

ELEMENT: AIR - SEA TEMPERATURE (DEGREES C) -- POR: (11/1980 - 12/2001) (129974 RECORDS, 89.9% HAVE ELEMENT)

Table with 14 columns (JAN-ANN) and 2 sub-columns (F, CPF) for each month. Rows include monthly data from 11 down to -10, and summary rows: MEAN, S.D., TOTAL, MAX, DATE, MIN, DATE. Includes a note (* < 0.05% , # = 100.0%)

STATION: 46012

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

ELEMENT: DEW POINT TEMPERATURE (DEGREES C) -- POR: (5/2001 - 12/2001) (5590 RECORDS, 3.9% HAVE ELEMENT)

Table with 14 columns (JAN-ANN) and 2 sub-columns (F, CPF) for each month. Rows include monthly data from 16 down to 0, and summary rows: MEAN, S.D., TOTAL, MAX, DATE, MIN, DATE. Includes a note (* < 0.05% , # = 100.0%)

STATION: 46012

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

ELEMENT: AIR - DEW POINT TEMPERATURE (DEGREES C) -- POR: (5/2001 - 12/2001) (5589 RECORDS, 3.9% HAVE ELEMENT)

Table header for the second dew point temperature section, showing columns for months (JAN-ANN) and frequency (F, CPF).

0	-	-	-	-	-	-	-	-	-	-	-	3	*	-	-	3	*
MEAN	12.8	12.7	12.4	11.2	10.1	9.6	9.7	9.5	10.7	11.4	12.2	12.9	11.3				
S.D.	2.9	2.9	2.9	2.8	2.9	2.7	3.0	3.1	3.1	2.8	2.8	2.8	3.2				
TOTAL	12973	10377	10321	9319	9641	10041	10529	12812	13422	13929	13605	14981	141950				
MAX	25.0	25.0	25.0	20.0	20.0	20.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0				
DATE	2001011821	2000021407	1999032511	2001040511	2001052009	1998062222	1996072407	1984081822	1991092422	2001101401	2001110908	2001122708	2001122708				
MIN	2.9	2.6	2.9	3.4	3.7	3.1	3.3	2.6	3.2	2.8	0.0	2.9	0.0				
DATE	1982010910	1981020821	1981031814	1981041506	1984050804	1982062409	1988072018	1982083101	1983092121	1981101600	1980112415	1980120920	1980112415				

(* < 0.05% , # = 100.0%)

ELEMENT SUMMARY FOR STATION: 46012

(A) TOTAL STD MET RECORDS READ = 144627
 (B) TOTAL CWIND RECORDS READ = 143664
 (C) TOTAL RECORDS USED IN STATS = 288291

	AIR TMP	SEA TMP	AIR-SEA	DEWPT	SLP	AVWS	PKGS-8M	PKGS-5S	SIGWVHT	AVWVPD	DWVPD	VSBY
(D) ELEMENT RECORDS AVAILABLE	139981	133847	129974	5590	143177	140780	139826	23086	141999	141933	141950	0
(E) ELEMENT OUT OF RANGE	4646	10780	14653	139037	1450	3847	4801	120578	2628	2694	2677	144627

STATION: 46012 -- POR (11/1980 - 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
1980	MEAN	-	-	-	-	-	-	-	-	-	-	12.3	12.7	12.6
	MAXIMUM	-	-	-	-	-	-	-	-	-	-	15.2	17.8	17.8
	DAY-HR	-	-	-	-	-	-	-	-	-	-	24-18	15-18	DEC
	MINIMUM	-	-	-	-	-	-	-	-	-	-	10.1	8.9	8.9
	DAY-HR	-	-	-	-	-	-	-	-	-	-	29-02	08-14	DEC
	# OBS	-	-	-	-	-	-	-	-	-	-	155	737	892
1981	MEAN	12.8	12.5	11.9	10.6	11.3	12.3	12.1	13.1	13.4	12.9	13.8	12.8	12.5
	MAXIMUM	16.6	18.4	14.2	12.9	13.3	15.5	13.8	16.0	16.3	17.2	18.7	15.4	18.7
	DAY-HR	11-22	22-01	17-21	29-18	30-01	08-18	10-02	19-23	14-01	31-22	01-20	08-22	NOV
	MINIMUM	9.8	7.9	8.7	8.2	9.4	10.4	9.7	10.6	10.6	9.9	9.8	10.2	7.9
	DAY-HR	30-01	25-09	13-09	14-17	06-14	25-17	19-15	06-19	06-04	22-18	28-15	28-16	FEB
	# OBS	732	667	724	720	739	718	744	743	707	722	719	735	8670
1982	MEAN	10.4	-	-	11.9	11.3	12.7	13.6	14.1	14.4	14.5	14.0	12.8	13.1
	MAXIMUM	14.3	-	-	13.3	14.0	16.6	16.3	17.0	16.8	18.8	19.4	16.0	19.4
	DAY-HR	10-00	-	-	25-19	05-23	27-01	18-23	29-18	18-23	10-00	04-00	08-23	NOV
	MINIMUM	6.8	-	-	10.3	9.4	10.4	11.5	11.7	11.8	10.8	9.2	9.1	6.8
	DAY-HR	21-13	-	-	30-14	11-16	08-16	30-17	07-16	06-18	13-06	10-03	31-16	JAN
	# OBS	608	-	-	175	738	719	740	741	716	741	720	744	6642
1983	MEAN	13.1	13.2	12.7	12.1	12.3	12.8	14.3	15.8	16.4	15.9	14.4	12.5	13.8
	MAXIMUM	18.6	14.7	15.2	15.2	17.1	16.6	15.8	19.0	21.9	20.2	16.8	15.1	21.9
	DAY-HR	11-11	28-23	01-00	06-01	20-03	07-01	22-22	21-01	20-11	28-00	06-23	25-01	SEP
	MINIMUM	9.7	11.0	9.9	9.8	10.5	10.9	12.5	13.2	13.5	12.7	10.2	7.7	7.7
	DAY-HR	20-14	08-03	18-10	12-17	27-16	14-11	11-20	13-14	18-11	21-15	23-03	22-22	DEC
	# OBS	638	506	741	710	741	712	743	743	718	739	716	620	8327
1984	MEAN	12.0	12.2	12.6	11.5	12.0	12.3	14.4	14.8	15.6	14.5	13.6	12.1	13.2
	MAXIMUM	17.9	15.0	14.4	16.3	16.6	14.0	17.2	17.0	19.4	19.4	15.9	18.5	19.4
	DAY-HR	27-08	07-03	19-22	14-20	20-19	29-11	13-22	29-02	25-16	04-19	05-09	07-01	OCT
	MINIMUM	9.0	10.2	9.5	9.4	10.6	10.7	11.9	13.1	13.0	11.5	11.1	8.0	8.0
	DAY-HR	16-09	02-13	31-07	26-18	29-16	14-16	10-17	21-11	29-14	30-10	26-16	16-00	DEC
	# OBS	743	227	458	718	738	713	731	677	716	743	714	737	7915
1985	MEAN	11.7	11.6	10.7	11.5	12.0	13.6	14.1	14.8	15.0	13.9	11.6	12.7	12.8
	MAXIMUM	15.6	18.2	13.0	15.1	15.7	15.8	19.4	18.6	17.8	25.6	14.8	17.8	25.6
	DAY-HR	03-21	23-14	10-01	16-20	22-17	07-22	01-20	18-00	27-19	03-19	15-23	25-02	OCT
	MINIMUM	8.5	9.2	7.3	9.2	10.0	11.4	11.1	12.8	12.3	11.5	8.3	8.4	7.3
	DAY-HR	20-16	24-18	05-16	21-03	02-13	02-07	15-15	10-11	25-14	16-06	11-17	11-16	MAR
	# OBS	738	667	739	716	743	718	742	742	718	740	717	738	8718
1986	MEAN	13.5	13.4	13.5	12.1	12.0	14.0	12.7	13.1	14.2	13.3	12.6	12.4	13.1
	MAXIMUM	17.2	19.2	18.0	16.5	14.2	18.0	14.4	15.4	16.8	17.9	18.3	15.9	19.2
	DAY-HR	26-00	26-22	29-20	08-19	20-23	16-20	25-00	17-10	18-01	04-23	01-21	17-00	FEB
	MINIMUM	10.4	10.8	9.7	10.2	10.1	11.0	10.4	11.3	12.4	10.4	7.8	8.6	7.8
	DAY-HR	10-16	08-17	16-04	30-13	18-17	23-09	30-14	07-17	05-08	15-14	27-16	12-15	NOV
	# OBS	740	667	735	717	735	713	166	740	717	740	701	743	8114
1987	MEAN	11.7	-	-	-	-	12.2	13.5	14.2	14.2	14.2	13.6	11.6	13.3
	MAXIMUM	14.1	-	-	-	-	14.4	15.6	17.2	16.4	19.4	15.7	15.0	19.4
	DAY-HR	01-22	-	-	-	-	20-20	13-00	23-02	15-01	05-20	10-20	06-23	OCT
	MINIMUM	8.0	-	-	-	-	10.2	11.3	11.6	11.3	10.5	10.6	7.0	7.0

