















4	176	18	109	10	39	4	115	11	50	4	83	8	48	4	94	9	110	10	172	16	239	24	244	27	1479	12
3	40	3	8	1	5	*	31	2	6	*	12	1	1	*	21	2	9	1	31	2	63	5	104	8	331	2
2	1	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	*	4	*
1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	*
0	-	-	-	-	-	-	1	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	*
MEAN	12.6	12.4	12.3	11.0	10.8	11.2	11.6	11.3	11.5	11.8	11.7	11.8	11.6													
S.D.	3.5	3.5	3.4	3.9	4.2	4.2	4.1	4.2	4.0	3.8	3.6	3.8	3.9													
TOTAL	12245	11553	12204	13157	13770	12656	12211	12323	11538	12440	12536	12925	149558													
MAX	25.0	25.0	25.0	25.0	25.0	20.0	20.0	25.0	25.0	25.0	25.0	25.0														
DATE	2001011910	2000021419	2000032616	1998043023	2001051816	2000062822	2000073119	1987082307	1990091000	1999102823	1989110411	1999120603	2001051816													
MIN	2.3	2.9	2.9	0.0	2.7	2.6	3.4	2.6	2.6	2.7	2.5	2.3	0.0													
DATE	1983010104	1999020921	1987030108	1999042110	1990050422	1982061102	1985070915	1982082917	1982092123	1982103023	1982110505	1983122411	1999042110													

(\* < 0.05% , # = 100.0%)

ELEMENT SUMMARY FOR STATION: 46025

- (A) TOTAL STD MET RECORDS READ = 159914
- (B) TOTAL C WIND RECORDS READ = 216564
- (C) TOTAL RECORDS USED IN STATS = 376478

	AIR TMP	SEA TMP	AIR-SEA	DEWP	SLP	AVWS	PKGS-8M	PKGS-5S	SIGWVHT	AVWVPD	DWVPD	VSBY
(D) ELEMENT RECORDS AVAILABLE	157954	156442	156275	12381	158044	158649	157576	35235	149630	149604	149558	0
(E) ELEMENT OUT OF RANGE	1960	3472	3639	147533	1870	1265	2338	181329	10284	10310	10356	159914

STATION: 46025 -- POR (4/1982 - 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
1982	MEAN	-	-	-	15.5	15.3	15.9	17.2	18.2	19.0	19.0	16.8	15.0	17.0
	MAXIMUM	-	-	-	21.4	18.4	18.6	21.0	22.4	22.5	23.0	22.5	18.1	23.0
	DAY-HR	-	-	-	22-00	16-19	27-19	22-21	05-21	04-00	09-09	03-00	09-15	OCT
	MINIMUM	-	-	-	12.5	13.1	14.0	14.4	15.5	16.1	14.3	12.1	11.2	11.2
	DAY-HR	-	-	-	21-07	10-09	08-08	08-12	17-14	06-10	30-22	10-11	01-09	DEC
	# OBS	-	-	-	244	733	719	743	743	719	742	719	742	6104
1983	MEAN	15.5	15.1	14.8	14.2	15.3	16.5	18.5	20.3	20.2	20.1	17.4	15.3	17.0
	MAXIMUM	22.4	18.7	17.4	17.6	18.6	19.4	21.5	23.7	23.5	24.6	21.6	19.3	24.6
	DAY-HR	11-01	20-21	09-22	01-22	18-20	19-20	21-01	15-22	11-20	26-22	03-22	14-23	OCT
	MINIMUM	11.9	9.4	11.7	10.7	13.3	14.2	16.5	16.1	17.1	17.7	12.3	13.2	9.4
	DAY-HR	06-09	02-22	24-18	12-12	01-09	14-13	13-16	04-14	30-13	21-08	25-05	21-20	FEB
	# OBS	735	669	744	710	739	706	744	741	709	735	718	636	8586
1984	MEAN	15.8	14.9	15.5	14.6	16.0	16.4	19.0	20.2	21.4	17.9	15.1	13.6	16.8
	MAXIMUM	20.2	17.5	18.4	18.9	18.7	19.5	22.8	23.5	24.3	21.3	18.2	16.4	24.3
	DAY-HR	29-00	20-00	24-00	13-23	26-01	30-21	27-02	31-02	08-21	13-20	19-22	07-20	SEP
	MINIMUM	12.3	12.3	12.9	11.7	13.1	13.7	15.4	16.7	19.1	14.6	11.3	9.6	9.6
	DAY-HR	16-21	17-15	31-14	26-11	15-17	23-13	02-12	08-11	24-06	27-14	22-19	18-16	DEC
	# OBS	741	460	260	718	741	719	743	742	716	742	715	743	8040
1985	MEAN	13.6	13.0	12.7	13.5	13.8	15.6	18.1	18.4	18.7	18.2	15.1	13.7	15.5
	MAXIMUM	18.0	18.6	16.4	23.3	16.6	20.6	22.7	22.4	21.9	25.0	21.1	16.2	25.0
	DAY-HR	04-23	14-22	23-22	02-00	30-22	30-20	03-01	31-18	26-00	15-23	02-22	08-00	OCT
	MINIMUM	10.5	10.4	9.0	10.4	10.9	12.7	15.9	14.6	16.5	15.2	11.0	9.8	9.0
	DAY-HR	28-21	01-15	02-22	09-16	15-09	06-07	08-05	03-10	03-16	21-10	12-13	11-06	MAR
	# OBS	743	671	738	714	744	718	740	741	718	741	720	376	8364
1986	MEAN	15.4	14.4	14.5	14.8	14.8	16.5	17.8	17.6	17.6	18.1	17.9	16.3	16.4
	MAXIMUM	19.3	23.9	18.4	21.6	18.4	20.1	21.0	22.4	20.3	24.8	23.9	19.5	24.8
	DAY-HR	26-22	24-02	29-22	19-21	25-21	29-22	18-20	20-01	17-21	04-22	01-22	02-21	OCT
	MINIMUM	12.8	9.4	10.0	12.4	12.4	13.5	14.4	14.8	15.4	15.6	15.0	13.1	9.4
	DAY-HR	30-06	08-08	14-04	12-15	12-10	23-12	01-14	01-15	23-14	07-13	05-11	06-09	FEB
	# OBS	215	667	738	717	740	717	743	742	718	736	700	740	8173
1987	MEAN	14.0	14.5	13.9	14.9	16.1	16.1	17.4	18.4	-	18.3	16.7	13.1	15.7
	MAXIMUM	17.5	21.8	17.6	25.1	20.1	19.5	20.4	21.4	-	24.3	21.1	18.5	25.1
	DAY-HR	11-20	06-23	04-23	21-19	04-18	22-20	10-22	05-21	-	04-19	11-21	12-06	APR
	MINIMUM	8.4	7.6	9.8	12.0	13.4	14.1	15.4	16.5	-	14.4	14.0	8.2	7.6
	DAY-HR	16-15	24-07	21-18	17-10	20-17	10-14	14-14	14-14	-	31-16	28-13	24-18	FEB
	# OBS	734	666	742	718	744	719	742	626	-	742	718	743	7894
1988	MEAN	13.6	14.7	15.2	15.0	15.0	15.4	18.1	18.5	17.8	17.4	15.5	14.0	15.9
	MAXIMUM	18.3	24.0	24.7	18.6	18.3	20.5	21.2	21.0	24.9	22.8	21.2	20.6	24.9
	DAY-HR	27-09	11-22	26-19	06-19	12-02	28-02	30-19	25-23	04-22	10-01	29-20	01-11	SEP
	MINIMUM	10.5	9.1	12.0	11.2	12.1	12.0	14.6	15.2	15.8	15.2	10.8	8.9	8.9
	DAY-HR	05-21	02-13	09-08	21-13	06-13	14-13	02-08	18-06	28-18	02-23	25-17	28-04	DEC
	# OBS	737	693	741	717	739	719	743	739	717	743	717	742	8747









MINIMUM	11.8	11.8	12.2	11.5	12.8	13.3	16.0	16.4	16.0	15.2	12.8	12.4	11.5
YEAR	1989	2001	2001	1999	1991	1988	1991	1986	1999	1996	1994	1987	APR/1999
# OBS	12988	11769	12520	13342	14348	13345	13107	12607	11830	13434	13445	13707	156442

STATION: 46025 -- POR (5/1999 - 10/2000)

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	-	-	-	-	10.9	11.8	14.4	14.6	14.0	15.2	12.9	9.3	13.1
	MAXIMUM	-	-	-	-	13.3	15.1	17.1	17.9	19.5	19.1	18.5	15.0	19.5
	DAY-HR	-	-	-	-	28-21	14-21	10-19	29-01	30-22	09-22	01-20	21-21	SEP
	MINIMUM	-	-	-	-	8.5	4.0	12.3	11.6	10.3	6.5	-0.7	-7.9	-7.9
	DAY-HR	-	-	-	-	31-00	03-17	30-09	18-19	19-13	07-19	22-18	23-00	DEC
	# OBS	-	-	-	-	119	720	741	740	717	718	680	741	5176
2000	MEAN	12.0	11.0	9.9	12.1	13.6	15.2	15.5	16.8	16.3	14.0	-	-	13.7
	MAXIMUM	15.9	14.9	14.4	17.9	18.9	18.9	18.9	21.0	20.5	18.3	-	-	21.0
	DAY-HR	19-02	14-22	19-03	26-20	29-03	29-01	27-20	16-23	13-23	23-20	-	-	AUG
	MINIMUM	-0.8	2.9	-1.1	3.3	4.8	10.7	11.9	12.5	12.1	8.3	-	-	-1.1
	DAY-HR	06-14	24-19	21-11	01-14	11-20	11-07	11-21	30-15	12-08	31-23	-	-	MAR
	# OBS	720	688	742	681	728	710	741	743	719	733	-	-	7205
POR	MEAN	12.0	11.0	9.9	12.1	13.3	13.5	15.0	15.7	15.1	14.6	12.9	9.3	13.4
	MAXIMUM	15.9	14.9	14.4	17.9	18.9	18.9	18.9	21.0	20.5	19.1	18.5	15.0	21.0
	YEAR	2000	2000	2000	2000	2000	2000	2000	2000	2000	1999	1999	1999	AUG/2000
	MINIMUM	-0.8	2.9	-1.1	3.3	4.8	4.0	11.9	11.6	10.3	6.5	-0.7	-7.9	-7.9
	YEAR	2000	2000	2000	2000	2000	1999	2000	1999	1999	1999	1999	1999	DEC/1999
	# OBS	720	688	742	681	847	1430	1482	1483	1436	1451	680	741	12381

STATION: 46025 -- POR (4/1982 - 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
1982	MEAN	-	-	-	1016.0	1013.8	1013.9	1014.0	1014.1	1011.7	1015.2	1015.2	1017.0	1014.4
	MAXIMUM	-	-	-	1018.9	1021.3	1017.7	1018.6	1018.0	1016.9	1021.4	1023.9	1026.2	1026.2
	DAY-HR	-	-	-	21-20	06-18	23-21	28-16	13-19	17-19	27-18	11-19	16-07	DEC
	MINIMUM	-	-	-	1011.8	1008.5	1009.8	1009.1	1009.7	1005.6	1009.6	1000.5	1002.9	1000.5
	DAY-HR	-	-	-	30-00	26-13	30-02	15-03	11-02	29-23	05-02	30-16	01-00	NOV
	# OBS	-	-	-	244	736	719	743	743	719	742	720	742	6108
1983	MEAN	1016.7	1015.4	1013.6	1014.6	1014.3	1012.9	1013.0	1013.6	1011.3	1014.1	1016.0	1018.0	1014.4
	MAXIMUM	1026.6	1021.9	1022.9	1020.9	1023.3	1017.8	1018.1	1018.5	1018.0	1019.7	1023.7	1026.3	1026.6
	DAY-HR	01-18	13-18	27-19	09-21	02-19	28-06	28-19	21-19	25-18	30-19	27-18	29-18	JAN
	MINIMUM	1002.9	1001.3	992.7	1005.1	1006.4	1006.6	1009.1	1009.2	1005.9	1007.2	1005.9	1005.8	992.7
	DAY-HR	29-05	02-22	03-11	20-12	31-11	01-01	17-02	15-00	30-12	14-01	21-14	01-13	MAR
	# OBS	736	669	744	710	739	707	744	741	712	735	718	636	8591
1984	MEAN	1019.1	1018.5	1012.4	1014.0	1012.7	1012.2	1011.6	1012.2	1009.5	1013.8	1017.4	1015.0	1014.0
	MAXIMUM	1025.1	1022.9	1017.5	1022.9	1017.9	1017.3	1018.4	1016.5	1016.1	1021.0	1026.6	1024.0	1026.6
	DAY-HR	18-18	17-19	23-19	29-19	01-19	24-18	24-19	29-17	27-17	18-18	27-18	29-18	NOV
	MINIMUM	1010.4	1014.6	1005.2	1004.2	1007.0	1006.1	1005.6	1007.4	1001.3	1005.9	1011.3	1003.4	1001.3
	DAY-HR	14-01	02-00	30-02	06-12	05-03	10-03	06-02	09-03	22-01	15-02	25-00	13-23	SEP
	# OBS	741	461	260	718	740	719	743	742	716	742	715	743	8040
1985	MEAN	1019.1	1017.2	1017.6	1014.5	1014.1	1012.9	1012.7	1013.3	1013.3	1013.3	1015.2	1019.2	1015.0
	MAXIMUM	1026.6	1025.1	1025.5	1020.8	1019.3	1017.4	1017.6	1017.2	1018.6	1019.8	1025.2	1026.5	1026.6
	DAY-HR	02-18	10-19	30-19	29-19	08-17	01-20	10-20	27-18	08-18	19-18	19-18	13-19	JAN
	MINIMUM	1013.7	1005.2	1011.4	1004.1	1009.9	1008.5	1007.4	1006.9	1007.8	1006.4	1003.2	1011.1	1003.2
	DAY-HR	28-23	21-00	03-03	26-02	19-02	10-11	04-03	25-02	18-12	09-23	29-21	11-00	NOV
	# OBS	743	671	738	714	744	718	740	741	718	741	720	376	8364
1986	MEAN	1015.8	1017.2	1016.8	1015.7	1013.4	1013.4	1015.5	1013.1	1013.9	1015.0	1017.0	1018.3	1015.4
	MAXIMUM	1022.1	1024.8	1025.6	1024.2	1018.8	1017.6	1021.2	1017.3	1019.4	1022.0	1024.2	1025.8	1025.8
	DAY-HR	23-19	02-18	20-19	08-19	04-19	17-19	24-20	03-19	16-19	24-19	23-18	29-18	DEC
	MINIMUM	1008.3	1008.2	1006.2	1010.0	1009.5	1009.3	1010.5	1008.9	1009.1	1005.6	1009.1	1012.8	1005.6
	DAY-HR	30-12	08-23	16-14	05-14	28-02	09-02	01-02	24-03	25-03	02-12	18-05	06-22	OCT
	# OBS	215	667	738	717	740	717	743	742	718	736	700	741	8174
1987	MEAN	1018.5	1016.0	1016.3	1015.3	1013.9	1014.5	1012.7	1013.9	-	1014.9	1016.5	1017.6	1015.5
	MAXIMUM	1027.0	1024.0	1024.1	1019.8	1018.4	1019.9	1017.9	1019.7	-	1021.8	1023.6	1025.9	1027.0







	# OBS	720	688	742	689	728	710	741	742	719	736	717	743	8675
2001	MEAN	7.6	8.9	7.2	8.7	5.0	5.0	5.7	5.3	5.3	5.5	7.8	8.5	6.7
	MAXIMUM	27.8	30.5	26.2	27.2	16.5	15.4	15.9	18.7	14.8	12.6	25.1	30.7	30.7
	DAY-HR	11-06	07-10	10-09	21-13	04-08	28-22	12-02	23-02	25-23	30-13	23-01	09-21	DEC
	MINIMUM	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0
	DAY-HR	31-19	19-04	27-10	28-16	30-07	21-09	28-12	19-13	26-19	25-12	29-01	25-17	DEC
	# OBS	741	671	739	714	744	716	744	684	719	744	717	744	8677
POR	MEAN	7.5	8.7	7.7	7.9	6.8	6.0	5.6	5.6	5.9	6.1	7.1	7.8	6.9
	MAXIMUM	33.0	36.0	32.7	36.5	37.5	25.1	19.6	19.8	22.4	32.9	30.5	36.9	37.5
	YEAR	1988	1998	1989	1999	1988	1993	1992	1992	1986	1996	1982	1987	MAY/1988
	MINIMUM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	YEAR	2001	2001	2001	2001	2001	2001	2000	2001	2001	2001	2001	2001	DEC/2001
	# OBS	13082	12139	12811	13703	14419	13327	13360	13156	11895	13509	13501	13747	158649

STATION: 46025 -- POR (4/1982 - 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
1982	MEAN	-	-	-	7.6	8.2	8.2	6.8	7.0	8.3	8.2	9.0	11.5	8.4
	MAXIMUM	-	-	-	18.9	25.1	25.7	17.5	17.5	26.0	29.5	42.2	38.1	42.2
	DAY-HR	-	-	-	26-10	10-05	01-03	20-04	09-02	28-00	24-13	30-23	08-15	NOV
	# OBS	-	-	-	244	736	717	743	742	719	742	720	740	6103
1983	MEAN	9.6	11.7	14.7	12.4	9.8	7.2	7.5	7.5	7.8	7.3	10.5	9.4	9.6
	MAXIMUM	39.1	34.6	37.1	34.6	35.8	25.7	19.8	20.8	19.4	29.2	36.7	28.8	39.1
	DAY-HR	29-05	03-00	24-13	03-23	10-23	02-02	09-02	15-00	27-05	14-01	25-05	04-01	JAN
	# OBS	736	665	741	710	739	707	742	737	710	731	714	635	8567
1984	MEAN	7.6	9.3	9.3	12.4	9.2	8.4	7.8	7.6	7.3	9.7	9.2	9.9	9.0
	MAXIMUM	33.8	33.6	36.0	36.5	32.1	23.5	21.8	22.4	27.2	26.2	27.0	38.5	38.5
	DAY-HR	26-21	17-02	30-02	26-00	05-03	07-07	25-04	31-06	21-02	01-06	25-09	13-06	DEC
	# OBS	740	460	260	718	741	719	743	742	716	741	715	743	8038
1985	MEAN	8.4	8.5	10.4	8.6	8.8	7.8	7.7	7.2	8.7	7.9	10.3	9.9	8.6
	MAXIMUM	32.1	34.8	36.2	29.5	23.9	26.4	20.6	21.4	29.7	22.4	31.1	29.5	36.2
	DAY-HR	12-21	21-20	02-15	21-01	10-11	03-06	30-05	01-02	03-01	06-01	29-22	09-00	MAR
	# OBS	743	671	738	714	744	718	739	741	718	741	720	376	8363
1986	MEAN	8.3	12.0	9.1	9.0	8.4	7.0	7.2	6.6	8.7	7.3	7.9	7.4	8.2
	MAXIMUM	30.7	35.8	33.8	32.9	37.5	17.3	22.7	18.3	28.4	21.4	30.5	22.7	37.5
	DAY-HR	30-04	04-07	11-13	17-02	07-04	28-01	26-03	30-03	24-05	18-04	17-22	07-04	MAY
	# OBS	215	667	738	717	740	717	743	742	718	736	700	741	8174
1987	MEAN	10.0	11.6	11.6	7.0	8.4	7.3	6.9	7.1	-	8.2	8.2	12.4	9.0
	MAXIMUM	29.7	36.5	36.7	29.5	35.4	20.8	18.5	19.2	-	35.0	31.1	47.0	47.0
	DAY-HR	05-22	20-15	22-12	03-18	26-02	04-23	21-05	23-03	-	01-02	14-11	16-20	DEC
	# OBS	734	666	742	718	744	719	743	634	-	741	718	743	7902
1988	MEAN	9.7	9.8	9.7	10.2	11.2	7.6	7.0	7.8	7.5	7.2	9.7	11.9	9.1
	MAXIMUM	46.1	34.4	36.2	45.3	47.8	23.1	19.4	21.6	16.7	19.8	36.9	37.5	47.8
	DAY-HR	18-09	17-10	02-07	30-23	01-00	05-10	22-23	06-01	14-00	14-23	18-02	08-06	MAY
	# OBS	737	693	741	717	739	719	743	739	717	743	715	743	8746
1989	MEAN	10.6	12.2	9.7	9.7	9.4	-	-	-	-	8.2	7.6	7.5	9.4
	MAXIMUM	41.0	37.7	43.0	32.7	33.2	-	-	-	-	30.3	25.5	23.3	43.0
	DAY-HR	12-12	08-12	03-13	22-02	11-02	-	-	-	-	25-17	28-16	11-15	MAR
	# OBS	744	672	734	719	509	-	-	-	-	431	719	739	5267
1990	MEAN	9.7	10.8	9.7	9.0	10.1	8.3	7.5	8.0	7.4	7.1	10.6	10.0	9.1
	MAXIMUM	29.9	39.7	30.7	36.7	30.1	24.5	20.0	27.2	17.3	18.1	37.1	37.9	39.7
	DAY-HR	31-07	14-03	05-17	24-06	28-22	01-00	06-00	06-14	25-02	06-09	26-11	20-01	FEB
	# OBS	743	671	741	715	743	713	739	742	508	677	719	744	8455
1991	MEAN	8.9	9.0	11.0	9.2	10.0	6.9	6.9	7.1	6.7	8.7	8.6	8.8	8.3
	MAXIMUM	34.4	29.5	29.9	33.4	38.9	17.9	15.6	17.7	15.2	33.0	34.0	34.6	38.9
	DAY-HR	16-16	18-02	01-12	26-11	18-04	27-04	29-11	16-06	20-23	27-08	30-02	19-14	MAY
	# OBS	743	408	220	716	743	720	741	739	717	741	714	738	7940
1992	MEAN	8.6	11.1	9.1	7.3	6.9	8.3	6.9	7.8	7.8	7.8	9.4	11.2	8.5
	MAXIMUM	30.9	32.1	30.9	24.5	21.2	23.9	23.7	23.7	24.3	26.0	34.0	33.2	34.0
	DAY-HR	07-23	07-00	02-10	22-06	20-04	13-00	01-04	30-04	04-02	31-03	20-02	12-08	NOV
	# OBS	740	687	739	719	741	717	741	738	716	737	705	733	8713
1993	MEAN	11.6	11.8	9.3	9.5	9.6	8.4	8.3	7.5	7.1	7.2	8.2	8.8	8.9
	MAXIMUM	34.4	34.0	35.0	30.9	26.6	29.4	16.5	16.5	16.3	20.2	29.5	26.4	35.0



