

STATION: 46027

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

ELEMENT: AIR TEMPERATURE (DEGREES C) -- POR: (9/1983 - 12/2001) (122516 RECORDS, 99.0% HAVE ELEMENT)

	JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC		ANN		
	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	
23	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	#	-	-	-	-	-	-	-	-	1	#
22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	999	2	#	-	-	-	-	-	-	3	999
21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	999	-	-	-	-	-	-	-	-	5	999
20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	999	12	999	-	-	-	-	-	-	19	999
19	-	-	1	#	1	#	-	-	-	-	-	-	-	-	-	13	999	14	999	-	-	-	-	-	-	29	999
18	-	-	4	999	2	999	2	#	2	#	-	-	4	#	1	#	15	998	18	997	-	-	-	-	-	48	999
17	-	-	7	999	4	999	3	999	3	999	1	#	14	999	20	999	69	996	28	996	-	-	1	#	150	999	
16	1	#	23	999	13	999	6	999	10	999	12	999	103	998	104	998	241	990	78	993	28	#	13	999	632	998	
15	8	999	39	996	23	998	38	999	32	999	50	999	262	989	346	986	548	968	198	985	94	997	59	999	1697	993	
14	73	999	154	992	97	996	132	995	121	995	329	993	732	965	1232	949	1295	918	702	966	438	988	216	993	5521	979	
13	465	992	552	977	467	987	473	983	826	983	1223	958	1827	899	2609	814	2602	801	2205	897	1191	947	553	971	14993	934	
12	1036	943	1021	921	1042	943	979	940	1490	902	1772	827	2677	733	2485	529	2483	564	2380	682	1709	833	1107	916	20181	811	
11	2111	836	2144	817	2354	846	2782	850	2618	756	2928	637	3459	491	1843	258	2242	339	2622	449	2949	670	2371	805	30423	647	
10	2245	618	2092	599	2712	627	2976	594	2553	498	1825	324	1530	178	473	57	990	135	1249	193	1847	388	2013	567	22505	398	
9	1754	385	1768	386	2172	374	2274	320	1944	247	974	128	410	39	49	5	387	45	535	71	1120	212	1653	366	15040	215	
8	1045	204	976	207	1059	172	825	111	504	56	210	24	21	2	1	*	76	10	101	19	577	105	918	200	6313	92	
7	575	96	571	107	508	73	256	35	63	6	15	2	-	-	-	-	30	3	78	9	305	50	522	108	2923	40	
6	282	36	276	49	209	26	99	12	-	-	1	*	-	-	-	-	2	*	14	1	181	20	283	56	1347	17	
5	55	7	126	21	63	7	27	2	-	-	-	-	-	-	-	-	-	-	-	-	33	3	70	28	374	6	
4	12	1	50	8	8	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	59	21	129	3	
3	-	-	14	3	1	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	33	15	48	1	
2	-	-	14	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	48	12	62	1	
1	-	-	5	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16	7	21	1	
0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9	5	9	*	
-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9	4	9	*	
-2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	18	3	18	*	
-3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11	2	11	*	
-4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	1	5	*	
-5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	*
MEAN	9.8		9.9		9.9		10.1		10.5		11.1		11.6		12.3		12.2		11.7		10.7		9.9		10.8		
S.D.	1.7		1.9		1.6		1.5		1.4		1.4		1.4		1.3		1.7		1.6		1.8		2.2		1.9		
TOTAL	9662		9837		10735		10872		10166		9340		11039		9163		11007		10236		10472		9987		122516		
MAX	16.4		18.8		18.8		18.0		17.7		16.6		18.2		17.5		22.8		22.4		16.1		16.7		22.8		
DATE	1992011723		1987020803		1987033021		1999041521		1987050805		1986060418		1985071000		1996082823		1990092117		1993102706		2001111918		1993122322		1990092117		
MIN	3.9		0.5		3.1		4.7		6.6		6.4		7.8		8.4		6.3		5.9		4.7		-4.1		-4.1		
DATE	1993010217		1990021710		1994032214		1999040318		1991052812		1991060714		1986071813		1988082411		1988092414		1990102416		1985111215		1990122116		1990122116		

STATION: 46027

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

ELEMENT: SEA TEMPERATURE (DEGREES C) -- POR: (9/1983 - 12/2001) (122307 RECORDS, 98.8% 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	
18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	#
17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	71	#	-	-	-	-	-	-	-	71	#
16	-	-	-	-	-	-	-	-	-	-	-	-	11	#	27	#	160	994	4	#	-	-	-	-	-	202	999
15	-	-	-	-	-	-	1	#	1	#	8	#	188	999	168	997	349	979	141	999	75	#	-	-	-	931	998
14	3	#	-	-	3	#	40	999	94	999	200	999	470	982	827	979	589	947	379	986	469	993	35	#	3109	990	
13	209	999	199	#	417	999	512	996	937	991	1089	978	1233	939	1732	888	1623	893	1522	949	1429	948	911	996	11813	965	
12	618	978	607	980	1176	961	1934	949	1372	898	1040	861	1838	827	1986	698	2564	745	2523	800	1893	811	1221	905	18772	868	
11	4409	914	5248	918	3821	852	3126	771	1692	763	1553	749	2436	660	2747	480	3325	512	3859	553	4246	630	4980	783	41442	715	
10	3517	457	2951	384	4418	496	2762	483	1853	596	1747	582	1923	439	1156	179	1674	208	1385	176	1911	224	1651	284	26948	376	
9	695	92	778	84	888	85	2020	229	2078	414	1803	395	1961	264	449	52	509	56	344	41	433	42	934	118	12892	156	
8	185	20	46	5	31	3	418	43	1586	209	1369	201	928	86	24	3	101	9	75	7	2	*	211	25	4976	50	
7	11	1	-	-	-	-	47	4	532	53	466	54	18	2	-	-	-	-	-	-	-	-	-	35	4	1109	9
6	-	-	-	-	-	-	-	-	2	*	40	4	-	-	-	-	-	-	-	-	-	-	-	-	-	42	*
MEAN	10.5		10.6		10.5		10.5		10.0		10.1		10.7		11.7		11.6		11.4		11.3		10.8		10.8		
S.D.	0.8		0.8		0.9		1.2		1.7		1.8		1.7		1.4		1.5		1.2		1.2		1.1		1.4		
TOTAL	9647		9829		10754		10860		10147		9315		11006		9116		10965		10232		10458		9978		122307		
MAX	13.6		13.4		13.6		14.5		14.6		14.9		15.7		16.0		17.3		15.7		15.2		13.6		17.3		
DATE	1996010105		1996021503		1995031623		1992042800		1987050801		1990060823		1992070605		1996083001		1994091102		1983101021		1983110403		1995123112		1994091102		
MIN	7.4		7.5		7.7		6.8		6.4		6.3		7.4		8.2		8.1		8.3		8.4		7.1		6.3		
DATE	1991010208		1987022514		1988033115		1999043021		1991052713		1991060612		1994070613		1988082106		1999092904		1999101715		1985112412		1990123116		1991060612		

(* < 0.05% , # = 100.0%)

DATE - - - 1999041801 - 1999061911 - - - - 1999061911
 MIN - - - 9.7 - 11.0 - - - - 9.7
 DATE - - - 1999041809 - 1999061913 - - - - 1999041809

(* < 0.05% , # = 100.0%)

STATION: 46027

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

ELEMENT: SEA LEVEL PRESSURE (MILLIBARS) -- POR: (9/1983 - 12/2001) (117900 RECORDS, 95.2% 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	
1039	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	#
1038	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	#	3	#
1037	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	999	3	999
1036	1	#	-	-	4	#	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20	999	25	999	
1035	9	999	-	-	6	999	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16	997	31	999	
1034	59	999	19	#	8	999	-	-	2	#	-	-	-	-	-	-	-	-	-	-	6	#	8	996	102	999	
1033	56	993	12	998	13	998	-	-	5	999	-	-	-	-	-	-	-	-	-	-	7	999	63	995	156	999	
1032	83	987	18	997	33	997	9	#	18	999	-	-	-	-	-	-	-	-	-	-	4	999	122	988	287	997	
1031	142	978	82	995	69	994	49	999	4	998	-	-	-	-	-	-	-	-	-	-	47	998	141	975	534	995	
1030	182	964	169	987	82	988	110	995	11	997	-	-	-	-	-	-	-	-	-	-	116	993	203	960	873	990	
1029	228	945	176	970	102	980	61	984	12	996	-	-	-	-	-	-	-	-	-	2	#	158	980	260	938	999	983
1028	271	921	232	952	178	971	152	979	23	995	-	-	-	-	-	-	-	-	-	20	999	255	963	343	911	1474	974
1027	394	893	294	928	304	954	256	965	62	993	10	#	3	#	-	-	2	#	44	998	416	934	347	874	2132	962	
1026	376	852	282	898	341	926	329	941	48	987	62	999	6	999	-	-	6	999	74	993	391	888	315	837	2230	944	
1025	447	813	408	869	539	894	409	910	109	982	63	992	21	999	3	#	19	999	139	985	427	845	452	803	3036	925	
1024	566	767	420	828	571	844	556	872	245	971	110	986	113	997	25	999	9	997	272	970	489	798	492	755	3868	899	
1023	508	709	472	785	565	791	610	820	385	947	233	974	183	987	34	997	58	997	322	941	559	744	531	703	4460	866	
1022	577	656	549	737	611	738	725	763	593	909	429	949	353	970	115	993	179	991	511	906	618	682	559	646	5819	829	
1021	559	596	587	682	625	681	797	696	786	851	702	903	462	938	298	979	313	973	635	852	615	614	640	586	7019	779	
1020	563	538	600	622	644	623	927	622	1020	773	802	828	710	896	672	944	513	943	810	784	657	546	506	518	8424	720	
1019	539	480	575	561	637	563	830	535	987	673	936	742	873	831	896	864	644	893	946	697	559	473	509	464	8931	648	
1018	492	424	542	502	655	504	797	458	956	576	977	641	1224	751	1045	757	811	831	956	596	504	412	413	410	9372	572	
1017	435	373	539	447	729	443	834	384	1010	482	1250	537	1604	639	1170	633	1095	752	905	493	499	356	398	366	10468	493	
1016	448	328	423	392	676	376	723	306	1125	382	921	403	1472	493	1115	494	1391	646	947	396	443	301	377	323	10061	404	
1015	382	282	362	349	454	313	561	239	745	272	768	304	1226	358	895	361	1168	511	613	295	315	252	243	283	7732	319	
1014	309	242	356	313	421	271	478	187	637	198	720	222	1084	246	702	255	1211	397	531	229	289	217	265	257	7003	253	
1013	253	210	346	277	328	231	455	142	511	136	550	145	624	147	593	171	939	280	494	172	324	185	270	229	5687	194	
1012	229	184	310	241	321	201	244	100	287	85	284	86	434	90	399	101	589	188	309	119	262	149	201	200	3869	146	
1011	218	160	243	210	282	171	202	77	171	57	124	55	273	51	215	53	451	131	229	86	221	120	218	179	2847	113	
1010	185	138	270	185	283	145	190	58	100	40	156	42	166	26	109	28	349	87	163	62	175	96	197	156	2343	89	
1009	180	119	200	158	225	119	133	40	87	31	82	25	59	11	36	15	265	54	151	44	101	77	150	135	1669	69	
1008	157	100	199	137	194	98	90	28	51	22	59	16	52	5	52	11	89	28	81	28	111	65	161	119	1296	55	
1007	107	84	157	117	163	80	71	20	47	17	42	10	5	*	25	4	56	19	39	19	98	53	159	101	969	44	
1006	150	73	138	101	85	64	45	13	60	12	28	6	-	-	6	1	43	14	30	15	87	42	131	84	803	35	
1005	104	57	143	87	76	57	19	9	33	6	11	3	-	-	6	1	30	10	19	12	47	33	96	70	584	29	
1004	77	46	135	73	78	49	29	7	22	3	7	1	-	-	-	-	33	7	26	10	52	28	79	60	588	24	
1003	87	38	107	59	78	42	17	4	7	1	6	1	-	-	-	-	26	3	31	7	36	22	67	52	462	19	
1002	61	29	75	48	63	35	9	3	1	*	-	-	-	-	-	-	7	1	5	4	36	18	56	45	313	15	
1001	45	23	58	40	50	29	6	2	2	*	-	-	-	-	-	-	3	*	6	3	30	14	48	39	248	13	
1000	60	18	65	34	34	24	12	1	-	-	-	-	-	-	-	-	-	-	4	3	15	10	40	34	230	10	
999	33	12	44	28	37	21	2	*	-	-	-	-	-	-	-	-	-	-	3	2	14	9	53	29	186	8	
998	16	9	45	23	18	18	1	*	-	-	-	-	-	-	-	-	-	-	3	2	16	7	39	24	138	7	
997	20	7	21	19	48	16	-	-	-	-	-	-	-	-	-	-	-	-	9	2	10	6	33	20	141	6	
996	12	5	32	17	29	12	-	-	-	-	-	-	-	-	-	-	-	-	3	1	21	4	28	16	125	5	
995	5	4	20	13	18	9	-	-	-	-	-	-	-	-	-	-	-	-	3	*	4	2	31	13	81	3	
994	5	3	28	11	11	7	-	-	-	-	-	-	-	-	-	-	-	-	1	*	7	2	31	10	83	3	
993	6	3	19	9	9	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	1	18	6	54	2	
992	9	2	20	7	12	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	1	5	4	48	2	
991	7	1	13	5	3	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	4	27	1	
990	4	*	15	3	8	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	*	4	4	35	1	
989	-	-	9	2	9	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	3	22	1	
988	-	-	6	1	12	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	3	22	1	
987	-	-	1	*	7	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	2	12	*	
986	-	-	-	-	8	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2	10	*	
985	-	-	1	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	2	2	*	
984	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	1	2	*	
983	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	1	2	*	
982	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	1	2	*	
981	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	1	*	
980	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	1	2	*	
979	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	1	*	
978	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	*	
977	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	*	3	*	
976	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	*	1	*	
975	-	-	-																								

MAX	1035.5	1034.4	1036.2	1032.1	1033.7	1027.0	1026.9	1025.0	1026.8	1028.6	1034.1	1038.1	1038.1
DATE	1988012119	1988021018	1988030919	1985042416	1988050118	1986061821	1989072009	1984083119	1988092715	1987102517	1987112516	1987121118	1987121118
MIN	989.9	984.6	985.6	998.4	1000.8	1002.9	1006.8	1004.7	1000.8	994.4	989.7	975.9	975.9
DATE	1992010510	2000021417	1991030115	1996041608	1996051716	1984060613	2001072502	1988082102	2000092201	1992102914	1983111017	1995121215	1995121215

(* < 0.05% , # = 100.0%)

STATION: 46027

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

ELEMENT: AVERAGE WIND SPEED (KNOTS) -- POR: (9/1983 - 12/2001) (111503 RECORDS, 90.1% 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	
45	-	-	-	-	-	-	-	-	-	-	-	-	1	#	-	-	-	-	-	-	-	-	-	-	-	1	#
44	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999
43	-	-	1	#	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	#	-	-	-	4	999
42	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999
41	-	-	1	999	-	-	-	-	2	#	-	-	7	999	-	-	-	-	1	#	4	999	2	#	17	999	
40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	999	1	999	
39	1	#	3	999	2	#	-	-	15	999	10	#	4	999	-	-	-	-	1	999	1	999	5	999	42	999	
38	-	-	2	999	-	-	-	-	2	998	-	-	-	-	-	-	-	-	-	-	1	999	2	999	7	999	
37	2	999	7	999	2	999	2	#	20	998	12	999	23	999	7	#	1	#	1	999	14	999	5	999	96	999	
36	3	999	1	998	1	999	-	-	3	996	3	997	1	996	-	-	-	-	-	-	3	998	5	998	20	998	
35	4	999	17	998	6	999	7	999	15	996	30	997	60	996	22	999	7	999	-	-	17	997	17	998	202	998	
34	2	999	6	997	1	999	1	999	8	994	8	994	13	990	-	-	4	999	-	-	6	996	9	996	58	997	
33	25	999	25	996	29	999	14	999	62	993	45	993	97	989	32	996	32	999	2	999	19	995	33	995	415	996	
32	14	996	15	993	15	996	15	997	34	987	25	988	24	979	1	992	16	996	1	999	7	993	11	991	178	992	
31	28	994	53	992	49	994	41	996	89	983	74	985	105	976	38	992	63	994	12	999	28	992	37	990	617	991	
30	27	991	23	986	33	990	25	991	52	974	55	976	25	965	20	987	29	988	7	998	21	989	19	986	336	985	
29	63	988	77	983	82	986	56	989	119	968	123	970	128	963	64	985	96	985	28	997	53	987	76	984	965	982	
28	36	981	39	975	70	978	54	982	88	956	70	956	37	949	21	976	47	975	23	994	23	982	34	976	542	973	
27	92	977	126	971	125	971	105	977	154	946	135	948	149	945	65	974	137	970	35	992	86	980	103	972	1312	969	
26	60	967	88	957	99	959	61	965	127	930	118	932	73	930	39	965	90	957	58	988	40	971	64	961	917	957	
25	142	960	185	947	165	949	100	958	185	917	167	919	234	922	114	960	179	947	71	982	114	967	174	954	1830	949	
24	85	944	110	927	108	932	83	948	153	898	105	899	88	898	53	946	91	929	77	975	55	955	84	935	1092	932	
23	203	935	205	915	235	922	148	939	197	881	191	887	248	889	136	939	202	920	129	967	178	949	188	926	2260	922	
22	137	912	134	893	168	898	109	922	174	861	129	865	109	863	59	921	103	900	125	953	91	931	123	906	1461	902	
21	260	896	260	879	293	882	205	911	297	842	210	851	240	852	131	914	194	890	143	940	246	922	211	893	2690	889	
20	150	867	162	850	187	852	178	888	185	811	129	826	109	827	82	897	117	870	143	925	148	897	180	870	1770	865	
19	337	850	346	833	440	834	310	869	369	792	238	812	259	816	194	886	245	858	234	910	352	882	346	850	3670	849	
18	342	813	306	795	406	790	297	835	326	753	238	784	245	789	158	861	222	834	214	886	343	846	332	813	3429	816	
17	209	774	210	762	233	750	222	803	221	719	125	757	116	763	79	841	102	811	175	863	232	810	203	777	2127	785	
16	389	751	390	739	414	726	347	778	355	695	283	743	225	751	175	831	218	801	270	845	416	787	371	755	3853	766	
15	249	707	219	697	286	685	204	741	168	658	156	710	121	728	92	809	140	779	190	817	238	744	231	715	2294	732	
14	420	679	377	673	437	657	354	718	359	640	290	692	235	715	151	797	219	765	289	797	439	720	420	690	3990	711	
13	308	632	267	632	271	613	244	680	208	603	187	659	106	691	128	777	145	743	195	767	257	675	261	645	2577	675	
12	525	598	498	603	517	586	477	653	460	581	414	637	280	680	252	761	349	728	357	746	564	649	441	616	5134	652	
11	306	539	266	549	314	535	273	601	226	533	176	590	152	651	139	729	193	693	227	709	317	591	304	569	2893	606	
10	549	505	528	521	534	504	552	572	458	509	412	569	349	635	268	711	404	674	379	685	606	558	460	536	5499	580	
9	373	443	343	463	380	450	364	511	280	461	242	522	192	599	168	676	257	633	308	646	391	496	354	486	3652	531	
8	666	401	640	426	687	413	670	472	560	431	555	494	474	579	363	655	529	607	552	613	685	456	546	448	6927	498	
7	377	327	401	357	471	344	434	399	340	372	285	430	286	530	293	608	329	554	457	556	475	386	447	389	4595	436	
6	618	284	732	313	722	297	710	351	665	337	625	398	733	500	590	570	695	521	781	508	784	338	677	340	8332	395	
5	456	215	477	234	529	226	597	274	463	267	477	326	606	424	573	495	790	451	812	426	639	258	656	267	7075	320	
4	564	164	649	182	660	173	757	209	710	218	733	271	1079	361	939	421	1056	372	1013	341	719	192	680	196	9559	257	
3	252	101	296	111	289	107	347	127	370	143	458	187	521	249	649	300	812	265	632	235	393	119	364	123	5383	171	
2	374	72	388	79	419	79	454	89	556	104	649	134	973	195	864	217	958	184	891	169	456	78	402	83	7384	123	
1	115	30	146	37	125	37	182	39	184	46	233	60	363	94	351	106	498	87	357	76	153	32	144	40	2851	56	
0	157	18	197	21	245	24	178	19	254	27	285	33	538	56	473	61	371	37	365	38	158	16	225	24	3446	31	
MEAN		11.6		11.6		11.8		10.7		12.1		11.1		10.2		8.4		9.2		8.6		10.8		11.2		10.6	
S.D.		7.1		7.6		7.5		7.2		8.5		8.5		9.0		7.7		8.0		6.7		7.0		7.5		7.8	
TOTAL		8920		9216		10049		9177		9513		8700		9628		7783		9940		9555		9775		9247		111503	
MAX		38.9		43.4		38.9		36.9		40.8		38.9		44.7		36.9		36.9		40.8		42.8		41.4		44.7	
DATE	1986011508	2000021417	1991030311	1986042401	1987051900	1984061800	1987071600	1988080200	1983090500	1985102209	1986112423	1996122918	1987071600														
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	1999010914	2000021108	1999031101	2001041904	2000052814	2001062919	2000072704	2001081419	2000092408	2000101513	1996111715	1996121719	2001081419														

(* < 0.05% , # = 100.0%)

STATION: 46027

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: (9/1983 - 12/2001) (110784 RECORDS, 89.5% HAVE ELEMENT)

	JAN	
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5.5	118	989	123	988	115	992	27	999	1	#	-	-	-	-	-	-	-	21	994	75	989	198	976	678	994		
5.0	210	976	266	975	214	981	50	996	6	999	5	#	3	#	-	-	-	-	25	992	116	980	318	954	1213	988	
4.5	429	952	413	946	385	960	108	991	28	999	16	999	22	999	4	#	16	#	62	989	215	967	488	919	2186	977	
4.0	796	904	644	900	675	922	339	981	132	996	101	998	71	998	24	999	86	998	193	982	457	943	860	864	4378	958	
3.5	1081	814	988	829	1049	856	643	950	371	983	234	986	233	990	149	997	247	989	525	959	790	893	1136	769	7446	918	
3.0	1364	692	1531	720	1626	754	1239	890	832	946	604	958	668	967	359	978	774	963	963	897	1319	805	1448	642	12727	851	
2.5	1651	538	1995	552	2222	595	2131	774	1806	863	1363	888	1316	901	853	934	1335	880	1695	784	1800	658	1534	481	19701	737	
2.0	1839	352	1855	332	2149	377	2821	576	2515	682	1865	728	1913	771	1649	830	1957	737	2065	585	1994	458	1399	310	24021	561	
1.5	1091	145	888	128	1160	167	2395	313	2669	430	2255	510	3003	581	2364	627	2681	527	1834	342	1534	236	986	154	22860	345	
1.0	197	22	263	30	484	53	935	90	1516	163	1872	245	2439	283	2468	338	2021	239	1033	126	567	65	391	44	14186	140	
0.5	-	-	9	1	60	6	34	3	112	11	224	26	417	41	284	35	211	23	39	5	20	2	7	1	1417	13	
0.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MEAN	2.8		2.8		2.7		2.2		2.0		1.8		1.7		1.6		1.8		2.2		2.5		3.0		2.3		
S.D.	1.1		1.0		1.0		0.8		0.7		0.7		0.7		0.7		0.7		0.9		1.0		1.2		1.0		
TOTAL	8873		9080		10217		10738		9988		8539		10085		8154		9330		8502		8989		8978		111473		
MAX	8.9		9.0		8.2		6.7		5.4		4.9		4.9		4.7		4.7		10.0		8.8		10.0		10.0		
DATE	1990013019	1999021619	1999033001	1999040600	2001050202	1988060314	1991070523	1988082103	1991092103	1999102812	2001112116	1995121222	1999102812														
MIN	0.8		0.7		0.5		0.4		0.4		0.4		0.4		0.3		0.1		0.5		0.5		0.7		0.1		
DATE	1991013014	1996020306	1987032916	1991040713	1996051119	1999061115	1985070306	1989083007	1988092921	1989101710	1990110801	1999122402	1988092921														

(* < 0.05% , # = 100.0%)

STATION: 46027

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

ELEMENT: AVERAGE WAVE PERIOD (SECONDS) -- POR: (4/1985 - 12/2001) (111472 RECORDS, 90.0% HAVE ELEMENT)

	JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC		ANN		
	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	
18	-	-	-	-	1	#	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	#
17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999
16	-	-	-	-	10	999	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10	999
15	1	#	1	#	8	999	7	#	-	-	-	-	-	-	-	-	-	-	1	#	-	-	-	-	-	18	999
14	18	999	6	999	23	998	8	999	-	-	-	-	-	-	-	-	-	-	1	999	3	#	23	#	82	999	
13	51	998	60	999	28	996	31	999	-	-	-	-	-	-	-	-	23	#	16	999	35	999	67	997	311	999	
12	172	992	192	993	117	993	67	996	-	-	-	-	-	-	-	-	81	998	37	998	101	996	243	990	1010	996	
11	444	973	554	971	445	982	144	989	11	#	18	#	1	#	5	#	136	989	194	994	250	985	744	963	2946	987	
10	965	923	1172	910	1068	938	520	976	119	999	86	998	12	999	34	999	204	974	626	971	935	957	1360	880	7101	961	
9	1849	814	1855	781	2048	834	1444	928	639	987	319	988	135	999	139	995	688	952	1491	897	1896	853	1979	729	14482	897	
8	2382	606	2180	577	2491	633	2630	793	1636	923	889	950	655	985	448	978	1188	879	1927	722	2466	642	1937	508	20829	767	
7	1810	337	1926	337	2036	389	2806	548	2554	759	2141	846	2439	920	2145	923	2831	751	2227	495	1937	367	1360	292	26212	580	
6	854	133	930	125	1403	190	2343	287	3079	503	3502	596	4769	679	3599	660	3126	448	1479	233	1010	152	995	141	27089	345	
5	297	37	188	22	525	53	707	69	1860	195	1491	186	1943	206	1682	219	991	113	481	59	331	40	259	30	10755	102	
4	30	3	16	2	13	1	31	3	89	9	93	11	131	13	103	13	62	7	22	3	25	3	11	1	626	6	
3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	*
MEAN	8.1		8.2		7.9		7.4		6.6		6.4		6.2		6.2		6.8		7.6		8.0		8.4		7.3		
S.D.	1.6		1.6		1.6		1.4		1.2		1.1		0.9		0.9		1.4		1.4		1.5		1.7		1.6		
TOTAL	8873		9080		10216		10738		9987		8539		10085		8155		9330		8502		8989		8978		111472		
MAX	14.6		14.6		17.5		15.4		11.4		11.2		10.8		10.8		13.2		14.7		14.3		14.4		17.5		
DATE	2000012918	1994020200	1999032100	1988041621	1989050123	1999061405	1985070811	1988082521	1995092317	1995102411	1987112804	1985122303	1999032100														
MIN	3.5		3.8		4.2		4.0		3.5		3.8		3.7		3.6		3.9		3.9		3.9		4.0		3.5		
DATE	1990011911	1990021921	1987032820	1989041012	1990051918	1986062021	1992070622	1996081200	1990091906	1992100823	1992110706	1990122311	1990051918														

(* < 0.05% , # = 100.0%)

STATION: 46027

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

ELEMENT: DOMINANT WAVE PERIOD (SECONDS) -- POR: (4/1985 - 12/2001) (111471 RECORDS, 90.0% HAVE ELEMENT)

	JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC		ANN		
	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	
25	18	#	16	#	37	#	3	#	2	#	-	-	-	-	-	-	4	#	-	-	3	#	30	#	113	#	
24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999
23	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999
22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999
21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999
20	275	998	379	998	328	996	124	999	47	999	16	#	37	#	44	#	111	999	83	#	133	999	301	997	1878	999	
19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	982
18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	982
17	1083	967	1045	956	1130	964	483	988	297	995	274	998	214	996	239	995	462	988	379	990	617	985	1091	963	7314	982	
16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	917
15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	917
14	2090	845	2198	841	2091	854	1387	943	571	965	426	966	209	975	223	965	643	938	1003	946	1461	916	2300	842	14602	917	
13	2186	609	2248	599	2215	649	2295	814	900	908	561	916	174	954	178	938	834	869	1873	828	2107	754	2223	585	17794	786	
12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	626
11	1202	363	1328	352	1809	432	2089	600	1497	818	860	850	343	937	359	916	1041	780	1803	607	1918	519	1275	338	15524	626	
10	751	228	735	206	871	255	1434	406	1277	668	957	750															

9	488	143	403	125	510	170	943	272	1340	540	966	638	1297	831	899	786	1070	553	632	265	675	182	317	132	9540	385	
8	401	88	441	80	560	120	1126	184	1879	406	2282	525	3855	702	2734	676	2191	439	844	191	582	107	461	96	17356	299	
7	254	43	202	32	416	65	507	80	1193	218	1305	257	2134	320	1777	341	1336	204	484	92	230	42	287	45	10125	144	
6	97	14	79	9	201	24	289	32	782	99	709	104	836	108	771	123	483	61	237	35	113	16	94	13	4691	53	
5	20	3	4	1	45	5	50	5	171	20	162	21	218	25	191	28	66	9	50	7	29	4	19	2	1025	11	
4	4	1	1	*	3	*	6	1	26	3	19	2	32	4	37	5	14	2	7	1	5	1	3	*	157	2	
3	4	*	1	*	-	-	2	*	5	1	2	*	7	1	3	*	2	*	-	-	-	-	-	-	-	26	*
2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	*
MEAN	12.7		12.8		12.4		11.2		9.6		9.2		8.4		8.5		9.8		11.1		11.8		12.8		10.9		
S.D.	3.0		2.9		3.1		2.7		2.7		2.6		2.2		2.5		3.0		2.7		2.6		3.0		3.2		
TOTAL	8873		9080		10216		10738		9987		8539		10084		8155		9330		8502		8989		8978		111471		
MAX	25.0		25.0		25.0		25.0		25.0		20.0		20.0		20.0		25.0		20.0		25.0		25.0		25.0		
DATE	2001011817		2000021402		2001030700		1988041610		1991051022		1996061023		1999072500		2001080320		2000092722		2001101409		2000112308		2001122701		2001122701		
MIN	3.0		3.2		4.3		2.5		3.2		3.4		3.2		3.4		3.0		4.3		3.6		4.2		2.5		
DATE	1990011910		1990021921		1997031519		1989042523		1990052602		1994062404		1990070317		1994081402		1990091903		2001101700		1989112312		2000121119		1989042523		

(* < 0.05% , # = 100.0%)

ELEMENT SUMMARY FOR STATION: 46027

- (A) TOTAL STDMET RECORDS READ = 123806
- (B) TOTAL CWIND RECORDS READ = 168114
- (C) TOTAL RECORDS USED IN STATS = 291920

	AIR TMP	SEA TMP	AIR-SEA	DEWPT	SLP	AVWS	PKGS-8M	PKGS-5S	SIGWVHT	AVWVPD	DWVPD	VSBY
(D) ELEMENT RECORDS AVAILABLE	122516	122307	122194	12	117900	111503	110784	26449	111473	111472	111471	0
(E) ELEMENT OUT OF RANGE	1290	1499	1612	123794	5906	12303	13022	141665	12333	12334	12335	123806

STATION: 46027 -- POR (9/1983 - 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
1983	MEAN	-	-	-	-	-	-	-	-	13.5	12.6	11.8	9.7	12.0
	MAXIMUM	-	-	-	-	-	-	-	-	21.2	18.8	15.9	14.3	21.2
	DAY-HR	-	-	-	-	-	-	-	-	21-23	25-21	10-07	09-03	SEP
	MINIMUM	-	-	-	-	-	-	-	-	10.5	9.3	6.6	1.1	1.1
	DAY-HR	-	-	-	-	-	-	-	-	30-13	19-15	21-02	23-11	DEC
	# OBS	-	-	-	-	-	-	-	-	714	742	684	622	2762
1984	MEAN	9.9	9.4	10.8	-	-	10.5	10.8	12.8	12.4	12.3	-	-	11.0
	MAXIMUM	13.7	14.4	15.9	-	-	15.9	14.1	16.2	18.8	15.2	-	-	18.8
	DAY-HR	02-22	03-04	05-22	-	-	27-00	26-03	23-00	19-20	07-19	-	-	SEP
	MINIMUM	5.9	5.1	7.1	-	-	7.8	8.6	10.3	8.6	9.6	-	-	5.1
	DAY-HR	14-17	22-16	02-15	-	-	19-12	08-09	20-18	26-15	05-12	-	-	FEB
	# OBS	740	688	444	-	-	598	738	740	716	167	-	-	4831
1985	MEAN	-	-	-	9.3	10.3	11.2	11.9	13.1	-	10.6	8.2	8.5	9.9
	MAXIMUM	-	-	-	11.7	16.8	14.2	18.2	15.7	-	13.7	12.0	12.8	18.2
	DAY-HR	-	-	-	12-02	23-23	04-23	10-00	01-23	-	27-23	04-00	17-20	JUL
	MINIMUM	-	-	-	5.1	6.6	8.6	8.6	11.3	-	8.1	4.7	5.1	4.7
	DAY-HR	-	-	-	20-13	08-13	29-09	27-13	03-16	-	30-12	12-15	25-17	NOV
	# OBS	-	-	-	623	743	154	740	161	-	349	717	741	4228
1986	MEAN	10.8	10.5	10.9	9.2	10.5	12.3	11.4	10.9	-	-	11.2	10.4	10.8
	MAXIMUM	14.9	17.6	17.2	12.5	14.8	16.6	15.9	14.3	-	-	15.4	12.5	17.6
	DAY-HR	13-05	26-20	19-22	08-20	25-00	04-18	01-17	08-21	-	-	04-10	03-22	FEB
	MINIMUM	6.7	6.7	5.9	6.3	7.0	9.4	7.8	9.3	-	-	7.8	8.6	5.9
	DAY-HR	12-10	07-16	14-14	15-11	11-15	26-13	18-13	07-16	-	-	15-16	01-15	MAR
	# OBS	742	667	735	686	735	716	743	219	-	-	617	137	5997
1987	MEAN	10.6	10.5	10.2	10.6	11.1	11.2	12.4	11.9	11.9	12.5	12.0	9.9	11.3
	MAXIMUM	13.7	18.8	18.8	14.4	17.7	15.0	17.1	14.1	14.4	15.0	15.6	15.3	21.9
	DAY-HR	26-16	08-03	30-21	01-22	08-05	03-23	28-23	13-21	28-23	06-09	20-10	04-00	OCT
	MINIMUM	7.7	5.8	5.1	5.8	8.2	9.0	8.9	9.3	8.6	8.1	8.2	5.2	5.1
	DAY-HR	28-08	23-15	19-09	18-15	22-13	13-17	13-12	04-11	30-10	18-13	25-06	24-13	MAR
	# OBS	286	669	736	545	583	716	742	495	518	738	713	733	7474
1988	MEAN	9.5	9.3	9.1	9.7	11.1	11.9	11.6	11.7	11.0	11.5	11.4	11.5	10.7
	MAXIMUM	14.1	15.3	11.8	13.6	15.6	15.1	17.1	15.6	22.2	13.8	14.2	14.9	22.2
	DAY-HR	26-21	27-22	21-23	26-18	11-02	17-23	13-22	16-21	12-13	07-22	06-01	03-23	SEP
	MINIMUM	5.8	5.3	5.5	6.7	6.9	8.8	8.6	8.4	6.3	8.7	7.1	9.0	5.3
	DAY-HR	01-15	02-16	18-14	11-14	01-10	30-13	20-15	24-11	24-14	26-16	23-23	13-05	FEB
	# OBS	739	693	737	709	738	716	705	700	636	739	717	303	8132
1989	MEAN	-	-	9.0	10.3	10.5	10.6	11.8	11.7	11.0	10.9	10.4	10.0	10.8
	MAXIMUM	-	-	11.1	15.2	14.1	15.2	16.5	14.5	15.7	14.6	14.1	13.3	16.5
	DAY-HR	-	-	24-04	10-00	04-23	18-01	19-00	03-00	07-14	23-03	19-23	04-10	JUL
	MINIMUM	-	-	6.6	7.0	7.4	7.9	8.2	9.5	7.8	7.9	7.1	5.9	5.9

	DAY-HR	-	-	26-13	23-20	18-14	02-16	23-12	05-12	13-14	08-15	26-06	17-17	DEC
	# OBS	-	-	235	709	727	709	732	729	705	717	700	717	6680
1990	MEAN	9.2	7.3	8.8	10.1	9.8	12.0	12.4	12.4	14.4	10.6	10.0	7.2	10.4
	MAXIMUM	12.9	11.5	12.2	12.9	13.4	15.0	16.5	16.5	22.8	13.6	12.5	13.4	22.8
	DAY-HR	11-22	22-08	27-12	09-23	29-02	30-01	05-13	22-00	21-17	01-22	25-08	10-04	SEP
	MINIMUM	5.2	0.5	3.7	7.1	7.4	8.6	8.6	8.7	11.7	5.9	6.6	-4.1	-4.1
	DAY-HR	27-10	17-10	11-17	03-21	17-14	21-15	28-14	03-16	30-15	24-16	26-16	21-16	DEC
	# OBS	722	643	734	702	724	696	727	731	704	737	717	733	8570
1991	MEAN	8.5	10.1	8.6	9.1	9.1	9.8	10.9	12.2	11.4	12.1	-	9.3	10.0
	MAXIMUM	14.8	14.8	12.8	11.4	11.3	14.2	13.4	15.5	17.0	16.7	-	13.4	17.0
	DAY-HR	21-01	24-08	03-20	01-22	08-02	30-01	30-03	08-00	03-23	11-17	-	26-17	SEP
	MINIMUM	4.8	7.2	4.4	5.5	6.6	6.4	8.2	9.5	7.3	8.2	-	5.8	4.4
	DAY-HR	27-16	21-11	26-08	10-15	28-12	07-14	07-15	12-16	23-08	02-13	-	19-16	MAR
	# OBS	736	666	727	713	741	720	741	738	717	294	-	450	7243
1992	MEAN	10.2	11.5	11.8	12.2	11.6	11.7	13.2	12.8	12.1	12.5	11.4	9.4	11.7
	MAXIMUM	16.4	18.0	14.2	16.0	14.9	15.7	16.7	16.0	16.0	19.0	14.8	14.5	19.0
	DAY-HR	17-23	25-17	21-01	27-20	04-01	28-21	06-00	07-00	30-19	07-05	27-02	10-12	OCT
	MINIMUM	6.6	8.2	9.0	7.8	8.3	8.7	9.4	9.4	8.6	8.7	7.8	5.0	5.0
	DAY-HR	12-17	15-23	30-18	05-14	12-15	07-08	29-14	28-15	19-14	12-16	23-16	30-02	DEC
	# OBS	734	624	634	609	639	643	700	672	670	683	698	735	8041
1993	MEAN	8.5	9.5	10.7	10.9	11.2	-	-	-	11.4	12.3	10.2	10.5	10.5
	MAXIMUM	12.9	16.5	13.7	14.1	11.3	-	-	-	13.7	22.4	13.4	16.7	22.4
	DAY-HR	20-15	04-22	31-20	20-02	01-06	-	-	-	12-01	27-06	02-23	23-22	OCT
	MINIMUM	3.9	3.5	7.9	7.1	11.0	-	-	-	7.4	8.3	5.0	7.0	3.5
	DAY-HR	02-17	19-23	06-15	11-15	01-03	-	-	-	25-15	01-13	23-14	16-14	FEB
	# OBS	719	617	670	654	7	-	-	-	698	736	707	738	5546
1994	MEAN	10.8	9.5	10.2	10.4	11.0	11.1	11.0	13.0	12.6	11.5	9.0	8.6	10.8
	MAXIMUM	14.1	13.6	13.6	13.3	14.1	14.4	14.3	17.2	17.4	15.5	12.6	12.6	17.4
	DAY-HR	31-05	16-21	12-20	17-21	08-02	08-02	24-23	12-00	11-01	04-07	01-08	19-13	SEP
	MINIMUM	7.4	6.4	3.1	7.8	7.8	8.8	7.9	9.7	9.7	7.4	5.0	5.1	3.1
	DAY-HR	27-03	11-14	22-14	05-15	28-12	11-14	07-13	18-15	26-15	19-09	26-08	09-12	MAR
	# OBS	733	639	731	716	736	711	727	740	711	731	706	406	8287
1995	MEAN	-	10.5	10.6	10.5	10.9	11.0	-	-	13.6	12.2	11.8	12.0	11.5
	MAXIMUM	-	15.6	14.5	13.6	13.3	12.2	-	-	16.8	15.7	15.8	15.9	16.8
	DAY-HR	-	04-05	30-01	12-19	14-10	06-02	-	-	28-23	01-00	20-22	11-15	SEP
	MINIMUM	-	5.4	5.8	5.5	8.2	9.7	-	-	11.0	9.0	8.7	8.3	5.4
	DAY-HR	-	14-02	23-11	15-18	26-14	01-17	-	-	13-15	30-16	04-17	16-14	FEB
	# OBS	-	600	741	716	740	170	-	-	713	740	709	738	5867
1996	MEAN	10.5	10.7	10.3	11.2	10.4	10.5	11.2	12.2	11.9	11.8	10.8	10.8	11.1
	MAXIMUM	13.7	15.6	15.0	14.8	13.6	15.6	14.2	17.5	16.0	17.6	15.4	15.7	17.6
	DAY-HR	15-21	13-22	09-22	23-09	13-20	28-02	04-00	28-23	16-01	08-20	11-00	31-23	OCT
	MINIMUM	5.1	3.6	5.9	6.4	7.0	7.9	8.3	8.7	6.6	7.9	7.1	7.1	3.6
	DAY-HR	22-13	24-19	28-11	17-21	30-13	12-13	06-13	08-05	24-16	31-17	02-08	22-19	FEB
	# OBS	735	673	737	735	734	710	829	787	714	735	690	735	8814
1997	MEAN	10.0	10.2	9.7	10.1	11.2	-	-	-	-	-	-	-	10.1
	MAXIMUM	15.2	13.9	14.1	12.7	12.7	-	-	-	-	-	-	-	15.2
	DAY-HR	01-00	23-22	19-04	26-22	08-01	-	-	-	-	-	-	-	JAN
	MINIMUM	4.8	7.0	5.0	6.1	8.2	-	-	-	-	-	-	-	4.8
	DAY-HR	13-14	27-09	03-17	01-14	01-15	-	-	-	-	-	-	-	JAN
	# OBS	738	657	739	711	201	-	-	-	-	-	-	-	3046
1998	MEAN	-	-	-	-	-	11.6	12.0	12.4	12.1	11.9	-	-	12.1
	MAXIMUM	-	-	-	-	-	11.6	14.9	14.5	15.0	12.1	-	-	15.0
	DAY-HR	-	-	-	-	-	30-23	14-01	01-02	04-00	01-00	-	-	SEP
	MINIMUM	-	-	-	-	-	11.6	9.6	10.0	8.9	11.7	-	-	8.9
	DAY-HR	-	-	-	-	-	30-23	06-17	31-17	06-18	01-08	-	-	SEP
	# OBS	-	-	-	-	-	1	734	258	711	9	-	-	1713
1999	MEAN	9.5	9.0	8.6	9.0	9.3	10.3	11.1	13.3	11.3	10.5	11.7	9.8	10.3
	MAXIMUM	12.5	12.1	12.7	18.0	12.4	14.1	13.6	16.3	13.9	19.1	15.0	16.2	19.1
	DAY-HR	09-08	27-18	02-23	15-21	23-02	19-00	06-02	03-00	02-02	17-11	07-22	22-00	OCT
	MINIMUM	5.1	4.4	4.7	4.7	6.8	7.7	8.1	10.3	8.8	6.2	8.4	6.0	4.4
	DAY-HR	24-06	10-09	07-15	03-18	09-15	10-21	05-13	23-14	21-15	20-17	22-13	27-17	FEB
	# OBS	595	660	714	700	730	697	733	726	660	667	660	715	8257
2000	MEAN	9.8	10.7	9.4	10.3	11.4	11.1	11.8	11.8	12.1	11.4	10.1	10.7	10.9
	MAXIMUM	13.7	14.9	12.0	14.1	14.5	15.2	15.2	14.3	15.1	16.4	13.3	13.3	16.4
	DAY-HR	30-11	03-21	22-03	12-21	13-21	17-14	27-03	11-00	15-23	23-20	03-23	07-22	OCT
	MINIMUM	6.3	6.3	6.8	7.6	7.6	8.4	9.0	9.0	8.8	7.0	6.1	7.8	6.1
	DAY-HR	26-17	23-13	08-16	03-16	10-21	01-13	04-11	18-10	23-11	07-17	11-15	17-15	NOV
	# OBS	702	673	682	627	651	673	722	725	704	713	717	742	8331
2001	MEAN	10.1	9.3	9.7	9.2	10.1	10.8	11.3	12.3	11.6	11.5	11.2	10.2	10.6
	MAXIMUM	14.8	13.4	12.9	13.0	12.9	14.1	13.4	15.1	14.9	15.2	16.1	14.9	16.1
	DAY-HR	08-02	27-19	07-01	16-21	28-02	27-21	18-23	06-22	04-01	01-18	19-18	27-19	NOV
	MINIMUM	6.5	4.3	6.4	5.1	8.0	8.2	8.7	10.2	9.0	8.2	6.8	5.8	4.3

	DAY-HR	30-14	11-10	03-11	03-14	09-14	17-13	08-17	24-15	21-18	26-17	27-16	10-13	FEB
	# OBS	741	668	739	717	737	710	726	742	716	739	720	742	8697
POR	MEAN	9.8	9.9	9.9	10.1	10.5	11.1	11.6	12.3	12.2	11.7	10.7	9.9	10.8
	MAXIMUM	16.4	18.8	18.8	18.0	17.7	16.6	18.2	17.5	22.8	22.4	16.1	16.7	22.8
	YEAR	1992	1987	1987	1999	1987	1986	1985	1996	1990	1993	2001	1993	SEP/1990
	MINIMUM	3.9	0.5	3.1	4.7	6.6	6.4	7.8	8.4	6.3	5.9	4.7	-4.1	-4.1
	YEAR	1993	1990	1994	1991	1991	1991	1986	1988	1988	1990	1985	1990	DEC/1990
	# OBS	9662	9837	10735	10872	10166	9340	11039	9163	11007	10236	10472	9987	122516

STATION: 46027 -- POR (9/1983 - 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
1983	MEAN	-	-	-	-	-	-	-	-	12.4	13.2	13.6	11.7	12.8
	MAXIMUM	-	-	-	-	-	-	-	-	17.2	15.7	15.2	12.8	17.2
	DAY-HR	-	-	-	-	-	-	-	-	01-23	10-21	04-03	02-17	SEP
	MINIMUM	-	-	-	-	-	-	-	-	10.2	11.1	11.3	10.2	10.2
	DAY-HR	-	-	-	-	-	-	-	-	17-15	01-06	28-18	31-18	DEC
	# OBS	-	-	-	-	-	-	-	-	714	742	691	622	2769
1984	MEAN	10.8	10.6	10.9	-	-	9.1	9.5	12.2	11.3	11.4	-	-	10.7
	MAXIMUM	12.0	11.3	12.5	-	-	14.2	13.6	15.1	14.1	14.8	-	-	15.1
	DAY-HR	05-00	06-23	05-23	-	-	28-23	25-23	28-05	05-05	07-22	-	-	AUG
	MINIMUM	9.4	9.8	10.1	-	-	6.7	7.4	9.7	9.3	10.4	-	-	6.7
	DAY-HR	16-20	26-16	03-14	-	-	18-15	14-13	21-14	26-10	02-15	-	-	JUN
	# OBS	738	688	466	-	-	598	733	741	716	167	-	-	4847
1985	MEAN	-	-	-	9.5	9.3	10.7	11.1	12.9	-	10.7	9.7	9.4	10.1
	MAXIMUM	-	-	-	11.2	12.4	12.9	15.5	14.4	-	11.7	11.3	10.5	15.5
	DAY-HR	-	-	-	13-21	23-22	04-23	09-23	02-00	-	25-22	04-23	31-00	JUL
	MINIMUM	-	-	-	8.1	7.4	8.2	8.2	11.7	-	9.7	8.4	8.6	7.4
	DAY-HR	-	-	-	05-16	15-15	29-10	16-10	05-08	-	18-05	24-12	23-12	MAY
	# OBS	-	-	-	623	742	154	740	161	-	349	717	742	4228
1986	MEAN	10.7	10.9	11.5	9.4	10.3	11.6	9.9	10.1	-	-	11.2	11.0	10.7
	MAXIMUM	11.2	12.9	13.2	11.2	13.8	14.7	13.7	12.5	-	-	13.6	11.3	14.7
	DAY-HR	24-01	27-01	27-00	08-22	29-20	06-22	19-20	01-22	-	-	04-10	06-04	JUN
	MINIMUM	9.4	9.8	10.5	7.3	7.5	8.6	7.8	8.5	-	-	10.2	10.6	7.3
	DAY-HR	04-20	10-11	31-17	24-15	16-10	09-17	17-11	01-07	-	-	12-21	03-18	APR
	# OBS	741	667	735	686	735	717	742	219	-	-	616	137	5995
1987	MEAN	10.6	10.6	10.3	11.0	10.3	10.3	11.1	10.5	11.5	12.3	12.8	11.5	11.1
	MAXIMUM	11.0	12.1	12.5	12.1	14.6	12.8	14.8	12.5	12.8	14.0	14.0	12.6	14.8
	DAY-HR	30-23	05-23	31-00	17-03	08-01	06-21	28-02	20-21	15-03	25-21	10-23	08-05	JUL
	MINIMUM	10.1	7.5	9.0	8.9	6.6	8.6	8.1	9.0	9.9	10.9	11.8	10.5	6.6
	DAY-HR	21-07	25-14	28-12	20-15	20-17	10-07	17-19	07-14	17-13	05-17	30-09	31-17	MAY
	# OBS	286	668	737	545	583	716	742	495	517	738	712	730	7469
1988	MEAN	10.3	10.0	10.1	9.5	11.3	11.8	9.9	11.0	9.8	11.5	11.7	10.0	10.6
	MAXIMUM	10.9	11.0	11.7	11.8	13.6	14.8	13.6	13.6	12.6	12.9	12.8	11.7	14.8
	DAY-HR	15-10	27-23	22-00	28-02	18-05	18-01	15-02	17-19	01-09	15-00	16-11	01-00	JUN
	MINIMUM	9.3	9.3	7.7	7.4	8.6	8.2	7.8	8.2	8.2	10.5	9.7	7.8	7.4
	DAY-HR	22-11	19-16	31-15	01-16	25-17	30-18	22-16	21-06	22-16	01-06	19-13	03-02	APR
	# OBS	739	693	739	709	738	714	702	690	622	739	717	303	8105
1989	MEAN	-	-	9.8	10.6	10.2	9.3	10.5	10.7	11.2	11.1	10.4	10.7	10.5
	MAXIMUM	-	-	11.0	12.4	13.7	12.1	14.3	14.1	13.3	12.9	11.7	12.5	14.3
	DAY-HR	-	-	26-00	30-01	06-23	08-01	19-05	07-09	26-23	01-03	02-05	06-05	JUL
	MINIMUM	-	-	9.5	9.0	7.9	7.1	7.9	8.3	8.9	9.7	9.4	9.5	7.1
	DAY-HR	-	-	29-15	13-16	20-10	23-17	10-11	17-13	06-15	10-18	17-08	25-18	JUN
	# OBS	-	-	235	708	727	709	732	727	705	717	700	717	6677
1990	MEAN	10.1	9.3	9.7	10.5	9.0	11.8	12.2	12.0	14.3	9.9	10.7	9.7	10.8
	MAXIMUM	10.6	10.2	10.5	12.0	12.9	14.9	15.7	14.9	16.8	13.4	12.6	12.1	16.8
	DAY-HR	13-20	03-09	26-02	14-02	29-06	08-23	12-03	22-21	17-00	01-23	24-00	10-12	SEP
	MINIMUM	7.9	8.3	8.9	8.6	7.1	8.2	9.0	8.9	10.3	8.3	9.6	7.1	7.1
	DAY-HR	04-18	17-16	30-07	30-18	16-15	21-13	28-06	03-05	21-07	11-12	21-16	31-16	DEC
	# OBS	721	644	731	701	724	695	727	731	699	737	717	734	8561
1991	MEAN	8.8	10.1	9.9	9.5	8.7	8.6	10.1	11.8	11.3	11.6	-	9.4	9.9
	MAXIMUM	10.2	10.9	10.6	10.6	10.9	13.3	12.6	15.9	14.1	13.3	-	10.8	15.9
	DAY-HR	31-10	26-05	06-01	02-03	06-00	26-04	01-01	22-23	05-03	11-00	-	31-00	AUG
	MINIMUM	7.4	9.4	8.9	8.2	6.4	6.3	7.5	9.1	9.2	10.2	-	8.6	6.3
	DAY-HR	02-08	01-03	30-16	16-12	27-13	06-12	05-11	11-15	10-12	03-02	-	24-13	JUN
	# OBS	736	666	727	713	741	720	734	738	717	295	-	450	7237