	DAY-HR	06-16	-	-	-	-	25-02	14-17	03-16	29-14	18-16	27-16	31-14	DEC
	# OBS	333	-	-	-	-	333	740	739	681	740	715	741	5022
1988	MEAN	11.3	11.3	10.9	11.3	11.5	-	12.2	12.3	13.0	12.9	12.7	11.4	11.8
	MAXIMUM	15.7	16.2	14.8	16.7	14.9	-	14.8	16.7	16.2	20.6	17.5	18.2	20.6
	DAY-HR	26-00	11-12	31-22	09-19	21-02	-	31-23	23-01	26-01	16-20	29-23	08-23	OCT
	MINIMUM	8.2	8.1	8.2	7.8	9.6	-	9.8	7.2	10.0	10.8	9.0	5.1	5.1
	DAY-HR	01-08	02-16	19-12	02-16	05-12	-	30-06	22-09	24-03	25-17	14-07	28-18	DEC
	# OBS	742	695	741	715	741	-	60	738	343	743	718	742	6978
1989	MEAN	10.3	9.1	11.0	12.4	12.2	12.8	12.9	13.6	14.0	13.9	13.4	12.9	12.4
	MAXIMUM	15.7	13.2	13.6	16.7	15.9	16.7	15.0	16.0	17.5	18.5	21.6	16.2	21.6
	DAY-HR	20-03	21-23	28-00	05-23	04-02	22-22	03-01	30-01	25-20	09-22	19-00	14-21	NOV
	MINIMUM	7.1	2.0	8.0	8.3	9.9	9.9	9.9	11.7	11.0	10.3	10.1	9.3	2.0
	DAY-HR	01-07	06-15	03-17	24-08	14-15	02-07	24-07	13-20	04-07	04-14	21-04	17-10	FEB
	# OBS	741	667	740	719	730	715	743	739	714	743	719	737	8707
1990	MEAN	11.9	9.9	10.4	-	-	13.2	14.0	15.0	15.8	13.3	12.1	9.7	12.7
	MAXIMUM	15.9	13.5	12.3	-	-	15.0	17.3	18.0	19.8	18.4	17.1	15.8	19.8
	DAY-HR	25-00	23-22	03-06	-	-	22-22	17-18	17-20	25-23	09-22	12-03	09-20	SEP
	MINIMUM	7.6	5.3	8.0	-	-	12.2	11.2	12.2	13.0	10.7	9.1	1.7	1.7
	DAY-HR	17-12	14-12	11-13	-	-	24-17	27-07	11-13	05-15	27-17	10-12	22-12	DEC
	# OBS	742	670	284	-	-	228	740	743	713	740	719	744	6323
1991	MEAN	11.0	11.1	10.6	11.5	-	-	13.4	14.3	13.4	13.6	12.2	11.7	12.2
	MAXIMUM	15.4	14.0	13.8	12.8	-	-	14.5	19.1	16.2	17.6	16.1	14.0	19.1
	DAY-HR	22-02	20-23	05-00	06-06	-	-	31-23	13-21	03-02	20-19	08-04	27-15	AUG
	MINIMUM	8.2	7.8	6.8	10.3	-	-	12.6	12.6	10.8	11.3	10.0	8.3	6.8
	DAY-HR	20-17	24-16	26-14	07-14	-	-	30-15	05-16	24-16	14-14	27-00	05-11	MAR
	# OBS	741	672	742	179	-	-	42	738	720	741	718	741	6034
1992	MEAN	11.9	13.2	13.4	13.6	13.5	13.7	15.0	13.9	14.6	15.2	14.1	12.4	13.7
	MAXIMUM	15.1	16.6	15.3	15.7	16.3	17.2	17.6	16.2	19.9	18.9	17.0	15.2	19.9
	DAY-HR	19-01	28-01	26-00	30-01	20-00	26-21	19-00	11-23	26-17	10-22	01-22	09-18	SEP
	MINIMUM	7.9	8.7	11.0	10.6	11.7	10.9	12.0	11.7	11.7	12.5	11.6	8.8	7.9
	DAY-HR	23-16	26-17	30-15	25-15	30-17	20-16	29-08	18-16	28-14	11-16	15-17	30-06	JAN
	# OBS	739	688	731	719	743	717	741	736	708	733	708	737	8700
1993	MEAN	11.7	12.6	-	-	-	-	-	-	-	-	-	12.3	12.1
	MAXIMUM	15.1	15.7	-	-	-	-	-	-	-	-	-	14.9	15.7
	DAY-HR	31-00	04-21	-	-	-	-	-	-	-	-	-	03-20	FEB
	MINIMUM	7.4	8.8	-	-	-	-	-	-	-	-	-	7.1	7.1
	DAY-HR	12-21	20-16	-	-	-	-	-	-	-	-	-	22-17	DEC
	# OBS	729	450	-	-	-	-	-	-	-	-	-	712	1891
1994	MEAN	12.4	11.6	12.1	11.7	11.9	12.1	11.5	13.8	14.3	-	-	-	12.3
	MAXIMUM	16.1	13.7	16.3	14.4	13.7	14.5	13.3	17.0	21.6	-	-	-	21.6
	DAY-HR	18-01	27-20	12-19	18-20	06-00	06-01	07-20	28-00	27-15	-	-	-	SEP
	MINIMUM	9.7	7.9	8.5	9.1	10.2	10.3	9.8	11.9	11.8	-	-	-	7.9
	DAY-HR	28-20	18-17	22-17	12-12	27-17	01-16	09-13	18-18	07-00	-	-	-	FEB
	# OBS	732	646	731	705	721	708	386	319	525	-	-	-	5473
1995	MEAN	-	-	-	-	-	-	14.8	13.8	14.6	13.7	12.5	12.3	13.4
	MAXIMUM	-	-	-	-	-	-	16.0	16.4	16.8	18.4	14.3	15.3	18.4
	DAY-HR	-	-	-	-	-	-	29-01	20-02	17-01	05-15	07-20	12-16	OCT
	MINIMUM	-	-	-	-	-	-	12.8	12.0	12.5	10.6	10.2	9.4	9.4
	DAY-HR	-	-	-	-	-	-	28-18	31-16	20-14	06-15	20-14	10-03	DEC
	# OBS	-	-	-	-	-	-	100	731	714	741	713	742	3741
1996	MEAN	12.0	12.1	12.3	12.4	11.9	11.5	12.6	12.8	13.3	13.2	12.1	12.3	12.4
	MAXIMUM	15.7	17.6	17.3	15.3	14.4	12.9	14.1	16.8	16.0	18.8	16.8	15.5	18.8
	DAY-HR	11-23	13-22	08-01	24-01	01-00	30-02	28-07	25-22	14-23	08-21	10-00	15-03	OCT
	MINIMUM	8.1	6.3	9.9	9.9	10.2	9.5	10.5	10.9	11.3	10.2	9.0	9.4	6.3
	DAY-HR	22-05	24-23	22-18	07-16	10-14	02-12	02-16	09-15	29-16	30-14	11-10	02-15	FEB
	# OBS	737	689	742	737	742	719	836	789	715	736	695	741	8878
1997	MEAN	11.6	11.6	10.5	11.1	13.3	13.0	13.4	-	-	-	-	-	11.9
	MAXIMUM	14.5	15.3	13.7	14.4	18.8	16.5	15.6	-	-	-	-	-	18.8
	DAY-HR	01-18	15-20	30-01	20-22	17-15	01-00	01-02	-	-	-	-	-	MAY
	MINIMUM	4.8	8.9	8.7	8.6	9.7	11.0	11.7	-	-	-	-	-	4.8
	DAY-HR	14-12	28-15	18-10	14-17	02-14	10-04	01-18	-	-	-	-	-	JAN
	# OBS	740	659	744	714	739	718	214	-	-	-	-	-	4528
1998	MEAN	-	-	-	-	-	13.3	13.4	13.5	14.4	13.8	12.6	10.4	13.0
	MAXIMUM	-	-	-	-	-	14.5	16.5	16.0	16.7	18.0	15.2	16.0	18.0
	DAY-HR	-	-	-	-	-	22-00	31-00	04-17	14-02	07-00	24-03	16-20	OCT
	MINIMUM	-	-	-	-	-	11.7	10.5	11.4	11.8	10.2	9.6	3.6	3.6
	DAY-HR	-	-	-	-	-	19-00	07-10	27-08	01-15	19-16	10-22	21-18	DEC
	# OBS	-	-	-	-	-	263	727	783	713	738	716	733	4673
1999	MEAN	10.7	10.4	10.0	9.9	9.7	-	-	13.7	13.5	13.4	12.8	11.4	11.4
	MAXIMUM	16.6	12.9	12.1	18.0	11.7	-	-	14.4	18.0	16.4	15.7	16.4	18.0
	DAY-HR	03-11	09-11	21-01	15-18	07-03	-	-	31-01	28-19	17-01	01-22	20-17	SEP
	MINIMUM	7.4	7.5	7.1	6.7	8.7	-	-	12.6	10.5	10.5	10.5	7.1	6.7