	DAY-HR	06-11	08-06	27-02	06-03	08-04	06-03	21-03	31-23	22-02	27-04	14-17	15-15	MAR
	# OBS	729	638	727	716	738	717	738	733	717	742	573	420	8188
1994	MEAN	7.9	11.5	8.6	9.7	7.5	7.1	7.7	6.9	8.2	8.8	11.0	7.9	8.6
	MAXIMUM	27.0	31.9	35.6	31.1	25.3	19.4	18.3	14.6	23.5	30.3	33.8	29.9	35.6
	DAY-HR	25-12	04-14	23-03	10-02	17-01	01-04	23-02	20-13	13-02	13-11	26-19	08-15	MAR
	# OBS	603	610	648	671	692	629	619	590	574	519	490	381	7026
1995	MEAN	12.7	7.2	9.9	11.4	9.1	8.0	7.5	7.7	7.4	6.8	6.3	11.1	8.6
	MAXIMUM	35.0	19.4	32.5	36.9	31.3	30.1	19.1	17.7	18.1	23.5	31.7	36.5	36.9
	DAY-HR	25-07	21-19	11-05	19-04	06-01	16-08	28-04	10-01	13-11	16-03	27-17	23-14	APR
	# OBS	467	568	594	578	591	516	599	742	716	738	712	738	7559
1996	MEAN	9.8	10.5	9.6	9.7	9.3	7.9	7.1	7.3	8.0	9.8	9.2	8.8	8.9
	MAXIMUM	36.4	29.5	34.2	27.8	33.2	21.2	18.7	17.9	21.6	41.4	36.2	31.9	41.4
	DAY-HR	17-11	27-03	23-13	20-09	22-01	26-00	07-02	24-22	13-03	26-02	29-04	22-16	OCT
	# OBS	733	679	732	732	733	701	822	784	714	729	687	737	8783
1997	MEAN	10.3	11.2	7.2	11.4	7.5	8.8	7.5	-	-	-	9.0	14.5	10.0
	MAXIMUM	32.3	40.6	17.7	40.4	26.4	27.2	15.9	-	-	-	37.1	35.4	40.6
	DAY-HR	06-15	18-00	06-08	24-05	25-07	13-14	04-15	-	-	-	26-21	06-18	FEB
	# OBS	728	647	737	711	734	715	143	-	-	-	255	749	5419
1998	MEAN	10.7	17.0	11.5	11.9	9.4	8.9	7.6	7.5	8.2	7.9	10.2	11.6	10.1
	MAXIMUM	29.4	44.3	39.1	37.5	28.2	26.8	17.9	18.1	20.2	22.2	31.3	38.7	44.3
	DAY-HR	05-02	03-12	28-14	12-12	26-12	03-08	26-03	05-00	24-03	25-03	28-13	06-15	FEB
	# OBS	683	643	661	674	709	669	723	771	702	714	701	740	8390
1999	MEAN	8.9	10.5	9.8	12.1	8.2	8.2	7.2	7.6	7.1	8.1	8.5	8.1	8.7
	MAXIMUM	30.9	39.7	36.0	44.1	35.4	25.3	17.1	18.3	19.8	25.5	31.1	31.7	44.1
	DAY-HR	21-17	10-04	31-23	04-04	03-19	04-03	27-02	07-01	11-04	06-12	21-23	08-04	APR
	# OBS	740	660	720	718	740	720	739	726	715	719	680	743	8620
2000	MEAN	8.1	10.9	8.9	8.8	8.5	7.8	7.5	6.9	7.9	8.7	9.4	6.6	8.3
	MAXIMUM	29.9	28.8	31.5	28.0	27.8	22.7	18.3	18.5	19.6	29.0	30.1	30.5	31.5
	DAY-HR	02-10	24-05	05-23	17-17	11-05	08-04	14-00	11-01	22-16	31-03	10-05	12-21	MAR
	# OBS	720	688	742	689	728	708	741	742	719	733	718	742	8670
2001	MEAN	9.7	11.0	9.1	10.8	6.7	6.8	7.5	6.9	7.0	7.3	9.9	10.6	8.6
	MAXIMUM	33.8	39.1	32.5	36.4	18.9	17.7	18.9	21.6	17.1	15.4	31.5	37.5	39.1
	DAY-HR	11-06	07-10	10-09	21-13	04-08	28-22	09-01	23-02	12-04	11-00	23-01	09-21	FEB
	# OBS	741	671	737	711	740	713	744	677	714	744	717	744	8653
POR	MEAN	9.5	11.0	9.9	9.9	8.8	7.8	7.4	7.3	7.7	8.0	9.1	10.0	8.9
	MAXIMUM	46.1	44.3	43.0	45.3	47.8	30.1	23.7	27.2	29.7	41.4	42.2	47.0	47.8
	YEAR	1988	1998	1989	1988	1988	1995	1992	1990	1985	1996	1982	1987	MAY/1988
	# OBS	13019	12064	12692	13607	14324	13254	13285	13061	11810	13399	13392	13669	157576

STATION: 46025 -- POR (11/1997 - 12/2001)

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

ELEMENT: HOURLY PEAK WIND GUST (KNOTS)

YEAR	ELEMENT	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1997	MEAN	-	-	-	-	-	-	-	-	-	-	10.7	16.3	14.9
	MAXIMUM	-	-	-	-	-	-	-	-	-	-	37.1	40.0	40.0
	DAY-HR	-	-	-	-	-	-	-	-	-	-	26-20	06-07	DEC
	MINIMUM	-	-	-	-	-	-	-	-	-	-	2.7	2.3	2.3
	DAY-HR	-	-	-	-	-	-	-	-	-	-	22-01	16-13	DEC
	# OBS	-	-	-	-	-	-	-	-	-	-	256	749	1005
1998	MEAN	12.3	19.0	13.2	13.5	10.8	10.2	8.8	8.8	9.5	9.3	13.0	16.0	12.0
	MAXIMUM	32.1	47.0	40.4	40.8	29.0	27.4	18.5	18.1	20.4	23.7	33.2	39.7	47.0
	DAY-HR	05-02	03-10	28-17	12-11	26-12	03-07	26-01	05-00	04-07	25-06	28-12	06-14	FEB
	MINIMUM	2.1	1.9	1.7	1.7	1.7	1.6	1.9	2.1	2.1	1.7	2.3	1.0	1.0
	DAY-HR	25-04	28-15	11-18	27-13	31-07	18-05	31-15	31-18	08-12	09-08	01-08	03-11	DEC
	# OBS	677	630	646	676	709	671	724	766	695	712	702	738	8346
1999	MEAN	15.2	15.6	15.2	16.2	12.6	9.5	8.5	9.0	8.4	9.3	9.9	9.6	11.6
	MAXIMUM	31.7	41.6	40.4	45.1	36.0	25.5	17.7	19.1	20.6	26.6	32.5	34.4	45.1
	DAY-HR	21-21	10-02	15-13	04-04	03-18	04-12	27-02	07-01	09-23	06-09	22-11	08-03	APR
	MINIMUM	2.5	3.5	3.3	1.9	2.1	1.9	2.5	1.9	1.2	2.3	1.4	1.2	1.2
	DAY-HR	02-16	13-21	20-15	24-06	16-09	26-08	05-13	15-18	28-06	31-18	24-13	14-17	DEC
	# OBS	764	660	720	718	740	720	739	726	715	718	681	743	8644
2000	MEAN	9.5	12.3	10.5	10.2	9.8	9.0	9.0	8.2	9.1	10.1	10.9	7.9	9.7
	MAXIMUM	32.3	30.3	32.7	29.4	29.5	23.7	18.7	22.9	19.4	29.0	30.7	30.9	32.7
	DAY-HR	02-09	21-17	06-08	17-17	11-05	08-04	13-23	03-03	22-15	31-04	10-05	12-21	MAR
	MINIMUM	1.4	2.3	1.4	1.7	0.8	2.1	1.6	1.7	1.6	1.6	2.3	1.4	0.8

	DAY-HR	28-09	01-19	17-17	24-09	22-17	12-18	26-11	16-05	06-10	14-14	24-13	29-01	MAY
	# OBS	720	688	742	689	728	697	712	737	719	719	706	738	8595
2001	MEAN	11.2	12.6	10.6	12.2	7.9	8.1	8.7	8.3	8.3	8.6	11.4	12.2	10.0
	MAXIMUM	37.3	39.1	34.6	36.2	19.1	20.2	19.8	21.6	19.6	19.8	32.7	39.5	39.5
	DAY-HR	11-06	13-11	10-06	21-12	04-07	26-02	12-01	23-02	25-23	01-05	13-00	09-21	DEC
	MINIMUM	0.8	0.8	2.3	1.6	1.2	1.2	1.4	2.1	1.9	1.9	1.0	1.4	0.8
	DAY-HR	14-12	09-04	27-13	03-11	30-06	21-08	05-08	19-08	29-19	21-15	19-13	02-14	FEB
	# OBS	740	671	730	712	738	716	743	678	714	743	717	743	8645
POR	MEAN	12.1	14.8	12.3	13.1	10.3	9.2	8.7	8.6	8.8	9.3	11.3	12.4	10.9
	MAXIMUM	37.3	47.0	40.4	45.1	36.0	27.4	19.8	22.9	20.6	29.0	37.1	40.0	47.0
	YEAR	2001	1998	1999	1999	1999	1998	2001	2000	1999	2000	1997	1997	FEB/1998
	MINIMUM	0.8	0.8	1.4	1.6	0.8	1.2	1.4	1.7	1.2	1.6	1.0	1.0	0.8
	YEAR	2001	2001	2000	2001	2000	2001	2001	2000	1999	2000	2001	1998	FEB/2001
	# OBS	2901	2649	2838	2795	2915	2804	2918	2907	2843	2892	3062	3711	35235

STATION: 46025 -- POR (4/1982 - 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
1982	MEAN	-	-	-	0.9	1.0	1.2	-	0.9	1.1	1.0	1.0	1.5	1.1
	MAXIMUM	-	-	-	1.8	2.3	2.8	-	1.6	3.2	2.5	4.3	4.4	4.4
	DAY-HR	-	-	-	29-18	10-06	05-05	-	30-06	27-02	27-04	30-21	01-05	DEC
	# OBS	-	-	-	244	622	460	-	291	718	742	718	742	4537
1983	MEAN	1.7	2.1	2.4	1.4	1.3	1.2	1.1	0.9	0.9	0.9	1.5	1.4	1.4
	MAXIMUM	5.3	4.1	6.8	3.8	3.7	2.5	2.2	1.5	2.0	3.3	3.3	4.0	6.8
	DAY-HR	27-12	14-02	02-01	04-02	11-00	01-08	08-06	14-04	04-05	14-02	21-14	10-17	MAR
	# OBS	734	668	737	709	732	701	733	735	699	716	700	632	8496
1984	MEAN	1.1	1.3	1.6	1.8	1.5	1.2	0.9	1.0	1.0	1.4	1.5	1.2	1.3
	MAXIMUM	2.7	3.4	4.0	3.9	3.6	2.4	1.8	2.6	3.1	2.6	2.7	3.6	4.0
	DAY-HR	06-20	17-02	30-03	26-06	15-07	08-23	01-05	31-07	21-02	18-02	04-21	13-06	MAR
	# OBS	731	438	260	718	739	717	735	740	715	741	715	743	7992
1985	MEAN	1.4	1.0	1.5	1.2	1.2	1.1	1.1	1.0	1.1	1.1	1.3	1.8	1.2
	MAXIMUM	3.0	2.5	3.6	3.4	2.0	2.3	2.1	1.9	2.4	2.0	3.1	4.5	4.5
	DAY-HR	09-00	09-22	02-21	26-03	19-05	03-08	30-06	28-21	03-05	31-16	25-12	03-11	DEC
	# OBS	742	669	735	710	742	717	735	738	716	738	718	375	8335
1986	MEAN	1.2	2.0	1.3	0.9	1.1	1.0	0.9	0.8	0.9	1.0	0.8	1.0	1.1
	MAXIMUM	2.2	6.3	3.9	2.3	3.1	1.9	1.4	1.6	1.7	1.9	1.9	2.0	6.3
	DAY-HR	30-11	16-04	11-15	17-05	06-23	20-12	26-06	29-05	24-05	18-04	23-02	19-21	FEB
	# OBS	215	666	738	717	736	715	743	742	717	735	699	654	8077
1987	MEAN	1.3	1.3	1.4	1.1	1.1	1.0	0.9	1.0	-	0.8	1.3	1.6	1.2
	MAXIMUM	2.8	2.9	3.1	2.5	3.0	1.7	1.4	1.7	-	1.5	2.7	7.2	7.2
	DAY-HR	05-22	24-00	16-04	03-16	26-04	24-14	26-08	23-07	-	08-04	14-12	16-20	DEC
	# OBS	734	666	742	715	743	717	741	564	-	741	715	741	7819
1988	MEAN	1.5	1.1	1.3	1.2	1.4	1.1	0.8	0.8	0.8	0.7	1.1	1.1	1.1
	MAXIMUM	8.0	2.3	3.1	3.6	4.3	2.4	1.3	1.6	1.4	1.4	2.5	2.2	8.0
	DAY-HR	18-03	17-17	02-08	30-23	01-00	05-10	01-06	15-05	12-20	11-11	24-18	09-13	JAN
	# OBS	737	691	740	714	738	719	742	735	716	740	717	740	8729
1989	MEAN	1.1	1.1	1.2	1.1	1.3	-	-	-	-	1.0	0.9	1.0	1.1
	MAXIMUM	2.8	2.2	2.9	2.4	2.7	-	-	-	-	3.1	1.7	2.4	3.1
	DAY-HR	06-11	05-07	26-10	03-02	11-08	-	-	-	-	26-01	28-17	04-02	OCT
	# OBS	742	671	731	712	481	-	-	-	-	431	719	734	5221
1990	MEAN	1.3	1.4	1.3	1.2	1.2	1.2	1.1	0.9	1.0	1.0	1.0	1.0	1.1
	MAXIMUM	2.7	3.9	3.1	2.9	2.7	2.4	1.9	1.6	1.8	1.7	3.1	3.1	3.9
	DAY-HR	14-23	14-05	12-04	30-07	29-03	01-13	06-07	26-05	10-00	30-05	26-12	20-01	FEB
	# OBS	743	671	739	715	743	712	735	735	463	662	716	743	8377
1991	MEAN	1.0	1.3	2.3	1.2	1.4	0.9	0.8	0.9	0.8	1.0	1.2	1.2	1.1
	MAXIMUM	2.7	3.0	4.7	3.0	3.4	1.7	1.5	1.6	1.4	2.7	3.3	3.1	4.7
	DAY-HR	16-03	18-02	01-13	11-02	18-07	24-08	29-17	10-23	01-04	27-16	15-02	29-00	MAR
	# OBS	742	409	176	691	741	718	740	737	716	739	713	736	7858
1992	MEAN	1.4	1.5	1.3	1.1	1.0	1.0	1.0	0.9	1.0	1.1	1.1	1.2	1.1
	MAXIMUM	3.1	3.3	2.7	2.4	2.0	2.4	2.2	1.9	2.0	2.2	2.3	3.1	3.3
	DAY-HR	30-04	11-06	02-17	18-15	21-08	16-05	20-07	23-07	04-08	31-12	20-03	08-16	FEB
	# OBS	740	687	738	716	739	716	740	732	711	731	676	715	8641
1993	MEAN	1.4	1.7	1.4	1.5	1.3	1.1	1.1	1.0	1.0	1.2	-	-	1.3