1992	MEAN	10.4	11.4	12.5	12.6	11.0	10.8	12.9	13.0	11.3	12.2	12.4	11.3	11.8
	MAXIMUM	11.0	12.9	13.6	14.5	14.2	14.5	15.7	14.9	15.4	13.9	13.4	13.3	15.7
	DAY-HR	31-04	27-01	26-00	28-00	04-03	29-01	06-05	07-23	05-19	08-01	19-06	10-14	JUL
	MINIMUM	9.4	10.3	11.8	11.3	8.3	7.9	9.7	10.6	9.1	9.8	11.2	9.8	7.9
	DAY-HR	13-11	01-06	12-15	07-17	29-19	06-13	10-07	25-05	14-16	15-08	28-10	31-23	JUN
	# OBS	733	624	634	607	639	643	700	673	667	683	698	736	8037
1993	MEAN	10.1	10.6	11.2	11.6	10.8	-	-	-	11.0	12.1	10.1	11.0	11.0
	MAXIMUM	11.0	11.4	12.9	12.9	11.0	-	-	-	13.3	15.5	12.1	11.7	15.5
	DAY-HR	22-07	10-02	22-03	19-22	01-01	-	-	-	04-02	13-23	01-00	15-17	OCT
	MINIMUM	8.7	9.4	10.2	10.6	10.6	-	-	-	9.0	10.6	9.4	9.8	8.7
	DAY-HR	02-17	26-18	01-21	01-12	01-06	-	-	-	22-07	06-12	25-08	21-09	JAN
	# OBS	719	617	670	654	7	-	-	-	695	736	707	735	5540
1994	MEAN	11.2	10.8	10.8	10.3	10.3	9.9	10.0	11.7	12.0	11.1	10.1	9.8	10.7
	MAXIMUM	12.1	11.4	12.0	12.5	12.9	13.9	13.3	15.3	17.3	13.5	11.3	11.4	17.3
	DAY-HR	11-23	02-22	28-00	22-01	08-06	08-00	25-09	22-02	11-02	09-00	30-23	02-00	SEP
	MINIMUM	10.2	10.2	10.2	8.2	7.1	8.2	7.4	9.0	9.7	9.7	9.0	9.0	7.1
	DAY-HR	14-04	22-15	25-15	28-19	28-07	13-11	06-13	08-16	13-11	17-16	29-06	10-06	MAY
	# OBS	730	636	734	716	732	711	728	740	710	731	699	404	8271
1995	MEAN	-	11.2	11.4	11.6	10.5	10.7	-	-	13.1	11.4	11.6	12.8	11.7
	MAXIMUM	-	12.1	13.6	13.4	13.7	12.9	-	-	15.7	14.9	12.9	13.6	15.7
	DAY-HR	-	10-01	16-23	30-22	02-20	05-22	-	-	28-20	12-11	22-23	31-12	SEP
	MINIMUM	-	10.5	10.3	10.3	7.5	8.7	-	-	10.6	9.8	10.5	11.8	7.5
	DAY-HR	-	15-16	06-16	19-15	25-10	08-04	-	-	10-12	25-15	03-20	25-11	MAY
	# OBS	-	594	740	716	740	170	-	-	713	740	709	738	5860
1996	MEAN	11.9	11.8	10.8	11.8	9.6	9.2	10.7	12.0	11.6	11.7	11.1	11.1	11.1
	MAXIMUM	13.6	13.4	12.9	13.6	13.4	14.2	13.3	16.0	15.0	13.3	12.1	11.8	16.0
	DAY-HR	01-05	15-03	15-00	26-00	21-02	28-02	30-03	30-01	16-00	11-00	15-23	31-23	AUG
	MINIMUM	10.2	10.3	9.1	9.8	6.7	7.4	7.8	8.3	9.0	10.2	10.2	9.6	6.7
	DAY-HR	31-09	26-17	18-10	30-08	29-17	17-08	06-14	19-16	24-12	02-11	06-12	16-09	MAY
	# OBS	734	675	735	732	734	710	829	786	714	735	690	735	8809
1997	MEAN	11.0	10.9	10.2	10.4	12.0	-	-	-	-	-	-	-	10.7
	MAXIMUM	12.1	11.7	10.9	13.3	13.6	-	-	-	-	-	-	-	13.6
	DAY-HR	30-00	03-00	10-04	29-21	08-01	-	-	-	-	-	-	-	MAY
	MINIMUM	9.2	9.3	9.3	7.4	11.0	-	-	-	-	-	-	-	7.4
	DAY-HR	08-17	28-14	30-06	05-15	03-11	-	-	-	-	-	-	-	APR
	# OBS	738	657	739	711	201	-	-	-	-	-	-	-	3046
1998	MEAN	-	-	-	-	-	10.8	11.5	12.1	11.5	12.3	-	-	11.6
	MAXIMUM	-	-	-	-	-	10.8	15.5	14.7	14.3	12.8	-	-	15.5
	DAY-HR	-	-	-	-	-	30-23	13-23	01-11	03-04	01-00	-	-	JUL
	MINIMUM	-	-	-	-	-	10.8	8.9	10.3	9.7	12.0	-	-	8.9
	DAY-HR	-	-	-	-	-	30-23	06-04	08-17	13-10	01-05	-	-	JUL
	# OBS	-	-	-	-	-	1	734	257	711	9	-	-	1712
1999	MEAN	9.8	9.5	9.7	9.1	8.7	8.9	10.1	12.4	10.6	10.1	11.3	10.8	10.1
	MAXIMUM	10.3	10.4	11.0	11.4	12.1	13.9	13.3	15.0	12.6	12.7	12.0	11.7	15.0
	DAY-HR	20-01	19-22	26-21	16-23	18-21	15-23	25-23	14-02	01-21	11-21	20-01	01-23	AUG
	MINIMUM	8.9	8.5	7.8	6.8	6.5	6.7	7.7	10.2	8.1	8.3	10.3	9.6	6.5
	DAY-HR	07-14	14-16	06-10	30-21	31-16	01-10	02-15	25-08	29-04	17-15	03-17	31-19	MAY
	# OBS	595	659	712	698	723	680	729	706	656	667	659	713	8197
2000	MEAN	10.0	10.9	10.1	10.4	11.7	10.1	11.2	10.9	11.2	11.4	10.9	11.1	10.8
	MAXIMUM	10.9	12.0	11.2	14.1	13.5	13.6	14.2	15.0	14.4	12.9	12.2	12.1	15.0
	DAY-HR	25-13	18-00	15-23	30-22	14-23	13-04	28-22	11-01	16-18	30-21	04-00	13-18	AUG
	MINIMUM	9.1	10.3	8.3	7.9	8.9	6.9	7.9	9.1	8.8	9.5	9.9	9.8	6.9
	DAY-HR	26-14	17-17	31-17	02-19	31-14	17-14	03-15	18-13	21-16	04-10	24-13	28-10	JUN
	# OBS	700	673	680	627	647	667	714	717	696	710	707	740	8278
2001	MEAN	10.7	9.9	9.8	9.9	9.1	9.6	10.5	11.4	11.0	10.9	11.2	10.7	10.4
	MAXIMUM	11.4	11.0	11.8	11.3	12.6	13.7	13.0	14.4	14.1	14.0	12.1	11.7	14.4
	DAY-HR	12-00	05-02	07-00	29-02	13-22	28-21	02-21	07-14	01-19	01-00	23-05	06-18	AUG
	MINIMUM	9.8	9.1	8.6	8.6	7.1	7.9	8.4	9.0	8.3	9.5	9.8	9.8	7.1
	DAY-HR	31-19	08-06	12-18	10-17	21-14	20-11	25-15	20-09	08-16	27-14	08-16	25-02	MAY
	# OBS	737	668	740	714	734	710	720	735	713	737	719	742	8669
POR	MEAN	10.5	10.6	10.5	10.5	10.0	10.1	10.7	11.7	11.6	11.4	11.3	10.8	10.8
	MAXIMUM	13.6	13.4	13.6	14.5	14.6	14.9	15.7	16.0	17.3	15.7	15.2	13.6	17.3
	YEAR	1996	1996	1995	1992	1987	1990	1992	1996	1994	1983	1983	1995	SEP/1994
	MINIMUM	7.4	7.5	7.7	6.8	6.4	6.3	7.4	8.2	8.1	8.3	8.4	7.1	6.3
	YEAR	1991	1987	1988	1999	1991	1991	1994	1988	1999	1999	1985	1990	JUN/1991
	# OBS	9647	9829	10754	10860	10147	9315	11006	9116	10965	10232	10458	9978	122307

STATION: 46027 -- POR (4/1999 - 6/1999)

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

ELEMENT: DEW POINT TEMPERATURE (DEGREES C)

YEAR	ELEMENT	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	
1999	MEAN	-	-	-	0.0	-	0.0	-	-	-	-	-	-	0.0	
	MAXIMUM	-	-	-	0.0	-	0.0	-	-	-	-	-	-	0.0	
	DAY-HR	-	-	-	18-09	-	19-13	-	-	-	-	-	-	-	JUN
	MINIMUM	-	-	-	0.0	-	0.0	-	-	-	-	-	-	-	0.0
	DAY-HR	-	-	-	18-09	-	19-13	-	-	-	-	-	-	-	JUN
	# OBS	-	-	-	9	-	3	-	-	-	-	-	-	-	12
POR	MEAN	-	-	-	0.0	-	0.0	-	-	-	-	-	-	0.0	
	MAXIMUM	-	-	-	0.0	-	0.0	-	-	-	-	-	-	0.0	
	YEAR	-	-	-	1999	-	1999	-	-	-	-	-	-	-	JUN/1999
	MINIMUM	-	-	-	0.0	-	0.0	-	-	-	-	-	-	-	0.0
	YEAR	-	-	-	1999	-	1999	-	-	-	-	-	-	-	JUN/1999
	# OBS	-	-	-	9	-	3	-	-	-	-	-	-	-	12

STATION: 46027 -- POR (9/1983 - 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
1983	MEAN	-	-	-	-	-	-	-	-	1015.3	1018.1	1014.2	1017.8	1016.3
	MAXIMUM	-	-	-	-	-	-	-	-	1022.6	1026.5	1031.1	1031.4	1031.4
	DAY-HR	-	-	-	-	-	-	-	-	10-18	11-16	27-09	31-17	DEC
	MINIMUM	-	-	-	-	-	-	-	-	1002.8	1009.5	989.7	992.1	989.7
	DAY-HR	-	-	-	-	-	-	-	-	30-01	01-01	10-17	09-21	NOV
	# OBS	-	-	-	-	-	-	-	-	713	742	688	622	2765
1984	MEAN	1024.6	1019.9	1019.5	-	-	1018.3	1015.5	1017.4	1016.0	1017.5	-	-	1018.7
	MAXIMUM	1035.0	1029.7	1030.2	-	-	1025.9	1023.6	1025.0	1022.0	1022.1	-	-	1035.0
	DAY-HR	24-19	17-19	18-04	-	-	08-16	25-19	31-19	01-00	07-13	-	-	JAN
	MINIMUM	1013.2	1007.6	999.1	-	-	1002.9	1007.6	1011.1	1007.2	1012.7	-	-	999.1
	DAY-HR	14-03	13-13	13-13	-	-	06-13	22-01	10-02	11-03	03-00	-	-	MAR
	# OBS	740	684	468	-	-	598	738	741	714	167	-	-	4850
1985	MEAN	-	-	-	1019.9	1018.2	1018.8	1017.1	1019.2	-	1017.5	1018.8	1022.3	1019.1
	MAXIMUM	-	-	-	1032.1	1026.8	1024.0	1024.4	1023.0	-	1024.4	1031.0	1030.5	1032.1
	DAY-HR	-	-	-	24-16	04-01	30-21	10-08	02-05	-	31-19	19-08	16-19	APR
	MINIMUM	-	-	-	1008.4	1008.9	1014.7	1008.1	1016.0	-	1000.2	995.7	983.9	983.9
	DAY-HR	-	-	-	21-12	16-02	01-02	25-02	04-02	-	20-22	29-14	02-16	DEC
	# OBS	-	-	-	623	742	154	740	161	-	349	717	741	4227
1986	MEAN	1017.7	1013.9	1017.2	1020.3	1017.7	1016.8	1018.4	1014.8	-	-	1021.6	1016.0	1017.8
	MAXIMUM	1031.1	1027.6	1031.8	1030.5	1025.3	1027.0	1025.7	1019.2	-	-	1031.3	1024.1	1031.8
	DAY-HR	06-18	04-19	21-19	18-05	22-06	18-21	19-18	03-17	-	-	23-08	01-11	MAR
	MINIMUM	999.0	987.3	994.7	1010.3	1010.3	1008.9	1008.3	1009.5	-	-	1009.2	1005.3	987.3
	DAY-HR	31-16	15-02	08-13	06-01	30-02	02-02	22-02	06-01	-	-	18-21	05-02	FEB
	# OBS	741	668	735	686	735	717	743	219	-	-	616	137	5997
1987	MEAN	1016.9	1018.3	1016.6	1020.6	1016.8	1017.7	1016.4	1014.9	1018.8	1018.4	1020.5	1018.5	1017.9
	MAXIMUM	1026.0	1031.3	1029.6	1029.7	1025.9	1025.9	1021.6	1020.3	1026.2	1028.6	1034.1	1038.1	1038.1
	DAY-HR	20-05	18-18	27-09	19-15	31-23	01-16	07-21	19-19	15-17	25-17	25-16	11-18	DEC
	MINIMUM	1004.4	1003.8	1001.8	1010.3	1010.7	1012.7	1010.5	1009.6	1011.2	1011.8	1008.0	994.4	994.4
	DAY-HR	27-21	02-04	04-22	03-14	18-02	11-02	11-03	08-00	13-03	06-13	30-09	06-09	DEC
	# OBS	286	669	737	545	583	716	742	495	518	738	712	731	7472
1988	MEAN	1020.9	1024.5	1025.3	1017.4	1019.6	1018.3	1018.0	1015.1	1016.5	1018.6	-	-	1019.5
	MAXIMUM	1035.5	1034.4	1036.2	1029.8	1033.7	1026.2	1023.5	1021.6	1026.8	1026.6	-	-	1036.2
	DAY-HR	21-19	10-18	09-19	30-23	01-18	29-12	16-16	24-20	27-15	15-18	-	-	MAR
	MINIMUM	1006.2	1012.7	1014.8	1002.6	1008.9	1012.9	1011.6	1004.7	1007.9	1010.9	-	-	1002.6
	DAY-HR	17-15	26-23	16-02	19-14	28-14	14-01	24-01	21-02	10-02	13-16	-	-	APR
	# OBS	740	693	739	708	738	715	708	695	639	566	-	-	6941
1989	MEAN	-	-	1018.7	1019.8	1020.2	1017.5	1020.8	-	-	-	-	1021.6	1019.7
	MAXIMUM	-	-	1030.4	1030.8	1027.9	1026.9	1026.9	-	-	-	-	1031.9	1031.9
	DAY-HR	-	-	29-20	04-12	19-06	20-17	20-09	-	-	-	-	23-19	DEC
	MINIMUM	-	-	1005.1	1010.3	1012.1	1006.1	1015.0	-	-	-	-	1012.7	1005.1
	DAY-HR	-	-	25-08	09-23	15-02	24-00	22-02	-	-	-	-	18-02	MAR
	# OBS	-	-	235	582	727	708	647	-	-	-	-	412	3311
1990	MEAN	1019.6	1021.4	1019.1	1018.4	1015.4	1017.3	1015.1	1016.0	1016.6	1019.1	1022.6	1022.6	1018.6
	MAXIMUM	1031.4	1031.0	1027.1	1026.5	1021.7	1023.5	1019.9	1021.9	1021.0	1024.9	1030.7	1032.7	1032.7
	DAY-HR	27-20	10-19	06-10	26-06	06-16	12-18	02-22	22-06	07-22	07-18	30-18	02-17	DEC
	MINIMUM	998.3	1001.5	1009.2	1007.0	1002.8	1009.3	1007.7	1009.8	1009.9	1006.5	1010.1	1004.7	998.3
	DAY-HR	30-17	01-01	10-13	23-11	27-12	21-15	15-22	24-03	21-01	31-01	25-12	19-16	JAN
	# OBS	721	645	732	702	724	696	727	731	703	737	717	733	8568

1991	MEAN	1021.5	1018.9	1012.3	1020.8	1018.6	1016.9	1015.9	1016.9	1014.8	1016.0	-	1016.2	1017.2
	MAXIMUM	1031.6	1032.0	1028.3	1031.3	1024.2	1022.6	1020.7	1022.1	1018.9	1022.4	-	1030.7	1032.0
	DAY-HR	15-18	19-20	07-18	10-19	05-16	16-21	17-16	22-15	30-21	01-16	-	19-19	FEB
	MINIMUM	1010.6	990.6	985.6	1011.5	1011.4	1009.4	1008.3	1011.6	1006.5	1009.5	-	1000.3	985.6
	DAY-HR	09-05	28-23	01-15	24-04	30-00	28-12	06-02	06-02	06-01	04-13	-	27-23	MAR
	# OBS	736	666	727	713	741	720	741	738	717	295	-	450	7244
1992	MEAN	1017.8	1013.0	1013.7	1017.5	1015.9	1013.6	1015.6	1016.7	1015.5	1014.9	1021.4	1015.7	1016.0
	MAXIMUM	1027.1	1029.9	1024.9	1027.0	1022.8	1022.0	1019.4	1021.2	1022.5	1023.8	1031.4	1031.9	1031.9
	DAY-HR	22-19	23-06	10-20	18-07	01-20	13-06	19-06	01-20	04-17	22-19	28-07	23-11	DEC
	MINIMUM	989.9	993.7	1002.6	1006.8	1008.7	1005.4	1007.2	1010.3	1008.1	994.4	1007.4	993.2	989.9
	DAY-HR	05-10	10-12	01-10	12-03	06-02	06-01	04-06	25-02	14-13	29-14	22-01	28-14	JAN
	# OBS	733	624	634	607	639	643	700	672	668	684	698	735	8037
1993	MEAN	1014.0	1012.8	1018.4	1018.4	1022.6	-	-	-	1016.2	1017.3	1019.9	1018.7	1017.0
	MAXIMUM	1031.5	1024.9	1032.3	1027.4	1023.5	-	-	-	1022.6	1022.1	1029.6	1032.9	1032.9
	DAY-HR	22-19	01-19	05-19	30-06	01-00	-	-	-	27-19	19-17	24-04	02-19	DEC
	MINIMUM	996.3	990.0	1006.0	1007.9	1022.0	-	-	-	1007.4	1010.3	1007.4	996.5	990.0
	DAY-HR	07-13	19-15	17-15	17-14	01-04	-	-	-	14-02	30-01	29-03	08-15	FEB
	# OBS	719	619	670	654	6	-	-	-	710	735	706	737	5556
1994	MEAN	1020.8	1015.8	1018.5	1018.0	1016.4	1018.2	1015.6	1017.0	1015.8	1016.1	1018.4	1017.5	1017.3
	MAXIMUM	1031.9	1030.5	1029.3	1025.2	1021.9	1024.1	1021.2	1021.2	1022.1	1025.7	1030.6	1033.3	1033.3
	DAY-HR	12-19	11-19	12-18	04-19	13-06	23-23	25-16	14-20	14-21	30-18	28-19	08-18	DEC
	MINIMUM	1001.4	988.0	1001.0	999.6	1005.8	1011.8	1009.7	1011.6	1009.9	1003.1	999.4	1006.7	988.0
	DAY-HR	24-02	17-13	24-00	25-15	15-13	11-01	09-01	23-03	21-01	04-04	09-06	11-19	FEB
	# OBS	733	641	732	717	737	712	727	740	711	732	703	408	8293
1995	MEAN	-	1018.3	1012.7	1017.1	1014.9	1018.1	-	-	1015.1	1017.2	1019.5	1016.1	1016.3
	MAXIMUM	-	1028.4	1027.4	1028.9	1021.1	1026.8	-	-	1023.0	1025.7	1029.9	1027.3	1029.9
	DAY-HR	-	19-07	25-17	09-19	10-07	06-07	-	-	05-19	12-18	27-07	31-20	NOV
	MINIMUM	-	1002.4	985.7	1002.6	1003.5	1011.0	-	-	1008.8	1006.5	1011.2	975.9	975.9
	DAY-HR	-	13-13	09-15	07-09	13-10	08-03	-	-	09-03	29-00	17-23	12-15	DEC
	# OBS	-	600	741	716	741	170	-	-	713	740	709	738	5868
1996	MEAN	1016.8	1012.8	1017.1	1017.9	1016.6	1016.8	1014.6	1015.4	1013.8	1016.7	1017.7	1013.0	1015.8
	MAXIMUM	1030.0	1023.3	1026.2	1028.1	1024.4	1025.1	1024.0	1021.1	1020.9	1027.4	1029.8	1033.8	1033.8
	DAY-HR	10-19	23-02	01-19	27-16	23-15	18-00	18-22	20-19	19-15	27-06	25-18	14-08	DEC
	MINIMUM	997.8	988.5	993.6	998.4	1000.8	1008.1	1008.1	1009.3	1003.4	1006.4	993.2	986.7	986.7
	DAY-HR	18-20	20-05	04-17	16-08	17-16	26-20	09-01	26-14	15-06	29-02	19-13	10-07	DEC
	# OBS	735	673	736	733	733	710	829	787	714	735	690	735	8810
1997	MEAN	1016.7	1022.2	1020.4	1019.2	1019.8	-	-	-	-	-	-	-	1019.6
	MAXIMUM	1034.4	1033.0	1029.8	1031.9	1024.5	-	-	-	-	-	-	-	1034.4
	DAY-HR	06-19	13-19	09-19	01-19	06-19	-	-	-	-	-	-	-	JAN
	MINIMUM	991.8	1005.0	1003.8	1009.2	1010.7	-	-	-	-	-	-	-	991.8
	DAY-HR	01-01	27-14	16-19	19-03	03-00	-	-	-	-	-	-	-	JAN
	# OBS	738	657	739	711	201	-	-	-	-	-	-	-	3046
1998	MEAN	-	-	-	-	-	1021.4	1016.6	1017.2	1011.8	1014.3	-	-	1014.7
	MAXIMUM	-	-	-	-	-	1021.4	1021.8	1021.1	1021.3	1015.0	-	-	1021.8
	DAY-HR	-	-	-	-	-	30-23	11-23	02-20	19-05	01-07	-	-	JUL
	MINIMUM	-	-	-	-	-	1021.4	1011.4	1010.1	1003.6	1013.5	-	-	1003.6
	DAY-HR	-	-	-	-	-	30-23	03-00	31-23	03-03	01-00	-	-	SEP
	# OBS	-	-	-	-	-	1	734	257	711	9	-	-	1712
1999	MEAN	1018.0	1017.5	1015.7	1019.0	1018.9	1017.0	1016.6	1015.8	1013.7	1018.0	1017.0	1025.1	1017.7
	MAXIMUM	1031.5	1032.0	1028.3	1029.2	1027.9	1023.9	1024.2	1023.5	1023.0	1028.3	1030.6	1033.1	1033.1
	DAY-HR	27-19	02-04	01-22	09-19	07-19	06-22	07-20	31-09	25-10	31-17	24-18	24-19	DEC
	MINIMUM	1001.4	997.5	1001.2	1004.9	1006.8	1011.5	1008.4	1007.0	1008.4	1001.9	997.2	1010.2	997.2
	DAY-HR	20-20	06-16	02-23	05-13	03-08	23-23	14-02	27-03	11-02	27-22	08-07	09-05	NOV
	# OBS	595	657	712	698	728	693	731	715	658	666	659	715	8227
2000	MEAN	1018.8	1013.0	1019.4	1018.6	1017.7	1015.1	1017.4	1016.2	1014.4	1015.1	1020.0	1020.8	1017.2
	MAXIMUM	1033.7	1025.2	1031.7	1026.8	1025.9	1024.1	1024.1	1022.1	1023.0	1026.3	1028.7	1035.0	1035.0
	DAY-HR	05-08	02-08	17-18	23-23	11-23	13-06	18-22	24-20	05-18	31-19	24-10	17-18	DEC
	MINIMUM	995.2	984.6	1001.4	1005.3	1008.1	1004.1	1010.9	1007.6	1000.8	1000.6	1002.3	1005.7	984.6
	DAY-HR	16-07	14-17	05-22	16-14	14-10	17-03	10-03	28-02	22-01	28-09	29-10	14-00	FEB
	# OBS	700	673	680	627	648	667	714	720	698	707	714	741	8289
2001	MEAN	1018.6	1015.5	1018.6	1018.5	1017.9	1017.7	1015.0	1016.9	1014.7	1017.7	1015.5	1016.5	1017.0
	MAXIMUM	1032.5	1029.9	1028.6	1028.1	1029.9	1023.2	1020.5	1022.1	1019.8	1026.1	1027.1	1032.3	1032.5
	DAY-HR	30-10	03-06	26-20	23-16	01-18	28-22	13-19	18-16	06-09	23-18	27-04	07-06	JAN
	MINIMUM	990.8	1001.1	994.7	1007.2	1008.8	1005.8	1006.8	1008.1	1008.7	1003.8	995.5	992.8	990.8
	DAY-HR	11-01	24-23	05-01	20-15	22-02	26-23	25-02	30-02	08-12	30-17	24-20	02-18	JAN
	# OBS	739	668	739	716	739	712	726	740	712	734	720	742	8687
POR	MEAN	1018.9	1017.2	1017.6	1018.8	1017.6	1017.1	1016.5	1016.3	1015.2	1017.2	1019.0	1018.7	1017.5
	MAXIMUM	1035.5	1034.4	1036.2	1032.1	1033.7	1027.0	1026.9	1025.0	1026.8	1028.6	1034.1	1038.1	1038.1
	YEAR	1988	1988	1988	1985	1988	1986	1989	1984	1988	1987	1987	1987	DEC/1987
	MINIMUM	989.9	984.6	985.6	998.4	1000.8	1002.9	1006.8	1004.7	1000.8	994.4	989.7	975.9	975.9
	YEAR	1992	2000	1991	1996	1996	1984	2001	1988	2000	1992	1983	1995	DEC/1995
	# OBS	9656	9837	10756	10738	10162	9332	10947	8411	10299	9336	9049	9377	117900