	DAY-HR	24-13	24-15	11-13	09-02	11-16	-	-	31-17	29-14	19-14	14-08	31-08	APR
	# OBS	736	658	710	714	332	-	-	69	714	718	676	739	6066
2000	MEAN	11.4	11.9	11.3	-	-	-	-	13.3	14.6	13.5	11.4	12.0	12.6
	MAXIMUM	15.1	16.4	12.8	-	-	-	-	16.0	19.9	19.0	16.3	15.3	19.9
	DAY-HR	15-23	20-03	04-19	-	-	-	-	31-23	19-22	24-01	03-23	06-19	SEP
	MINIMUM	9.5	8.3	9.5	-	-	-	-	11.0	10.5	11.0	9.1	8.8	8.3
	DAY-HR	08-15	25-00	02-16	-	-	-	-	27-17	12-14	15-16	25-21	31-16	FEB
	# OBS	720	685	113	-	-	-	-	737	715	731	715	744	5160
2001	MEAN	11.2	10.6	11.3	10.0	11.7	12.2	13.0	13.7	13.4	13.4	12.8	11.7	12.1
	MAXIMUM	15.3	13.6	13.6	13.3	15.2	15.9	15.1	16.5	20.8	19.0	17.2	15.8	20.8
	DAY-HR	03-04	28-10	20-22	17-20	31-20	01-01	12-02	11-00	30-21	14-21	08-13	08-05	SEP
	MINIMUM	8.1	5.9	9.1	6.7	9.7	10.3	10.9	10.8	11.1	10.0	9.8	9.0	5.9
	DAY-HR	24-15	12-14	13-12	09-14	02-15	06-18	06-17	16-19	22-04	19-11	01-17	20-05	FEB
	# OBS	743	672	739	653	677	715	743	668	718	742	716	743	8529
POR	MEAN	11.7	11.6	11.6	11.6	12.0	12.8	13.5	13.9	14.4	13.8	12.9	12.0	12.7
	MAXIMUM	18.6	19.2	18.0	18.0	18.8	18.0	19.4	19.1	21.9	25.6	21.6	18.5	25.6
	YEAR	1983	1986	1986	1999	1997	1986	1985	1991	1983	1985	1989	1984	OCT/1985
	MINIMUM	4.8	2.0	6.8	6.7	8.7	9.5	9.7	7.2	10.0	9.9	7.8	1.7	1.7
	YEAR	1997	1989	1991	2001	1999	1996	1981	1988	1988	1981	1986	1990	DEC/1990
	# OBS	13374	10585	10414	9611	9859	9409	9938	12915	12985	13271	12970	14650	139981

STATION: 46012 -- POR (11/1980 - 12/2001)

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

ELEMENT: SEA TEMPERATURE (DEGREES C)

YEAR	ELEMENT	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1980	MEAN	-	-	-	-	-	-	-	-	-	-	11.8	12.6	12.5
	MAXIMUM	-	-	-	-	-	-	-	-	-	-	12.9	13.3	13.3
	DAY-HR	-	-	-	-	-	-	-	-	-	-	24-16	30-21	DEC
	MINIMUM	-	-	-	-	-	-	-	-	-	-	10.4	11.6	10.4
	DAY-HR	-	-	-	-	-	-	-	-	-	-	24-15	02-04	NOV
	# OBS	-	-	-	-	-	-	-	-	-	-	155	737	892
1981	MEAN	13.2	13.1	12.7	10.9	11.3	11.9	12.5	13.4	13.0	12.9	14.0	13.3	12.7
	MAXIMUM	13.9	14.3	14.0	12.8	13.8	14.5	13.8	15.5	15.1	14.2	15.3	14.1	15.5
	DAY-HR	24-00	23-01	23-00	01-01	26-03	08-22	09-22	24-21	16-23	02-02	23-02	08-00	AUG
	MINIMUM	12.2	12.6	12.0	10.1	9.7	10.3	11.3	12.1	11.5	12.1	12.7	12.3	9.7
	DAY-HR	01-13	27-17	31-16	28-15	06-14	15-13	19-15	10-17	06-14	28-07	03-14	29-12	MAY
	# OBS	732	667	724	720	739	718	744	743	707	723	719	735	8671
1982	MEAN	11.6	-	-	13.4	11.8	13.3	14.3	14.3	14.5	14.6	14.9	13.7	13.7
	MAXIMUM	12.4	-	-	15.1	13.4	15.6	16.2	15.9	15.9	16.1	16.1	15.3	16.2
	DAY-HR	01-08	-	-	26-00	28-01	27-02	10-04	06-01	01-08	23-23	03-23	01-17	JUL
	MINIMUM	10.9	-	-	12.1	10.3	12.2	12.5	12.9	12.7	13.5	13.7	12.4	10.3
	DAY-HR	21-05	-	-	29-18	18-13	02-17	21-02	02-15	11-15	09-08	10-10	27-02	MAY
	# OBS	608	-	-	175	738	719	740	740	716	743	720	744	6643
1983	MEAN	13.7	13.9	13.7	12.8	13.1	12.9	14.3	16.0	17.1	16.7	15.6	13.2	14.5
	MAXIMUM	14.6	14.6	14.8	14.9	15.0	15.9	16.4	18.8	18.5	18.3	17.2	14.2	18.8
	DAY-HR	26-23	21-01	28-22	02-02	08-01	07-02	19-23	22-23	04-10	04-23	06-23	03-01	AUG
	MINIMUM	13.1	13.3	12.9	11.6	11.6	11.3	12.6	14.5	15.1	15.2	13.9	12.1	11.3
	DAY-HR	12-12	21-15	28-17	13-15	16-17	21-16	09-13	17-09	16-14	31-15	30-08	22-10	JUN
	# OBS	639	506	742	710	741	712	743	743	719	739	719	620	8333
1984	MEAN	12.5	12.9	12.3	11.2	11.4	12.1	14.4	14.5	15.1	14.3	13.5	12.8	13.1
	MAXIMUM	13.2	13.3	13.7	14.0	13.6	13.7	17.1	16.2	17.2	17.3	14.8	13.9	17.3
	DAY-HR	28-23	07-23	13-01	14-23	03-02	29-02	02-01	29-00	09-01	13-00	17-03	07-22	OCT
	MINIMUM	11.7	12.4	11.0	9.8	9.7	10.5	12.0	13.6	14.0	12.5	12.0	12.0	9.7
	DAY-HR	15-11	11-16	30-16	27-16	26-07	11-09	03-04	20-15	24-06	31-13	03-16	25-06	MAY
	# OBS	743	227	458	719	739	714	738	679	716	744	716	737	7930
1985	MEAN	12.1	11.8	11.1	11.5	12.1	13.4	13.9	14.8	15.0	13.7	11.8	12.1	12.8
	MAXIMUM	12.8	12.7	12.3	13.6	14.8	15.5	16.7	16.5	16.4	16.7	12.9	12.7	16.7
	DAY-HR	09-00	15-01	01-00	16-23	28-23	05-22	31-22	01-00	06-04	06-00	02-00	20-00	OCT
	MINIMUM	11.6	11.3	10.2	9.6	10.6	11.9	11.7	13.4	13.1	12.5	11.0	11.5	9.6
	DAY-HR	26-17	21-16	29-10	26-17	05-16	13-16	17-15	31-23	01-13	25-13	22-14	17-15	APR
	# OBS	738	668	739	716	743	718	743	742	718	741	717	738	8721
1986	MEAN	13.2	13.1	13.8	12.0	11.7	-	13.3	14.0	14.3	14.0	12.6	13.5	13.2
	MAXIMUM	14.0	15.0	14.9	14.3	14.1	-	14.8	15.6	16.1	15.8	14.9	14.4	16.1
	DAY-HR	27-00	27-01	28-01	21-01	26-20	-	30-22	28-22	22-21	26-00	01-23	22-02	SEP
	MINIMUM	12.4	12.5	13.0	10.0	10.1	-	12.6	12.9	13.2	13.2	11.7	12.0	10.0
	DAY-HR	03-16	11-08	19-16	30-11	12-14	-	29-12	07-12	16-17	10-21	18-18	02-19	APR
	# OBS	740	667	734	718	735	-	167	740	718	739	701	743	7402

