Summary created: 09-Sep-2003 10:05:09

STATION: 51001

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

ELEMENT: AIR TEMPERATURE (DEGREES C) -- POR: (2/1981 - 12/2001) (149674 RECORDS, 96.7% 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	-	-	1	#	-	-	-	-	-	-	-	-	-	-	17	#	23	#	77	#	22	#	-	-	140	#
28	-	-	-	-	-	-	-	-	1	#	1	#	90	#	861	999	1069	998	691	994	139	998	-	-	2852	999
27	-	-	1	999	-	-	-	-	4	999	224	999	1051	994	3001	938	4727	923	2382	941	99	985	1	#	11490	980
26	2	#	1	999	-	-	2	#	60	999	1994	983	6767	919	8087	727	6948	591	5586	758	1649	976	297	999	31393	903
25	293	999	69	999	63	#	115	999	1866	995	6879	834	5061	440	1988	157	1287	104	3498	328	4047	824	1849	975	27015	694
24	2280	974	1002	994	1589	994	2000	990	4657	845	3508	321	1025	81	220	17	146	13	584	59	3264	451	4232	821	24507	513
23	3528	774	4019	905	3774	854	4831	815	3253	470	710	59	101	9	24	2	34	3	137	14	1048	150	2975	467	24434	349
22	2625	464	2741	551	3191	521	2867	392	1856	208	77	6	19	1	2	*	7	*	36	3	433	53	1643	219	15497	186
21	1665	233	1952	309	1599	239	1154	141	591	59	3	*	-	-	-	-	-	-	3	1	116	13	733	82	7816	82
20	749	87	1199	137	809	98	404	40	131	12	1	*	-	-	-	-	-	-	4	*	23	2	216	20	3536	30
19	189	21	316	32	261	26	48	4	14	1	1	*	-	-	-	-	-	-	-	-	4	*	26	2	859	7
18	41	4	40	4	35	3	3	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	*	122	1
17	9	1	2	*	2	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13	*
16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	*
MEAN	22.4		22.0		22.2		22.6		23.4		24.7		25.5		26.1		26.3		25.8		24.5		23.4		24.2	
S.D.	1.3		1.3		1.2		1.0		1.1		0.8		0.7		0.8		0.8		1.0		1.1		1.2		1.9	
TOTAL	11381		11343		11323		11424		12433		13398		14114		14200		14241		12998		10844		11975		149674	
MAX	25.5		29.4		25.1		25.5		27.9		27.6		28.2		29.2		29.2		29.3		28.9		26.6		29.4	
DATE	1996012404		1998021821		1998032004		1982041904		2001053104		1992060203		2000072717		1987082404		1996090104		1994100404		1994110120		1983120703		1998021821	
MIN	16.6		17.4		17.4		17.7		18.7		18.8		21.5		22.3		21.7		19.8		19.0		17.9		16.6	
DATE	1985013007		1996021913		1998032213		1985040301		1997051019		1987061905		1989072303		1998080819		1991093017		1993102602		2001112700		1990122516		1985013007	

(* < 0.05% , # = 100.0%)

STATION: 51001

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

ELEMENT: SEA TEMPERATURE (DEGREES C) -- POR: (2/1981 - 12/2001) (149744 RECORDS, 96.8% HAVE ELEMENT)

	JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC		ANN	
	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF
31	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	#
30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11	#	22	#	3	#	-	-	-	-	36	#
29	-	-	-	-	-	-	-	-	-	-	2	#	10	#	160	999	180	998	88	999	-	-	-	-	440	999
28	-	-	-	-	-	-	-	-	2	#	55	999	170	999	1364	988	2238	986	1532	993	2	#	-	-	5363	997
27	-	-	-	-	-	-	-	-	68	999	806	996	3155	987	8231	892	9621	829	6649	875	777	999	63	#	29370	961
26	-	-	3	#	11	#	21	#	970	994	5437	936	8785	763	4089	312	2034	153	4528	364	4658	925	1471	995	32007	765
25	1877	#	310	999	732	999	645	998	4070	916	6025	530	1823	140	229	24	99	10	182	15	4302	474	5775	874	26069	551
24	6044	838	5655	973	4452	934	6231	942	5123	589	689	80	156	11	113	8	43	3	17	1	456	57	3859	398	32838	377
23	3065	318	4164	483	4319	541	3885	396	1986	177	388	29	-	-	5	*	-	-	-	-	124	13	662	80	18598	158
22	578	55	1138	122	1442	160	541	56	214	17	-	-	-	-	-	-	-	-	-	-	9	1	298	26	4220	34
21	58	5	249	23	342	32	99	9	-	-	-	-	-	-	-	-	-	-	-	-	1	*	14	1	763	5
20	-	-	16	1	24	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	40	*
19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	*
MEAN	23.7		23.3		23.3		23.5		24.3		25.4		26.1		26.7		27.0		26.7		25.5		24.5		25.1	
S.D.	0.7		0.7		0.9		0.7		0.9		0.8		0.6		0.7		0.6		0.6		0.7		0.8		1.5	
TOTAL	11622		11535		11322		11422		12433		13402		14099		14202		14237		12999		10329		12142		149744	
MAX	25.4		26.4		26.0		26.3		27.5		28.7		28.6		30.4		30.2		30.0		27.7		27.1		30.4	
DATE	1996012404		1998021821		1998032004		1997041803		2001052003		1996061401		1996072603		1996082602		1996090103		1996100702		1996110302		1995120501		1996082602	
MIN	20.6		20.1		19.6		20.5		21.8		22.5		23.8		23.1		23.6		24.1		21.2		20.8		19.6	
DATE	1987011304		1981022315		1987030720		1987040107		1987051515		1987060318		1987071310		1986082811		1986090719		1986103019		1986112922		1986121423		1987030720	

(* < 0.05% , # = 100.0%)

STATION: 51001

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

ELEMENT: AIR - SEA TEMPERATURE (DEGREES C) -- POR: (2/1981 - 12/2001) (149106 RECORDS, 96.4% 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
4	1	#	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	#	2	#
3	16	999	1	#	-	-	-	-	-	-	-	-	-	-	11	#	2	#	-	-	8	#	18	999	56	999
2	55	999	13	999	16	#	5	#	-	-	-	-	29	#	131	999	68	999	142	#	222	999	136	998	817	999
1	267	994	304	999	400	999	196	999	114	#	235	#	810	998	893	990	693	995	790	989	401	978	355	987	5458	994
0	2193	970	2294	972	2722	963	2894	982	3349	991	4564	982	4285	940	3485	927	2902	946	1991	928	2033	939	2466	957	35178	958

-1	4230	778	4416	770	5036	723	5763	729	6532	721	7696	641	8152	636	8819	682	9342	743	7790	775	4870	742	5011	751	77657	722
-2	2720	406	2326	380	1836	278	1829	224	1922	196	775	67	675	58	753	60	1051	86	1820	176	1936	271	2267	333	19910	201
-3	1321	167	1363	175	956	116	627	64	426	42	104	9	127	10	91	7	128	13	367	36	618	83	1080	144	7208	67
-4	414	51	487	55	289	31	101	9	85	7	10	1	16	1	10	1	42	4	73	7	178	23	528	54	2233	19
-5	122	14	103	12	45	6	6	1	5	*	2	*	-	-	-	-	7	1	17	2	51	6	95	9	453	4
-6	32	4	35	3	15	2	1	*	-	-	-	-	-	-	-	-	1	*	7	1	12	1	18	2	121	1
-7	9	1	-	-	3	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12	*
-8	1	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	*
MEAN		-1.3		-1.3		-1.1		-1.0		-0.9		-0.6		-0.6		-0.6		-0.7		-0.9		-1.0		-1.2		-0.9
S.D.		1.2		1.2		1.1		0.8		0.8		0.6		0.6		0.7		0.7		0.9		1.1		1.2		0.9
TOTAL		11381		11342		11318		11422		12433		13386		14094		14193		14236		12997		10329		11975		149106
MAX		3.5		3.0		2.0		1.7		1.3		1.1		2.0		3.4		2.7		2.3		3.3		3.7		3.7
DATE		1987010319		1998021821		1987031322		1987040804		1987053019		1987062619		1986072718		1986082811		1986090818		1994103123		1986112119		1986121921		1986121921
MIN		-7.5		-6.2		-6.8		-5.5		-5.2		-4.7		-4.4		-4.3		-5.6		-6.3		-6.4		-6.3		-7.5
DATE		1985013007		1996021913		1998032213		1997042420		1981050216		1987061905		1996072709		1997081621		1991093017		1993102602		1990112412		1990122516		1985013007

(* < 0.05% , # = 100.0%)

STATION: 51001

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

ELEMENT: SEA LEVEL PRESSURE (MILLIBARS) -- POR: (2/1981 - 12/2001) (150334 RECORDS, 97.2% HAVE ELEMENT)

	JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC		ANN	
	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF
1030	-	-	-	-	-	-	3	#	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	#
1029	-	-	-	-	-	-	13	999	-	-	-	-	1	#	-	-	-	-	-	-	-	-	-	-	14	999
1028	3	#	5	#	-	-	19	999	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	27	999
1027	22	999	10	999	9	#	38	997	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	79	999
1026	49	998	19	999	73	999	94	994	10	#	-	-	-	-	-	-	-	-	-	-	-	-	2	#	247	999
1025	96	994	61	997	174	993	241	985	45	999	-	-	-	-	-	-	-	-	-	-	10	#	18	999	645	998
1024	146	985	145	992	444	977	525	964	130	996	5	#	21	999	-	-	-	-	1	#	56	999	124	998	1597	993
1023	257	973	377	979	769	938	805	918	326	985	88	999	87	998	-	-	-	-	10	999	139	994	351	988	3209	983
1022	520	951	671	946	1234	870	1152	848	854	959	528	993	175	992	43	#	14	#	66	999	300	981	708	960	6265	961
1021	779	906	826	888	1431	761	1542	747	1574	890	1407	954	572	980	234	997	99	999	224	994	550	953	918	902	10156	920
1020	1042	839	1019	816	1460	635	1796	612	2245	764	2738	849	1725	939	1084	981	323	992	644	977	955	903	1099	828	16130	852
1019	1229	749	1174	727	1306	506	1625	455	2284	583	3039	645	3000	817	2320	904	1012	969	1364	927	1239	815	1302	739	20894	745
1018	1214	643	1150	625	1211	391	1206	313	1817	399	2436	418	3497	605	3123	741	2001	898	2009	821	1415	700	1331	633	22410	606
1017	1196	539	1053	525	972	284	821	207	1225	253	1585	236	2729	358	3064	521	2863	758	2167	665	1433	570	1203	525	20311	457
1016	1004	436	914	433	742	198	554	135	795	155	901	118	1527	164	2435	306	2942	557	2108	496	1203	438	1102	428	16227	322
1015	802	350	735	354	439	132	372	87	440	91	428	51	543	56	1153	134	2182	350	1553	333	915	327	936	338	10498	214
1014	657	281	681	290	286	94	261	54	310	55	172	19	160	18	496	53	1450	197	1161	212	705	242	727	262	7066	144
1013	552	224	603	230	211	68	176	32	136	30	50	6	45	7	137	18	753	95	684	122	494	177	608	203	4449	97
1012	496	177	531	178	153	50	86	16	76	20	30	3	33	3	68	9	319	42	427	69	434	132	550	154	3203	67
1011	471	134	447	132	96	36	42	9	86	13	5	*	14	1	35	4	142	20	194	36	305	92	373	109	2210	46
1010	357	93	367	93	83	28	23	5	44	7	-	-	1	*	13	1	66	10	90	21	211	64	281	79	1536	31
1009	234	63	257	61	52	20	15	3	27	3	-	-	-	-	5	*	39	5	79	14	154	44	187	56	1049	21
1008	143	43	165	38	60	16	12	2	10	1	-	-	-	-	-	-	18	3	46	7	60	30	148	41	662	14
1007	78	30	80	24	24	11	6	1	-	-	-	-	-	-	-	-	11	1	21	4	76	25	134	29	430	10
1006	76	24	75	17	20	8	-	-	-	-	-	-	-	-	-	-	8	1	24	2	57	18	93	18	353	7
1005	74	17	55	11	30	7	-	-	-	-	-	-	-	-	-	-	-	-	5	*	37	12	60	11	261	4
1004	41	11	19	6	18	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	29	9	37	6	144	3
1003	22	7	7	4	11	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	27	6	22	3	89	2
1002	11	5	9	3	4	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16	4	12	1	52	1
1001	12	4	16	3	4	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13	2	-	-	45	1
1000	10	3	14	1	6	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	1	-	-	32	*
999	12	2	1	*	2	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	1	-	-	20	*
998	13	1	-	-	1	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	*	-	-	16	*
997	3	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	*	-	-	5	*
996	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	*
MEAN		1016.5		1016.6		1018.9		1019.6		1018.7		1018.7		1018.0		1017.3		1016.0		1016.2		1016.4		1016.6		1017.5
S.D.		4.3		4.2		3.5		2.9		2.5		1.8		1.7		1.7		2.0		2.5		3.6		4.0		3.2
TOTAL		11621		11486		11325		11427		12434		13412		14130		14210		14242		12877		10844		12326		150334
MAX		1028.4		1027.8		1026.8		1029.7		1026.4		1024.0		1028.7		1022.4		1022.1		1023.6		1025.3		1025.7		1029.7
DATE		1987012021		1998022121		1998032421		1998040420		1998052209		1987061922		1981071021		2001080222		1997092721		2001103020		1999113021		1981120820		1998040420
MIN		997.2		999.3		998.0		1006.8		1007.5		1010.8		1010.3		1008.5		1005.5		1004.6		996.6		1001.9		996.6
DATE		1991012715		1982021104		1989030215		1982040715		1997052216		1995062704		1982072104		1986081915		1992091203		1994100201		1988110504		1990122517		1988110504

(* < 0.05% , # = 100.0%)

STATION: 51001

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

ELEMENT: AVERAGE WIND SPEED (KNOTS) -- POR: (2/1981 - 12/2001) (149117 RECORDS, 96.4% 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
36	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	#

35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	#	-	-	3	#
34	2	#	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	999	-	-	7	999
33	4	999	-	-	4	#	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	999	1	#	12	999
32	3	999	3	#	2	999	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	999	-	-	13	999
31	10	999	2	999	3	999	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8	999	4	999	27	999
30	18	998	2	999	4	999	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12	998	2	999	38	999
29	30	997	9	999	8	999	3	#	-	-	-	-	-	-	-	-	-	-	1	#	19	997	7	999	77	999
28	27	994	19	999	11	998	8	999	-	-	-	-	-	-	-	-	-	-	3	999	22	995	15	999	105	999
27	39	991	34	997	23	997	12	999	-	-	-	-	4	#	-	-	-	-	4	999	39	993	37	998	192	998
26	68	988	72	994	69	995	30	998	1	#	-	-	1	999	1	#	1	#	5	999	69	989	106	994	423	997
25	77	982	65	987	98	989	30	995	7	999	-	-	1	999	2	999	1	999	10	999	85	983	113	986	489	994
24	108	975	141	982	146	980	42	993	21	999	-	-	13	999	6	999	1	999	19	998	112	975	155	976	764	991
23	145	965	211	969	215	968	90	989	30	998	4	#	27	999	12	999	3	999	38	997	164	965	202	963	1141	986
22	227	952	282	950	279	949	189	981	63	995	9	999	57	997	35	999	20	999	78	994	221	950	311	946	1771	978
21	281	931	346	925	410	924	295	965	137	990	42	999	123	993	88	996	32	998	140	988	319	929	430	920	2643	966
20	336	905	414	894	459	888	428	939	201	979	123	996	322	984	213	990	80	996	266	977	436	900	537	884	3815	948
19	468	875	530	858	675	847	675	901	472	963	333	987	673	961	424	975	203	990	500	957	623	859	741	838	6317	923
18	466	832	525	810	638	788	691	842	619	925	626	962	973	914	689	945	381	976	630	918	657	802	639	776	7534	880
17	498	790	559	764	649	731	799	782	869	875	895	915	1328	845	1031	897	597	949	848	870	762	741	655	722	9490	830
16	570	744	558	714	650	674	989	712	1078	805	1192	848	1663	751	1364	824	882	907	978	804	681	670	686	667	11291	766
15	604	692	636	664	715	617	954	625	1226	719	1553	759	1735	634	1617	728	1166	845	1133	729	693	607	677	610	12709	690
14	614	637	662	608	607	554	1001	542	1130	620	1675	643	1730	511	1651	615	1423	764	1165	642	698	543	695	553	13051	605
13	663	582	738	549	635	500	965	454	1090	529	1586	518	1431	389	1415	498	1431	664	1052	552	739	479	721	494	12466	518
12	785	521	871	483	746	444	960	370	1076	441	1475	399	1313	288	1455	399	1529	563	1149	471	829	410	843	433	13031	434
11	595	450	665	406	622	378	676	286	743	355	911	289	847	195	1033	297	1200	456	897	383	631	334	643	363	9463	347
10	654	396	623	346	630	323	560	227	700	295	737	221	576	135	779	224	1076	372	717	314	549	275	621	308	8222	283
9	624	336	627	291	489	268	442	178	522	239	549	166	389	95	571	169	866	296	577	259	505	225	526	256	6687	228
8	591	279	515	235	449	225	342	139	517	197	384	125	259	67	454	129	825	235	463	215	396	178	488	212	5683	183
7	511	225	473	189	448	185	277	109	479	155	283	96	187	49	342	97	649	177	440	179	357	141	433	171	4879	145
6	451	179	370	147	384	146	222	85	346	117	214	75	145	36	281	73	467	132	406	145	299	108	407	134	3992	112
5	482	138	395	114	458	112	273	65	380	89	284	59	132	25	256	53	436	99	450	114	309	81	380	100	4235	86
4	377	94	283	79	303	71	179	41	267	58	242	38	94	16	184	35	338	69	373	79	191	52	214	68	3045	57
3	282	59	255	54	210	44	138	26	213	37	134	20	63	10	120	22	261	45	255	51	145	34	200	50	2276	37
2	171	34	154	31	164	26	72	14	124	20	66	10	38	5	84	14	174	26	154	31	101	21	160	33	1462	22
1	133	18	122	18	83	11	51	7	78	10	50	5	23	2	62	8	136	14	127	19	79	12	116	20	1060	12
0	67	6	76	7	47	4	34	3	41	3	18	1	11	1	53	4	67	5	121	9	48	4	121	10	704	5
MEAN	12.4		12.9		13.3		13.7		12.5		12.8		14.1		13.0		11.4		12.3		13.7		13.5		12.9	
S.D.	6.0		5.8		5.8		4.7		4.5		3.8		3.5		3.9		4.1		4.8		5.5		5.9		4.9	
TOTAL	10981		11237		11333		11427		12430		13385		14158		14222		14245		12999		10814		11886		149117	
MAX	33.8		32.3		33.4		28.6		25.5		23.3		26.8		25.5		25.7		29.4		35.4		32.7		35.4	
DATE	1997010308		1982021202		1982032205		2000040420		1982050703		1995061518		1982071510		2001081610		1997090500		1990102102		1988110409		1996120707		1988110409	
MIN	0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0	
DATE	2001011714		1999021803		2000031219		1997042019		2000052300		1987062418		1997073118		2001082822		2000092314		2000101407		1998110615		2000122909		2001082822	

(* < 0.05% , # = 100.0%)

STATION: 51001

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

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

ELEMENT: PEAK WIND GUST (KNOTS) -- POR: (2/1981 - 12/2001) (149073 RECORDS, 96.4% 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
47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	#	-	-	1	#
46	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	999	-	-	1	999
45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	999	-	-	1	999
44	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	999	-	-	1	999
43	1	#	2	#	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	999	-	-	5	999
42	4	999	1	999	1	#	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	999	-	-	9	999
41	4	999	1	999	1	999	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	999	-	-	7	999
40	5	999	-	-	4	999	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	999	3	#	13	999
39	6	999	2	999	2	999	1	#	-	-	-	-	-	-	-	-	-	-	-	-	7	999	2	999	20	999
38	3	998	3	999	5	999	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10	998	2	999	23	999
37	15	998	-	-	2	999	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	997	2	999	26	999
36	15	997	3	999	5	999	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11	997	3	999	37	999
35	17	995	10	999	7	998	1	999	-	-	-	-	-	-	-	-	-	-	1	#	22	996	7	999	65	999
34	22	994	14	998	7	998	8	999	-	-	-	-	-	-	-	-	-	-	3	999	26	994	19	998	99	999
33	45	992	31	997	20	997	6	999	-	-	-	-	2	#	1	#	-	-	5	999	29	991	46	997	185	998
32	46	988	36	994	34	995	18	999	-	-	-	-	1	999	1	999	-	-	3	999	38	989	56	993	233	997
31	63	983	61	991	55	992	27	997	3	#	-	-	4	999	-	-	-	-	9	999	58	985	86	988	366	995
30	54	978	70	985	80	987	30	995	6	999	-	-	5	999	5	999	1	#	18	998	66	980	100	981	435	993
29	92	973	122	979	124	980	29	992	15	999	2	#	5	999	10	999	1	999	20	997	119	974	144	973	683	990
28	113	964	134	968	141	969	50	989	23	998	1	999	20	999	12	999	7	999	22	995	117	963	142	960	782	985
27	154	954	209	956	208	957	100	985	38	996	15	999	28	997	16	998	12	999	76	994	180	952	251	948	1287	980
26	267	940	317	938	334	939	217	976	95	993	23	999	105	995	56	997	23	999	99	988	283	935	357	927	2176	971
25	258	916	301	910	351	909	285	957	123	986	53	997	142	988	86	993	39	997	164	980	264	909	395	897	2461	957
24	311	892	370	883	411	878	357	932	179	976	106	993	280	978	170	987	66	994	216	968	381	885	458	864	3305	940
23	317	864	379	850	427	842	427	901	258	961	184	985	390	958	257	975	113	990	275	951	423	849	538	826	3988	918
22	400	835	421	816	558	804	571	864	459	940	381	971	647	931	431	957	234	982	504	930	525	810	556	780	5687	891

21	401	799	446	779	511	755	590	814	535	904	521	943	828	885	594	926	358	965	610	891	524	762	502	733	6420	853
20	486	762	488	739	619	710	795	762	838	860	858	904	1294	826	1010	885	612	940	794	844	696	713	599	691	9089	810
19	583	718	603	696	652	655	911	693	1098	793	1205	840	1635	735	1439	813	909	897	989	783	674	649	658	641	11356	749
18	534	665	533	642	567	598	851	613	1028	705	1281	750	1522	619	1336	712	1015	833	964	707	625	587	621	585	10877	673
17	531	616	579	594	557	548	867	538	990	622	1488	654	1469	512	1403	618	1191	762	948	633	596	529	598	533	11217	600
16	503	568	585	543	511	498	799	463	889	542	1337	543	1283	408	1233	519	1200	678	942	560	581	474	555	483	10418	525
15	611	522	714	491	578	453	800	393	921	471	1280	443	1161	317	1252	433	1282	594	892	487	644	420	640	436	10775	455
14	524	466	619	427	522	402	619	323	722	397	972	347	811	235	938	344	1045	504	787	419	566	360	559	382	8684	383
13	588	419	622	372	611	356	633	268	703	339	855	275	749	178	935	278	1142	431	819	358	566	308	667	335	8890	324
12	695	365	650	317	596	302	538	213	664	282	752	211	551	125	759	212	1014	350	726	295	528	256	572	279	8045	265
11	570	302	561	259	402	250	373	166	518	229	491	155	310	86	510	159	802	279	490	239	443	207	478	231	5948	211
10	533	250	450	209	414	214	301	133	443	187	355	118	239	64	413	123	727	223	417	202	393	166	424	191	5109	171
9	421	201	367	169	391	178	226	107	432	151	262	92	160	47	294	94	578	172	383	170	295	130	371	155	4180	137
8	420	163	344	136	385	143	237	87	341	117	218	72	141	36	283	73	429	131	371	140	286	102	335	124	3790	108
7	337	125	276	106	300	109	200	66	261	89	161	56	102	26	193	53	339	101	323	112	208	76	286	96	2986	83
6	359	94	283	81	325	83	171	49	270	68	174	44	100	19	182	40	325	77	341	87	202	57	227	72	2959	63
5	302	61	268	56	253	54	184	34	261	47	217	31	74	12	153	27	354	54	382	60	165	38	239	52	2852	43
4	174	34	175	32	183	32	91	18	162	26	107	14	39	7	87	16	187	29	174	31	116	23	136	32	1631	24
3	102	18	89	17	105	16	56	10	74	12	34	6	32	4	65	10	123	16	99	18	63	12	110	21	952	13
2	56	9	61	9	44	6	38	5	62	7	29	4	14	2	45	6	70	8	61	10	34	6	57	12	571	7
1	30	4	22	3	18	2	14	2	18	2	19	2	7	1	26	2	30	3	51	5	20	3	45	7	300	3
0	9	1	14	1	9	1	5	*	1	*	4	*	1	*	8	1	10	1	19	1	12	1	36	3	128	1
MEAN	15.5		16.0		16.4		16.6		15.3		15.5		17.0		15.7		13.9		15.1		16.9		16.7		15.9	
S.D.	6.9		6.7		6.7		5.5		5.2		4.3		4.1		4.5		4.6		5.5		6.5		6.8		5.7	
TOTAL	10981		11236		11330		11426		12430		13385		14151		14203		14238		12997		10814		11882		149073	
MAX	42.6		43.2		42.0		39.3		31.3		29.4		32.9		32.9		29.7		35.0		46.5		40.0		46.5	
DATE	1993010513		1982021122		1982032123		2000040409		1993050209		1993062007		2001072010		2001081312		1997090500		1995100112		1990111818		2001121321		1990111818	
MIN	0.0		0.0		0.0		0.0		0.4		0.2		0.0		0.0		0.0		0.0		0.0		0.0		0.0	
DATE	1990010101		1998021821		2000031219		1997042019		1985052415		1989060214		1997073118		2001082822		1997092116		1989101601		1997112609		2000122909		2001082822	

(* < 0.05% , # = 100.0%)

STATION: 51001

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

(HIGHEST 5-SECOND AVERAGE DURING PAST HOUR)

ELEMENT: HOURLY PEAK WIND GUST (KNOTS) -- POR: (8/2001 - 12/2001) (2909 RECORDS, 16.6% HAVE ELEMENT)

	JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC		ANN	
	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF
39	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	#	1	#	2	#
38	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999
37	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	#	1	999	-	-	2	999
36	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999
35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	997	2	999	3	999
34	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	996	3	996	5	998
33	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	999	9	993	12	992	22	996
32	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	997	-	-	14	976	18	988
31	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	992	7	981	10	957	23	982
30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	#	8	984	4	971	19	943	32	974
29	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	999	16	973	6	965	16	918	39	963
28	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	997	18	951	12	957	41	896	73	950
27	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	994	21	927	16	940	39	841	80	925
26	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	989	41	899	29	918	65	788	138	897
25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	984	42	844	25	877	69	700	141	850
24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14	977	43	787	45	843	75	607	177	801
23	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	18	958	70	729	45	780	55	506	188	740
22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	34	932	64	635	72	717	47	432	217	676
21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	#	48	884	50	549	43	617	43	368	185	601
20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	53	816	44	481	26	557	40	310	163	538
19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	108	741	61	422	28	521	47	256	244	482
18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	65	588	38	340	18	482	21	193	142	398
17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	75	496	36	288	25	457	31	165	167	349
16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	74	390	27	240	22	422	23	123	146	292
15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	65	286	37	204	28	391	8	92	138	241
14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	53	194	29	154	27	352	12	81	121	194
13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	25	119	15	115	28	315	6	65	74	152
12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	24	83	18	94	30	276	10	57	82	127
11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14	50	4	70	39	234	4	43	61	99
10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14	30	10	65	34	180	6	38	64	78
9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	10	13	51	16	132	5	30	40	56
8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	18	34	19	110	2	23	40	42
7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	9	25	84	8	20	39	28
6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	22	49	6	9	28	15
5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	10	18	1	1	12	5
4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	4	-	-	2	1
3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	1	*
2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	*
MEAN	-		-		-		-		-		-		-		21.2		17.4		20.1		17.8		22.5		19.5	
S.D.	-		-		-		-		-		-		-		0.0		3.5		5.4		6.9		5.5		5.8	

TOTAL	-	-	-	-	-	-	-	1	707	742	718	741	2909
MAX	-	-	-	-	-	-	-	21.2	30.3	36.7	38.9	38.5	38.9
DATE	-	-	-	-	-	-	-	2001083123	2001092605	2001102906	2001112611	2001121320	2001112611
MIN	-	-	-	-	-	-	-	21.2	8.4	4.9	2.7	5.2	2.7
DATE	-	-	-	-	-	-	-	2001083123	2001091700	2001102505	2001112306	2001122418	2001112306

(* < 0.05% , # = 100.0%)

STATION: 51001

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

ELEMENT: SIGNIFICANT WAVE HEIGHT (METERS) -- POR: (2/1981 - 12/2001) (142717 RECORDS, 92.2% 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
13.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	#
12.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	#	-	-	1	#
12.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999
11.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999
11.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999
10.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	999	-	-	1	999
10.0	2	#	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	999	-	-	3	999
9.5	1	999	2	#	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	999	-	-	4	999
9.0	2	999	7	999	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	#	3	999	1	#	14	999
8.5	8	999	2	999	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	999	-	-	13	999
8.0	12	999	10	999	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	999	4	999	32	999
7.5	27	998	14	998	3	#	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15	998	9	999	68	999
7.0	37	996	22	997	2	999	1	#	-	-	-	-	-	-	-	-	-	-	-	-	36	997	25	999	123	999
6.5	93	992	56	995	14	999	3	999	-	-	-	-	-	-	-	-	-	-	1	999	77	993	44	997	288	998
6.0	124	984	98	990	33	998	13	999	-	-	-	-	-	-	-	-	-	-	6	999	124	985	115	993	513	996
5.5	232	974	184	982	91	995	19	999	-	-	-	-	-	-	-	-	1	#	8	999	184	973	203	984	922	993
5.0	437	954	391	965	221	987	62	997	2	#	-	-	-	-	-	-	3	999	15	999	214	954	395	967	1740	986
4.5	679	916	637	931	439	968	149	991	8	999	-	-	-	-	1	#	11	999	49	997	353	932	720	934	3046	974
4.0	1090	858	1108	876	834	929	323	978	35	999	3	#	3	#	10	999	19	999	105	993	700	896	1236	875	5466	953
3.5	1694	764	1668	779	1445	855	939	950	167	996	36	999	56	999	76	999	81	997	361	983	1084	824	2001	773	9608	914
3.0	2428	618	2508	633	2347	727	1976	868	1030	983	396	997	614	995	310	993	470	991	1129	951	1737	714	2351	608	17296	847
2.5	2359	409	2637	414	3028	518	3237	694	2849	899	1943	967	2705	947	2013	970	1866	954	3335	850	2583	536	2403	413	30958	726
2.0	1658	206	1672	184	2070	250	3395	410	4285	668	5386	819	5805	732	5641	815	5036	809	4228	551	1928	272	1936	215	43040	509
1.5	710	63	427	37	631	66	1234	112	3450	321	4880	409	3075	272	4427	383	4937	417	1862	171	718	75	637	55	26988	207
1.0	19	2	2	*	109	10	42	4	502	41	485	37	349	28	572	44	409	32	48	4	16	2	26	3	2579	18
0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	*
0.0	-	-	-	-	2	*	-	-	-	-	-	-	3	*	2	*	1	*	-	-	-	-	6	*	14	*
MEAN	3.1		3.1		2.8		2.5		2.0		1.9		2.0		1.9		1.9		2.3		2.9		3.1		2.4	
S.D.	1.1		1.0		0.9		0.7		0.5		0.4		0.4		0.4		0.4		0.6		1.1		1.0		0.9	
TOTAL	11612		11445		11269		11393		12328		13129		12610		13052		12834		11148		9785		12112		142717	
MAX	10.1		9.5		7.7		6.8		5.0		4.2		3.9		4.3		5.5		9.1		12.3		9.2		12.3	
DATE	1985011420		1986022308		1984030511		1997040212		1995050619		2001062612		2001073120		1991080909		1995092205		2000101409		1988110504		1998123123		1988110504	
MIN	1.1		1.2		0.0		1.1		0.8		0.9		0.0		0.0		0.0		1.1		1.1		0.0		0.0	
DATE	2000010412		1989021412		2001033107		1999042201		1992053121		1992060319		2001073021		2001082508		2000090309		1992102001		1981110106		2000121618		2001082508	

