAL %	45.5	6.8	2.1	1.8	2.6	4.4	15.9	9.2	2.7	1.8	2.2	5.0	100.0	
TOTAL N	3072	462	145	123	173	298	1076	621	180	123	149	336		6758

(* < 0.05%)

STATION: 45007

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	16.3	0.5	0.3	0.2	0.3	0.7	2.0	1.4	0.5	0.4	0.3	0.8	23.6	1774
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	2.8	2.0	1.1	1.1	1.2	2.1	8.0	4.8	2.0	1.6	1.3	1.9	29.8	2242
3.5 - 4.4	7.0	2.8	1.0	0.7	0.9	1.5	7.6	2.7	0.9	1.1	1.2	1.9	29.4	2214
4.5 - 5.4	6.1	1.5	0.2	0.2	0.1	0.3	1.8	0.6	0.2	0.1	0.2	0.9	12.4	933
5.5 - 6.4	2.8	0.5	*	-	*	0.1	0.2	*	*	*	-	0.1	3.8	285
6.5 - 7.4	0.9	0.2	-	-	-	-	-	-	-	-	-	-	1.0	76
7.5 - 8.4	*	-	-	-	-	-	-	-	-	-	-	-	0.0	2
TOTAL %	35.9	7.5	2.5	2.3	2.5	4.7	19.6	9.5	3.6	3.2	3.0	5.6	100.0	
TOTAL N	2700	561	191	173	191	352	1478	716	274	242	229	419		7526

(* < 0.05%)

STATION: 45007

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

TOTAL %	30.1	3.4	2.3	2.3	1.0	4.6	24.9	9.1	5.6	5.8	4.1	6.8	100.0	
TOTAL N	1477	167	112	114	50	225	1222	445	276	286	201	333		4908

(* < 0.05%)

STATION: 45007

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	3.7	-	-	-	-	-	-	-	-	-	-	-	3.7	36
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	0.5	0.2	0.2	-	0.1	0.6	3.9	1.8	0.9	0.3	0.6	0.3	9.5	93
3.5 - 4.4	1.1	0.5	0.6	0.3	0.3	-	8.9	4.3	3.0	4.1	1.1	1.0	25.1	247
4.5 - 5.4	5.0	0.4	0.6	0.4	0.1	0.5	9.2	3.3	2.6	1.5	1.3	0.9	25.8	254
5.5 - 6.4	7.8	-	1.1	0.1	-	0.8	7.5	2.8	1.2	0.9	0.5	2.0	24.9	245
6.5 - 7.4	4.2	-	-	-	-	-	1.4	0.5	-	-	0.1	1.2	7.4	73
7.5 - 8.4	2.3	0.3	-	-	-	-	-	-	-	-	0.1	0.8	3.6	35
TOTAL %	24.6	1.4	2.5	0.8	0.5	1.9	30.8	12.7	7.7	6.8	3.8	6.3	100.0	
TOTAL N	242	14	25	8	5	19	303	125	76	67	37	62		983

(* < 0.05%)

STATION: 45007

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	12.2	0.7	0.2	0.1	0.2	0.5	1.4	1.3	0.4	0.3	0.3	0.7	18.1	10506
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	2.2	1.4	0.9	1.0	1.1	1.8	5.0	2.9	1.1	0.9	0.8	1.1	20.2	11721
3.5 - 4.4	5.6	1.6	1.0	1.0	1.0	1.7	7.0	2.7	1.0	1.1	0.9	1.5	26.1	15143
4.5 - 5.4	7.3	1.1	0.5	0.5	0.3	0.7	4.1	1.4	0.6	0.6	0.6	1.4	19.1	11091
5.5 - 6.4	5.9	0.5	0.2	0.1	0.1	0.2	1.6	0.5	0.3	0.3	0.3	0.7	10.7	6203
6.5 - 7.4	3.0	0.2	*	*	*	*	0.2	0.1	*	*	*	0.2	4.0	2298
7.5 - 8.4	1.1	0.1	*	*	*	-	*	*	-	*	*	*	1.4	814
8.5 - 9.4	0.2	*	-	-	-	-	-	*	*	-	-	*	0.2	123
9.5 - 10.4	0.1	*	-	-	-	-	-	-	-	-	-	*	0.1	37
TOTAL %	37.7	5.6	2.7	2.8	2.8	5.0	19.4	8.9	3.4	3.1	2.9	5.6	100.0	
TOTAL N	21826	3271	1551	1609	1603	2886	11256	5180	1995	1794	1705	3260		57936