1987	MEAN	13.5	-	-	-	-	12.6	14.0	15.0	15.3	14.5	14.0	12.9	14.1
	MAXIMUM	14.1	-	-	-	-	14.3	16.6	17.2	16.7	16.1	15.6	14.1	17.2
	DAY-HR	03-00	-	-	-	-	20-23	20-22	22-01	04-00	05-20	09-23	10-23	AUG
	MINIMUM	12.8	-	-	-	-	11.3	11.7	12.4	13.7	13.3	12.5	11.7	11.3
	DAY-HR	13-13	-	-	-	-	26-13	17-18	05-15	30-13	04-10	29-16	31-19	JUN
	# OBS	333	-	-	-	-	333	739	739	681	739	716	741	5021
1988	MEAN	11.6	11.4	11.6	11.7	11.7	12.4	13.5	14.9	13.9	13.5	12.9	11.7	12.6
	MAXIMUM	12.5	12.4	12.8	13.6	14.0	14.5	16.7	16.9	15.7	15.0	14.4	13.5	16.9
	DAY-HR	10-23	21-00	20-01	12-00	20-22	02-21	18-02	06-23	02-04	07-23	06-11	01-23	AUG
	MINIMUM	10.9	10.9	10.4	10.6	9.8	10.9	11.2	13.6	12.9	12.4	11.9	10.7	9.8
	DAY-HR	20-19	03-16	30-15	15-10	30-17	29-22	04-16	21-18	15-12	24-11	30-16	30-11	MAY
	# OBS	742	695	741	715	743	713	738	739	716	743	718	742	8745
1989	MEAN	10.6	10.7	11.5	12.9	12.5	12.9	12.9	13.8	14.9	14.6	13.4	13.7	12.9
	MAXIMUM	12.1	12.1	13.5	14.8	15.9	16.8	15.2	15.5	17.5	17.3	15.6	14.5	17.5
	DAY-HR	30-21	22-01	31-23	21-01	04-01	22-22	11-00	22-19	25-20	09-23	01-21	16-00	SEP
	MINIMUM	10.2	10.1	10.5	11.8	10.3	11.0	10.8	12.1	14.0	12.7	12.4	13.0	10.1
	DAY-HR	19-04	05-14	06-16	13-18	28-19	20-17	27-07	04-16	03-17	21-05	16-17	04-15	FEB
	# OBS	741	668	740	719	730	715	742	739	714	743	719	736	8706
1990	MEAN	12.8	11.1	11.7	-	-	12.9	13.9	15.2	15.9	13.1	11.9	11.6	13.1
	MAXIMUM	13.9	12.2	12.4	-	-	15.1	16.6	17.7	18.6	15.7	13.2	13.3	18.6
	DAY-HR	01-06	03-02	03-22	-	-	27-23	05-22	16-22	04-23	01-01	11-22	10-00	SEP
	MINIMUM	12.0	10.2	11.0	-	-	11.9	12.3	13.7	14.0	12.0	11.0	10.7	10.2
	DAY-HR	31-19	22-17	12-12	-	-	30-15	01-17	06-08	22-14	28-16	28-17	24-08	FEB
	# OBS	742	670	283	-	-	228	740	743	712	740	719	744	6321
1991	MEAN	11.7	11.9	11.6	12.1	-	-	13.6	14.6	13.9	14.1	12.1	11.8	12.7
	MAXIMUM	12.3	12.9	13.2	13.7	-	-	14.2	15.8	16.5	15.4	13.7	13.0	16.5
	DAY-HR	13-20	07-22	08-23	05-23	-	-	31-23	29-01	02-23	22-05	01-21	31-23	SEP
	MINIMUM	11.3	11.1	11.1	11.4	-	-	13.0	13.2	12.8	12.7	11.1	10.7	10.7
	DAY-HR	10-15	28-01	26-15	08-10	-	-	31-07	06-15	15-15	31-15	30-20	09-19	DEC
	# OBS	741	672	742	179	-	-	42	738	720	742	718	741	6035
1992	MEAN	12.7	13.5	14.1	14.1	13.7	13.7	15.4	14.1	15.2	15.5	14.3	13.7	14.2
	MAXIMUM	13.4	15.0	15.2	16.0	15.9	17.1	18.0	16.7	16.7	16.6	16.5	14.7	18.0
	DAY-HR	28-23	28-03	31-23	10-22	18-00	30-23	20-00	11-22	04-02	21-22	01-21	10-18	JUL
	MINIMUM	12.3	12.9	13.6	12.2	12.1	11.5	12.9	13.0	14.2	14.5	13.2	12.6	11.5
	DAY-HR	14-16	04-20	01-14	22-15	05-02	21-19	24-18	25-09	25-07	17-16	25-15	31-20	JUN
	# OBS	739	688	731	719	743	717	741	736	706	733	712	736	8701
1993	MEAN	12.9	13.2	-	-	-	-	-	-	-	-	-	13.3	13.1
	MAXIMUM	13.8	14.0	-	-	-	-	-	-	-	-	-	14.1	14.1
	DAY-HR	28-01	07-02	-	-	-	-	-	-	-	-	-	05-04	DEC
	MINIMUM	12.6	12.4	-	-	-	-	-	-	-	-	-	12.8	12.4
	DAY-HR	08-14	16-17	-	-	-	-	-	-	-	-	-	30-11	FEB
	# OBS	727	449	-	-	-	-	-	-	-	-	-	713	1889
1994	MEAN	13.0	12.8	13.1	-	-	-	-	13.3	14.3	14.2	12.1	12.2	13.2
	MAXIMUM	13.6	13.4	14.4	-	-	-	-	14.4	17.3	17.2	14.1	13.0	17.3
	DAY-HR	20-03	13-00	09-22	-	-	-	-	30-01	30-00	08-22	06-15	10-21	SEP
	MINIMUM	12.5	12.2	10.3	-	-	-	-	12.2	13.4	11.3	11.3	11.3	10.3
	DAY-HR	15-19	17-19	12-14	-	-	-	-	23-04	26-12	17-17	30-07	03-01	MAR
	# OBS	734	643	276	-	-	-	-	314	712	730	707	425	4541
1995	MEAN	-	-	-	-	-	-	15.2	14.0	14.3	13.6	12.8	12.5	13.5
	MAXIMUM	-	-	-	-	-	-	16.5	15.7	16.0	15.0	14.2	13.2	16.5
	DAY-HR	-	-	-	-	-	-	28-00	06-05	19-23	06-00	01-09	30-08	JUL
	MINIMUM	-	-	-	-	-	-	14.2	12.5	12.9	12.1	11.8	11.7	11.7
	DAY-HR	-	-	-	-	-	-	29-16	20-16	04-16	13-18	30-17	05-16	DEC
	# OBS	-	-	-	-	-	-	100	731	713	741	713	741	3739
1996	MEAN	12.2	12.7	12.7	12.6	12.0	11.6	13.3	13.2	13.6	13.8	-	-	12.7
	MAXIMUM	13.6	14.2	14.5	14.4	14.1	13.0	14.5	14.5	15.2	15.7	-	-	15.7
	DAY-HR	13-12	15-01	18-23	24-02	19-20	30-23	30-23	31-23	15-21	19-18	-	-	OCT
	MINIMUM	11.3	11.7	11.3	11.6	10.6	10.5	11.4	11.8	12.8	12.8	-	-	10.5
	DAY-HR	31-03	28-17	29-16	28-15	30-10	28-07	10-10	09-14	26-16	21-17	-	-	JUN
	# OBS	737	689	742	737	742	719	836	789	715	461	-	-	7167
1998	MEAN	-	-	-	-	-	14.5	13.5	14.5	15.1	13.9	12.9	11.7	13.7
	MAXIMUM	-	-	-	-	-	15.7	16.0	16.7	16.4	16.5	14.8	13.6	16.7
	DAY-HR	-	-	-	-	-	21-23	30-22	05-05	07-00	07-21	26-23	03-09	AUG
	MINIMUM	-	-	-	-	-	13.3	11.4	13.3	14.0	11.7	11.7	10.2	10.2
	DAY-HR	-	-	-	-	-	19-15	04-19	17-07	11-12	31-15	11-03	28-07	DEC
	# OBS	-	-	-	-	-	263	726	783	712	737	715	731	4667
1999	MEAN	10.9	10.9	10.7	10.0	9.6	-	-	13.0	14.0	14.2	13.1	11.5	11.8
	MAXIMUM	11.7	12.0	12.0	13.3	11.8	-	-	13.6	16.4	15.7	13.7	13.3	16.4
	DAY-HR	22-03	28-01	23-23	16-22	07-02	-	-	29-23	13-23	02-00	19-03	01-05	SEP
	MINIMUM	10.2	10.5	9.8	8.7	8.6	-	-	12.2	12.1	12.6	12.2	10.5	8.6
	DAY-HR	11-16	15-19	15-16	30-10	16-12	-	-	31-06	02-16	31-14	06-21	29-14	MAY
	# OBS	737	656	708	713	331	-	-	68	713	717	676	739	6058