STATION: 46027 -- POR (9/1983 - 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
1983	MEAN	-	-	-	-	-	-	-	-	13.8	6.3	15.4	11.6	11.7
	MAXIMUM	-	-	-	-	-	-	-	-	36.9	25.3	42.8	35.0	42.8
	DAY-HR	-	-	-	-	-	-	-	-	05-00	15-03	17-06	07-19	NOV
	MINIMUM	-	-	-	-	-	-	-	-	0.0	0.0	0.0	0.0	0.0
	DAY-HR	-	-	-	-	-	-	-	-	30-06	31-15	30-12	20-20	DEC
	# OBS	-	-	-	-	-	-	-	-	709	740	682	615	2746
1984	MEAN	9.4	12.9	11.0	-	-	15.3	16.7	6.9	10.7	10.2	-	-	11.7
	MAXIMUM	27.2	35.0	35.0	-	-	38.9	38.9	29.2	31.1	31.1	-	-	38.9
	DAY-HR	29-00	28-10	16-20	-	-	18-00	07-01	20-01	22-03	02-00	-	-	JUL
	MINIMUM	0.0	0.0	0.0	-	-	0.0	0.0	0.0	0.0	0.0	-	-	0.0
	DAY-HR	31-21	29-02	19-20	-	-	29-02	31-17	31-18	30-23	05-19	-	-	OCT
	# OBS	726	680	467	-	-	597	739	741	717	165	-	-	4832
1985	MEAN	-	-	-	10.4	9.8	6.5	9.0	8.3	-	11.2	10.1	7.3	9.3
	MAXIMUM	-	-	-	35.0	38.9	19.4	36.9	25.3	-	40.8	36.9	40.8	40.8
	DAY-HR	-	-	-	04-23	14-22	28-22	16-04	05-02	-	22-09	30-00	02-16	DEC
	MINIMUM	-	-	-	0.0	0.0	0.0	0.0	0.0	-	0.0	0.0	0.0	0.0
	DAY-HR	-	-	-	29-17	30-23	30-16	31-08	07-17	-	31-21	29-10	31-18	DEC
	# OBS	-	-	-	623	744	154	740	161	-	349	717	742	4230
1986	MEAN	11.7	12.0	10.4	13.5	11.3	10.7	12.7	11.1	-	-	11.7	10.1	11.5
	MAXIMUM	38.9	40.8	33.0	36.9	35.0	36.9	40.8	35.0	-	-	42.8	31.1	42.8
	DAY-HR	15-08	15-02	13-06	24-01	09-04	09-00	22-02	04-23	-	-	24-23	05-12	NOV
	MINIMUM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	0.0	0.0	0.0
	DAY-HR	31-07	28-22	31-19	24-17	30-13	30-17	29-12	10-03	-	-	29-02	03-22	DEC
	# OBS	742	666	704	250	735	717	743	219	-	-	617	137	5530
1987	MEAN	17.6	13.7	14.5	9.5	14.4	10.4	9.0	13.4	7.4	6.0	10.2	16.9	11.7
	MAXIMUM	35.0	36.9	38.9	31.1	40.8	35.0	44.7	36.9	33.0	27.2	29.2	38.9	44.7
	DAY-HR	30-04	15-04	10-21	20-01	19-00	02-01	16-00	07-03	17-00	15-02	30-09	08-06	JUL
	MINIMUM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	DAY-HR	21-01	28-22	31-19	23-16	29-13	30-23	29-07	21-16	30-20	29-06	28-13	25-20	DEC
	# OBS	286	670	737	545	583	716	742	496	518	738	714	735	7480
1988	MEAN	12.1	9.0	11.0	8.9	10.3	10.3	9.9	9.6	11.1	6.5	13.6	8.4	10.1
	MAXIMUM	33.0	31.1	35.0	29.2	31.1	31.1	35.0	36.9	35.0	25.7	36.9	25.9	36.9
	DAY-HR	14-21	19-02	31-01	01-03	20-02	02-16	21-02	02-00	11-02	17-02	16-18	13-14	NOV
	MINIMUM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.8	0.6	0.0
	DAY-HR	30-20	28-18	29-15	30-21	31-02	28-15	31-17	30-07	24-16	26-11	26-21	12-18	SEP
	# OBS	740	693	738	711	738	717	714	710	648	739	717	303	8168
1989	MEAN	-	-	12.1	9.6	11.6	10.4	9.2	10.4	8.1	9.3	8.9	9.0	9.7
	MAXIMUM	-	-	27.4	28.6	30.7	34.6	33.4	31.1	32.7	30.9	23.5	26.4	34.6
	DAY-HR	-	-	25-07	12-00	31-03	23-01	09-01	16-00	06-00	23-09	06-02	29-00	JUN
	MINIMUM	-	-	1.0	0.2	0.2	0.2	0.2	0.4	0.2	0.2	0.2	0.0	0.0
	DAY-HR	-	-	29-18	20-21	05-17	19-19	12-22	27-14	21-20	06-02	02-05	13-23	DEC
	# OBS	-	-	235	709	727	709	733	729	705	717	700	717	6681
1990	MEAN	12.3	10.3	9.9	9.5	15.2	10.5	-	-	9.9	10.6	8.7	11.9	11.0
	MAXIMUM	36.2	33.6	32.9	32.7	33.6	30.9	-	-	29.5	29.5	24.7	31.1	36.2
	DAY-HR	07-05	01-00	30-02	30-02	06-23	14-00	-	-	19-23	08-01	25-10	19-08	JAN
	MINIMUM	0.2	0.0	0.0	0.2	0.4	0.6	-	-	0.4	0.2	0.2	0.2	0.0
	DAY-HR	19-02	26-22	23-00	17-07	28-12	21-14	-	-	26-17	24-19	03-10	22-23	MAR
	# OBS	718	645	734	700	724	697	-	-	283	737	717	734	6689
1991	MEAN	10.7	8.8	13.5	10.5	13.4	12.9	11.8	7.9	8.4	7.3	-	7.8	10.6
	MAXIMUM	30.3	36.5	38.9	29.9	34.6	37.3	36.0	31.3	34.4	27.6	-	25.1	38.9
	DAY-HR	24-02	02-06	03-11	11-02	22-02	04-00	04-23	26-01	21-01	03-01	-	28-01	MAR
	MINIMUM	0.2	0.4	0.8	0.2	0.2	0.2	0.2	0.2	0.2	0.2	-	0.2	0.2
	DAY-HR	04-00	19-04	26-05	13-19	05-10	20-08	24-06	22-19	28-01	07-18	-	15-19	DEC
	# OBS	736	666	728	714	741	720	741	738	717	295	-	449	7245
1992	MEAN	11.1	11.7	9.7	-	-	-	-	-	-	-	-	-	10.9
	MAXIMUM	32.9	34.8	31.7	-	-	-	-	-	-	-	-	-	34.8
	DAY-HR	28-02	20-01	08-01	-	-	-	-	-	-	-	-	-	FEB
	MINIMUM	0.6	0.4	0.4	-	-	-	-	-	-	-	-	-	0.4
	DAY-HR	22-03	24-08	22-18	-	-	-	-	-	-	-	-	-	MAR
	# OBS	734	624	623	-	-	-	-	-	-	-	-	-	1981
1993	MEAN	-	-	-	-	-	-	-	-	7.5	6.8	10.1	11.5	9.0
	MAXIMUM	-	-	-	-	-	-	-	-	30.9	25.5	28.4	31.5	31.5

	DAY-HR	-	-	-	-	-	-	-	-	21-00	31-22	01-02	11-02	DEC
	MINIMUM	-	-	-	-	-	-	-	-	0.0	0.0	0.0	0.2	0.0
	DAY-HR	-	-	-	-	-	-	-	-	19-10	21-18	26-00	19-22	NOV
	# OBS	-	-	-	-	-	-	-	-	711	736	709	737	2893
1994	MEAN	10.5	11.7	10.3	12.4	9.6	8.3	10.5	7.3	7.7	9.1	11.5	13.3	10.0
	MAXIMUM	32.7	30.5	35.2	32.5	33.0	28.0	34.0	25.5	28.0	29.4	34.4	29.5	35.2
	DAY-HR	24-03	16-14	06-01	25-06	26-01	10-04	15-01	17-02	13-02	03-01	09-06	11-19	MAR
	MINIMUM	0.2	0.2	0.6	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0
	DAY-HR	13-11	05-05	31-04	17-18	22-19	20-17	26-17	27-01	30-13	23-21	08-08	07-22	NOV
	# OBS	734	642	734	718	737	713	725	740	711	732	707	408	8301
1995	MEAN	-	8.5	12.9	9.8	11.7	8.9	-	-	6.6	10.5	9.4	11.7	10.2
	MAXIMUM	-	28.8	34.4	29.2	30.9	25.5	-	-	26.8	27.6	27.8	38.7	38.7
	DAY-HR	-	17-09	22-06	12-22	24-01	08-01	-	-	07-23	02-00	18-00	12-13	DEC
	MINIMUM	-	0.0	0.0	0.0	0.0	0.2	-	-	0.0	0.0	0.2	0.2	0.0
	DAY-HR	-	20-03	01-12	30-22	03-18	04-09	-	-	17-05	23-20	22-22	05-23	OCT
	# OBS	-	600	741	716	725	170	-	-	713	740	708	738	5851
1996	MEAN	11.2	12.7	11.2	11.7	13.5	11.2	9.4	8.1	8.9	7.6	8.7	13.9	10.6
	MAXIMUM	33.0	36.2	35.0	32.9	37.7	33.2	29.4	33.2	32.3	27.6	37.1	41.4	41.4
	DAY-HR	27-08	20-06	13-01	23-19	27-02	16-01	06-02	31-23	01-00	18-07	18-21	29-18	DEC
	MINIMUM	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	DAY-HR	02-15	10-22	21-17	10-14	31-06	19-14	24-16	30-14	28-12	20-20	17-15	17-19	DEC
	# OBS	732	673	736	731	733	709	829	786	712	735	690	733	8799
1997	MEAN	11.5	10.8	12.1	11.9	8.8	-	-	-	-	-	-	-	11.4
	MAXIMUM	37.3	29.5	33.4	35.2	22.2	-	-	-	-	-	-	-	37.3
	DAY-HR	01-04	28-00	02-01	04-01	07-03	-	-	-	-	-	-	-	JAN
	MINIMUM	0.0	0.4	0.2	0.0	0.2	-	-	-	-	-	-	-	0.0
	DAY-HR	10-05	22-14	30-03	13-01	06-14	-	-	-	-	-	-	-	APR
	# OBS	734	656	739	713	201	-	-	-	-	-	-	-	3043
1998	MEAN	-	-	-	-	5.6	6.6	7.7	9.7	2.9	-	-	-	8.0
	MAXIMUM	-	-	-	-	5.6	29.9	32.7	30.3	5.6	-	-	-	32.7
	DAY-HR	-	-	-	-	-	30-23	06-00	07-23	13-02	01-07	-	-	AUG
	MINIMUM	-	-	-	-	5.6	0.0	0.0	0.0	0.8	-	-	-	0.0
	DAY-HR	-	-	-	-	-	30-23	28-12	10-09	16-15	01-04	-	-	SEP
	# OBS	-	-	-	-	1	734	258	712	9	-	-	-	1714
1999	MEAN	13.7	15.9	12.4	14.2	13.6	11.0	8.7	6.9	10.3	8.9	12.2	10.0	11.4
	MAXIMUM	33.2	38.5	35.6	33.6	38.3	32.5	34.2	29.4	33.0	32.5	36.9	34.8	38.5
	DAY-HR	18-00	06-15	30-19	30-00	30-02	23-01	15-02	22-01	06-23	15-02	08-09	09-05	FEB
	MINIMUM	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.0
	DAY-HR	09-14	13-21	11-01	27-13	12-04	29-15	22-00	25-17	20-12	11-05	27-16	25-03	OCT
	# OBS	595	659	712	701	731	693	733	727	661	667	660	715	8254
2000	MEAN	12.3	12.4	13.8	8.9	10.4	13.3	7.5	7.5	10.9	9.8	9.3	8.5	10.3
	MAXIMUM	36.9	43.4	30.9	28.4	29.4	36.5	33.2	29.7	34.0	30.7	28.6	29.5	43.4
	DAY-HR	16-11	14-17	05-22	02-01	31-23	16-02	02-23	16-00	21-01	28-09	29-10	21-15	FEB
	MINIMUM	0.2	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.0
	DAY-HR	02-00	11-08	07-06	30-18	28-14	07-05	27-04	30-12	24-08	15-13	18-03	09-22	OCT
	# OBS	702	673	681	629	654	674	729	738	709	716	717	742	8364
2001	MEAN	11.0	12.4	12.1	10.7	13.8	11.8	11.9	7.1	7.4	10.7	11.8	13.6	11.2
	MAXIMUM	33.2	30.7	31.7	30.1	32.9	31.3	34.8	30.1	33.0	30.5	38.7	39.5	39.5
	DAY-HR	25-17	06-01	11-22	10-02	03-02	17-00	28-02	28-23	07-01	30-17	28-20	01-11	DEC
	MINIMUM	0.6	0.6	0.2	0.0	0.2	0.0	0.2	0.0	0.2	0.2	0.4	0.8	0.0
	DAY-HR	31-21	24-13	31-20	19-04	28-03	29-19	22-14	14-19	30-08	22-03	17-20	31-09	AUG
	# OBS	741	669	740	717	740	713	726	740	714	740	720	742	8702
POR	MEAN	11.6	11.6	11.8	10.7	12.1	11.1	10.2	8.4	9.2	8.6	10.8	11.2	10.6
	MAXIMUM	38.9	43.4	38.9	36.9	40.8	38.9	44.7	36.9	36.9	40.8	42.8	41.4	44.7
	YEAR	1986	2000	1991	1986	1987	1984	1987	1988	1983	1985	1986	1996	JUL/1987
	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	1999	2000	1999	2001	2000	2001	2000	2001	2000	2000	1996	1996	AUG/2001
	# OBS	8920	9216	10049	9177	9513	8700	9628	7783	9940	9555	9775	9247	111503

STATION: 46027 -- POR (9/1983 - 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
1983	MEAN	-	-	-	-	-	-	-	-	16.8	8.1	19.7	15.0	14.8
	MAXIMUM	-	-	-	-	-	-	-	-	42.8	31.1	56.4	44.7	56.4
	DAY-HR	-	-	-	-	-	-	-	-	29-00	15-02	17-06	07-19	NOV
	# OBS	-	-	-	-	-	-	-	-	709	740	682	615	2746

1984	MEAN	11.7	16.2	13.9	-	-	18.5	20.1	8.7	13.6	12.6	-	-	14.5
	MAXIMUM	33.0	44.7	42.8	-	-	48.6	46.7	35.0	38.9	36.9	-	-	48.6
	DAY-HR	28-02	13-10	16-20	-	-	16-02	07-01	20-01	22-01	02-00	-	-	JUN
	# OBS	724	674	462	-	-	597	734	741	680	164	-	-	4776
1985	MEAN	-	-	-	13.4	12.6	4.7	11.3	10.5	-	14.0	12.7	9.6	11.9
	MAXIMUM	-	-	-	44.7	46.7	15.6	46.7	33.0	-	46.7	46.7	50.5	50.5
	DAY-HR	-	-	-	26-02	15-02	30-23	16-03	03-00	-	22-09	30-00	02-16	DEC
	# OBS	-	-	-	623	690	32	739	161	-	348	717	742	4052
1986	MEAN	14.9	15.5	13.3	16.8	13.9	13.0	15.5	13.9	-	-	14.6	13.0	14.4
	MAXIMUM	50.5	52.5	40.8	48.6	44.7	44.7	50.5	40.8	-	-	54.4	44.7	54.4
	DAY-HR	15-08	15-02	13-06	24-01	09-03	09-00	22-01	05-00	-	-	24-23	05-12	NOV
	# OBS	742	664	701	249	735	717	741	219	-	-	616	137	5521
1987	MEAN	21.8	17.1	17.9	11.9	17.7	12.9	11.1	16.6	9.3	7.9	12.8	21.0	14.5
	MAXIMUM	42.8	46.7	48.6	36.9	52.5	42.8	52.5	46.7	40.8	35.0	36.9	52.5	52.5
	DAY-HR	30-02	01-11	10-21	20-04	17-00	10-01	16-00	07-02	16-02	15-01	20-12	08-06	DEC
	# OBS	286	668	737	544	583	716	742	493	517	738	711	727	7462
1988	MEAN	15.1	11.3	13.7	11.2	12.7	12.7	11.7	11.9	13.8	8.7	17.8	10.8	12.7
	MAXIMUM	40.8	38.9	40.8	36.9	38.9	36.9	40.8	46.7	40.8	31.7	49.4	32.5	49.4
	DAY-HR	14-21	19-02	31-01	28-23	20-02	02-16	18-02	01-23	17-02	17-01	16-19	13-14	NOV
	# OBS	740	693	736	709	737	714	693	667	612	739	713	303	8056
1989	MEAN	-	-	15.2	12.0	14.4	12.9	11.3	13.0	10.3	11.8	11.2	11.3	12.1
	MAXIMUM	-	-	36.5	33.8	36.5	43.9	42.2	37.9	41.4	38.3	29.2	32.9	43.9
	DAY-HR	-	-	28-08	11-10	31-01	22-23	09-01	17-01	06-00	23-09	06-01	29-00	JUN
	# OBS	-	-	235	708	726	708	731	727	704	716	700	715	6670
1990	MEAN	15.9	13.9	12.7	11.9	18.8	12.9	-	-	12.5	13.3	11.2	15.2	13.9
	MAXIMUM	44.3	41.4	40.8	39.7	44.1	37.7	-	-	38.1	37.1	30.5	41.2	44.3
	DAY-HR	07-06	12-03	30-02	30-02	07-02	20-02	-	-	19-23	08-01	25-10	19-08	JAN
	# OBS	718	645	732	700	723	697	-	-	283	736	717	733	6684
1991	MEAN	13.4	11.1	17.2	13.1	16.7	15.9	14.8	10.1	11.0	9.5	-	10.4	13.4
	MAXIMUM	37.7	47.4	53.1	36.4	44.7	47.0	44.1	38.7	43.2	33.4	-	32.9	53.1
	DAY-HR	23-01	02-06	03-11	11-02	22-01	04-00	04-23	26-01	21-01	03-00	-	18-08	MAR
	# OBS	736	666	725	714	741	720	740	738	717	295	-	449	7241
1992	MEAN	14.2	14.9	12.5	-	-	-	-	-	-	-	-	-	13.9
	MAXIMUM	40.8	43.0	38.5	-	-	-	-	-	-	-	-	-	43.0
	DAY-HR	28-02	20-01	08-01	-	-	-	-	-	-	-	-	-	FEB
	# OBS	733	623	623	-	-	-	-	-	-	-	-	-	1979
1993	MEAN	-	-	-	-	-	-	-	-	9.5	8.8	12.8	15.2	11.6
	MAXIMUM	-	-	-	-	-	-	-	-	38.7	30.5	35.0	42.0	42.0
	DAY-HR	-	-	-	-	-	-	-	-	13-01	31-23	01-00	11-02	DEC
	# OBS	-	-	-	-	-	-	-	-	707	735	707	735	2884
1994	MEAN	13.5	14.9	13.3	15.6	12.2	10.3	13.4	9.1	9.9	11.9	15.2	17.4	12.9
	MAXIMUM	40.4	40.0	46.9	39.5	41.0	35.4	43.0	31.5	34.8	37.9	43.9	39.1	46.9
	DAY-HR	24-02	13-17	06-01	25-06	27-01	10-03	15-01	17-02	20-22	03-01	09-06	11-19	MAR
	# OBS	729	636	730	715	734	712	716	739	709	731	701	404	8256
1995	MEAN	-	11.2	16.6	12.7	14.9	11.3	-	-	8.5	13.1	11.9	15.2	13.0
	MAXIMUM	-	36.0	45.1	36.2	41.8	30.7	-	-	32.9	33.6	34.2	49.4	49.4
	DAY-HR	-	17-09	09-22	12-19	23-22	08-03	-	-	07-23	02-00	18-01	12-13	DEC
	# OBS	-	600	738	716	723	170	-	-	713	740	708	738	5846
1996	MEAN	14.6	16.3	14.0	14.8	16.5	13.7	11.8	10.1	11.2	10.0	11.0	17.6	13.4
	MAXIMUM	42.8	44.7	42.6	42.8	47.2	41.0	37.5	40.2	40.0	37.7	47.2	50.0	50.0
	DAY-HR	27-10	20-06	13-01	23-22	27-01	15-01	06-02	31-23	01-00	25-18	18-21	29-18	DEC
	# OBS	732	673	736	729	733	709	829	786	712	735	689	733	8796
1997	MEAN	14.6	13.6	15.3	14.6	11.1	-	-	-	-	-	-	-	14.3
	MAXIMUM	46.1	35.6	41.6	43.5	27.4	-	-	-	-	-	-	-	46.1
	DAY-HR	01-04	27-16	02-02	04-02	03-01	-	-	-	-	-	-	-	JAN
	# OBS	734	656	739	711	201	-	-	-	-	-	-	-	3041
1998	MEAN	-	-	-	-	-	6.4	8.6	9.9	12.3	4.2	-	-	10.3
	MAXIMUM	-	-	-	-	-	6.4	36.4	39.5	36.0	7.4	-	-	39.5
	DAY-HR	-	-	-	-	-	30-23	06-00	08-00	13-01	01-07	-	-	AUG
	# OBS	-	-	-	-	-	1	733	257	711	9	-	-	1711
1999	MEAN	17.3	20.6	16.1	17.5	16.4	13.1	10.7	8.3	12.8	11.5	15.5	13.3	14.4
	MAXIMUM	43.0	51.5	44.3	44.5	46.7	38.1	43.7	36.5	40.4	39.5	46.3	44.7	51.5
	DAY-HR	17-23	06-12	30-21	03-14	30-01	27-23	15-01	22-01	26-00	15-23	08-09	09-05	FEB
	# OBS	593	655	706	691	709	664	717	692	653	666	659	712	8117
2000	MEAN	15.7	15.9	17.3	11.1	13.0	16.2	9.3	9.5	13.2	12.6	12.1	11.1	13.0
	MAXIMUM	47.0	55.6	37.5	35.0	37.7	45.5	40.2	36.7	42.2	39.1	35.2	36.5	55.6
	DAY-HR	16-11	14-17	08-02	02-00	31-23	15-23	03-02	16-00	21-01	30-00	29-10	21-15	FEB
	# OBS	700	673	680	625	647	666	711	720	689	708	715	742	8276