(* < 0.05%)

STATION: 45007

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	3.7	-	-	-	-	-	-	-	-	-	-	-	3.7	36
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	0.5	0.2	0.2	-	0.1	0.6	3.9	1.8	0.9	0.3	0.6	0.3	9.5	93
3.5 - 4.4	1.1	0.5	0.6	0.3	0.3	-	8.9	4.3	3.0	4.1	1.1	1.0	25.1	247
4.5 - 5.4	5.0	0.4	0.6	0.4	0.1	0.5	9.2	3.3	2.6	1.5	1.3	0.9	25.8	254
5.5 - 6.4	7.8	-	1.1	0.1	-	0.8	7.5	2.8	1.2	0.9	0.5	2.0	24.9	245
6.5 - 7.4	4.2	-	-	-	-	-	1.4	0.5	-	-	0.1	1.2	7.4	73
7.5 - 8.4	2.3	0.3	-	-	-	-	-	-	-	-	0.1	0.8	3.6	35
TOTAL %	24.6	1.4	2.5	0.8	0.5	1.9	30.8	12.7	7.7	6.8	3.8	6.3	100.0	
TOTAL N	242	14	25	8	5	19	303	125	76	67	37	62		983

(* < 0.05%)

STATION: 45007

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	15.4	0.9	0.2	0.1	0.3	0.5	1.5	1.4	0.4	0.3	0.2	0.8	22.1	3142
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	3.0	1.6	1.1	1.3	1.5	1.8	4.4	2.6	0.8	0.7	0.6	0.8	20.4	2893
3.5 - 4.4	7.6	1.7	1.4	1.3	1.0	1.3	5.3	2.7	0.8	0.7	0.4	1.5	25.8	3664
4.5 - 5.4	9.5	1.0	0.7	0.5	0.3	0.4	2.2	0.9	0.2	0.2	0.4	1.0	17.2	2450
5.5 - 6.4	6.5	0.5	0.2	0.1	0.1	*	0.2	0.2	0.2	0.2	0.1	0.5	8.9	1259
6.5 - 7.4	3.1	0.2	*	*	-	-	-	*	0.1	*	-	0.1	3.5	498
7.5 - 8.4	1.5	0.1	-	-	-	-	-	*	*	-	-	0.1	1.7	244

8.5 - 9.4	0.3	-	-	-	-	-	-	-	-	-	-	-	-	*	0.3	45
9.5 - 10.4	0.1	-	-	-	-	-	-	-	-	-	-	-	-	*	0.1	13
TOTAL %	47.1	6.0	3.6	3.4	3.0	4.0	13.7	7.9	2.4	2.2	1.8	4.9	100.0			
TOTAL N	6687	857	511	489	433	568	1945	1118	343	310	252	695			14208	

(* < 0.05%)

STATION: 45007

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	18.0	1.0	0.3	0.2	0.3	0.7	2.4	2.1	0.7	0.4	0.5	1.1	27.7	6175
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	3.1	1.9	1.0	1.1	1.2	2.2	6.8	3.9	1.5	1.2	1.2	1.5	26.5	5918
3.5 - 4.4	6.6	2.4	0.9	0.9	1.0	1.6	7.2	2.4	0.7	0.7	0.8	1.6	26.7	5954
4.5 - 5.4	6.1	1.3	0.2	0.3	0.2	0.4	2.4	0.7	0.1	0.1	0.2	0.8	12.7	2841
5.5 - 6.4	3.6	0.4	*	*	*	0.1	0.3	0.1	*	*	*	0.1	4.7	1047
6.5 - 7.4	1.2	0.2	-	-	-	-	*	*	-	-	-	*	1.5	324
7.5 - 8.4	0.1	*	*	-	*	-	-	-	-	-	-	-	0.2	41
8.5 - 9.4	*	-	-	-	-	-	-	-	-	-	-	-	0.0	1
9.5 - 10.4	-	*	-	-	-	-	-	-	-	-	-	-	0.0	1
TOTAL %	38.8	7.3	2.3	2.5	2.6	5.0	19.1	9.2	3.0	2.4	2.7	5.1	100.0	
TOTAL N	8654	1618	524	551	587	1118	4261	2053	660	540	597	1139		22302