2000	MEAN	11.5	12.2	12.5	-	-	-	-	13.3	14.6	13.8	11.9	12.0	12.7
	MAXIMUM	12.6	13.1	12.9	-	-	-	-	15.7	17.5	15.2	13.7	12.9	17.5
	DAY-HR	23-02	17-22	04-20	-	-	-	-	31-23	20-00	06-23	04-10	28-00	SEP
	MINIMUM	10.6	11.7	12.1	-	-	-	-	11.7	13.3	12.1	11.0	11.3	10.6
	DAY-HR	03-18	04-18	05-17	-	-	-	-	01-01	22-16	31-11	30-09	03-17	JAN
	# OBS	720	685	113	-	-	-	-	733	713	727	715	744	5150
2001	MEAN	12.0	11.2	12.0	10.8	12.2	12.6	13.8	14.0	13.5	13.4	13.3	12.1	12.6
	MAXIMUM	12.9	12.2	13.6	13.3	16.5	15.3	16.0	16.8	16.3	15.4	14.4	13.6	16.8
	DAY-HR	03-07	01-22	21-00	17-19	08-02	01-00	12-22	12-22	30-22	01-00	18-22	07-01	AUG
	MINIMUM	11.4	10.5	11.3	9.7	9.7	11.3	12.4	12.6	12.6	12.0	12.2	10.8	9.7
	DAY-HR	31-18	15-17	29-18	15-04	03-15	05-16	07-15	31-03	03-15	30-21	08-14	23-13	MAY
	# OBS	743	672	740	642	674	715	743	666	719	742	716	743	8515
POR	MEAN	12.3	12.2	12.3	11.9	12.0	12.8	13.8	14.3	14.6	14.1	13.2	12.6	13.1
	MAXIMUM	14.6	15.0	15.2	16.0	16.5	17.1	18.0	18.8	18.6	18.3	17.2	15.3	18.8
	YEAR	1983	1992	1992	1992	2001	1992	1992	1983	1990	1983	1983	1982	AUG/1983
	MINIMUM	10.2	10.1	9.8	8.7	8.6	10.3	10.8	11.7	11.5	11.3	10.4	10.2	8.6
	YEAR	1999	1989	1999	1999	1999	1981	1989	2000	1981	1994	1980	1998	MAY/1999
	# OBS	12636	9922	9213	8182	8398	7984	10022	12905	13540	13724	12991	14330	133847

STATION: 46012 -- POR (5/2001 - 12/2001)

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
2001	MEAN	-	-	-	-	10.5	10.5	11.7	12.6	12.4	12.0	10.7	8.9	11.2
	MAXIMUM	-	-	-	-	13.9	14.5	13.9	15.2	14.6	14.7	14.9	13.6	15.2
	DAY-HR	-	-	-	-	31-23	01-02	30-19	06-06	27-02	03-02	22-12	02-13	AUG
	MINIMUM	-	-	-	-	8.2	7.6	9.9	10.6	10.4	8.0	0.3	3.2	0.3
	DAY-HR	-	-	-	-	30-03	03-18	11-17	16-19	06-15	25-02	27-20	15-13	NOV
	# OBS	-	-	-	-	554	715	743	664	718	741	714	741	5590
POR	MEAN	-	-	-	-	10.5	10.5	11.7	12.6	12.4	12.0	10.7	8.9	11.2
	MAXIMUM	-	-	-	-	13.9	14.5	13.9	15.2	14.6	14.7	14.9	13.6	15.2
	YEAR	-	-	-	-	2001	2001	2001	2001	2001	2001	2001	2001	AUG/2001
	MINIMUM	-	-	-	-	8.2	7.6	9.9	10.6	10.4	8.0	0.3	3.2	0.3
	YEAR	-	-	-	-	2001	2001	2001	2001	2001	2001	2001	2001	NOV/2001
	# OBS	-	-	-	-	554	715	743	664	718	741	714	741	5590

STATION: 46012 -- POR (11/1980 - 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
1980	MEAN	-	-	-	-	-	-	-	-	-	-	1023.3	1020.2	1020.7
	MAXIMUM	-	-	-	-	-	-	-	-	-	-	1029.5	1029.6	1029.6
	DAY-HR	-	-	-	-	-	-	-	-	-	-	24-18	10-18	DEC
	MINIMUM	-	-	-	-	-	-	-	-	-	-	1014.1	998.7	998.7
	DAY-HR	-	-	-	-	-	-	-	-	-	-	30-13	04-01	DEC
	# OBS	-	-	-	-	-	-	-	-	-	-	155	737	892
1981	MEAN	1017.6	1019.7	1017.6	1018.4	1016.2	1015.1	1015.2	1014.5	1015.9	1016.7	1017.7	1020.3	1017.0
	MAXIMUM	1029.5	1029.1	1026.7	1027.5	1022.1	1022.6	1018.8	1020.4	1021.5	1026.1	1029.0	1029.1	1029.5
	DAY-HR	31-20	01-19	16-20	04-19	08-22	13-17	31-21	01-20	18-17	30-18	30-18	22-18	JAN
	MINIMUM	999.3	1007.4	1005.3	1011.6	1011.8	1008.8	1011.6	1006.8	1008.6	1008.4	1002.8	1008.7	999.3
	DAY-HR	28-04	24-12	20-01	30-02	20-01	28-02	26-01	28-13	05-10	28-08	27-08	31-23	JAN
	# OBS	732	667	724	720	740	718	744	743	708	723	719	735	8673
1982	MEAN	1018.8	-	-	1017.7	1014.8	1015.3	1016.0	1016.2	1013.8	1017.9	1015.8	1019.1	1016.4
	MAXIMUM	1033.1	-	-	1021.8	1022.8	1020.9	1020.6	1020.8	1019.6	1027.1	1026.2	1030.8	1033.1
	DAY-HR	23-19	-	-	27-19	06-19	04-20	28-18	05-18	01-18	27-19	11-19	24-17	JAN
	MINIMUM	1002.0	-	-	1012.4	1007.7	1008.7	1008.2	1011.5	1008.4	1006.4	993.9	993.2	993.2
	DAY-HR	20-23	-	-	30-11	26-12	29-12	15-12	02-13	29-11	30-15	30-11	22-22	DEC
	# OBS	608	-	-	175	739	719	740	741	715	743	720	744	6644
1983	MEAN	1018.2	1016.0	1013.2	1015.3	1017.4	1015.1	1016.3	1016.2	1013.2	1016.8	1017.0	1019.3	1016.1
	MAXIMUM	1027.9	1027.2	1026.8	1025.1	1027.6	1020.2	1023.5	1021.6	1019.6	1023.4	1026.6	1030.4	1030.4
	DAY-HR	07-18	14-03	31-19	02-19	02-21	28-17	09-19	25-21	25-19	10-19	27-19	13-06	DEC
	MINIMUM	998.0	995.6	990.0	1001.8	1009.1	1007.1	1009.3	1011.9	1004.3	1006.6	1002.4	995.6	990.0
	DAY-HR	27-01	28-23	02-03	18-09	31-14	01-13	16-12	18-02	30-13	01-00	10-23	03-17	MAR
	# OBS	639	506	742	710	741	711	743	743	719	740	719	620	8333