(* < 0.05% , # = 100.0%)

STATION: 51001

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

ELEMENT: AVERAGE WAVE PERIOD (SECONDS) -- POR: (2/1981 - 12/2001) (142706 RECORDS, 92.2% 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
18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	#
17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	#	1	#
16	1	#	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	#	4	#	3	999	9	999
15	9	999	4	#	1	#	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	999	22	999	42	999
14	52	999	24	999	13	999	1	#	-	-	-	-	-	-	-	-	2	#	3	999	7	999	30	998	132	999
13	132	995	74	998	57	999	1	999	-	-	-	-	-	-	-	-	13	999	7	999	36	998	89	995	409	999
12	245	983	197	991	108	994	18	999	-	-	-	-	-	-	-	-	11	999	35	999	70	995	186	988	870	996
11	506	962	490	974	200	984	75	998	8	#	-	-	1	#	2	#	37	998	43	996	195	987	372	973	1929	990
10	1217	919	964	931	561	966	107	992	63	999	9	#	8	999	21	999	111	995	208	992	441	968	763	942	4473	976
9	1707	814	1811	847	1140	917	341	982	222	994	61	999	38	999	54	998	359	986	553	973	829	922	1539	879	8654	945
8	2363	667	2400	689	2370	815	1149	952	640	976	312	995	117	996	448	994	1027	958	1238	924	1908	838	2640	752	16612	884
7	3172	463	2968	479	3840	605	3731	851	2180	924	1440	971	754	987	1236	960	2518	878	2613	813	3340	643	4074	534	31866	768
6	1924	190	2217	220	2695	264	5157	524	6816	747	6734	861	7933	927	6791	865	5723	682	5264	578	2742	301	2106	198	56102	545
5	279	24	294	26	282	25	811	71	2387	195	4503	348	3706	297	4464	345	3029	236	1180	106	206	21	263	24	21404	151
4	5	*	2	*	-	-	2	*	12	1	70	5	38	3	34	3	4	*	3	*	1	*	18	2	189	1
3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	*
2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	*
1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	*
0	-	-	-	-	2	*	-	-	-	-	-	-	3	*	2	*	1	*	-	-	-	-	6	*	14	*

MEAN	7.9	7.8	7.4	6.6	6.1	5.8	5.7	5.8	6.2	6.6	7.3	7.7	6.7
S.D.	1.7	1.6	1.4	1.0	0.9	0.7	0.6	0.7	1.1	1.1	1.4	1.6	1.4
TOTAL	11612	11445	11269	11393	12328	13129	12598	13052	12835	11148	9785	12112	142706
MAX	16.4	14.9	14.5	13.5	11.2	10.4	10.8	10.6	14.2	15.6	16.4	17.3	17.3
DATE	1987012606	2000021221	1987031109	1993041621	1981052720	1989060316	1996072408	1997081415	1995092205	2000101409	1989110212	1985122111	1985122111
MIN	4.3	4.4	0.0	4.3	4.1	4.2	0.0	0.0	0.0	4.4	4.4	0.0	0.0
DATE	1982010520	1992021009	2001033107	1984042523	1981050718	1984062904	2001073021	2001082508	2000090309	1981101214	1981110105	2000121618	2001082508

(* < 0.05% , # = 100.0%)

STATION: 51001

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

ELEMENT: DOMINANT WAVE PERIOD (SECONDS) -- POR: (2/1981 - 12/2001) (142688 RECORDS, 92.2% HAVE ELEMENT)

	JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC		ANN	
	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF
25	24	#	25	#	29	#	1	#	-	-	-	-	5	#	1	#	1	#	4	#	5	#	29	#	124	#
24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999
23	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999
22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999
21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999
20	272	998	348	998	286	997	32	999	7	#	4	#	32	999	7	999	76	999	100	999	136	999	328	998	1628	999
19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	988
18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	988
17	1372	975	1366	967	972	972	405	997	159	999	240	999	216	997	206	999	353	994	362	991	680	986	1429	971	7760	988
16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	933
15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	933
14	3044	856	2711	848	2111	886	1135	962	664	987	630	981	460	980	677	984	943	966	997	958	1578	916	2446	853	17396	933
13	2714	594	2572	611	2338	698	1312	862	1028	933	593	933	380	943	720	932	1227	893	1723	869	1761	755	2401	651	18769	811
12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	680
11	1598	360	1536	386	1583	491	1273	747	1135	849	633	888	341	913	517	877	1276	797	1467	714	1464	575	1677	452	14500	680
10	979	223	1317	252	1394	351	1861	635	1430	757	903	840	574	886	899	837	1501	698	1341	583	1269	425	1590	314	15058	578
9	646	138	714	137	1111	227	2140	472	2399	641	2582	771	2103	841	2092	768	1961	581	1764	462	1391	296	1224	182	20127	473
8	638	83	601	75	1120	128	2413	284	3628	447	5035	574	6044	674	5003	608	3637	428	2576	304	1161	153	725	81	32581	332
7	184	28	175	22	260	29	688	72	1427	152	1680	191	1877	194	2025	224	1279	145	540	73	228	35	154	22	10517	103
6	123	12	64	7	58	6	122	12	426	37	736	63	521	45	853	69	501	45	235	24	96	11	62	9	3797	30
5	16	1	14	1	5	1	11	1	24	2	86	7	36	3	47	4	74	6	38	3	16	2	31	4	398	3
4	-	-	-	-	-	-	-	-	-	-	2	*	1	*	3	*	5	*	-	-	-	-	8	1	19	*
3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	*
2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	*
1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	*
0	-	-	-	-	2	*	-	-	-	-	-	-	3	*	2	*	1	*	-	-	-	-	6	*	14	*
MEAN	12.7		12.6		12.0		10.3		9.4		8.9		8.7		8.9		9.7		10.4		11.4		12.3		10.5	
S.D.	2.8		2.9		3.0		2.5		2.2		2.2		2.1		2.2		2.6		2.6		2.8		3.0		3.0	
TOTAL	11610		11443		11269		11393		12327		13124		12593		13052		12835		11147		9785		12110		142688	
MAX	25.0		25.0		25.0		25.0		20.0		20.0		25.0		25.0		25.0		25.0		25.0		25.0		25.0	
DATE	2001013113		2000021913		2000032406		1987042202		1993053113		1988060121		1996072312		1999080408		1991091312		2000102208		2001110806		2000122903		2001110806	
MIN	4.5		4.5		0.0		5.0		4.5		4.3		0.0		0.0		0.0		4.5		4.5		0.0		0.0	
DATE	1985012514		1982020506		2001033107		1997041004		1995050603		1998060612		2001073021		2001082508		2000090309		1990102018		1995110909		2000121618		2001082508	

(* < 0.05% , # = 100.0%)

ELEMENT SUMMARY FOR STATION: 51001
(A) TOTAL STDMET RECORDS READ = 154720
(B) TOTAL CWIND RECORDS READ = 17568
(C) TOTAL RECORDS USED IN STATS = 172288

	AIR TMP	SEA TMP	AIR-SEA	DEWPT	SLP	AVWS	PKGS-8M	PKGS-5S	SIGWVHT	AVWVPD	DWVPD	VSBY
(D) ELEMENT RECORDS AVAILABLE	149674	149744	149106	0	150334	149117	149073	2909	142717	142706	142688	0
(E) ELEMENT OUT OF RANGE	5046	4976	5614	154720	4386	5603	5647	14659	12003	12014	12032	154720

STATION: 51001 -- POR (2/1981 - 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	-	21.7	21.6	22.5	23.3	24.8	25.3	26.1	26.3	25.5	24.2	22.9	23.9
	MAXIMUM	-	24.3	23.7	25.1	25.8	26.4	26.5	27.0	27.4	27.0	25.4	24.7	27.4
	DAY-HR	-	17-04	27-04	27-04	27-04	29-04	21-04	27-04	22-04	12-03	21-03	01-02	SEP
	MINIMUM	-	19.3	18.1	19.5	18.7	23.0	23.2	23.9	23.8	22.3	20.3	18.7	18.1
	DAY-HR	-	18-18	17-14	05-12	02-16	09-15	13-16	19-04	08-18	26-20	23-01	25-02	MAR
	# OBS	-	355	739	718	741	532	394	309	710	716	719	735	6668
1982	MEAN	22.1	22.2	21.6	22.3	23.5	24.9	25.7	26.2	26.4	-	-	-	23.9

	MAXIMUM	24.5	24.6	24.0	25.5	24.6	26.5	26.7	27.2	27.9	-	-	-	27.9
	DAY-HR	01-03	17-20	17-03	19-04	19-04	20-04	31-23	26-04	15-01	-	-	-	SEP
	MINIMUM	17.6	18.8	17.8	19.0	20.6	22.2	23.6	24.0	24.3	-	-	-	17.6
	DAY-HR	21-08	18-05	06-00	23-19	15-04	03-16	15-10	05-19	01-11	-	-	-	JAN
	# OBS	741	668	731	720	742	719	743	740	713	-	-	-	6517
1983	MEAN	-	-	-	-	-	24.2	24.6	-	-	-	-	23.1	23.9
	MAXIMUM	-	-	-	-	-	25.2	25.2	-	-	-	-	26.6	26.6
	DAY-HR	-	-	-	-	-	18-03	13-05	-	-	-	-	07-03	DEC
	MINIMUM	-	-	-	-	-	22.1	22.9	-	-	-	-	18.8	18.8
	DAY-HR	-	-	-	-	-	21-18	01-06	-	-	-	-	15-09	DEC
	# OBS	-	-	-	-	-	715	330	-	-	-	-	623	1668
1984	MEAN	22.9	22.3	23.2	23.3	24.6	25.1	25.9	26.2	26.3	26.1	25.2	23.6	24.4
	MAXIMUM	24.6	25.6	25.0	24.8	25.6	26.2	27.1	27.5	27.4	27.4	26.8	25.6	27.5
	DAY-HR	02-02	12-04	18-04	25-04	30-04	30-04	10-04	21-03	23-04	21-00	03-03	06-03	AUG
	MINIMUM	19.7	18.8	20.4	19.9	22.6	22.7	24.0	23.8	24.0	22.0	21.7	20.0	18.8
	DAY-HR	04-22	06-00	04-19	26-10	17-16	24-01	22-07	18-16	17-13	29-19	27-05	26-19	FEB
	# OBS	741	694	737	717	739	410	233	486	716	744	695	742	7654
1985	MEAN	22.4	22.2	22.1	21.9	22.8	24.5	25.1	25.7	25.8	25.4	23.7	22.4	23.7
	MAXIMUM	24.7	24.2	23.5	23.6	24.4	26.7	26.2	27.7	27.2	26.8	25.7	25.2	27.7
	DAY-HR	14-03	08-02	03-05	27-23	27-04	17-04	20-04	20-04	17-03	22-00	02-03	05-03	AUG
	MINIMUM	16.6	18.7	18.7	17.7	18.8	21.2	22.0	22.8	23.4	21.9	20.6	19.3	16.6
	DAY-HR	30-07	01-18	02-18	03-01	20-04	04-18	02-18	17-03	11-14	16-12	29-16	25-17	JAN
	# OBS	739	672	741	718	744	717	742	744	718	744	720	744	8743
1986	MEAN	21.8	21.7	21.3	-	-	24.8	25.5	26.2	26.6	26.0	24.7	23.1	24.5
	MAXIMUM	23.6	23.8	23.3	-	-	25.8	26.9	28.2	28.8	28.2	26.3	25.3	28.8
	DAY-HR	17-03	22-03	01-03	-	-	19-04	25-21	25-04	30-03	03-03	05-02	25-03	SEP
	MINIMUM	19.3	17.4	19.8	-	-	21.7	23.3	22.6	22.6	22.0	21.2	20.0	17.4
	DAY-HR	17-12	25-11	02-17	-	-	28-13	20-07	12-14	28-13	24-21	12-16	06-16	FEB
	# OBS	744	670	40	-	-	304	743	743	720	742	694	742	6142
1987	MEAN	21.7	20.9	21.2	21.9	21.9	23.7	25.3	26.6	26.5	25.9	25.5	-	23.5
	MAXIMUM	25.2	23.6	23.5	24.9	24.5	25.7	26.9	29.2	28.0	27.4	25.8	-	29.2
	DAY-HR	05-03	08-04	24-04	08-04	31-01	25-05	25-02	24-04	05-03	18-03	01-03	-	AUG
	MINIMUM	18.6	17.7	17.9	18.5	18.7	18.8	22.5	23.0	22.5	22.2	25.3	-	17.7
	DAY-HR	27-15	25-00	04-15	28-15	15-11	19-05	09-13	06-15	21-19	12-08	01-12	-	FEB
	# OBS	740	669	743	719	743	717	744	743	680	483	6	-	6987
1988	MEAN	-	-	22.4	23.1	24.2	25.5	25.8	26.1	26.5	25.8	25.2	24.2	25.0
	MAXIMUM	-	-	24.4	24.7	25.6	26.6	26.6	27.0	27.5	28.4	26.5	26.2	28.4
	DAY-HR	-	-	30-04	21-04	04-22	29-05	29-03	30-03	15-04	01-03	06-21	09-02	OCT
	MINIMUM	-	-	18.5	20.6	21.0	23.2	22.9	24.0	23.9	23.2	20.0	19.7	18.5
	DAY-HR	-	-	14-22	04-13	10-18	09-14	01-00	23-08	23-14	17-06	04-09	18-13	MAR
	# OBS	-	-	525	718	742	719	742	738	718	744	718	743	7107
1989	MEAN	23.5	22.6	22.6	-	23.6	24.8	25.2	25.6	25.7	25.6	24.1	22.7	24.6
	MAXIMUM	25.0	24.8	24.0	-	24.8	26.2	26.3	27.2	26.9	27.3	26.5	24.9	27.3
	DAY-HR	01-04	18-00	02-15	-	29-04	24-02	16-23	11-03	15-03	16-03	10-03	09-02	OCT
	MINIMUM	18.4	19.7	21.3	-	21.6	23.0	21.5	22.5	23.4	20.9	19.5	19.3	18.4
	DAY-HR	29-15	02-15	01-03	-	09-04	01-08	23-03	18-20	21-13	22-18	16-17	25-12	JAN
	# OBS	306	224	22	-	604	716	741	736	715	744	719	741	6268
1990	MEAN	22.7	21.0	21.6	22.4	22.7	24.5	25.0	25.9	26.4	26.0	24.6	23.2	24.0
	MAXIMUM	24.2	23.4	24.7	24.9	24.2	25.5	26.2	26.8	27.4	27.0	27.0	25.6	27.4
	DAY-HR	07-19	06-03	23-04	26-04	31-01	29-04	31-23	26-05	22-04	01-03	08-03	02-02	SEP
	MINIMUM	18.7	18.4	17.6	19.0	20.9	22.4	22.3	24.2	23.3	23.1	19.2	17.9	17.6
	DAY-HR	15-00	27-09	01-01	27-14	17-14	23-23	11-15	09-18	28-13	27-19	24-12	25-16	MAR
	# OBS	401	467	743	711	739	716	740	743	714	738	717	744	8173
1991	MEAN	22.4	22.4	21.7	22.7	23.6	24.4	25.7	26.2	26.4	26.2	-	23.3	24.0
	MAXIMUM	24.4	24.9	24.7	24.2	25.5	25.6	26.9	27.1	27.8	27.9	-	25.4	27.9
	DAY-HR	16-03	18-03	23-04	28-04	18-05	27-03	27-01	27-02	28-04	12-03	-	15-23	OCT
	MINIMUM	19.6	18.9	18.8	20.4	21.1	20.2	23.7	24.0	21.7	21.0	-	20.6	18.8
	DAY-HR	25-07	25-15	04-11	21-21	05-14	03-17	03-18	19-13	30-17	15-14	-	20-04	MAR
	# OBS	742	672	742	719	744	718	742	738	719	354	-	477	7367
1992	MEAN	22.3	21.1	22.0	22.2	23.1	25.1	25.5	26.1	26.2	25.5	24.0	23.7	24.0
	MAXIMUM	25.4	23.4	24.2	24.6	26.6	27.6	26.8	26.8	27.5	27.7	26.6	25.2	27.7
	DAY-HR	08-02	20-03	31-04	21-03	31-05	02-03	25-22	25-04	14-04	04-04	18-20	09-02	OCT
	MINIMUM	18.6	18.5	19.6	19.8	20.5	22.7	22.7	23.6	23.6	22.0	20.3	19.3	18.5
	DAY-HR	14-17	07-00	03-14	01-17	05-20	17-08	16-02	08-11	28-14	09-05	28-03	16-14	FEB
	# OBS	739	687	280	718	743	717	741	741	720	739	715	738	8278
1993	MEAN	21.6	21.5	21.5	23.0	23.5	25.0	25.5	26.0	26.1	25.2	23.6	22.7	23.8
	MAXIMUM	24.2	24.2	24.2	24.8	25.0	26.2	26.9	27.0	28.7	27.3	25.9	24.6	28.7
	DAY-HR	29-02	28-04	25-04	18-04	31-04	16-05	16-02	22-19	22-04	02-04	01-03	27-03	SEP
	MINIMUM	17.1	18.6	18.0	20.2	20.7	22.5	23.0	23.7	22.2	19.8	20.3	20.2	17.1
	DAY-HR	06-13	06-15	14-18	02-14	22-22	23-18	17-19	11-12	29-04	26-02	27-15	22-23	JAN
	# OBS	736	633	731	716	742	718	738	742	716	738	718	743	8671
1994	MEAN	21.3	22.1	22.9	-	-	25.0	27.1	27.7	27.7	27.8	25.5	23.4	25.3

	MAXIMUM	23.7	24.0	24.1	-	-	25.8	27.9	28.6	29.1	29.3	28.9	25.1	29.3
	DAY-HR	27-03	28-03	02-03	-	-	16-18	30-18	25-01	03-04	04-04	01-20	25-02	OCT
	MINIMUM	17.8	19.7	20.3	-	-	23.1	25.5	24.7	25.6	24.7	21.7	19.7	17.8
	DAY-HR	16-21	12-17	03-16	-	-	10-19	12-17	05-13	15-19	19-09	17-16	26-08	JAN
	# OBS	742	654	121	-	-	341	478	741	715	740	701	557	5790
1995	MEAN	22.9	21.9	22.2	22.1	23.2	24.7	25.5	25.7	26.0	25.7	24.8	24.8	24.1
	MAXIMUM	25.2	24.1	24.1	24.6	25.4	27.1	26.5	26.6	27.6	26.9	26.6	26.4	27.6
	DAY-HR	29-01	17-22	24-04	09-04	23-04	28-05	21-04	09-00	20-04	04-03	04-00	05-03	SEP
	MINIMUM	19.9	18.5	19.7	18.9	19.5	21.8	23.2	23.2	23.5	22.1	21.9	19.2	18.5
	DAY-HR	31-06	14-11	02-19	29-19	03-16	01-17	21-16	15-22	14-17	28-06	08-02	31-21	FEB
	# OBS	738	672	742	712	740	716	739	740	716	739	715	742	8711
1996	MEAN	23.3	21.5	21.2	-	-	26.3	26.4	27.1	27.3	26.7	24.4	23.0	25.1
	MAXIMUM	25.5	25.2	22.1	-	-	27.4	27.8	28.9	29.2	28.5	27.5	26.1	29.2
	DAY-HR	24-04	06-03	02-21	-	-	16-02	29-05	27-05	01-04	07-04	03-01	02-20	SEP
	MINIMUM	19.5	17.4	18.8	-	-	23.3	23.2	24.1	25.2	23.6	21.2	18.8	17.4
	DAY-HR	09-18	19-13	02-06	-	-	23-13	27-09	10-17	08-12	31-23	10-11	23-02	FEB
	# OBS	737	688	33	-	-	429	837	790	717	576	693	740	6240
1997	MEAN	21.5	22.9	22.7	22.9	22.1	25.1	25.9	26.7	27.0	26.7	23.9	-	24.3
	MAXIMUM	24.3	24.7	24.9	25.4	24.1	26.4	27.9	27.8	28.5	28.1	25.6	-	28.5
	DAY-HR	28-21	21-04	22-23	22-02	29-02	29-21	31-04	16-04	23-04	10-01	17-04	-	SEP
	MINIMUM	17.6	19.8	19.4	19.1	18.7	22.7	23.3	23.3	23.5	24.4	21.5	-	17.6
	DAY-HR	03-05	23-15	18-13	24-20	10-19	03-15	01-22	16-21	05-00	14-05	19-00	-	JAN
	# OBS	738	659	739	715	740	715	738	739	720	603	60	-	7166
1998	MEAN	-	22.0	22.6	22.1	22.4	23.8	24.4	25.2	25.4	25.1	24.6	23.5	23.9
	MAXIMUM	-	29.4	25.1	23.4	24.0	24.5	25.6	26.2	26.2	26.3	27.0	25.0	29.4
	DAY-HR	-	18-21	20-04	26-01	30-23	26-21	28-04	23-22	24-03	04-01	07-03	20-02	FEB
	MINIMUM	-	19.3	17.4	18.4	19.7	21.5	22.0	22.3	22.2	22.5	22.5	19.1	17.4
	DAY-HR	-	21-18	22-13	29-16	23-17	02-19	13-17	08-19	21-06	29-16	17-01	28-13	MAR
	# OBS	-	243	719	685	717	694	741	785	681	744	720	734	7463
1999	MEAN	22.7	22.5	22.6	22.9	24.3	24.5	25.0	25.5	25.5	25.2	24.6	23.4	24.1
	MAXIMUM	24.6	24.7	23.9	24.3	25.7	25.5	25.8	26.4	26.4	27.6	25.8	24.9	27.6
	DAY-HR	06-03	18-04	08-04	22-04	23-05	30-04	28-02	05-04	18-22	15-03	05-03	25-21	OCT
	MINIMUM	19.5	20.2	20.0	20.8	21.7	22.0	22.5	22.4	22.6	19.9	21.8	18.8	18.8
	DAY-HR	08-19	04-14	18-12	17-04	03-09	07-10	17-13	31-15	20-23	19-17	20-14	26-15	DEC
	# OBS	732	660	721	719	742	718	740	736	715	734	585	248	8050
2000	MEAN	22.5	23.0	23.3	22.5	24.2	25.1	25.4	25.8	25.9	25.8	24.7	23.7	24.4
	MAXIMUM	24.3	24.2	25.0	23.8	26.0	26.1	28.2	26.7	27.7	27.2	25.9	25.1	28.2
	DAY-HR	04-03	14-22	12-19	29-04	18-04	28-05	27-17	22-02	22-02	01-04	06-03	04-21	JUL
	MINIMUM	19.6	20.1	18.5	18.6	21.3	21.9	22.3	23.8	22.2	23.6	22.2	20.6	18.5
	DAY-HR	26-12	16-04	31-17	09-02	01-18	26-14	07-09	11-16	11-01	25-15	02-21	11-12	MAR
	# OBS	327	692	736	703	730	656	732	741	702	634	231	439	7323
2001	MEAN	23.7	22.7	22.8	23.1	23.9	24.8	25.5	25.6	26.0	25.3	24.2	23.7	24.3
	MAXIMUM	25.3	24.7	24.6	24.3	27.9	25.6	27.9	28.0	26.9	26.3	25.5	25.0	28.0
	DAY-HR	09-03	02-04	28-02	07-05	31-04	01-00	04-04	28-22	17-07	09-00	26-06	04-03	AUG
	MINIMUM	21.4	19.5	19.5	19.7	21.0	21.6	22.1	22.9	23.4	22.7	19.0	19.9	19.0
	DAY-HR	01-17	05-10	30-22	25-13	08-00	01-12	20-17	05-17	14-17	29-21	27-00	31-01	NOV
	# OBS	738	664	738	716	741	711	736	725	716	742	718	743	8688
POR	MEAN	22.4	22.0	22.2	22.6	23.4	24.7	25.5	26.1	26.3	25.8	24.5	23.4	24.2
	MAXIMUM	25.5	29.4	25.1	25.5	27.9	27.6	28.2	29.2	29.2	29.3	28.9	26.6	29.4
	YEAR	1996	1998	1998	1982	2001	1992	2000	1987	1996	1994	1994	1983	FEB/1998
	MINIMUM	16.6	17.4	17.4	17.7	18.7	18.8	21.5	22.3	21.7	19.8	19.0	17.9	16.6
	YEAR	1985	1996	1998	1985	1997	1987	1989	1998	1991	1993	2001	1990	JAN/1985
	# OBS	11381	11343	11323	11424	12433	13398	14114	14200	14241	12998	10844	11975	149674

STATION: 51001 -- POR (2/1981 - 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	-	21.9	22.5	23.6	24.2	25.4	26.0	26.8	27.0	26.4	25.1	23.9	24.7
	MAXIMUM	-	23.6	23.9	25.1	26.7	27.4	26.5	27.4	27.8	28.0	26.4	24.5	28.0
	DAY-HR	-	17-03	20-02	27-03	27-01	24-02	31-23	27-02	16-02	12-03	01-01	01-05	OCT
	MINIMUM	-	20.1	21.0	22.1	23.3	24.8	25.6	26.5	26.7	25.7	24.4	23.5	20.1
	DAY-HR	-	23-15	04-12	13-16	07-17	08-21	12-06	20-19	10-15	29-20	29-19	27-19	FEB
	# OBS	-	405	739	718	741	535	381	309	710	717	719	735	6709
1982	MEAN	23.4	24.0	23.1	23.1	24.2	25.9	26.3	26.8	27.1	-	-	-	24.9
	MAXIMUM	24.6	24.9	24.4	24.9	25.1	27.7	27.0	27.2	28.4	-	-	-	28.4
	DAY-HR	31-23	01-02	03-02	20-01	27-02	19-02	31-01	09-07	15-03	-	-	-	SEP
	MINIMUM	22.8	23.4	22.5	21.9	23.4	24.6	25.7	26.3	26.6	-	-	-	21.9