	MAXIMUM	4.2	3.5	3.1	2.7	2.8	2.3	1.6	1.6	1.7	1.5	-	-	4.2
	DAY-HR	14-19	10-02	27-04	06-03	08-06	06-03	22-04	06-06	13-01	01-10	-	-	JAN
	# OBS	721	628	718	710	728	701	714	704	691	36	-	-	6351
1994	MEAN	-	1.2	1.2	1.3	1.0	1.0	0.9	1.0	0.9	1.0	1.1	1.1	1.1
	MAXIMUM	-	3.2	3.1	2.7	2.3	1.8	1.6	1.5	1.6	2.6	2.8	1.9	3.2
	DAY-HR	-	18-16	23-01	25-05	17-02	06-06	04-05	29-15	13-03	14-01	18-16	22-00	FEB
	# OBS	-	319	448	518	522	477	447	421	410	324	281	213	4380
1995	MEAN	1.9	1.2	1.4	1.2	1.1	1.1	0.8	0.9	1.0	0.8	0.8	1.5	1.1
	MAXIMUM	5.6	2.9	3.5	3.5	2.5	2.3	1.5	1.6	1.7	1.7	2.3	4.0	5.6
	DAY-HR	26-14	03-16	11-07	19-04	06-01	07-02	29-14	12-13	25-03	16-05	27-18	13-17	JAN
	# OBS	345	446	388	427	402	384	499	742	716	738	711	738	6536
1996	MEAN	1.2	1.4	1.2	1.4	1.2	1.0	1.0	1.0	0.9	1.1	1.2	1.2	1.2
	MAXIMUM	2.8	2.8	3.4	2.8	2.5	1.9	2.0	1.7	1.5	3.5	2.8	2.6	3.5
	DAY-HR	22-22	18-14	13-19	13-01	24-04	22-08	25-10	25-09	14-04	26-03	16-03	22-19	OCT
	# OBS	733	674	732	732	733	674	820	783	712	729	684	735	8741
1997	MEAN	1.5	1.5	1.1	1.4	1.2	1.2	1.1	-	-	-	1.4	1.5	1.3
	MAXIMUM	3.1	3.5	1.8	3.4	2.3	2.8	1.9	-	-	-	3.5	3.9	3.9
	DAY-HR	27-04	18-00	21-13	24-04	25-04	06-04	01-03	-	-	-	27-16	06-08	DEC
	# OBS	723	647	735	705	730	711	143	-	-	-	256	749	5399
1998	MEAN	1.6	2.7	1.6	1.4	1.4	1.1	1.1	1.1	0.9	1.1	1.5	1.5	1.4
	MAXIMUM	3.8	5.3	4.0	3.8	3.3	2.0	2.0	1.9	1.6	2.3	3.0	3.2	5.3
	DAY-HR	30-23	03-17	27-01	12-13	02-16	03-10	03-07	04-22	10-04	26-03	29-07	02-00	FEB
	# OBS	672	609	653	683	708	678	728	772	689	719	693	717	8321
1999	MEAN	1.3	1.6	1.5	1.4	1.3	1.2	1.1	1.0	0.9	1.1	1.2	1.2	1.2
	MAXIMUM	2.5	2.9	2.6	3.7	3.3	2.5	1.8	1.6	1.5	2.4	2.9	2.6	3.7
	DAY-HR	21-23	22-05	31-23	29-00	04-04	04-15	25-06	31-07	22-03	29-05	22-00	10-22	APR
	# OBS	736	638	715	670	732	720	741	735	716	719	680	743	8545
2000	MEAN	1.1	1.9	1.4	1.3	1.3	1.0	1.0	1.1	0.9	1.0	1.1	1.3	1.2
	MAXIMUM	3.3	4.8	3.2	2.8	3.0	2.0	1.8	1.7	1.8	2.2	2.5	2.9	4.8
	DAY-HR	31-23	21-22	06-01	18-21	11-06	09-09	04-05	01-23	14-10	31-05	10-05	23-05	FEB
	# OBS	720	688	742	689	728	707	736	743	719	734	714	739	8659
2001	MEAN	1.7	1.4	1.4	1.3	1.0	1.0	1.0	1.0	1.0	0.9	1.2	1.4	1.2
	MAXIMUM	3.9	4.3	3.0	2.9	1.8	1.9	1.6	1.5	1.7	1.5	2.9	3.1	4.3
	DAY-HR	12-02	13-15	05-16	21-23	02-07	12-07	15-08	17-06	26-02	15-07	23-05	09-22	FEB
	# OBS	739	671	737	667	743	718	744	680	714	743	716	744	8616
POR	MEAN	1.4	1.5	1.4	1.3	1.2	1.1	1.0	1.0	1.0	1.0	1.2	1.3	1.2
	MAXIMUM	8.0	6.3	6.8	3.9	4.3	2.8	2.2	2.6	3.2	3.5	4.3	7.2	8.0
	YEAR	1988	1986	1983	1984	1988	1997	1992	1984	1982	1996	1982	1987	JAN/1988
	# OBS	12249	11556	12204	13162	13782	12662	12216	12329	11538	12458	12541	12933	149630

STATION: 46025

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	1.1	0.2	0.2	0.1	0.2	0.1	0.1	0.2	0.1	0.1	0.2	0.1	0.1	2.7	353	
1 - 3		1.6	1.7	1.7	1.8	1.5	1.3	1.3	1.5	1.9	2.4	2.8	2.2	21.6	2822	
4 - 6		1.9	1.7	2.1	2.3	1.7	1.2	0.9	0.9	1.9	3.8	5.2	4.1	27.9	3647	
7 - 10		1.3	1.0	1.8	2.1	1.2	1.0	0.6	0.7	1.1	4.1	5.8	4.5	25.3	3304	
11 - 15		0.8	0.7	0.7	0.9	0.6	0.5	0.5	0.5	0.6	2.4	3.4	2.1	13.8	1805	
16 - 20		0.4	0.5	0.4	0.5	0.2	0.2	0.1	0.1	0.2	1.2	1.6	0.7	6.2	811	
21 - 24		0.1	0.2	*	0.1	*	0.1	*	*	*	0.4	0.9	0.1	1.9	252	
25 - 33		*	*	0.1	*	*	*	*	*	*	0.1	0.3	*	0.7	88	
34 - 47		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0	
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0	
TOTAL %	1.1	6.3	6.0	6.9	8.0	5.4	4.4	3.7	3.8	5.9	14.7	20.1	13.8	100.0		
TOTAL N	138	830	780	906	1041	701	572	484	495	776	1923	2632	1804		13082	

(\* < 0.05%)

STATION: 46025

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

Month: FEB

		WIND DIRECTION														
WIND SPEED	CALM	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34	TOT %	TOT N	
0	0.6	0.1	0.1	0.1	0.1	0.1	*	0.1	0.1	0.1	0.1	0.1	0.1	1.7	202	
1 - 3		1.4	1.0	1.0	1.0	1.3	1.1	1.1	1.2	1.7	2.0	2.1	1.5	16.4	1994	
4 - 6		1.6	1.1	1.4	1.8	1.6	1.5	1.2	1.5	2.4	3.9	4.4	3.0	25.4	3081	
7 - 10		1.1	0.7	1.3	2.2	1.3	0.9	1.2	1.0	1.8	5.0	5.9	4.1	26.5	3213	
11 - 15		0.4	0.4	0.9	0.9	0.9	0.7	0.7	0.6	0.6	3.5	4.3	2.5	16.4	1993	

16 - 20	0.2	0.4	0.5	0.5	0.6	0.6	0.5	0.2	0.3	1.7	2.8	0.6	9.0	1093
21 - 24	*	0.2	0.2	0.3	0.1	0.1	*	0.1	0.1	0.6	1.1	0.2	3.1	382
25 - 33	*	0.1	0.1	*	0.1	0.1	*	*	*	0.4	0.5	0.2	1.5	178
34 - 47	-	-	-	-	*	-	-	-	-	-	-	-	0.0	3
> 48	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.6	4.9	4.0	5.5	6.8	6.0	5.0	5.0	4.6	7.0	17.1	21.1	12.2	100.0
TOTAL N	73	594	489	673	829	732	609	601	560	849	2080	2563	1487	12139

(\* < 0.05%)

STATION: 46025

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

Month: MAR

WIND SPEED	CALM	WIND DIRECTION												TOT %	TOT N
		35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
0	0.7	0.1	0.1	0.1	0.2	0.1	0.1	0.2	0.1	0.1	0.2	*	0.1	2.0	261
1 - 3		1.2	1.4	1.2	1.5	1.4	1.4	1.5	1.9	2.1	2.3	1.8	1.7	19.4	2488
4 - 6		1.6	0.9	1.1	1.8	1.8	1.5	1.6	1.8	3.0	5.1	4.6	3.5	28.4	3643
7 - 10		1.1	0.5	0.8	1.5	1.1	1.0	0.6	0.8	2.2	7.7	6.2	3.9	27.3	3491
11 - 15		0.2	0.2	0.2	0.6	0.5	0.3	0.3	0.3	0.9	4.2	3.9	1.5	13.2	1690
16 - 20		0.1	0.1	*	0.3	0.4	0.2	0.2	0.1	0.3	1.8	2.3	0.4	6.1	783
21 - 24		0.1	*	-	0.1	0.1	0.2	*	*	*	0.7	1.1	0.1	2.5	325
25 - 33		*	-	-	*	*	-	-	-	-	0.5	0.5	*	1.0	130
34 - 47		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.7	4.5	3.2	3.4	5.9	5.4	4.6	4.5	4.9	8.8	22.5	20.4	11.1	100.0	
TOTAL N	88	571	411	441	760	694	593	574	625	1129	2887	2615	1423	12811	

(\* < 0.05%)

STATION: 46025

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

Month: APR

WIND SPEED	CALM	WIND DIRECTION												TOT %	TOT N
		35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
0	0.9	0.1	0.1	0.1	0.2	0.1	0.1	0.2	0.1	0.1	0.2	0.1	0.2	2.4	330
1 - 3		1.4	1.0	1.1	1.4	1.2	1.3	1.4	1.4	2.2	2.9	2.0	1.7	18.9	2591
4 - 6		1.7	1.0	1.0	1.4	1.7	1.3	1.4	1.8	3.3	5.2	4.6	3.3	27.7	3793
7 - 10		1.4	0.5	0.4	0.8	1.0	0.8	0.7	0.7	2.6	8.3	6.0	3.7	26.8	3671
11 - 15		0.3	0.2	0.1	0.1	0.3	0.3	0.2	0.2	0.8	5.4	4.2	1.8	13.9	1910
16 - 20		0.1	*	*	-	0.1	*	0.1	*	0.1	2.5	3.2	0.4	6.6	908
21 - 24		*	*	*	-	0.1	*	-	*	*	0.9	1.5	0.1	2.6	359
25 - 33		*	-	-	-	-	-	-	-	-	0.2	0.8	-	1.0	139
34 - 47		-	-	-	-	-	-	-	-	-	*	*	-	0.0	2
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.9	5.0	2.8	2.8	3.8	4.4	3.8	4.0	4.2	9.2	25.7	22.2	11.0	100.0	
TOTAL N	122	688	383	383	527	604	525	553	580	1260	3526	3043	1509	13703	

(\* < 0.05%)

STATION: 46025

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

Month: MAY

WIND SPEED	CALM	WIND DIRECTION												TOT %	TOT N
		35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
0	0.7	0.1	0.1	0.1	0.2	0.1	0.2	0.2	0.2	0.1	0.2	0.1	0.1	2.3	337
1 - 3		1.4	1.3	1.2	1.5	1.7	1.9	1.9	2.1	2.6	2.8	2.2	1.7	22.1	3192
4 - 6		1.7	1.1	0.9	1.7	2.2	2.2	2.0	2.5	4.2	6.1	4.1	2.7	31.4	4535
7 - 10		1.4	0.6	0.4	0.9	1.5	1.0	0.6	0.9	2.7	9.9	4.9	2.9	27.8	4010
11 - 15		0.3	0.1	*	0.2	0.2	0.1	0.1	0.1	0.4	4.8	2.9	1.4	10.6	1523
16 - 20		*	-	-	-	-	-	*	*	0.1	2.0	1.6	0.2	3.9	564
21 - 24		-	-	-	-	-	-	-	-	-	0.5	0.6	0.1	1.1	164
25 - 33		-	-	-	-	-	-	-	-	-	0.3	0.3	-	0.6	91
34 - 47		-	-	-	-	-	-	-	-	-	*	-	-	0.0	3
> 48		-	-	-	-	-	-	*	-	-	-	-	-	0.0	1
TOTAL %	0.7	5.0	3.1	2.5	4.5	5.7	5.3	4.8	5.7	10.1	26.7	16.7	9.1	100.0	
TOTAL N	102	721	450	363	649	822	770	686	827	1450	3847	2415	1318	14420	

(\* < 0.05%)

STATION: 46025

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

Month: JUN

WIND SPEED	CALM	WIND DIRECTION												TOT %	TOT N
		35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
0	0.9	0.2	0.1	0.1	0.2	0.1	0.2	0.3	0.1	0.1	0.3	0.1	0.1	2.7	357

1 - 3	1.4	1.2	1.3	1.7	1.9	2.3	2.3	2.7	3.1	3.1	2.2	1.7	24.8	3311
4 - 6	2.0	1.2	0.8	1.6	2.4	2.7	2.2	2.7	4.9	7.3	4.1	2.2	33.9	4512
7 - 10	1.3	0.7	0.2	0.8	1.4	1.0	0.6	0.7	3.4	11.2	4.5	2.1	27.9	3714
11 - 15	0.2	0.1	*	0.1	0.1	0.1	-	*	0.3	5.2	1.8	0.7	8.7	1156
16 - 20	*	-	-	-	-	-	-	-	0.1	1.2	0.5	0.1	1.9	256
21 - 24	-	-	-	-	-	-	-	-	-	0.1	*	-	0.2	20
25 - 33	-	-	-	-	-	-	-	-	-	*	-	-	0.0	1
34 - 47	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.9	5.0	3.2	2.4	4.5	5.9	6.2	5.3	6.2	11.9	28.3	13.3	6.9	100.0
TOTAL N	119	667	426	324	594	784	826	704	827	1585	3777	1779	915	13327

(\* < 0.05%)

STATION: 46025

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

Month: JUL

WIND SPEED	CALM	WIND DIRECTION												TOT %	TOT N
		35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
0	0.9	0.1	*	*	0.2	0.1	0.2	0.2	0.1	0.1	0.3	0.1	0.1	2.4	326
1 - 3	1.6	1.1	1.0	1.2	1.9	2.1	2.9	3.3	3.4	3.4	2.5	1.9	26.2	3501	
4 - 6	2.0	0.9	0.5	1.0	2.3	2.3	2.7	3.2	5.6	7.8	4.2	2.9	35.5	4736	
7 - 10	1.2	0.4	0.1	0.7	1.0	0.9	0.6	0.6	3.6	13.2	4.2	2.2	28.8	3843	
11 - 15	0.1	*	*	0.1	0.1	0.1	*	*	0.2	4.6	1.2	0.4	6.9	925	
16 - 20	-	-	-	-	-	-	-	-	-	0.2	*	-	0.2	28	
21 - 24	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0	
25 - 33	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0	
34 - 47	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0	
> 48	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0	
TOTAL %	0.9	5.0	2.5	1.7	3.2	5.4	5.6	6.4	7.2	13.0	29.5	12.2	7.5	100.0	
TOTAL N	121	665	335	228	427	720	744	859	962	1738	3938	1625	997	13359	

(\* < 0.05%)

STATION: 46025

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

Month: AUG

WIND SPEED	CALM	WIND DIRECTION												TOT %	TOT N
		35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
0	0.9	0.1	0.1	0.1	0.2	0.1	0.1	0.2	0.1	0.2	0.2	0.1	0.1	2.6	343
1 - 3	1.7	1.2	0.9	1.6	1.7	2.4	2.8	2.8	3.3	3.3	3.0	2.2	27.0	3554	
4 - 6	1.9	0.9	0.5	1.1	1.9	2.2	2.1	2.5	4.9	7.6	4.8	4.0	34.4	4527	
7 - 10	1.1	0.4	0.1	0.6	1.0	0.7	0.5	0.4	2.5	12.6	6.0	3.2	29.2	3842	
11 - 15	0.1	*	-	*	0.1	0.1	*	-	0.1	3.9	1.4	0.6	6.4	846	
16 - 20	-	-	-	-	-	-	-	-	*	0.3	0.1	-	0.3	42	
21 - 24	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0	
25 - 33	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0	
34 - 47	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0	
> 48	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0	
TOTAL %	0.9	4.9	2.7	1.7	3.6	4.9	5.5	5.7	5.7	11.0	28.0	15.3	10.2	100.0	
TOTAL N	115	651	351	219	471	640	722	745	754	1449	3677	2019	1341	13154	

(\* < 0.05%)

STATION: 46025

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

Month: SEP

WIND SPEED	CALM	WIND DIRECTION												TOT %	TOT N
		35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
0	0.9	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.2	0.1	0.1	2.3	273
1 - 3	1.5	1.1	1.1	1.2	1.7	1.7	2.4	2.5	3.0	3.1	2.9	2.1	24.2	2880	
4 - 6	1.4	0.6	0.5	1.5	1.7	2.1	1.9	2.6	4.6	7.8	5.9	3.6	34.3	4080	
7 - 10	0.8	0.1	0.1	0.7	1.2	1.0	0.5	0.7	2.8	11.6	6.8	3.9	30.1	3580	
11 - 15	0.1	*	-	0.1	0.1	0.1	0.1	0.1	0.3	4.4	2.0	0.9	8.1	968	
16 - 20	-	-	-	-	-	*	-	*	0.1	0.5	0.3	*	0.9	104	
21 - 24	-	-	-	-	-	-	-	-	-	0.1	*	-	0.1	8	
25 - 33	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0	
34 - 47	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0	
> 48	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0	
TOTAL %	0.9	4.0	2.0	1.8	3.5	4.8	5.0	5.1	6.0	10.9	27.6	17.9	10.6	100.0	
TOTAL N	105	475	235	217	417	569	594	603	714	1295	3283	2130	1256	11893	

(\* < 0.05%)

STATION: 46025

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

Month: OCT

WIND SPEED	CALM	WIND DIRECTION												TOT %	TOT N
		35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
0	1.2	0.2	0.1	0.1	0.2	0.1	0.2	0.2	0.1	0.2	0.2	0.1	0.1	2.9	398
1 - 3		1.6	1.2	1.4	1.9	1.9	1.8	2.0	2.4	2.8	3.5	2.7	2.2	25.1	3390
4 - 6		1.6	1.0	1.0	1.6	1.9	1.6	1.4	2.1	3.9	7.0	5.9	4.1	33.0	4459
7 - 10		1.0	0.4	0.5	0.8	1.1	0.5	0.5	0.5	2.1	8.1	7.3	4.0	26.9	3639
11 - 15		0.1	0.1	0.1	0.2	0.2	0.1	0.1	0.2	0.4	3.0	2.8	1.5	8.9	1206
16 - 20		*	0.1	*	*	0.1	0.1	*	*	0.1	0.7	0.9	0.3	2.3	314
21 - 24		-	*	-	-	-	*	-	-	-	0.1	0.4	*	0.5	74
25 - 33		-	-	-	-	-	-	-	-	-	*	0.2	-	0.2	28
34 - 47		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48		-	-	-	-	-	-	-	-	-	-	*	-	0.0	1
TOTAL %	1.2	4.6	2.9	3.2	4.6	5.2	4.3	4.1	5.3	9.5	22.5	20.2	12.3	100.0	
TOTAL N	166	615	393	436	619	706	584	560	715	1282	3046	2728	1659		13509

(\* < 0.05%)

STATION: 46025

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	1.4	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.1	3.0	408
1 - 3		1.9	1.7	1.7	2.0	1.9	1.6	1.7	1.9	2.0	2.8	2.6	2.1	24.0	3236
4 - 6		1.9	1.5	1.9	2.0	1.6	1.6	1.2	1.2	2.2	4.5	5.0	3.6	28.0	3786
7 - 10		1.2	0.8	1.4	1.4	1.0	0.8	0.5	0.5	1.4	5.4	6.0	4.3	24.6	3317
11 - 15		0.7	0.7	0.8	0.4	0.3	0.3	0.2	0.3	0.4	2.3	3.1	2.7	12.1	1637
16 - 20		0.4	0.4	0.1	*	0.1	0.1	0.1	0.1	0.2	1.4	2.3	0.6	5.7	776
21 - 24		0.1	0.1	0.1	*	*	*	*	*	0.1	0.3	1.1	0.1	1.9	252
25 - 33		*	*	-	*	*	-	*	-	*	0.1	0.4	*	0.7	89
34 - 47		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	1.4	6.2	5.3	6.2	6.0	5.0	4.4	3.7	4.1	6.5	17.0	20.7	13.5	100.0	
TOTAL N	188	839	714	832	810	670	596	501	558	871	2296	2801	1825		13501

(\* < 0.05%)

STATION: 46025

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	1.0	0.1	0.2	0.1	0.1	0.1	0.1	0.2	0.1	0.2	0.2	0.2	0.1	2.6	353
1 - 3		1.7	1.5	1.8	2.0	1.7	1.5	1.6	1.5	1.9	2.5	2.6	2.1	22.2	3055
4 - 6		2.1	1.5	2.1	2.6	2.1	1.3	1.1	1.0	1.9	3.7	4.3	3.5	27.2	3736
7 - 10		1.2	1.0	1.8	2.3	1.5	1.0	0.6	0.4	0.9	2.8	5.3	4.1	23.0	3162
11 - 15		0.9	1.0	0.9	1.1	0.6	0.4	0.4	0.3	0.4	1.6	3.2	2.7	13.5	1851
16 - 20		0.8	0.8	0.5	0.2	0.3	0.2	0.1	0.1	0.1	0.9	2.2	0.9	7.1	976
21 - 24		0.3	0.4	0.1	0.1	0.1	*	*	0.1	*	0.3	1.3	0.4	3.1	424
25 - 33		0.1	0.2	0.2	0.1	0.1	-	*	-	*	0.1	0.6	0.1	1.4	189
34 - 47		-	-	*	-	-	-	-	-	-	-	-	-	0.0	1
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	1.0	7.1	6.6	7.7	8.5	6.5	4.5	4.0	3.5	5.3	12.0	19.6	13.8	100.0	
TOTAL N	135	977	902	1054	1167	895	617	545	485	726	1656	2695	1893		13747

(\* < 0.05%)