1984	MEAN	1022.4	1019.5	1018.3	1018.5	1017.7	1015.1	1013.3	1015.2	1012.2	1017.4	1018.0	1016.5	1016.8
	MAXIMUM	1030.0	1025.3	1028.5	1025.4	1022.7	1020.9	1021.3	1022.1	1018.0	1026.2	1027.3	1028.5	1030.0
	DAY-HR	01-18	06-18	18-06	21-18	18-18	07-21	25-06	30-19	29-18	18-17	09-18	30-18	JAN
	MINIMUM	1011.2	1016.4	1010.3	1009.8	1010.6	1010.2	1006.1	1011.1	1003.0	1002.3	999.0	1007.1	999.0
	DAY-HR	13-23	02-01	13-23	06-13	28-01	06-13	13-12	05-01	22-03	17-00	13-04	15-21	NOV
	# OBS	743	226	458	718	738	713	732	676	715	742	714	737	7912
1985	MEAN	1021.2	1019.7	1019.5	1017.5	1016.7	1014.9	1015.6	1016.0	1015.1	1016.1	1016.9	1021.4	1017.5
	MAXIMUM	1027.9	1028.5	1029.3	1024.6	1022.4	1020.9	1021.4	1021.2	1022.1	1021.8	1029.7	1029.0	1029.7
	DAY-HR	02-19	10-19	30-19	23-18	03-19	30-18	02-22	27-19	12-17	19-17	19-17	13-18	NOV
	MINIMUM	1013.2	1011.5	1009.2	1009.1	1009.2	1007.8	1009.7	1010.2	1007.2	1005.4	997.3	1001.7	997.3
	DAY-HR	07-23	08-15	27-03	05-03	15-13	16-04	24-11	16-12	18-13	21-05	29-15	02-13	NOV
	# OBS	738	668	739	716	743	718	742	742	718	741	717	738	8720
1986	MEAN	1019.7	1016.3	1017.1	1018.1	1015.3	1014.5	1017.3	1014.3	1014.4	1016.3	1019.7	1020.1	1017.1
	MAXIMUM	1030.0	1027.7	1028.0	1026.3	1021.5	1018.7	1021.0	1018.7	1019.0	1023.3	1030.4	1028.8	1030.4
	DAY-HR	17-19	22-19	21-18	17-19	04-22	06-23	25-19	21-19	14-19	30-19	22-18	29-19	NOV
	MINIMUM	1003.1	995.8	998.9	1008.1	1010.0	1010.7	1012.5	1009.3	1002.4	1005.2	1009.5	1011.7	995.8
	DAY-HR	31-15	14-21	10-11	05-12	29-12	02-02	31-12	24-12	24-12	02-08	18-10	15-16	FEB
	# OBS	740	667	735	716	735	142	167	740	717	739	701	743	7542
1987	MEAN	1021.0	-	-	-	-	1016.5	1014.7	1015.2	1016.4	1016.8	1019.9	1019.2	1017.3
	MAXIMUM	1029.2	-	-	-	-	1021.0	1019.3	1020.2	1021.8	1025.0	1026.2	1029.8	1029.8
	DAY-HR	13-18	-	-	-	-	18-21	22-18	23-19	10-18	25-17	25-08	31-19	DEC
	MINIMUM	1008.9	-	-	-	-	1013.4	1008.4	1010.1	1011.1	1010.1	1010.0	995.0	995.0
	DAY-HR	05-03	-	-	-	-	30-01	09-10	14-13	13-00	31-23	01-00	16-14	DEC
	# OBS	333	-	-	-	-	336	740	739	681	739	715	741	5024
1988	MEAN	1021.3	1021.1	1022.1	1016.5	1018.3	1016.0	1015.7	1013.6	1015.0	1017.8	1020.7	1022.0	1018.4
	MAXIMUM	1031.5	1029.6	1031.9	1026.4	1028.8	1022.6	1021.0	1018.9	1024.9	1025.2	1029.7	1030.9	1031.9
	DAY-HR	20-19	09-20	09-17	30-19	01-19	08-19	12-19	03-19	27-18	08-18	29-17	29-19	MAR
	MINIMUM	992.2	1011.8	1014.0	1004.7	1011.3	1009.1	1009.9	1006.6	1008.1	1012.3	1007.0	1005.7	992.2
	DAY-HR	17-15	28-06	15-14	20-03	29-02	24-19	10-12	31-12	20-12	27-12	25-06	24-13	JAN
	# OBS	742	695	741	715	743	713	738	739	716	744	718	742	8746
1989	MEAN	1023.9	1022.8	1019.8	1018.0	1018.6	1016.3	1017.9	1015.1	1014.9	1018.2	1019.5	1021.9	1018.9
	MAXIMUM	1035.3	1031.8	1028.4	1028.5	1025.7	1021.7	1023.0	1020.2	1021.5	1025.6	1027.5	1029.1	1035.3
	DAY-HR	08-18	11-17	13-19	03-19	23-22	12-19	12-20	12-19	30-18	26-19	27-08	22-19	JAN
	MINIMUM	1009.9	1014.2	1003.7	1010.0	1011.1	1004.6	1012.1	1010.4	1008.4	1011.0	1007.4	1012.8	1003.7
	DAY-HR	23-11	28-13	02-14	09-03	15-14	23-10	10-11	25-13	17-12	02-13	25-23	18-13	MAR
	# OBS	741	668	740	719	731	715	743	739	714	743	719	737	8709
1990	MEAN	1021.1	1022.5	1019.5	-	-	1015.8	1015.0	1015.9	1015.7	1016.9	1020.1	1020.8	1018.4
	MAXIMUM	1032.2	1029.9	1025.6	-	-	1020.7	1018.5	1020.0	1020.8	1022.3	1028.1	1029.2	1032.2
	DAY-HR	04-19	10-07	06-17	-	-	25-19	04-20	30-19	07-18	09-18	22-18	02-19	JAN
	MINIMUM	1007.4	1006.5	1012.7	-	-	1010.2	1008.6	1011.4	1007.8	1011.7	1010.6	1007.6	1006.5
	DAY-HR	13-22	16-19	11-04	-	-	21-11	15-13	24-02	21-01	03-02	20-00	19-21	FEB
	# OBS	742	670	284	-	-	228	740	743	713	740	720	744	6324
1991	MEAN	1021.2	1019.2	1014.2	1022.5	-	-	1015.0	1016.4	1013.6	1015.0	1020.4	1017.9	1017.4
	MAXIMUM	1030.3	1028.9	1025.7	1027.1	-	-	1017.7	1021.4	1019.8	1023.9	1029.7	1027.4	1030.3
	DAY-HR	13-19	19-20	11-20	02-20	-	-	31-22	21-20	30-19	31-19	19-19	02-18	JAN
	MINIMUM	1010.3	992.7	989.8	1015.2	-	-	1013.5	1009.7	1007.6	1005.0	1012.2	1001.3	989.8
	DAY-HR	09-10	28-23	01-11	01-02	-	-	30-12	11-01	06-03	21-01	14-23	29-13	MAR
	# OBS	741	672	743	179	-	-	42	738	720	741	718	741	6035
1992	MEAN	1019.2	1015.5	1014.6	1017.6	1014.8	1013.8	1015.7	1016.1	1014.3	1015.1	1020.1	1017.2	1016.2
	MAXIMUM	1026.8	1028.3	1024.8	1023.0	1022.1	1023.7	1019.9	1021.2	1020.2	1022.4	1030.0	1027.2	1030.0
	DAY-HR	23-19	22-19	10-18	17-19	07-19	12-19	25-19	27-16	04-18	22-19	27-18	22-19	NOV
	MINIMUM	1000.3	998.1	1006.6	1011.4	1007.0	1006.7	1010.7	1009.4	1009.0	1003.8	1013.2	1000.0	998.1
	DAY-HR	05-03	10-00	02-23	12-12	10-02	06-12	12-02	24-12	15-09	29-18	08-23	28-22	FEB
	# OBS	739	688	731	719	743	717	741	736	708	734	709	737	8702
1993	MEAN	1014.6	1013.5	-	-	-	-	-	-	-	-	-	1020.3	1016.5
	MAXIMUM	1028.2	1026.0	-	-	-	-	-	-	-	-	-	1031.4	1031.4
	DAY-HR	22-19	01-19	-	-	-	-	-	-	-	-	-	24-19	DEC
	MINIMUM	997.3	995.4	-	-	-	-	-	-	-	-	-	1003.0	995.4
	DAY-HR	07-04	08-13	-	-	-	-	-	-	-	-	-	11-13	FEB
	# OBS	729	453	-	-	-	-	-	-	-	-	-	712	1894
1994	MEAN	1021.4	1017.6	1018.7	1018.0	1016.2	1016.9	1014.9	1015.6	1015.5	1014.4	1019.0	1019.6	1017.4
	MAXIMUM	1029.0	1031.0	1027.4	1024.1	1021.2	1021.0	1018.8	1020.5	1021.0	1022.8	1028.0	1030.9	1031.0
	DAY-HR	29-19	12-19	12-19	29-19	01-20	23-20	11-21	28-19	14-19	27-18	27-11	08-18	FEB
	MINIMUM	1009.5	995.2	1001.8	1008.3	1008.7	1010.1	1011.7	1010.5	1011.0	1001.0	1007.0	1010.5	995.2
	DAY-HR	24-11	17-09	24-14	23-18	17-10	10-11	14-12	31-12	30-23	05-01	09-18	03-23	FEB
	# OBS	733	645	732	706	719	702	380	319	712	727	707	426	7508
1995	MEAN	-	-	-	-	-	-	1012.4	1011.8	1014.0	1014.5	1018.8	1018.6	1015.5
	MAXIMUM	-	-	-	-	-	-	1017.4	1017.4	1018.9	1022.1	1025.1	1026.4	1026.4
	DAY-HR	-	-	-	-	-	-	29-18	29-19	12-18	20-18	26-19	28-19	DEC
	MINIMUM	-	-	-	-	-	-	1007.9	1005.0	1010.2	1008.0	1010.2	997.7	997.7
	DAY-HR	-	-	-	-	-	-	31-11	09-13	26-09	29-00	01-02	12-14	DEC
	# OBS	-	-	-	-	-	-	100	732	713	741	713	742	3741