(* < 0.05%)

STATION: 45007

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	4.1	0.1	0.1	*	0.1	0.2	0.4	0.3	0.1	0.1	0.1	0.2	5.6	1153
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	0.9	0.7	0.6	0.7	0.9	1.4	3.5	2.0	1.0	0.8	0.6	0.8	13.8	2817
3.5 - 4.4	3.4	0.7	0.9	0.8	1.1	2.3	7.8	2.8	1.3	1.6	1.4	1.6	25.8	5278
4.5 - 5.4	7.3	1.0	0.6	0.9	0.5	1.3	7.0	2.5	1.4	1.2	1.2	2.2	27.1	5546
5.5 - 6.4	7.8	0.7	0.2	0.2	0.1	0.5	3.8	1.2	0.6	0.5	0.7	1.5	17.9	3652
6.5 - 7.4	4.8	0.4	*	*	*	0.1	0.6	0.3	0.1	0.1	0.1	0.4	6.9	1403
7.5 - 8.4	1.9	0.2	-	*	*	-	0.1	0.1	0.1	-	*	*	2.4	494
8.5 - 9.4	0.3	*	-	-	-	-	-	*	*	-	-	-	0.4	77
9.5 - 10.4	0.1	*	-	-	-	-	-	-	-	-	-	-	0.1	23
TOTAL %	30.5	3.8	2.4	2.7	2.8	5.8	23.2	9.2	4.5	4.3	4.0	6.7	100.0	
TOTAL N	6243	782	491	561	578	1181	4747	1884	916	877	819	1364		20443

(* < 0.05%)

STATION: 45007

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	21.0	2.1	0.5	1.3	0.9	1.1	4.8	4.2	1.1	0.8	0.7	1.4	39.8	782
0.5 - 1.4	16.9	2.7	2.1	1.4	1.1	2.0	10.9	4.2	1.6	1.9	2.1	1.9	48.9	960
1.5 - 2.4	6.4	0.2	-	-	0.4	0.1	0.3	0.1	0.1	0.4	0.2	1.8	9.8	192
2.5 - 3.4	0.9	-	-	-	-	-	-	-	-	-	-	0.1	1.0	19
3.5 - 4.4	0.2	-	-	-	-	-	-	-	-	-	-	0.1	0.3	5
4.5 - 5.4	0.3	-	-	-	-	-	-	-	-	-	-	-	0.3	6
TOTAL %	45.7	5.0	2.6	2.6	2.3	3.2	15.9	8.4	2.9	3.1	3.0	5.3	100.0	
TOTAL N	897	98	52	52	45	63	313	165	56	60	59	104		1964

(* < 0.05%)

STATION: 45007

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	26.3	2.2	1.1	1.0	1.2	1.9	5.5	3.1	0.8	0.4	0.6	1.8	46.1	2876
0.5 - 1.4	17.2	2.5	3.0	2.7	1.5	1.9	7.1	3.3	0.7	0.6	0.6	2.1	43.2	2700
1.5 - 2.4	5.1	0.5	0.8	0.4	*	-	0.1	0.4	0.3	0.4	0.3	0.5	8.9	553
2.5 - 3.4	0.9	0.1	-	*	-	-	-	*	*	0.1	-	*	1.1	71
3.5 - 4.4	0.4	-	-	-	-	-	-	*	0.1	-	-	*	0.6	37
4.5 - 5.4	0.1	-	-	-	-	-	-	*	-	-	-	*	0.1	7
TOTAL %	50.0	5.3	4.9	4.2	2.8	3.8	12.7	6.8	2.0	1.6	1.4	4.5	100.0	

TOTAL N 3122 332 309 260 172 240 790 427 127 97 88 280 6244
 (* < 0.05%)

STATION: 45007

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	30.0	5.0	1.7	1.6	2.3	3.3	9.1	6.7	1.9	1.9	1.3	3.6	68.2	4089
0.5 - 1.4	12.2	1.9	0.9	1.3	1.3	1.1	4.8	2.1	0.8	0.7	0.5	1.5	29.0	1740
1.5 - 2.4	1.6	*	-	*	*	*	0.1	-	-	-	*	0.1	1.9	114
2.5 - 3.4	0.5	0.2	-	-	-	-	-	-	-	-	-	0.1	0.8	47
3.5 - 4.4	0.1	*	-	-	-	-	-	-	-	-	-	*	0.2	10
TOTAL %	44.5	7.1	2.5	3.0	3.6	4.4	14.0	8.8	2.7	2.6	1.8	5.2	100.0	
TOTAL N	2668	427	150	177	216	265	842	526	160	153	105	311		6000