2001	MEAN	14.5	15.7	15.2	13.3	16.9	14.2	14.6	9.0	9.7	13.3	15.3	17.8	14.1
	MAXIMUM	48.4	37.9	39.9	37.1	41.6	38.9	42.2	36.7	40.4	41.2	48.6	52.5	52.5
	DAY-HR	08-02	06-01	11-23	10-02	10-03	17-01	24-23	20-00	07-01	30-17	28-20	01-12	DEC
	# OBS	741	668	740	714	728	706	725	738	712	736	720	742	8670
POR	MEAN	14.8	14.9	15.0	13.4	15.0	13.7	12.6	10.5	11.6	11.0	13.8	14.5	13.4
	MAXIMUM	50.5	55.6	53.1	48.6	52.5	48.6	52.5	46.7	43.2	46.7	56.4	52.5	56.4
	YEAR	1986	2000	1991	1986	1987	1984	1987	1988	1991	1985	1983	2001	NOV/1983
	# OBS	8908	9194	10020	9148	9410	8529	9551	7678	9828	9536	9755	9227	110784

STATION: 46027 -- POR (6/1998 - 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
1998	MEAN	-	-	-	-	-	8.4	10.2	11.8	13.9	5.5	-	-	11.9
	MAXIMUM	-	-	-	-	-	8.7	38.1	39.9	38.1	7.4	-	-	39.9
	DAY-HR	-	-	-	-	-	30-22	05-23	07-23	13-00	01-06	-	-	AUG
	MINIMUM	-	-	-	-	-	8.2	0.8	1.6	1.6	3.5	-	-	0.8
	DAY-HR	-	-	-	-	-	30-23	10-08	03-14	16-13	01-01	-	-	JUL
	# OBS	-	-	-	-	-	2	733	258	712	8	-	-	1713
1999	MEAN	19.3	23.0	18.1	19.2	17.9	14.3	11.9	9.6	14.5	12.9	17.6	15.2	16.1
	MAXIMUM	44.3	53.7	47.2	44.7	47.8	40.4	43.7	37.1	41.8	44.1	51.7	47.2	53.7
	DAY-HR	22-19	06-13	08-13	03-14	30-00	23-00	15-00	22-01	25-23	27-20	08-08	09-04	FEB
	MINIMUM	2.7	4.3	2.7	2.7	1.9	1.7	1.4	1.6	2.5	2.5	2.7	3.3	1.4
	DAY-HR	10-08	14-23	11-01	26-13	12-03	18-23	19-00	02-23	14-05	18-21	27-15	23-18	JUL
	# OBS	618	653	707	665	688	644	708	676	642	658	659	707	8025
2000	MEAN	18.0	18.0	19.1	12.4	14.5	17.8	10.6	10.7	14.4	14.1	13.7	12.7	14.7
	MAXIMUM	54.4	56.8	38.5	35.0	37.7	45.7	43.5	37.1	42.8	41.6	38.5	39.9	56.8
	DAY-HR	16-12	14-16	06-01	01-23	31-22	16-02	02-23	16-01	21-00	28-07	29-09	22-05	FEB
	MINIMUM	3.9	3.3	4.3	2.5	2.1	1.7	0.2	1.4	1.9	2.7	1.9	2.1	0.2
	DAY-HR	28-02	09-06	26-14	20-04	18-14	08-08	27-03	26-16	24-11	08-13	18-02	09-19	JUL
	# OBS	699	671	672	614	624	645	653	680	665	679	704	741	8047
2001	MEAN	16.6	17.6	16.7	14.9	18.4	15.7	16.4	10.4	11.1	14.9	17.4	19.9	15.8
	MAXIMUM	48.2	39.7	40.2	39.7	42.8	41.0	44.3	38.1	43.5	43.4	52.5	52.5	52.5
	DAY-HR	08-01	21-23	11-23	16-21	19-01	17-00	25-00	28-22	07-00	30-17	28-20	01-11	DEC
	MINIMUM	4.3	3.5	1.6	2.1	1.9	2.1	1.6	2.1	1.9	2.5	3.1	4.3	1.6
	DAY-HR	04-12	04-13	31-19	23-04	28-03	23-13	22-14	13-22	30-08	08-11	27-20	28-21	JUL
	# OBS	741	666	738	716	733	706	722	737	712	733	719	741	8664
POR	MEAN	17.9	19.5	17.9	15.6	17.0	15.9	12.3	10.4	13.4	14.0	16.2	15.9	15.3
	MAXIMUM	54.4	56.8	47.2	44.7	47.8	45.7	44.3	39.9	43.5	44.1	52.5	52.5	56.8
	YEAR	2000	2000	1999	1999	1999	2000	2001	1998	2001	1999	2001	2001	FEB/2000
	MINIMUM	2.7	3.3	1.6	2.1	1.9	1.7	0.2	1.4	1.6	2.5	1.9	2.1	0.2
	YEAR	1999	2000	2001	2001	2001	2000	2000	2000	1998	2001	2000	2000	JUL/2000
	# OBS	2058	1990	2117	1995	2045	1997	2816	2351	2731	2078	2082	2189	26449

STATION: 46027 -- POR (4/1985 - 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
1985	MEAN	-	-	-	2.0	1.6	1.2	1.6	1.7	-	2.6	2.2	2.4	2.0
	MAXIMUM	-	-	-	4.3	4.2	2.1	3.9	3.1	-	5.0	5.1	8.1	8.1
	DAY-HR	-	-	-	19-21	14-22	05-07	16-03	03-15	-	22-07	10-13	02-21	DEC
	# OBS	-	-	-	623	739	154	740	161	-	348	715	741	4221
1986	MEAN	3.0	3.1	2.7	2.5	1.9	1.7	1.9	2.1	-	-	2.5	2.6	2.4
	MAXIMUM	6.2	6.3	7.2	5.8	4.7	4.2	4.3	3.8	-	-	5.9	4.2	7.2
	DAY-HR	15-09	03-11	11-11	13-00	01-20	09-01	22-04	04-01	-	-	19-09	01-08	MAR
	# OBS	740	665	731	686	735	717	739	219	-	-	616	137	5985
1987	MEAN	3.1	3.1	2.8	2.7	2.0	2.0	1.6	2.3	1.8	1.8	2.8	3.7	2.5
	MAXIMUM	6.1	5.6	6.3	4.9	4.7	4.3	4.6	3.5	4.7	3.0	6.6	9.4	9.4
	DAY-HR	31-18	16-06	04-18	12-08	31-13	02-04	15-21	17-03	16-03	23-07	30-20	02-06	DEC
	# OBS	286	666	737	544	581	709	739	484	516	733	694	718	7407
1988	MEAN	2.9	2.4	2.6	2.3	2.0	1.7	1.5	1.8	1.8	-	-	-	2.1

	MAXIMUM	6.7	4.5	6.6	5.8	3.9	4.9	3.5	4.7	3.6	-	-	-	6.7
	DAY-HR	16-06	13-14	23-21	16-21	30-01	03-14	23-03	21-03	10-05	-	-	-	JAN
	# OBS	739	690	734	707	730	695	663	609	535	-	-	-	6102
1989	MEAN	-	-	2.6	1.8	1.8	1.9	1.4	1.8	1.6	1.9	2.0	2.2	1.9
	MAXIMUM	-	-	5.1	4.4	3.2	4.4	3.5	3.7	4.0	4.7	4.6	4.8	5.1
	DAY-HR	-	-	28-11	21-20	23-22	23-04	22-03	16-23	06-03	23-11	27-01	03-11	MAR
	# OBS	-	-	234	703	713	671	722	726	702	713	700	710	6594
1990	MEAN	3.1	2.9	2.3	1.8	2.2	1.8	1.9	1.6	1.6	2.3	2.3	2.5	2.2
	MAXIMUM	8.9	6.5	4.7	3.1	4.0	3.6	4.0	3.6	4.3	4.8	5.2	7.0	8.9
	DAY-HR	30-19	06-09	12-03	30-03	31-20	01-05	16-08	01-04	20-00	31-03	20-13	19-16	JAN
	# OBS	717	640	726	696	719	695	726	729	702	734	712	733	8529
1991	MEAN	2.2	2.4	2.7	2.0	2.1	1.9	2.0	1.6	2.1	1.7	-	2.7	2.1
	MAXIMUM	5.4	5.3	5.7	4.4	4.1	4.3	4.9	3.7	4.7	3.3	-	4.9	5.7
	DAY-HR	14-07	12-07	03-12	05-10	23-02	04-23	05-23	08-02	21-03	03-01	-	30-04	MAR
	# OBS	736	666	717	709	739	718	734	736	715	294	-	449	7213
1992	MEAN	2.9	2.6	2.2	2.0	1.8	1.8	1.8	1.6	1.9	2.3	2.2	3.1	2.2
	MAXIMUM	5.5	4.9	3.3	3.9	3.6	4.2	3.4	3.0	3.7	5.2	4.5	6.7	6.7
	DAY-HR	05-13	20-18	31-22	18-13	27-01	05-22	11-03	15-05	30-19	31-19	23-06	09-17	DEC
	# OBS	731	622	632	604	635	642	699	672	660	674	680	715	7966
1993	MEAN	2.3	2.3	2.5	2.7	2.4	-	-	-	1.4	1.6	2.3	3.2	2.3
	MAXIMUM	6.4	4.2	6.0	5.6	2.8	-	-	-	3.4	3.9	6.0	7.9	7.9
	DAY-HR	20-12	12-00	23-16	01-17	01-02	-	-	-	20-04	24-04	12-11	10-16	DEC
	# OBS	717	608	666	652	7	-	-	-	694	730	699	729	5502
1994	MEAN	2.6	2.5	2.6	2.4	2.0	1.6	2.0	1.2	1.8	2.3	3.2	3.2	2.2
	MAXIMUM	5.5	4.8	5.7	6.3	4.0	4.8	3.7	2.5	3.8	4.9	7.2	6.5	7.2
	DAY-HR	09-09	14-21	22-12	25-23	26-03	14-04	16-01	25-05	21-02	28-11	10-03	17-00	NOV
	# OBS	721	611	728	710	726	707	704	738	699	727	684	394	8149
1995	MEAN	-	2.1	2.7	2.2	2.0	2.0	-	-	1.8	2.3	2.3	3.3	2.3
	MAXIMUM	-	4.2	6.6	4.9	3.8	3.3	-	-	4.6	4.5	4.3	10.0	10.0
	DAY-HR	-	11-12	20-22	08-20	14-03	06-22	-	-	25-07	22-18	12-13	12-22	DEC
	# OBS	-	600	735	715	740	170	-	-	713	740	709	736	5858
1996	MEAN	2.8	3.0	2.2	2.7	1.8	1.8	1.9	1.5	1.7	2.2	2.2	3.0	2.2
	MAXIMUM	5.5	6.3	4.6	6.3	4.7	4.2	3.6	3.4	3.3	5.9	6.8	6.5	6.8
	DAY-HR	19-17	24-20	05-18	17-05	19-08	15-02	10-01	19-01	20-06	25-23	19-17	02-07	NOV
	# OBS	732	672	733	727	732	707	829	784	712	735	689	732	8784
1997	MEAN	2.6	2.7	2.7	2.0	2.0	-	-	-	-	-	-	-	2.5
	MAXIMUM	7.2	4.6	5.5	3.7	2.8	-	-	-	-	-	-	-	7.2
	DAY-HR	01-19	18-13	02-17	05-01	05-01	-	-	-	-	-	-	-	JAN
	# OBS	736	657	739	708	200	-	-	-	-	-	-	-	3040
1998	MEAN	-	-	-	-	-	1.0	1.5	1.8	2.1	1.6	-	-	1.8
	MAXIMUM	-	-	-	-	-	1.0	3.3	3.4	4.2	1.8	-	-	4.2
	DAY-HR	-	-	-	-	-	30-23	06-02	08-01	13-03	01-05	-	-	SEP
	# OBS	-	-	-	-	-	1	730	257	705	9	-	-	1702
1999	MEAN	3.3	4.2	3.7	2.4	2.1	1.9	1.6	1.2	2.1	2.2	2.9	2.9	2.5
	MAXIMUM	7.0	9.0	8.2	6.7	4.4	3.6	4.0	2.7	4.2	10.0	6.7	5.8	10.0
	DAY-HR	26-22	16-19	30-01	06-00	30-04	14-04	14-04	22-03	26-02	28-12	19-18	10-07	OCT
	# OBS	583	648	699	630	648	605	688	637	625	657	656	704	7780
2000	MEAN	2.7	3.1	3.2	1.9	1.9	2.1	1.4	1.7	1.8	2.5	2.5	2.6	2.3
	MAXIMUM	7.0	7.4	6.4	5.5	3.9	4.8	3.5	4.0	3.9	8.5	6.2	8.5	8.5
	DAY-HR	31-10	14-18	03-09	26-01	03-22	16-02	03-03	28-01	21-03	29-03	30-20	22-10	DEC
	# OBS	695	669	668	610	605	636	649	662	636	676	715	739	7960
2001	MEAN	3.3	2.7	2.7	2.1	2.1	1.7	1.9	1.6	2.0	2.4	3.2	3.6	2.4
	MAXIMUM	5.8	6.3	5.3	4.4	5.4	3.7	4.3	4.0	4.6	6.5	8.8	7.4	8.8
	DAY-HR	26-05	10-02	03-04	17-02	02-02	27-09	25-22	23-06	02-19	24-00	21-16	14-22	NOV
	# OBS	740	666	738	714	739	712	723	740	716	732	720	741	8681
POR	MEAN	2.8	2.8	2.7	2.2	2.0	1.8	1.7	1.6	1.8	2.2	2.5	3.0	2.3
	MAXIMUM	8.9	9.0	8.2	6.7	5.4	4.9	4.9	4.7	4.7	10.0	8.8	10.0	10.0
	YEAR	1990	1999	1999	1999	2001	1988	1991	1988	1991	1999	2001	1995	OCT/1999
	# OBS	8873	9080	10217	10738	9988	8539	10085	8154	9330	8502	8989	8978	111473

STATION: 46027

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	1.6	*	*	*	-	-	*	*	*	-	*	*	*	1.8	157	
1 - 3		1.0	1.3	1.4	1.0	1.0	0.6	0.6	0.4	0.3	0.2	0.5	0.7	9.0	799	

4 - 6	2.1	2.1	2.0	2.9	2.5	2.0	0.9	0.6	0.3	0.3	0.6	1.3	17.7	1578
7 - 10	2.3	1.6	1.2	3.4	3.5	4.4	2.4	0.8	0.4	0.5	0.5	1.8	22.6	2013
11 - 15	2.6	1.0	0.3	0.9	1.8	5.7	3.0	0.8	0.5	0.4	0.5	2.2	19.7	1759
16 - 20	2.2	0.3	0.2	*	0.6	5.3	3.5	0.8	0.6	0.3	0.3	1.9	16.0	1425
21 - 24	0.9	0.1	*	-	0.2	2.8	2.6	0.4	0.2	*	0.1	0.6	7.8	698
25 - 33	0.1	-	-	-	0.1	1.9	2.3	0.4	0.1	*	*	0.3	5.3	473
34 - 47	-	-	-	-	-	0.1	0.1	*	-	-	-	-	0.1	12
> 48	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	1.6	11.3	6.4	5.0	8.2	9.8	22.7	15.4	4.2	2.5	1.8	2.5	8.7	100.0
TOTAL N	142	1004	567	445	727	873	2025	1376	370	219	161	227	778	8914

(* < 0.05%)

STATION: 46027

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

Month: FEB

		WIND DIRECTION												TOT %	TOT N
WIND SPEED	CALM	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
0	1.9	*	*	*	0.1	*	*	*	-	*	*	*	*	2.1	197
1 - 3		0.9	1.0	1.0	1.1	0.8	0.9	0.9	0.7	0.4	0.5	0.5	0.8	9.6	887
4 - 6		1.5	1.9	2.0	2.4	3.0	2.8	1.5	0.9	0.5	0.6	0.8	1.6	19.5	1800
7 - 10		2.5	1.4	0.9	2.0	2.8	3.9	2.4	1.0	0.4	0.6	0.9	2.5	21.4	1973
11 - 15		1.7	0.6	0.2	0.3	1.1	5.1	2.9	0.9	0.6	0.4	0.5	2.7	17.0	1562
16 - 20		2.0	0.2	*	*	0.8	5.1	3.3	1.0	0.4	0.3	0.2	2.0	15.4	1414
21 - 24		0.9	-	-	*	0.2	3.2	1.9	0.4	0.1	*	0.1	1.1	8.0	734
25 - 33		0.5	-	-	-	0.2	2.8	1.6	0.4	0.1	*	*	1.0	6.6	605
34 - 47		-	-	-	-	-	0.2	0.2	*	-	-	-	*	0.4	38
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	1.9	10.1	5.2	4.1	6.0	8.9	23.9	14.8	5.3	2.6	2.6	3.0	11.7	100.0	
TOTAL N	171	926	475	377	549	822	2202	1362	488	243	235	279	1081		9210

(* < 0.05%)

STATION: 46027

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

Month: MAR

		WIND DIRECTION												TOT %	TOT N
WIND SPEED	CALM	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
0	2.2	*	*	*	*	*	*	*	*	*	*	*	*	2.4	245
1 - 3		1.0	0.8	0.8	0.9	0.8	0.7	0.7	0.4	0.6	0.5	0.6	1.0	9.0	904
4 - 6		1.6	1.4	1.4	1.9	2.1	2.5	1.8	1.0	0.8	0.8	1.0	2.0	18.3	1838
7 - 10		2.0	1.3	0.9	1.5	2.1	3.8	2.9	0.9	0.9	0.7	1.2	3.1	21.3	2138
11 - 15		2.4	0.6	0.1	0.2	0.7	3.7	2.5	0.8	0.8	0.8	1.0	4.0	17.5	1755
16 - 20		3.0	0.1	*	-	0.2	3.5	3.2	0.9	0.5	0.3	0.6	4.5	16.7	1679
21 - 24		1.2	*	-	-	0.1	1.6	1.7	0.4	0.1	*	0.2	2.9	8.2	825
25 - 33		0.8	*	*	-	0.1	1.0	1.7	0.2	*	*	0.1	2.4	6.4	645
34 - 47		*	-	-	-	-	*	0.1	-	-	-	-	*	0.1	12
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	2.2	12.0	4.2	3.2	4.6	6.0	16.8	14.5	4.9	3.6	3.2	4.7	20.0	100.0	
TOTAL N	219	1207	425	318	463	605	1691	1460	488	366	319	476	2004		10041

(* < 0.05%)

STATION: 46027

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

Month: APR

		WIND DIRECTION												TOT %	TOT N
WIND SPEED	CALM	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
0	1.5	0.1	0.1	*	*	*	*	0.1	*	*	*	*	*	1.9	178
1 - 3		1.1	1.6	1.0	1.0	0.9	1.0	0.9	0.8	0.7	0.7	1.0	1.1	11.8	1083
4 - 6		2.2	2.0	0.9	1.5	1.8	2.6	2.3	1.3	0.9	1.0	1.7	3.0	21.4	1961
7 - 10		2.1	1.8	0.4	0.6	1.6	4.4	2.8	1.1	0.8	0.6	1.7	4.7	22.8	2083
11 - 15		2.5	1.5	0.1	0.1	0.5	3.3	2.1	0.5	0.2	0.1	0.7	4.5	16.2	1482
16 - 20		2.4	1.4	-	*	0.4	1.9	1.5	0.2	0.1	0.1	0.3	6.3	14.6	1338
21 - 24		0.6	0.3	-	-	0.2	0.7	0.5	*	*	-	0.2	3.6	6.1	557
25 - 33		0.7	0.3	-	-	0.1	0.4	0.3	-	-	-	0.2	2.9	4.9	452
34 - 47		0.1	*	-	-	-	-	-	-	-	-	-	*	0.1	10
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	1.5	11.9	9.0	2.4	3.3	5.4	14.4	10.6	4.0	2.8	2.6	5.9	26.2	100.0	
TOTAL N	140	1086	823	218	302	491	1321	969	368	256	237	540	2393		9144

(* < 0.05%)

STATION: 46027

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

Month: MAY

WIND SPEED	CALM	WIND DIRECTION												TOT %	TOT N
		35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
0	2.1	*	*	*	*	0.1	*	0.1	*	*	0.1	0.1	0.1	2.7	254
1 - 3		1.1	1.0	0.8	0.9	1.1	1.3	1.1	1.0	0.9	1.1	1.1	1.2	12.6	1193
4 - 6		1.9	1.0	0.7	0.9	1.6	2.5	2.1	1.2	0.9	1.0	2.2	2.5	18.5	1753
7 - 10		2.0	0.5	0.2	0.4	1.0	3.4	2.5	1.0	0.5	0.5	1.9	4.0	17.7	1684
11 - 15		2.3	0.3	*	*	0.2	2.5	1.7	0.5	0.2	0.2	1.2	5.3	14.4	1370
16 - 20		3.4	0.3	*	-	*	1.2	1.7	0.3	0.1	0.1	0.7	7.5	15.2	1446
21 - 24		1.8	0.2	*	*	*	0.2	0.4	0.1	*	-	0.6	5.4	8.9	847
25 - 33		1.1	0.3	0.1	*	-	*	0.1	-	-	-	0.6	6.9	9.2	875
34 - 47		*	-	*	-	-	-	-	-	-	-	0.1	0.6	0.7	65
> 48		-	-	-	-	-	-	*	-	-	-	-	-	0.0	1
TOTAL %	2.1	13.7	3.5	1.9	2.3	4.0	11.1	9.6	4.2	2.6	3.0	8.5	33.6	100.0	
TOTAL N	198	1304	331	185	219	375	1054	908	394	243	286	804	3187		9488

(* < 0.05%)

STATION: 46027

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

Month: JUN

WIND SPEED	CALM	WIND DIRECTION												TOT %	TOT N
		35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
0	2.6	*	0.1	*	0.1	0.1	*	0.1	0.1	*	0.1	*	*	3.3	285
1 - 3		2.1	1.2	1.0	1.0	0.9	1.5	1.3	1.1	1.1	1.7	1.8	2.0	16.4	1426
4 - 6		2.3	0.8	0.4	0.7	1.3	2.6	2.2	1.1	0.7	1.7	2.7	3.5	20.1	1746
7 - 10		2.5	0.2	0.1	0.2	0.9	3.0	1.9	0.3	0.2	0.5	2.5	5.3	17.7	1531
11 - 15		2.2	*	-	*	0.1	1.6	0.9	0.1	*	0.2	1.9	6.5	13.6	1178
16 - 20		2.5	*	-	-	0.1	0.7	0.4	0.1	*	0.1	1.2	6.6	11.6	1009
21 - 24		1.6	*	*	*	0.1	*	0.1	*	-	*	0.6	4.8	7.4	643
25 - 33		1.0	*	0.1	-	-	*	0.1	-	-	0.1	1.7	6.2	9.1	792
34 - 47		*	-	-	-	-	-	-	-	-	-	0.4	0.3	0.7	63
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	2.6	14.3	2.4	1.7	1.9	3.5	9.6	6.9	2.8	2.1	4.4	12.7	35.2	100.0	
TOTAL N	223	1239	210	148	165	302	831	601	240	179	384	1102	3049		8673

(* < 0.05%)

STATION: 46027

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

Month: JUL

WIND SPEED	CALM	WIND DIRECTION												TOT %	TOT N
		35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
0	4.4	0.1	0.1	*	0.1	0.1	0.1	0.3	0.1	0.1	0.1	0.1	0.1	5.6	537
1 - 3		1.7	1.0	1.0	1.0	1.5	2.4	2.2	1.8	1.4	1.8	2.2	2.6	20.6	1976
4 - 6		2.7	0.6	0.3	0.5	1.7	3.8	2.7	1.2	0.9	1.8	3.7	3.9	23.9	2298
7 - 10		2.1	0.1	-	0.1	0.5	2.3	1.0	0.3	0.1	0.4	2.3	4.8	13.8	1325
11 - 15		2.2	*	-	-	0.1	0.3	0.3	-	-	0.1	1.5	4.5	9.0	867
16 - 20		3.0	*	-	-	-	*	*	-	-	0.1	1.2	5.6	9.9	953
21 - 24		2.1	*	-	-	-	-	-	-	-	-	0.9	4.3	7.3	706
25 - 33		2.1	-	-	-	-	-	-	-	-	-	2.1	4.6	8.8	846
34 - 47		0.2	-	-	-	-	-	-	-	-	-	0.4	0.5	1.1	107
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	4.4	16.1	1.8	1.4	1.7	4.0	8.9	6.5	3.4	2.4	4.3	14.4	30.8	100.0	
TOTAL N	419	1546	175	133	164	385	856	626	326	233	409	1380	2963		9615