1996	MEAN	1018.3	1015.3	1016.6	1018.0	1015.3	1014.3	1013.5	1013.6	1012.4	1015.1	1017.3	1016.5	1015.5
	MAXIMUM	1026.8	1028.3	1025.2	1025.9	1022.1	1019.6	1018.8	1018.4	1018.7	1024.3	1025.2	1028.4	1028.4
	DAY-HR	23-18	06-19	01-19	19-08	10-17	28-19	23-18	20-19	28-18	21-19	07-18	24-07	DEC
	MINIMUM	1000.0	1001.1	1004.7	1004.4	1004.5	1007.3	1008.1	1009.7	1008.0	1005.5	1004.0	999.3	999.3
	DAY-HR	31-15	01-00	04-23	01-20	16-08	26-11	09-11	26-14	02-03	30-01	22-12	10-01	DEC
	# OBS	737	689	742	737	742	719	836	789	715	736	695	741	8878
1997	MEAN	1017.0	1019.4	1018.6	1017.0	1015.4	1012.5	1014.0	-	-	-	-	-	1016.5
	MAXIMUM	1028.3	1025.6	1026.3	1024.1	1021.8	1019.0	1019.5	-	-	-	-	-	1028.3
	DAY-HR	06-19	13-19	18-18	01-06	05-19	30-23	01-06	-	-	-	-	-	JAN
	MINIMUM	1002.9	1002.5	1009.8	1007.0	1008.3	1004.6	1011.1	-	-	-	-	-	1002.5
	DAY-HR	13-00	28-02	16-11	04-11	18-13	07-12	08-13	-	-	-	-	-	FEB
	# OBS	740	659	744	714	739	718	214	-	-	-	-	-	4528
1998	MEAN	-	-	-	-	-	1015.2	1015.0	1014.7	1011.1	1015.7	1018.2	1023.3	1016.3
	MAXIMUM	-	-	-	-	-	1019.3	1019.0	1018.9	1019.4	1021.9	1025.7	1032.8	1032.8
	DAY-HR	-	-	-	-	-	30-23	01-00	20-20	18-18	22-19	12-18	24-18	DEC
	MINIMUM	-	-	-	-	-	1012.5	1009.5	1008.7	1003.6	1009.9	1005.8	1011.8	1003.6
	DAY-HR	-	-	-	-	-	25-11	19-01	31-23	03-03	15-04	30-15	01-00	SEP
	# OBS	-	-	-	-	-	263	726	782	713	736	717	733	4670
1999	MEAN	1019.9	1021.5	1016.9	1016.7	1017.6	-	-	1015.1	1012.5	1016.8	1019.3	1023.5	1018.3
	MAXIMUM	1028.1	1032.0	1026.9	1029.7	1021.0	-	-	1018.0	1017.2	1024.2	1031.1	1031.3	1032.0
	DAY-HR	28-19	22-19	28-18	09-19	07-18	-	-	30-19	25-18	28-20	24-19	24-07	FEB
	MINIMUM	1006.7	1005.3	1006.3	1004.4	1013.1	-	-	1012.9	1008.8	1009.1	1006.3	1015.8	1004.4
	DAY-HR	31-10	09-11	25-02	11-14	03-14	-	-	29-03	28-02	15-23	07-22	22-02	APR
	# OBS	737	658	708	714	332	-	-	69	714	718	676	739	6065
2000	MEAN	1021.0	1016.1	1016.2	-	-	-	-	1014.9	1013.2	1014.7	1019.6	1020.7	1017.2
	MAXIMUM	1032.0	1028.2	1023.8	-	-	-	-	1020.5	1020.3	1024.7	1028.5	1030.4	1032.0
	DAY-HR	04-18	01-19	01-19	-	-	-	-	19-22	05-19	13-18	23-19	15-18	JAN
	MINIMUM	1009.1	998.0	998.1	-	-	-	-	1009.3	1003.3	1005.3	1008.9	1014.0	998.0
	DAY-HR	16-07	20-22	05-17	-	-	-	-	28-02	22-12	26-15	10-02	12-03	FEB
	# OBS	720	685	113	-	-	-	-	735	711	729	713	744	5150
2001	MEAN	1019.1	1016.0	1016.8	1017.9	1015.6	1015.9	1015.3	1015.9	1014.1	1016.5	1017.7	1019.3	1016.7
	MAXIMUM	1029.4	1029.7	1023.1	1026.9	1022.1	1022.5	1019.7	1021.0	1017.5	1021.6	1024.6	1030.5	1030.5
	DAY-HR	17-19	02-19	08-18	22-21	14-19	28-19	12-19	13-18	21-18	29-19	26-19	06-19	DEC
	MINIMUM	999.4	1002.5	999.8	1009.4	1011.3	1010.5	1009.6	1007.8	1008.0	1008.4	996.9	1005.8	996.9
	DAY-HR	11-21	24-15	04-21	07-11	10-13	04-12	03-12	29-12	30-21	01-00	24-15	02-13	NOV
	# OBS	743	672	740	621	665	715	743	669	718	742	716	743	8487
POR	MEAN	1019.8	1018.4	1017.4	1017.6	1016.4	1015.1	1015.3	1015.1	1014.1	1016.3	1018.8	1019.9	1017.1
	MAXIMUM	1035.3	1032.0	1031.9	1029.7	1028.8	1023.7	1023.5	1022.1	1024.9	1027.1	1031.1	1032.8	1035.3
	YEAR	1989	1999	1988	1999	1988	1992	1983	1984	1988	1982	1999	1998	JAN/1989
	MINIMUM	992.2	992.7	989.8	1001.8	1004.5	1004.6	1006.1	1005.0	1002.4	1001.0	993.9	993.2	989.8
	YEAR	1988	1991	1991	1983	1996	1997	1984	1995	1986	1994	1982	1982	MAR/1991
	# OBS	13377	10588	10416	9579	9850	9547	10611	12914	13540	13998	13681	15076	143177

STATION: 46012 -- POR (11/1980 - 12/2001)

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

ELEMENT: AVERAGE WIND SPEED (KNOTS)

YEAR	ELEMENT	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1980	MEAN	-	-	-	-	-	-	-	-	-	-	6.6	8.3	8.0
	MAXIMUM	-	-	-	-	-	-	-	-	-	-	15.2	32.5	32.5
	DAY-HR	-	-	-	-	-	-	-	-	-	-	26-16	03-22	DEC
	MINIMUM	-	-	-	-	-	-	-	-	-	-	0.2	0.0	0.0
	DAY-HR	-	-	-	-	-	-	-	-	-	-	29-23	28-19	DEC
	# OBS	-	-	-	-	-	-	-	-	-	-	155	737	892
1981	MEAN	11.1	9.6	11.8	12.3	10.7	10.7	7.8	8.0	7.0	8.1	9.3	11.2	9.8
	MAXIMUM	29.5	24.3	30.1	30.1	25.5	27.6	21.0	17.3	22.9	23.7	29.2	25.7	30.1
	DAY-HR	27-16	20-18	27-04	03-02	03-04	14-07	07-09	05-07	21-02	28-05	14-00	19-00	APR
	MINIMUM	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	DAY-HR	15-01	10-07	24-12	16-12	19-18	30-18	23-17	23-15	26-18	31-10	20-04	14-21	DEC
	# OBS	729	667	719	720	741	718	744	743	708	721	719	735	8664
1982	MEAN	11.9	-	-	11.5	11.3	7.9	10.0	7.3	10.0	8.1	9.9	12.0	9.8
	MAXIMUM	38.7	-	-	26.4	31.1	22.9	19.2	18.9	33.8	26.4	34.8	34.0	38.7
	DAY-HR	04-09	-	-	29-04	09-01	05-05	14-01	21-22	29-11	30-08	30-20	22-22	JAN
	MINIMUM	0.0	-	-	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	DAY-HR	16-20	-	-	25-08	31-18	29-17	24-20	31-15	28-19	31-18	24-23	31-22	DEC
	# OBS	608	-	-	175	739	717	740	738	715	742	720	744	6638
1983	MEAN	11.2	11.1	11.7	11.3	11.3	8.6	10.1	7.6	7.5	8.5	11.8	11.6	10.2
	MAXIMUM	34.0	32.9	32.7	26.0	27.0	22.9	24.5	18.9	21.6	26.0	34.2	39.5	39.5