(* < 0.05%)

STATION: 45007

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	37.4	5.3	1.5	1.3	1.8	3.4	10.8	7.8	2.4	1.6	2.0	4.2	79.3	5358
0.5 - 1.4	7.0	1.4	0.6	0.5	0.7	1.1	5.1	1.4	0.3	0.3	0.2	0.8	19.3	1306
1.5 - 2.4	1.0	0.2	*	-	0.1	-	*	-	-	-	-	*	1.3	89
2.5 - 3.4	0.1	*	-	-	-	-	-	-	-	-	-	-	0.1	5
TOTAL %	45.5	6.8	2.1	1.8	2.6	4.4	15.9	9.2	2.7	1.8	2.2	5.0	100.0	
TOTAL N	3072	462	145	123	173	298	1076	621	180	123	149	336		6758

(* < 0.05%)

STATION: 45007

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	24.7	3.9	1.4	1.2	1.5	2.9	12.4	7.0	2.5	2.1	1.7	3.3	64.6	4865
0.5 - 1.4	10.3	3.2	1.1	1.0	1.1	1.7	7.2	2.5	1.1	1.1	1.3	2.2	33.8	2541
1.5 - 2.4	0.9	0.3	0.1	0.1	*	*	0.1	*	*	-	0.1	-	1.6	119
2.5 - 3.4	*	-	-	-	-	-	-	-	-	-	-	-	0.0	1
TOTAL %	35.9	7.5	2.5	2.3	2.5	4.7	19.6	9.5	3.6	3.2	3.0	5.6	100.0	
TOTAL N	2700	561	191	173	191	352	1478	716	274	242	229	419		7526

(* < 0.05%)

STATION: 45007

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	20.1	3.4	0.9	1.2	1.0	3.2	11.1	6.1	1.7	1.4	1.6	2.4	54.1	4341
0.5 - 1.4	13.0	3.6	1.4	1.8	1.7	2.6	9.9	2.8	0.9	0.7	1.1	2.3	41.7	3347
1.5 - 2.4	2.6	0.3	*	0.1	0.1	*	0.3	*	*	*	*	0.1	3.8	308
2.5 - 3.4	0.1	0.1	-	-	-	-	-	-	-	-	-	-	0.2	17
3.5 - 4.4	*	*	-	-	-	-	-	-	-	-	-	-	0.1	5
TOTAL %	35.9	7.4	2.3	3.2	2.8	5.8	21.3	8.9	2.6	2.2	2.7	4.8	100.0	
TOTAL N	2882	595	188	255	223	468	1707	716	206	175	219	384		8018

(* < 0.05%)

STATION: 45007

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	14.1	1.5	0.6	0.6	1.6	2.6	6.5	3.3	1.2	0.8	0.8	1.8	35.4	2739
0.5 - 1.4	14.5	2.5	1.4	1.4	1.9	4.1	11.5	4.7	2.3	1.8	1.9	2.7	50.7	3917
1.5 - 2.4	6.0	0.4	*	0.2	0.3	0.3	1.4	0.6	0.3	0.3	0.9	1.3	12.1	938
2.5 - 3.4	1.0	0.1	-	-	-	0.1	0.1	*	-	-	*	0.1	1.3	100
3.5 - 4.4	0.4	*	-	-	-	-	-	-	-	-	-	*	0.4	33
4.5 - 5.4	0.1	*	-	-	-	-	-	-	-	-	-	-	0.1	5
TOTAL %	36.0	4.5	2.0	2.3	3.7	7.1	19.5	8.6	3.8	2.9	3.7	5.7	100.0	

TOTAL N 2783 351 158 174 287 552 1511 667 296 226 283 444 7732
 (* < 0.05%)