STATION: 46025

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

All Months: Annual

WIND SPEED	CALM	WIND DIRECTION												TOT %	TOT N
		35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
0	0.9	0.1	0.1	0.1	0.2	0.1	0.1	0.2	0.1	0.1	0.2	0.1	0.1	2.5	3941
1 - 3		1.5	1.3	1.3	1.6	1.7	1.7	1.9	2.1	2.5	2.9	2.4	1.9	22.7	36014
4 - 6		1.8	1.1	1.2	1.7	1.9	1.8	1.6	2.0	3.6	5.8	4.7	3.4	30.6	48535
7 - 10		1.2	0.6	0.8	1.2	1.2	0.9	0.6	0.6	2.3	8.3	5.7	3.6	27.0	42786
11 - 15		0.4	0.3	0.3	0.4	0.3	0.3	0.2	0.2	0.5	3.8	2.8	1.6	11.0	17510
16 - 20		0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	1.2	1.5	0.4	4.2	6655
21 - 24		0.1	0.1	*	*	*	*	*	*	*	0.3	0.7	0.1	1.4	2260
25 - 33		*	*	*	*	*	*	*	*	*	0.1	0.3	*	0.6	933
34 - 47		-	-	*	-	*	-	-	-	-	*	*	-	0.0	9
> 48		-	-	-	-	-	-	*	-	-	-	*	-	0.0	2
TOTAL %	0.9	5.2	3.7	3.8	5.2	5.4	4.9	4.7	5.1	9.1	22.7	18.3	11.0	100.0	
TOTAL N	1472	8293	5869	6076	8311	8537	7752	7415	8102	14410	35936	29045	17427		158645

(\* < 0.05%)

STATION: 46025

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

Months: DEC, JAN, FEB (Winter)

WIND SPEED	CALM	WIND DIRECTION												TOT %	TOT N	
		35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34			
0	0.9	0.1	0.2	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	2.3	908
1 - 3		1.6	1.4	1.5	1.6	1.5	1.3	1.3	1.4	1.8	2.3	2.5	1.9	20.2	7871	
4 - 6		1.9	1.4	1.9	2.2	1.8	1.3	1.1	1.1	2.1	3.8	4.6	3.6	26.9	10464	
7 - 10		1.2	0.9	1.7	2.2	1.4	1.0	0.8	0.7	1.2	3.9	5.7	4.2	24.8	9679	
11 - 15		0.7	0.7	0.8	1.0	0.7	0.6	0.5	0.5	0.5	2.5	3.6	2.4	14.5	5649	
16 - 20		0.5	0.6	0.5	0.4	0.4	0.3	0.2	0.2	0.2	1.3	2.2	0.7	7.4	2880	
21 - 24		0.1	0.3	0.1	0.1	0.1	0.1	*	0.1	0.1	0.4	1.1	0.2	2.7	1058	
25 - 33		*	0.1	0.1	*	0.1	*	*	*	*	0.2	0.5	0.1	1.2	455	
34 - 47		-	-	*	-	*	-	-	-	-	-	-	-	0.0	4	
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0	
TOTAL %	0.9	6.2	5.6	6.8	7.8	6.0	4.6	4.2	4.0	6.0	14.5	20.2	13.3	100.0		
TOTAL N	346	2401	2171	2633	3037	2328	1798	1630	1540	2351	5659	7890	5184		38968	

(\* < 0.05%)

STATION: 46025

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

Months: MAR, APR, MAY (Spring)

WIND SPEED	CALM	WIND DIRECTION												TOT %	TOT N
		35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
0	0.8	0.1	0.1	0.1	0.2	0.1	0.1	0.2	0.1	0.1	0.2	0.1	0.1	2.3	928
1 - 3		1.3	1.2	1.2	1.4	1.5	1.5	1.6	1.8	2.3	2.7	2.0	1.7	20.2	8271
4 - 6		1.7	1.0	1.0	1.7	1.9	1.7	1.7	2.0	3.6	5.5	4.4	3.1	29.2	11971
7 - 10		1.3	0.5	0.5	1.1	1.2	0.9	0.6	0.8	2.5	8.7	5.7	3.5	27.3	11172
11 - 15		0.3	0.2	0.1	0.3	0.3	0.3	0.2	0.2	0.7	4.8	3.6	1.6	12.5	5123
16 - 20		0.1	*	*	0.1	0.1	0.1	0.1	*	0.2	2.1	2.3	0.4	5.5	2255
21 - 24		*	*	*	*	0.1	0.1	*	*	*	0.7	1.0	0.1	2.1	848
25 - 33		*	-	-	*	*	-	-	-	-	0.3	0.5	*	0.9	360
34 - 47		-	-	-	-	-	-	-	-	-	*	*	-	0.0	5
> 48		-	-	-	-	-	-	*	-	-	-	-	-	0.0	1
TOTAL %	0.8	4.8	3.0	2.9	4.7	5.2	4.6	4.4	5.0	9.4	25.1	19.7	10.4	100.0	
TOTAL N	312	1980	1244	1187	1936	2120	1888	1813	2032	3839	10260	8073	4250		40934

(\* < 0.05%)

STATION: 46025

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

Months: JUN, JUL, AUG (Summer)

WIND SPEED	CALM	WIND DIRECTION												TOT %	TOT N
		35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
0	0.9	0.1	0.1	0.1	0.2	0.1	0.2	0.2	0.1	0.1	0.3	0.1	0.1	2.6	1026
1 - 3		1.6	1.2	1.1	1.5	1.8	2.2	2.7	2.9	3.3	3.3	2.6	1.9	26.0	10366
4 - 6		2.0	1.0	0.6	1.2	2.2	2.4	2.3	2.8	5.2	7.6	4.4	3.0	34.6	13775
7 - 10		1.2	0.5	0.2	0.7	1.1	0.9	0.6	0.5	3.2	12.3	4.9	2.5	28.6	11399
11 - 15		0.1	0.1	*	0.1	0.1	0.1	*	*	0.2	4.6	1.5	0.6	7.3	2927
16 - 20		*	-	-	-	-	-	-	-	*	0.6	0.2	*	0.8	326
21 - 24		-	-	-	-	-	-	-	-	-	*	*	-	0.1	20
25 - 33		-	-	-	-	-	-	-	-	-	*	-	-	0.0	1
34 - 47		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.9	5.0	2.8	1.9	3.7	5.4	5.8	5.8	6.4	12.0	28.6	13.6	8.2	100.0	
TOTAL N	355	1983	1112	771	1492	2144	2292	2308	2543	4772	11392	5423	3253		39840

(\* < 0.05%)

STATION: 46025

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

Months: SEP, OCT, NOV (Autumn)

WIND SPEED	CALM	WIND DIRECTION												TOT %	TOT N
		35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
0	1.2	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.2	0.1	0.1	2.8	1079
1 - 3		1.7	1.4	1.4	1.7	1.8	1.7	2.0	2.2	2.6	3.1	2.7	2.1	24.4	9506
4 - 6		1.6	1.0	1.2	1.7	1.7	1.8	1.5	1.9	3.6	6.3	5.6	3.8	31.7	12325
7 - 10		1.0	0.5	0.7	1.0	1.1	0.8	0.5	0.6	2.1	8.2	6.7	4.1	27.1	10536
11 - 15		0.3	0.3	0.3	0.2	0.2	0.2	0.1	0.2	0.4	3.2	2.7	1.7	9.8	3811
16 - 20		0.1	0.2	0.1	*	*	0.1	*	0.1	0.1	0.9	1.2	0.3	3.1	1194
21 - 24		*	*	*	*	*	*	*	*	*	0.1	0.5	*	0.9	334
25 - 33		*	*	-	*	*	-	*	-	*	*	0.2	*	0.3	117
34 - 47		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48		-	-	-	-	-	-	-	-	-	-	*	-	0.0	1
TOTAL %	1.2	5.0	3.4	3.8	4.7	5.0	4.6	4.3	5.1	8.9	22.2	19.7	12.2	100.0	
TOTAL N	459	1929	1342	1485	1846	1945	1774	1664	1987	3448	8625	7659	4740		38903

(\* < 0.05%)

STATION: 46025

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	*	2.2	0.6	*	*	-	-	-	-	-	-	-	-	-	-	-	2.8	344
1 - 3	0.2	16.3	4.5	0.4	*	-	-	-	-	-	-	-	-	-	-	-	21.5	2628
4 - 6	0.3	20.1	6.5	0.6	0.1	*	-	-	-	-	-	-	-	-	-	-	27.6	3382
7 - 10	0.2	16.7	7.4	0.9	0.1	-	-	-	-	-	-	-	-	-	-	-	25.3	3098
11 - 15	*	7.2	5.7	0.9	0.1	-	-	-	-	-	-	-	-	-	-	-	13.9	1705
16 - 20	-	1.5	3.8	0.8	0.1	*	*	-	-	-	-	-	-	-	-	-	6.2	760
21 - 24	-	0.2	1.0	0.6	0.1	*	-	*	*	-	-	-	-	-	-	-	2.0	241
25 - 33	-	*	0.2	0.2	*	*	0.1	0.1	*	-	-	-	-	-	-	-	0.7	86
34 - 47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48	-	*	*	-	*	-	-	-	-	-	-	-	-	-	-	-	0.0	5
TOTAL %	0.7	64.1	29.8	4.4	0.6	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	89	7856	3650	544	76	12	10	10	2	0	0	0	0	0	0	0		12249

(\* < 0.05%)

STATION: 46025

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	*	1.1	0.5	0.1	*	*	-	-	-	-	-	-	-	-	-	-	1.7	195
1 - 3	*	11.1	4.4	0.7	0.1	*	*	-	-	-	-	-	-	-	-	-	16.4	1894
4 - 6	*	17.8	6.6	0.8	0.3	*	-	-	-	-	-	-	-	-	-	-	25.5	2949
7 - 10	*	16.1	8.9	1.2	0.2	*	0.1	-	-	-	-	-	-	-	-	-	26.4	3055
11 - 15	*	6.5	7.9	1.5	0.3	*	*	-	-	-	-	-	-	-	-	-	16.3	1879
16 - 20	-	1.6	5.5	1.6	0.3	*	-	-	-	-	-	-	-	-	-	-	9.0	1038
21 - 24	-	0.2	1.6	1.2	0.3	*	-	-	-	-	-	-	-	-	-	-	3.2	368
25 - 33	-	*	0.3	0.8	0.3	0.1	-	-	-	-	-	-	-	-	-	-	1.4	167
34 - 47	-	-	-	*	*	*	-	-	-	-	-	-	-	-	-	-	0.0	3
> 48	-	*	*	*	-	-	-	-	-	-	-	-	-	-	-	-	0.1	8
TOTAL %	0.1	54.5	35.7	7.7	1.7	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	10	6295	4127	892	200	23	9	0	0	0	0	0	0	0	0	0		11556

(\* < 0.05%)

STATION: 46025

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	*	1.5	0.6	*	-	-	-	-	-	-	-	-	-	-	-	-	2.1	256
1 - 3	0.1	14.0	5.0	0.3	*	*	*	-	-	-	-	-	-	-	-	-	19.4	2362
4 - 6	0.2	20.6	6.9	0.5	0.1	*	*	-	-	-	-	-	-	-	-	-	28.4	3461
7 - 10	0.1	18.3	8.0	0.7	*	*	*	-	-	-	-	-	-	-	-	-	27.2	3316
11 - 15	*	5.4	6.5	1.1	0.1	*	*	*	-	-	-	-	-	-	-	-	13.1	1601
16 - 20	-	0.8	3.9	1.2	0.2	*	*	*	-	-	-	-	-	-	-	-	6.2	752
21 - 24	-	*	1.1	1.2	0.2	*	-	-	-	-	-	-	-	-	-	-	2.6	313
25 - 33	-	-	0.2	0.7	*	-	-	-	-	-	-	-	-	-	-	-	1.0	122
34 - 47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48	-	0.1	0.1	*	-	-	-	-	-	-	-	-	-	-	-	-	0.2	21
TOTAL %	0.4	60.7	32.2	5.7	0.7	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	50	7409	3931	691	87	20	10	6	0	0	0	0	0	0	0	0		12204

(\* < 0.05%)

STATION: 46025

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

Month: APR

WIND SPEED	WAVE HEIGHT															TOT %	TOT N	
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4			
0	*	2.1	0.4	*	-	-	-	-	-	-	-	-	-	-	-	-	2.5	323
1 - 3	0.1	16.1	2.9	*	-	-	-	-	-	-	-	-	-	-	-	-	19.2	2524
4 - 6	0.2	23.1	4.5	0.1	-	-	-	-	-	-	-	-	-	-	-	-	27.9	3670
7 - 10	0.1	20.3	6.2	0.2	-	-	-	-	-	-	-	-	-	-	-	-	26.8	3533
11 - 15	-	7.2	6.5	0.3	-	-	-	-	-	-	-	-	-	-	-	-	14.0	1841
16 - 20	-	1.1	4.2	1.0	*	-	-	-	-	-	-	-	-	-	-	-	6.3	823



21 - 24	-	0.1	1.3	1.0	0.1	-	-	-	-	-	-	-	-	-	-	-	2.4	321
25 - 33	-	*	0.2	0.5	0.1	-	-	-	-	-	-	-	-	-	-	-	0.8	109
34 - 47	-	-	-	-	*	-	-	-	-	-	-	-	-	-	-	-	0.0	1
> 48	-	0.1	*	-	*	-	-	-	-	-	-	-	-	-	-	-	0.1	17
TOTAL %	0.4	70.1	26.2	3.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	55	9223	3454	402	28	0	0	0	0	0	0	0	0	0	0	0		13162

(\* < 0.05%)

STATION: 46025

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

Month: MAY

		WAVE HEIGHT																
		0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4	TOT %	TOT N
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		-	2.1	0.3	-	-	-	-	-	-	-	-	-	-	-	-	2.4	324
1 - 3	*	19.3	2.8	*	-	-	-	-	-	-	-	-	-	-	-	-	22.2	3058
4 - 6	*	26.7	4.5	0.1	-	-	-	-	-	-	-	-	-	-	-	-	31.3	4311
7 - 10	*	22.8	4.9	0.1	-	-	-	-	-	-	-	-	-	-	-	-	27.8	3837
11 - 15	-	5.8	4.7	0.2	-	-	-	-	-	-	-	-	-	-	-	-	10.7	1469
16 - 20	-	0.6	2.9	0.4	*	-	-	-	-	-	-	-	-	-	-	-	3.9	536
21 - 24	-	-	0.6	0.4	*	-	-	-	-	-	-	-	-	-	-	-	1.1	154
25 - 33	-	-	0.1	0.5	*	-	-	-	-	-	-	-	-	-	-	-	0.6	88
34 - 47	-	-	-	*	*	-	-	-	-	-	-	-	-	-	-	-	0.0	3
> 48	-	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	2
TOTAL %	0.1	77.2	20.9	1.8	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	8	10643	2877	243	11	0	0	0	0	0	0	0	0	0	0	0		13782

(\* < 0.05%)

STATION: 46025

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

Month: JUN

		WAVE HEIGHT																
		0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4	TOT %	TOT N
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	*	2.4	0.4	-	-	-	-	-	-	-	-	-	-	-	-	-	2.8	349
1 - 3	0.1	22.5	2.3	-	-	-	-	-	-	-	-	-	-	-	-	-	24.8	3145
4 - 6	0.1	30.6	2.8	-	-	-	-	-	-	-	-	-	-	-	-	-	33.5	4243
7 - 10	*	24.6	3.1	-	-	-	-	-	-	-	-	-	-	-	-	-	27.7	3511
11 - 15	-	6.6	2.3	*	-	-	-	-	-	-	-	-	-	-	-	-	8.9	1127
16 - 20	-	0.5	1.4	0.1	-	-	-	-	-	-	-	-	-	-	-	-	2.0	247
21 - 24	-	-	0.1	*	-	-	-	-	-	-	-	-	-	-	-	-	0.1	18
25 - 33	-	-	*	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	1
34 - 47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48	-	0.1	*	-	-	-	-	-	-	-	-	-	-	-	-	-	0.2	21
TOTAL %	0.2	87.4	12.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	21	11062	1565	14	0	0	0	0	0	0	0	0	0	0	0	0		12662

(\* < 0.05%)

STATION: 46025

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

Month: JUL

		WAVE HEIGHT																
		0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4	TOT %	TOT N
WIND SPEED		0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4			
0	-	2.5	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	2.6	314
1 - 3	-	25.0	0.9	-	-	-	-	-	-	-	-	-	-	-	-	-	25.8	3157
4 - 6	*	34.1	1.1	-	-	-	-	-	-	-	-	-	-	-	-	-	35.2	4301
7 - 10	0.1	27.5	1.3	-	-	-	-	-	-	-	-	-	-	-	-	-	28.9	3525
11 - 15	-	6.5	0.7	-	-	-	-	-	-	-	-	-	-	-	-	-	7.2	877
16 - 20	-	0.2	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	0.2	28
21 - 24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
25 - 33	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
34 - 47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48	-	0.1	*	-	-	-	-	-	-	-	-	-	-	-	-	-	0.1	14
TOTAL %	0.1	95.8	4.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	9	11701	506	0	0	0	0	0	0	0	0	0	0	0	0	0		12216

(\* < 0.05%)

STATION: 46025

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

Month: AUG

WAVE HEIGHT

	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4	TOT %	TOT N	
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	-	2.6	*	-	-	-	-	-	-	-	-	-	-	-	-	-	2.7	330
1 - 3	*	26.4	0.4	-	-	-	-	-	-	-	-	-	-	-	-	-	26.9	3317
4 - 6	0.1	33.8	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	34.4	4241
7 - 10	*	28.4	0.7	-	-	-	-	-	-	-	-	-	-	-	-	-	29.2	3596
11 - 15	-	6.1	0.4	-	-	-	-	-	-	-	-	-	-	-	-	-	6.4	794
16 - 20	-	0.2	0.1	*	-	-	-	-	-	-	-	-	-	-	-	-	0.3	39
21 - 24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
25 - 33	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
34 - 47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48	-	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.1	12
TOTAL %	0.2	97.6	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0		
TOTAL N	21	12033	274	1	0	0	0	0	0	0	0	0	0	0	0			12329

STATION: 46025

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

Month: SEP

	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4	TOT %	TOT N	
WIND SPEED	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4				
0	*	2.2	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	2.3	270
1 - 3	0.1	23.6	0.6	-	-	-	-	-	-	-	-	-	-	-	-	-	24.3	2805
4 - 6	*	33.4	0.8	*	-	-	-	-	-	-	-	-	-	-	-	-	34.3	3953
7 - 10	0.1	29.2	0.7	-	-	-	-	-	-	-	-	-	-	-	-	-	30.0	3460
11 - 15	-	6.9	1.1	0.1	-	-	-	-	-	-	-	-	-	-	-	-	8.1	932
16 - 20	-	0.4	0.3	0.2	-	-	-	-	-	-	-	-	-	-	-	-	0.9	102
21 - 24	-	*	*	*	-	-	-	-	-	-	-	-	-	-	-	-	0.1	8
25 - 33	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
34 - 47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48	-	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.1	8
TOTAL %	0.2	95.7	3.8	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0		
TOTAL N	24	11047	434	33	0	0	0	0	0	0	0	0	0	0	0			11538

STATION: 46025

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

Month: OCT

	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4	TOT %	TOT N	
WIND SPEED	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4				
0	*	2.9	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	3.1	381
1 - 3	0.1	24.3	0.8	-	-	-	-	-	-	-	-	-	-	-	-	-	25.2	3138
4 - 6	0.2	30.8	1.8	-	-	-	-	-	-	-	-	-	-	-	-	-	32.8	4080
7 - 10	0.2	24.7	2.0	-	-	-	-	-	-	-	-	-	-	-	-	-	26.8	3337
11 - 15	*	6.4	2.5	*	-	-	-	-	-	-	-	-	-	-	-	-	9.0	1121
16 - 20	-	0.9	1.3	0.1	-	-	-	-	-	-	-	-	-	-	-	-	2.4	293
21 - 24	-	0.1	0.3	0.1	-	-	-	-	-	-	-	-	-	-	-	-	0.6	69
25 - 33	-	*	0.1	0.1	*	-	-	-	-	-	-	-	-	-	-	-	0.2	27
34 - 47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48	*	*	*	*	-	-	-	-	-	-	-	-	-	-	-	-	0.1	12
TOTAL %	0.5	90.2	9.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0		
TOTAL N	61	11235	1120	41	1	0	0	0	0	0	0	0	0	0	0			12458