	DAY-HR	26-12	26-20	27-22	10-13	17-10	01-08	19-18	17-18	27-07	-	-	-	APR
	# OBS	741	668	731	720	742	719	743	740	713	-	-	-	6517
1983	MEAN	-	-	-	-	-	24.9	25.0	-	-	-	-	24.6	24.8
	MAXIMUM	-	-	-	-	-	25.3	25.5	-	-	-	-	26.5	26.5
	DAY-HR	-	-	-	-	-	30-04	03-02	-	-	-	-	07-02	DEC
	MINIMUM	-	-	-	-	-	24.5	24.8	-	-	-	-	23.8	23.8
	DAY-HR	-	-	-	-	-	02-19	11-17	-	-	-	-	31-23	DEC
	# OBS	-	-	-	-	-	716	330	-	-	-	-	623	1669
1984	MEAN	23.8	23.4	23.8	24.0	25.2	25.6	26.6	27.1	27.2	27.3	26.3	24.9	25.3
	MAXIMUM	24.7	25.7	25.1	24.8	27.2	26.2	27.9	28.8	29.1	28.6	27.3	26.0	29.1
	DAY-HR	12-02	12-04	19-03	14-07	12-04	30-04	12-01	21-03	23-02	17-03	01-00	06-02	SEP
	MINIMUM	23.5	22.5	22.8	23.0	24.3	25.1	25.9	26.4	26.9	26.5	25.5	23.9	22.5
	DAY-HR	17-19	24-18	02-21	05-18	06-18	01-17	01-16	03-16	16-13	29-15	29-18	31-11	FEB
	# OBS	742	694	737	717	739	410	233	492	716	744	695	742	7661
1985	MEAN	24.0	23.9	23.1	22.9	23.9	25.4	25.9	26.6	26.9	26.3	25.2	23.6	24.8
	MAXIMUM	24.6	24.5	24.2	24.0	25.0	26.9	27.0	28.2	27.8	27.0	25.9	24.5	28.2
	DAY-HR	04-03	23-02	02-17	30-23	25-02	17-04	14-02	20-04	25-00	22-04	02-03	06-23	AUG
	MINIMUM	23.4	23.5	22.0	22.2	23.4	23.8	25.6	26.0	26.5	25.6	23.9	22.5	22.0
	DAY-HR	15-19	14-19	14-18	10-20	26-12	01-20	11-17	07-20	27-20	31-23	30-21	27-20	MAR
	# OBS	740	672	741	718	744	717	742	744	718	744	720	744	8744
1986	MEAN	23.0	22.6	22.4	-	-	24.9	25.2	25.5	26.3	26.1	24.3	22.7	24.5
	MAXIMUM	23.8	23.6	22.7	-	-	25.9	27.1	28.4	28.6	28.5	26.4	24.4	28.6
	DAY-HR	11-01	10-04	01-00	-	-	22-04	25-04	25-01	28-02	10-02	09-01	05-01	SEP
	MINIMUM	22.3	21.7	22.3	-	-	24.0	23.9	23.1	23.6	24.1	21.2	20.8	20.8
	DAY-HR	06-11	27-18	02-17	-	-	27-19	06-15	28-11	07-19	30-19	29-22	14-23	DEC
	# OBS	744	670	40	-	-	304	743	743	720	742	694	742	6142
1987	MEAN	22.2	21.8	21.5	22.4	22.9	23.6	25.4	27.2	26.9	26.3	26.2	-	23.9
	MAXIMUM	24.5	23.1	22.8	24.4	24.2	25.6	27.1	30.1	28.3	27.3	26.4	-	30.1
	DAY-HR	06-02	08-04	24-02	12-00	22-01	26-01	25-03	24-05	05-03	18-03	01-03	-	AUG
	MINIMUM	20.6	20.3	19.6	20.5	21.8	22.5	23.8	25.6	25.9	25.6	25.9	-	19.6
	DAY-HR	13-04	23-18	07-20	01-07	15-15	03-18	13-10	02-16	26-12	03-04	01-15	-	MAR
	# OBS	740	669	743	719	743	717	744	743	680	483	6	-	6987
1988	MEAN	-	-	24.0	23.6	24.9	26.2	26.4	26.8	27.2	27.2	25.7	25.3	25.8
	MAXIMUM	-	-	25.3	24.3	26.1	26.8	26.9	27.9	28.4	29.0	26.3	26.3	29.0
	DAY-HR	-	-	12-00	22-01	27-03	19-01	18-01	27-02	10-23	01-04	04-01	09-04	OCT
	MINIMUM	-	-	23.6	22.3	23.7	25.6	26.0	26.4	26.8	26.0	25.3	24.7	22.3
	DAY-HR	-	-	21-19	09-15	08-17	05-16	07-19	04-19	06-19	31-17	15-18	31-18	APR
	# OBS	-	-	525	717	742	719	742	738	718	744	718	743	7106
1989	MEAN	24.4	23.9	23.4	-	23.8	25.3	25.7	26.6	26.5	27.0	25.6	24.8	25.6
	MAXIMUM	24.9	25.0	23.9	-	25.0	26.1	26.0	28.6	27.4	28.5	26.7	25.6	28.6
	DAY-HR	06-06	18-03	01-12	-	31-23	22-04	31-23	11-03	30-03	07-23	03-03	05-02	AUG
	MINIMUM	24.0	23.2	22.8	-	22.6	24.8	25.5	25.9	26.1	26.3	24.7	23.9	22.6
	DAY-HR	31-18	12-06	03-15	-	08-19	12-20	23-18	01-19	06-18	31-19	23-17	24-17	MAY
	# OBS	306	224	22	-	604	716	741	736	715	744	719	741	6268
1990	MEAN	24.1	23.2	23.0	23.5	23.3	24.7	25.7	26.4	27.1	26.8	26.1	24.7	25.0
	MAXIMUM	24.9	23.8	24.5	24.6	24.1	25.4	26.4	27.2	27.6	27.2	27.3	25.6	27.6
	DAY-HR	01-20	16-02	23-04	18-00	31-23	29-03	31-04	30-04	26-01	09-02	02-01	07-02	SEP
	MINIMUM	23.0	22.8	22.3	22.7	22.4	24.0	25.0	25.7	26.7	26.4	25.1	23.9	22.3
	DAY-HR	23-00	23-16	08-23	14-19	15-20	02-18	02-21	06-21	01-19	27-14	30-15	31-20	MAR
	# OBS	401	467	743	711	739	716	740	743	713	738	717	744	8172
1991	MEAN	23.8	23.4	22.8	23.5	24.6	25.1	26.4	27.0	27.3	27.5	-	25.1	25.0
	MAXIMUM	24.6	24.7	24.7	24.2	25.8	25.9	27.1	27.6	28.8	29.1	-	25.5	29.1
	DAY-HR	17-01	18-04	23-04	11-03	19-03	24-01	31-03	22-02	28-03	09-02	-	18-08	OCT
	MINIMUM	23.2	22.3	21.2	23.0	23.6	24.6	25.4	26.5	27.0	27.1	-	24.6	21.2
	DAY-HR	30-15	28-23	04-05	21-22	05-18	22-16	02-19	09-19	15-18	07-15	-	31-15	MAR
	# OBS	742	672	742	719	744	718	742	738	719	354	-	477	7367
1992	MEAN	24.3	22.7	22.8	23.3	24.6	25.7	26.3	26.8	27.1	26.8	25.5	24.8	25.2
	MAXIMUM	25.4	23.6	24.4	25.0	27.0	28.3	26.8	27.3	27.7	28.7	26.9	25.3	28.7
	DAY-HR	06-03	02-04	31-03	15-02	28-02	02-05	16-00	28-03	14-03	04-04	01-01	16-02	OCT
	MINIMUM	23.4	21.9	21.8	22.4	23.2	24.8	25.8	26.3	26.6	26.0	24.4	24.3	21.8
	DAY-HR	31-21	27-18	04-17	11-20	10-19	13-15	02-16	02-17	24-19	20-18	30-18	02-04	MAR
	# OBS	739	687	280	718	743	717	741	741	720	739	714	738	8277
1993	MEAN	23.8	23.0	22.9	23.7	24.7	25.8	26.5	26.8	27.3	26.6	25.0	23.7	25.0
	MAXIMUM	24.9	25.1	24.9	25.2	25.8	26.9	27.9	28.0	28.7	27.8	25.9	24.4	28.7
	DAY-HR	01-11	28-03	01-03	18-02	30-02	16-00	16-02	29-02	22-02	06-02	01-02	04-03	SEP
	MINIMUM	23.0	21.4	21.6	21.9	24.2	25.1	26.0	26.2	26.7	25.4	24.1	23.2	21.4
	DAY-HR	28-15	25-17	22-16	02-19	21-17	06-18	01-18	04-20	29-18	28-16	29-17	29-18	FEB
	# OBS	736	633	731	716	742	718	738	742	716	738	718	743	8671
1994	MEAN	22.7	23.1	23.7	-	-	25.2	26.3	27.1	27.3	26.8	26.3	24.6	25.4
	MAXIMUM	23.5	24.2	24.5	-	-	25.7	26.7	27.7	28.3	28.4	26.6	25.2	28.4
	DAY-HR	01-04	21-02	03-02	-	-	17-01	31-23	13-01	04-02	04-02	03-01	28-04	OCT
	MINIMUM	22.2	22.4	23.4	-	-	24.6	25.7	26.7	26.6	26.3	26.1	24.2	22.2

	DAY-HR	27-18	08-17	03-20	-	-	04-22	12-16	20-19	13-19	30-20	08-19	29-12	JAN
	# OBS	742	653	121	-	-	341	475	741	715	740	188	557	5273
1995	MEAN	24.3	23.7	23.0	23.5	24.1	25.7	26.1	26.4	27.1	26.6	25.6	25.8	25.2
	MAXIMUM	25.1	24.9	24.0	24.4	26.2	28.3	26.7	26.8	28.5	27.2	26.6	27.1	28.5
	DAY-HR	03-02	24-01	24-01	09-06	23-04	29-03	05-04	20-04	12-02	05-00	07-02	05-01	SEP
	MINIMUM	23.8	22.9	22.4	22.6	22.6	24.8	25.7	26.1	26.3	25.8	25.2	24.9	22.4
	DAY-HR	30-01	23-16	28-16	30-21	01-16	02-19	15-18	02-21	05-19	31-19	28-20	31-17	MAR
	# OBS	738	672	742	712	740	716	740	740	716	739	715	742	8712
1996	MEAN	24.7	23.9	23.1	-	-	27.2	27.2	27.9	28.3	27.5	25.7	25.3	26.3
	MAXIMUM	25.4	24.8	23.5	-	-	28.7	28.6	30.4	30.2	30.0	27.7	26.7	30.4
	DAY-HR	24-04	09-02	03-23	-	-	14-01	26-03	26-02	01-03	07-02	03-02	05-03	AUG
	MINIMUM	24.0	23.1	23.0	-	-	26.7	26.6	27.2	27.8	26.4	24.5	24.2	23.0
	DAY-HR	29-17	29-20	03-17	-	-	13-15	21-19	04-19	22-17	31-23	26-19	31-15	MAR
	# OBS	737	688	31	-	-	429	837	789	717	576	693	740	6237
1997	MEAN	23.5	23.8	23.7	24.3	23.7	25.4	26.7	27.6	27.9	27.8	26.0	24.1	25.4
	MAXIMUM	24.3	25.5	24.7	26.3	25.2	26.5	28.5	28.8	29.6	29.1	26.3	24.7	29.6
	DAY-HR	02-05	22-03	23-06	18-03	29-02	29-12	31-04	14-02	23-02	15-03	17-00	29-03	SEP
	MINIMUM	22.7	23.1	22.7	22.9	22.9	23.6	26.1	26.9	27.3	27.4	25.8	23.9	22.7
	DAY-HR	27-14	05-21	10-14	02-21	17-19	01-16	08-21	03-19	19-20	25-20	19-07	31-21	MAR
	# OBS	738	659	739	715	740	715	738	739	720	603	60	167	7333
1998	MEAN	23.7	23.1	24.1	23.2	23.2	24.7	25.2	26.1	26.2	25.9	25.6	24.8	24.8
	MAXIMUM	24.6	26.4	26.0	24.5	24.2	25.4	26.5	27.0	27.0	26.8	26.9	25.4	27.0
	DAY-HR	03-00	18-21	20-04	27-02	31-03	17-03	18-04	19-03	07-02	22-01	08-03	20-02	SEP
	MINIMUM	23.2	21.8	22.3	22.2	22.0	23.9	24.5	25.6	25.6	25.7	25.0	24.1	21.8
	DAY-HR	30-15	19-08	29-12	16-20	07-20	02-19	01-20	01-17	08-20	07-17	30-23	16-22	FEB
	# OBS	239	386	720	684	717	694	741	788	682	744	719	734	7848
1999	MEAN	23.7	23.7	24.0	23.8	25.0	25.3	25.8	26.3	26.4	26.4	25.7	24.6	25.1
	MAXIMUM	24.9	24.9	24.9	25.5	27.4	26.0	26.4	27.7	26.8	27.9	26.4	25.2	27.9
	DAY-HR	01-03	18-03	08-06	04-00	24-03	13-03	04-04	02-04	28-03	15-01	20-02	17-03	OCT
	MINIMUM	23.2	23.3	23.0	23.0	24.1	24.8	25.4	25.7	26.2	26.0	24.9	24.1	23.0
	DAY-HR	31-21	14-18	21-17	10-17	02-18	09-20	02-18	01-18	30-21	31-22	30-21	31-21	APR
	# OBS	732	660	721	719	742	718	740	735	715	734	585	248	8049
2000	MEAN	23.7	23.8	24.2	23.8	25.0	26.0	26.3	26.7	26.8	26.7	25.6	24.7	25.3
	MAXIMUM	25.0	25.0	25.5	24.8	27.5	26.7	27.0	27.9	29.1	28.2	26.2	25.7	29.1
	DAY-HR	04-03	15-02	15-05	30-23	17-03	28-01	31-02	03-03	22-04	03-02	09-03	01-03	SEP
	MINIMUM	23.2	23.3	23.5	23.4	24.0	25.2	25.6	26.4	25.6	26.0	24.9	24.5	23.2
	DAY-HR	30-16	26-06	03-18	13-20	05-18	08-18	20-18	31-19	03-12	31-21	29-15	31-20	JAN
	# OBS	327	692	736	703	730	656	732	741	702	634	231	439	7323
2001	MEAN	24.3	23.8	24.0	24.1	24.9	25.5	26.4	26.2	26.7	26.1	25.1	24.2	25.1
	MAXIMUM	25.1	25.0	25.9	24.8	27.5	26.2	28.3	27.5	27.7	27.0	25.8	24.8	28.3
	DAY-HR	18-03	12-01	18-01	08-03	20-03	01-02	04-04	28-03	16-03	03-22	22-01	11-03	JUL
	MINIMUM	23.8	23.5	21.9	23.5	23.6	25.1	25.7	25.8	26.4	25.5	24.5	23.6	21.9
	DAY-HR	30-09	20-15	31-07	24-15	03-18	11-19	01-19	16-18	28-18	31-23	27-01	31-23	MAR
	# OBS	738	664	738	716	741	711	736	720	712	742	718	743	8679
POR	MEAN	23.7	23.3	23.3	23.5	24.3	25.4	26.1	26.7	27.0	26.7	25.5	24.5	25.1
	MAXIMUM	25.4	26.4	26.0	26.3	27.5	28.7	28.6	30.4	30.2	30.0	27.7	27.1	30.4
	YEAR	1996	1998	1998	1997	2001	1996	1996	1996	1996	1996	1996	1995	AUG/1996
	MINIMUM	20.6	20.1	19.6	20.5	21.8	22.5	23.8	23.1	23.6	24.1	21.2	20.8	19.6
	YEAR	1987	1981	1987	1987	1987	1987	1987	1986	1986	1986	1986	1986	MAR/1987
	# OBS	11622	11535	11322	11422	12433	13402	14099	14202	14237	12999	10329	12142	149744

STATION: 51001 -- POR (2/1981 - 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	-	1016.4	1019.6	1019.3	1019.2	1019.3	1018.4	1017.8	1016.6	1016.9	1018.6	1016.7	1018.1
	MAXIMUM	-	1023.1	1024.8	1024.5	1024.1	1022.1	1028.7	1021.3	1020.9	1020.9	1024.5	1025.7	1028.7
	DAY-HR	-	28-21	28-20	29-21	01-09	28-09	10-21	19-20	04-21	21-20	11-20	08-20	JUL
	MINIMUM	-	1001.0	1013.7	1012.3	1015.0	1016.1	1014.3	1014.7	1012.8	1012.7	1013.7	1005.5	1001.0
	DAY-HR	-	11-14	21-03	09-03	06-04	26-02	05-05	26-03	10-02	04-02	05-02	25-16	FEB
	# OBS	-	355	739	718	741	545	408	309	711	717	719	735	6697
1982	MEAN	1014.4	1012.7	1017.7	1018.6	1018.0	1016.8	1016.8	1016.6	1016.1	-	-	-	1016.5
	MAXIMUM	1024.1	1021.1	1024.1	1025.1	1022.3	1020.3	1020.6	1020.4	1019.4	-	-	-	1025.1
	DAY-HR	25-09	20-09	06-20	29-10	21-09	28-10	03-21	12-09	10-09	-	-	-	APR
	MINIMUM	1003.2	999.3	1010.0	1006.8	1012.2	1012.3	1010.3	1013.3	1013.4	-	-	-	999.3
	DAY-HR	21-03	11-04	22-01	07-15	06-15	17-03	21-04	18-15	14-03	-	-	-	FEB
	# OBS	741	668	731	720	743	719	743	740	713	-	-	-	6518

1983	MEAN	-	-	-	-	-	1019.3	1018.8	-	-	-	-	1014.7	1017.5
	MAXIMUM	-	-	-	-	-	1022.6	1022.0	-	-	-	-	1021.6	1022.6
	DAY-HR	-	-	-	-	-	29-19	08-22	-	-	-	-	09-22	JUN
	MINIMUM	-	-	-	-	-	1015.2	1016.2	-	-	-	-	1002.4	1002.4
	DAY-HR	-	-	-	-	-	03-14	14-15	-	-	-	-	24-14	DEC
	# OBS	-	-	-	-	-	716	330	-	-	-	-	623	1669
1984	MEAN	1017.0	1018.9	1018.7	1021.4	1019.4	1019.4	1017.3	1015.8	1016.5	1016.0	1018.6	1015.7	1017.9
	MAXIMUM	1023.6	1023.3	1025.1	1025.6	1024.2	1023.0	1021.2	1020.3	1020.0	1021.9	1022.1	1022.8	1025.6
	DAY-HR	05-21	20-21	27-20	03-22	19-21	03-20	29-22	16-20	09-22	08-20	10-20	09-21	APR
	MINIMUM	1007.1	1009.4	1006.2	1012.6	1015.4	1015.9	1013.6	1011.9	1012.1	1010.1	1014.4	1004.8	1004.8
	DAY-HR	18-00	02-02	04-01	25-14	05-03	15-04	11-04	30-02	22-03	30-00	29-01	23-15	DEC
	# OBS	742	694	738	717	739	410	233	492	716	744	695	742	7662
1985	MEAN	1015.3	1016.0	1020.2	1019.2	1019.3	1018.6	1018.4	1017.3	1016.0	1015.5	1013.6	1016.8	1017.2
	MAXIMUM	1021.5	1020.4	1025.9	1024.3	1024.6	1022.9	1021.3	1020.7	1020.4	1021.0	1020.5	1023.7	1025.9
	DAY-HR	05-21	22-22	20-20	01-20	14-21	01-09	20-09	28-08	30-08	10-08	30-21	28-21	MAR
	MINIMUM	997.8	1007.6	1010.5	1014.4	1013.5	1013.2	1015.2	1011.7	1011.2	1007.8	1003.9	1008.0	997.8
	DAY-HR	14-05	12-03	01-15	06-15	19-04	16-04	13-03	25-15	27-02	19-02	15-16	15-14	JAN
	# OBS	740	672	741	718	744	717	742	744	718	744	720	744	8744
1986	MEAN	1016.6	1013.1	1013.9	-	-	1019.3	1017.5	1015.7	1014.2	1017.3	1016.1	1018.0	1016.3
	MAXIMUM	1025.5	1019.7	1016.5	-	-	1021.8	1021.1	1020.0	1017.9	1022.4	1024.0	1024.3	1025.5
	DAY-HR	06-21	01-21	02-10	-	-	18-21	08-21	28-09	25-09	20-09	30-21	01-20	JAN
	MINIMUM	1007.3	1003.9	1010.7	-	-	1017.0	1011.9	1008.5	1010.1	1011.2	1006.2	1008.8	1003.9
	DAY-HR	17-01	22-03	01-02	-	-	30-14	24-16	19-15	29-14	01-02	12-16	07-01	FEB
	# OBS	744	670	40	-	-	305	744	743	720	742	694	742	6144
1987	MEAN	1020.0	1016.1	1019.5	1019.8	1018.4	1019.0	1017.4	1016.2	1016.3	1016.5	1018.7	-	1018.0
	MAXIMUM	1028.4	1023.3	1024.9	1026.2	1024.3	1024.0	1021.3	1020.3	1019.9	1020.6	1020.0	-	1028.4
	DAY-HR	20-21	14-21	28-21	01-20	01-21	19-22	03-20	25-21	30-20	31-21	01-09	-	JAN
	MINIMUM	1011.1	1007.5	1010.3	1010.6	1012.6	1013.4	1014.0	1011.2	1011.0	1011.9	1017.7	-	1007.5
	DAY-HR	31-02	25-05	02-15	22-03	17-02	03-05	15-14	07-03	01-03	16-15	01-03	-	FEB
	# OBS	740	669	743	719	743	718	744	743	680	483	6	-	6988
1988	MEAN	-	-	1018.3	1019.3	1018.3	1018.7	1018.2	1017.1	1015.5	1015.5	1016.3	1016.0	1017.3
	MAXIMUM	-	-	1023.7	1023.9	1023.1	1022.3	1021.9	1020.4	1019.5	1020.5	1022.0	1021.6	1023.9
	DAY-HR	-	-	14-20	11-21	13-22	16-09	28-09	18-21	18-09	12-20	22-21	28-20	APR
	MINIMUM	-	-	1012.7	1015.9	1012.4	1016.4	1014.9	1011.9	1011.9	1010.7	996.6	1005.3	996.6
	DAY-HR	-	-	26-02	28-03	07-14	22-03	25-15	04-02	15-03	16-02	05-04	06-12	NOV
	# OBS	-	-	525	718	742	719	742	739	718	744	718	743	7108
1989	MEAN	1017.4	1015.3	1002.6	-	1019.2	1018.7	1018.7	1016.8	1016.2	1014.3	1015.2	1015.6	1016.7
	MAXIMUM	1022.9	1021.9	1008.4	-	1022.1	1022.7	1021.2	1020.5	1019.0	1019.7	1021.8	1021.4	1022.9
	DAY-HR	08-21	19-09	01-00	-	29-09	14-09	13-09	20-10	18-21	24-21	23-21	31-20	JAN
	MINIMUM	1009.6	1005.5	998.0	-	1015.6	1012.6	1015.1	1013.9	1012.6	1007.0	1008.6	1009.1	998.0
	DAY-HR	29-03	11-00	02-15	-	16-03	22-15	21-03	29-04	13-02	09-15	11-03	19-15	MAR
	# OBS	306	224	22	-	604	716	742	736	716	744	719	741	6270
1990	MEAN	1016.9	1018.4	1019.4	1017.3	1020.1	1019.0	1017.9	1017.5	1016.5	1016.8	1013.7	1015.4	1017.4
	MAXIMUM	1022.9	1026.1	1024.7	1023.5	1023.8	1023.1	1021.7	1021.2	1020.3	1021.8	1019.9	1024.3	1026.1
	DAY-HR	09-21	08-21	28-20	21-20	04-21	22-09	03-09	26-09	05-09	28-20	14-21	09-21	FEB
	MINIMUM	999.3	1010.4	1012.2	1010.7	1015.8	1015.7	1014.9	1014.4	1012.3	1009.7	1006.2	1001.9	999.3
	DAY-HR	22-03	13-03	20-02	27-03	08-15	27-14	15-15	28-15	03-04	21-01	18-01	25-17	JAN
	# OBS	401	467	743	711	739	716	740	743	715	738	717	744	8174
1991	MEAN	1015.9	1014.3	1019.9	1019.9	1019.4	1018.5	1017.5	1017.4	1015.4	1014.7	-	1017.7	1017.5
	MAXIMUM	1023.3	1020.9	1025.5	1026.3	1023.7	1022.1	1020.2	1021.0	1019.9	1019.2	-	1024.1	1026.3
	DAY-HR	20-21	19-21	15-21	05-20	15-20	12-21	28-20	27-21	04-21	05-08	-	20-21	APR
	MINIMUM	997.2	1008.5	1011.7	1015.6	1014.7	1013.8	1014.6	1011.0	1008.3	1010.4	-	1008.7	997.2
	DAY-HR	27-15	03-01	22-02	09-15	22-14	01-15	03-14	09-14	30-03	01-15	-	19-00	JAN
	# OBS	742	672	742	719	744	718	742	739	719	231	-	477	7245
1992	MEAN	1015.9	1015.4	1018.4	1016.5	1015.0	1017.5	1016.9	1017.6	1013.9	1015.4	1015.5	1014.6	1015.9
	MAXIMUM	1025.1	1024.8	1021.9	1023.4	1020.6	1021.7	1021.8	1020.5	1017.5	1020.9	1020.0	1023.0	1025.1
	DAY-HR	31-21	03-21	04-10	29-09	07-20	14-21	25-21	03-09	01-09	25-10	15-20	06-20	JAN
	MINIMUM	1009.1	1005.2	1015.3	1009.7	1008.3	1012.8	1013.5	1014.4	1005.5	1009.7	1004.3	1005.3	1004.3
	DAY-HR	10-14	15-02	02-03	26-02	18-03	03-04	17-03	25-03	12-03	31-23	19-02	26-00	NOV
	# OBS	739	687	280	720	743	717	741	741	720	739	715	738	8280
1993	MEAN	1014.2	1017.5	1020.4	1020.2	1019.3	1018.1	1017.6	1017.2	1015.8	1015.4	1018.8	1019.0	1017.8
	MAXIMUM	1024.3	1023.7	1026.6	1024.5	1024.1	1021.5	1021.9	1020.1	1019.5	1020.2	1023.4	1024.2	1026.6
	DAY-HR	17-21	23-20	01-21	12-20	02-09	25-20	26-09	08-19	12-21	28-21	24-20	11-20	MAR
	MINIMUM	1002.3	1006.0	1006.5	1016.6	1013.6	1014.3	1013.4	1013.6	1008.4	1007.6	1011.5	1010.7	1002.3
	DAY-HR	06-15	05-02	14-17	10-03	13-04	15-04	12-14	18-03	28-03	26-01	02-01	28-01	JAN
	# OBS	736	633	731	716	742	718	738	742	716	738	718	743	8671
1994	MEAN	1017.6	1015.7	1016.0	-	-	1019.1	1017.0	1016.5	1014.8	1014.0	1016.1	1019.2	1016.5
	MAXIMUM	1024.7	1025.9	1019.3	-	-	1021.9	1019.6	1019.7	1018.0	1019.2	1020.8	1023.2	1025.9
	DAY-HR	31-21	01-21	03-09	-	-	06-09	18-09	05-09	13-21	27-20	26-21	26-21	FEB
	MINIMUM	1007.9	1007.1	1011.8	-	-	1016.3	1013.7	1013.1	1008.9	1004.6	1005.5	1013.4	1004.6
	DAY-HR	15-01	21-02	05-17	-	-	15-14	24-04	14-02	29-02	02-01	01-01	06-02	OCT
	# OBS	742	654	121	-	-	340	478	741	715	740	701	741	5973

1995	MEAN	1016.3	1013.5	1015.6	1017.8	1018.5	1018.1	1017.4	1017.4	1016.0	1016.9	1014.9	1015.6	1016.5
	MAXIMUM	1024.2	1020.1	1024.4	1024.0	1022.4	1022.3	1020.8	1022.1	1021.0	1021.0	1021.2	1022.5	1024.4
	DAY-HR	06-09	07-21	29-09	18-09	06-20	11-19	22-10	09-09	26-09	10-20	18-21	16-20	MAR
	MINIMUM	1003.5	1004.8	1002.8	1012.7	1014.0	1010.8	1014.2	1013.6	1010.2	1013.5	1006.8	1007.1	1002.8
	DAY-HR	29-02	13-15	03-15	09-03	05-03	27-04	20-03	20-03	13-15	15-02	03-03	30-15	MAR
	# OBS	738	672	742	713	740	716	740	740	716	739	715	742	8713
1996	MEAN	1013.9	1016.5	1012.4	-	-	1019.9	1018.8	1017.7	1015.5	1015.4	1015.0	1014.6	1016.2
	MAXIMUM	1020.6	1024.6	1018.9	-	-	1023.4	1022.9	1021.2	1019.2	1021.4	1022.1	1024.9	1024.9
	DAY-HR	17-06	16-20	01-09	-	-	26-20	30-21	01-21	12-21	11-21	20-20	06-20	DEC
	MINIMUM	1003.6	1007.8	1000.1	-	-	1015.6	1015.5	1010.7	1010.5	1009.2	1002.1	1002.1	1000.1
	DAY-HR	31-00	02-02	03-07	-	-	14-04	22-04	31-15	01-03	21-01	13-02	31-02	MAR
	# OBS	737	688	33	-	-	428	837	790	717	576	693	740	6239
1997	MEAN	1014.6	1018.1	1017.5	1019.1	1017.8	1019.6	1018.5	1017.8	1017.4	1017.1	1014.8	1020.2	1017.8
	MAXIMUM	1025.3	1022.6	1024.0	1025.3	1022.0	1023.2	1023.4	1020.8	1022.1	1021.5	1016.4	1024.1	1025.3
	DAY-HR	17-21	15-21	28-20	25-21	05-09	03-09	01-09	02-20	27-21	16-21	18-10	13-21	APR
	MINIMUM	1002.3	1008.9	1007.3	1011.0	1007.5	1015.4	1014.3	1014.7	1012.8	1013.0	1013.3	1006.5	1002.3
	DAY-HR	29-00	27-14	23-14	01-03	22-16	23-04	15-03	31-03	15-02	10-02	19-02	28-12	JAN
	# OBS	738	659	739	715	740	715	738	738	720	603	60	167	7332
1998	MEAN	1015.9	1021.3	1019.7	1023.2	1021.7	1019.6	1020.1	1018.5	1017.5	1018.5	1019.1	1018.8	1019.6
	MAXIMUM	1022.9	1027.8	1026.8	1029.7	1026.4	1022.4	1024.1	1021.4	1021.7	1022.3	1024.8	1024.4	1029.7
	DAY-HR	18-21	21-21	24-21	04-20	22-09	08-09	13-20	31-21	01-09	25-20	30-09	11-08	APR
	MINIMUM	1006.4	1014.7	1013.9	1017.8	1018.1	1016.8	1016.2	1014.7	1015.2	1015.2	1012.0	1010.2	1006.4
	DAY-HR	06-03	11-03	09-03	27-14	14-03	06-14	20-04	13-03	23-02	13-03	11-05	31-02	JAN
	# OBS	238	386	720	685	717	694	740	788	682	744	720	734	7848
1999	MEAN	1018.0	1020.9	1020.1	1020.2	1017.3	1019.4	1018.9	1019.0	1018.1	1017.4	1018.7	1016.3	1018.8
	MAXIMUM	1022.9	1025.0	1026.0	1026.2	1022.9	1021.9	1022.0	1022.1	1021.6	1021.5	1025.3	1024.5	1026.2
	DAY-HR	26-21	04-21	21-09	09-20	25-09	11-22	11-21	22-09	23-09	27-09	30-21	01-09	APR
	MINIMUM	1008.6	1016.7	1014.9	1015.5	1011.8	1013.8	1015.8	1015.7	1014.3	1008.0	1013.8	1008.0	1008.0
	DAY-HR	05-02	26-02	01-04	05-04	13-02	01-14	04-04	02-14	28-03	20-01	04-02	21-15	DEC
	# OBS	732	660	721	719	742	718	740	736	715	735	585	248	8051
2000	MEAN	1020.1	1019.4	1019.9	1021.5	1019.1	1017.5	1017.9	1017.1	1015.6	1016.9	1017.7	1017.4	1018.4
	MAXIMUM	1027.0	1024.7	1025.1	1025.6	1022.3	1021.7	1020.1	1020.3	1018.4	1021.3	1022.1	1022.3	1027.0
	DAY-HR	28-08	19-21	23-09	04-20	05-10	05-19	14-09	17-09	16-09	14-20	17-09	21-09	JAN
	MINIMUM	1012.2	1013.6	1012.2	1015.4	1014.1	1013.9	1014.6	1013.3	1012.5	1012.7	1012.5	1011.1	1011.1
	DAY-HR	01-03	07-03	30-16	08-03	23-14	25-15	13-04	28-15	24-02	01-02	05-03	11-00	DEC
	# OBS	327	692	736	703	730	656	732	741	701	634	231	439	7322
2001	MEAN	1018.6	1017.1	1018.8	1019.8	1018.7	1017.9	1017.8	1018.2	1017.1	1017.1	1015.9	1016.8	1017.8
	MAXIMUM	1024.3	1022.9	1024.3	1023.4	1022.3	1020.8	1021.2	1022.4	1020.8	1023.6	1022.6	1022.5	1024.3
	DAY-HR	22-20	16-21	03-20	22-20	15-21	10-10	16-09	02-22	01-10	30-20	11-08	17-20	MAR
	MINIMUM	1008.8	1009.7	1009.2	1013.3	1014.5	1014.5	1013.5	1013.5	1013.8	1011.4	1000.7	1005.1	1000.7
	DAY-HR	02-03	25-15	24-15	01-03	30-03	26-10	02-04	27-03	07-02	25-02	26-14	29-01	NOV
	# OBS	738	664	738	716	741	711	736	725	714	742	718	743	8686
POR	MEAN	1016.5	1016.6	1018.9	1019.6	1018.7	1018.7	1018.0	1017.3	1016.0	1016.2	1016.4	1016.6	1017.5
	MAXIMUM	1028.4	1027.8	1026.8	1029.7	1026.4	1024.0	1028.7	1022.4	1022.1	1023.6	1025.3	1025.7	1029.7
	YEAR	1987	1998	1998	1998	1998	1987	1981	2001	1997	2001	1999	1981	APR/1998
	MINIMUM	997.2	999.3	998.0	1006.8	1007.5	1010.8	1010.3	1008.5	1005.5	1004.6	996.6	1001.9	996.6
	YEAR	1991	1982	1989	1982	1997	1995	1982	1986	1992	1994	1988	1990	NOV/1988
	# OBS	11621	11486	11325	11427	12434	13412	14130	14210	14242	12877	10844	12326	150334