STATION: 45007

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	6.7	0.8	0.8	0.9	0.4	1.3	6.1	2.6	0.7	0.5	0.7	1.4	22.9	1787
0.5 - 1.4	12.4	1.9	1.4	2.1	2.4	3.2	15.4	5.5	2.3	3.1	2.5	4.1	56.5	4409
1.5 - 2.4	4.3	0.4	0.5	0.5	0.2	0.7	4.0	1.5	1.1	0.8	1.0	1.7	16.6	1297
2.5 - 3.4	1.7	0.2	0.1	-	-	-	0.3	0.3	0.1	0.2	0.1	0.4	3.2	253
3.5 - 4.4	0.3	-	-	-	-	-	-	*	0.2	0.1	0.1	*	0.7	52
4.5 - 5.4	*	*	-	-	-	-	-	-	*	-	-	-	0.1	5
TOTAL %	25.4	3.4	2.8	3.5	3.1	5.2	25.8	9.9	4.4	4.7	4.3	7.5	100.0	
TOTAL N	1983	264	221	273	241	404	2014	772	344	365	335	587		7803

(* < 0.05%)

STATION: 45007

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	3.6	0.2	0.2	0.2	0.3	0.6	3.6	1.3	0.7	0.8	0.3	0.5	12.1	596
0.5 - 1.4	17.9	2.0	1.7	1.2	0.6	2.6	14.9	4.9	2.9	3.3	2.7	4.3	59.0	2895
1.5 - 2.4	6.6	0.8	0.4	0.5	0.1	1.0	6.0	2.6	1.5	1.7	1.1	1.6	23.9	1171
2.5 - 3.4	1.8	0.3	-	0.2	*	0.4	0.4	0.1	0.3	0.1	0.1	0.4	4.2	207
3.5 - 4.4	0.2	*	-	0.1	*	-	*	0.1	0.1	-	-	-	0.5	25
4.5 - 5.4	0.1	*	-	-	-	-	-	*	0.1	-	-	-	0.2	10
5.5 - 6.4	-	-	-	-	-	-	-	*	*	-	-	-	0.1	4
TOTAL %	30.1	3.4	2.3	2.3	1.0	4.6	24.9	9.1	5.6	5.8	4.1	6.8	100.0	
TOTAL N	1477	167	112	114	50	225	1222	445	276	286	201	333		4908

(* < 0.05%)

STATION: 45007

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

Month: DEC

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	5.6	0.2	-	-	-	0.5	5.5	1.8	1.1	0.3	0.2	0.6	15.9	156
0.5 - 1.4	12.7	0.9	1.2	0.7	0.5	0.7	17.0	6.3	4.5	4.9	2.3	2.2	54.0	531
1.5 - 2.4	4.2	0.3	1.3	0.1	-	0.7	7.9	4.5	2.1	1.5	1.0	1.7	25.4	250
2.5 - 3.4	2.1	-	-	-	-	-	0.4	0.1	-	0.1	0.1	1.4	4.3	42
3.5 - 4.4	-	-	-	-	-	-	-	-	-	-	0.1	0.3	0.4	4
TOTAL %	24.6	1.4	2.5	0.8	0.5	1.9	30.8	12.7	7.7	6.8	3.8	6.3	100.0	
TOTAL N	242	14	25	8	5	19	303	125	76	67	37	62		983

(* < 0.05%)

STATION: 45007

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	20.2	2.8	1.0	1.0	1.2	2.4	8.2	4.8	1.5	1.2	1.1	2.3	47.6	27589
0.5 - 1.4	13.0	2.4	1.4	1.5	1.4	2.3	9.7	3.5	1.5	1.5	1.4	2.4	42.0	24346
1.5 - 2.4	3.6	0.4	0.2	0.2	0.1	0.2	1.5	0.6	0.4	0.4	0.4	0.7	8.7	5031
2.5 - 3.4	0.8	0.1	*	*	*	*	0.1	*	*	*	*	0.1	1.3	762
3.5 - 4.4	0.2	*	-	*	*	-	*	*	*	*	*	*	0.3	171
4.5 - 5.4	*	*	-	-	-	-	-	*	*	-	-	*	0.1	33
5.5 - 6.4	-	-	-	-	-	-	-	*	*	-	-	-	0.0	4
TOTAL %	37.7	5.6	2.7	2.8	2.8	5.0	19.4	8.9	3.4	3.1	2.9	5.6	100.0	
TOTAL N	21826	3271	1551	1609	1603	2886	11256	5180	1995	1794	1705	3260		57936

(* < 0.05%)

STATION: 45007

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

Months: DEC, JAN, FEB (Winter)