(* < 0.05%)

STATION: 46027

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

Month: AUG

WIND SPEED	CALM	WIND DIRECTION												TOT %	TOT N
		35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
0	4.8	0.1	0.1	0.1	0.1	0.1	0.1	0.3	*	0.1	0.1	0.1	0.1	6.1	473
1 - 3		2.6	1.6	1.3	1.2	1.9	1.9	2.4	2.1	1.8	2.5	2.8	3.5	25.6	1985
4 - 6		3.0	0.9	0.6	0.8	2.2	3.2	2.8	1.4	1.0	1.5	3.2	4.8	25.4	1965
7 - 10		2.4	0.2	*	0.1	1.0	2.4	1.0	0.2	*	0.6	2.1	4.3	14.3	1111
11 - 15		1.6	0.1	-	-	0.2	1.2	0.5	-	-	0.4	1.5	3.8	9.4	726
16 - 20		2.8	*	-	-	*	0.1	0.1	-	-	0.3	1.0	4.5	8.9	687
21 - 24		1.7	*	-	-	-	-	-	-	-	-	0.3	3.0	5.0	390
25 - 33		1.0	-	-	-	-	-	-	-	-	*	0.7	3.2	4.9	381
34 - 47		0.1	-	-	-	-	-	-	-	-	-	-	0.3	0.4	29
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	4.8	15.5	2.9	2.0	2.2	5.5	9.0	7.1	3.7	3.0	5.4	11.7	27.4	100.0	
TOTAL N	371	1198	226	156	167	426	694	547	289	229	415	910	2119		7747

(* < 0.05%)

STATION: 46027

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

Month: SEP

WIND SPEED	CALM	WIND DIRECTION												TOT %	TOT N
		35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
0	2.5	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1	3.7	371
1 - 3		2.7	2.0	1.6	1.9	2.4	3.1	2.0	1.6	1.3	1.4	1.9	2.7	24.5	2437
4 - 6		2.8	1.1	0.9	1.4	2.8	3.9	2.4	1.0	0.5	1.1	2.0	4.0	23.8	2369
7 - 10		1.8	0.2	0.2	0.2	1.7	4.2	1.5	0.2	0.1	0.2	1.4	4.1	15.7	1561
11 - 15		2.2	0.1	*	-	0.5	1.9	0.5	*	-	0.1	1.0	3.8	10.1	1003
16 - 20		2.7	*	-	-	0.1	0.2	0.1	-	-	0.1	1.1	4.8	9.1	904
21 - 24		1.6	*	-	-	*	*	*	-	-	-	0.7	3.8	6.1	609
25 - 33		2.1	-	-	-	-	-	-	-	-	-	0.8	3.8	6.7	668
34 - 47		0.1	-	-	-	-	-	-	-	-	-	-	*	0.1	12
> 48		*	-	-	-	-	-	-	-	*	-	*	-	0.0	4
TOTAL %	2.5	16.1	3.4	2.8	3.5	7.5	13.4	6.7	2.9	2.0	2.9	9.1	27.1	100.0	
TOTAL N	250	1596	339	281	351	742	1336	669	285	196	291	908	2694		9938

(* < 0.05%)

STATION: 46027

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

Month: OCT

WIND SPEED	CALM	WIND DIRECTION												TOT %	TOT N
		35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
0	2.8	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1	*	0.1	0.1	3.8	365
1 - 3		2.3	2.0	1.8	2.1	2.1	2.2	1.6	1.1	0.9	1.1	1.5	2.2	20.9	2001
4 - 6		3.3	1.8	1.2	1.9	3.5	4.2	2.6	0.8	0.4	0.7	1.9	3.7	26.0	2485
7 - 10		2.7	0.6	0.2	0.6	2.4	4.2	1.7	0.3	0.1	0.2	1.1	4.1	18.3	1744
11 - 15		2.6	0.2	*	0.1	0.8	2.4	1.2	0.3	*	0.1	0.7	4.2	12.7	1210
16 - 20		2.3	0.1	-	*	0.2	1.0	0.8	0.2	*	*	0.7	5.5	10.8	1036
21 - 24		0.9	-	-	-	*	0.4	0.5	*	-	-	0.4	2.9	5.1	486
25 - 33		0.3	-	-	-	-	0.3	0.3	*	-	-	0.2	1.3	2.4	225
34 - 47		-	-	-	-	-	*	-	-	-	-	-	-	0.0	3
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	2.8	14.6	4.7	3.3	4.9	9.1	14.8	8.9	2.8	1.5	2.2	6.5	23.9	100.0	
TOTAL N	265	1396	448	320	467	869	1411	847	269	147	208	621	2287		9555

(* < 0.05%)

STATION: 46027

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

Month: NOV

WIND SPEED	CALM	WIND DIRECTION												TOT %	TOT N
		35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
0	1.2	*	0.1	*	*	0.1	*	*	*	0.1	*	*	0.1	1.6	158
1 - 3		1.2	1.2	1.4	1.3	1.1	1.1	0.8	0.5	0.3	0.6	0.7	0.9	11.0	1075
4 - 6		2.1	1.7	2.2	2.8	3.6	3.0	1.5	0.6	0.3	0.5	0.9	1.9	21.2	2069
7 - 10		2.3	1.4	0.7	2.1	4.0	4.7	2.3	0.6	0.3	0.6	1.0	3.0	22.8	2230
11 - 15		3.0	0.5	0.1	0.3	1.1	6.0	2.4	0.5	0.4	0.4	0.8	2.5	17.8	1742
16 - 20		3.0	0.1	-	*	0.3	4.6	2.8	0.7	0.3	0.3	0.5	2.7	15.3	1491
21 - 24		0.8	-	-	-	*	1.8	1.7	0.3	0.1	0.1	0.2	1.0	5.9	580
25 - 33		0.2	-	-	-	*	1.5	1.3	0.2	0.1	*	0.1	0.5	3.9	381
34 - 47		*	-	-	-	-	0.4	0.1	*	-	-	-	*	0.5	49
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	1.2	12.6	4.9	4.4	6.5	10.2	23.1	12.8	3.4	1.8	2.4	4.1	12.6	100.0	
TOTAL N	121	1234	480	426	635	993	2254	1255	331	173	235	404	1234		9775

(* < 0.05%)

STATION: 46027

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

Month: DEC

WIND SPEED	CALM	WIND DIRECTION												TOT %	TOT N
		35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
0	2.2	*	0.1	*	-	*	*	*	-	*	*	*	*	2.4	225
1 - 3		1.4	1.5	1.6	1.3	1.1	0.9	0.6	0.4	0.3	0.3	0.5	0.8	10.7	994
4 - 6		2.4	2.3	2.4	3.4	3.4	1.9	1.1	0.6	0.5	0.4	0.6	1.9	20.9	1929
7 - 10		2.0	1.2	1.1	3.6	4.0	2.9	1.5	0.7	0.4	0.4	0.7	1.7	20.2	1865
11 - 15		2.8	1.1	0.4	0.7	1.6	4.6	2.2	1.1	0.3	0.2	0.4	1.8	17.3	1599
16 - 20		3.5	0.4	0.1	-	0.9	5.7	2.4	0.8	0.2	0.2	0.2	1.2	15.5	1432
21 - 24		1.3	*	-	-	0.3	2.8	1.1	0.5	0.1	*	*	0.7	6.8	626
25 - 33		0.3	-	-	-	0.2	2.8	1.9	0.2	*	-	*	0.2	5.7	531
34 - 47		-	-	-	-	*	0.3	0.1	*	-	-	-	-	0.5	46
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	2.2	13.7	6.5	5.5	9.0	11.8	21.9	10.9	4.3	2.0	1.5	2.5	8.3	100.0	

TOTAL %	3.9	15.3	2.3	1.7	1.9	4.3	9.1	6.8	3.3	2.5	4.6	13.0	31.2	100.0	
TOTAL N	1013	3983	611	437	496	1113	2381	1774	855	641	1208	3392	8131		26035

(* < 0.05%)

STATION: 46027

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

Months: SEP, OCT, NOV (Autumn)

WIND SPEED	WIND DIRECTION														TOT %	TOT N
	CALM	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34			
0	2.2	0.1	0.1	0.1	0.1	0.1	*	0.1	0.1	0.1	0.1	0.1	0.1	0.1	3.1	894
1 - 3		2.1	1.8	1.6	1.8	1.8	2.1	1.5	1.1	0.8	1.0	1.4	1.9	18.8	5513	
4 - 6		2.8	1.5	1.4	2.0	3.3	3.7	2.2	0.8	0.4	0.8	1.6	3.2	23.7	6923	
7 - 10		2.2	0.7	0.4	1.0	2.7	4.4	1.8	0.4	0.2	0.3	1.2	3.7	18.9	5535	
11 - 15		2.6	0.3	*	0.1	0.8	3.4	1.3	0.3	0.1	0.2	0.8	3.5	13.5	3955	
16 - 20		2.7	*	-	*	0.2	1.9	1.2	0.3	0.1	0.1	0.8	4.3	11.7	3431	
21 - 24		1.1	*	-	-	*	0.7	0.7	0.1	*	*	0.4	2.5	5.7	1675	
25 - 33		0.9	-	-	-	*	0.6	0.5	0.1	*	*	0.3	1.9	4.4	1274	
34 - 47		*	-	-	-	-	0.1	*	*	-	-	-	*	0.2	64	
> 48		*	-	-	-	-	-	-	-	*	-	*	-	0.0	4	
TOTAL %	2.2	14.4	4.3	3.5	5.0	8.9	17.1	9.5	3.0	1.8	2.5	6.6	21.2	100.0		
TOTAL N	636	4226	1267	1027	1453	2604	5001	2771	885	516	734	1933	6215		29268	

(* < 0.05%)

STATION: 46027

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

Month: JAN

WIND SPEED	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4		
0	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	-	1.0	86
1 - 3	-	0.1	0.6	0.2	0.1	*	-	-	-	-	-	-	-	-	-	8.1	716
4 - 6	-	0.9	3.6	2.6	0.7	0.2	*	-	-	-	-	-	-	-	-	16.1	1430
7 - 10	-	1.4	7.8	4.7	1.7	0.4	0.1	*	-	-	-	-	-	-	-	21.1	1870
11 - 15	-	1.6	8.9	6.6	3.0	0.9	0.1	*	*	-	-	-	-	-	-	18.4	1630
16 - 20	-	1.0	6.5	6.1	3.8	0.8	0.2	-	-	*	-	-	-	-	-	14.6	1296
21 - 24	-	0.2	3.4	5.5	3.9	1.1	0.3	0.2	*	-	-	-	-	-	-	7.4	655
25 - 33	-	*	0.9	2.9	2.6	0.7	0.3	*	*	-	-	-	-	-	-	5.1	453
34 - 47	-	-	0.1	1.5	2.3	0.9	0.4	*	-	-	-	-	-	-	-	0.1	12
> 48	-	-	-	*	0.1	*	*	-	-	-	-	-	-	-	-	8.2	725
TOTAL %	0.0	5.8	36.9	31.6	18.7	5.3	1.5	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	0	512	3272	2802	1655	466	133	26	5	2	0	0	0	0	0		8873

(* < 0.05%)

STATION: 46027

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

Month: FEB

WIND SPEED	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4		
0	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	-	1.9	169
1 - 3	-	0.1	0.8	0.7	0.2	-	-	-	-	-	-	-	-	-	-	9.4	853
4 - 6	-	1.1	4.9	2.6	0.6	0.2	*	-	-	-	-	-	-	-	-	18.5	1679
7 - 10	-	1.9	8.7	5.7	1.3	0.8	0.2	-	-	-	-	-	-	-	-	20.0	1815
11 - 15	-	1.6	8.3	6.5	2.2	1.1	0.3	*	-	-	-	-	-	-	-	15.9	1442
16 - 20	-	0.7	5.6	5.8	2.2	1.2	0.4	*	*	-	-	-	-	-	-	14.1	1278
21 - 24	-	0.2	3.5	6.1	3.0	1.0	0.2	*	-	*	-	-	-	-	-	7.5	680
25 - 33	-	*	0.6	3.5	2.4	0.7	0.2	0.1	-	-	-	-	-	-	-	5.7	517
34 - 47	-	-	0.1	1.7	2.4	1.2	0.2	*	*	-	-	-	-	-	-	0.4	33
> 48	-	-	-	*	0.1	0.1	0.1	*	-	-	-	-	-	-	-	6.8	614
TOTAL %	0.0	6.2	36.1	34.8	15.0	6.1	1.6	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	0	566	3274	3158	1360	557	144	17	3	1	0	0	0	0	0		9080

(* < 0.05%)

STATION: 46027

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

Month: MAR

WIND SPEED	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4		
0	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	-	2.2	227
1 - 3	-	0.2	1.5	0.5	*	*	-	-	-	-	-	-	-	-	-	8.5	865
4 - 6	-	1.1	4.2	2.4	0.5	0.2	0.1	-	-	-	-	-	-	-	-	16.8	1717
7 - 10	-	2.7	7.5	4.7	1.4	0.4	*	-	-	-	-	-	-	-	-	20.0	2039

11 - 15	-	1.0	6.1	5.7	2.3	0.8	0.3	0.1	-	-	-	-	-	-	-	16.3	1667
16 - 20	-	0.3	5.4	5.7	2.8	0.9	0.2	0.1	*	-	-	-	-	-	-	15.5	1585
21 - 24	-	*	1.8	3.2	1.9	0.5	0.1	*	-	-	-	-	-	-	-	7.7	784
25 - 33	-	-	0.5	2.5	2.0	0.7	0.2	-	-	-	-	-	-	-	-	6.0	610
34 - 47	-	-	-	*	*	0.1	*	-	-	-	-	-	-	-	-	0.1	11
> 48	-	0.9	2.7	2.3	0.9	0.2	*	-	-	-	-	-	-	-	-	7.0	712
TOTAL %	0.0	8.6	38.3	33.0	14.0	4.7	1.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	0	879	3918	3370	1430	480	119	18	3	0	0	0	0	0	0		10217

(* < 0.05%)

STATION: 46027

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

Month: APR

		WAVE HEIGHT														TOT %	TOT N	
		0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4		
WIND SPEED		0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4			
0		-	0.5	0.9	0.2	0.1	-	-	-	-	-	-	-	-	-	-	1.6	177
1 - 3		-	3.2	5.1	1.4	0.4	*	-	-	-	-	-	-	-	-	-	10.0	1077
4 - 6		-	5.8	8.6	2.9	0.7	0.2	*	-	-	-	-	-	-	-	-	18.2	1953
7 - 10		*	4.4	10.0	3.7	1.1	0.1	0.1	-	-	-	-	-	-	-	-	19.3	2076
11 - 15		-	1.9	7.5	3.4	0.8	0.1	*	*	-	-	-	-	-	-	-	13.6	1465
16 - 20		-	0.5	6.9	3.6	0.9	0.3	0.1	-	-	-	-	-	-	-	-	12.2	1309
21 - 24		-	0.1	2.3	2.0	0.6	0.1	-	-	-	-	-	-	-	-	-	5.0	539
25 - 33		-	-	0.6	2.6	0.8	0.1	-	-	-	-	-	-	-	-	-	4.0	434
34 - 47		-	-	-	0.1	*	-	-	-	-	-	-	-	-	-	-	0.1	10
> 48		-	1.8	7.1	5.1	1.4	0.3	0.1	-	-	-	-	-	-	-	-	15.8	1698
TOTAL %	0.0	18.0	48.9	24.9	6.8	1.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	1	1928	5251	2677	733	115	32	1	0	0	0	0	0	0	0	0		10738

(* < 0.05%)

STATION: 46027

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

Month: MAY

		WAVE HEIGHT														TOT %	TOT N	
		0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4		
WIND SPEED		0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4			
0		-	1.4	1.0	0.1	-	-	-	-	-	-	-	-	-	-	-	2.5	254
1 - 3		-	4.9	5.6	1.3	0.1	-	-	-	-	-	-	-	-	-	-	11.9	1185
4 - 6		*	6.5	8.8	1.9	0.1	-	-	-	-	-	-	-	-	-	-	17.4	1740
7 - 10		*	6.1	8.3	2.0	0.2	*	-	-	-	-	-	-	-	-	-	16.7	1667
11 - 15		-	3.7	7.4	2.1	0.2	-	-	-	-	-	-	-	-	-	-	13.5	1347
16 - 20		-	1.6	9.4	2.8	0.3	*	-	-	-	-	-	-	-	-	-	14.1	1406
21 - 24		-	0.1	4.9	3.0	0.3	*	-	-	-	-	-	-	-	-	-	8.3	826
25 - 33		-	-	1.6	5.1	1.7	0.1	-	-	-	-	-	-	-	-	-	8.4	840
34 - 47		-	-	-	0.1	0.5	*	-	-	-	-	-	-	-	-	-	0.6	60
> 48		-	2.4	3.2	1.0	0.1	-	-	-	-	-	-	-	-	-	-	6.6	663
TOTAL %	0.0	26.7	50.2	19.5	3.4	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	2	2666	5015	1951	336	18	0	0	0	0	0	0	0	0	0	0		9988

(* < 0.05%)

STATION: 46027

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

Month: JUN

		WAVE HEIGHT														TOT %	TOT N	
		0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4		
WIND SPEED		0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4			
0		-	1.2	1.3	0.1	*	0.1	-	-	-	-	-	-	-	-	-	2.7	234
1 - 3		*	8.4	6.5	1.0	0.1	-	-	-	-	-	-	-	-	-	-	16.0	1369
4 - 6		-	9.3	8.3	1.3	0.2	*	-	-	-	-	-	-	-	-	-	19.1	1630
7 - 10		-	7.2	8.2	1.3	0.2	-	-	-	-	-	-	-	-	-	-	16.9	1447
11 - 15		-	4.3	7.3	1.2	0.1	-	-	-	-	-	-	-	-	-	-	13.0	1107
16 - 20		-	1.3	6.7	2.2	0.2	-	-	-	-	-	-	-	-	-	-	10.4	887
21 - 24		-	0.1	3.0	3.4	0.1	-	-	-	-	-	-	-	-	-	-	6.6	565
25 - 33		-	*	1.4	4.8	1.2	-	-	-	-	-	-	-	-	-	-	7.4	630
34 - 47		-	-	-	-	0.3	*	-	-	-	-	-	-	-	-	-	0.3	24
> 48		-	3.0	2.7	1.5	0.4	-	-	-	-	-	-	-	-	-	-	7.6	646
TOTAL %	0.0	34.8	45.4	17.0	2.7	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	1	2974	3879	1448	230	7	0	0	0	0	0	0	0	0	0	0		8539

(* < 0.05%)

STATION: 46027

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

Month: JUL

WIND SPEED	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4		
0	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	-	4.8	483
1 - 3	-	10.1	8.1	0.6	*	-	-	-	-	-	-	-	-	-	-	18.7	1889
4 - 6	*	12.4	8.1	0.8	-	-	-	-	-	-	-	-	-	-	-	21.2	2143
7 - 10	*	6.9	4.3	0.9	-	-	-	-	-	-	-	-	-	-	-	12.1	1223
11 - 15	-	3.1	3.6	1.0	*	-	-	-	-	-	-	-	-	-	-	7.8	789
16 - 20	-	1.4	4.9	2.1	0.1	-	-	-	-	-	-	-	-	-	-	8.4	843
21 - 24	-	*	2.6	2.9	0.3	*	-	-	-	-	-	-	-	-	-	5.9	592
25 - 33	-	-	1.1	4.2	0.9	*	-	-	-	-	-	-	-	-	-	6.2	627
34 - 47	-	-	-	0.3	0.3	*	-	-	-	-	-	-	-	-	-	0.6	63
> 48	-	3.8	8.0	2.1	0.3	-	-	-	-	-	-	-	-	-	-	14.2	1433
TOTAL %	0.0	40.3	42.7	14.9	1.9	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	3	4068	4305	1505	196	8	0	0	0	0	0	0	0	0	0		10085

(* < 0.05%)

STATION: 46027

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

Month: AUG

WIND SPEED	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4		
0	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	-	3.9	314
1 - 3	-	13.6	8.0	0.6	*	-	-	-	-	-	-	-	-	-	-	22.2	1812
4 - 6	*	12.9	7.3	0.8	*	-	-	-	-	-	-	-	-	-	-	21.0	1709
7 - 10	-	6.5	5.0	0.6	-	-	-	-	-	-	-	-	-	-	-	12.1	989
11 - 15	-	2.9	4.0	0.6	0.1	-	-	-	-	-	-	-	-	-	-	7.6	617
16 - 20	-	0.9	4.6	1.5	0.1	-	-	-	-	-	-	-	-	-	-	7.1	581
21 - 24	-	*	2.4	1.9	*	-	-	-	-	-	-	-	-	-	-	4.4	355
25 - 33	-	-	0.8	2.9	0.5	*	-	-	-	-	-	-	-	-	-	4.2	345
34 - 47	-	-	-	0.2	0.1	-	-	-	-	-	-	-	-	-	-	0.3	25
> 48	-	8.4	7.3	1.5	0.1	-	-	-	-	-	-	-	-	-	-	17.3	1407
TOTAL %	0.0	47.5	40.8	10.7	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	1	3876	3324	870	82	1	0	0	0	0	0	0	0	0	0		8154

(* < 0.05%)

STATION: 46027

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

Month: SEP

WIND SPEED	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4		
0	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	-	2.6	240
1 - 3	-	11.2	10.7	2.2	0.2	*	-	-	-	-	-	-	-	-	-	24.3	2263
4 - 6	-	10.2	9.0	2.7	0.2	*	-	-	-	-	-	-	-	-	-	22.1	2061
7 - 10	*	5.5	6.8	1.5	0.1	-	-	-	-	-	-	-	-	-	-	13.9	1297
11 - 15	-	2.4	5.0	1.3	0.1	-	-	-	-	-	-	-	-	-	-	8.8	825
16 - 20	-	0.4	3.7	2.6	0.1	*	-	-	-	-	-	-	-	-	-	6.9	642
21 - 24	-	*	2.0	2.7	0.3	-	-	-	-	-	-	-	-	-	-	5.0	468
25 - 33	-	-	0.7	2.9	1.1	*	-	-	-	-	-	-	-	-	-	4.7	442
34 - 47	-	-	-	*	*	*	-	-	-	-	-	-	-	-	-	0.1	5
> 48	-	5.6	4.7	1.4	0.1	-	-	-	-	-	-	-	-	-	-	11.7	1087
TOTAL %	0.0	36.4	43.9	17.4	2.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	2	3394	4096	1622	208	8	0	0	0	0	0	0	0	0	0		9330

(* < 0.05%)

STATION: 46027

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

Month: OCT

WIND SPEED	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4		
0	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	-	2.6	222
1 - 3	-	5.3	10.0	3.1	0.5	0.1	*	-	-	-	-	-	-	-	-	19.0	1615
4 - 6	-	7.4	11.4	3.8	0.6	0.1	*	*	-	-	-	-	-	-	-	23.3	1980
7 - 10	-	4.2	8.4	3.5	0.7	0.1	*	*	-	-	-	-	-	-	-	16.9	1440
11 - 15	-	1.7	6.1	3.5	0.6	0.1	*	*	*	*	-	-	-	-	-	12.2	1034
16 - 20	-	0.4	4.3	4.4	1.2	0.1	0.1	*	*	*	*	-	-	-	-	10.5	895
21 - 24	-	*	1.4	2.6	0.8	0.1	0.1	0.1	-	*	-	-	-	-	-	5.1	435
25 - 33	-	-	0.3	1.2	0.7	0.1	*	*	-	-	-	-	-	-	-	2.4	203
34 - 47	-	-	-	-	*	-	-	-	-	-	-	-	-	-	-	0.0	3
> 48	-	1.3	3.2	2.7	0.5	0.1	-	-	-	-	-	-	-	-	-	7.9	675

TOTAL %	0.0	21.0	46.6	25.3	5.7	0.7	0.4	0.3	0.0	0.1	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	0	1788	3958	2147	484	63	30	22	4	5	1	0	0	0	0		8502

(* < 0.05%)