STATION: 51001 -- POR (2/1981 - 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	-	15.1	12.2	11.8	11.7	13.7	13.7	11.3	11.4	13.4	14.5	12.8	12.8
	MAXIMUM	-	26.4	23.5	24.3	22.7	20.6	22.2	20.2	20.0	25.1	34.4	28.0	34.4
	DAY-HR	-	11-11	21-00	30-18	01-00	21-16	15-17	20-07	27-14	27-18	23-09	08-00	NOV
	MINIMUM	-	0.2	0.0	1.6	0.4	4.9	4.7	4.3	0.0	0.0	0.0	0.0	0.0
	DAY-HR	-	13-00	20-11	17-16	26-11	14-15	06-01	31-11	08-19	11-22	17-19	31-01	DEC
	# OBS	-	355	739	718	741	552	430	309	712	717	718	735	6726
1982	MEAN	12.6	16.2	17.1	16.0	13.1	8.7	16.2	16.7	14.3	-	-	-	14.5
	MAXIMUM	28.4	32.3	33.4	28.0	25.5	21.4	26.8	24.7	22.7	-	-	-	33.4
	DAY-HR	21-10	12-02	22-05	06-03	07-03	26-10	15-10	11-18	24-17	-	-	-	MAR
	MINIMUM	0.2	0.2	1.4	0.2	0.2	0.2	6.6	5.6	1.0	-	-	-	0.2
	DAY-HR	02-20	23-09	30-18	19-04	16-23	16-20	24-16	18-22	15-01	-	-	-	JUN
	# OBS	738	668	730	719	741	717	743	739	711	-	-	-	6506
1983	MEAN	-	-	-	-	-	13.0	14.4	-	-	-	-	11.4	12.7
	MAXIMUM	-	-	-	-	-	22.2	20.6	-	-	-	-	28.6	28.6
	DAY-HR	-	-	-	-	-	17-14	06-20	-	-	-	-	13-06	DEC

	MINIMUM	-	-	-	-	-	3.3	8.4	-	-	-	-	0.0	0.0
	DAY-HR	-	-	-	-	-	03-13	01-23	-	-	-	-	07-10	DEC
	# OBS	-	-	-	-	-	715	330	-	-	-	-	621	1666
1984	MEAN	10.8	11.1	9.9	14.0	10.1	11.9	10.1	10.4	8.3	9.2	12.9	13.4	11.0
	MAXIMUM	22.4	21.0	22.2	22.0	19.1	18.1	19.2	19.6	16.1	21.2	25.9	28.0	28.0
	DAY-HR	05-04	05-05	27-07	14-05	20-08	21-22	22-07	15-07	09-09	21-11	27-14	09-03	DEC
	MINIMUM	0.0	0.0	0.0	1.9	0.0	3.9	0.2	0.0	0.0	0.0	0.0	0.0	0.0
	DAY-HR	11-13	12-06	22-07	20-17	12-01	14-01	10-07	21-07	23-01	25-03	29-15	27-14	DEC
	# OBS	742	691	737	717	739	410	233	486	717	743	717	742	7674
1985	MEAN	12.8	12.5	17.7	13.0	13.9	9.5	13.3	11.7	10.3	12.7	11.6	9.9	12.4
	MAXIMUM	33.6	25.7	29.5	24.7	23.7	20.0	22.2	21.4	22.2	23.5	25.3	24.1	33.6
	DAY-HR	14-05	28-08	07-13	01-21	29-15	22-01	29-16	03-16	18-04	27-15	30-09	16-14	JAN
	MINIMUM	0.2	0.2	4.5	0.0	0.0	0.0	2.9	0.0	0.0	0.0	0.0	0.0	0.0
	DAY-HR	19-11	03-02	02-19	12-15	24-15	17-06	13-17	20-08	25-07	21-23	23-08	19-11	DEC
	# OBS	740	672	741	718	744	717	742	744	718	744	720	744	8744
1986	MEAN	9.3	11.8	10.9	-	-	16.0	13.9	12.6	7.4	11.6	13.4	10.4	11.5
	MAXIMUM	20.4	29.2	17.1	-	-	20.4	23.9	20.2	21.0	21.0	24.9	26.2	29.2
	DAY-HR	06-14	04-15	01-07	-	-	18-09	29-15	18-08	08-14	19-22	11-17	02-07	FEB
	MINIMUM	0.0	0.2	0.0	-	-	3.9	0.4	0.0	0.0	0.0	0.2	0.0	0.0
	DAY-HR	30-08	18-20	02-17	-	-	30-19	24-21	25-08	13-14	09-20	04-11	30-02	DEC
	# OBS	744	670	40	-	-	305	744	743	720	742	694	742	6144
1987	MEAN	13.2	12.1	11.3	14.0	14.3	13.4	12.6	9.8	12.9	11.6	14.6	-	12.5
	MAXIMUM	27.4	24.9	24.7	24.5	24.9	19.8	19.6	23.1	21.6	21.2	16.5	-	27.4
	DAY-HR	18-19	25-00	31-17	01-04	07-07	15-10	07-03	12-14	30-05	22-21	01-15	-	JAN
	MINIMUM	0.0	0.2	0.0	0.0	1.6	0.0	0.0	0.0	0.0	0.2	12.4	-	0.0
	DAY-HR	05-14	23-15	11-07	21-12	17-01	24-18	25-10	24-04	05-15	15-21	01-00	-	SEP
	# OBS	740	669	743	719	743	718	744	743	680	483	6	-	6988
1988	MEAN	-	-	12.5	13.9	12.8	12.4	14.4	12.5	10.8	10.1	13.9	13.2	12.7
	MAXIMUM	-	-	22.6	23.3	23.1	20.6	26.6	19.1	20.2	20.8	35.4	28.4	35.4
	DAY-HR	-	-	31-04	02-13	23-12	04-23	07-17	22-20	27-16	15-19	04-09	18-13	NOV
	MINIMUM	-	-	1.6	0.2	0.0	3.5	3.9	1.2	0.0	0.0	0.2	0.0	0.0
	DAY-HR	-	-	12-20	14-18	04-21	11-16	02-20	26-18	29-06	11-11	03-19	10-13	DEC
	# OBS	-	-	525	718	741	719	742	740	718	744	719	733	7099
1989	MEAN	14.3	12.2	12.2	-	13.1	11.8	15.8	11.2	11.8	8.7	12.9	11.3	12.2
	MAXIMUM	27.2	23.7	18.1	-	19.4	19.1	25.7	20.8	19.6	22.4	24.5	24.1	27.2
	DAY-HR	12-12	23-03	01-18	-	23-18	29-21	23-22	20-06	19-01	23-10	15-18	13-12	JAN
	MINIMUM	0.0	0.0	1.0	-	1.7	0.2	1.4	0.0	1.0	0.0	0.0	0.2	0.0
	DAY-HR	31-00	18-03	03-15	-	27-11	02-15	23-04	10-20	21-13	17-02	26-18	02-14	NOV
	# OBS	306	224	22	-	604	681	742	736	716	744	709	468	5952
1990	MEAN	0.0	12.3	14.4	11.8	14.8	14.3	12.9	12.4	12.8	13.9	14.3	15.3	13.6
	MAXIMUM	0.0	23.1	28.8	22.0	25.1	22.9	21.0	18.5	20.6	29.4	34.6	27.6	34.6
	DAY-HR	01-01	19-05	07-07	27-10	04-06	27-00	01-20	22-17	16-18	21-02	18-18	25-07	NOV
	MINIMUM	0.0	0.2	0.0	0.2	3.3	6.2	2.5	4.7	3.7	2.9	0.6	3.7	0.0
	DAY-HR	01-01	15-08	23-04	12-13	08-23	11-05	07-18	12-01	03-14	31-19	28-09	24-07	MAR
	# OBS	1	364	744	711	739	716	740	744	715	737	715	744	7670
1991	MEAN	10.7	12.5	17.8	14.2	12.9	13.5	12.7	14.3	11.0	8.4	-	15.4	13.2
	MAXIMUM	30.7	24.9	26.8	21.6	24.1	21.2	20.2	24.1	21.4	18.9	-	29.4	30.7
	DAY-HR	28-05	11-19	16-16	06-00	28-15	10-07	11-23	09-10	30-07	02-13	-	14-04	JAN
	MINIMUM	0.2	0.2	1.6	5.6	0.2	4.5	4.7	6.0	0.4	0.0	-	1.2	0.0
	DAY-HR	26-18	23-15	24-21	12-20	18-07	03-20	06-05	22-02	28-08	12-05	-	23-23	OCT
	# OBS	742	672	742	719	744	720	742	739	720	354	-	477	7371
1992	MEAN	11.8	15.0	8.4	9.5	10.5	12.6	13.8	15.0	12.0	12.3	13.7	13.6	12.6
	MAXIMUM	24.3	26.4	16.9	21.6	25.3	20.6	24.1	23.7	20.4	23.7	27.6	23.7	27.6
	DAY-HR	23-12	13-11	03-07	02-07	06-14	30-10	22-20	08-10	04-08	07-13	27-19	18-12	NOV
	MINIMUM	0.0	0.2	0.0	0.0	0.0	0.4	2.7	9.1	0.4	0.0	0.4	0.0	0.0
	DAY-HR	05-08	27-12	31-09	05-14	30-14	01-22	02-03	30-01	14-06	04-10	21-00	02-00	DEC
	# OBS	739	687	280	720	743	717	741	741	720	739	715	738	8280
1993	MEAN	13.6	10.4	11.1	11.8	12.4	11.8	13.2	11.8	8.8	13.0	16.1	15.4	12.5
	MAXIMUM	29.7	25.7	31.7	20.2	24.5	22.7	23.1	22.2	19.6	28.4	27.6	27.2	31.7
	DAY-HR	05-16	01-01	14-15	19-05	02-09	20-07	25-09	16-16	18-09	26-02	23-23	05-08	MAR
	MINIMUM	0.0	0.2	0.2	1.0	0.8	0.6	1.0	1.9	0.0	0.2	1.4	0.0	0.0
	DAY-HR	22-06	16-16	12-19	23-15	23-03	23-12	16-07	01-17	22-06	03-03	01-23	22-14	DEC
	# OBS	736	633	731	716	742	718	739	742	716	738	674	743	8628
1994	MEAN	14.1	12.0	11.1	-	-	13.7	15.2	13.8	12.5	13.7	17.3	15.1	14.1
	MAXIMUM	27.0	26.6	18.1	-	-	21.0	22.0	22.7	22.0	26.8	25.5	28.6	28.6
	DAY-HR	20-11	12-21	06-00	-	-	06-01	24-03	26-08	08-07	01-18	17-11	29-01	DEC
	MINIMUM	0.6	0.8	0.2	-	-	5.4	7.4	3.1	0.8	2.1	1.6	0.4	0.2
	DAY-HR	27-03	18-02	03-01	-	-	10-20	14-20	05-14	03-03	04-04	08-20	31-23	MAR
	# OBS	742	654	121	-	-	341	478	741	715	740	701	741	5974
1995	MEAN	12.7	12.5	13.3	16.0	12.0	12.2	14.4	15.5	9.9	14.8	11.6	11.9	13.1
	MAXIMUM	29.4	29.9	25.3	26.0	20.0	23.3	26.6	21.8	18.9	26.6	25.3	26.8	29.9
	DAY-HR	30-03	06-13	02-19	22-02	26-08	15-18	21-18	01-19	28-06	09-04	26-11	30-15	FEB

	MINIMUM	1.2	0.2	0.2	4.1	0.8	0.2	6.8	4.7	0.6	3.9	0.2	0.0	0.0
	DAY-HR	20-02	15-14	24-07	08-18	28-04	28-23	20-15	20-05	20-18	14-15	08-11	05-05	DEC
	# OBS	738	672	742	713	740	716	740	740	715	739	714	742	8711
1996	MEAN	13.4	17.5	14.9	-	-	13.3	14.2	10.4	11.5	10.3	12.4	16.5	13.3
	MAXIMUM	31.7	29.7	22.6	-	-	22.7	22.0	18.9	23.7	21.2	26.8	32.7	32.7
	DAY-HR	30-22	15-22	02-06	-	-	30-12	04-21	18-06	08-12	20-13	08-20	07-07	DEC
	MINIMUM	0.2	1.2	1.9	-	-	2.9	0.2	0.0	0.0	0.0	0.0	0.6	0.0
	DAY-HR	24-09	02-23	03-12	-	-	13-22	25-17	27-03	01-07	07-11	04-09	25-09	NOV
	# OBS	737	688	42	-	-	429	837	790	717	576	693	740	6249
1997	MEAN	14.0	10.6	13.5	12.4	13.4	13.4	14.0	11.0	11.7	11.8	8.1	0.0	12.6
	MAXIMUM	33.8	26.0	25.7	22.9	22.2	22.2	22.4	19.4	25.7	22.0	27.8	0.0	33.8
	DAY-HR	03-08	26-06	23-11	10-05	03-21	19-21	01-00	01-01	05-00	03-17	18-09	11-15	JAN
	MINIMUM	0.0	0.0	1.2	0.0	0.0	5.1	0.0	1.6	0.0	0.2	0.0	0.0	0.0
	DAY-HR	26-22	22-01	11-01	20-19	28-02	05-05	31-18	14-01	22-10	14-23	26-09	11-15	DEC
	# OBS	738	659	739	716	741	715	738	739	720	603	65	6	7179
1998	MEAN	-	10.9	10.0	15.0	15.6	14.4	14.9	14.6	13.1	13.6	14.8	14.6	13.9
	MAXIMUM	-	23.5	22.6	24.1	22.0	22.0	24.1	21.8	21.4	26.8	26.6	28.6	28.6
	DAY-HR	-	21-18	21-09	12-15	02-03	22-20	08-15	23-01	15-10	11-07	30-05	28-12	DEC
	MINIMUM	-	0.0	0.0	3.5	6.2	3.9	0.8	5.6	5.2	1.6	0.0	1.2	0.0
	DAY-HR	-	18-21	06-23	27-02	31-16	04-02	18-01	02-21	06-23	21-21	06-15	20-05	NOV
	# OBS	-	243	720	685	717	694	741	788	682	744	720	734	7468
1999	MEAN	12.6	13.6	16.2	12.5	11.8	14.8	15.2	13.5	13.3	11.7	13.5	14.9	13.6
	MAXIMUM	29.9	26.8	25.9	22.9	22.4	22.2	22.6	23.3	24.5	23.7	24.1	25.5	29.9
	DAY-HR	22-08	03-18	20-09	11-16	31-19	26-16	21-02	31-18	24-16	21-06	29-03	12-15	JAN
	MINIMUM	0.4	0.0	1.4	0.4	0.0	3.3	3.5	1.4	0.0	0.0	0.8	1.7	0.0
	DAY-HR	08-16	18-03	03-18	04-06	01-17	13-05	03-17	02-17	20-23	15-22	20-00	16-21	OCT
	# OBS	733	660	721	719	741	718	740	737	715	734	585	248	8051
2000	MEAN	14.4	11.1	12.1	16.2	10.4	12.0	15.0	14.0	10.8	14.5	14.3	9.4	12.8
	MAXIMUM	27.2	25.5	26.6	28.6	21.4	20.2	22.9	20.8	22.6	23.3	24.1	31.3	31.3
	DAY-HR	15-06	01-10	31-16	04-20	29-14	06-03	26-17	23-15	11-01	12-13	18-06	11-21	DEC
	MINIMUM	1.0	0.2	0.0	0.6	0.0	1.9	3.1	2.5	0.0	0.0	1.0	0.0	0.0
	DAY-HR	01-18	16-23	12-19	07-19	23-00	02-06	13-11	03-00	23-14	14-07	30-21	29-09	DEC
	# OBS	327	692	736	703	730	656	733	741	702	636	231	445	7332
2001	MEAN	10.3	14.4	12.7	16.9	10.7	14.8	13.0	15.1	13.4	15.2	13.2	16.9	13.9
	MAXIMUM	24.5	28.2	22.6	24.5	19.4	21.4	26.6	25.5	21.2	26.6	28.0	28.8	28.8
	DAY-HR	01-14	14-14	10-06	29-10	01-07	26-11	19-16	16-10	28-21	27-22	26-11	13-21	DEC
	MINIMUM	0.0	0.2	0.6	0.4	0.2	3.1	0.4	0.0	1.9	0.2	0.2	0.6	0.0
	DAY-HR	17-14	02-09	17-21	06-10	31-19	01-02	04-03	28-22	12-22	25-05	23-07	24-17	AUG
	# OBS	738	664	738	716	740	711	739	740	716	742	718	743	8705
POR	MEAN	12.4	12.9	13.3	13.7	12.5	12.8	14.1	13.0	11.4	12.3	13.7	13.5	12.9
	MAXIMUM	33.8	32.3	33.4	28.6	25.5	23.3	26.8	25.5	25.7	29.4	35.4	32.7	35.4
	YEAR	1997	1982	1982	2000	1982	1995	1982	2001	1997	1990	1988	1996	NOV/1988
	MINIMUM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	YEAR	2001	1999	2000	1997	2000	1987	1997	2001	2000	2000	1998	2000	AUG/2001
	# OBS	10981	11237	11333	11427	12430	13385	14158	14222	14245	12999	10814	11886	149117

STATION: 51001 -- POR (2/1981 - 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
1981	MEAN	-	18.4	14.9	14.5	14.3	16.5	16.6	14.1	13.9	16.5	17.9	16.1	15.7
	MAXIMUM	-	31.9	27.8	29.5	27.8	23.9	26.8	28.6	25.9	33.4	43.9	33.4	43.9
	DAY-HR	-	11-08	29-17	30-18	01-14	21-16	15-17	19-02	04-05	27-16	23-10	08-00	NOV
	# OBS	-	355	739	718	741	552	423	309	712	717	718	735	6719
1982	MEAN	16.0	20.1	20.9	19.3	16.0	11.4	19.5	19.9	17.3	-	-	-	17.8
	MAXIMUM	33.8	43.2	42.0	33.6	31.3	27.4	32.7	29.4	27.4	-	-	-	43.2
	DAY-HR	07-05	11-22	21-23	06-01	07-03	30-05	15-10	11-18	11-16	-	-	-	FEB
	# OBS	738	668	730	719	741	717	743	739	711	-	-	-	6506
1983	MEAN	-	-	-	-	-	15.9	17.8	-	-	-	-	14.6	15.8
	MAXIMUM	-	-	-	-	-	27.4	26.8	-	-	-	-	33.4	33.4
	DAY-HR	-	-	-	-	-	17-14	06-20	-	-	-	-	13-06	DEC
	# OBS	-	-	-	-	-	715	330	-	-	-	-	621	1666
1984	MEAN	13.5	13.8	12.5	17.2	12.4	14.6	12.5	12.8	10.5	11.5	15.9	16.6	13.7
	MAXIMUM	27.6	26.6	26.8	28.8	22.9	22.0	22.7	24.1	19.2	28.2	32.9	33.2	33.2
	DAY-HR	12-13	05-04	27-07	08-18	20-08	21-22	22-07	15-07	09-09	23-22	27-16	09-03	DEC
	# OBS	742	691	737	717	739	410	233	486	717	743	717	742	7674

1985	MEAN	16.0	15.5	21.4	15.9	17.0	11.8	16.2	14.3	12.9	15.4	14.5	12.7	15.3
	MAXIMUM	42.4	30.7	37.1	30.7	28.4	22.7	27.0	27.4	25.9	29.9	30.7	29.2	42.4
	DAY-HR	14-12	28-08	07-13	01-22	29-15	12-13	29-16	29-04	18-04	27-06	30-20	24-15	JAN
	# OBS	740	672	741	718	744	717	742	744	718	744	720	744	8744
1986	MEAN	11.7	14.9	13.9	-	-	19.2	16.6	15.0	9.4	14.4	16.3	13.0	14.2
	MAXIMUM	23.9	42.6	21.4	-	-	24.7	28.0	24.3	27.2	25.5	29.9	30.9	42.6
	DAY-HR	31-02	04-14	01-09	-	-	20-03	29-15	18-08	28-13	19-15	11-17	02-08	FEB
	# OBS	744	669	40	-	-	305	744	743	720	742	694	742	6143
1987	MEAN	16.5	15.2	13.9	17.0	17.3	16.1	15.1	12.2	15.6	14.2	17.7	-	15.3
	MAXIMUM	32.5	33.0	30.3	30.9	29.7	25.9	24.5	27.2	26.4	29.5	19.8	-	33.0
	DAY-HR	18-18	25-00	31-08	17-01	08-12	05-15	01-14	12-14	24-12	20-18	01-15	-	FEB
	# OBS	740	669	743	719	743	718	744	743	680	483	6	-	6988
1988	MEAN	-	-	15.4	16.8	15.5	15.0	17.4	15.2	13.3	12.8	16.8	16.4	15.5
	MAXIMUM	-	-	26.4	27.2	26.6	24.7	31.3	27.4	23.5	24.5	45.7	35.2	45.7
	DAY-HR	-	-	31-04	01-10	12-09	04-23	07-17	22-20	27-18	15-19	05-04	18-16	NOV
	# OBS	-	-	525	718	741	719	742	740	718	744	719	733	7099
1989	MEAN	17.7	15.6	15.7	-	15.9	14.4	19.3	14.0	14.7	11.5	16.3	14.9	15.3
	MAXIMUM	32.7	29.0	23.3	-	25.5	26.8	32.3	24.7	23.9	28.8	29.4	31.5	32.7
	DAY-HR	12-18	20-03	01-18	-	23-08	29-21	23-22	21-23	19-01	23-10	15-18	13-03	JAN
	# OBS	306	224	22	-	604	681	742	736	716	744	709	468	5952
1990	MEAN	0.0	15.6	17.8	14.3	17.8	17.2	15.6	15.0	15.4	16.7	17.6	18.7	16.6
	MAXIMUM	0.0	29.0	35.4	26.6	29.7	27.2	26.2	22.7	25.9	33.8	46.5	36.5	46.5
	DAY-HR	01-01	19-04	07-11	27-09	04-09	27-00	02-00	20-03	16-18	21-02	18-18	25-07	NOV
	# OBS	1	364	744	711	739	716	740	744	715	737	715	744	7670
1991	MEAN	13.5	15.5	21.5	17.0	15.6	16.2	15.4	17.1	13.5	10.8	-	18.9	16.1
	MAXIMUM	40.6	29.4	32.7	26.0	27.8	25.3	24.7	29.4	26.4	23.1	-	33.8	40.6
	DAY-HR	27-11	11-19	17-21	06-03	28-15	07-17	11-19	09-09	12-09	02-13	-	14-04	JAN
	# OBS	742	672	742	719	744	720	742	739	720	354	-	477	7371
1992	MEAN	15.2	18.5	10.5	12.1	13.2	15.3	16.8	18.3	14.7	15.2	17.3	16.9	15.6
	MAXIMUM	31.3	33.4	20.2	25.9	30.5	28.6	27.6	29.0	25.1	28.0	37.9	29.4	37.9
	DAY-HR	14-10	13-06	03-07	02-09	06-14	17-07	22-20	08-10	04-08	07-05	27-18	06-00	NOV
	# OBS	739	687	280	720	743	717	741	741	720	739	715	738	8280
1993	MEAN	17.5	13.7	14.2	14.7	15.3	14.6	16.3	14.6	11.2	16.3	19.8	19.0	15.6
	MAXIMUM	42.6	32.5	39.5	26.2	31.3	29.4	29.7	29.7	23.9	32.9	34.2	34.0	42.6
	DAY-HR	05-13	01-01	14-15	18-16	02-09	20-07	25-09	11-11	18-09	26-02	23-23	04-23	JAN
	# OBS	736	633	731	716	742	718	739	742	716	738	674	743	8628
1994	MEAN	17.6	14.9	13.9	-	-	16.4	18.1	16.6	15.2	17.2	20.7	18.5	17.2
	MAXIMUM	34.0	32.9	22.9	-	-	27.0	27.8	27.4	27.8	32.9	39.3	34.8	39.3
	DAY-HR	20-00	12-21	04-19	-	-	06-01	19-11	25-07	08-07	19-09	17-11	29-01	NOV
	# OBS	742	654	121	-	-	341	478	741	715	740	701	741	5974
1995	MEAN	16.0	15.8	16.2	19.2	14.7	14.7	17.3	18.4	12.1	17.9	14.4	14.7	16.0
	MAXIMUM	35.6	35.6	33.2	32.3	23.9	27.4	31.3	27.2	22.4	35.0	38.3	32.5	38.3
	DAY-HR	30-03	06-13	05-23	21-22	26-12	15-18	21-18	01-11	29-10	01-12	05-15	30-15	NOV
	# OBS	738	672	742	713	740	716	740	740	715	739	714	742	8711
1996	MEAN	16.6	21.6	19.2	-	-	16.1	17.1	12.8	14.1	12.9	15.5	20.5	16.4
	MAXIMUM	41.2	38.7	28.0	-	-	27.2	26.2	32.1	27.6	26.2	32.9	39.9	41.2
	DAY-HR	30-22	21-03	02-06	-	-	30-12	04-20	17-14	08-12	20-13	08-19	07-07	JAN
	# OBS	737	688	39	-	-	429	837	790	717	576	693	740	6246
1997	MEAN	17.6	13.2	16.5	15.1	16.4	16.1	17.0	13.4	14.3	14.4	10.7	0.0	15.4
	MAXIMUM	40.8	31.7	30.9	27.2	26.6	27.4	26.6	23.5	29.7	28.2	33.8	0.0	40.8
	DAY-HR	29-01	26-06	23-11	26-13	02-12	20-10	01-00	01-01	05-00	03-17	18-09	11-15	JAN
	# OBS	738	659	739	715	741	715	738	738	720	603	65	6	7177
1998	MEAN	-	13.4	12.5	18.0	18.6	17.2	17.8	17.5	15.6	16.4	17.9	17.8	16.8
	MAXIMUM	-	30.9	29.9	29.4	26.8	27.4	30.3	28.8	28.4	32.1	31.9	36.2	36.2
	DAY-HR	-	21-18	22-09	12-15	01-22	29-15	08-15	15-13	15-10	11-07	29-22	15-13	DEC
	# OBS	-	243	720	685	717	694	741	788	682	744	720	734	7468
1999	MEAN	15.6	16.6	19.6	15.2	14.2	17.7	18.2	16.2	16.0	14.3	16.4	18.2	16.4
	MAXIMUM	38.7	32.5	31.7	28.0	29.4	27.8	29.5	30.3	28.2	28.6	31.3	30.3	38.7
	DAY-HR	22-08	03-18	20-07	11-08	13-03	26-16	28-16	31-15	24-16	21-06	05-11	25-18	JAN
	# OBS	733	660	721	719	741	718	740	737	715	734	585	248	8051
2000	MEAN	17.5	13.5	14.9	19.5	12.8	14.6	17.8	16.7	13.2	17.4	17.2	11.9	15.5
	MAXIMUM	33.6	29.7	30.7	39.3	25.3	24.7	30.1	26.4	26.2	28.0	29.2	39.1	39.3
	DAY-HR	15-06	01-10	31-16	04-09	29-14	06-03	07-12	23-15	11-01	12-13	18-06	11-21	APR
	# OBS	327	692	736	703	730	656	733	741	702	634	231	441	7326
2001	MEAN	12.6	17.5	15.5	20.1	12.9	17.6	15.6	18.3	16.1	18.5	16.4	20.8	16.8
	MAXIMUM	30.3	33.8	25.9	30.1	22.4	25.7	32.9	32.9	27.2	33.0	36.7	40.0	40.0
	DAY-HR	01-15	25-06	19-04	29-10	01-08	26-06	20-10	13-12	23-14	27-22	26-11	13-21	DEC
	# OBS	738	664	738	716	740	711	739	722	709	742	718	743	8680

POR	MEAN	15.5	16.0	16.4	16.6	15.3	15.5	17.0	15.7	13.9	15.1	16.9	16.7	15.9
	MAXIMUM	42.6	43.2	42.0	39.3	31.3	29.4	32.9	32.9	29.7	35.0	46.5	40.0	46.5
	YEAR	1993	1982	1982	2000	1993	1993	2001	2001	1997	1995	1990	2001	NOV/1990
	# OBS	10981	11236	11330	11426	12430	13385	14151	14203	14238	12997	10814	11882	149073

STATION: 51001 -- POR (8/2001 - 12/2001)

2 - HIGHEST 5-SECOND AVERAGE DURING PAST HOUR -- MONTHLY & ANNUAL BY YEAR

ELEMENT: HOURLY PEAK WIND GUST (KNOTS)

YEAR	ELEMENT	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
2001	MEAN	-	-	-	-	-	-	-	21.2	17.4	20.1	17.8	22.5	19.5
	MAXIMUM	-	-	-	-	-	-	-	21.2	30.3	36.7	38.9	38.5	38.9
	DAY-HR	-	-	-	-	-	-	-	31-23	26-05	29-06	26-11	13-20	NOV
	MINIMUM	-	-	-	-	-	-	-	21.2	8.4	4.9	2.7	5.2	2.7
	DAY-HR	-	-	-	-	-	-	-	31-23	17-00	25-05	23-06	24-18	NOV
	# OBS	-	-	-	-	-	-	-	1	707	742	718	741	2909
POR	MEAN	-	-	-	-	-	-	-	21.2	17.4	20.1	17.8	22.5	19.5
	MAXIMUM	-	-	-	-	-	-	-	21.2	30.3	36.7	38.9	38.5	38.9
	YEAR	-	-	-	-	-	-	-	2001	2001	2001	2001	2001	NOV/2001
	MINIMUM	-	-	-	-	-	-	-	21.2	8.4	4.9	2.7	5.2	2.7
	YEAR	-	-	-	-	-	-	-	2001	2001	2001	2001	2001	NOV/2001
	# OBS	-	-	-	-	-	-	-	1	707	742	718	741	2909