STATION: 46025

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

Month: NOV

	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4	TOT %	TOT N	
WIND SPEED	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4				
0	0.1	2.6	0.4	*	-	-	-	-	-	-	-	-	-	-	-	-	3.1	394
1 - 3	0.5	20.5	2.8	0.2	-	-	-	-	-	-	-	-	-	-	-	-	23.9	3001
4 - 6	0.4	23.5	3.9	0.1	-	-	-	-	-	-	-	-	-	-	-	-	27.9	3498
7 - 10	0.2	19.7	4.4	0.3	*	-	-	-	-	-	-	-	-	-	-	-	24.7	3095
11 - 15	*	7.3	4.5	0.3	-	-	-	-	-	-	-	-	-	-	-	-	12.1	1520
16 - 20	-	1.2	3.8	0.6	-	-	-	-	-	-	-	-	-	-	-	-	5.6	707
21 - 24	-	0.1	1.1	0.6	*	-	-	-	-	-	-	-	-	-	-	-	1.8	231
25 - 33	-	*	0.3	0.3	0.1	-	-	-	-	-	-	-	-	-	-	-	0.6	81
34 - 47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48	-	0.1	*	-	-	-	-	-	-	-	-	-	-	-	-	-	0.1	14
TOTAL %	1.2	75.0	21.2	2.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0		
TOTAL N	153	9411	2660	308	9	0	0	0	0	0	0	0	0	0	0			12541

(\* < 0.05%)

STATION: 46025

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	>13.4	TOT %	TOT N
1 - 3	*	2.1	0.5	*	-	-	-	-	-	-	-	-	-	-	-	2.7	344
4 - 6	0.4	18.0	3.6	0.2	*	-	-	-	-	-	-	-	-	-	-	22.3	2879
7 - 10	0.3	21.2	5.0	0.3	0.1	-	-	-	-	-	-	-	-	-	-	26.8	3466
11 - 15	0.1	16.5	5.6	0.5	0.1	*	-	-	-	-	-	-	-	-	-	22.8	2953
16 - 20	*	7.3	5.4	0.8	*	-	-	-	-	-	-	-	-	-	-	13.6	1763
21 - 24	-	1.6	4.5	1.1	0.1	-	-	-	-	-	-	-	-	-	-	7.2	934
25 - 33	-	0.2	1.7	1.1	0.2	-	-	-	-	-	-	-	-	-	-	3.1	406
34 - 47	-	-	0.5	0.6	0.3	*	-	-	-	-	-	-	-	-	-	1.4	182
> 48	-	-	-	-	-	-	-	*	-	-	-	-	-	-	-	0.0	1
TOTAL %	0.8	66.9	26.8	4.7	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	104	8651	3464	607	102	4	0	1	0	0	0	0	0	0	0		12933

(\* < 0.05%)

STATION: 46025

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	>13.4	TOT %	TOT N
1 - 3	*	2.2	0.3	*	*	*	*	-	-	-	-	-	-	-	-	2.6	3824
4 - 6	0.1	19.8	2.6	0.1	*	*	*	-	-	-	-	-	-	-	-	22.7	33908
7 - 10	0.1	26.3	3.8	0.2	*	*	*	-	-	-	-	-	-	-	-	30.4	45555
11 - 15	0.1	22.0	4.4	0.3	*	*	*	-	-	-	-	-	-	-	-	26.9	40316
16 - 20	*	6.6	4.0	0.4	*	*	*	*	-	-	-	-	-	-	-	11.1	16629
21 - 24	-	0.9	2.7	0.6	0.1	*	*	*	-	-	-	-	-	-	-	4.2	6259
25 - 33	-	0.1	0.7	0.5	0.1	*	-	*	*	-	-	-	-	-	-	1.4	2129
34 - 47	-	*	0.2	0.3	0.1	*	*	*	*	-	-	-	-	-	-	0.6	863
> 48	-	-	-	*	*	*	-	*	-	-	-	-	-	-	-	0.0	8
TOTAL %	0.4	77.9	18.8	2.5	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	605	116566	28062	3776	514	59	29	17	2	0	0	0	0	0	0		149630

(\* < 0.05%)

STATION: 46025

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	>13.4	TOT %	TOT N
1 - 3	*	1.8	0.5	*	*	*	*	-	-	-	-	-	-	-	-	2.4	883
4 - 6	0.2	15.3	4.2	0.4	*	*	*	-	-	-	-	-	-	-	-	20.1	7401
7 - 10	0.2	19.8	6.0	0.6	0.1	*	-	-	-	-	-	-	-	-	-	26.7	9797
11 - 15	0.1	16.4	7.2	0.9	0.1	*	*	-	-	-	-	-	-	-	-	24.8	9106
16 - 20	*	7.0	6.3	1.1	0.1	*	*	-	-	-	-	-	-	-	-	14.6	5347
21 - 24	-	1.5	4.6	1.1	0.2	*	*	-	-	-	-	-	-	-	-	7.4	2732
25 - 33	-	0.2	1.4	0.9	0.2	*	-	*	*	-	-	-	-	-	-	2.8	1015
34 - 47	-	*	0.3	0.5	0.2	*	*	*	*	-	-	-	-	-	-	1.2	435
> 48	-	-	-	*	*	*	-	*	-	-	-	-	-	-	-	0.0	4
TOTAL %	0.6	62.1	30.6	5.6	1.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	203	22802	11241	2043	378	39	19	11	2	0	0	0	0	0	0		36738

(\* < 0.05%)

STATION: 46025

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

Months: MAR, APR, MAY (Spring)

WIND SPEED	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4		
0	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	>13.4	TOT %	TOT N
1 - 3	*	1.9	0.4	*	-	-	-	-	-	-	-	-	-	-	-	2.3	903
4 - 6	0.1	16.6	3.5	0.1	*	*	*	-	-	-	-	-	-	-	-	20.3	7944
7 - 10	0.1	23.6	5.3	0.2	*	*	*	-	-	-	-	-	-	-	-	29.2	11442
11 - 15	0.1	20.6	6.3	0.3	*	*	-	-	-	-	-	-	-	-	-	27.3	10686
16 - 20	*	6.2	5.8	0.5	*	*	*	*	-	-	-	-	-	-	-	12.5	4911
> 48	-	0.8	3.7	0.8	0.1	*	*	*	-	-	-	-	-	-	-	5.4	2111



22.5 - 23.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
23.5 - 24.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
24.5 - 25.4	-	0.2	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	0.3	34
TOTAL %	0.7	64.1	29.8	4.4	0.6	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0		
TOTAL N	89	7852	3650	544	76	12	10	10	2	0	0	0	0	0	0		12245	

(\* < 0.05%)

STATION: 46025

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

Month: FEB

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	*	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	0.1	8
3.5 - 4.4	*	0.9	*	-	-	-	-	-	-	-	-	-	-	-	-	0.9	109
4.5 - 5.4	*	1.6	1.2	*	-	-	-	-	-	-	-	-	-	-	-	2.9	333
5.5 - 6.4	*	1.9	2.6	0.4	-	-	-	-	-	-	-	-	-	-	-	4.9	563
6.5 - 7.4	-	1.5	1.8	0.8	*	-	-	-	-	-	-	-	-	-	-	4.2	487
7.5 - 8.4	-	1.8	1.9	0.7	0.1	*	-	-	-	-	-	-	-	-	-	4.6	527
8.5 - 9.4	-	1.1	1.3	0.3	0.1	*	-	-	-	-	-	-	-	-	-	2.7	314
9.5 - 10.4	*	1.9	1.4	0.1	0.1	*	-	-	-	-	-	-	-	-	-	3.5	408
10.5 - 11.4	*	5.9	2.8	0.3	0.1	-	-	-	-	-	-	-	-	-	-	9.1	1057
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	*	12.7	7.7	0.9	0.2	*	-	-	-	-	-	-	-	-	-	21.7	2502
13.5 - 14.4	-	16.1	10.2	2.5	0.4	*	*	-	-	-	-	-	-	-	-	29.2	3379
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	7.6	3.9	1.5	0.8	0.1	*	-	-	-	-	-	-	-	-	14.0	1615
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	1.1	0.7	0.1	*	*	*	-	-	-	-	-	-	-	-	1.9	224
20.5 - 21.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
21.5 - 22.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
22.5 - 23.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
23.5 - 24.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
24.5 - 25.4	-	0.1	0.1	*	-	-	-	-	-	-	-	-	-	-	-	0.2	27
TOTAL %	0.1	54.5	35.7	7.7	1.7	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0		
TOTAL N	10	6294	4125	892	200	23	9	0	0	0	0	0	0	0		11553	

(\* < 0.05%)

STATION: 46025

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

Month: MAR

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	*	0.3	*	-	-	-	-	-	-	-	-	-	-	-	-	0.3	39
4.5 - 5.4	*	0.9	0.6	-	-	-	-	-	-	-	-	-	-	-	-	1.5	189
5.5 - 6.4	*	2.0	3.1	0.3	-	-	-	-	-	-	-	-	-	-	-	5.4	656
6.5 - 7.4	-	1.4	3.4	1.2	*	-	-	-	-	-	-	-	-	-	-	6.0	738
7.5 - 8.4	-	2.0	2.2	0.7	0.1	-	-	-	-	-	-	-	-	-	-	4.9	601
8.5 - 9.4	-	1.5	1.1	0.1	*	-	-	-	-	-	-	-	-	-	-	2.8	340
9.5 - 10.4	*	3.0	2.0	0.2	*	-	-	-	-	-	-	-	-	-	-	5.2	631
10.5 - 11.4	0.1	6.6	3.3	0.4	*	-	-	-	-	-	-	-	-	-	-	10.4	1271
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	0.1	14.6	5.8	1.0	0.2	*	-	-	-	-	-	-	-	-	-	21.7	2644
13.5 - 14.4	*	18.6	6.7	1.4	0.3	*	-	-	-	-	-	-	-	-	-	27.1	3306
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	*	8.2	3.3	0.3	0.1	0.1	0.1	*	-	-	-	-	-	-	-	12.1	1475
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	1.6	0.6	-	*	*	*	*	-	-	-	-	-	-	-	2.3	278
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	-	-	-	-	-	-	-	-	-	-	-	-	0.3	31
TOTAL %	0.4	60.7	32.2	5.7	0.7	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0		
TOTAL N	50	7409	3931	691	87	20	10	6	0	0	0	0	0	0		12204	

(\* < 0.05%)

STATION: 46025

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

Month: APR

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0- 0.4	0.5- 1.4	1.5- 2.4	2.5- 3.4	3.5- 4.4	4.5- 5.4	5.5- 6.4	6.5- 7.4	7.5- 8.4	8.5- 9.4	9.5- 10.4	10.5- 11.4	11.5- 12.4	12.5- 13.4	>13.4		
< 0.5	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	1
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	0.1	0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	0.2	31
3.5 - 4.4	0.1	0.8	*	-	-	-	-	-	-	-	-	-	-	-	-	0.9	115
4.5 - 5.4	*	2.9	0.8	-	-	-	-	-	-	-	-	-	-	-	-	3.7	492
5.5 - 6.4	*	6.3	5.2	0.1	-	-	-	-	-	-	-	-	-	-	-	11.7	1535
6.5 - 7.4	*	3.6	6.5	1.3	0.1	-	-	-	-	-	-	-	-	-	-	11.4	1505
7.5 - 8.4	0.2	3.8	3.0	1.0	0.2	-	-	-	-	-	-	-	-	-	-	8.1	1069
8.5 - 9.4	*	2.3	1.2	0.2	-	-	-	-	-	-	-	-	-	-	-	3.7	485
9.5 - 10.4	-	3.8	1.6	0.1	-	-	-	-	-	-	-	-	-	-	-	5.5	719
10.5 - 11.4	*	5.5	2.1	0.1	-	-	-	-	-	-	-	-	-	-	-	7.7	1019
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	*	10.0	2.0	0.2	-	-	-	-	-	-	-	-	-	-	-	12.3	1612
13.5 - 14.4	-	18.7	2.2	0.1	-	-	-	-	-	-	-	-	-	-	-	20.9	2755
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	11.1	1.4	*	-	-	-	-	-	-	-	-	-	-	-	12.6	1658
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	1.0	0.3	-	-	-	-	-	-	-	-	-	-	-	-	1.2	160
20.5 - 21.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
21.5 - 22.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
22.5 - 23.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
23.5 - 24.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
24.5 - 25.4	-	*	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	1
TOTAL %	0.4	70.1	26.2	3.1	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	55	9220	3452	402	28	0	0	0	0	0	0	0	0	0	0		13157

(\* < 0.05%)

STATION: 46025

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

Month: MAY

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0- 0.4	0.5- 1.4	1.5- 2.4	2.5- 3.4	3.5- 4.4	4.5- 5.4	5.5- 6.4	6.5- 7.4	7.5- 8.4	8.5- 9.4	9.5- 10.4	10.5- 11.4	11.5- 12.4	12.5- 13.4	>13.4		
< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	*	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	6
3.5 - 4.4	-	0.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.4	50
4.5 - 5.4	-	3.7	0.4	-	-	-	-	-	-	-	-	-	-	-	-	4.1	570
5.5 - 6.4	-	10.0	4.6	*	-	-	-	-	-	-	-	-	-	-	-	14.6	2016
6.5 - 7.4	-	7.4	6.6	0.5	-	-	-	-	-	-	-	-	-	-	-	14.5	1992
7.5 - 8.4	-	5.9	2.9	1.0	0.1	-	-	-	-	-	-	-	-	-	-	9.9	1361
8.5 - 9.4	*	3.2	0.9	*	*	-	-	-	-	-	-	-	-	-	-	4.1	571
9.5 - 10.4	*	3.2	1.1	*	-	-	-	-	-	-	-	-	-	-	-	4.3	594
10.5 - 11.4	-	2.9	1.0	*	-	-	-	-	-	-	-	-	-	-	-	3.9	541
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	*	6.8	1.0	0.1	-	-	-	-	-	-	-	-	-	-	-	7.9	1081
13.5 - 14.4	-	18.4	1.0	0.1	-	-	-	-	-	-	-	-	-	-	-	19.5	2688
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	*	13.9	0.9	-	-	-	-	-	-	-	-	-	-	-	-	14.8	2039
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	1.5	0.3	-	-	-	-	-	-	-	-	-	-	-	-	1.8	254
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	7
TOTAL %	0.1	77.2	20.9	1.8	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	8	10633	2875	243	11	0	0	0	0	0	0	0	0	0	0		13770

(\* < 0.05%)

STATION: 46025

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



11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	*	9.3	0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	9.5	1173
13.5 - 14.4	-	27.6	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	27.7	3409
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	14.6	0.4	-	-	-	-	-	-	-	-	-	-	-	-	-	15.0	1846
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	1.5	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	1.7	204
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	2
TOTAL %	0.2	97.6	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	21	12027	274	1	0	0	0	0	0	0	0	0	0	0	0	0		12323

(\* < 0.05%)

STATION: 46025

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

Month: SEP

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N	
	0.0- < 0.5	0.5- 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	-	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.1	9
3.5 - 4.4	*	0.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.0	110
4.5 - 5.4	0.1	5.7	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	5.9	675
5.5 - 6.4	*	9.4	1.1	-	-	-	-	-	-	-	-	-	-	-	-	-	10.5	1213
6.5 - 7.4	-	5.4	1.0	0.1	-	-	-	-	-	-	-	-	-	-	-	-	6.5	750
7.5 - 8.4	*	5.3	0.4	0.2	-	-	-	-	-	-	-	-	-	-	-	-	5.9	682
8.5 - 9.4	-	3.1	0.2	*	-	-	-	-	-	-	-	-	-	-	-	-	3.3	384
9.5 - 10.4	*	5.2	0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	5.4	625
10.5 - 11.4	*	8.2	0.4	-	-	-	-	-	-	-	-	-	-	-	-	-	8.6	989
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	*	11.9	0.3	-	-	-	-	-	-	-	-	-	-	-	-	-	12.2	1406
13.5 - 14.4	-	23.9	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	24.0	2769
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	14.5	*	-	-	-	-	-	-	-	-	-	-	-	-	-	14.6	1682
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	2.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.0	235
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	9
TOTAL %	0.2	95.7	3.8	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	24	11047	434	33	0	0	0	0	0	0	0	0	0	0	0	0		11538

(\* < 0.05%)

STATION: 46025

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

Month: OCT

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N	
	0.0- < 0.5	0.5- 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	*	0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.2	31
3.5 - 4.4	-	1.4	*	-	-	-	-	-	-	-	-	-	-	-	-	-	1.4	172
4.5 - 5.4	-	3.4	0.3	-	-	-	-	-	-	-	-	-	-	-	-	-	3.8	468
5.5 - 6.4	-	5.6	1.7	*	-	-	-	-	-	-	-	-	-	-	-	-	7.3	905
6.5 - 7.4	*	4.2	1.9	0.2	-	-	-	-	-	-	-	-	-	-	-	-	6.3	781
7.5 - 8.4	0.1	4.8	1.2	0.1	*	-	-	-	-	-	-	-	-	-	-	-	6.1	759
8.5 - 9.4	0.1	3.3	0.3	-	-	-	-	-	-	-	-	-	-	-	-	-	3.7	466
9.5 - 10.4	*	4.3	0.3	-	-	-	-	-	-	-	-	-	-	-	-	-	4.7	587
10.5 - 11.4	*	8.3	0.6	-	-	-	-	-	-	-	-	-	-	-	-	-	8.9	1109
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	0.1	15.0	1.0	-	-	-	-	-	-	-	-	-	-	-	-	-	16.0	1992
13.5 - 14.4	0.1	24.0	1.1	-	-	-	-	-	-	-	-	-	-	-	-	-	25.2	3135
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	*	14.6	0.3	-	-	-	-	-	-	-	-	-	-	-	-	-	14.9	1853





23.5 - 24.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
24.5 - 25.4	-	0.2	*	-	-	-	-	-	*	-	-	-	-	-	-	-	0.2	26
TOTAL %	0.8	66.9	26.8	4.7	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	104	8644	3463	607	102	4	0	1	0	0	0	0	0	0	0	0		12925

(\* < 0.05%)

STATION: 46025

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

All Months: Annual

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4		
< 0.5	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	>13.4	0.0	1
0.5 - 1.4	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	4
2.5 - 3.4	*	0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	0.2	331
3.5 - 4.4	*	0.9	*	-	-	-	-	-	-	-	-	-	-	-	-	1.0	1479
4.5 - 5.4	*	3.2	0.6	*	-	-	-	-	-	-	-	-	-	-	-	3.8	5696
5.5 - 6.4	*	6.6	2.6	0.1	*	-	-	-	-	-	-	-	-	-	-	9.4	14009
6.5 - 7.4	*	4.4	2.9	0.5	*	-	-	-	-	-	-	-	-	-	-	7.8	11717
7.5 - 8.4	0.1	4.1	1.5	0.4	0.1	*	*	-	-	-	-	-	-	-	-	6.2	9203
8.5 - 9.4	*	2.5	0.7	0.1	*	*	-	-	-	-	-	-	-	-	-	3.2	4803
9.5 - 10.4	*	3.4	0.9	0.1	*	*	-	-	-	-	-	-	-	-	-	4.4	6536
10.5 - 11.4	*	5.8	1.4	0.1	*	-	*	-	-	-	-	-	-	-	-	7.3	10955
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	0.1	12.3	2.7	0.3	*	*	-	-	-	-	-	-	-	-	-	15.4	23029
13.5 - 14.4	0.1	21.5	3.5	0.6	0.1	*	*	*	*	-	-	-	-	-	-	25.8	38539
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	*	11.6	1.7	0.3	0.1	*	*	*	*	-	-	-	-	-	-	13.7	20486
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	1.4	0.3	*	*	*	*	*	-	-	-	-	-	-	-	1.8	2627
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	142
TOTAL %	0.4	77.9	18.8	2.5	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	605	116506	28049	3776	514	59	29	17	2	0	0	0	0	0	0		149557

(\* < 0.05%)