STATION: 46027

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

Month: NOV

WIND SPEED	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4		
0	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	-	1.5	137
1 - 3	-	2.2	5.2	2.5	1.0	0.1	-	-	-	-	-	-	-	-	-	11.0	990
4 - 6	-	3.6	9.5	5.4	1.9	0.3	0.1	-	-	-	-	-	-	-	-	20.8	1867
7 - 10	-	3.0	9.6	6.2	2.3	0.6	0.2	*	*	-	-	-	-	-	-	21.8	1964
11 - 15	-	1.3	7.1	5.8	2.1	0.5	0.1	*	*	*	-	-	-	-	-	16.9	1523
16 - 20	-	0.4	5.2	5.0	1.8	0.6	0.2	0.1	*	-	-	-	-	-	-	13.4	1201
21 - 24	-	0.1	1.2	1.8	0.6	0.3	0.3	0.1	-	-	-	-	-	-	-	4.4	394
25 - 33	-	*	0.3	0.9	0.5	0.3	0.1	0.1	-	-	-	-	-	-	-	2.2	202
34 - 47	-	-	-	*	0.1	0.1	0.1	*	-	-	-	-	-	-	-	0.3	30
> 48	-	1.3	3.5	2.2	0.5	*	-	-	-	-	-	-	-	-	-	7.6	681
TOTAL %	0.0	12.2	42.5	29.9	10.9	2.9	1.2	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	0	1097	3819	2689	982	261	104	32	4	1	0	0	0	0	0		8989

(* < 0.05%)

STATION: 46027

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

Month: DEC

WIND SPEED	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4		
0	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	-	2.2	195
1 - 3	-	1.8	4.5	2.4	1.1	0.3	0.1	-	-	-	-	-	-	-	-	10.1	905
4 - 6	-	2.6	7.7	5.3	2.4	0.7	0.2	*	-	-	-	-	-	-	-	18.8	1687
7 - 10	-	1.9	6.1	6.1	3.0	1.1	0.3	*	-	-	-	-	-	-	-	18.5	1658
11 - 15	-	0.8	4.4	5.3	4.0	1.1	0.4	0.1	-	-	-	-	-	-	-	16.1	1444
16 - 20	-	0.3	3.0	5.7	3.6	1.1	0.5	0.1	0.1	*	-	-	-	-	-	14.5	1300
21 - 24	-	0.1	0.8	2.4	1.7	0.8	0.3	0.1	*	*	-	-	-	-	-	6.3	562
25 - 33	-	*	0.1	1.2	1.7	1.3	0.6	0.1	*	*	*	-	-	-	-	5.1	462
34 - 47	-	-	-	*	0.1	0.2	0.1	0.1	-	-	-	-	-	-	-	0.5	45
> 48	-	0.1	2.3	3.1	1.6	0.8	0.2	*	-	-	-	-	-	-	-	8.0	720
TOTAL %	0.0	7.9	30.1	31.7	19.3	7.5	2.6	0.6	0.2	0.1	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	0	710	2698	2845	1737	677	231	56	14	9	1	0	0	0	0		8978

(* < 0.05%)

STATION: 46027

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

All Months: Annual

WIND SPEED	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4		
0	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	-	2.5	2738
1 - 3	*	5.2	6.3	1.9	0.4	0.1	*	-	-	-	-	-	-	-	-	13.9	15539
4 - 6	*	6.3	8.5	3.3	0.9	0.2	0.1	*	-	-	-	-	-	-	-	19.4	21596
7 - 10	*	4.3	7.7	3.8	1.2	0.4	0.1	*	*	-	-	-	-	-	-	17.5	19485
11 - 15	-	2.1	5.9	3.5	1.4	0.4	0.1	*	*	*	-	-	-	-	-	13.4	14890
16 - 20	-	0.7	5.1	3.9	1.5	0.4	0.1	*	*	*	*	-	-	-	-	11.9	13223
21 - 24	-	*	2.0	2.7	1.0	0.3	0.1	*	*	*	-	-	-	-	-	6.1	6855
25 - 33	-	*	0.6	2.7	1.3	0.4	0.1	*	*	*	*	-	-	-	-	5.2	5765
34 - 47	-	-	-	0.1	0.1	*	*	*	-	-	-	-	-	-	-	0.3	321
> 48	-	2.4	4.5	2.3	0.6	0.1	*	*	-	-	-	-	-	-	-	9.9	11061
TOTAL %	0.0	21.9	42.0	24.3	8.5	2.4	0.7	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	10	24458	46809	27084	9433	2661	793	172	33	18	2	0	0	0	0		111473

(* < 0.05%)

STATION: 46027

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

Months: DEC, JAN, FEB (Winter)

WIND SPEED	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4		
0	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	-	1.7	450
1 - 3	-	1.2	4.3	2.5	0.8	0.2	0.1	-	-	-	-	-	-	-	-	9.2	2474
4 - 6	-	2.0	8.1	5.2	1.8	0.6	0.1	*	-	-	-	-	-	-	-	17.8	4796

7 - 10	-	1.7	7.8	6.4	2.7	1.0	0.2	*	*	-	-	-	-	-	-	19.8	5343
11 - 15	-	0.8	5.5	5.7	3.3	1.0	0.3	*	*	*	-	-	-	-	-	16.8	4516
16 - 20	-	0.2	3.3	5.8	3.5	1.1	0.3	0.1	*	*	-	-	-	-	-	14.4	3874
21 - 24	-	*	0.8	2.9	2.2	0.7	0.3	0.1	*	*	-	-	-	-	-	7.0	1897
25 - 33	-	*	0.1	1.5	2.1	1.1	0.4	0.1	*	*	*	-	-	-	-	5.3	1432
34 - 47	-	-	-	*	0.1	0.1	0.1	*	-	-	-	-	-	-	-	0.3	90
> 48	-	0.4	3.6	2.3	0.9	0.3	0.1	*	-	-	-	-	-	-	-	7.6	2059
TOTAL %	0.0	6.6	34.3	32.7	17.6	6.3	1.9	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	0	1788	9244	8805	4752	1700	508	99	22	12	1	0	0	0	0		26931

(* < 0.05%)

STATION: 46027

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

Months: MAR, APR, MAY (Spring)

		WAVE HEIGHT																
		0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4	TOT %	TOT N
WIND SPEED	0	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	-	2.1	658
	1 - 3	-	0.7	1.1	0.3	*	*	-	-	-	-	-	-	-	-	-	10.1	3127
	4 - 6	*	5.0	8.3	3.2	0.7	0.2	*	-	-	-	-	-	-	-	-	17.5	5410
	7 - 10	*	4.3	9.0	3.9	1.1	0.3	0.1	-	-	-	-	-	-	-	-	18.7	5782
	11 - 15	-	2.2	7.0	3.7	1.1	0.3	0.1	*	-	-	-	-	-	-	-	14.5	4479
	16 - 20	-	0.8	7.2	4.0	1.4	0.4	0.1	*	*	-	-	-	-	-	-	13.9	4300
	21 - 24	-	0.1	3.0	2.7	0.9	0.2	*	*	-	-	-	-	-	-	-	6.9	2149
	25 - 33	-	-	0.9	3.4	1.5	0.3	0.1	-	-	-	-	-	-	-	-	6.1	1884
	34 - 47	-	-	-	0.1	0.2	*	*	-	-	-	-	-	-	-	-	0.3	81
	> 48	-	1.7	4.4	2.9	0.8	0.2	*	-	-	-	-	-	-	-	-	9.9	3073
TOTAL %		0.0	17.7	45.8	25.8	8.1	2.0	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N		3	5473	14184	7998	2499	613	151	19	3	0	0	0	0	0	0		30943

(* < 0.05%)

STATION: 46027

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

Months: JUN, JUL, AUG (Summer)

		WAVE HEIGHT																
		0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4	TOT %	TOT N
WIND SPEED	0	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	-	3.9	1031
	1 - 3	*	10.6	7.5	0.7	0.1	-	-	-	-	-	-	-	-	-	-	18.9	5070
	4 - 6	*	11.5	7.9	0.9	0.1	*	-	-	-	-	-	-	-	-	-	20.5	5482
	7 - 10	*	6.9	5.8	0.9	*	-	-	-	-	-	-	-	-	-	-	13.7	3659
	11 - 15	-	3.4	4.9	0.9	0.1	-	-	-	-	-	-	-	-	-	-	9.4	2513
	16 - 20	-	1.2	5.4	2.0	0.1	-	-	-	-	-	-	-	-	-	-	8.6	2311
	21 - 24	-	0.1	2.7	2.8	0.2	*	-	-	-	-	-	-	-	-	-	5.6	1512
	25 - 33	-	*	1.1	4.0	0.9	*	-	-	-	-	-	-	-	-	-	6.0	1602
	34 - 47	-	-	-	0.2	0.2	*	-	-	-	-	-	-	-	-	-	0.4	112
	> 48	-	5.0	6.1	1.7	0.3	-	-	-	-	-	-	-	-	-	-	13.0	3486
TOTAL %		0.0	40.8	43.0	14.3	1.9	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N		5	10918	11508	3823	508	16	0	0	0	0	0	0	0	0	0		26778

(* < 0.05%)

STATION: 46027

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

Months: SEP, OCT, NOV (Autumn)

		WAVE HEIGHT																
		0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4	TOT %	TOT N
WIND SPEED	0	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	-	2.2	599
	1 - 3	-	6.3	8.6	2.6	0.6	0.1	*	-	-	-	-	-	-	-	-	18.1	4868
	4 - 6	-	7.1	9.9	3.9	0.9	0.2	*	*	-	-	-	-	-	-	-	22.0	5908
	7 - 10	*	4.2	8.2	3.7	1.0	0.2	0.1	*	*	-	-	-	-	-	-	17.5	4701
	11 - 15	-	1.8	6.1	3.5	0.9	0.2	*	*	*	-	-	-	-	-	-	12.6	3382
	16 - 20	-	0.4	4.4	4.0	1.0	0.2	0.1	0.1	*	*	*	-	-	-	-	10.2	2738
	21 - 24	-	0.1	1.5	2.4	0.6	0.1	0.1	0.1	-	*	-	-	-	-	-	4.8	1297
	25 - 33	-	*	0.4	1.7	0.8	0.2	0.1	*	-	-	-	-	-	-	-	3.2	847
	34 - 47	-	-	-	*	0.1	*	*	*	-	-	-	-	-	-	-	0.1	38
	> 48	-	2.8	3.8	2.1	0.4	*	-	-	-	-	-	-	-	-	-	9.1	2443
TOTAL %		0.0	23.4	44.3	24.1	6.2	1.2	0.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N		2	6279	11873	6458	1674	332	134	54	8	6	1	0	0	0	0		26821

(* < 0.05%)

STATION: 46027

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

Month: JAN

WAVE HEIGHT

3.5 - 4.4	-	*	*	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	3
4.5 - 5.4	-	0.2	0.3	-	-	-	-	-	-	-	-	-	-	-	-	-	0.4	45
5.5 - 6.4	-	0.2	1.4	0.4	*	-	-	-	-	-	-	-	-	-	-	-	2.0	201
6.5 - 7.4	-	0.2	2.2	1.6	0.1	*	-	-	-	-	-	-	-	-	-	-	4.1	416
7.5 - 8.4	-	0.5	2.1	2.2	0.6	*	-	-	-	-	-	-	-	-	-	-	5.5	560
8.5 - 9.4	-	0.7	2.3	1.4	0.5	0.1	*	-	-	-	-	-	-	-	-	-	5.0	510
9.5 - 10.4	-	1.2	4.6	1.8	0.7	0.2	*	-	-	-	-	-	-	-	-	-	8.5	871
10.5 - 11.4	-	1.6	8.2	6.2	1.4	0.3	*	-	-	-	-	-	-	-	-	-	17.7	1809
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	1.6	7.4	8.8	3.1	0.6	0.1	-	-	-	-	-	-	-	-	-	21.7	2215
13.5 - 14.4	-	1.7	5.5	6.2	4.9	1.8	0.4	0.1	*	-	-	-	-	-	-	-	20.5	2091
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	0.7	3.2	3.1	2.2	1.3	0.4	0.1	*	-	-	-	-	-	-	-	11.1	1130
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	*	1.2	1.0	0.4	0.4	0.2	*	-	-	-	-	-	-	-	-	3.2	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	*	*	*	*	-	-	-	-	-	-	-	-	0.4	37
TOTAL %	0.0	8.6	38.4	33.0	14.0	4.7	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	879	3918	3370	1429	480	119	18	3	0	0	0	0	0	0	0		10216

(* < 0.05%)

STATION: 46027

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

Month: APR

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4		
< 0.5	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	>13.4	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	*	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	2
3.5 - 4.4	-	*	*	-	-	-	-	-	-	-	-	-	-	-	-	0.1	6
4.5 - 5.4	-	0.1	0.3	*	-	-	-	-	-	-	-	-	-	-	-	0.5	50
5.5 - 6.4	-	0.4	1.7	0.6	-	-	-	-	-	-	-	-	-	-	-	2.7	289
6.5 - 7.4	*	0.7	2.5	1.5	0.1	-	-	-	-	-	-	-	-	-	-	4.7	507
7.5 - 8.4	-	2.8	5.2	2.0	0.5	*	-	-	-	-	-	-	-	-	-	10.5	1126
8.5 - 9.4	-	2.5	4.8	1.1	0.3	*	-	-	-	-	-	-	-	-	-	8.8	943
9.5 - 10.4	-	2.5	8.2	2.5	0.2	*	-	-	-	-	-	-	-	-	-	13.4	1434
10.5 - 11.4	-	3.2	10.8	4.9	0.5	0.1	-	-	-	-	-	-	-	-	-	19.5	2089
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	2.9	9.6	6.9	1.8	0.2	-	-	-	-	-	-	-	-	-	21.4	2295
13.5 - 14.4	-	1.7	4.0	4.1	2.4	0.6	0.1	-	-	-	-	-	-	-	-	12.9	1387
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	0.8	1.3	1.1	0.9	0.2	0.2	*	-	-	-	-	-	-	-	4.5	483
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	0.1	0.5	0.3	0.2	*	*	-	-	-	-	-	-	-	-	1.2	124
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	3
TOTAL %	0.0	18.0	48.9	24.9	6.8	1.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	1	1928	5251	2677	733	115	32	1	0	0	0	0	0	0	0		10738

(* < 0.05%)

STATION: 46027

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

Month: MAY

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4		
< 0.5	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	>13.4	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	0.1	5
3.5 - 4.4	-	0.2	*	-	-	-	-	-	-	-	-	-	-	-	-	0.3	26
4.5 - 5.4	-	0.7	1.0	*	-	-	-	-	-	-	-	-	-	-	-	1.7	171
5.5 - 6.4	-	1.4	5.3	1.1	-	-	-	-	-	-	-	-	-	-	-	7.8	782
6.5 - 7.4	-	2.4	5.7	3.6	0.3	-	-	-	-	-	-	-	-	-	-	11.9	1193
7.5 - 8.4	*	5.5	9.1	3.2	1.0	*	-	-	-	-	-	-	-	-	-	18.8	1879
8.5 - 9.4	-	4.2	6.6	1.9	0.7	*	-	-	-	-	-	-	-	-	-	13.4	1340

TOTAL %	0.0	40.3	42.7	14.9	1.9	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	3	4067	4305	1505	196	8	0	0	0	0	0	0	0	0	0		10084

(* < 0.05%)

STATION: 46027

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

Month: AUG

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0- 0.4	0.5- 1.4	1.5- 2.4	2.5- 3.4	3.5- 4.4	4.5- 5.4	5.5- 6.4	6.5- 7.4	7.5- 8.4	8.5- 9.4	9.5- 10.4	10.5- 11.4	11.5- 12.4	12.5- 13.4	>13.4		
< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	*	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	3
3.5 - 4.4	-	0.4	*	-	-	-	-	-	-	-	-	-	-	-	-	0.5	37
4.5 - 5.4	-	1.8	0.6	-	-	-	-	-	-	-	-	-	-	-	-	2.3	191
5.5 - 6.4	*	4.5	4.4	0.5	-	-	-	-	-	-	-	-	-	-	-	9.5	771
6.5 - 7.4	-	8.7	10.7	2.4	*	-	-	-	-	-	-	-	-	-	-	21.8	1777
7.5 - 8.4	-	15.2	12.7	5.2	0.4	-	-	-	-	-	-	-	-	-	-	33.5	2733
8.5 - 9.4	-	5.0	4.5	1.2	0.3	*	-	-	-	-	-	-	-	-	-	11.0	899
9.5 - 10.4	-	3.2	4.8	0.6	*	-	-	-	-	-	-	-	-	-	-	8.6	700
10.5 - 11.4	-	1.6	2.4	0.4	*	-	-	-	-	-	-	-	-	-	-	4.4	359
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	1.5	0.4	0.3	*	-	-	-	-	-	-	-	-	-	-	2.2	178
13.5 - 14.4	-	2.3	0.1	0.2	0.1	-	-	-	-	-	-	-	-	-	-	2.7	223
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	2.8	0.1	*	*	-	-	-	-	-	-	-	-	-	-	2.9	239
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	0.5	44
TOTAL %	0.0	47.5	40.8	10.7	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	1	3876	3324	870	82	1	0	0	0	0	0	0	0	0	0		8154

(* < 0.05%)

STATION: 46027

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

Month: SEP

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0- 0.4	0.5- 1.4	1.5- 2.4	2.5- 3.4	3.5- 4.4	4.5- 5.4	5.5- 6.4	6.5- 7.4	7.5- 8.4	8.5- 9.4	9.5- 10.4	10.5- 11.4	11.5- 12.4	12.5- 13.4	>13.4		
< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	*	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	2
3.5 - 4.4	-	0.1	*	-	-	-	-	-	-	-	-	-	-	-	-	0.2	14
4.5 - 5.4	-	0.4	0.3	-	-	-	-	-	-	-	-	-	-	-	-	0.7	66
5.5 - 6.4	-	2.0	2.7	0.4	-	-	-	-	-	-	-	-	-	-	-	5.2	483
6.5 - 7.4	*	4.5	6.9	2.8	0.1	-	-	-	-	-	-	-	-	-	-	14.3	1336
7.5 - 8.4	-	9.8	8.7	4.3	0.7	*	-	-	-	-	-	-	-	-	-	23.5	2191
8.5 - 9.4	-	5.1	4.9	1.3	0.2	*	-	-	-	-	-	-	-	-	-	11.5	1070
9.5 - 10.4	-	4.3	5.9	1.2	0.1	-	-	-	-	-	-	-	-	-	-	11.5	1073
10.5 - 11.4	-	3.9	5.4	1.7	0.1	-	-	-	-	-	-	-	-	-	-	11.2	1041
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	2.0	4.6	2.1	0.3	-	-	-	-	-	-	-	-	-	-	8.9	834
13.5 - 14.4	-	1.7	2.8	1.7	0.6	*	-	-	-	-	-	-	-	-	-	6.9	643
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	2.0	1.3	1.4	0.2	*	-	-	-	-	-	-	-	-	-	5.0	462
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	0.5	0.3	0.4	*	-	-	-	-	-	-	-	-	-	-	1.2	111
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	36.4	43.9	17.4	2.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	2	3394	4096	1622	208	8	0	0	0	0	0	0	0	0	0		9330

(* < 0.05%)

STATION: 46027

5 - PERCENT FREQUENCY OF SIGNIFICANT WAVE HEIGHT(METERS) VS DOMINANT 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	-	*	*	-	-	-	-	-	-	-	-	-	-	-	-	0.1	7
4.5 - 5.4	-	0.3	0.3	-	-	-	-	-	-	-	-	-	-	-	-	0.6	50
5.5 - 6.4	-	1.1	1.4	0.3	-	-	-	-	-	-	-	-	-	-	-	2.8	237
6.5 - 7.4	-	1.4	2.8	1.3	0.1	-	-	-	-	-	-	-	-	-	-	5.7	484
7.5 - 8.4	-	2.4	4.7	2.4	0.4	-	-	-	-	-	-	-	-	-	-	9.9	844
8.5 - 9.4	-	1.9	4.1	1.1	0.3	-	-	-	-	-	-	-	-	-	-	7.4	632
9.5 - 10.4	-	3.6	7.3	1.9	0.2	*	-	-	-	-	-	-	-	-	-	13.0	1107
10.5 - 11.4	-	4.1	11.5	4.9	0.6	*	-	-	-	-	-	-	-	-	-	21.2	1803
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	3.0	9.2	8.0	1.6	0.1	*	-	-	-	-	-	-	-	-	22.0	1873
13.5 - 14.4	-	1.4	3.3	4.2	2.2	0.5	0.1	*	-	-	-	-	-	-	-	11.8	1003
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	1.4	1.4	1.0	0.2	0.1	0.2	0.2	*	*	-	-	-	-	-	4.5	379
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	0.2	0.5	0.2	0.1	-	-	-	-	*	*	-	-	-	-	1.0	83
TOTAL %	0.0	21.0	46.6	25.3	5.7	0.7	0.4	0.3	0.0	0.1	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	0	1788	3958	2147	484	63	30	22	4	5	1	0	0	0	0		8502

(* < 0.05%)

STATION: 46027

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

Month: NOV

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0- 0.4	0.5- 1.4	1.5- 2.4	2.5- 3.4	3.5- 4.4	4.5- 5.4	5.5- 6.4	6.5- 7.4	7.5- 8.4	8.5- 9.4	9.5- 10.4	10.5- 11.4	11.5- 12.4	12.5- 13.4	>13.4		
< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	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	5
4.5 - 5.4	-	0.2	0.1	-	-	-	-	-	-	-	-	-	-	-	-	0.3	29
5.5 - 6.4	-	0.3	0.9	0.1	-	-	-	-	-	-	-	-	-	-	-	1.3	113
6.5 - 7.4	-	0.7	1.3	0.5	*	-	-	-	-	-	-	-	-	-	-	2.6	230
7.5 - 8.4	-	2.1	2.8	1.1	0.4	*	-	-	-	-	-	-	-	-	-	6.5	582
8.5 - 9.4	-	1.4	3.9	1.6	0.4	0.1	*	*	-	-	-	-	-	-	-	7.5	675
9.5 - 10.4	-	1.3	6.9	3.2	0.7	0.2	0.1	-	-	-	-	-	-	-	-	12.4	1116
10.5 - 11.4	-	1.5	10.8	7.2	1.6	0.2	0.1	*	-	-	-	-	-	-	-	21.3	1918
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	2.1	9.2	8.7	2.6	0.7	0.1	-	-	-	-	-	-	-	-	23.4	2107
13.5 - 14.4	-	1.9	4.2	5.1	3.2	1.1	0.5	0.1	-	-	-	-	-	-	-	16.3	1461
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	0.6	1.6	1.8	1.7	0.6	0.4	0.2	*	*	-	-	-	-	-	6.9	617
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	0.2	0.5	0.5	0.2	*	-	*	-	-	-	-	-	-	-	1.5	133
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	3
TOTAL %	0.0	12.2	42.5	29.9	10.9	2.9	1.2	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	0	1097	3819	2689	982	261	104	32	4	1	0	0	0	0	0		8989

(* < 0.05%)

STATION: 46027

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

Month: DEC

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0- 0.4	0.5- 1.4	1.5- 2.4	2.5- 3.4	3.5- 4.4	4.5- 5.4	5.5- 6.4	6.5- 7.4	7.5- 8.4	8.5- 9.4	9.5- 10.4	10.5- 11.4	11.5- 12.4	12.5- 13.4	>13.4		
< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	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	-	0.1	0.2	-	-	-	-	-	-	-	-	-	-	-	-	0.2	19
5.5 - 6.4	-	0.1	0.8	0.2	-	-	-	-	-	-	-	-	-	-	-	1.0	94
6.5 - 7.4	-	0.3	1.8	1.0	0.1	-	-	-	-	-	-	-	-	-	-	3.2	287
7.5 - 8.4	-	0.4	2.3	1.7	0.7	0.1	-	-	-	-	-	-	-	-	-	5.1	461

8.5 - 9.4	-	0.3	1.5	1.0	0.4	0.3	-	-	-	-	-	-	-	-	-	-	3.5	317
9.5 - 10.4	-	1.0	2.3	2.1	0.8	0.3	0.1	-	-	-	-	-	-	-	-	-	6.4	577
10.5 - 11.4	-	1.4	4.2	5.3	2.7	0.5	0.1	*	-	-	-	-	-	-	-	-	14.2	1275
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	2.4	6.6	8.3	5.5	1.5	0.4	0.1	*	-	-	-	-	-	-	-	24.8	2223
13.5 - 14.4	-	1.3	6.4	7.4	6.1	3.0	1.1	0.3	*	*	*	-	-	-	-	-	25.6	2300
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	0.4	2.7	3.6	2.6	1.6	0.8	0.2	0.1	0.1	-	-	-	-	-	-	12.2	1091
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	0.2	1.1	1.1	0.5	0.3	*	*	*	*	-	-	-	-	-	-	3.4	301
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	-	-	0.2	0.1	*	*	*	-	-	-	-	-	-	-	-	-	0.3	30
TOTAL %	0.0	7.9	30.1	31.7	19.3	7.5	2.6	0.6	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	0	710	2698	2845	1737	677	231	56	14	9	1	0	0	0	0	0	8978	

(* < 0.05%)