STATION: 51001 -- POR (2/1981 - 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	-	3.5	2.6	2.4	2.0	1.8	1.9	1.6	1.8	2.1	3.0	3.1	2.4
	MAXIMUM	-	6.3	5.4	4.1	4.2	2.7	2.7	2.5	2.9	4.0	7.2	5.1	7.2
	DAY-HR	-	25-21	17-01	05-17	01-05	30-12	12-01	20-08	05-10	27-17	23-07	08-13	NOV
	# OBS	-	374	737	716	739	433	112	287	703	712	719	735	6267
1982	MEAN	2.9	3.3	3.3	2.6	2.1	1.5	2.1	2.2	2.1	-	-	-	2.5
	MAXIMUM	6.8	7.5	6.9	4.0	3.5	2.4	3.2	3.8	3.4	-	-	-	7.5
	DAY-HR	06-21	12-05	21-20	09-23	28-07	29-23	04-01	02-10	19-21	-	-	-	FEB
	# OBS	740	665	730	720	740	719	742	736	708	-	-	-	6500
1983	MEAN	-	-	-	-	-	1.9	2.2	-	-	-	-	2.5	2.2
	MAXIMUM	-	-	-	-	-	2.8	3.4	-	-	-	-	5.3	5.3
	DAY-HR	-	-	-	-	-	19-10	06-13	-	-	-	-	13-09	DEC
	# OBS	-	-	-	-	-	714	330	-	-	-	-	622	1666
1984	MEAN	2.6	2.6	2.8	2.8	1.8	1.8	1.6	1.7	1.5	-	3.2	3.0	2.4
	MAXIMUM	4.7	6.0	7.7	4.6	3.1	2.4	2.3	2.7	2.4	-	5.6	5.9	7.7
	DAY-HR	03-17	03-08	05-11	14-07	15-18	13-16	24-19	05-01	09-21	-	27-15	09-01	MAR
	# OBS	741	690	735	717	739	410	233	482	315	-	364	741	6167
1985	MEAN	3.4	2.6	3.5	2.4	2.3	1.7	1.9	1.8	1.9	2.3	2.9	3.2	2.5
	MAXIMUM	10.1	4.7	6.5	4.0	4.5	2.7	3.0	2.8	2.9	4.8	6.6	7.9	10.1
	DAY-HR	14-20	14-22	05-23	04-14	20-17	22-10	30-10	09-12	29-05	28-15	19-19	21-11	JAN
	# OBS	740	667	738	716	738	715	732	738	715	741	719	743	8702
1986	MEAN	2.6	3.6	2.9	-	-	2.3	2.1	2.0	1.6	2.5	3.0	3.1	2.5
	MAXIMUM	5.1	9.5	4.3	-	-	3.1	3.4	4.0	3.1	6.3	5.5	6.0	9.5
	DAY-HR	06-21	23-08	02-05	-	-	20-05	10-17	13-22	25-08	31-20	03-19	09-17	FEB
	# OBS	742	666	40	-	-	300	741	740	720	742	687	742	6120
1987	MEAN	3.2	3.3	2.8	2.9	2.3	2.0	1.8	1.7	2.1	2.3	2.3	-	2.5
	MAXIMUM	7.6	6.8	5.6	5.2	3.8	2.9	2.7	2.8	3.7	3.8	2.3	-	7.6
	DAY-HR	09-17	05-05	02-13	23-05	07-10	16-13	21-11	31-22	25-21	23-09	01-09	-	JAN
	# OBS	737	668	743	713	738	714	742	743	679	482	4	-	6963
1988	MEAN	-	-	2.6	2.4	2.1	1.8	2.0	1.8	1.8	2.0	2.7	3.0	2.2
	MAXIMUM	-	-	5.0	3.9	3.1	3.4	3.3	2.7	3.1	3.8	12.3	7.2	12.3
	DAY-HR	-	-	15-11	15-10	07-21	10-15	07-01	04-09	05-14	16-16	05-04	07-16	NOV
	# OBS	-	-	524	714	742	718	742	735	716	742	718	743	7094
1989	MEAN	3.3	3.1	3.5	-	2.1	1.8	2.3	1.7	1.8	2.2	2.7	2.7	2.3
	MAXIMUM	8.4	6.0	4.0	-	2.9	3.1	3.2	2.7	3.2	4.2	6.2	5.0	8.4

	DAY-HR	29-03	03-09	01-15	-	25-08	04-18	21-14	21-12	29-03	10-08	16-22	01-15	JAN
	# OBS	305	223	22	-	598	708	739	728	710	742	717	739	6231
1990	MEAN	3.3	3.4	3.1	2.1	2.2	2.1	1.9	1.8	2.0	2.1	3.3	3.1	2.5
	MAXIMUM	8.1	5.4	5.6	4.6	3.8	3.6	3.0	2.5	3.3	3.5	7.8	5.2	8.1
	DAY-HR	21-18	08-12	07-20	08-05	04-07	17-11	02-10	27-23	25-09	12-04	18-18	14-22	JAN
	# OBS	401	467	740	708	736	712	736	739	712	737	717	744	8149
1991	MEAN	2.8	3.2	3.4	2.4	2.0	2.1	1.7	2.0	2.0	2.0	-	3.2	2.4
	MAXIMUM	7.3	6.3	5.5	3.9	3.1	3.2	2.7	4.3	3.4	3.1	-	7.0	7.3
	DAY-HR	28-04	28-08	03-14	12-20	12-18	08-11	17-16	09-09	15-01	10-10	-	20-07	JAN
	# OBS	742	671	741	715	743	718	740	732	715	249	-	477	7243
1992	MEAN	3.5	3.2	2.1	2.1	1.9	1.8	1.9	1.9	2.0	2.3	2.9	2.8	2.4
	MAXIMUM	7.2	6.3	3.2	3.5	3.6	2.8	3.0	2.4	3.5	3.7	5.6	5.5	7.2
	DAY-HR	27-20	25-10	03-00	02-07	07-11	14-21	09-16	21-20	19-20	07-07	28-00	14-09	JAN
	# OBS	739	686	279	718	743	717	739	740	717	737	706	715	8236
1993	MEAN	3.1	3.3	2.7	2.4	2.1	1.8	2.2	2.0	1.6	2.5	3.0	3.1	2.5
	MAXIMUM	6.8	8.1	5.3	5.4	3.9	2.8	3.7	4.1	2.9	4.5	6.0	5.6	8.1
	DAY-HR	06-04	06-06	14-22	16-21	05-21	05-15	28-21	17-06	29-20	26-16	02-18	02-23	FEB
	# OBS	735	610	723	716	741	710	723	735	716	736	717	743	8605
1994	MEAN	3.3	2.6	1.9	-	-	1.8	1.6	-	-	-	-	3.4	2.8
	MAXIMUM	6.8	4.4	2.7	-	-	2.3	2.2	-	-	-	-	6.4	6.8
	DAY-HR	31-00	23-04	01-09	-	-	16-17	18-21	-	-	-	-	20-01	JAN
	# OBS	742	644	119	-	-	338	141	-	-	-	-	557	2541
1995	MEAN	3.5	2.8	2.7	2.8	1.9	1.8	2.0	2.1	1.9	2.3	2.6	2.9	2.4
	MAXIMUM	7.2	6.0	5.3	4.6	5.0	2.6	3.1	3.2	5.5	3.6	6.3	6.3	7.2
	DAY-HR	31-10	11-06	13-03	17-10	06-19	11-20	11-12	09-12	22-05	09-09	23-09	25-18	JAN
	# OBS	738	672	742	712	740	714	740	740	716	739	715	742	8710
1996	MEAN	3.0	4.0	3.3	-	-	2.0	2.1	1.6	2.1	2.6	3.6	3.6	2.7
	MAXIMUM	7.7	7.9	3.9	-	-	3.0	3.5	2.3	3.8	5.2	7.8	7.1	7.9
	DAY-HR	11-07	07-11	01-00	-	-	20-18	20-08	19-20	26-11	27-12	14-10	15-10	FEB
	# OBS	737	688	3	-	-	427	837	790	716	574	693	740	6205
1997	MEAN	3.6	3.3	3.0	2.7	2.2	2.2	2.2	2.1	2.3	1.9	3.1	2.7	2.6
	MAXIMUM	6.0	6.3	5.1	6.8	3.4	3.5	3.6	3.0	3.1	2.6	4.6	5.3	6.8
	DAY-HR	09-21	13-12	24-14	02-12	02-23	20-14	01-01	12-20	19-10	21-15	18-13	22-18	APR
	# OBS	738	658	738	712	735	715	730	722	476	362	60	167	6813
1998	MEAN	4.0	3.1	2.6	2.7	2.4	2.0	-	2.1	1.9	2.2	2.8	3.3	2.6
	MAXIMUM	8.4	6.8	5.8	4.7	4.3	3.5	-	3.1	4.5	4.7	7.4	9.2	9.2
	DAY-HR	28-21	13-21	24-01	11-04	02-14	23-10	-	25-08	21-20	29-03	11-18	31-23	DEC
	# OBS	239	383	720	685	717	569	-	489	681	743	717	734	6677
1999	MEAN	3.2	2.9	2.9	2.3	1.9	2.0	2.1	1.7	1.9	2.0	2.5	3.2	2.3
	MAXIMUM	8.4	6.6	6.2	6.2	3.5	3.1	3.1	2.8	3.3	3.6	4.9	6.8	8.4
	DAY-HR	01-03	27-04	21-09	04-22	31-20	01-08	21-03	31-22	20-11	20-04	04-12	25-03	JAN
	# OBS	732	657	721	717	739	715	731	727	714	734	583	248	8018
2000	MEAN	2.6	2.6	2.7	2.6	1.8	1.8	2.1	1.9	2.0	2.3	2.8	3.0	2.3
	MAXIMUM	4.7	5.8	5.3	5.6	2.9	2.6	3.4	3.7	4.2	9.1	4.3	6.9	9.1
	DAY-HR	27-03	20-01	16-00	04-20	13-08	05-15	07-15	21-16	27-21	14-09	17-15	14-09	OCT
	# OBS	326	692	736	701	730	655	730	737	698	634	231	439	7309
2001	MEAN	2.8	2.9	2.5	2.6	1.6	1.9	1.8	2.1	1.9	2.5	2.7	3.5	2.4
	MAXIMUM	6.8	5.1	4.7	3.9	3.2	4.2	3.9	3.7	3.4	4.8	4.7	6.8	6.8
	DAY-HR	13-02	15-19	09-22	14-11	01-12	26-12	31-20	01-06	17-15	28-07	26-13	27-05	DEC
	# OBS	738	664	738	713	670	708	650	712	707	742	718	741	8501
POR	MEAN	3.1	3.1	2.8	2.5	2.0	1.9	2.0	1.9	1.9	2.3	2.9	3.1	2.4
	MAXIMUM	10.1	9.5	7.7	6.8	5.0	4.2	3.9	4.3	5.5	9.1	12.3	9.2	12.3
	YEAR	1985	1986	1984	1997	1995	2001	2001	1991	1995	2000	1988	1998	NOV/1988
	# OBS	11612	11445	11269	11393	12328	13129	12610	13052	12834	11148	9785	12112	142717

STATION: 51001

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

Month: JAN

	WIND DIRECTION													
WIND SPEED	CALM	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34	TOT %	TOT N
0	0.2	*	*	*	*	*	*	0.1	*	*	0.1	*	-	0.6	67
1 - 3		0.5	0.5	0.4	0.6	0.7	0.7	0.7	0.4	0.4	0.3	0.4	0.3	5.9	646
4 - 6		0.8	0.8	1.0	1.2	1.5	1.4	1.3	0.8	0.6	0.6	0.6	0.8	11.4	1250
7 - 10		1.4	2.1	2.7	3.3	2.9	1.9	1.9	1.9	1.5	1.2	0.9	1.2	22.8	2502
11 - 15		1.9	2.5	3.9	5.6	3.0	1.1	2.0	2.4	2.2	1.2	1.5	1.4	28.6	3139
16 - 20		1.6	2.1	3.6	4.7	1.1	0.6	0.8	1.8	1.6	0.8	1.4	1.3	21.3	2338
21 - 24		0.4	1.0	1.4	1.2	0.1	0.1	0.3	0.6	0.7	0.4	0.5	0.6	7.1	783
25 - 33		*	0.3	0.4	0.1	-	-	*	0.1	0.3	0.4	0.3	0.2	2.3	254

34 - 47	-	-	*	-	-	-	-	-	*	-	-	-	0.0	2
> 48	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.2	6.7	9.3	13.4	16.7	9.2	5.7	7.0	8.1	7.3	4.9	5.6	5.7	100.0	
TOTAL N	26	738	1023	1476	1833	1014	630	774	890	799	538	611	629		10981

(* < 0.05%)

STATION: 51001

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

Month: FEB

WIND DIRECTION

WIND SPEED	CALM	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34	TOT %	TOT N
0	0.2	0.1	*	*	*	-	*	0.1	*	*	0.1	*	*	0.7	76
1 - 3		0.5	0.5	0.6	0.5	0.5	0.4	0.4	0.3	0.4	0.4	0.3	0.3	5.1	573
4 - 6		0.5	0.8	0.9	1.3	1.2	0.6	0.7	0.8	0.5	0.6	0.5	0.6	9.0	1006
7 - 10		1.3	1.5	3.1	3.4	2.9	1.5	1.5	1.4	1.4	1.0	1.1	1.1	21.1	2375
11 - 15		1.9	2.2	4.8	7.5	2.6	1.1	1.5	2.1	2.3	1.0	1.6	1.9	30.6	3435
16 - 20		1.2	2.5	6.0	4.9	0.6	0.2	0.6	1.1	1.8	1.0	1.7	1.4	23.0	2586
21 - 24		0.4	1.3	2.1	1.7	0.2	-	0.1	0.6	0.5	0.4	0.8	0.6	8.9	997
25 - 33		*	*	0.5	0.6	*	-	*	0.1	0.2	0.1	0.1	0.1	1.7	189
34 - 47		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.2	5.8	8.9	18.1	19.9	8.1	3.8	4.9	6.4	7.2	4.4	6.0	6.1	100.0	
TOTAL N	27	655	999	2029	2240	914	430	555	722	808	498	678	682		11237

(* < 0.05%)

STATION: 51001

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

Month: MAR

WIND DIRECTION

WIND SPEED	CALM	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34	TOT %	TOT N
0	0.2	*	*	-	*	*	*	*	-	*	*	*	*	0.4	47
1 - 3		0.3	0.3	0.7	0.7	0.5	0.6	0.2	0.3	0.2	0.3	0.1	0.2	4.4	500
4 - 6		0.6	1.1	1.7	1.6	1.0	0.9	0.5	0.5	0.5	0.4	0.2	0.5	9.7	1102
7 - 10		0.9	1.7	3.2	4.4	2.9	1.4	1.5	0.6	0.9	0.4	0.3	0.7	18.9	2142
11 - 15		1.2	3.0	7.3	7.7	4.0	0.8	1.0	0.8	0.6	0.5	0.6	0.8	28.2	3199
16 - 20		1.4	3.1	10.4	7.9	1.2	0.3	0.1	0.3	0.3	0.4	0.7	1.0	27.1	3071
21 - 24		0.2	1.3	4.1	2.9	0.2	*	*	*	*	0.2	0.2	0.3	9.5	1074
25 - 33		*	*	1.1	0.4	0.2	-	*	-	-	*	0.1	*	1.7	198
34 - 47		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.2	4.6	10.6	28.4	25.7	10.0	4.1	3.5	2.5	2.7	2.3	2.1	3.5	100.0	
TOTAL N	19	519	1203	3222	2909	1129	462	392	283	304	256	236	399		11333

(* < 0.05%)

STATION: 51001

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

Month: APR

WIND DIRECTION

WIND SPEED	CALM	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34	TOT %	TOT N
0	0.1	0.1	*	*	*	-	-	0.1	-	*	*	-	*	0.3	34
1 - 3		0.3	0.3	0.2	0.4	0.2	0.1	0.2	0.1	0.1	0.2	0.1	0.2	2.6	295
4 - 6		0.5	0.5	0.9	0.9	0.9	0.4	0.3	0.3	0.2	0.2	0.2	0.4	5.6	640
7 - 10		0.5	1.6	4.2	4.2	2.0	0.6	0.4	0.4	0.3	0.3	0.2	0.3	15.0	1719
11 - 15		1.3	3.3	13.1	16.7	3.2	0.4	0.2	0.2	0.1	*	0.1	0.3	39.0	4458
16 - 20		0.7	3.8	13.6	11.7	0.9	0.1	0.1	*	*	*	0.1	0.2	31.3	3582
21 - 24		0.1	0.9	2.6	1.6	0.2	*	-	*	-	-	-	-	5.5	624
25 - 33		-	*	0.5	0.1	*	-	-	-	-	-	-	-	0.7	75
34 - 47		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.1	3.6	10.5	35.2	35.7	7.4	1.6	1.3	1.1	0.8	0.7	0.7	1.4	100.0	
TOTAL N	9	410	1205	4018	4076	844	180	144	126	90	82	78	165		11427

(* < 0.05%)

STATION: 51001

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

Month: MAY

WIND DIRECTION

WIND SPEED	CALM	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34	TOT %	TOT N
0	0.1	*	*	*	*	*	*	*	*	-	*	-	*	0.3	41
1 - 3		0.3	0.3	0.3	0.5	0.4	0.4	0.3	0.3	0.2	0.3	0.2	0.2	3.7	459
4 - 6		0.4	0.8	1.3	1.6	1.1	0.7	0.5	0.3	0.2	0.3	0.3	0.2	7.6	949
7 - 10		0.7	2.0	4.4	6.4	2.7	0.8	0.5	0.4	0.2	0.5	0.3	0.2	19.0	2362

11 - 15	0.9	3.1	14.8	16.9	3.3	0.3	0.4	0.2	0.2	0.6	0.2	0.2	41.2	5121
16 - 20	0.4	2.8	13.3	8.0	0.9	0.2	0.2	0.1	0.1	0.1	*	*	26.1	3239
21 - 24	-	0.6	1.1	0.2	0.1	0.1	*	*	-	-	-	*	2.0	253
25 - 33	-	*	*	*	-	-	-	-	-	-	-	-	0.0	6
34 - 47	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48	*	-	-	-	-	-	-	-	-	-	-	-	0.0	1
TOTAL %	0.1	2.7	9.5	35.1	33.7	8.4	2.5	1.9	1.2	1.1	1.8	1.0	1.0	100.0
TOTAL N	11	333	1177	4369	4193	1047	305	235	155	137	219	126	124	12431

(* < 0.05%)

STATION: 51001

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

Month: JUN

	WIND DIRECTION													
WIND SPEED	CALM	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34	TOT %	TOT N
0	0.0	*	-	*	*	-	*	*	-	-	-	-	-	0.1	18
1 - 3		0.2	0.5	0.5	0.3	0.2	0.2	0.1	0.1	0.1	0.1	0.1	*	2.3	303
4 - 6		0.2	0.8	1.4	1.1	0.5	0.3	0.1	0.1	0.1	0.2	0.1	0.2	5.1	687
7 - 10		0.2	1.2	5.9	6.8	1.4	0.2	0.1	*	*	0.1	*	*	15.9	2127
11 - 15		0.2	1.4	21.1	27.7	1.9	0.1	*	-	*	-	-	*	52.5	7026
16 - 20		0.1	0.3	10.9	11.9	0.4	0.1	*	-	-	-	-	-	23.7	3169
21 - 24		-	-	0.2	0.2	*	*	-	-	-	-	-	-	0.4	55
25 - 33		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
34 - 47		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.0	0.9	4.1	40.0	48.1	4.4	0.9	0.3	0.2	0.2	0.3	0.2	0.3	100.0	
TOTAL N	4	122	549	5356	6434	591	114	46	33	28	40	29	39		13385

(* < 0.05%)

STATION: 51001

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

Month: JUL

	WIND DIRECTION													
WIND SPEED	CALM	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34	TOT %	TOT N
0	0.0	*	-	*	*	-	-	*	-	-	-	-	-	0.1	11
1 - 3		0.1	0.2	0.2	0.2	0.1	*	*	*	-	*	-	*	0.9	131
4 - 6		0.2	0.3	0.6	0.9	0.3	0.1	0.1	*	*	*	-	*	2.6	364
7 - 10		0.1	0.5	3.9	5.0	1.3	0.1	0.1	*	-	*	-	*	11.0	1564
11 - 15		*	1.2	21.4	24.1	1.9	0.1	*	-	-	-	-	-	48.8	6903
16 - 20		-	0.4	16.4	17.5	0.7	*	*	-	-	-	-	-	35.0	4959
21 - 24		-	*	0.8	0.7	*	-	-	-	-	-	-	-	1.6	220
25 - 33		-	-	*	*	*	-	-	-	-	-	-	-	0.0	6
34 - 47		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.0	0.4	2.6	43.4	48.4	4.4	0.4	0.1	0.1	0.0	0.0	0.0	0.1	100.0	
TOTAL N	4	55	374	6145	6859	619	59	21	8	1	3	0	10		14158

(* < 0.05%)

STATION: 51001

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

Month: AUG

	WIND DIRECTION													
WIND SPEED	CALM	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34	TOT %	TOT N
0	0.2	*	*	*	*	-	*	*	-	*	*	-	*	0.4	53
1 - 3		0.1	0.2	0.4	0.4	0.2	0.2	0.2	*	*	*	0.2	0.2	2.1	292
4 - 6		0.2	0.4	1.2	1.5	0.7	0.5	0.1	*	0.1	*	0.1	0.1	4.9	695
7 - 10		0.1	0.6	5.8	7.4	1.8	0.5	0.1	*	*	*	0.1	*	16.4	2338
11 - 15		0.1	0.7	17.7	28.2	2.3	0.1	-	-	-	-	*	*	49.1	6979
16 - 20		-	0.2	10.5	14.8	0.6	*	*	-	-	-	-	-	26.2	3721
21 - 24		-	*	0.5	0.5	*	-	-	-	-	-	-	-	1.0	141
25 - 33		-	-	-	*	-	-	-	-	-	-	-	-	0.0	3
34 - 47		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.2	0.5	2.1	36.1	52.7	5.6	1.3	0.4	0.1	0.1	0.1	0.4	0.3	100.0	
TOTAL N	22	74	297	5133	7500	795	182	62	18	21	19	58	41		14222

(* < 0.05%)

STATION: 51001

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

Month: SEP

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

0	0.2	*	*	*	*	*	*	*	*	*	*	*	*	0.5	67
1 - 3		0.3	0.4	0.5	0.8	0.6	0.5	0.4	0.2	0.1	0.2	0.2	0.2	4.4	627
4 - 6		0.4	0.9	1.4	1.8	1.2	0.8	0.6	0.3	0.2	0.2	0.2	0.3	8.3	1185
7 - 10		0.5	1.9	7.7	8.9	3.4	1.5	0.6	0.2	0.4	0.3	0.1	0.2	25.5	3633
11 - 15		0.2	1.2	16.9	23.9	2.4	0.4	0.2	0.3	0.1	0.1	*	0.1	45.9	6532
16 - 20		*	0.1	5.9	8.5	0.4	*	*	*	*	-	-	*	15.0	2143
21 - 24		-	*	0.1	0.2	*	-	-	*	-	*	-	-	0.4	57
25 - 33		*	-	-	-	-	-	-	-	-	-	-	-	0.0	1
34 - 47		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.2	1.4	4.6	32.5	44.2	8.0	3.3	1.8	1.1	0.8	0.8	0.5	0.8	100.0	
TOTAL N	31	199	656	4628	6302	1140	466	255	160	118	109	73	108		14245

(* < 0.05%)

STATION: 51001

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

Month: OCT

	WIND DIRECTION														
WIND SPEED	CALM	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34	TOT %	TOT N
0	0.5	0.1	*	*	0.1	*	*	0.1	*	*	*	*	*	0.9	121
1 - 3		0.3	0.5	0.6	0.5	0.5	0.4	0.4	0.3	0.2	0.3	0.2	0.3	4.5	591
4 - 6		0.6	1.1	1.6	1.6	1.2	0.7	0.5	0.3	0.3	0.4	0.4	0.4	9.0	1174
7 - 10		0.9	1.9	4.4	5.2	2.3	1.2	0.6	0.5	0.3	0.2	0.2	0.4	18.1	2350
11 - 15		0.9	2.9	12.6	16.9	4.4	1.0	0.8	0.4	0.1	0.1	0.1	0.2	40.3	5243
16 - 20		0.4	2.1	9.6	10.9	1.0	0.4	0.3	*	*	-	*	*	24.8	3222
21 - 24		*	0.1	1.0	0.6	0.2	0.1	*	*	-	-	-	-	2.1	277
25 - 33		*	-	*	*	-	*	0.1	-	-	-	-	-	0.2	21
34 - 47		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.5	3.2	8.6	29.9	35.8	9.6	4.0	2.7	1.5	0.9	1.0	0.9	1.3	100.0	
TOTAL N	65	416	1122	3883	4660	1248	514	346	201	122	129	122	171		12999

(* < 0.05%)

STATION: 51001

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

Month: NOV

	WIND DIRECTION														
WIND SPEED	CALM	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34	TOT %	TOT N
0	0.2	*	*	*	*	*	*	*	*	-	*	*	*	0.4	48
1 - 3		0.4	0.3	0.3	0.5	0.3	0.2	0.2	0.3	0.1	0.3	0.2	0.3	3.3	361
4 - 6		0.6	0.9	1.0	1.0	0.8	0.4	0.4	0.4	0.4	0.4	0.4	0.4	7.1	763
7 - 10		1.0	2.0	3.7	4.0	2.4	1.3	0.6	0.6	0.7	0.7	0.5	0.5	17.8	1925
11 - 15		1.2	3.1	7.6	11.3	4.5	1.3	0.7	0.4	0.4	0.6	0.2	0.6	32.1	3472
16 - 20		1.0	2.7	9.1	9.2	3.9	0.8	0.7	0.3	0.2	0.4	0.2	0.6	29.2	3159
21 - 24		0.4	1.8	2.9	1.2	0.5	0.1	0.3	0.1	0.1	0.1	0.1	0.2	7.8	839
25 - 33		*	0.6	0.7	0.4	0.2	0.1	0.2	0.1	*	-	-	*	2.2	239
34 - 47		*	*	*	-	*	-	-	-	-	-	-	-	0.1	8
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.2	4.7	11.3	25.4	27.5	12.7	4.2	3.1	2.1	1.9	2.4	1.8	2.7	100.0	
TOTAL N	25	507	1223	2742	2976	1374	459	330	231	208	256	190	293		10814

(* < 0.05%)

STATION: 51001

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

Month: DEC

	WIND DIRECTION														
WIND SPEED	CALM	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34	TOT %	TOT N
0	0.6	0.1	0.1	*	*	*	0.1	0.1	*	-	*	*	*	1.0	121
1 - 3		0.4	0.3	0.3	0.5	0.5	0.5	0.4	0.2	0.2	0.3	0.3	0.3	4.3	509
4 - 6		0.7	0.8	0.8	0.9	1.0	0.8	0.6	0.5	0.4	0.5	0.5	0.6	8.1	968
7 - 10		1.3	1.4	2.2	3.1	2.9	1.3	0.9	1.2	1.1	1.3	1.0	0.8	18.6	2208
11 - 15		1.6	2.3	4.4	7.0	4.1	1.0	1.2	1.5	1.7	1.6	0.9	1.6	28.9	3439
16 - 20		0.7	1.9	6.3	10.3	2.0	0.3	0.6	0.8	1.3	1.0	1.1	1.2	27.4	3258
21 - 24		0.5	0.7	2.1	3.6	0.4	0.1	0.2	0.4	0.2	0.2	0.5	0.5	9.4	1122
25 - 33		*	0.6	0.6	0.3	0.1	0.2	*	0.1	0.1	*	0.1	*	2.2	261
34 - 47		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.6	5.3	8.1	16.8	25.7	10.9	4.2	4.1	4.8	5.0	5.0	4.4	5.0	100.0	
TOTAL N	74	626	958	1999	3060	1295	505	489	569	592	599	523	597		11886

(* < 0.05%)

STATION: 51001

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

All Months: Annual

WIND SPEED	CALM	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34	TOT %	TOT N
		WIND DIRECTION													
0	0.2	*	*	*	*	*	*	*	*	*	*	*	*	0.5	704
1 - 3		0.3	0.4	0.4	0.5	0.4	0.3	0.3	0.2	0.2	0.2	0.2	0.2	3.5	5287
4 - 6		0.4	0.8	1.2	1.3	0.9	0.6	0.4	0.3	0.3	0.3	0.3	0.4	7.2	10783
7 - 10		0.7	1.5	4.4	5.3	2.4	1.0	0.7	0.6	0.5	0.5	0.4	0.4	18.3	27245
11 - 15		0.9	2.2	12.7	16.8	3.1	0.6	0.6	0.6	0.6	0.4	0.4	0.5	39.5	58946
16 - 20		0.6	1.7	9.8	10.3	1.1	0.2	0.3	0.3	0.4	0.3	0.4	0.4	25.8	38447
21 - 24		0.2	0.6	1.5	1.1	0.1	*	0.1	0.1	0.1	0.1	0.2	0.2	4.3	6442
25 - 33		*	0.1	0.3	0.1	*	*	*	*	*	*	*	*	0.8	1253
34 - 47		*	*	*	-	*	-	-	-	*	-	-	-	0.0	10
> 48		*	-	-	-	-	-	-	-	-	-	-	-	0.0	1
TOTAL %	0.2	3.1	7.2	30.2	35.6	8.1	2.9	2.4	2.3	2.2	1.8	1.8	2.2	100.0	
TOTAL N	317	4654	10786	45000	53042	12010	4306	3649	3396	3228	2748	2724	3258		149118

(* < 0.05%)

STATION: 51001

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

Months: DEC, JAN, FEB (Winter)

WIND SPEED	CALM	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34	TOT %	TOT N
		WIND DIRECTION													
0	0.4	0.1	*	*	*	*	*	0.1	*	*	0.1	*	*	0.8	264
1 - 3		0.5	0.5	0.4	0.6	0.6	0.5	0.5	0.3	0.3	0.3	0.3	0.3	5.1	1728
4 - 6		0.7	0.8	0.9	1.1	1.2	0.9	0.8	0.7	0.5	0.6	0.5	0.7	9.5	3224
7 - 10		1.3	1.7	2.6	3.2	2.9	1.5	1.4	1.5	1.3	1.2	1.0	1.0	20.8	7085
11 - 15		1.8	2.3	4.4	6.7	3.3	1.1	1.6	2.0	2.0	1.3	1.3	1.6	29.4	10013
16 - 20		1.2	2.1	5.4	6.7	1.2	0.4	0.7	1.2	1.6	0.9	1.4	1.3	24.0	8182
21 - 24		0.4	1.0	1.9	2.2	0.2	0.1	0.2	0.5	0.5	0.3	0.6	0.6	8.5	2902
25 - 33		*	0.3	0.5	0.4	*	0.1	*	0.1	0.2	0.2	0.2	0.1	2.1	704
34 - 47		-	-	*	-	-	-	-	-	*	-	-	-	0.0	2
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.4	5.9	8.7	16.1	20.9	9.5	4.6	5.3	6.4	6.4	4.8	5.3	5.6	100.0	
TOTAL N	127	2019	2980	5504	7133	3223	1565	1818	2181	2199	1635	1812	1908		34104