STATION: 46025

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-	0.5-	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	4
2.5 - 3.4	0.1	0.3	-	-	-	-	-	-	-	-	-	-	-	-	-	0.4	152
3.5 - 4.4	*	1.4	*	-	-	-	-	-	-	-	-	-	-	-	-	1.4	529
4.5 - 5.4	*	1.8	1.1	*	-	-	-	-	-	-	-	-	-	-	-	3.0	1096
5.5 - 6.4	*	2.1	2.7	0.4	*	-	-	-	-	-	-	-	-	-	-	5.2	1893
6.5 - 7.4	*	2.0	1.7	0.6	*	-	-	-	-	-	-	-	-	-	-	4.3	1595
7.5 - 8.4	*	2.4	1.6	0.4	0.1	*	*	-	-	-	-	-	-	-	-	4.5	1655
8.5 - 9.4	*	1.5	1.0	0.1	*	*	-	-	-	-	-	-	-	-	-	2.8	1011
9.5 - 10.4	*	2.6	1.1	0.1	*	*	-	-	-	-	-	-	-	-	-	3.9	1422
10.5 - 11.4	0.1	6.0	2.2	0.3	*	-	*	-	-	-	-	-	-	-	-	8.5	3126
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	0.2	15.1	6.0	0.8	0.1	*	-	-	-	-	-	-	-	-	-	22.1	8130
13.5 - 14.4	0.1	17.9	8.8	1.9	0.2	*	*	*	*	-	-	-	-	-	-	28.9	10608
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	*	7.5	3.6	0.9	0.4	*	*	*	*	-	-	-	-	-	-	12.6	4617
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	1.4	0.7	0.1	*	*	*	-	-	-	-	-	-	-	-	2.2	798
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	*	-	-	-	*	-	-	-	-	-	-	-	0.2	87
TOTAL %	0.6	62.1	30.6	5.6	1.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	203	22790	11238	2043	378	39	19	11	2	0	0	0	0	0	0		36723

(\* < 0.05%)

STATION: 46025

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

Months: MAR, APR, MAY (Spring)

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0- 0.4	0.5- 1.4	1.5- 2.4	2.5- 3.4	3.5- 4.4	4.5- 5.4	5.5- 6.4	6.5- 7.4	7.5- 8.4	8.5- 9.4	9.5- 10.4	10.5- 11.4	11.5- 12.4	12.5- 13.4	>13.4		
< 0.5	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	1
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	*	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	0.1	42
3.5 - 4.4	*	0.5	*	-	-	-	-	-	-	-	-	-	-	-	-	0.5	204
4.5 - 5.4	*	2.6	0.6	-	-	-	-	-	-	-	-	-	-	-	-	3.2	1251
5.5 - 6.4	*	6.2	4.3	0.1	-	-	-	-	-	-	-	-	-	-	-	10.8	4207
6.5 - 7.4	*	4.2	5.6	1.0	*	-	-	-	-	-	-	-	-	-	-	10.8	4235
7.5 - 8.4	0.1	4.0	2.7	0.9	0.1	-	-	-	-	-	-	-	-	-	-	7.7	3031
8.5 - 9.4	*	2.4	1.1	0.1	*	-	-	-	-	-	-	-	-	-	-	3.6	1396
9.5 - 10.4	*	3.3	1.5	0.1	*	-	-	-	-	-	-	-	-	-	-	5.0	1944
10.5 - 11.4	*	4.9	2.1	0.2	*	-	-	-	-	-	-	-	-	-	-	7.2	2831
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	0.1	10.3	2.8	0.4	0.1	*	-	-	-	-	-	-	-	-	-	13.6	5337
13.5 - 14.4	*	18.6	3.2	0.5	0.1	*	-	-	-	-	-	-	-	-	-	22.4	8749
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	*	11.2	1.8	0.1	*	*	*	*	-	-	-	-	-	-	-	13.2	5172
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	1.3	0.4	-	*	*	*	*	-	-	-	-	-	-	-	1.8	692
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	39
TOTAL %	0.3	69.7	26.2	3.4	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	113	27262	10258	1336	126	20	10	6	0	0	0	0	0	0	0		39131

(\* < 0.05%)

STATION: 46025

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

Months: JUN, JUL, AUG (Summer)

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0- 0.4	0.5- 1.4	1.5- 2.4	2.5- 3.4	3.5- 4.4	4.5- 5.4	5.5- 6.4	6.5- 7.4	7.5- 8.4	8.5- 9.4	9.5- 10.4	10.5- 11.4	11.5- 12.4	12.5- 13.4	>13.4		
< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	*	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	0.1	34
3.5 - 4.4	*	0.6	-	-	-	-	-	-	-	-	-	-	-	-	-	0.6	225
4.5 - 5.4	*	4.8	0.1	-	-	-	-	-	-	-	-	-	-	-	-	4.9	1828
5.5 - 6.4	*	12.1	1.4	*	-	-	-	-	-	-	-	-	-	-	-	13.5	5026
6.5 - 7.4	*	7.4	2.2	*	-	-	-	-	-	-	-	-	-	-	-	9.5	3551
7.5 - 8.4	*	5.6	0.8	*	-	-	-	-	-	-	-	-	-	-	-	6.5	2428
8.5 - 9.4	-	3.0	0.2	-	-	-	-	-	-	-	-	-	-	-	-	3.2	1174
9.5 - 10.4	*	3.3	0.3	-	-	-	-	-	-	-	-	-	-	-	-	3.6	1338
10.5 - 11.4	-	4.1	0.2	-	-	-	-	-	-	-	-	-	-	-	-	4.3	1603
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	*	9.2	0.3	-	-	-	-	-	-	-	-	-	-	-	-	9.5	3540
13.5 - 14.4	*	26.6	0.2	-	-	-	-	-	-	-	-	-	-	-	-	26.8	9980
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	*	15.2	0.6	*	-	-	-	-	-	-	-	-	-	-	-	15.8	5876
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	1.4	0.2	-	-	-	-	-	-	-	-	-	-	-	-	1.6	585
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	2
TOTAL %	0.1	93.5	6.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	51	34784	2340	15	0	0	0	0	0	0	0	0	0	0	0		37190

(\* < 0.05%)

STATION: 46025

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

Months: SEP, OCT, NOV (Autumn)

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



TOTAL %	0.1	54.5	35.7	7.7	1.7	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0
TOTAL N	10	6295	4127	892	200	23	9	0	0	0	0	0	0	0	0	11556

(\* < 0.05%)

STATION: 46025

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	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	0.4	0.1	-	-	-	-	-	-	-	-	-	-	-	-	0.6	72
4.5 - 5.4	0.1	7.8	4.3	0.2	-	-	-	-	-	-	-	-	-	-	-	12.5	1520
5.5 - 6.4	0.1	17.8	10.7	2.4	*	-	-	-	-	-	-	-	-	-	-	31.0	3788
6.5 - 7.4	0.1	17.9	8.9	1.1	0.2	*	-	-	-	-	-	-	-	-	-	28.3	3453
7.5 - 8.4	*	10.0	4.7	1.0	0.2	*	-	-	-	-	-	-	-	-	-	16.0	1953
8.5 - 9.4	*	4.7	2.2	0.6	0.1	*	-	-	-	-	-	-	-	-	-	7.8	947
9.5 - 10.4	-	1.6	0.8	0.2	0.1	*	*	-	-	-	-	-	-	-	-	2.8	346
10.5 - 11.4	-	0.3	0.3	0.1	*	*	*	*	-	-	-	-	-	-	-	0.9	104
11.5 - 12.4	-	0.1	0.1	-	-	-	-	-	-	-	-	-	-	-	-	0.2	19
12.5 - 13.4	-	-	*	-	-	-	-	-	-	-	-	-	-	-	-	0.0	2
TOTAL %	0.4	60.7	32.2	5.7	0.7	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	50	7409	3931	691	87	20	10	6	0	0	0	0	0	0	0		12204

(\* < 0.05%)

STATION: 46025

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	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	1
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	0.1	0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	0.3	33
3.5 - 4.4	0.3	2.7	0.1	-	-	-	-	-	-	-	-	-	-	-	-	3.1	408
4.5 - 5.4	*	15.9	6.0	0.3	-	-	-	-	-	-	-	-	-	-	-	22.2	2917
5.5 - 6.4	*	25.8	13.5	2.4	0.2	-	-	-	-	-	-	-	-	-	-	41.9	5510
6.5 - 7.4	-	15.3	4.9	0.3	*	-	-	-	-	-	-	-	-	-	-	20.5	2703
7.5 - 8.4	-	5.9	1.1	*	-	-	-	-	-	-	-	-	-	-	-	7.0	922
8.5 - 9.4	-	2.8	0.3	*	-	-	-	-	-	-	-	-	-	-	-	3.1	408
9.5 - 10.4	-	1.2	0.1	*	-	-	-	-	-	-	-	-	-	-	-	1.4	184
10.5 - 11.4	-	0.3	0.1	-	-	-	-	-	-	-	-	-	-	-	-	0.4	52
11.5 - 12.4	-	0.1	0.1	-	-	-	-	-	-	-	-	-	-	-	-	0.2	20
12.5 - 13.4	-	*	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	4
TOTAL %	0.4	70.1	26.2	3.1	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	55	9223	3454	402	28	0	0	0	0	0	0	0	0	0	0		13162

(\* < 0.05%)

STATION: 46025

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	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	-	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	0.1	8
3.5 - 4.4	-	3.4	0.1	-	-	-	-	-	-	-	-	-	-	-	-	3.5	484
4.5 - 5.4	*	17.9	5.1	0.1	-	-	-	-	-	-	-	-	-	-	-	23.1	3190
5.5 - 6.4	-	30.4	10.9	1.5	*	-	-	-	-	-	-	-	-	-	-	42.8	5900
6.5 - 7.4	*	15.9	3.0	0.1	*	-	-	-	-	-	-	-	-	-	-	19.1	2626
7.5 - 8.4	-	6.6	1.1	*	-	-	-	-	-	-	-	-	-	-	-	7.7	1063
8.5 - 9.4	-	2.2	0.5	*	-	-	-	-	-	-	-	-	-	-	-	2.8	380
9.5 - 10.4	-	0.5	0.1	0.1	-	-	-	-	-	-	-	-	-	-	-	0.8	104
10.5 - 11.4	-	0.1	*	*	-	-	-	-	-	-	-	-	-	-	-	0.1	15
11.5 - 12.4	-	0.1	*	-	-	-	-	-	-	-	-	-	-	-	-	0.1	9
12.5 - 13.4	-	*	*	-	-	-	-	-	-	-	-	-	-	-	-	0.0	3
TOTAL %	0.1	77.2	20.9	1.8	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	8	10643	2877	243	11	0	0	0	0	0	0	0	0	0	0		13782

(\* < 0.05%)

STATION: 46025

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

Month: JUN

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0- 0.4	0.5- 1.4	1.5- 2.4	2.5- 3.4	3.5- 4.4	4.5- 5.4	5.5- 6.4	6.5- 7.4	7.5- 8.4	8.5- 9.4	9.5- 10.4	10.5- 11.4	11.5- 12.4	12.5- 13.4	>13.4		
< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	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	11
3.5 - 4.4	0.1	2.3	0.1	-	-	-	-	-	-	-	-	-	-	-	-	2.5	319
4.5 - 5.4	*	24.6	3.6	*	-	-	-	-	-	-	-	-	-	-	-	28.3	3580
5.5 - 6.4	0.1	36.2	5.9	0.1	-	-	-	-	-	-	-	-	-	-	-	42.2	5342
6.5 - 7.4	-	16.0	1.9	-	-	-	-	-	-	-	-	-	-	-	-	17.9	2265
7.5 - 8.4	-	5.9	0.8	-	-	-	-	-	-	-	-	-	-	-	-	6.6	842
8.5 - 9.4	-	1.8	0.2	-	-	-	-	-	-	-	-	-	-	-	-	2.0	249
9.5 - 10.4	-	0.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.4	49
10.5 - 11.4	-	*	*	-	-	-	-	-	-	-	-	-	-	-	-	0.0	5
TOTAL %	0.2	87.4	12.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	21	11062	1565	14	0	0	0	0	0	0	0	0	0	0	0		12662

(\* < 0.05%)

STATION: 46025

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

Month: JUL

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0- 0.4	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	-	1.8	-	-	-	-	-	-	-	-	-	-	-	-	-	1.8	218
4.5 - 5.4	*	29.7	1.0	-	-	-	-	-	-	-	-	-	-	-	-	30.6	3743
5.5 - 6.4	*	35.5	2.4	-	-	-	-	-	-	-	-	-	-	-	-	38.0	4637
6.5 - 7.4	*	18.5	0.3	-	-	-	-	-	-	-	-	-	-	-	-	18.9	2311
7.5 - 8.4	-	7.6	0.1	-	-	-	-	-	-	-	-	-	-	-	-	7.7	945
8.5 - 9.4	-	2.3	0.2	-	-	-	-	-	-	-	-	-	-	-	-	2.5	304
9.5 - 10.4	-	0.4	0.1	-	-	-	-	-	-	-	-	-	-	-	-	0.4	54
10.5 - 11.4	-	*	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	4
TOTAL %	0.1	95.8	4.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	9	11701	506	0	0	0	0	0	0	0	0	0	0	0	0		12216

(\* < 0.05%)

STATION: 46025

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

Month: AUG

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0- 0.4	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	*	0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	0.2	20
3.5 - 4.4	0.1	4.3	*	-	-	-	-	-	-	-	-	-	-	-	-	4.4	548
4.5 - 5.4	*	36.7	0.7	-	-	-	-	-	-	-	-	-	-	-	-	37.4	4614
5.5 - 6.4	-	33.7	0.7	*	-	-	-	-	-	-	-	-	-	-	-	34.3	4235
6.5 - 7.4	-	15.8	0.3	-	-	-	-	-	-	-	-	-	-	-	-	16.1	1988
7.5 - 8.4	-	5.3	0.3	-	-	-	-	-	-	-	-	-	-	-	-	5.5	680
8.5 - 9.4	-	1.5	0.1	-	-	-	-	-	-	-	-	-	-	-	-	1.6	194
9.5 - 10.4	-	0.3	0.1	-	-	-	-	-	-	-	-	-	-	-	-	0.4	46
10.5 - 11.4	-	-	*	-	-	-	-	-	-	-	-	-	-	-	-	0.0	3
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
13.5 - 14.4	-	*	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	1
TOTAL %	0.2	97.6	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	21	12033	274	1	0	0	0	0	0	0	0	0	0	0	0		12329

(\* < 0.05%)

STATION: 46025

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

Month: SEP

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0-0.4	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	-	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	0.1	6
3.5 - 4.4	0.2	5.5	0.1	-	-	-	-	-	-	-	-	-	-	-	-	5.7	655
4.5 - 5.4	*	30.8	1.7	0.1	-	-	-	-	-	-	-	-	-	-	-	32.6	3765
5.5 - 6.4	*	31.2	1.0	0.2	-	-	-	-	-	-	-	-	-	-	-	32.4	3736
6.5 - 7.4	-	17.2	0.4	-	-	-	-	-	-	-	-	-	-	-	-	17.5	2021
7.5 - 8.4	-	8.0	0.2	-	-	-	-	-	-	-	-	-	-	-	-	8.2	946
8.5 - 9.4	-	2.3	0.2	-	-	-	-	-	-	-	-	-	-	-	-	2.5	292
9.5 - 10.4	-	0.6	0.1	-	-	-	-	-	-	-	-	-	-	-	-	0.7	80
10.5 - 11.4	-	0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	0.2	25
11.5 - 12.4	-	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	0.1	11
12.5 - 13.4	-	*	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	1
TOTAL %	0.2	95.7	3.8	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	24	11047	434	33	0	0	0	0	0	0	0	0	0	0	0		11538

(\* < 0.05%)

STATION: 46025

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

Month: OCT

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0-0.4	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	*	0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	0.2	30
3.5 - 4.4	0.1	4.8	0.1	-	-	-	-	-	-	-	-	-	-	-	-	5.0	624
4.5 - 5.4	0.2	21.9	3.0	0.1	-	-	-	-	-	-	-	-	-	-	-	25.2	3130
5.5 - 6.4	0.1	28.9	3.8	0.2	*	-	-	-	-	-	-	-	-	-	-	33.0	4110
6.5 - 7.4	*	18.9	1.1	*	-	-	-	-	-	-	-	-	-	-	-	20.1	2503
7.5 - 8.4	*	10.0	0.6	-	-	-	-	-	-	-	-	-	-	-	-	10.6	1324
8.5 - 9.4	*	3.7	0.1	-	-	-	-	-	-	-	-	-	-	-	-	3.9	487
9.5 - 10.4	*	1.3	*	-	-	-	-	-	-	-	-	-	-	-	-	1.4	175
10.5 - 11.4	-	0.3	0.1	-	-	-	-	-	-	-	-	-	-	-	-	0.4	51
11.5 - 12.4	-	*	*	-	-	-	-	-	-	-	-	-	-	-	-	0.1	10
12.5 - 13.4	-	*	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	1
TOTAL %	0.5	90.2	9.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	61	11222	1120	41	1	0	0	0	0	0	0	0	0	0	0		12445

(\* < 0.05%)

STATION: 46025

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

Month: NOV

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0-0.4	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	0.1	0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	0.3	39
3.5 - 4.4	0.3	4.3	0.4	-	-	-	-	-	-	-	-	-	-	-	-	4.9	619
4.5 - 5.4	0.3	16.4	5.6	0.4	-	-	-	-	-	-	-	-	-	-	-	22.6	2837
5.5 - 6.4	0.2	23.2	6.4	1.1	0.1	-	-	-	-	-	-	-	-	-	-	30.9	3879
6.5 - 7.4	0.2	16.4	4.3	0.4	-	-	-	-	-	-	-	-	-	-	-	21.4	2678
7.5 - 8.4	0.1	9.2	2.9	0.2	-	-	-	-	-	-	-	-	-	-	-	12.4	1559
8.5 - 9.4	*	4.0	1.3	0.2	*	-	-	-	-	-	-	-	-	-	-	5.5	689
9.5 - 10.4	-	1.0	0.4	0.1	-	-	-	-	-	-	-	-	-	-	-	1.6	197
10.5 - 11.4	-	0.3	*	*	-	-	-	-	-	-	-	-	-	-	-	0.3	37
11.5 - 12.4	-	*	*	-	-	-	-	-	-	-	-	-	-	-	-	0.1	7
TOTAL %	1.2	75.0	21.2	2.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	153	9411	2660	308	9	0	0	0	0	0	0	0	0	0	0		12541

(\* < 0.05%)

STATION: 46025

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

Month: DEC

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0-0.4	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	0.2	0.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.5	68
3.5 - 4.4	0.3	5.0	0.4	-	-	-	-	-	-	-	-	-	-	-	-	-	5.6	727
4.5 - 5.4	0.2	13.5	5.3	0.4	-	-	-	-	-	-	-	-	-	-	-	-	19.4	2506
5.5 - 6.4	0.1	17.2	7.5	1.8	0.3	-	-	-	-	-	-	-	-	-	-	-	26.8	3465
6.5 - 7.4	*	12.3	4.7	1.0	0.2	*	-	-	-	-	-	-	-	-	-	-	18.3	2361
7.5 - 8.4	*	8.1	4.3	0.6	*	*	-	-	-	-	-	-	-	-	-	-	13.1	1694
8.5 - 9.4	-	5.7	2.4	0.3	-	-	-	*	-	-	-	-	-	-	-	-	8.5	1092
9.5 - 10.4	-	3.1	1.2	0.4	0.1	-	-	-	-	-	-	-	-	-	-	-	4.8	616
10.5 - 11.4	-	1.2	0.6	0.1	0.1	*	-	-	-	-	-	-	-	-	-	-	2.0	260
11.5 - 12.4	*	0.5	0.4	*	-	-	-	-	-	-	-	-	-	-	-	-	0.9	122
12.5 - 13.4	-	*	*	-	-	-	-	-	-	-	-	-	-	-	-	-	0.1	9
TOTAL %	0.8	66.9	26.8	4.7	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	104	8644	3458	607	102	4	0	1	0	0	0	0	0	0	0	0		12920

(\* < 0.05%)