STATION: 46027

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

All Months: Annual

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N	
	0.0- 0.4	0.5- 1.4	1.5- 2.4	2.5- 3.4	3.5- 4.4	4.5- 5.4	5.5- 6.4	6.5- 7.4	7.5- 8.4	8.5- 9.4	9.5- 10.4	10.5- 11.4	11.5- 12.4	12.5- 13.4	>13.4			
< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	26
3.5 - 4.4	-	0.1	*	-	-	-	-	-	-	-	-	-	-	-	-	-	0.1	157
4.5 - 5.4	-	0.5	0.4	*	-	-	-	-	-	-	-	-	-	-	-	-	0.9	1025
5.5 - 6.4	*	1.3	2.4	0.4	*	-	-	-	-	-	-	-	-	-	-	-	4.2	4691
6.5 - 7.4	*	2.5	4.5	2.0	0.1	*	-	-	-	-	-	-	-	-	-	-	9.1	10125
7.5 - 8.4	*	5.2	6.5	3.2	0.6	*	*	-	-	-	-	-	-	-	-	-	15.6	17355
8.5 - 9.4	-	2.7	4.0	1.4	0.5	0.1	*	*	-	-	-	-	-	-	-	-	8.6	9540
9.5 - 10.4	-	2.3	5.4	1.9	0.4	0.1	*	*	-	-	-	-	-	-	-	-	10.2	11326
10.5 - 11.4	-	2.1	6.8	4.0	0.9	0.1	*	*	-	-	-	-	-	-	-	-	13.9	15524
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	*	1.9	6.0	5.4	2.1	0.5	0.1	*	*	*	-	-	-	-	-	-	16.0	17794
13.5 - 14.4	-	1.8	3.7	3.7	2.6	1.0	0.3	0.1	*	*	*	-	-	-	-	-	13.1	14602
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	1.3	1.7	1.6	1.0	0.5	0.3	0.1	*	*	-	-	-	-	-	-	6.6	7314
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	0.2	0.6	0.5	0.2	0.1	*	*	*	*	*	-	-	-	-	-	1.7	1878
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	113
TOTAL %	0.0	21.9	42.0	24.3	8.5	2.4	0.7	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	10	24457	46808	27084	9432	2661	793	172	33	18	2	0	0	0	0	0	111470	

(* < 0.05%)

STATION: 46027

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

Months: DEC, JAN, FEB (Winter)

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N	
	0.0- 0.4	0.5- 1.4	1.5- 2.4	2.5- 3.4	3.5- 4.4	4.5- 5.4	5.5- 6.4	6.5- 7.4	7.5- 8.4	8.5- 9.4	9.5- 10.4	10.5- 11.4	11.5- 12.4	12.5- 13.4	>13.4			
< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	5
3.5 - 4.4	-	*	*	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	8
4.5 - 5.4	-	*	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	0.2	43
5.5 - 6.4	-	0.1	0.7	0.2	*	-	-	-	-	-	-	-	-	-	-	-	1.0	270
6.5 - 7.4	-	0.3	1.5	0.9	0.1	*	-	-	-	-	-	-	-	-	-	-	2.8	743
7.5 - 8.4	-	0.4	2.1	1.6	0.6	0.1	*	-	-	-	-	-	-	-	-	-	4.8	1303
8.5 - 9.4	-	0.3	1.9	1.5	0.5	0.2	*	*	-	-	-	-	-	-	-	-	4.5	1208
9.5 - 10.4	-	0.7	3.3	2.6	0.8	0.2	0.1	*	*	-	-	-	-	-	-	-	7.7	2063
10.5 - 11.4	-	1.0	5.2	5.3	2.1	0.4	0.1	*	-	-	-	-	-	-	-	-	14.1	3805
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	1.8	7.9	8.3	5.0	1.4	0.3	*	*	*	-	-	-	-	-	-	24.7	6657
13.5 - 14.4	-	1.3	7.0	7.1	5.6	2.5	0.7	0.1	*	*	*	-	-	-	-	-	24.5	6588

5.5 - 6.4	-	1.1	4.7	4.1	0.4	-	-	-	-	-	-	-	-	-	-	-	10.2	930
6.5 - 7.4	-	2.3	8.0	7.5	3.2	0.3	-	-	-	-	-	-	-	-	-	-	21.2	1926
7.5 - 8.4	-	1.1	9.5	7.7	4.3	1.3	0.1	*	-	-	-	-	-	-	-	-	24.0	2180
8.5 - 9.4	-	0.8	5.8	7.9	3.8	1.8	0.4	*	*	-	-	-	-	-	-	-	20.4	1855
9.5 - 10.4	-	0.3	3.7	4.4	2.3	1.6	0.6	0.1	*	-	-	-	-	-	-	-	12.9	1172
10.5 - 11.4	-	0.1	2.0	2.1	0.7	0.9	0.2	*	-	-	-	-	-	-	-	-	6.1	554
11.5 - 12.4	-	*	0.6	0.8	0.2	0.2	0.2	*	-	-	-	-	-	-	-	-	2.1	192
12.5 - 13.4	-	*	0.3	0.2	0.1	*	*	*	*	-	-	-	-	-	-	-	0.7	60
13.5 - 14.4	-	-	*	*	*	-	-	-	-	*	-	-	-	-	-	-	0.1	6
14.5 - 15.4	-	-	-	*	-	-	-	-	-	-	-	-	-	-	-	-	0.0	1
TOTAL %	0.0	6.2	36.1	34.8	15.0	6.1	1.6	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	0	566	3274	3158	1360	557	144	17	3	1	0	0	0	0	0	0		9080

(* < 0.05%)

STATION: 46027

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

Month: MAR

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N	
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4			
< 0.5	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	>13.4		0.0	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	-	-	-	-	-	-	-	-	-	-	-	-	-	0.1	13
4.5 - 5.4	-	1.1	3.6	0.5	-	-	-	-	-	-	-	-	-	-	-	-	5.1	525
5.5 - 6.4	-	1.1	7.7	4.7	0.2	-	-	-	-	-	-	-	-	-	-	-	13.7	1403
6.5 - 7.4	-	1.6	8.2	7.5	2.4	0.2	*	-	-	-	-	-	-	-	-	-	19.9	2036
7.5 - 8.4	-	2.6	9.4	8.0	3.7	0.7	*	-	-	-	-	-	-	-	-	-	24.4	2491
8.5 - 9.4	-	1.4	5.8	7.5	3.8	1.2	0.3	-	-	-	-	-	-	-	-	-	20.0	2048
9.5 - 10.4	-	0.6	2.7	3.3	2.3	1.3	0.3	*	-	-	-	-	-	-	-	-	10.5	1068
10.5 - 11.4	-	0.1	0.8	1.1	1.3	0.8	0.2	0.1	*	-	-	-	-	-	-	-	4.4	445
11.5 - 12.4	-	-	0.1	0.3	0.1	0.4	0.2	*	-	-	-	-	-	-	-	-	1.1	117
12.5 - 13.4	-	-	-	0.1	*	*	0.1	*	-	-	-	-	-	-	-	-	0.3	28
13.5 - 14.4	-	-	-	*	0.1	*	-	*	-	-	-	-	-	-	-	-	0.2	23
14.5 - 15.4	-	-	-	-	*	0.1	-	-	-	-	-	-	-	-	-	-	0.1	8
15.5 - 16.4	-	-	-	-	-	0.1	*	*	-	-	-	-	-	-	-	-	0.1	10
16.5 - 17.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
17.5 - 18.4	-	-	-	-	-	-	*	-	-	-	-	-	-	-	-	-	0.0	1
TOTAL %	0.0	8.6	38.4	33.0	14.0	4.7	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	879	3918	3370	1429	480	119	18	3	0	0	0	0	0	0	0		10216

(* < 0.05%)

STATION: 46027

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

Month: APR

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N	
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4			
< 0.5	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	>13.4		0.0	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	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	0.3	31
4.5 - 5.4	-	1.7	4.4	0.5	-	-	-	-	-	-	-	-	-	-	-	-	6.6	707
5.5 - 6.4	-	4.4	12.2	5.0	0.1	-	-	-	-	-	-	-	-	-	-	-	21.8	2343
6.5 - 7.4	-	5.8	13.3	5.7	1.3	*	-	-	-	-	-	-	-	-	-	-	26.1	2806
7.5 - 8.4	-	3.9	12.0	7.0	1.4	0.2	-	-	-	-	-	-	-	-	-	-	24.5	2630
8.5 - 9.4	-	1.4	5.6	4.2	2.0	0.2	*	-	-	-	-	-	-	-	-	-	13.4	1444
9.5 - 10.4	-	0.4	1.0	1.6	1.2	0.5	0.1	-	-	-	-	-	-	-	-	-	4.8	520
10.5 - 11.4	-	*	0.2	0.5	0.4	0.1	0.1	-	-	-	-	-	-	-	-	-	1.3	144
11.5 - 12.4	-	-	0.1	0.3	0.2	*	*	-	-	-	-	-	-	-	-	-	0.6	67
12.5 - 13.4	-	-	*	0.1	0.2	-	*	*	-	-	-	-	-	-	-	-	0.3	31
13.5 - 14.4	-	-	-	-	0.1	*	-	-	-	-	-	-	-	-	-	-	0.1	8
14.5 - 15.4	-	-	-	-	*	*	*	-	-	-	-	-	-	-	-	-	0.1	7
TOTAL %	0.0	18.0	48.9	24.9	6.8	1.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	1	1928	5251	2677	733	115	32	1	0	0	0	0	0	0	0	0		10738

(* < 0.05%)

STATION: 46027

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

Month: MAY

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N	
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4			
< 0.5	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	>13.4			

8.5 - 9.4	-	0.5	0.9	0.3	0.1	-	-	-	-	-	-	-	-	-	-	-	1.7	139
9.5 - 10.4	-	0.3	*	*	0.1	-	-	-	-	-	-	-	-	-	-	-	0.4	34
10.5 - 11.4	-	*	-	-	*	-	-	-	-	-	-	-	-	-	-	-	0.1	5
TOTAL %	0.0	47.5	40.8	10.7	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	1	3876	3324	870	82	1	0	0	0	0	0	0	0	0	0	0		8154

(* < 0.05%)

STATION: 46027

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

Month: SEP

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4		
< 0.5	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4		0.0	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	-	0.5	0.2	-	-	-	-	-	-	-	-	-	-	-	-	0.7	62
4.5 - 5.4	-	4.7	5.2	0.7	-	-	-	-	-	-	-	-	-	-	-	10.6	991
5.5 - 6.4	*	12.5	14.4	6.2	0.4	-	-	-	-	-	-	-	-	-	-	33.5	3126
6.5 - 7.4	-	12.6	12.3	4.5	0.9	*	-	-	-	-	-	-	-	-	-	30.3	2831
7.5 - 8.4	-	4.3	6.1	2.1	0.3	-	-	-	-	-	-	-	-	-	-	12.7	1188
8.5 - 9.4	-	1.6	4.2	1.5	*	*	-	-	-	-	-	-	-	-	-	7.4	688
9.5 - 10.4	-	0.1	0.9	1.0	0.1	*	-	-	-	-	-	-	-	-	-	2.2	204
10.5 - 11.4	-	0.1	0.4	0.7	0.3	*	-	-	-	-	-	-	-	-	-	1.5	136
11.5 - 12.4	-	*	0.2	0.5	0.1	-	-	-	-	-	-	-	-	-	-	0.9	81
12.5 - 13.4	-	-	*	0.2	*	*	-	-	-	-	-	-	-	-	-	0.2	23
TOTAL %	0.0	36.4	43.9	17.4	2.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	2	3394	4096	1622	208	8	0	0	0	0	0	0	0	0	0		9330

(* < 0.05%)

STATION: 46027

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

Month: OCT

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4		
< 0.5	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4		0.0	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	22
4.5 - 5.4	-	2.2	3.0	0.5	-	-	-	-	-	-	-	-	-	-	-	5.7	481
5.5 - 6.4	-	4.7	8.9	3.7	0.1	-	-	-	-	-	-	-	-	-	-	17.4	1479
6.5 - 7.4	-	5.6	12.6	6.6	1.2	*	-	-	-	-	-	-	-	-	-	26.2	2227
7.5 - 8.4	-	4.4	10.5	6.3	1.4	0.1	-	-	-	-	-	-	-	-	-	22.7	1927
8.5 - 9.4	-	3.0	7.5	5.0	1.9	0.2	*	-	-	-	-	-	-	-	-	17.5	1491
9.5 - 10.4	-	0.9	2.9	2.3	0.8	0.3	0.1	*	-	-	-	-	-	-	-	7.4	626
10.5 - 11.4	-	0.1	0.9	0.7	0.2	0.1	0.1	0.2	*	-	-	-	-	-	-	2.3	194
11.5 - 12.4	-	-	0.2	0.1	0.1	-	*	*	*	-	-	-	-	-	-	0.4	37
12.5 - 13.4	-	-	*	0.1	*	-	-	-	-	*	*	-	-	-	-	0.2	16
13.5 - 14.4	-	-	-	*	-	-	-	-	-	-	-	-	-	-	-	0.0	1
14.5 - 15.4	-	-	-	-	*	-	-	-	-	-	-	-	-	-	-	0.0	1
TOTAL %	0.0	21.0	46.6	25.3	5.7	0.7	0.4	0.3	0.0	0.1	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	0	1788	3958	2147	484	63	30	22	4	5	1	0	0	0	0		8502

(* < 0.05%)

STATION: 46027

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

Month: NOV

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4		
< 0.5	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4		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	-	0.3	*	-	-	-	-	-	-	-	-	-	-	-	-	0.3	25
4.5 - 5.4	-	1.5	2.1	*	-	-	-	-	-	-	-	-	-	-	-	3.7	331
5.5 - 6.4	-	2.2	7.0	1.9	0.1	-	-	-	-	-	-	-	-	-	-	11.2	1010
6.5 - 7.4	-	3.5	10.5	6.4	1.0	0.1	-	-	-	-	-	-	-	-	-	21.5	1937
7.5 - 8.4	-	2.6	13.0	8.7	2.5	0.4	0.2	*	-	-	-	-	-	-	-	27.4	2466
8.5 - 9.4	-	1.5	7.3	8.1	3.1	0.9	0.2	*	-	-	-	-	-	-	-	21.1	1896
9.5 - 10.4	-	0.5	2.0	3.8	2.6	0.9	0.5	0.2	-	-	-	-	-	-	-	10.4	935
10.5 - 11.4	-	0.1	0.3	0.8	1.1	0.2	0.1	0.1	*	-	-	-	-	-	-	2.8	250

11.5 - 12.4	-	-	0.1	0.1	0.4	0.3	0.1	0.1	-	-	-	-	-	-	-	1.1	101
12.5 - 13.4	-	-	0.1	-	0.1	0.1	*	-	*	*	-	-	-	-	-	0.4	35
13.5 - 14.4	-	-	*	-	*	-	-	-	-	-	-	-	-	-	-	0.0	3
TOTAL %	0.0	12.2	42.5	29.9	10.9	2.9	1.2	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	0	1097	3819	2689	982	261	104	32	4	1	0	0	0	0	0		8989

(* < 0.05%)

STATION: 46027

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

Month: DEC

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4		
< 0.5	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4		0.0	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	11
4.5 - 5.4	-	0.7	2.0	0.1	-	-	-	-	-	-	-	-	-	-	-	2.9	259
5.5 - 6.4	-	1.4	6.0	3.4	0.3	-	-	-	-	-	-	-	-	-	-	11.1	995
6.5 - 7.4	-	1.2	5.0	6.4	2.3	0.4	-	-	-	-	-	-	-	-	-	15.1	1360
7.5 - 8.4	-	1.3	5.3	8.3	5.0	1.5	0.1	*	-	-	-	-	-	-	-	21.6	1937
8.5 - 9.4	-	1.8	4.2	7.3	5.7	2.2	0.7	0.1	-	-	-	-	-	-	-	22.0	1979
9.5 - 10.4	-	1.0	3.5	3.5	4.1	1.9	0.9	0.1	*	-	-	-	-	-	-	15.1	1360
10.5 - 11.4	-	0.3	2.8	1.7	1.2	1.1	0.6	0.3	0.1	*	*	-	-	-	-	8.3	744
11.5 - 12.4	-	*	1.0	0.6	0.6	0.3	0.1	0.1	*	*	-	-	-	-	-	2.7	243
12.5 - 13.4	-	-	0.3	0.2	0.1	0.1	*	-	-	*	-	-	-	-	-	0.7	67
13.5 - 14.4	-	-	0.1	0.1	0.1	-	-	-	-	-	-	-	-	-	-	0.3	23
TOTAL %	0.0	7.9	30.1	31.7	19.3	7.5	2.6	0.6	0.2	0.1	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	0	710	2698	2845	1737	677	231	56	14	9	1	0	0	0	0		8978

(* < 0.05%)

STATION: 46027

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

All Months: Annual

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4		
< 0.5	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4		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	*	0.5	0.1	-	-	-	-	-	-	-	-	-	-	-	-	0.6	626
4.5 - 5.4	*	3.9	5.1	0.6	-	-	-	-	-	-	-	-	-	-	-	9.6	10755
5.5 - 6.4	*	6.8	11.6	5.5	0.4	-	-	-	-	-	-	-	-	-	-	24.3	27089
6.5 - 7.4	*	6.2	10.1	5.4	1.6	0.1	*	-	-	-	-	-	-	-	-	23.5	26211
7.5 - 8.4	-	2.9	8.0	5.3	2.1	0.4	0.1	*	-	-	-	-	-	-	-	18.7	20829
8.5 - 9.4	-	1.3	4.3	4.3	2.2	0.7	0.2	*	*	-	-	-	-	-	-	13.0	14482
9.5 - 10.4	-	0.4	1.7	2.0	1.4	0.6	0.2	*	*	-	-	-	-	-	-	6.4	7101
10.5 - 11.4	-	0.1	0.8	0.7	0.5	0.3	0.1	0.1	*	*	*	-	-	-	-	2.6	2946
11.5 - 12.4	-	*	0.2	0.3	0.2	0.1	0.1	*	*	*	-	-	-	-	-	0.9	1010
12.5 - 13.4	-	*	0.1	0.1	0.1	*	*	*	*	*	*	-	-	-	-	0.3	311
13.5 - 14.4	-	-	*	*	*	*	*	*	*	*	-	-	-	-	-	0.1	82
14.5 - 15.4	-	-	-	*	*	*	*	*	*	*	-	-	-	-	-	0.0	18
15.5 - 16.4	-	-	-	-	-	*	*	*	*	*	-	-	-	-	-	0.0	10
16.5 - 17.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
17.5 - 18.4	-	-	-	-	-	-	*	*	*	*	-	-	-	-	-	0.0	1
TOTAL %	0.0	21.9	42.0	24.3	8.5	2.4	0.7	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	10	24458	46808	27084	9432	2661	793	172	33	18	2	0	0	0	0		111471

(* < 0.05%)

STATION: 46027

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

Months: DEC, JAN, FEB (Winter)

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4		
< 0.5	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4		0.0	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	*	-	-	-	-	-	-	-	-	-	-	-	-	0.2	57
4.5 - 5.4	-	0.7	1.9	0.2	-	-	-	-	-	-	-	-	-	-	-	2.8	744
5.5 - 6.4	-	1.2	5.3	3.5	0.3	-	-	-	-	-	-	-	-	-	-	10.3	2779
6.5 - 7.4	-	1.6	7.1	6.9	3.0	0.3	-	-	-	-	-	-	-	-	-	18.9	5096

7.5 - 8.4	-	1.2	8.3	8.3	4.9	1.3	0.2	*	-	-	-	-	-	-	-	24.1	6499
8.5 - 9.4	-	1.1	5.2	7.5	4.8	1.9	0.5	0.1	*	-	-	-	-	-	-	21.1	5683
9.5 - 10.4	-	0.6	3.3	3.7	3.1	1.6	0.6	0.1	*	-	-	-	-	-	-	13.0	3497
10.5 - 11.4	-	0.2	2.2	1.7	1.0	0.9	0.4	0.1	*	*	*	-	-	-	-	6.5	1742
11.5 - 12.4	-	*	0.6	0.7	0.4	0.3	0.1	0.1	*	*	-	-	-	-	-	2.3	607
12.5 - 13.4	-	*	0.2	0.2	0.1	0.1	*	*	*	*	-	-	-	-	-	0.7	178
13.5 - 14.4	-	-	*	0.1	0.1	*	*	-	-	*	-	-	-	-	-	0.2	47
14.5 - 15.4	-	-	-	*	*	-	-	-	-	-	-	-	-	-	-	0.0	2
TOTAL %	0.0	6.6	34.3	32.7	17.6	6.3	1.9	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	0	1788	9244	8805	4752	1700	508	99	22	12	1	0	0	0	0		26931

(* < 0.05%)

STATION: 46027

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

Months: MAR, APR, MAY (Spring)

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4		
< 0.5	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4		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	*	0.3	0.1	-	-	-	-	-	-	-	-	-	-	-	-	0.4	133
4.5 - 5.4	-	2.5	6.6	0.9	-	-	-	-	-	-	-	-	-	-	-	10.0	3092
5.5 - 6.4	*	4.4	11.2	5.9	0.5	-	-	-	-	-	-	-	-	-	-	22.1	6825
6.5 - 7.4	*	5.1	11.3	5.8	1.6	0.1	*	-	-	-	-	-	-	-	-	23.9	7396
7.5 - 8.4	-	3.5	10.0	6.2	1.9	0.3	*	-	-	-	-	-	-	-	-	21.8	6757
8.5 - 9.4	-	1.4	4.8	4.5	2.0	0.5	0.1	-	-	-	-	-	-	-	-	13.4	4131
9.5 - 10.4	-	0.4	1.4	1.8	1.2	0.6	0.1	*	-	-	-	-	-	-	-	5.5	1707
10.5 - 11.4	-	*	0.3	0.6	0.6	0.3	0.1	*	*	-	-	-	-	-	-	1.9	600
11.5 - 12.4	-	-	0.1	0.2	0.1	0.1	0.1	*	-	-	-	-	-	-	-	0.6	184
12.5 - 13.4	-	-	*	0.1	0.1	*	*	*	-	-	-	-	-	-	-	0.2	59
13.5 - 14.4	-	-	-	*	0.1	*	-	*	-	-	-	-	-	-	-	0.1	31
14.5 - 15.4	-	-	-	-	*	*	*	-	-	-	-	-	-	-	-	0.0	15
15.5 - 16.4	-	-	-	-	-	*	*	*	-	-	-	-	-	-	-	0.0	10
16.5 - 17.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
17.5 - 18.4	-	-	-	-	-	-	*	-	-	-	-	-	-	-	-	0.0	1
TOTAL %	0.0	17.7	45.8	25.8	8.1	2.0	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	3	5473	14183	7998	2498	613	151	19	3	0	0	0	0	0	0		30941

(* < 0.05%)

STATION: 46027

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

Months: JUN, JUL, AUG (Summer)

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4		
< 0.5	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4		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	*	1.0	0.2	-	-	-	-	-	-	-	-	-	-	-	-	1.2	327
4.5 - 5.4	*	9.8	8.5	0.9	-	-	-	-	-	-	-	-	-	-	-	19.1	5116
5.5 - 6.4	*	15.3	19.8	8.6	0.6	-	-	-	-	-	-	-	-	-	-	44.3	11870
6.5 - 7.4	-	11.0	9.9	3.2	1.0	*	-	-	-	-	-	-	-	-	-	25.1	6724
7.5 - 8.4	-	2.8	3.5	1.0	0.1	-	-	-	-	-	-	-	-	-	-	7.4	1992
8.5 - 9.4	-	0.6	1.0	0.5	0.1	-	-	-	-	-	-	-	-	-	-	2.2	593
9.5 - 10.4	-	0.2	0.1	0.1	0.1	*	-	-	-	-	-	-	-	-	-	0.5	132
10.5 - 11.4	-	*	*	*	*	*	-	-	-	-	-	-	-	-	-	0.1	24
TOTAL %	0.0	40.8	43.0	14.3	1.9	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	5	10918	11508	3823	508	16	0	0	0	0	0	0	0	0	0		26778

(* < 0.05%)

STATION: 46027

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

Months: SEP, OCT, NOV (Autumn)

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4		
< 0.5	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4		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	-	0.3	0.1	-	-	-	-	-	-	-	-	-	-	-	-	0.4	109
4.5 - 5.4	-	2.9	3.4	0.4	-	-	-	-	-	-	-	-	-	-	-	6.7	1803
5.5 - 6.4	*	6.6	10.2	3.9	0.2	-	-	-	-	-	-	-	-	-	-	20.9	5615
6.5 - 7.4	-	7.4	11.8	5.8	1.0	0.1	-	-	-	-	-	-	-	-	-	26.1	6995
7.5 - 8.4	-	3.8	9.8	5.6	1.4	0.2	0.1	*	-	-	-	-	-	-	-	20.8	5581

8.5 - 9.4	-	2.0	6.3	4.8	1.6	0.4	0.1	*	-	-	-	-	-	-	-	15.2	4075
9.5 - 10.4	-	0.5	1.9	2.3	1.2	0.4	0.2	0.1	-	-	-	-	-	-	-	6.6	1765
10.5 - 11.4	-	0.1	0.5	0.7	0.5	0.1	0.1	0.1	*	-	-	-	-	-	-	2.2	580
11.5 - 12.4	-	*	0.1	0.3	0.2	0.1	0.1	*	*	*	-	-	-	-	-	0.8	219
12.5 - 13.4	-	-	0.1	0.1	0.1	*	*	-	*	*	*	-	-	-	-	0.3	74
13.5 - 14.4	-	-	*	*	*	-	-	-	-	-	-	-	-	-	-	0.0	4
14.5 - 15.4	-	-	-	-	*	-	-	-	-	-	-	-	-	-	-	0.0	1
TOTAL %	0.0	23.4	44.3	24.1	6.2	1.2	0.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	2	6279	11873	6458	1674	332	134	54	8	6	1	0	0	0	0		26821
(* < 0.05%)																	

Summary complete: 09-Sep-2003 07:40:10