(* < 0.05%)

STATION: 51001

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

Months: MAR, APR, MAY (Spring)

WIND SPEED	CALM	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34	TOT %	TOT N
		WIND DIRECTION													
0	0.1	*	*	*	*	*	*	*	*	*	*	*	*	0.3	122
1 - 3		0.3	0.3	0.4	0.6	0.4	0.4	0.2	0.3	0.2	0.2	0.2	0.2	3.6	1254
4 - 6		0.5	0.8	1.3	1.4	1.0	0.7	0.4	0.4	0.3	0.3	0.2	0.4	7.6	2691
7 - 10		0.7	1.8	3.9	5.1	2.5	0.9	0.8	0.5	0.5	0.4	0.3	0.4	17.7	6223
11 - 15		1.1	3.1	11.8	13.9	3.5	0.5	0.5	0.4	0.3	0.4	0.3	0.4	36.3	12778
16 - 20		0.8	3.2	12.5	9.2	1.0	0.2	0.1	0.1	0.2	0.2	0.2	0.4	28.1	9892
21 - 24		0.1	0.9	2.6	1.5	0.1	*	*	*	*	0.1	0.1	0.1	5.5	1951
25 - 33		*	*	0.5	0.1	0.1	-	*	-	-	*	*	*	0.8	279
34 - 47		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48		*	-	-	-	-	-	-	-	-	-	-	-	0.0	1
TOTAL %	0.1	3.6	10.2	33.0	31.8	8.6	2.7	2.2	1.6	1.5	1.6	1.3	2.0	100.0	
TOTAL N	39	1262	3585	11609	11178	3020	947	771	564	531	557	440	688		35191

(* < 0.05%)

STATION: 51001

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

Months: JUN, JUL, AUG (Summer)

WIND SPEED	CALM	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34	TOT %	TOT N
		WIND DIRECTION													
0	0.1	*	*	*	*	-	*	*	-	*	*	-	*	0.2	82
1 - 3		0.1	0.3	0.4	0.3	0.2	0.1	0.1	*	*	*	0.1	0.1	1.7	726
4 - 6		0.2	0.5	1.1	1.2	0.5	0.3	0.1	0.1	0.1	0.1	0.1	0.1	4.2	1746
7 - 10		0.1	0.7	5.2	6.4	1.5	0.3	0.1	*	*	*	*	*	14.4	6029
11 - 15		0.1	1.1	20.0	26.7	2.0	0.1	*	-	*	-	*	*	50.1	20908
16 - 20		*	0.3	12.6	14.8	0.6	*	*	-	-	-	-	-	28.4	11849
21 - 24		-	*	0.5	0.5	*	*	-	-	-	-	-	-	1.0	416
25 - 33		-	-	*	*	*	-	-	-	-	-	-	-	0.0	9
34 - 47		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.1	0.6	2.9	39.8	49.8	4.8	0.8	0.3	0.1	0.1	0.1	0.2	0.2	100.0	
TOTAL N	30	251	1220	16634	20793	2005	355	129	59	50	62	87	90		41765

(* < 0.05%)

STATION: 51001

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

Months: SEP, OCT, NOV (Autumn)

	WIND DIRECTION														
WIND SPEED	CALM	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34	TOT %	TOT N
0	0.3	*	*	*	0.1	*	*	*	*	*	*	*	*	0.6	236
1 - 3		0.3	0.4	0.5	0.6	0.5	0.4	0.3	0.3	0.2	0.2	0.2	0.2	4.1	1579
4 - 6		0.5	1.0	1.4	1.5	1.1	0.7	0.5	0.3	0.3	0.3	0.3	0.4	8.2	3122
7 - 10		0.7	1.9	5.4	6.2	2.7	1.4	0.6	0.4	0.4	0.4	0.3	0.3	20.8	7908
11 - 15		0.7	2.3	12.8	17.9	3.7	0.9	0.5	0.4	0.2	0.2	0.1	0.3	40.1	15247
16 - 20		0.4	1.5	8.1	9.5	1.6	0.4	0.3	0.1	0.1	0.1	0.1	0.2	22.4	8524
21 - 24		0.1	0.5	1.2	0.7	0.2	0.1	0.1	*	*	*	*	0.1	3.1	1173
25 - 33		*	0.2	0.2	0.1	0.1	*	0.1	*	*	-	-	*	0.7	261
34 - 47		*	*	*	-	*	-	-	-	-	-	-	-	0.0	8
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.3	2.9	7.9	29.6	36.6	9.9	3.8	2.4	1.6	1.2	1.3	1.0	1.5	100.0	
TOTAL N	121	1122	3001	11253	13938	3762	1439	931	592	448	494	385	572		38058

(* < 0.05%)

STATION: 51001

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

Month: JAN

	WAVE HEIGHT																
WIND SPEED	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	TOT %	TOT N
0	-	-	0.3	0.2	0.1	*	-	-	-	-	-	-	-	-	-	0.6	67
1 - 3	-	0.1	2.0	2.0	0.9	0.4	0.2	*	*	-	-	-	-	-	-	5.6	645
4 - 6	-	0.2	4.2	3.9	1.6	0.6	0.2	*	*	-	-	-	-	-	-	10.7	1248
7 - 10	-	0.5	8.6	7.7	3.3	0.9	0.4	0.1	-	-	-	-	-	-	-	21.5	2500
11 - 15	-	0.4	8.2	11.7	4.3	1.8	0.4	0.1	*	-	-	-	-	-	-	27.0	3137
16 - 20	-	*	2.7	9.8	5.0	1.8	0.5	0.2	*	-	-	-	-	-	-	20.1	2336
21 - 24	-	-	0.3	2.2	2.8	0.9	0.3	0.1	*	-	-	-	-	-	-	6.7	781
25 - 33	-	-	*	0.1	0.7	0.8	0.3	0.1	0.1	*	*	-	-	-	-	2.2	254
34 - 47	-	-	-	-	-	*	-	-	-	-	-	-	-	-	-	0.0	2
> 48	-	*	0.6	2.6	1.3	0.6	0.2	0.1	0.1	-	-	-	-	-	-	5.5	642
TOTAL %	0.0	1.2	26.9	40.3	20.0	7.9	2.5	0.8	0.3	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	0	143	3121	4674	2328	920	291	96	32	4	3	0	0	0	0		11612

(* < 0.05%)

STATION: 51001

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

Month: FEB

	WAVE HEIGHT																
WIND SPEED	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	TOT %	TOT N
0	-	*	0.3	0.3	*	*	-	-	-	-	-	-	-	-	-	0.7	75
1 - 3	-	0.1	1.8	2.2	0.5	0.2	0.1	*	-	-	-	-	-	-	-	5.0	570
4 - 6	-	0.1	3.4	3.6	1.2	0.4	0.1	*	*	-	-	-	-	-	-	8.7	1000
7 - 10	-	0.3	7.0	8.7	3.2	1.2	0.2	*	-	-	-	-	-	-	-	20.6	2359
11 - 15	-	0.1	10.5	12.3	4.5	1.8	0.5	0.1	*	-	-	-	-	-	-	29.8	3413
16 - 20	-	-	3.1	12.0	5.1	1.6	0.6	0.1	0.1	*	*	-	-	-	-	22.5	2578
21 - 24	-	-	0.2	3.1	3.6	1.3	0.3	0.1	0.1	*	-	-	-	-	-	8.7	993
25 - 33	-	-	*	0.1	0.9	0.4	0.1	0.1	*	-	-	-	-	-	-	1.7	189
34 - 47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48	-	-	0.1	1.2	0.7	0.3	0.1	*	-	-	-	-	-	-	-	2.3	268
TOTAL %	0.0	0.7	26.4	43.5	19.6	7.2	1.9	0.5	0.2	0.1	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	0	75	3020	4973	2247	821	219	62	18	9	1	0	0	0	0		11445

(* < 0.05%)

STATION: 51001

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

Month: MAR

	WAVE HEIGHT																
WIND SPEED	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	TOT %	TOT N
0	-	0.1	0.2	0.1	*	-	-	-	-	-	-	-	-	-	-	0.4	47
1 - 3	-	0.4	2.4	1.3	0.2	*	*	-	-	-	-	-	-	-	-	4.4	494
4 - 6	-	0.7	4.5	3.7	0.6	0.1	*	-	-	-	-	-	-	-	-	9.7	1097
7 - 10	-	0.7	9.3	7.1	1.5	0.2	0.1	*	*	-	-	-	-	-	-	19.0	2139
11 - 15	*	0.2	12.3	12.7	2.5	0.4	*	*	-	-	-	-	-	-	-	28.2	3180
16 - 20	*	*	4.2	15.6	5.9	1.1	0.1	-	-	-	-	-	-	-	-	27.0	3042
21 - 24	-	-	0.3	2.8	4.5	1.7	0.2	*	-	-	-	-	-	-	-	9.5	1070
25 - 33	-	-	*	0.1	0.6	0.8	0.3	*	-	-	-	-	-	-	-	1.8	198
34 - 47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48	-	-	*	-	-	-	-	-	-	-	-	-	-	-	-	0.0	2

TOTAL %	0.0	2.2	33.3	43.4	15.9	4.4	0.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	2	246	3747	4891	1796	496	80	8	3	0	0	0	0	0	0		11269

(* < 0.05%)

STATION: 51001

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

Month: APR

	WAVE HEIGHT																
WIND SPEED	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	TOT %	TOT N
0	-	*	0.3	*	-	-	-	-	-	-	-	-	-	-	-	0.3	34
1 - 3	-	0.2	2.0	0.2	*	0.1	*	-	-	-	-	-	-	-	-	2.6	293
4 - 6	-	0.7	4.0	0.6	0.2	0.1	-	-	-	-	-	-	-	-	-	5.6	635
7 - 10	-	1.1	11.2	2.3	0.3	0.1	0.1	-	-	-	-	-	-	-	-	15.1	1718
11 - 15	-	0.4	24.9	12.5	1.1	*	0.1	*	-	-	-	-	-	-	-	39.0	4443
16 - 20	-	*	9.0	18.8	3.0	0.3	0.1	-	-	-	-	-	-	-	-	31.4	3573
21 - 24	-	-	0.2	2.5	2.5	0.3	-	-	-	-	-	-	-	-	-	5.5	621
25 - 33	-	-	-	0.1	0.3	0.3	*	-	-	-	-	-	-	-	-	0.7	75
34 - 47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48	-	-	*	-	-	-	-	-	-	-	-	-	-	-	-	0.0	1
TOTAL %	0.0	2.4	51.6	37.1	7.5	1.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	0	277	5875	4226	853	133	28	1	0	0	0	0	0	0	0		11393

(* < 0.05%)

STATION: 51001

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

Month: MAY

	WAVE HEIGHT																
WIND SPEED	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	TOT %	TOT N
0	-	0.1	0.2	*	-	-	-	-	-	-	-	-	-	-	-	0.3	41
1 - 3	-	1.8	1.8	0.1	-	-	-	-	-	-	-	-	-	-	-	3.6	448
4 - 6	-	3.0	4.3	0.2	*	-	-	-	-	-	-	-	-	-	-	7.5	926
7 - 10	-	4.7	13.5	0.8	*	-	-	-	-	-	-	-	-	-	-	19.0	2348
11 - 15	-	2.4	33.2	5.4	0.3	*	-	-	-	-	-	-	-	-	-	41.3	5091
16 - 20	-	0.1	13.1	12.5	0.3	*	-	-	-	-	-	-	-	-	-	26.1	3212
21 - 24	-	-	0.2	1.6	0.2	-	-	-	-	-	-	-	-	-	-	2.0	252
25 - 33	-	-	*	*	*	-	-	-	-	-	-	-	-	-	-	0.0	6
34 - 47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48	-	-	*	-	-	-	-	-	-	-	-	-	-	-	-	0.0	4
TOTAL %	0.0	12.2	66.3	20.6	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	0	1498	8175	2543	109	3	0	0	0	0	0	0	0	0	0		12328

(* < 0.05%)

STATION: 51001

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

Month: JUN

	WAVE HEIGHT																
WIND SPEED	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	TOT %	TOT N
0	-	0.1	*	-	-	-	-	-	-	-	-	-	-	-	-	0.1	18
1 - 3	-	1.6	0.7	-	-	-	-	-	-	-	-	-	-	-	-	2.3	302
4 - 6	-	3.3	2.0	-	-	-	-	-	-	-	-	-	-	-	-	5.2	685
7 - 10	-	4.2	11.7	0.2	-	-	-	-	-	-	-	-	-	-	-	16.1	2108
11 - 15	-	4.1	45.7	2.7	*	-	-	-	-	-	-	-	-	-	-	52.5	6898
16 - 20	-	0.1	16.6	6.4	0.1	-	-	-	-	-	-	-	-	-	-	23.1	3029
21 - 24	-	-	0.2	0.2	*	-	-	-	-	-	-	-	-	-	-	0.4	50
25 - 33	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
34 - 47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48	-	0.1	0.1	0.1	-	-	-	-	-	-	-	-	-	-	-	0.3	39
TOTAL %	0.0	13.3	77.1	9.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	0	1752	10119	1247	11	0	0	0	0	0	0	0	0	0	0		13129

(* < 0.05%)

STATION: 51001

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

Month: JUL

	WAVE HEIGHT																
WIND SPEED	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	TOT %	TOT N
0	-	*	*	-	-	-	-	-	-	-	-	-	-	-	-	0.1	9
1 - 3	*	0.4	0.5	-	-	-	-	-	-	-	-	-	-	-	-	0.9	117

4 - 6	-	1.1	1.5	*	-	-	-	-	-	-	-	-	-	-	-	2.6	324
7 - 10	-	3.9	7.6	0.1	-	-	-	-	-	-	-	-	-	-	-	11.6	1461
11 - 15	*	2.9	44.3	2.4	-	-	-	-	-	-	-	-	-	-	-	49.6	6250
16 - 20	*	*	21.9	11.6	0.1	-	-	-	-	-	-	-	-	-	-	33.6	4243
21 - 24	-	-	0.2	1.3	0.1	-	-	-	-	-	-	-	-	-	-	1.6	199
25 - 33	-	-	*	*	-	-	-	-	-	-	-	-	-	-	-	0.0	6
34 - 47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48	-	*	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	1
TOTAL %	0.0	8.3	76.0	15.4	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	3	1049	9586	1944	28	0	0	0	0	0	0	0	0	0	0		12610

(* < 0.05%)

STATION: 51001

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

Month: AUG

	WAVE HEIGHT															
WIND SPEED	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	TOT %	TOT N
0	*	0.2	0.2	-	-	-	-	-	-	-	-	-	-	-	-	0.4	51
1 - 3	-	1.1	1.1	*	-	-	-	-	-	-	-	-	-	-	-	2.2	287
4 - 6	-	2.8	2.1	0.2	-	-	-	-	-	-	-	-	-	-	-	5.1	662
7 - 10	-	5.9	10.5	0.3	*	-	-	-	-	-	-	-	-	-	-	16.7	2185
11 - 15	-	3.3	43.5	1.5	0.1	-	-	-	-	-	-	-	-	-	-	48.5	6333
16 - 20	*	*	19.9	6.1	0.1	-	-	-	-	-	-	-	-	-	-	26.2	3416
21 - 24	-	-	0.2	0.6	0.1	-	-	-	-	-	-	-	-	-	-	0.9	113
25 - 33	-	-	*	*	-	-	-	-	-	-	-	-	-	-	-	0.0	3
34 - 47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48	-	-	*	-	-	-	-	-	-	-	-	-	-	-	-	0.0	2
TOTAL %	0.0	13.3	77.5	8.9	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	2	1733	10121	1160	36	0	0	0	0	0	0	0	0	0	0		13052

(* < 0.05%)

STATION: 51001

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

Month: SEP

	WAVE HEIGHT															
WIND SPEED	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	TOT %	TOT N
0	-	0.1	0.3	*	-	-	-	-	-	-	-	-	-	-	-	0.4	46
1 - 3	-	1.0	2.7	0.2	*	-	-	-	-	-	-	-	-	-	-	4.0	514
4 - 6	-	2.6	4.9	0.6	0.1	*	-	-	-	-	-	-	-	-	-	8.1	1041
7 - 10	-	6.3	16.6	2.0	0.1	*	-	-	-	-	-	-	-	-	-	25.2	3228
11 - 15	-	3.4	39.3	3.7	0.1	*	*	-	-	-	-	-	-	-	-	46.5	5971
16 - 20	*	*	11.4	3.8	0.1	*	-	-	-	-	-	-	-	-	-	15.4	1974
21 - 24	-	-	0.2	0.2	-	-	-	-	-	-	-	-	-	-	-	0.4	55
25 - 33	-	-	*	-	-	-	-	-	-	-	-	-	-	-	-	0.0	1
34 - 47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48	-	*	*	-	-	-	-	-	-	-	-	-	-	-	-	0.0	4
TOTAL %	0.0	13.4	75.4	10.7	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	1	1721	9678	1367	57	9	1	0	0	0	0	0	0	0	0		12834

(* < 0.05%)

STATION: 51001

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

Month: OCT

	WAVE HEIGHT															
WIND SPEED	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	TOT %	TOT N
0	-	0.3	0.5	0.1	-	-	-	-	-	-	-	-	-	-	-	0.9	105
1 - 3	-	0.4	3.0	0.8	0.1	*	-	-	-	-	-	-	-	-	-	4.4	487
4 - 6	-	0.9	6.1	1.2	0.4	*	*	-	-	-	-	-	-	-	-	8.6	954
7 - 10	-	0.9	12.9	2.7	0.4	0.1	0.1	-	-	-	-	-	-	-	-	17.1	1910
11 - 15	-	0.3	31.7	8.3	0.7	0.1	*	-	-	-	-	-	-	-	-	41.1	4586
16 - 20	-	*	12.0	13.0	0.4	*	-	-	-	*	-	-	-	-	-	25.4	2836
21 - 24	-	-	0.2	1.4	0.6	0.1	-	-	-	-	-	-	-	-	-	2.3	251
25 - 33	-	-	-	0.1	*	*	-	-	-	-	-	-	-	-	-	0.2	18
34 - 47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48	-	-	*	-	-	-	-	-	-	-	-	-	-	-	-	0.0	1
TOTAL %	0.0	2.7	66.5	27.6	2.6	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	0	304	7411	3079	294	47	12	0	0	1	0	0	0	0	0		11148

(* < 0.05%)

STATION: 51001

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

Month: NOV

	WAVE HEIGHT																
WIND SPEED	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	TOT %	TOT N
0	-	-	0.2	0.2	*	-	-	-	-	-	-	-	-	-	-	0.4	43
1 - 3	-	0.1	1.9	1.2	0.4	*	-	*	-	-	-	-	-	-	-	3.7	359
4 - 6	-	0.2	3.7	2.6	0.9	0.2	0.1	0.1	-	-	-	-	-	-	-	7.7	757
7 - 10	-	0.7	10.5	5.6	1.3	0.5	0.2	0.1	*	-	-	-	-	-	-	18.9	1848
11 - 15	-	0.4	14.7	12.5	3.0	0.7	0.5	0.2	*	-	-	-	-	-	-	31.9	3120
16 - 20	-	*	5.4	13.9	5.2	1.3	0.6	0.1	*	-	*	-	-	-	-	26.5	2597
21 - 24	-	*	0.3	1.9	3.4	1.6	0.6	*	*	*	-	-	-	-	-	7.7	758
25 - 33	-	-	*	0.1	0.5	0.7	0.8	0.3	*	*	*	-	-	-	-	2.4	237
34 - 47	-	-	-	*	*	-	-	*	*	-	-	-	*	-	-	0.1	8
> 48	-	-	0.1	0.5	*	*	*	-	-	-	-	-	-	-	-	0.6	58
TOTAL %	0.0	1.4	36.8	38.3	14.7	4.9	2.8	0.9	0.1	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	0	137	3598	3749	1441	482	271	85	14	4	3	0	1	0	0		9785

(* < 0.05%)

STATION: 51001

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

Month: DEC

	WAVE HEIGHT																
WIND SPEED	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	TOT %	TOT N
0	*	0.1	0.5	0.3	0.1	-	*	-	-	-	-	-	-	-	-	1.0	121
1 - 3	-	0.3	1.6	1.5	0.5	0.2	0.1	-	-	-	-	-	-	-	-	4.2	508
4 - 6	-	0.3	3.1	2.9	1.1	0.3	0.2	0.1	*	-	-	-	-	-	-	8.0	964
7 - 10	-	0.4	8.0	5.8	2.6	1.0	0.2	0.2	*	*	-	-	-	-	-	18.2	2204
11 - 15	*	0.2	10.0	11.5	4.7	1.2	0.2	*	*	-	-	-	-	-	-	27.9	3380
16 - 20	*	*	2.6	13.1	7.7	1.8	0.3	0.1	-	-	-	-	-	-	-	25.7	3117
21 - 24	-	-	0.3	2.6	4.0	1.7	0.5	0.1	-	-	-	-	-	-	-	9.2	1114
25 - 33	-	-	*	0.1	0.9	0.7	0.5	*	-	-	-	-	-	-	-	2.1	259
34 - 47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48	-	*	1.8	1.1	0.6	0.1	0.1	*	-	-	-	-	-	-	-	3.7	445
TOTAL %	0.0	1.2	27.9	39.0	22.2	7.2	2.0	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	6	146	3377	4722	2684	868	242	58	8	1	0	0	0	0	0		12112

(* < 0.05%)

STATION: 51001

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

All Months: Annual

	WAVE HEIGHT																
WIND SPEED	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	TOT %	TOT N
0	*	0.1	0.2	0.1	*	*	*	-	-	-	-	-	-	-	-	0.5	657
1 - 3	*	0.7	1.8	0.8	0.2	0.1	*	*	*	-	-	-	-	-	-	3.5	5024
4 - 6	-	1.4	3.6	1.5	0.5	0.1	*	*	*	-	-	-	-	-	-	7.2	10293
7 - 10	-	2.6	10.7	3.5	1.0	0.3	0.1	*	*	*	-	-	-	-	-	18.2	26008
11 - 15	*	1.6	27.3	7.8	1.7	0.5	0.1	*	*	-	-	-	-	-	-	39.1	55802
16 - 20	*	*	10.5	11.2	2.6	0.6	0.2	*	*	*	*	-	-	-	-	25.2	35953
21 - 24	-	*	0.2	1.6	1.7	0.6	0.1	*	*	*	-	-	-	-	-	4.4	6257
25 - 33	-	-	*	0.1	0.3	0.3	0.2	*	*	*	*	-	-	-	-	0.9	1246
34 - 47	-	-	-	*	*	*	-	*	*	-	-	-	*	-	-	0.0	10
> 48	-	*	0.2	0.4	0.2	0.1	*	*	*	-	-	-	-	-	-	1.0	1467
TOTAL %	0.0	6.4	54.5	27.0	8.3	2.6	0.8	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	14	9081	77828	38575	11884	3779	1144	310	75	19	7	0	1	0	0		142717

(* < 0.05%)

STATION: 51001

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

Months: DEC, JAN, FEB (Winter)

	WAVE HEIGHT																
WIND SPEED	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	TOT %	TOT N
0	*	*	0.4	0.3	0.1	*	*	-	-	-	-	-	-	-	-	0.7	263
1 - 3	-	0.1	1.8	1.9	0.6	0.3	0.1	*	*	-	-	-	-	-	-	4.9	1723
4 - 6	-	0.2	3.6	3.4	1.3	0.4	0.2	*	*	-	-	-	-	-	-	9.1	3212
7 - 10	-	0.4	7.9	7.4	3.1	1.0	0.3	0.1	*	*	-	-	-	-	-	20.1	7063
11 - 15	*	0.2	9.6	11.8	4.5	1.6	0.4	0.1	*	-	-	-	-	-	-	28.2	9930
16 - 20	*	*	2.8	11.7	6.0	1.7	0.4	0.2	*	*	*	-	-	-	-	22.8	8031
21 - 24	-	-	0.3	2.6	3.5	1.3	0.4	0.1	*	*	-	-	-	-	-	8.2	2888
25 - 33	-	-	*	0.1	0.8	0.6	0.3	0.1	*	*	*	-	-	-	-	2.0	702
34 - 47	-	-	-	-	-	*	-	-	-	-	-	-	-	-	-	0.0	2

> 48	-	*	0.8	1.6	0.9	0.3	0.1	*	*	-	-	-	-	-	-	3.9	1355
TOTAL %	0.0	1.0	27.1	40.9	20.6	7.4	2.1	0.6	0.2	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	6	364	9518	14369	7259	2609	752	216	58	14	4	0	0	0	0		35169

(* < 0.05%)

STATION: 51001

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

Months: MAR, APR, MAY (Spring)

	WAVE HEIGHT																
WIND SPEED	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	TOT %	TOT N
0	-	0.1	0.2	*	*	-	-	-	-	-	-	-	-	-	-	0.3	122
1 - 3	-	0.8	2.1	0.5	0.1	*	*	-	-	-	-	-	-	-	-	3.5	1235
4 - 6	-	1.5	4.3	1.5	0.3	0.1	*	-	-	-	-	-	-	-	-	7.6	2658
7 - 10	-	2.3	11.4	3.3	0.6	0.1	*	*	*	-	-	-	-	-	-	17.7	6205
11 - 15	*	1.0	23.8	10.1	1.3	0.2	*	*	-	-	-	-	-	-	-	36.3	12714
16 - 20	*	*	8.9	15.6	3.0	0.5	0.1	-	-	-	-	-	-	-	-	28.1	9827
21 - 24	-	-	0.2	2.3	2.3	0.6	0.1	*	-	-	-	-	-	-	-	5.6	1943
25 - 33	-	-	*	*	0.3	0.3	0.1	*	-	-	-	-	-	-	-	0.8	279
34 - 47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48	-	-	*	-	-	-	-	-	-	-	-	-	-	-	-	0.0	7
TOTAL %	0.0	5.8	50.9	33.3	7.9	1.8	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	2	2021	17797	11660	2758	632	108	9	3	0	0	0	0	0	0		34990

(* < 0.05%)

STATION: 51001

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

Months: JUN, JUL, AUG (Summer)

	WAVE HEIGHT																
WIND SPEED	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	TOT %	TOT N
0	*	0.1	0.1	-	-	-	-	-	-	-	-	-	-	-	-	0.2	78
1 - 3	*	1.0	0.8	*	-	-	-	-	-	-	-	-	-	-	-	1.8	706
4 - 6	-	2.4	1.9	0.1	-	-	-	-	-	-	-	-	-	-	-	4.3	1671
7 - 10	-	4.7	10.0	0.2	*	-	-	-	-	-	-	-	-	-	-	14.8	5754
11 - 15	*	3.4	44.5	2.2	*	-	-	-	-	-	-	-	-	-	-	50.2	19481
16 - 20	*	*	19.4	8.0	0.1	-	-	-	-	-	-	-	-	-	-	27.6	10688
21 - 24	-	-	0.2	0.7	0.1	-	-	-	-	-	-	-	-	-	-	0.9	362
25 - 33	-	-	*	*	-	-	-	-	-	-	-	-	-	-	-	0.0	9
34 - 47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48	-	*	0.1	*	-	-	-	-	-	-	-	-	-	-	-	0.1	42
TOTAL %	0.0	11.7	76.9	11.2	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	5	4534	29826	4351	75	0	0	0	0	0	0	0	0	0	0		38791

(* < 0.05%)

STATION: 51001

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

Months: SEP, OCT, NOV (Autumn)

	WAVE HEIGHT																
WIND SPEED	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	TOT %	TOT N
0	-	0.1	0.3	0.1	*	-	-	-	-	-	-	-	-	-	-	0.6	194
1 - 3	-	0.6	2.6	0.7	0.2	*	-	*	-	-	-	-	-	-	-	4.0	1360
4 - 6	-	1.3	4.9	1.4	0.4	0.1	*	*	-	-	-	-	-	-	-	8.1	2752
7 - 10	-	2.9	13.6	3.3	0.6	0.2	0.1	*	*	-	-	-	-	-	-	20.7	6986
11 - 15	-	1.5	29.7	7.8	1.1	0.2	0.1	0.1	*	-	-	-	-	-	-	40.5	13677
16 - 20	*	*	9.8	9.8	1.7	0.4	0.2	*	*	*	*	-	-	-	-	21.9	7407
21 - 24	-	*	0.2	1.1	1.2	0.5	0.2	*	*	*	-	-	-	-	-	3.2	1064
25 - 33	-	-	*	0.1	0.1	0.2	0.2	0.1	*	*	*	-	-	-	-	0.8	256
34 - 47	-	-	-	*	*	-	-	*	*	-	-	-	*	-	-	0.0	8
> 48	-	*	*	0.1	*	*	*	-	-	-	-	-	-	-	-	0.2	63
TOTAL %	0.0	6.4	61.3	24.3	5.3	1.6	0.8	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	1	2162	20687	8195	1792	538	284	85	14	5	3	0	1	0	0		33767

(* < 0.05%)

STATION: 51001

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

Month: JAN

	WAVE HEIGHT																
WAVE PERIOD	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	TOT %	TOT N
< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0

3.5 - 4.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
4.5 - 5.4	-	*	0.1	-	-	-	-	-	-	-	-	-	-	-	-	0.1	16
5.5 - 6.4	-	*	0.8	0.2	-	-	-	-	-	-	-	-	-	-	-	1.1	123
6.5 - 7.4	-	*	0.6	0.9	0.1	-	-	-	-	-	-	-	-	-	-	1.6	184
7.5 - 8.4	-	0.2	1.3	2.8	1.0	0.1	-	-	-	-	-	-	-	-	-	5.5	638
8.5 - 9.4	-	0.2	1.9	1.8	1.4	0.2	-	-	-	-	-	-	-	-	-	5.6	646
9.5 - 10.4	-	0.2	3.7	2.7	1.3	0.5	0.1	-	-	-	-	-	-	-	-	8.4	979
10.5 - 11.4	-	0.1	5.5	5.6	1.8	0.5	0.1	*	*	-	-	-	-	-	-	13.8	1598
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	0.3	7.8	11.1	3.0	0.8	0.3	0.1	*	-	-	-	-	-	-	23.4	2714
13.5 - 14.4	-	0.1	3.9	11.4	7.3	2.8	0.6	0.2	*	*	-	-	-	-	-	26.2	3044
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	-	0.8	3.2	3.7	2.7	1.1	0.3	0.1	*	*	-	-	-	-	11.8	1372
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	*	0.2	0.6	0.5	0.3	0.3	0.3	0.1	*	-	-	-	-	-	2.3	272
20.5 - 21.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
21.5 - 22.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
22.5 - 23.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
23.5 - 24.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
24.5 - 25.4	-	-	0.1	*	0.1	*	-	*	-	-	-	-	-	-	-	0.2	24
TOTAL %	0.0	1.2	26.9	40.2	20.1	7.9	2.5	0.8	0.3	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	0	143	3121	4672	2328	920	291	96	32	4	3	0	0	0	0		11610