WAVE HEIGHT	MEAN WAVE DIRECTION												TOT %	TOT N
	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
< 0.5	5.6	0.2	-	-	-	0.5	5.5	1.8	1.1	0.3	0.2	0.6	15.9	156

0.5 - 1.4	12.7	0.9	1.2	0.7	0.5	0.7	17.0	6.3	4.5	4.9	2.3	2.2	54.0	531
1.5 - 2.4	4.2	0.3	1.3	0.1	-	0.7	7.9	4.5	2.1	1.5	1.0	1.7	25.4	250
2.5 - 3.4	2.1	-	-	-	-	-	0.4	0.1	-	0.1	0.1	1.4	4.3	42
3.5 - 4.4	-	-	-	-	-	-	-	-	-	-	0.1	0.3	0.4	4
TOTAL %	24.6	1.4	2.5	0.8	0.5	1.9	30.8	12.7	7.7	6.8	3.8	6.3	100.0	
TOTAL N	242	14	25	8	5	19	303	125	76	67	37	62		983

(* < 0.05%)

STATION: 45007

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	27.1	3.4	1.2	1.3	1.6	2.4	6.9	4.8	1.3	1.1	0.9	2.5	54.5	7747
0.5 - 1.4	15.1	2.3	2.0	1.9	1.4	1.6	6.6	2.9	0.9	0.8	0.8	1.8	38.0	5400
1.5 - 2.4	3.8	0.2	0.4	0.2	0.1	*	0.1	0.2	0.2	0.2	0.1	0.5	6.0	859
2.5 - 3.4	0.7	0.1	-	*	-	-	-	*	*	*	-	*	1.0	137
3.5 - 4.4	0.2	*	-	-	-	-	-	*	0.1	-	-	*	0.4	52
4.5 - 5.4	0.1	-	-	-	-	-	-	*	-	-	-	*	0.1	13
TOTAL %	47.1	6.0	3.6	3.4	3.0	4.0	13.7	7.9	2.4	2.2	1.8	4.9	100.0	
TOTAL N	6687	857	511	489	433	568	1945	1118	343	310	252	695		14208

(* < 0.05%)

STATION: 45007

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	26.9	4.1	1.3	1.2	1.4	3.1	11.4	6.9	2.2	1.7	1.8	3.3	65.3	14564
0.5 - 1.4	10.3	2.8	1.0	1.2	1.2	1.8	7.5	2.3	0.8	0.7	0.9	1.8	32.3	7194
1.5 - 2.4	1.6	0.3	*	0.1	0.1	*	0.2	*	*	*	*	*	2.3	516
2.5 - 3.4	0.1	*	-	-	-	-	-	-	-	-	-	-	0.1	23
3.5 - 4.4	*	*	-	-	-	-	-	-	-	-	-	-	0.0	5
TOTAL %	38.8	7.3	2.3	2.5	2.6	5.0	19.1	9.2	3.0	2.4	2.7	5.1	100.0	
TOTAL N	8654	1618	524	551	587	1118	4261	2053	660	540	597	1139		22302

(* < 0.05%)

STATION: 45007

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	8.7	0.9	0.6	0.6	0.8	1.6	5.6	2.6	0.9	0.7	0.6	1.3	25.1	5122
0.5 - 1.4	14.5	2.2	1.5	1.6	1.8	3.4	13.8	5.0	2.5	2.7	2.3	3.6	54.9	11221
1.5 - 2.4	5.5	0.5	0.3	0.4	0.2	0.6	3.5	1.4	0.9	0.8	1.0	1.5	16.7	3406
2.5 - 3.4	1.4	0.2	*	0.1	*	0.1	0.2	0.1	0.1	0.1	0.1	0.3	2.7	560
3.5 - 4.4	0.3	*	-	*	*	-	*	*	0.1	*	*	*	0.5	110
4.5 - 5.4	*	*	-	-	-	-	-	*	*	-	-	-	0.1	20
5.5 - 6.4	-	-	-	-	-	-	-	*	*	-	-	-	0.0	4
TOTAL %	30.5	3.8	2.4	2.7	2.8	5.8	23.2	9.2	4.5	4.3	4.0	6.7	100.0	
TOTAL N	6243	782	491	561	578	1181	4747	1884	916	877	819	1364		20443

(* < 0.05%)

Summary complete: 09-Sep-2003 04:45:56