STATION: 46025

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	>13.4	0.0	1
0.5 - 1.4	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	*	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	0.2	245
3.5 - 4.4	0.1	3.3	0.1	-	-	-	-	-	-	-	-	-	-	-	-	3.6	5387
4.5 - 5.4	0.1	19.7	3.9	0.2	-	-	-	-	-	-	-	-	-	-	-	23.8	35625
5.5 - 6.4	0.1	25.7	6.6	1.1	0.1	-	*	-	-	-	-	-	-	-	-	33.5	50135
6.5 - 7.4	*	15.5	3.6	0.4	0.1	*	-	-	-	-	-	-	-	-	-	19.7	29526
7.5 - 8.4	*	7.9	2.2	0.3	0.1	*	-	-	-	-	-	-	-	-	-	10.5	15705
8.5 - 9.4	*	3.6	1.2	0.3	*	*	*	*	-	-	-	-	-	-	-	5.1	7642
9.5 - 10.4	*	1.4	0.6	0.2	*	*	*	*	*	-	-	-	-	-	-	2.3	3398
10.5 - 11.4	-	0.5	0.3	0.1	*	*	*	*	*	-	-	-	-	-	-	0.9	1351
11.5 - 12.4	*	0.2	0.1	*	*	*	*	-	-	-	-	-	-	-	-	0.3	472
12.5 - 13.4	-	*	*	*	-	*	*	-	-	-	-	-	-	-	-	0.1	88
13.5 - 14.4	-	*	*	-	*	*	-	-	-	-	-	-	-	-	-	0.0	21
14.5 - 15.4	-	*	*	*	-	*	*	-	-	-	-	-	-	-	-	0.0	8
TOTAL %	0.4	77.9	18.8	2.5	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	605	116546	28056	3776	514	59	29	17	2	0	0	0	0	0	0		149604

(\* < 0.05%)

STATION: 46025

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	>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	0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	0.3	98
3.5 - 4.4	0.2	3.5	0.2	-	-	-	-	-	-	-	-	-	-	-	-	3.9	1440
4.5 - 5.4	0.1	11.8	5.0	0.3	-	-	-	-	-	-	-	-	-	-	-	17.2	6329
5.5 - 6.4	0.1	15.2	7.5	1.5	0.1	-	*	-	-	-	-	-	-	-	-	24.5	8998
6.5 - 7.4	0.1	11.4	6.1	1.2	0.2	*	-	-	-	-	-	-	-	-	-	19.0	6978
7.5 - 8.4	*	8.8	4.9	0.9	0.2	*	-	-	-	-	-	-	-	-	-	14.9	5471
8.5 - 9.4	*	5.9	3.2	0.7	0.1	*	*	*	-	-	-	-	-	-	-	10.1	3692
9.5 - 10.4	-	3.2	2.0	0.6	0.1	*	-	*	*	-	-	-	-	-	-	5.9	2163
10.5 - 11.4	-	1.5	1.0	0.3	0.1	*	-	*	*	-	-	-	-	-	-	2.9	1055
11.5 - 12.4	*	0.5	0.5	*	*	*	*	-	-	-	-	-	-	-	-	1.1	396
12.5 - 13.4	-	*	0.1	*	-	*	*	-	-	-	-	-	-	-	-	0.2	77
13.5 - 14.4	-	*	*	-	*	*	-	-	-	-	-	-	-	-	-	0.1	20
14.5 - 15.4	-	*	*	*	-	*	*	-	-	-	-	-	-	-	-	0.0	8
TOTAL %	0.6	62.1	30.6	5.6	1.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	203	22795	11235	2043	378	39	19	11	2	0	0	0	0	0	0		36725

(\* < 0.05%)

STATION: 46025

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	>13.4	0.0	0



< 0.5	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	1
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	*	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	0.1	41
3.5 - 4.4	0.1	2.2	0.1	-	-	-	-	-	-	-	-	-	-	-	-	2.5	964
4.5 - 5.4	0.1	14.1	5.2	0.2	-	-	-	-	-	-	-	-	-	-	-	19.5	7627
5.5 - 6.4	*	24.9	11.7	2.1	0.1	-	-	-	-	-	-	-	-	-	-	38.8	15198
6.5 - 7.4	*	16.3	5.5	0.5	0.1	*	-	-	-	-	-	-	-	-	-	22.4	8782
7.5 - 8.4	*	7.4	2.2	0.3	0.1	*	-	-	-	-	-	-	-	-	-	10.1	3938
8.5 - 9.4	*	3.2	1.0	0.2	*	*	-	-	-	-	-	-	-	-	-	4.4	1735
9.5 - 10.4	-	1.1	0.3	0.1	*	*	*	-	-	-	-	-	-	-	-	1.6	634
10.5 - 11.4	-	0.2	0.1	*	*	*	*	-	-	-	-	-	-	-	-	0.4	171
11.5 - 12.4	-	0.1	0.1	-	-	-	-	-	-	-	-	-	-	-	-	0.1	48
12.5 - 13.4	-	*	*	-	-	-	-	-	-	-	-	-	-	-	-	0.0	9
TOTAL %	0.3	69.7	26.2	3.4	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	113	27275	10262	1336	126	20	10	6	0	0	0	0	0	0	0		39148

(\* < 0.05%)

STATION: 46025

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	>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	31
3.5 - 4.4	0.1	2.8	0.1	-	-	-	-	-	-	-	-	-	-	-	-	2.9	1085
4.5 - 5.4	*	30.3	1.8	*	-	-	-	-	-	-	-	-	-	-	-	32.1	11937
5.5 - 6.4	*	35.1	3.0	*	-	-	-	-	-	-	-	-	-	-	-	38.2	14214
6.5 - 7.4	*	16.8	0.8	-	-	-	-	-	-	-	-	-	-	-	-	17.6	6564
7.5 - 8.4	-	6.2	0.4	-	-	-	-	-	-	-	-	-	-	-	-	6.6	2467
8.5 - 9.4	-	1.8	0.2	-	-	-	-	-	-	-	-	-	-	-	-	2.0	747
9.5 - 10.4	-	0.3	0.1	-	-	-	-	-	-	-	-	-	-	-	-	0.4	149
10.5 - 11.4	-	*	*	-	-	-	-	-	-	-	-	-	-	-	-	0.0	12
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
13.5 - 14.4	-	*	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	1
TOTAL %	0.1	93.5	6.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	51	34796	2345	15	0	0	0	0	0	0	0	0	0	0	0		37207

(\* < 0.05%)

STATION: 46025

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	>13.4	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	*	0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	0.2	75
3.5 - 4.4	0.2	4.8	0.2	-	-	-	-	-	-	-	-	-	-	-	-	5.2	1898
4.5 - 5.4	0.2	22.8	3.5	0.2	-	-	-	-	-	-	-	-	-	-	-	26.6	9732
5.5 - 6.4	0.1	27.7	3.8	0.5	*	-	-	-	-	-	-	-	-	-	-	32.1	11725
6.5 - 7.4	0.1	17.5	2.0	0.1	-	-	-	-	-	-	-	-	-	-	-	19.7	7202
7.5 - 8.4	0.1	9.1	1.3	0.1	-	-	-	-	-	-	-	-	-	-	-	10.5	3829
8.5 - 9.4	*	3.4	0.6	0.1	*	-	-	-	-	-	-	-	-	-	-	4.0	1468
9.5 - 10.4	*	1.0	0.2	*	-	-	-	-	-	-	-	-	-	-	-	1.2	452
10.5 - 11.4	-	0.3	*	*	-	-	-	-	-	-	-	-	-	-	-	0.3	113
11.5 - 12.4	-	0.1	*	-	-	-	-	-	-	-	-	-	-	-	-	0.1	28
12.5 - 13.4	-	*	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	2
TOTAL %	0.7	86.7	11.5	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	238	31680	4214	382	10	0	0	0	0	0	0	0	0	0	0		36524

(\* < 0.05%)

STATION: 46025

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

Month: JAN

WAVE PERIOD	MEAN WAVE DIRECTION												TOT %	TOT N
	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	0.1	*	-	-	-	*	-	-	*	-	-	0.1	0.3	9
3.5 - 4.4	0.1	0.1	0.1	0.5	0.2	0.1	0.1	-	0.1	0.1	0.1	-	1.4	46

4.5 - 5.4	*	0.1	0.2	0.3	0.1	0.2	0.2	0.1	*	1.1	0.1	-	2.4	77
5.5 - 6.4	-	0.1	-	0.3	0.1	0.1	0.3	0.2	0.1	3.0	0.4	-	4.5	148
6.5 - 7.4	-	-	-	-	-	0.1	0.3	0.4	0.4	1.8	-	-	3.0	98
7.5 - 8.4	-	-	-	-	-	0.2	0.9	0.2	1.5	1.6	-	-	4.4	144
8.5 - 9.4	-	-	-	-	-	-	0.3	-	1.4	2.1	-	-	3.8	123
9.5 - 10.4	-	-	-	-	-	-	-	-	1.5	3.5	*	-	5.0	163
10.5 - 11.4	-	-	-	-	-	-	-	0.1	3.0	6.1	0.1	-	9.4	305
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	-	-	-	-	*	0.3	0.5	8.6	15.9	0.5	-	25.8	840
13.5 - 14.4	-	-	-	-	-	-	0.2	1.2	8.8	19.5	0.2	-	30.0	977
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	-	-	*	-	-	0.1	0.3	1.6	6.4	0.2	-	8.7	285
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	-	-	-	-	-	-	0.1	0.2	1.0	*	*	1.4	46
TOTAL %	0.2	0.3	0.3	1.1	0.3	0.8	2.8	3.0	27.2	62.3	1.7	0.1	100.0	
TOTAL N	6	10	9	36	10	25	90	98	887	2030	56	4		3261

(\* < 0.05%)

STATION: 46025

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

Month: FEB

WAVE PERIOD	MEAN WAVE DIRECTION												TOT %	TOT N
	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	0.0	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	-	-	-	0.1	0.1	-	0.5	18
4.5 - 5.4	-	0.4	0.2	*	0.1	0.1	0.2	0.2	0.1	0.6	0.1	-	2.1	72
5.5 - 6.4	-	0.3	-	-	0.1	0.1	0.4	0.1	0.3	2.7	0.2	-	4.2	143
6.5 - 7.4	-	-	-	-	-	0.1	0.5	0.1	0.3	3.6	0.1	-	4.7	159
7.5 - 8.4	-	-	-	-	-	-	0.4	0.6	0.9	2.5	-	-	4.4	150
8.5 - 9.4	*	-	-	-	-	*	0.4	0.5	0.9	1.9	-	-	3.6	124
9.5 - 10.4	-	-	-	-	-	-	-	0.1	1.0	2.8	*	-	3.9	134
10.5 - 11.4	-	-	-	-	-	-	-	0.1	3.1	7.3	*	-	10.5	358
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	-	-	-	-	-	*	0.5	8.9	14.5	0.3	-	24.2	822
13.5 - 14.4	-	-	-	-	-	-	0.4	2.0	7.6	18.2	0.5	-	28.7	975
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	-	-	-	-	-	0.2	0.4	2.3	8.5	0.3	-	11.6	396
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	-	-	-	-	-	*	-	0.1	1.2	0.1	-	1.4	49
20.5 - 21.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
21.5 - 22.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
22.5 - 23.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
23.5 - 24.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
24.5 - 25.4	-	-	-	-	-	-	-	-	-	*	-	-	0.0	1
TOTAL %	0.1	0.9	0.3	0.0	0.2	0.4	2.5	4.5	25.4	64.0	1.8	0.0	100.0	
TOTAL N	2	29	10	1	6	13	86	154	863	2176	61	0		3401

(\* < 0.05%)

STATION: 46025

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

Month: MAR

WAVE PERIOD	MEAN WAVE DIRECTION												TOT %	TOT N
	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
3.5 - 4.4	-	0.1	-	-	-	-	*	-	-	0.1	*	*	0.2	7
4.5 - 5.4	-	-	-	-	-	0.2	-	*	0.2	0.7	0.1	-	1.3	47
5.5 - 6.4	-	-	-	-	0.1	0.1	-	0.1	0.4	3.6	0.1	-	4.3	163
6.5 - 7.4	-	-	-	-	-	0.1	0.2	0.1	0.4	3.3	-	-	4.1	154
7.5 - 8.4	-	-	-	-	-	0.2	0.1	0.2	1.0	2.3	-	-	3.8	143
8.5 - 9.4	-	-	-	-	-	0.1	*	*	0.4	2.0	-	-	2.5	95
9.5 - 10.4	-	-	-	-	-	-	-	0.1	1.1	4.2	-	-	5.3	198
10.5 - 11.4	-	-	-	-	-	-	*	0.1	2.5	8.0	0.1	-	10.7	402
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	-	-	-	-	-	0.4	2.3	10.8	11.6	0.1	-	25.1	945
13.5 - 14.4	-	-	-	-	-	-	1.3	5.4	13.2	9.8	0.6	*	30.4	1142
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	-	-	-	-	-	0.8	1.7	3.0	5.3	0.3	-	11.0	415

17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	-	-	-	-	-	*	*	0.4	0.7	*	-	-	1.1	43
20.5 - 21.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
21.5 - 22.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
22.5 - 23.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
23.5 - 24.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
24.5 - 25.4	-	-	-	-	-	-	-	-	-	0.1	-	-	-	0.1	5
TOTAL %	0.0	0.1	0.0	0.0	0.1	0.6	2.9	10.0	33.4	51.6	1.4	0.1	100.0		
TOTAL N	0	2	0	0	3	23	109	375	1255	1939	51	2			3759

(\* < 0.05%)

STATION: 46025

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

Month: APR

WAVE PERIOD	MEAN WAVE DIRECTION												TOT %	TOT N	
	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34			
< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	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	-	-	-	-	-	-	0.2	*	*	-	0.4	15
4.5 - 5.4	-	*	0.1	-	-	-	-	-	0.1	1.9	0.3	-	-	2.3	87
5.5 - 6.4	-	0.1	*	-	-	-	-	-	0.1	10.5	0.6	-	-	11.3	430
6.5 - 7.4	-	-	-	-	-	-	-	-	0.1	11.7	0.2	-	-	12.0	456
7.5 - 8.4	-	-	-	-	-	-	-	-	0.3	5.9	*	-	-	6.3	239
8.5 - 9.4	-	-	-	-	-	-	-	-	0.1	2.6	0.1	-	-	2.8	105
9.5 - 10.4	-	-	-	-	-	-	-	-	0.2	4.2	0.2	-	-	4.6	174
10.5 - 11.4	-	-	-	-	-	-	-	-	1.8	5.8	0.2	-	-	7.7	294
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	-	-	-	-	-	0.4	1.7	5.0	8.0	0.1	-	-	15.3	583
13.5 - 14.4	-	-	-	-	-	-	2.4	9.4	5.9	5.6	0.2	-	-	23.5	894
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	-	-	-	-	0.1	2.2	6.0	2.0	2.4	0.2	-	-	12.9	491
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	-	-	-	-	-	0.1	0.6	0.2	0.2	-	-	-	1.0	39
TOTAL %	0.0	0.2	0.2	0.0	0.0	0.1	5.1	17.7	15.8	58.9	2.1	0.0	100.0		
TOTAL N	0	6	6	0	0	4	193	672	603	2243	79	1			3807

(\* < 0.05%)

STATION: 46025

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

Month: MAY

WAVE PERIOD	MEAN WAVE DIRECTION												TOT %	TOT N	
	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34			
< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	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	4
4.5 - 5.4	-	-	-	-	-	-	-	-	0.1	3.0	-	-	-	3.1	119
5.5 - 6.4	-	-	-	-	-	-	-	-	0.2	9.9	0.1	-	-	10.3	396
6.5 - 7.4	-	-	-	-	-	-	-	-	0.3	9.9	0.1	-	-	10.2	394
7.5 - 8.4	-	-	-	-	-	-	-	-	0.5	5.4	0.1	-	-	6.0	231
8.5 - 9.4	-	-	-	-	-	-	-	-	0.3	2.8	*	-	-	3.1	121
9.5 - 10.4	-	-	-	-	-	-	-	*	1.0	3.7	-	-	-	4.7	182
10.5 - 11.4	-	-	-	-	-	0.1	0.6	1.8	2.3	-	-	-	-	4.7	183
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	-	-	-	-	*	2.7	4.2	4.0	1.6	*	-	-	12.5	482
13.5 - 14.4	-	-	-	-	-	0.2	12.0	14.5	3.3	0.6	-	-	-	30.6	1181
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	-	-	-	*	0.1	5.0	7.4	1.2	0.2	-	-	-	13.9	535
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	-	-	-	-	-	0.2	0.5	-	-	-	-	-	0.7	26
TOTAL %	0.0	0.0	0.0	0.0	0.0	0.3	20.0	27.2	12.7	39.5	0.3	0.0	100.0		
TOTAL N	0	0	0	0	1	11	769	1049	490	1523	11	0			3854

(\* < 0.05%)

STATION: 46025

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

Month: JUN







18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	-	-	-	-	*	0.2	0.3	0.2	0.4	*	*	-	1.1	489
20.5 - 21.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
21.5 - 22.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
22.5 - 23.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
23.5 - 24.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
24.5 - 25.4	-	-	-	-	-	-	-	-	-	*	-	-	-	0.0	6
TOTAL %	0.1	0.4	0.1	0.1	0.1	1.4	18.3	17.2	17.3	43.9	1.1	0.1	100.0		
TOTAL N	25	163	64	46	28	618	7916	7439	7492	19022	466	28			43307

(\* < 0.05%)

STATION: 46025

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

Months: DEC, JAN, FEB (Winter)

WAVE PERIOD	MEAN WAVE DIRECTION												TOT %	TOT N	
	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34			
< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	*	*	-	-	-	-	*	-	*	-	-	*	-	0.1	12
3.5 - 4.4	0.1	0.3	0.1	0.2	0.1	0.1	0.1	*	*	0.2	0.1	*	-	1.2	118
4.5 - 5.4	*	0.4	0.3	0.2	0.1	0.1	0.2	0.1	*	1.0	0.1	*	-	2.5	249
5.5 - 6.4	*	0.3	*	0.1	0.1	0.1	0.4	0.2	0.1	3.1	0.4	-	-	4.7	464
6.5 - 7.4	-	-	-	-	-	0.1	0.3	0.2	0.4	3.2	0.1	-	-	4.3	420
7.5 - 8.4	-	-	-	-	-	0.1	0.4	0.3	1.1	2.3	-	-	-	4.1	402
8.5 - 9.4	*	-	-	-	-	*	0.2	0.2	1.1	2.0	-	-	-	3.4	336
9.5 - 10.4	-	-	-	-	-	-	-	*	1.3	3.3	*	-	-	4.7	457
10.5 - 11.4	-	-	-	-	-	-	-	0.1	2.9	7.0	0.1	-	-	10.0	983
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	-	-	-	-	*	0.2	1.1	8.4	14.2	0.3	-	-	24.2	2374
13.5 - 14.4	-	-	-	-	-	*	0.8	2.4	8.7	16.7	0.4	-	-	29.0	2843
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	-	-	*	-	*	0.3	0.6	1.9	7.0	0.2	-	-	10.1	989
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	-	-	-	-	-	*	*	0.2	1.2	0.1	*	-	1.5	147
20.5 - 21.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
21.5 - 22.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
22.5 - 23.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
23.5 - 24.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
24.5 - 25.4	-	-	-	-	-	-	-	-	-	*	-	-	-	0.0	1
TOTAL %	0.1	1.0	0.4	0.4	0.2	0.5	3.0	5.4	26.1	61.1	1.7	0.1	100.0		
TOTAL N	14	97	36	44	19	53	290	528	2555	5980	169	10			9795

(\* < 0.05%)

STATION: 46025

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

Months: MAR, APR, MAY (Spring)