(* < 0.05%)

STATION: 51001

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

Month: FEB

	WAVE HEIGHT																
WAVE PERIOD	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	TOT %	TOT N
< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
3.5 - 4.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
4.5 - 5.4	-	-	0.1	-	-	-	-	-	-	-	-	-	-	-	-	0.1	14
5.5 - 6.4	-	-	0.4	0.2	-	-	-	-	-	-	-	-	-	-	-	0.6	64
6.5 - 7.4	-	-	0.8	0.7	0.1	-	-	-	-	-	-	-	-	-	-	1.5	175
7.5 - 8.4	-	0.1	1.7	2.6	0.8	0.1	-	-	-	-	-	-	-	-	-	5.3	601
8.5 - 9.4	-	0.1	1.9	2.9	1.2	0.1	-	-	-	-	-	-	-	-	-	6.2	714
9.5 - 10.4	-	0.2	4.1	4.6	2.2	0.4	*	-	-	-	-	-	-	-	-	11.5	1317
10.5 - 11.4	-	0.2	5.3	5.7	1.8	0.3	0.1	*	-	-	-	-	-	-	-	13.4	1536
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	0.1	6.8	10.8	3.8	0.8	0.1	0.1	*	-	-	-	-	-	-	22.5	2572
13.5 - 14.4	-	-	4.0	10.8	5.8	2.6	0.4	0.1	*	-	-	-	-	-	-	23.7	2711
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	*	0.8	4.2	3.3	2.2	1.0	0.3	0.1	*	-	-	-	-	-	11.9	1366
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	-	0.4	0.9	0.7	0.7	0.3	0.1	*	0.1	*	-	-	-	-	3.0	348
20.5 - 21.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
21.5 - 22.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
22.5 - 23.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
23.5 - 24.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
24.5 - 25.4	-	-	0.1	0.1	*	*	-	-	-	-	-	-	-	-	-	0.2	25
TOTAL %	0.0	0.7	26.4	43.5	19.6	7.2	1.9	0.5	0.2	0.1	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	0	75	3019	4973	2247	820	219	62	18	9	1	0	0	0	0		11443

(* < 0.05%)

STATION: 51001

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

Month: MAR

	WAVE HEIGHT																
WAVE PERIOD	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	TOT %	TOT N
< 0.5	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	2
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
3.5 - 4.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
4.5 - 5.4	-	-	*	-	-	-	-	-	-	-	-	-	-	-	-	0.0	5
5.5 - 6.4	-	-	0.4	0.2	-	-	-	-	-	-	-	-	-	-	-	0.5	58
6.5 - 7.4	-	*	1.3	1.0	*	-	-	-	-	-	-	-	-	-	-	2.3	260
7.5 - 8.4	-	0.2	2.9	6.1	0.6	*	-	-	-	-	-	-	-	-	-	9.9	1120
8.5 - 9.4	-	0.5	2.9	4.5	1.9	*	-	-	-	-	-	-	-	-	-	9.9	1111

9.5 - 10.4	-	0.3	3.8	4.3	3.3	0.5	*	-	-	-	-	-	-	-	-	12.4	1394
10.5 - 11.4	-	0.5	5.5	4.1	2.5	1.3	0.1	*	-	-	-	-	-	-	-	14.0	1583
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	0.5	10.1	7.3	1.9	0.7	0.2	*	-	-	-	-	-	-	-	20.7	2338
13.5 - 14.4	-	*	4.6	10.3	2.7	0.8	0.2	*	-	-	-	-	-	-	-	18.7	2111
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	0.1	1.3	4.0	2.3	0.8	0.1	*	*	-	-	-	-	-	-	8.6	972
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	*	0.3	1.3	0.7	0.2	-	-	-	-	-	-	-	-	-	2.5	286
20.5 - 21.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
21.5 - 22.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
22.5 - 23.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
23.5 - 24.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
24.5 - 25.4	-	-	0.1	0.1	0.1	-	-	-	-	-	-	-	-	-	-	0.3	29
TOTAL %	0.0	2.2	33.3	43.4	15.9	4.4	0.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	2	246	3747	4891	1796	496	80	8	3	0	0	0	0	0	0		11269

(* < 0.05%)

STATION: 51001

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

Month: APR

	WAVE HEIGHT																
WAVE PERIOD	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	TOT %	TOT N
< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
3.5 - 4.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
4.5 - 5.4	-	*	0.1	-	-	-	-	-	-	-	-	-	-	-	-	0.1	11
5.5 - 6.4	-	*	0.9	0.2	-	-	-	-	-	-	-	-	-	-	-	1.1	122
6.5 - 7.4	-	0.1	4.5	1.4	*	-	-	-	-	-	-	-	-	-	-	6.0	688
7.5 - 8.4	-	0.9	12.3	7.5	0.5	*	-	-	-	-	-	-	-	-	-	21.2	2413
8.5 - 9.4	-	0.4	9.2	7.6	1.6	*	-	-	-	-	-	-	-	-	-	18.8	2140
9.5 - 10.4	-	0.4	7.6	6.2	1.9	0.2	-	-	-	-	-	-	-	-	-	16.3	1861
10.5 - 11.4	-	0.4	6.3	3.6	0.7	0.2	*	-	-	-	-	-	-	-	-	11.2	1273
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	0.1	6.4	4.1	0.8	0.2	-	-	-	-	-	-	-	-	-	11.5	1312
13.5 - 14.4	-	0.1	3.4	4.7	1.4	0.4	*	-	-	-	-	-	-	-	-	10.0	1135
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	0.1	0.9	1.6	0.5	0.2	0.2	*	-	-	-	-	-	-	-	3.6	405
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	-	0.1	0.2	*	-	-	-	-	-	-	-	-	-	-	0.3	32
20.5 - 21.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
21.5 - 22.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
22.5 - 23.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
23.5 - 24.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
24.5 - 25.4	-	-	-	-	*	-	-	-	-	-	-	-	-	-	-	0.0	1
TOTAL %	0.0	2.4	51.6	37.1	7.5	1.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	0	277	5875	4226	853	133	28	1	0	0	0	0	0	0	0		11393

(* < 0.05%)

STATION: 51001

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

Month: MAY

	WAVE HEIGHT																
WAVE PERIOD	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	TOT %	TOT N
< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
3.5 - 4.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
4.5 - 5.4	-	0.1	0.1	-	-	-	-	-	-	-	-	-	-	-	-	0.2	24
5.5 - 6.4	-	0.5	2.8	0.1	-	-	-	-	-	-	-	-	-	-	-	3.5	426
6.5 - 7.4	-	1.2	9.2	1.2	-	-	-	-	-	-	-	-	-	-	-	11.6	1427
7.5 - 8.4	-	4.1	18.3	7.0	0.1	-	-	-	-	-	-	-	-	-	-	29.4	3628
8.5 - 9.4	-	2.7	11.9	4.6	0.2	-	-	-	-	-	-	-	-	-	-	19.5	2399
9.5 - 10.4	-	1.3	8.2	1.9	0.1	-	-	-	-	-	-	-	-	-	-	11.6	1430
10.5 - 11.4	-	0.7	6.7	1.7	0.1	-	-	-	-	-	-	-	-	-	-	9.2	1135
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	0.7	5.3	2.2	0.2	-	-	-	-	-	-	-	-	-	-	8.3	1028
13.5 - 14.4	-	0.7	2.9	1.5	0.2	*	-	-	-	-	-	-	-	-	-	5.4	664
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0

15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	0.1	0.9	0.3	*	*	-	-	-	-	-	-	-	-	-	1.3	159
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	*	*	-	-	-	-	-	-	-	-	-	-	-	-	0.1	7
TOTAL %	0.0	12.2	66.3	20.6	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	0	1498	8175	2542	109	3	0	0	0	0	0	0	0	0	0		12327

(* < 0.05%)

STATION: 51001

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

Month: JUN

	WAVE HEIGHT																
WAVE PERIOD	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	TOT %	TOT N
< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
3.5 - 4.4	-	*	*	-	-	-	-	-	-	-	-	-	-	-	-	0.0	2
4.5 - 5.4	-	0.2	0.4	-	-	-	-	-	-	-	-	-	-	-	-	0.7	86
5.5 - 6.4	-	0.7	4.9	*	-	-	-	-	-	-	-	-	-	-	-	5.6	736
6.5 - 7.4	-	0.9	11.7	0.3	-	-	-	-	-	-	-	-	-	-	-	12.8	1680
7.5 - 8.4	-	5.4	29.9	3.0	-	-	-	-	-	-	-	-	-	-	-	38.4	5035
8.5 - 9.4	-	2.7	13.3	3.7	*	-	-	-	-	-	-	-	-	-	-	19.7	2582
9.5 - 10.4	-	0.9	4.7	1.2	*	-	-	-	-	-	-	-	-	-	-	6.9	903
10.5 - 11.4	-	0.6	4.0	0.2	*	-	-	-	-	-	-	-	-	-	-	4.8	633
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	0.5	3.4	0.6	-	-	-	-	-	-	-	-	-	-	-	4.5	593
13.5 - 14.4	-	0.9	3.5	0.5	*	-	-	-	-	-	-	-	-	-	-	4.8	630
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	0.5	1.2	0.1	-	-	-	-	-	-	-	-	-	-	-	1.8	240
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	*	*	*	-	-	-	-	-	-	-	-	-	-	-	0.0	4
TOTAL %	0.0	13.3	77.1	9.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	0	1752	10114	1247	11	0	0	0	0	0	0	0	0	0	0		13124

(* < 0.05%)

STATION: 51001

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

Month: JUL

	WAVE HEIGHT																
WAVE PERIOD	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	TOT %	TOT N
< 0.5	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	3
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
3.5 - 4.4	-	*	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	1
4.5 - 5.4	-	0.1	0.1	-	-	-	-	-	-	-	-	-	-	-	-	0.3	36
5.5 - 6.4	-	0.7	3.4	*	-	-	-	-	-	-	-	-	-	-	-	4.1	521
6.5 - 7.4	-	1.6	12.7	0.6	-	-	-	-	-	-	-	-	-	-	-	14.9	1877
7.5 - 8.4	-	2.6	38.3	7.0	*	-	-	-	-	-	-	-	-	-	-	48.0	6044
8.5 - 9.4	-	1.0	10.0	5.6	0.1	-	-	-	-	-	-	-	-	-	-	16.7	2103
9.5 - 10.4	-	0.6	2.3	1.6	0.1	-	-	-	-	-	-	-	-	-	-	4.6	574
10.5 - 11.4	-	0.3	2.2	0.2	*	-	-	-	-	-	-	-	-	-	-	2.7	341
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	0.4	2.4	0.2	-	-	-	-	-	-	-	-	-	-	-	3.0	380
13.5 - 14.4	-	0.5	3.0	0.1	-	-	-	-	-	-	-	-	-	-	-	3.7	460
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	0.3	1.4	*	-	-	-	-	-	-	-	-	-	-	-	1.7	216
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	-	0.2	*	-	-	-	-	-	-	-	-	-	-	-	0.3	32
20.5 - 21.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
21.5 - 22.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
22.5 - 23.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
23.5 - 24.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
24.5 - 25.4	-	-	*	-	-	-	-	-	-	-	-	-	-	-	-	0.0	5
TOTAL %	0.0	8.2	76.1	15.4	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	3	1038	9581	1943	28	0	0	0	0	0	0	0	0	0	0		12593

(* < 0.05%)

STATION: 51001

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

Month: AUG

	WAVE HEIGHT																
WAVE PERIOD	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	TOT %	TOT N
< 0.5	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	2
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
3.5 - 4.4	-	*	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	3
4.5 - 5.4	-	0.1	0.2	-	-	-	-	-	-	-	-	-	-	-	-	0.4	47
5.5 - 6.4	-	0.3	6.2	*	-	-	-	-	-	-	-	-	-	-	-	6.5	853
6.5 - 7.4	-	0.7	14.4	0.4	-	-	-	-	-	-	-	-	-	-	-	15.5	2025
7.5 - 8.4	-	4.4	30.3	3.7	*	-	-	-	-	-	-	-	-	-	-	38.3	5003
8.5 - 9.4	-	2.3	11.3	2.5	*	-	-	-	-	-	-	-	-	-	-	16.0	2092
9.5 - 10.4	-	1.4	4.3	1.2	0.1	-	-	-	-	-	-	-	-	-	-	6.9	899
10.5 - 11.4	-	1.0	2.7	0.3	*	-	-	-	-	-	-	-	-	-	-	4.0	517
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	1.8	3.2	0.5	0.1	-	-	-	-	-	-	-	-	-	-	5.5	720
13.5 - 14.4	-	1.1	3.8	0.2	0.1	-	-	-	-	-	-	-	-	-	-	5.2	677
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	0.3	1.1	0.2	*	-	-	-	-	-	-	-	-	-	-	1.6	206
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	-	*	*	-	-	-	-	-	-	-	-	-	-	-	0.1	7
20.5 - 21.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
21.5 - 22.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
22.5 - 23.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
23.5 - 24.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
24.5 - 25.4	-	-	*	-	-	-	-	-	-	-	-	-	-	-	-	0.0	1
TOTAL %	0.0	13.3	77.5	8.9	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	2	1733	10121	1160	36	0	0	0	0	0	0	0	0	0	0		13052

(* < 0.05%)

STATION: 51001

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

Month: SEP

	WAVE HEIGHT																
WAVE PERIOD	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	TOT %	TOT N
< 0.5	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	1
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
3.5 - 4.4	-	*	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	5
4.5 - 5.4	-	0.2	0.4	-	-	-	-	-	-	-	-	-	-	-	-	0.6	74
5.5 - 6.4	-	0.4	3.5	*	-	-	-	-	-	-	-	-	-	-	-	3.9	501
6.5 - 7.4	-	0.9	8.9	0.2	-	-	-	-	-	-	-	-	-	-	-	10.0	1279
7.5 - 8.4	-	4.4	21.8	2.1	-	-	-	-	-	-	-	-	-	-	-	28.3	3636
8.5 - 9.4	-	2.7	11.3	1.2	-	-	-	-	-	-	-	-	-	-	-	15.3	1961
9.5 - 10.4	-	1.6	9.3	0.8	-	-	-	-	-	-	-	-	-	-	-	11.7	1501
10.5 - 11.4	-	1.3	8.0	0.7	-	-	-	-	-	-	-	-	-	-	-	9.9	1276
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	0.9	6.7	1.9	-	-	-	-	-	-	-	-	-	-	-	9.6	1227
13.5 - 14.4	-	0.7	4.0	2.5	0.2	-	-	-	-	-	-	-	-	-	-	7.3	943
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	0.4	1.3	0.8	0.2	0.1	-	-	-	-	-	-	-	-	-	2.8	353
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	*	0.3	0.2	*	*	*	-	-	-	-	-	-	-	-	0.6	76
20.5 - 21.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
21.5 - 22.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
22.5 - 23.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
23.5 - 24.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
24.5 - 25.4	-	-	*	-	-	-	-	-	-	-	-	-	-	-	-	0.0	1
TOTAL %	0.0	13.4	75.4	10.7	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	1	1721	9678	1367	57	9	1	0	0	0	0	0	0	0	0		12834

(* < 0.05%)

STATION: 51001

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-

WAVE PERIOD	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	>13.4	TOT %	TOT N
< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
3.5 - 4.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
4.5 - 5.4	-	*	0.3	-	-	-	-	-	-	-	-	-	-	-	-	0.3	38
5.5 - 6.4	-	*	2.0	0.1	-	-	-	-	-	-	-	-	-	-	-	2.1	235
6.5 - 7.4	-	0.1	3.8	0.9	-	-	-	-	-	-	-	-	-	-	-	4.8	540
7.5 - 8.4	-	1.1	15.9	5.8	0.3	*	-	-	-	-	-	-	-	-	-	23.1	2576
8.5 - 9.4	-	0.5	10.7	4.5	0.2	-	-	-	-	-	-	-	-	-	-	15.8	1764
9.5 - 10.4	-	0.2	8.2	3.3	0.2	*	-	-	-	-	-	-	-	-	-	12.0	1341
10.5 - 11.4	-	0.3	9.3	3.1	0.3	0.1	-	-	-	-	-	-	-	-	-	13.2	1467
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	0.3	9.6	5.0	0.5	-	-	-	-	-	-	-	-	-	-	15.5	1723
13.5 - 14.4	-	0.2	4.9	3.2	0.6	0.1	*	-	-	-	-	-	-	-	-	8.9	997
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	*	1.4	1.3	0.3	0.1	0.1	-	-	-	-	-	-	-	-	3.2	362
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	-	0.2	0.4	0.2	0.1	*	-	-	-	-	-	-	-	-	0.9	100
20.5 - 21.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
21.5 - 22.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
22.5 - 23.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
23.5 - 24.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
24.5 - 25.4	-	-	*	*	-	-	-	-	-	*	-	-	-	-	-	0.0	4
TOTAL %	0.0	2.7	66.5	27.6	2.6	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	0	304	7410	3079	294	47	12	0	0	1	0	0	0	0	0		11147

(* < 0.05%)

STATION: 51001

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

Month: NOV

	WAVE HEIGHT																
WAVE PERIOD	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	TOT %	TOT N
< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
3.5 - 4.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
4.5 - 5.4	-	-	0.2	-	-	-	-	-	-	-	-	-	-	-	-	0.2	16
5.5 - 6.4	-	-	0.8	0.2	-	-	-	-	-	-	-	-	-	-	-	1.0	96
6.5 - 7.4	-	-	1.3	0.9	0.1	-	-	-	-	-	-	-	-	-	-	2.3	228
7.5 - 8.4	-	0.4	5.2	5.4	0.8	0.1	-	-	-	-	-	-	-	-	-	11.9	1161
8.5 - 9.4	-	0.6	7.3	4.4	1.6	0.2	*	-	-	-	-	-	-	-	-	14.2	1391
9.5 - 10.4	-	0.2	5.5	4.4	2.1	0.6	0.1	*	-	-	-	-	-	-	-	13.0	1269
10.5 - 11.4	-	0.1	5.3	5.4	2.5	1.2	0.4	0.1	*	-	-	-	-	-	-	15.0	1464
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	*	6.1	7.5	2.5	1.0	0.7	0.2	*	-	-	-	-	-	-	18.0	1761
13.5 - 14.4	-	*	3.6	7.4	3.2	0.9	0.8	0.2	*	*	*	-	*	-	-	16.1	1578
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	-	1.2	2.1	1.7	0.8	0.7	0.4	0.1	*	*	-	-	-	-	6.9	680
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	-	0.3	0.5	0.3	0.2	0.1	*	*	-	-	-	-	-	-	1.4	136
20.5 - 21.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
21.5 - 22.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
22.5 - 23.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
23.5 - 24.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
24.5 - 25.4	-	-	*	*	-	-	-	-	-	-	-	-	-	-	-	0.1	5
TOTAL %	0.0	1.4	36.8	38.3	14.7	4.9	2.8	0.9	0.1	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	0	137	3598	3749	1441	482	271	85	14	4	3	0	1	0	0		9785

(* < 0.05%)

STATION: 51001

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

Month: DEC

	WAVE HEIGHT																
WAVE PERIOD	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	TOT %	TOT N
< 0.5	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	6
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
3.5 - 4.4	-	*	*	-	-	-	-	-	-	-	-	-	-	-	-	0.1	8

4.5 - 5.4	-	-	0.2	*	-	-	-	-	-	-	-	-	-	-	-	0.3	31
5.5 - 6.4	-	-	0.3	0.2	*	-	-	-	-	-	-	-	-	-	-	0.5	62
6.5 - 7.4	-	*	0.6	0.6	*	-	-	-	-	-	-	-	-	-	-	1.3	154
7.5 - 8.4	-	0.4	1.9	2.7	0.9	0.1	-	-	-	-	-	-	-	-	-	6.0	725
8.5 - 9.4	-	0.2	4.0	4.2	1.5	0.2	*	-	-	-	-	-	-	-	-	10.1	1224
9.5 - 10.4	-	0.2	4.6	5.3	2.6	0.4	*	-	-	-	-	-	-	-	-	13.1	1590
10.5 - 11.4	-	0.1	5.0	4.7	2.9	0.9	0.3	*	-	-	-	-	-	-	-	13.8	1677
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	0.2	6.7	8.2	3.5	0.9	0.3	*	-	-	-	-	-	-	-	19.8	2401
13.5 - 14.4	-	0.1	3.3	9.2	5.7	1.6	0.3	0.1	-	-	-	-	-	-	-	20.2	2446
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	-	0.8	3.1	4.3	2.7	0.7	0.2	*	-	-	-	-	-	-	11.8	1429
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	*	0.3	0.8	0.7	0.4	0.3	0.2	*	*	-	-	-	-	-	2.7	328
20.5 - 21.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
21.5 - 22.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
22.5 - 23.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
23.5 - 24.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
24.5 - 25.4	-	-	*	0.1	0.1	*	-	-	*	-	-	-	-	-	-	0.2	29
TOTAL %	0.0	1.2	27.9	39.0	22.2	7.2	2.0	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	6	146	3375	4722	2684	868	242	58	8	1	0	0	0	0	0		12110

(* < 0.05%)

STATION: 51001

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

All Months: Annual

	WAVE HEIGHT																
WAVE PERIOD	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	TOT %	TOT N
< 0.5	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	14
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
3.5 - 4.4	-	*	*	-	-	-	-	-	-	-	-	-	-	-	-	0.0	19
4.5 - 5.4	-	0.1	0.2	*	-	-	-	-	-	-	-	-	-	-	-	0.3	398
5.5 - 6.4	-	0.2	2.3	0.1	*	-	-	-	-	-	-	-	-	-	-	2.7	3797
6.5 - 7.4	-	0.5	6.1	0.7	*	-	-	-	-	-	-	-	-	-	-	7.4	10517
7.5 - 8.4	-	2.1	15.7	4.6	0.4	*	-	-	-	-	-	-	-	-	-	22.8	32580
8.5 - 9.4	-	1.2	8.1	3.9	0.8	0.1	*	-	-	-	-	-	-	-	-	14.1	20127
9.5 - 10.4	-	0.6	5.5	3.0	1.1	0.2	*	*	-	-	-	-	-	-	-	10.6	15058
10.5 - 11.4	-	0.5	5.4	2.8	1.0	0.4	0.1	*	*	-	-	-	-	-	-	10.2	14500
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	0.5	6.1	4.8	1.3	0.3	0.1	*	*	-	-	-	-	-	-	13.2	18769
13.5 - 14.4	-	0.4	3.7	5.0	2.2	0.7	0.2	*	*	*	*	-	*	-	-	12.2	17396
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	0.2	1.1	1.7	1.3	0.8	0.3	0.1	*	*	*	-	-	-	-	5.4	7760
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	*	0.2	0.4	0.2	0.2	0.1	*	*	*	*	-	-	-	-	1.1	1628
20.5 - 21.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
21.5 - 22.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
22.5 - 23.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
23.5 - 24.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
24.5 - 25.4	-	-	*	*	*	*	-	*	*	*	-	-	-	-	-	0.1	124
TOTAL %	0.0	6.4	54.5	27.0	8.3	2.6	0.8	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	14	9070	77814	38571	11884	3778	1144	310	75	19	7	0	1	0	0		142687

(* < 0.05%)

STATION: 51001

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

Months: DEC, JAN, FEB (Winter)

	WAVE HEIGHT																
WAVE PERIOD	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	TOT %	TOT N
< 0.5	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	6
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
3.5 - 4.4	-	*	*	-	-	-	-	-	-	-	-	-	-	-	-	0.0	8
4.5 - 5.4	-	*	0.2	*	-	-	-	-	-	-	-	-	-	-	-	0.2	61
5.5 - 6.4	-	*	0.5	0.2	*	-	-	-	-	-	-	-	-	-	-	0.7	249
6.5 - 7.4	-	*	0.7	0.7	0.1	-	-	-	-	-	-	-	-	-	-	1.5	513
7.5 - 8.4	-	0.2	1.7	2.7	0.9	0.1	-	-	-	-	-	-	-	-	-	5.6	1964
8.5 - 9.4	-	0.2	2.6	3.0	1.4	0.2	*	-	-	-	-	-	-	-	-	7.3	2584
9.5 - 10.4	-	0.2	4.1	4.2	2.1	0.5	0.1	-	-	-	-	-	-	-	-	11.1	3886

10.5 - 11.4	-	0.2	5.3	5.3	2.2	0.6	0.1	*	*	-	-	-	-	-	-	13.7	4811
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	0.2	7.1	10.0	3.4	0.8	0.3	*	*	-	-	-	-	-	-	21.9	7687
13.5 - 14.4	-	*	3.7	10.4	6.3	2.3	0.5	0.1	*	*	-	-	-	-	-	23.3	8201
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	*	0.8	3.5	3.8	2.5	0.9	0.3	0.1	*	*	-	-	-	-	11.9	4167
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	*	0.3	0.7	0.6	0.5	0.3	0.2	0.1	*	*	-	-	-	-	2.7	948
20.5 - 21.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
21.5 - 22.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
22.5 - 23.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
23.5 - 24.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
24.5 - 25.4	-	-	0.1	0.1	0.1	*	-	*	*	-	-	-	-	-	-	0.2	78
TOTAL %	0.0	1.0	27.1	40.9	20.6	7.4	2.1	0.6	0.2	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	6	364	9515	14367	7259	2608	752	216	58	14	4	0	0	0	0		35163

(* < 0.05%)

STATION: 51001

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

Months: MAR, APR, MAY (Spring)

	WAVE HEIGHT																
WAVE PERIOD	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	TOT %	TOT N
< 0.5	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	2
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
3.5 - 4.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
4.5 - 5.4	-	*	0.1	-	-	-	-	-	-	-	-	-	-	-	-	0.1	40
5.5 - 6.4	-	0.2	1.4	0.2	-	-	-	-	-	-	-	-	-	-	-	1.7	606
6.5 - 7.4	-	0.5	5.1	1.2	*	-	-	-	-	-	-	-	-	-	-	6.8	2375
7.5 - 8.4	-	1.8	11.4	6.9	0.4	*	-	-	-	-	-	-	-	-	-	20.5	7161
8.5 - 9.4	-	1.3	8.1	5.6	1.2	*	-	-	-	-	-	-	-	-	-	16.1	5650
9.5 - 10.4	-	0.7	6.6	4.1	1.8	0.2	*	-	-	-	-	-	-	-	-	13.4	4685
10.5 - 11.4	-	0.5	6.2	3.1	1.1	0.5	*	*	-	-	-	-	-	-	-	11.4	3991
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	0.4	7.2	4.5	0.9	0.3	0.1	*	-	-	-	-	-	-	-	13.4	4678
13.5 - 14.4	-	0.3	3.6	5.4	1.4	0.4	0.1	*	-	-	-	-	-	-	-	11.2	3910
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	0.1	1.0	1.9	0.9	0.3	0.1	*	*	-	-	-	-	-	-	4.4	1536
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	*	0.1	0.5	0.2	0.1	-	-	-	-	-	-	-	-	-	0.9	325
20.5 - 21.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
21.5 - 22.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
22.5 - 23.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
23.5 - 24.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
24.5 - 25.4	-	-	*	*	*	-	-	-	-	-	-	-	-	-	-	0.1	30
TOTAL %	0.0	5.8	50.9	33.3	7.9	1.8	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	2	2021	17797	11659	2758	632	108	9	3	0	0	0	0	0	0		34989

(* < 0.05%)

STATION: 51001

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

Months: JUN, JUL, AUG (Summer)

	WAVE HEIGHT																
WAVE PERIOD	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	TOT %	TOT N
< 0.5	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	5
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
3.5 - 4.4	-	*	*	-	-	-	-	-	-	-	-	-	-	-	-	0.0	6
4.5 - 5.4	-	0.2	0.3	-	-	-	-	-	-	-	-	-	-	-	-	0.4	169
5.5 - 6.4	-	0.6	4.8	*	-	-	-	-	-	-	-	-	-	-	-	5.4	2110
6.5 - 7.4	-	1.1	12.9	0.4	-	-	-	-	-	-	-	-	-	-	-	14.4	5582
7.5 - 8.4	-	4.2	32.8	4.5	*	-	-	-	-	-	-	-	-	-	-	41.5	16082
8.5 - 9.4	-	2.0	11.5	3.9	*	-	-	-	-	-	-	-	-	-	-	17.5	6777
9.5 - 10.4	-	1.0	3.8	1.3	0.1	-	-	-	-	-	-	-	-	-	-	6.1	2376
10.5 - 11.4	-	0.6	3.0	0.2	*	-	-	-	-	-	-	-	-	-	-	3.8	1491
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	0.9	3.0	0.4	*	-	-	-	-	-	-	-	-	-	-	4.4	1693
13.5 - 14.4	-	0.8	3.4	0.3	*	-	-	-	-	-	-	-	-	-	-	4.6	1767
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	0.3	1.3	0.1	*	-	-	-	-	-	-	-	-	-	-	1.7	662
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0

18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	*	0.1	*	-	-	-	-	-	-	-	-	-	-	-	0.1	43
20.5 - 21.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
21.5 - 22.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
22.5 - 23.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
23.5 - 24.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
24.5 - 25.4	-	-	*	-	-	-	-	-	-	-	-	-	-	-	-	0.0	6
TOTAL %	0.0	11.7	76.9	11.2	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	5	4523	29816	4350	75	0	0	0	0	0	0	0	0	0	0		38769

(* < 0.05%)

STATION: 51001

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

Months: SEP, OCT, NOV (Autumn)

	WAVE HEIGHT																
WAVE PERIOD	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	TOT %	TOT N
< 0.5	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	1
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
3.5 - 4.4	-	*	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	5
4.5 - 5.4	-	0.1	0.3	-	-	-	-	-	-	-	-	-	-	-	-	0.4	128
5.5 - 6.4	-	0.2	2.2	0.1	-	-	-	-	-	-	-	-	-	-	-	2.5	832
6.5 - 7.4	-	0.4	5.0	0.7	*	-	-	-	-	-	-	-	-	-	-	6.1	2047
7.5 - 8.4	-	2.2	15.1	4.3	0.3	*	-	-	-	-	-	-	-	-	-	21.8	7373
8.5 - 9.4	-	1.4	9.9	3.2	0.5	0.1	*	-	-	-	-	-	-	-	-	15.2	5116
9.5 - 10.4	-	0.7	7.9	2.7	0.7	0.2	*	*	-	-	-	-	-	-	-	12.2	4111
10.5 - 11.4	-	0.6	7.6	2.9	0.8	0.4	0.1	*	*	-	-	-	-	-	-	12.5	4207
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	0.5	7.5	4.6	0.9	0.3	0.2	0.1	*	-	-	-	-	-	-	14.0	4711
13.5 - 14.4	-	0.3	4.2	4.1	1.2	0.3	0.2	0.1	*	*	*	-	*	-	-	10.4	3518
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	0.2	1.3	1.4	0.7	0.3	0.2	0.1	*	*	*	-	-	-	-	4.1	1395
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	*	0.3	0.4	0.2	0.1	*	*	*	-	-	-	-	-	-	0.9	312
20.5 - 21.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
21.5 - 22.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
22.5 - 23.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
23.5 - 24.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
24.5 - 25.4	-	-	*	*	-	-	-	-	-	*	-	-	-	-	-	0.0	10
TOTAL %	0.0	6.4	61.3	24.3	5.3	1.6	0.8	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	1	2162	20686	8195	1792	538	284	85	14	5	3	0	1	0	0		33766

(* < 0.05%)

STATION: 51001

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

Month: JAN

	WAVE HEIGHT																
WAVE PERIOD	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	TOT %	TOT N
< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
3.5 - 4.4	-	-	*	-	-	-	-	-	-	-	-	-	-	-	-	0.0	5
4.5 - 5.4	-	0.3	2.0	0.1	-	-	-	-	-	-	-	-	-	-	-	2.4	279
5.5 - 6.4	-	0.6	8.3	7.1	0.5	-	-	-	-	-	-	-	-	-	-	16.6	1924
6.5 - 7.4	-	0.2	7.2	13.2	5.8	0.9	*	-	-	-	-	-	-	-	-	27.3	3172
7.5 - 8.4	-	0.1	6.0	8.4	4.2	1.3	0.3	*	-	-	-	-	-	-	-	20.3	2363
8.5 - 9.4	-	-	2.7	6.0	3.6	1.8	0.4	0.2	*	-	-	-	-	-	-	14.7	1707
9.5 - 10.4	-	-	0.5	4.1	3.2	1.9	0.5	0.1	0.1	*	-	-	-	-	-	10.5	1217
10.5 - 11.4	-	-	*	1.0	1.6	1.1	0.5	0.1	*	*	*	-	-	-	-	4.4	506
11.5 - 12.4	-	-	*	0.2	0.7	0.6	0.5	0.1	*	-	-	-	-	-	-	2.1	245
12.5 - 13.4	-	-	*	0.1	0.4	0.3	0.2	0.2	0.1	-	-	-	-	-	-	1.1	132
13.5 - 14.4	-	-	-	*	0.1	0.1	0.1	*	0.1	-	-	-	-	-	-	0.4	52
14.5 - 15.4	-	-	-	-	*	*	-	*	*	-	-	-	-	-	-	0.1	9
15.5 - 16.4	-	-	-	-	*	-	-	-	-	-	-	-	-	-	-	0.0	1
TOTAL %	0.0	1.2	26.9	40.3	20.0	7.9	2.5	0.8	0.3	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	0	143	3121	4674	2328	920	291	96	32	4	3	0	0	0	0		11612

(* < 0.05%)

STATION: 51001

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

Month: FEB

WAVE HEIGHT

WAVE PERIOD	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	TOT %	TOT N
< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
3.5 - 4.4	-	-	*	-	-	-	-	-	-	-	-	-	-	-	-	0.0	2
4.5 - 5.4	-	*	2.3	0.2	-	-	-	-	-	-	-	-	-	-	-	2.6	294
5.5 - 6.4	-	0.2	8.4	10.0	0.7	-	-	-	-	-	-	-	-	-	-	19.4	2217
6.5 - 7.4	-	0.4	6.9	11.6	6.4	0.6	-	-	-	-	-	-	-	-	-	25.9	2968
7.5 - 8.4	-	*	5.4	9.7	4.1	1.6	0.2	*	-	-	-	-	-	-	-	21.0	2400
8.5 - 9.4	-	-	2.5	7.4	3.8	1.6	0.3	0.1	*	-	-	-	-	-	-	15.8	1811
9.5 - 10.4	-	-	0.7	2.9	2.5	1.6	0.6	0.1	*	-	-	-	-	-	-	8.4	964
10.5 - 11.4	-	-	0.1	1.1	1.3	1.1	0.4	0.2	0.1	*	-	-	-	-	-	4.3	490
11.5 - 12.4	-	-	*	0.4	0.5	0.4	0.3	*	*	0.1	*	-	-	-	-	1.7	197
12.5 - 13.4	-	-	-	0.1	0.2	0.2	0.1	*	*	-	-	-	-	-	-	0.6	74
13.5 - 14.4	-	-	-	-	*	0.1	0.1	0.1	*	-	-	-	-	-	-	0.2	24
14.5 - 15.4	-	-	-	-	*	*	*	-	-	-	-	-	-	-	-	0.0	4
TOTAL %	0.0	0.7	26.4	43.5	19.6	7.2	1.9	0.5	0.2	0.1	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	0	75	3020	4973	2247	821	219	62	18	9	1	0	0	0	0		11445

(* < 0.05%)

STATION: 51001

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

Month: MAR

WAVE HEIGHT

WAVE PERIOD	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	TOT %	TOT N
< 0.5	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	2
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
3.5 - 4.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
4.5 - 5.4	-	0.1	1.9	0.5	-	-	-	-	-	-	-	-	-	-	-	2.5	282
5.5 - 6.4	-	0.8	10.7	11.7	0.7	-	-	-	-	-	-	-	-	-	-	23.9	2695
6.5 - 7.4	-	0.9	10.4	14.4	7.5	0.8	*	-	-	-	-	-	-	-	-	34.1	3840
7.5 - 8.4	-	0.3	6.4	7.9	4.0	2.1	0.3	*	-	-	-	-	-	-	-	21.0	2370
8.5 - 9.4	-	0.1	2.5	4.9	1.8	0.7	0.2	*	-	-	-	-	-	-	-	10.1	1140
9.5 - 10.4	-	-	1.1	2.5	0.9	0.4	0.1	-	-	-	-	-	-	-	-	5.0	561
10.5 - 11.4	-	-	0.1	1.0	0.5	0.1	*	*	*	-	-	-	-	-	-	1.8	200
11.5 - 12.4	-	-	0.1	0.3	0.4	0.1	-	-	*	-	-	-	-	-	-	1.0	108
12.5 - 13.4	-	-	*	0.2	0.2	0.1	-	-	-	-	-	-	-	-	-	0.5	57
13.5 - 14.4	-	-	-	0.1	*	*	-	-	-	-	-	-	-	-	-	0.1	13
14.5 - 15.4	-	-	-	-	-	*	-	-	-	-	-	-	-	-	-	0.0	1
TOTAL %	0.0	2.2	33.3	43.4	15.9	4.4	0.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	2	246	3747	4891	1796	496	80	8	3	0	0	0	0	0	0		11269

(* < 0.05%)

STATION: 51001

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

Month: APR

WAVE HEIGHT

WAVE PERIOD	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	TOT %	TOT N
< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
3.5 - 4.4	-	*	*	-	-	-	-	-	-	-	-	-	-	-	-	0.0	2
4.5 - 5.4	-	0.3	6.2	0.7	-	-	-	-	-	-	-	-	-	-	-	7.1	811
5.5 - 6.4	-	1.6	26.6	16.6	0.5	-	-	-	-	-	-	-	-	-	-	45.3	5157
6.5 - 7.4	-	0.5	12.8	14.8	4.4	0.3	-	-	-	-	-	-	-	-	-	32.7	3731
7.5 - 8.4	-	*	4.7	3.4	1.6	0.4	*	-	-	-	-	-	-	-	-	10.1	1149
8.5 - 9.4	-	-	1.1	1.0	0.6	0.2	*	-	-	-	-	-	-	-	-	3.0	341
9.5 - 10.4	-	-	0.2	0.4	0.2	0.1	0.1	-	-	-	-	-	-	-	-	0.9	107
10.5 - 11.4	-	-	-	0.1	0.2	0.2	0.1	*	-	-	-	-	-	-	-	0.7	75
11.5 - 12.4	-	-	-	-	0.1	0.1	*	-	-	-	-	-	-	-	-	0.2	18
12.5 - 13.4	-	-	-	-	*	-	-	-	-	-	-	-	-	-	-	0.0	1
13.5 - 14.4	-	-	-	-	-	*	-	-	-	-	-	-	-	-	-	0.0	1
TOTAL %	0.0	2.4	51.6	37.1	7.5	1.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	0	277	5875	4226	853	133	28	1	0	0	0	0	0	0	0		11393

(* < 0.05%)

STATION: 51001

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

Month: MAY

	WAVE HEIGHT																
WAVE PERIOD	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	TOT %	TOT N
< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
3.5 - 4.4	-	0.1	*	-	-	-	-	-	-	-	-	-	-	-	-	0.1	12
4.5 - 5.4	-	3.4	15.2	0.7	-	-	-	-	-	-	-	-	-	-	-	19.4	2387
5.5 - 6.4	-	5.3	37.2	12.7	0.1	-	-	-	-	-	-	-	-	-	-	55.3	6816
6.5 - 7.4	-	3.1	8.7	5.6	0.3	-	-	-	-	-	-	-	-	-	-	17.7	2180
7.5 - 8.4	-	0.3	3.4	1.2	0.2	-	-	-	-	-	-	-	-	-	-	5.2	640
8.5 - 9.4	-	*	1.3	0.3	0.2	*	-	-	-	-	-	-	-	-	-	1.8	222
9.5 - 10.4	-	-	0.4	*	*	*	-	-	-	-	-	-	-	-	-	0.5	63
10.5 - 11.4	-	-	*	*	-	-	-	-	-	-	-	-	-	-	-	0.1	8
TOTAL %	0.0	12.2	66.3	20.6	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	0	1498	8175	2543	109	3	0	0	0	0	0	0	0	0	0		12328

(* < 0.05%)

STATION: 51001

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

Month: JUN

	WAVE HEIGHT																
WAVE PERIOD	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	TOT %	TOT N
< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
3.5 - 4.4	-	0.2	0.3	-	-	-	-	-	-	-	-	-	-	-	-	0.5	70
4.5 - 5.4	-	5.0	29.2	0.1	-	-	-	-	-	-	-	-	-	-	-	34.3	4503
5.5 - 6.4	-	4.6	39.5	7.2	*	-	-	-	-	-	-	-	-	-	-	51.3	6734
6.5 - 7.4	-	2.9	6.3	1.7	0.1	-	-	-	-	-	-	-	-	-	-	11.0	1440
7.5 - 8.4	-	0.6	1.4	0.3	*	-	-	-	-	-	-	-	-	-	-	2.4	312
8.5 - 9.4	-	*	0.3	0.1	*	-	-	-	-	-	-	-	-	-	-	0.5	61
9.5 - 10.4	-	-	*	0.1	-	-	-	-	-	-	-	-	-	-	-	0.1	9
TOTAL %	0.0	13.3	77.1	9.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	0	1752	10119	1247	11	0	0	0	0	0	0	0	0	0	0		13129

(* < 0.05%)

STATION: 51001

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

Month: JUL

	WAVE HEIGHT																
WAVE PERIOD	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	TOT %	TOT N
< 0.5	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	3
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
3.5 - 4.4	-	0.2	0.1	-	-	-	-	-	-	-	-	-	-	-	-	0.3	38
4.5 - 5.4	-	3.9	24.8	0.8	-	-	-	-	-	-	-	-	-	-	-	29.4	3706
5.5 - 6.4	-	3.4	46.8	12.7	*	-	-	-	-	-	-	-	-	-	-	63.0	7933
6.5 - 7.4	-	0.7	3.3	1.9	0.2	-	-	-	-	-	-	-	-	-	-	6.0	754
7.5 - 8.4	-	*	0.8	0.1	-	-	-	-	-	-	-	-	-	-	-	0.9	117
8.5 - 9.4	-	*	0.3	-	-	-	-	-	-	-	-	-	-	-	-	0.3	38
9.5 - 10.4	-	-	0.1	*	-	-	-	-	-	-	-	-	-	-	-	0.1	8
10.5 - 11.4	-	-	-	*	-	-	-	-	-	-	-	-	-	-	-	0.0	1
TOTAL %	0.0	8.2	76.1	15.4	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	3	1038	9585	1944	28	0	0	0	0	0	0	0	0	0	0		12598

(* < 0.05%)

STATION: 51001

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

Month: AUG

	WAVE HEIGHT																
WAVE PERIOD	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	TOT %	TOT N
< 0.5	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	2
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0

3.5 - 4.4	-	0.2	0.1	-	-	-	-	-	-	-	-	-	-	-	-	0.3	34
4.5 - 5.4	-	3.7	30.1	0.4	-	-	-	-	-	-	-	-	-	-	-	34.2	4464
5.5 - 6.4	-	5.1	40.0	6.9	*	-	-	-	-	-	-	-	-	-	-	52.0	6791
6.5 - 7.4	-	3.4	5.2	0.8	0.1	-	-	-	-	-	-	-	-	-	-	9.5	1236
7.5 - 8.4	-	0.9	1.9	0.5	0.1	-	-	-	-	-	-	-	-	-	-	3.4	448
8.5 - 9.4	-	-	0.2	0.1	*	-	-	-	-	-	-	-	-	-	-	0.4	54
9.5 - 10.4	-	-	*	0.1	-	-	-	-	-	-	-	-	-	-	-	0.2	21
10.5 - 11.4	-	-	-	*	-	-	-	-	-	-	-	-	-	-	-	0.0	2
TOTAL %	0.0	13.3	77.5	8.9	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	2	1733	10121	1160	36	0	0	0	0	0	0	0	0	0	0		13052

(* < 0.05%)

STATION: 51001

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

Month: SEP

	WAVE HEIGHT																
WAVE PERIOD	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	TOT %	TOT N
< 0.5	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	1
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
3.5 - 4.4	-	*	*	-	-	-	-	-	-	-	-	-	-	-	-	0.0	4
4.5 - 5.4	-	3.5	19.8	0.3	-	-	-	-	-	-	-	-	-	-	-	23.6	3028
5.5 - 6.4	-	5.8	35.0	3.7	-	-	-	-	-	-	-	-	-	-	-	44.6	5723
6.5 - 7.4	-	3.2	14.1	2.3	*	-	-	-	-	-	-	-	-	-	-	19.6	2518
7.5 - 8.4	-	0.8	5.4	1.7	0.1	-	-	-	-	-	-	-	-	-	-	8.0	1027
8.5 - 9.4	-	*	1.1	1.7	*	-	-	-	-	-	-	-	-	-	-	2.8	359
9.5 - 10.4	-	-	*	0.7	0.1	*	-	-	-	-	-	-	-	-	-	0.9	111
10.5 - 11.4	-	-	-	0.2	0.1	-	-	-	-	-	-	-	-	-	-	0.3	37
11.5 - 12.4	-	-	-	*	0.1	*	-	-	-	-	-	-	-	-	-	0.1	11
12.5 - 13.4	-	-	-	-	*	0.1	-	-	-	-	-	-	-	-	-	0.1	13
13.5 - 14.4	-	-	-	-	*	-	*	-	-	-	-	-	-	-	-	0.0	2
TOTAL %	0.0	13.4	75.4	10.7	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	1	1721	9678	1367	57	9	1	0	0	0	0	0	0	0	0		12834

(* < 0.05%)

STATION: 51001

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

Month: OCT

	WAVE HEIGHT																
WAVE PERIOD	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	TOT %	TOT N
< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
3.5 - 4.4	-	*	*	-	-	-	-	-	-	-	-	-	-	-	-	0.0	3
4.5 - 5.4	-	0.3	10.0	0.3	-	-	-	-	-	-	-	-	-	-	-	10.6	1180
5.5 - 6.4	-	0.6	33.4	12.9	0.2	-	-	-	-	-	-	-	-	-	-	47.2	5264
6.5 - 7.4	-	1.4	13.3	8.1	0.6	*	-	-	-	-	-	-	-	-	-	23.4	2613
7.5 - 8.4	-	0.3	6.7	3.5	0.5	0.1	-	-	-	-	-	-	-	-	-	11.1	1238
8.5 - 9.4	-	*	2.4	1.8	0.7	*	-	-	-	-	-	-	-	-	-	5.0	553
9.5 - 10.4	-	-	0.6	0.8	0.5	*	-	-	-	-	-	-	-	-	-	1.9	208
10.5 - 11.4	-	-	*	0.1	0.1	0.1	*	-	-	-	-	-	-	-	-	0.4	43
11.5 - 12.4	-	-	*	0.1	0.1	0.1	0.1	-	-	-	-	-	-	-	-	0.3	35
12.5 - 13.4	-	-	-	*	*	*	-	-	-	-	-	-	-	-	-	0.1	7
13.5 - 14.4	-	-	-	*	-	*	-	-	-	-	-	-	-	-	-	0.0	3
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	*	-	-	-	-	-	0.0	1
TOTAL %	0.0	2.7	66.5	27.6	2.6	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	0	304	7411	3079	294	47	12	0	0	1	0	0	0	0	0		11148

(* < 0.05%)

STATION: 51001

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

Month: NOV

	WAVE HEIGHT																
WAVE PERIOD	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	TOT %	TOT N
< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
3.5 - 4.4	-	*	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	1

4.5 - 5.4	-	0.4	1.6	0.1	-	-	-	-	-	-	-	-	-	-	-	2.1	206
5.5 - 6.4	-	0.4	16.3	10.9	0.3	-	-	-	-	-	-	-	-	-	-	28.0	2742
6.5 - 7.4	-	0.4	12.2	13.8	6.8	1.0	*	-	-	-	-	-	-	-	-	34.1	3340
7.5 - 8.4	-	0.1	4.5	8.0	3.8	2.0	1.0	0.1	-	-	-	-	-	-	-	19.5	1908
8.5 - 9.4	-	-	1.7	3.2	2.0	0.7	0.6	0.2	*	-	-	-	-	-	-	8.5	829
9.5 - 10.4	-	-	0.4	1.8	1.1	0.6	0.4	0.1	*	*	-	-	-	-	-	4.5	441
10.5 - 11.4	-	-	*	0.5	0.4	0.3	0.5	0.2	0.1	*	*	-	*	-	-	2.0	195
11.5 - 12.4	-	-	-	0.1	0.1	0.2	0.1	0.2	*	-	*	-	-	-	-	0.7	70
12.5 - 13.4	-	-	-	*	0.1	0.1	0.1	*	-	-	-	-	-	-	-	0.4	36
13.5 - 14.4	-	-	-	-	*	-	*	-	-	-	-	-	-	-	-	0.1	7
14.5 - 15.4	-	-	-	-	*	*	-	-	-	-	-	-	-	-	-	0.1	6
15.5 - 16.4	-	-	-	-	-	*	*	-	-	-	-	-	-	-	-	0.0	4
TOTAL %	0.0	1.4	36.8	38.3	14.7	4.9	2.8	0.9	0.1	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	0	137	3598	3749	1441	482	271	85	14	4	3	0	1	0	0		9785

(* < 0.05%)

STATION: 51001

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

Month: DEC

	WAVE HEIGHT																
WAVE PERIOD	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	TOT %	TOT N
< 0.5	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	6
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
3.5 - 4.4	-	*	0.1	-	-	-	-	-	-	-	-	-	-	-	-	0.1	18
4.5 - 5.4	-	0.2	1.6	0.4	-	-	-	-	-	-	-	-	-	-	-	2.2	263
5.5 - 6.4	-	0.5	9.0	7.5	0.4	-	-	-	-	-	-	-	-	-	-	17.4	2106
6.5 - 7.4	-	0.3	8.8	15.4	8.4	0.7	*	-	-	-	-	-	-	-	-	33.6	4074
7.5 - 8.4	-	0.2	5.6	7.9	5.5	2.1	0.5	-	-	-	-	-	-	-	-	21.8	2640
8.5 - 9.4	-	*	2.4	4.8	3.6	1.4	0.5	*	-	-	-	-	-	-	-	12.7	1539
9.5 - 10.4	-	-	0.3	2.2	2.2	1.2	0.3	0.1	-	-	-	-	-	-	-	6.3	763
10.5 - 11.4	-	-	*	0.6	1.3	0.9	0.2	*	-	-	-	-	-	-	-	3.1	372
11.5 - 12.4	-	-	-	0.2	0.6	0.5	0.2	*	-	-	-	-	-	-	-	1.5	186
12.5 - 13.4	-	-	-	*	0.2	0.2	0.2	0.1	*	-	-	-	-	-	-	0.7	89
13.5 - 14.4	-	-	-	-	*	0.1	0.1	*	*	*	-	-	-	-	-	0.2	30
14.5 - 15.4	-	-	-	-	*	*	0.1	0.1	-	-	-	-	-	-	-	0.2	22
15.5 - 16.4	-	-	-	-	-	*	-	*	-	-	-	-	-	-	-	0.0	3
16.5 - 17.4	-	-	-	-	-	-	-	-	*	-	-	-	-	-	-	0.0	1
TOTAL %	0.0	1.2	27.9	39.0	22.2	7.2	2.0	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	6	146	3377	4722	2684	868	242	58	8	1	0	0	0	0	0		12112

(* < 0.05%)

STATION: 51001

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

All Months: Annual

	WAVE HEIGHT																
WAVE PERIOD	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	TOT %	TOT N
< 0.5	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	14
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
3.5 - 4.4	-	0.1	0.1	-	-	-	-	-	-	-	-	-	-	-	-	0.1	189
4.5 - 5.4	-	1.9	12.7	0.4	-	-	-	-	-	-	-	-	-	-	-	15.0	21403
5.5 - 6.4	-	2.5	26.6	9.9	0.3	-	-	-	-	-	-	-	-	-	-	39.3	56102
6.5 - 7.4	-	1.5	9.0	8.3	3.2	0.3	*	-	-	-	-	-	-	-	-	22.3	31866
7.5 - 8.4	-	0.3	4.3	4.2	1.9	0.8	0.2	*	-	-	-	-	-	-	-	11.6	16612
8.5 - 9.4	-	*	1.5	2.5	1.3	0.5	0.2	*	*	-	-	-	-	-	-	6.1	8654
9.5 - 10.4	-	-	0.4	1.3	0.9	0.5	0.2	*	*	*	-	-	-	-	-	3.1	4473
10.5 - 11.4	-	-	*	0.4	0.4	0.3	0.1	*	*	*	*	-	*	-	-	1.4	1929
11.5 - 12.4	-	-	*	0.1	0.2	0.2	0.1	*	*	*	*	-	-	-	-	0.6	870
12.5 - 13.4	-	-	*	*	0.1	0.1	*	*	*	-	-	-	-	-	-	0.3	409
13.5 - 14.4	-	-	-	*	*	*	*	*	*	*	-	-	-	-	-	0.1	132
14.5 - 15.4	-	-	-	-	*	*	*	*	*	-	-	-	-	-	-	0.0	42
15.5 - 16.4	-	-	-	-	*	*	*	*	-	*	-	-	-	-	-	0.0	9
16.5 - 17.4	-	-	-	-	-	-	-	-	*	-	-	-	-	-	-	0.0	1
TOTAL %	0.0	6.4	54.5	27.0	8.3	2.6	0.8	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	14	9070	77827	38575	11884	3779	1144	310	75	19	7	0	1	0	0		142705

(* < 0.05%)

STATION: 51001

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

Months: DEC, JAN, FEB (Winter)

WAVE HEIGHT

WAVE PERIOD	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	TOT %	TOT N
< 0.5	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	6
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
3.5 - 4.4	-	*	0.1	-	-	-	-	-	-	-	-	-	-	-	-	0.1	25
4.5 - 5.4	-	0.2	2.0	0.2	-	-	-	-	-	-	-	-	-	-	-	2.4	836
5.5 - 6.4	-	0.4	8.6	8.2	0.5	-	-	-	-	-	-	-	-	-	-	17.8	6247
6.5 - 7.4	-	0.3	7.7	13.5	6.9	0.7	*	-	-	-	-	-	-	-	-	29.0	10214
7.5 - 8.4	-	0.1	5.7	8.6	4.6	1.7	0.3	*	-	-	-	-	-	-	-	21.0	7403
8.5 - 9.4	-	*	2.5	6.0	3.6	1.6	0.4	0.1	*	-	-	-	-	-	-	14.4	5057
9.5 - 10.4	-	-	0.5	3.1	2.6	1.5	0.4	0.1	*	*	-	-	-	-	-	8.4	2944
10.5 - 11.4	-	-	0.1	0.9	1.4	1.0	0.4	0.1	*	*	*	-	-	-	-	3.9	1368
11.5 - 12.4	-	-	*	0.3	0.6	0.5	0.3	0.1	*	*	*	-	-	-	-	1.8	628
12.5 - 13.4	-	-	*	0.1	0.2	0.2	0.1	0.1	*	-	-	-	-	-	-	0.8	295
13.5 - 14.4	-	-	-	*	*	0.1	0.1	*	*	*	-	-	-	-	-	0.3	106
14.5 - 15.4	-	-	-	-	*	*	*	*	*	-	-	-	-	-	-	0.1	35
15.5 - 16.4	-	-	-	-	*	*	-	*	-	-	-	-	-	-	-	0.0	4
16.5 - 17.4	-	-	-	-	-	-	-	-	*	-	-	-	-	-	-	0.0	1
TOTAL %	0.0	1.0	27.1	40.9	20.6	7.4	2.1	0.6	0.2	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	6	364	9518	14369	7259	2609	752	216	58	14	4	0	0	0	0		35169

(* < 0.05%)

STATION: 51001

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

Months: MAR, APR, MAY (Spring)

WAVE HEIGHT

WAVE PERIOD	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	TOT %	TOT N
< 0.5	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	2
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
3.5 - 4.4	-	*	*	-	-	-	-	-	-	-	-	-	-	-	-	0.0	14
4.5 - 5.4	-	1.3	8.0	0.6	-	-	-	-	-	-	-	-	-	-	-	9.9	3480
5.5 - 6.4	-	2.6	25.2	13.7	0.4	-	-	-	-	-	-	-	-	-	-	41.9	14668
6.5 - 7.4	-	1.5	10.6	11.4	4.0	0.3	*	-	-	-	-	-	-	-	-	27.9	9751
7.5 - 8.4	-	0.2	4.8	4.1	1.9	0.8	0.1	*	-	-	-	-	-	-	-	11.9	4159
8.5 - 9.4	-	*	1.6	2.0	0.8	0.3	0.1	*	-	-	-	-	-	-	-	4.9	1703
9.5 - 10.4	-	-	0.6	0.9	0.3	0.2	0.1	-	-	-	-	-	-	-	-	2.1	731
10.5 - 11.4	-	-	*	0.4	0.2	0.1	0.1	*	*	-	-	-	-	-	-	0.8	283
11.5 - 12.4	-	-	*	0.1	0.2	0.1	*	-	*	-	-	-	-	-	-	0.4	126
12.5 - 13.4	-	-	*	0.1	0.1	*	-	-	-	-	-	-	-	-	-	0.2	58
13.5 - 14.4	-	-	-	*	*	*	-	-	-	-	-	-	-	-	-	0.0	14
14.5 - 15.4	-	-	-	-	-	*	-	-	-	-	-	-	-	-	-	0.0	1
TOTAL %	0.0	5.8	50.9	33.3	7.9	1.8	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	2	2021	17797	11660	2758	632	108	9	3	0	0	0	0	0	0		34990

(* < 0.05%)

STATION: 51001

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

Months: JUN, JUL, AUG (Summer)

WAVE HEIGHT

WAVE PERIOD	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	TOT %	TOT N
< 0.5	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	5
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
3.5 - 4.4	-	0.2	0.1	-	-	-	-	-	-	-	-	-	-	-	-	0.4	142
4.5 - 5.4	-	4.2	28.1	0.4	-	-	-	-	-	-	-	-	-	-	-	32.7	12673
5.5 - 6.4	-	4.4	42.0	8.9	*	-	-	-	-	-	-	-	-	-	-	55.3	21458
6.5 - 7.4	-	2.3	4.9	1.4	0.1	-	-	-	-	-	-	-	-	-	-	8.8	3430
7.5 - 8.4	-	0.5	1.4	0.3	*	-	-	-	-	-	-	-	-	-	-	2.3	877
8.5 - 9.4	-	*	0.3	0.1	*	-	-	-	-	-	-	-	-	-	-	0.4	153
9.5 - 10.4	-	-	*	0.1	-	-	-	-	-	-	-	-	-	-	-	0.1	38
10.5 - 11.4	-	-	-	*	-	-	-	-	-	-	-	-	-	-	-	0.0	3
TOTAL %	0.0	11.7	76.9	11.2	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	5	4523	29825	4351	75	0	0	0	0	0	0	0	0	0	0		38779

(* < 0.05%)

STATION: 51001

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

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-

WAVE PERIOD	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	>13.4	TOT %	TOT N
< 0.5	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	1
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
3.5 - 4.4	-	*	*	-	-	-	-	-	-	-	-	-	-	-	-	0.0	8
4.5 - 5.4	-	1.5	11.3	0.2	-	-	-	-	-	-	-	-	-	-	-	13.1	4414
5.5 - 6.4	-	2.6	29.1	8.8	0.2	-	-	-	-	-	-	-	-	-	-	40.7	13729
6.5 - 7.4	-	1.8	13.3	7.5	2.2	0.3	*	-	-	-	-	-	-	-	-	25.1	8471
7.5 - 8.4	-	0.4	5.6	4.1	1.3	0.6	0.3	*	-	-	-	-	-	-	-	12.4	4173
8.5 - 9.4	-	*	1.7	2.2	0.8	0.2	0.2	0.1	*	-	-	-	-	-	-	5.2	1741
9.5 - 10.4	-	-	0.3	1.0	0.5	0.2	0.1	*	*	*	-	-	-	-	-	2.3	760
10.5 - 11.4	-	-	*	0.3	0.2	0.1	0.2	*	*	*	*	-	*	-	-	0.8	275
11.5 - 12.4	-	-	*	*	0.1	0.1	0.1	0.1	*	-	*	-	-	-	-	0.3	116
12.5 - 13.4	-	-	-	*	0.1	0.1	*	*	-	-	-	-	-	-	-	0.2	56
13.5 - 14.4	-	-	-	*	*	*	*	-	-	-	-	-	-	-	-	0.0	12
14.5 - 15.4	-	-	-	-	*	*	-	-	-	-	-	-	-	-	-	0.0	6
15.5 - 16.4	-	-	-	-	-	*	*	-	-	*	-	-	-	-	-	0.0	5
TOTAL %	0.0	6.4	61.3	24.3	5.3	1.6	0.8	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	1	2162	20687	8195	1792	538	284	85	14	5	3	0	1	0	0		33767

(* < 0.05%)

Summary complete: 09-Sep-2003 10:11:52