WAVE PERIOD	MEAN WAVE DIRECTION												TOT %	TOT N	
	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34			
< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	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	*	*	-	0.2	26
4.5 - 5.4	-	*	*	-	-	0.1	-	*	0.1	1.9	0.1	-	-	2.2	253
5.5 - 6.4	-	*	*	-	*	*	-	*	0.2	8.0	0.3	-	-	8.7	989
6.5 - 7.4	-	-	-	-	-	*	0.1	*	0.3	8.3	0.1	-	-	8.8	1004
7.5 - 8.4	-	-	-	-	-	0.1	*	0.1	0.6	4.6	*	-	-	5.4	613
8.5 - 9.4	-	-	-	-	-	*	*	*	0.3	2.5	*	-	-	2.8	321
9.5 - 10.4	-	-	-	-	-	-	-	*	0.8	4.0	0.1	-	-	4.9	554
10.5 - 11.4	-	-	-	-	-	-	*	0.2	2.0	5.3	0.1	-	-	7.7	879
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	-	-	-	-	*	1.2	2.7	6.6	7.0	0.1	-	-	17.6	2010
13.5 - 14.4	-	-	-	-	-	0.1	5.3	9.8	7.4	5.3	0.3	*	-	28.2	3217
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	-	-	-	*	0.1	2.7	5.0	2.1	2.6	0.2	-	-	12.6	1441
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	-	-	-	-	-	0.1	0.4	0.2	0.3	*	-	-	0.9	108
20.5 - 21.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
21.5 - 22.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
22.5 - 23.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
23.5 - 24.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
24.5 - 25.4	-	-	-	-	-	-	-	-	-	*	-	-	-	0.0	5
TOTAL %	0.0	0.1	0.1	0.0	0.0	0.3	9.4	18.4	20.6	50.0	1.2	0.0	100.0		

TOTAL N 0 8 6 0 4 38 1071 2096 2348 5705 141 3 11420  
 (\* < 0.05%)

STATION: 46025

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

Months: JUN, JUL, AUG (Summer)

WAVE PERIOD	MEAN WAVE DIRECTION												TOT %	TOT N
	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	0.0	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	-	-	-	-	-	-	-	-	0.3	0.1	-	-	0.4	42
4.5 - 5.4	-	-	-	-	-	-	-	0.2	4.5	0.1	-	-	4.8	560
5.5 - 6.4	-	-	-	-	-	-	*	0.6	11.2	0.1	-	-	11.8	1392
6.5 - 7.4	-	-	-	-	-	-	*	0.5	7.2	*	-	-	7.8	919
7.5 - 8.4	-	-	-	-	-	*	0.2	0.1	0.5	4.1	*	-	5.0	592
8.5 - 9.4	-	-	-	-	-	*	0.8	0.4	0.4	1.8	*	-	3.5	409
9.5 - 10.4	-	-	-	-	-	0.2	1.6	0.6	0.6	1.2	-	-	4.2	496
10.5 - 11.4	-	-	-	-	-	0.6	2.8	0.9	0.5	0.4	-	-	5.2	614
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	-	-	-	-	0.7	6.3	3.5	0.8	0.2	*	-	11.6	1364
13.5 - 14.4	-	-	-	-	*	0.9	18.3	10.2	1.0	0.1	-	-	30.6	3598
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	-	-	-	-	0.4	6.9	5.8	0.9	*	*	-	14.0	1645
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	-	-	-	-	*	0.4	0.6	0.1	-	-	-	1.2	141
TOTAL %	0.0	0.0	0.0	0.0	0.0	2.9	37.4	22.2	6.1	31.1	0.3	0.0	100.0	
TOTAL N	0	0	0	0	2	341	4399	2617	718	3663	34	0		11774

STATION: 46025

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

Months: SEP, OCT, NOV (Autumn)

WAVE PERIOD	MEAN WAVE DIRECTION												TOT %	TOT N
	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	*	-	-	-	-	-	-	-	-	-	-	-	0.0	1
3.5 - 4.4	0.1	0.2	0.1	-	-	-	*	*	*	0.3	0.1	0.1	0.9	94
4.5 - 5.4	*	0.3	0.1	*	-	*	*	*	*	2.2	0.2	*	2.9	299
5.5 - 6.4	*	*	-	-	-	-	-	*	0.2	6.0	0.2	-	6.4	661
6.5 - 7.4	-	-	-	-	-	-	-	-	0.4	4.7	0.1	-	5.1	529
7.5 - 8.4	-	-	-	-	-	*	*	*	0.4	2.7	*	-	3.2	329
8.5 - 9.4	-	-	-	-	-	0.1	0.2	0.2	0.4	1.6	*	-	2.5	253
9.5 - 10.4	-	-	-	-	*	0.1	1.1	0.9	0.9	2.5	*	-	5.6	578
10.5 - 11.4	-	-	-	-	-	0.4	2.4	2.2	2.9	4.3	0.1	-	12.3	1265
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	-	-	-	*	0.3	3.3	3.9	6.1	6.0	0.2	-	19.9	2055
13.5 - 14.4	-	-	-	-	*	0.6	9.5	9.4	5.4	4.1	0.2	-	29.1	3005
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	-	-	*	-	0.2	4.0	4.4	1.2	1.3	0.1	-	11.2	1156
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	-	-	-	-	*	0.3	0.3	0.2	0.1	-	-	0.9	93
TOTAL %	0.1	0.6	0.2	0.0	0.0	1.8	20.9	21.3	18.1	35.6	1.2	0.1	100.0	
TOTAL N	11	58	22	2	3	186	2156	2198	1871	3674	122	15		10318

STATION: 46025

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

Month: JAN

WAVE HEIGHT	MEAN WAVE DIRECTION												TOT %	TOT N
	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
< 0.5	-	-	-	-	-	-	0.2	*	-	*	-	-	0.2	7
0.5 - 1.4	0.2	0.2	0.1	0.5	0.2	0.2	1.4	2.1	19.1	32.4	1.1	0.1	57.7	1880
1.5 - 2.4	*	0.1	0.2	0.5	0.1	0.4	1.1	0.7	6.6	25.1	0.4	-	35.1	1146
2.5 - 3.4	-	-	-	0.1	-	0.2	0.1	0.1	1.4	4.5	0.2	-	6.6	214
3.5 - 4.4	-	-	-	-	-	-	-	*	0.1	0.2	-	-	0.4	13
4.5 - 5.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
5.5 - 6.4	-	-	-	-	-	-	-	*	-	-	-	-	0.0	1
TOTAL %	0.2	0.3	0.3	1.1	0.3	0.8	2.8	3.0	27.2	62.3	1.7	0.1	100.0	
TOTAL N	6	10	9	36	10	25	90	98	887	2030	56	4		3261



(\* < 0.05%)

STATION: 46025

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

Month: FEB

WAVE HEIGHT	MEAN WAVE DIRECTION												TOT %	TOT N
	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	*	0.3	0.2	-	-	0.1	0.9	3.2	17.6	33.1	1.2	-	56.7	1927
1.5 - 2.4	*	0.6	0.1	-	0.1	0.1	1.0	1.2	6.5	27.6	0.4	-	37.6	1279
2.5 - 3.4	-	-	-	*	*	0.1	0.7	0.1	1.2	3.3	0.2	-	5.7	193
3.5 - 4.4	-	-	-	-	-	-	-	-	-	0.1	-	-	0.1	2
TOTAL %	0.1	0.9	0.3	0.0	0.2	0.4	2.5	4.5	25.4	64.0	1.8	0.0	100.0	
TOTAL N	2	29	10	1	6	13	86	154	863	2176	61	0		3401

(\* < 0.05%)

STATION: 46025

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

Month: MAR

WAVE HEIGHT	MEAN WAVE DIRECTION												TOT %	TOT N
	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	-	0.1	-	-	-	0.1	2.0	8.7	27.0	33.4	0.8	*	72.0	2707
1.5 - 2.4	-	-	-	-	0.1	0.4	0.9	1.3	5.7	16.7	0.5	*	25.6	961
2.5 - 3.4	-	-	-	-	-	0.1	-	0.1	0.7	1.5	-	-	2.4	90
3.5 - 4.4	-	-	-	-	-	-	-	-	*	-	-	-	0.0	1
TOTAL %	0.0	0.1	0.0	0.0	0.1	0.6	2.9	10.0	33.4	51.6	1.4	0.1	100.0	
TOTAL N	0	2	0	0	3	23	109	375	1255	1939	51	2		3759

(\* < 0.05%)

STATION: 46025

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

Month: APR

WAVE HEIGHT	MEAN WAVE DIRECTION												TOT %	TOT N
	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	-	0.1	0.1	-	-	0.1	4.8	17.0	13.8	29.6	0.6	*	66.1	2516
1.5 - 2.4	-	0.1	0.1	-	-	*	0.2	0.7	2.0	27.6	1.2	-	31.9	1216
2.5 - 3.4	-	-	-	-	-	-	-	-	-	1.7	0.2	-	1.9	74
3.5 - 4.4	-	-	-	-	-	-	-	-	-	-	*	-	0.0	1
TOTAL %	0.0	0.2	0.2	0.0	0.0	0.1	5.1	17.7	15.8	58.9	2.1	0.0	100.0	
TOTAL N	0	6	6	0	0	4	193	672	603	2243	79	1		3807

(\* < 0.05%)

STATION: 46025

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

Month: MAY

WAVE HEIGHT	MEAN WAVE DIRECTION												TOT %	TOT N
	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	-	-	-	-	*	0.3	19.2	26.0	11.5	23.7	0.1	-	80.9	3116
1.5 - 2.4	-	-	-	-	-	-	0.7	1.2	1.2	15.7	0.1	-	19.0	732
2.5 - 3.4	-	-	-	-	-	-	-	-	-	0.1	0.1	-	0.2	6
TOTAL %	0.0	0.0	0.0	0.0	0.0	0.3	20.0	27.2	12.7	39.5	0.3	0.0	100.0	
TOTAL N	0	0	0	0	1	11	769	1049	490	1523	11	0		3854

(\* < 0.05%)

STATION: 46025

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

Month: JUN

WAVE HEIGHT	MEAN WAVE DIRECTION												TOT %	TOT N
	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	-	-	-	-	-	1.3	23.2	20.4	7.4	36.8	0.2	-	89.3	3269
1.5 - 2.4	-	-	-	-	-	-	0.2	0.7	0.3	9.3	0.2	-	10.6	390
2.5 - 3.4	-	-	-	-	-	-	-	-	-	0.1	*	-	0.1	3
TOTAL %	0.0	0.0	0.0	0.0	0.0	1.3	23.4	21.1	7.6	46.1	0.5	0.0	100.0	
TOTAL N	0	0	0	0	0	47	858	771	280	1688	18	0		3662

(\* < 0.05%)

STATION: 46025

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

Month: JUL

WAVE HEIGHT	MEAN WAVE DIRECTION												TOT %	TOT N
	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
< 0.5	-	-	-	-	-	-	*	0.1	-	-	-	-	0.1	5
0.5 - 1.4	-	-	-	-	-	2.1	41.8	26.2	5.9	20.3	0.1	-	96.4	3895
1.5 - 2.4	-	-	-	-	-	0.4	1.0	0.6	*	1.4	-	-	3.4	139
TOTAL %	0.0	0.0	0.0	0.0	0.0	2.5	42.9	26.9	5.9	21.7	0.1	0.0	100.0	
TOTAL N	0	0	0	0	0	99	1733	1085	239	877	6	0		4039

(\* < 0.05%)

STATION: 46025

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

Month: AUG

WAVE HEIGHT	MEAN WAVE DIRECTION												TOT %	TOT N
	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
< 0.5	-	-	-	-	-	-	*	-	-	-	-	-	0.0	1
0.5 - 1.4	-	-	-	-	*	4.7	44.3	18.7	4.8	25.7	0.2	-	98.5	4012
1.5 - 2.4	-	-	-	-	-	0.1	*	-	0.1	1.3	*	-	1.5	60
TOTAL %	0.0	0.0	0.0	0.0	0.0	4.8	44.4	18.7	4.9	27.0	0.2	0.0	100.0	
TOTAL N	0	0	0	0	2	195	1808	761	199	1098	10	0		4073

(\* < 0.05%)

STATION: 46025

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

Month: SEP

WAVE HEIGHT	MEAN WAVE DIRECTION												TOT %	TOT N
	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
< 0.5	-	-	-	-	-	-	-	-	-	-	*	-	0.0	1
0.5 - 1.4	-	-	-	*	*	1.9	33.9	25.2	13.5	23.4	0.2	*	98.2	3883
1.5 - 2.4	-	-	-	-	-	0.4	0.3	0.1	0.3	0.9	*	-	1.8	72
TOTAL %	0.0	0.0	0.0	0.0	0.0	2.3	34.2	25.2	13.7	24.2	0.3	0.0	100.0	
TOTAL N	0	0	0	1	1	91	1352	997	543	959	11	1		3956

(\* < 0.05%)

STATION: 46025

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

Month: OCT

WAVE HEIGHT	MEAN WAVE DIRECTION												TOT %	TOT N
	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
< 0.5	-	-	-	-	-	-	*	0.1	-	-	-	-	0.1	3
0.5 - 1.4	0.2	0.4	0.1	*	0.1	2.3	16.5	24.2	17.8	27.7	0.8	0.3	90.1	2971
1.5 - 2.4	-	0.2	0.1	-	-	0.2	0.2	0.4	1.1	6.5	0.6	-	9.3	305
2.5 - 3.4	-	-	-	-	-	-	-	-	-	0.4	0.2	-	0.5	17
3.5 - 4.4	-	-	-	-	-	-	-	-	-	*	-	-	0.0	1
TOTAL %	0.2	0.5	0.1	0.0	0.1	2.5	16.7	24.7	18.9	34.6	1.5	0.3	100.0	
TOTAL N	5	17	4	1	2	82	550	813	624	1140	50	9		3297

(\* < 0.05%)

STATION: 46025

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

Month: NOV

WAVE HEIGHT	MEAN WAVE DIRECTION												TOT %	TOT N
	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
< 0.5	-	-	-	-	-	-	-	0.1	-	0.1	-	-	0.2	5
0.5 - 1.4	0.1	0.9	0.5	-	-	0.4	8.2	12.6	22.3	36.6	0.9	0.1	82.6	2532
1.5 - 2.4	0.1	0.5	0.1	-	-	-	0.1	-	0.7	13.3	0.9	*	15.6	479
2.5 - 3.4	-	-	-	-	-	-	-	-	-	1.4	0.2	-	1.6	49
TOTAL %	0.2	1.3	0.6	0.0	0.0	0.4	8.3	12.7	23.0	51.4	2.0	0.2	100.0	
TOTAL N	6	41	18	0	0	13	254	388	704	1575	61	5		3065

(\* < 0.05%)

STATION: 46025

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

Month: DEC

MEAN WAVE DIRECTION

WAVE HEIGHT	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34	TOT %	TOT N
< 0.5	-	-	-	-	-	-	*	-	-	-	-	-	0.0	1
0.5 - 1.4	*	0.6	0.2	0.1	0.1	0.3	2.9	7.3	21.9	34.4	0.2	0.1	68.3	2139
1.5 - 2.4	0.2	1.2	0.3	0.2	-	0.2	0.7	1.2	3.3	18.6	1.0	0.1	26.9	843
2.5 - 3.4	-	-	-	-	-	-	*	0.3	0.4	3.2	0.4	-	4.4	137
3.5 - 4.4	-	-	-	-	-	-	-	-	-	0.4	-	-	0.4	13
TOTAL %	0.2	1.9	0.5	0.2	0.1	0.5	3.6	8.8	25.7	56.6	1.7	0.2	100.0	
TOTAL N	6	58	17	7	3	15	114	276	805	1774	52	6		3133

(\* < 0.05%)

STATION: 46025

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

All Months: Annual

MEAN WAVE DIRECTION

WAVE HEIGHT	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34	TOT %	TOT N
< 0.5	-	-	-	-	-	-	*	*	-	*	*	-	0.1	23
0.5 - 1.4	*	0.2	0.1	*	*	1.2	17.7	16.4	14.8	29.4	0.5	0.1	80.5	34847
1.5 - 2.4	*	0.2	0.1	*	*	0.2	0.5	0.7	2.2	13.2	0.4	*	17.6	7622
2.5 - 3.4	-	-	-	*	*	*	0.1	*	0.3	1.3	0.1	-	1.8	783
3.5 - 4.4	-	-	-	-	-	-	-	*	*	0.1	*	-	0.1	31
4.5 - 5.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
5.5 - 6.4	-	-	-	-	-	-	-	*	-	-	-	-	0.0	1
TOTAL %	0.1	0.4	0.1	0.1	0.1	1.4	18.3	17.2	17.3	43.9	1.1	0.1	100.0	
TOTAL N	25	163	64	46	28	618	7916	7439	7492	19022	466	28		43307

(\* < 0.05%)

STATION: 46025

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

Months: DEC, JAN, FEB (Winter)

MEAN WAVE DIRECTION

WAVE HEIGHT	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34	TOT %	TOT N
< 0.5	-	-	-	-	-	-	0.1	*	-	*	-	-	0.1	8
0.5 - 1.4	0.1	0.4	0.2	0.2	0.1	0.2	1.7	4.2	19.5	33.3	0.8	0.1	60.7	5946
1.5 - 2.4	0.1	0.6	0.2	0.2	0.1	0.2	0.9	1.1	5.5	23.9	0.6	*	33.4	3268
2.5 - 3.4	-	-	-	*	*	0.1	0.3	0.1	1.0	3.7	0.3	-	5.6	544
3.5 - 4.4	-	-	-	-	-	-	-	*	*	0.2	-	-	0.3	28
4.5 - 5.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
5.5 - 6.4	-	-	-	-	-	-	-	*	-	-	-	-	0.0	1
TOTAL %	0.1	1.0	0.4	0.4	0.2	0.5	3.0	5.4	26.1	61.1	1.7	0.1	100.0	
TOTAL N	14	97	36	44	19	53	290	528	2555	5980	169	10		9795

(\* < 0.05%)

STATION: 46025

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

Months: MAR, APR, MAY (Spring)

MEAN WAVE DIRECTION

WAVE HEIGHT	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34	TOT %	TOT N
< 0.5	-	-	-	-	-	-	-	*	-	-	-	-	0.0	0
0.5 - 1.4	-	*	*	-	*	0.1	8.8	17.3	17.4	28.9	0.5	*	73.0	8339
1.5 - 2.4	-	*	*	-	*	0.1	0.6	1.0	3.0	20.0	0.6	*	25.5	2909
2.5 - 3.4	-	-	-	-	-	*	-	*	0.2	1.1	0.1	-	1.5	170
3.5 - 4.4	-	-	-	-	-	-	-	-	*	-	*	-	0.0	2
TOTAL %	0.0	0.1	0.1	0.0	0.0	0.3	9.4	18.4	20.6	50.0	1.2	0.0	100.0	
TOTAL N	0	8	6	0	4	38	1071	2096	2348	5705	141	3		11420

(\* < 0.05%)

STATION: 46025

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

Months: JUN, JUL, AUG (Summer)

MEAN WAVE DIRECTION

WAVE HEIGHT	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34	TOT %	TOT N
< 0.5	-	-	-	-	-	-	*	*	-	-	-	-	0.1	6
0.5 - 1.4	-	-	-	-	*	2.7	36.9	21.8	6.0	27.3	0.2	-	94.9	11176
1.5 - 2.4	-	-	-	-	-	0.2	0.4	0.4	0.1	3.8	0.1	-	5.0	589
2.5 - 3.4	-	-	-	-	-	-	-	-	-	*	*	-	0.0	3
TOTAL %	0.0	0.0	0.0	0.0	0.0	2.9	37.4	22.2	6.1	31.1	0.3	0.0	100.0	
TOTAL N	0	0	0	0	2	341	4399	2617	718	3663	34	0		11774

(\* < 0.05%)

STATION: 46025

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

Months: SEP, OCT, NOV (Autumn)

WAVE HEIGHT	MEAN WAVE DIRECTION												TOT %	TOT N
	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
< 0.5	-	-	-	-	-	-	*	*	-	*	*	-	0.1	9
0.5 - 1.4	0.1	0.4	0.2	*	*	1.6	20.7	21.1	17.5	28.7	0.6	0.1	91.0	9386
1.5 - 2.4	*	0.2	*	-	-	0.2	0.2	0.2	0.7	6.4	0.5	*	8.3	856
2.5 - 3.4	-	-	-	-	-	-	-	-	-	0.5	0.1	-	0.6	66
3.5 - 4.4	-	-	-	-	-	-	-	-	-	*	-	-	0.0	1
TOTAL %	0.1	0.6	0.2	0.0	0.0	1.8	20.9	21.3	18.1	35.6	1.2	0.1	100.0	
TOTAL N	11	58	22	2	3	186	2156	2198	1871	3674	122	15		10318

(\* < 0.05%)

Summary complete: 09-Sep-2003 05:27:49