	DAY-HR	26-20	28-22	01-02	03-05	10-05	01-02	09-05	05-23	09-10	29-23	10-19	03-17	DEC
	MINIMUM	0.0	0.2	0.2	0.2	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	DAY-HR	25-00	22-22	28-21	18-10	19-20	06-10	23-19	29-19	29-05	27-08	23-00	22-01	DEC
	# OBS	639	505	739	705	701	306	743	743	719	740	717	620	7877
1984	MEAN	8.5	5.9	17.9	16.0	14.2	13.4	8.9	10.4	9.8	11.7	12.6	13.5	12.1
	MAXIMUM	22.7	17.1	36.4	40.4	35.8	37.3	22.4	22.7	24.7	33.8	38.9	36.7	40.4
	DAY-HR	25-15	10-03	29-09	26-05	15-06	10-03	09-14	31-01	07-02	17-07	27-19	13-00	APR
	MINIMUM	0.0	0.0	1.4	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.0
	DAY-HR	31-09	02-11	14-19	15-14	11-16	24-13	17-07	29-06	30-10	13-05	30-18	30-17	FEB
	# OBS	743	227	456	719	738	714	736	682	716	744	716	737	7928
1985	MEAN	9.6	13.2	14.6	12.0	10.7	8.2	7.8	8.3	6.7	9.4	10.5	8.9	10.0
	MAXIMUM	26.0	34.4	36.9	33.8	24.5	20.2	16.9	18.5	19.8	26.0	30.1	35.6	36.9
	DAY-HR	31-14	20-08	02-07	26-03	04-04	15-14	11-05	02-05	15-06	21-05	24-10	02-06	MAR
	MINIMUM	0.6	0.6	0.6	0.6	0.6	0.4	0.4	0.4	0.4	0.4	0.6	0.4	0.4
	DAY-HR	29-06	14-12	15-15	11-15	22-17	23-08	28-21	17-23	27-16	15-17	28-03	31-18	DEC
	# OBS	738	668	739	716	743	718	743	742	718	740	717	738	8720
1986	MEAN	9.5	14.3	10.6	12.0	10.7	8.2	4.0	5.4	5.5	6.5	7.8	6.3	8.7
	MAXIMUM	32.5	41.4	35.8	27.2	28.6	22.6	11.7	13.6	21.4	23.3	23.3	21.4	41.4
	DAY-HR	29-17	14-21	10-04	29-05	15-06	19-03	28-20	29-12	16-15	01-11	08-11	15-21	FEB
	MINIMUM	0.6	0.6	0.6	0.6	0.6	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	DAY-HR	27-23	10-08	31-15	11-13	29-11	17-13	30-21	31-21	29-11	30-20	30-09	31-00	DEC
	# OBS	740	667	735	716	735	713	167	740	717	739	703	743	8115
1987	MEAN	9.5	-	-	-	-	7.2	7.7	4.2	6.8	4.3	9.2	12.9	7.6
	MAXIMUM	23.3	-	-	-	-	19.4	29.2	15.6	17.5	17.5	23.3	35.0	35.0
	DAY-HR	14-03	-	-	-	-	22-08	17-09	01-00	26-13	03-22	25-05	06-15	DEC
	MINIMUM	0.0	-	-	-	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	DAY-HR	12-20	-	-	-	-	30-22	23-20	31-23	30-06	31-15	29-15	31-01	DEC
	# OBS	333	-	-	-	-	336	740	739	681	740	716	741	5026
1988	MEAN	8.8	8.4	11.5	7.8	9.7	7.6	6.5	5.8	7.6	7.5	10.9	11.1	8.6
	MAXIMUM	33.0	25.3	29.2	25.3	29.2	29.2	17.5	15.6	24.3	22.0	29.7	39.5	39.5
	DAY-HR	18-08	18-10	28-03	30-23	01-03	29-05	16-00	26-22	20-05	13-21	25-06	15-09	DEC
	MINIMUM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0
	DAY-HR	31-20	29-19	23-08	29-16	28-04	25-12	30-11	31-16	16-10	15-09	16-09	31-00	NOV
	# OBS	742	695	741	715	743	713	738	739	716	744	716	739	8741
1989	MEAN	11.8	9.7	12.1	9.2	11.9	10.0	11.5	8.6	7.1	10.0	10.1	8.7	10.0
	MAXIMUM	19.4	25.5	29.9	21.0	27.8	27.4	24.9	20.0	20.6	29.4	24.3	21.0	29.9
	DAY-HR	03-09	18-19	02-08	11-02	28-04	20-06	21-03	24-03	17-20	23-13	25-21	29-09	MAR
	MINIMUM	4.5	0.2	0.6	0.2	0.2	1.2	1.2	0.8	0.4	0.0	0.0	0.2	0.0
	DAY-HR	02-07	21-12	21-10	19-12	30-17	26-16	12-04	06-20	05-17	20-11	25-02	27-18	NOV
	# OBS	54	250	737	720	731	715	743	739	459	743	719	737	7347
1990	MEAN	12.3	12.9	13.1	-	-	9.2	7.1	8.3	8.9	10.0	11.5	12.0	10.4
	MAXIMUM	27.8	32.1	27.4	-	-	17.1	18.5	18.9	20.8	22.0	30.1	30.5	32.1
	DAY-HR	02-07	14-04	08-17	-	-	28-06	24-16	26-18	10-00	02-09	06-03	19-20	FEB
	MINIMUM	0.2	0.0	0.2	-	-	1.2	0.0	0.0	0.0	0.2	0.2	0.0	0.0
	DAY-HR	09-21	23-15	07-17	-	-	29-18	30-14	17-10	20-14	30-09	18-12	09-20	DEC
	# OBS	742	670	284	-	-	228	740	743	713	740	720	744	6324
1991	MEAN	8.1	10.7	14.6	13.7	-	-	8.1	7.9	6.7	10.0	12.0	10.3	10.1
	MAXIMUM	25.3	26.2	34.6	28.4	-	-	11.7	18.5	17.7	28.2	37.9	34.2	37.9
	DAY-HR	16-03	16-18	17-10	07-06	-	-	30-21	03-02	25-19	27-12	29-14	29-05	NOV
	MINIMUM	0.0	0.0	0.4	0.0	-	-	3.7	0.2	0.0	0.2	0.2	0.0	0.0
	DAY-HR	23-16	20-16	30-13	06-06	-	-	31-23	28-04	20-06	18-05	09-01	04-20	DEC
	# OBS	741	672	743	179	-	-	42	738	720	742	718	740	6035
1992	MEAN	10.4	11.2	10.6	12.0	8.7	8.5	7.6	8.9	7.9	7.3	10.8	12.7	9.7
	MAXIMUM	30.9	33.8	25.3	30.3	25.7	24.5	24.9	19.4	25.7	24.9	25.9	29.7	33.8
	DAY-HR	05-05	10-00	30-14	05-04	21-06	14-07	23-00	22-05	25-04	29-17	20-05	28-13	FEB
	MINIMUM	0.4	0.4	0.2	0.0	0.2	0.0	0.2	0.0	0.2	0.0	0.0	0.4	0.0
	DAY-HR	20-21	06-06	29-12	10-13	13-14	26-12	26-16	12-14	16-16	18-18	15-08	26-15	NOV
	# OBS	739	688	731	719	742	717	741	736	708	736	711	738	8706
1993	MEAN	12.5	11.6	-	-	-	-	-	-	-	-	-	11.4	11.9
	MAXIMUM	29.9	32.1	-	-	-	-	-	-	-	-	-	29.9	32.1
	DAY-HR	13-03	17-23	-	-	-	-	-	-	-	-	-	11-12	FEB
	MINIMUM	1.0	0.4	-	-	-	-	-	-	-	-	-	0.6	0.4
	DAY-HR	05-06	01-05	-	-	-	-	-	-	-	-	-	30-04	FEB
	# OBS	729	453	-	-	-	-	-	-	-	-	-	714	1896
1994	MEAN	9.8	11.6	10.4	12.2	11.1	12.1	7.2	7.4	6.5	10.3	12.7	8.8	10.3
	MAXIMUM	29.0	37.5	28.8	25.3	29.0	27.2	15.6	17.1	18.1	34.4	31.3	23.9	37.5
	DAY-HR	24-11	17-08	24-12	27-04	13-06	15-04	02-05	31-15	04-02	15-03	09-17	03-13	FEB
	MINIMUM	0.2	0.4	0.2	0.4	0.0	0.6	0.2	0.0	0.0	0.2	0.2	0.2	0.0
	DAY-HR	05-00	05-08	27-21	18-19	06-11	04-14	09-16	28-16	23-00	02-21	20-17	11-04	SEP
	# OBS	736	646	730	706	724	707	386	319	712	733	707	425	7531
1995	MEAN	-	-	-	-	-	-	7.8	8.8	8.0	9.0	9.2	10.1	9.0
	MAXIMUM	-	-	-	-	-	-	18.3	18.9	21.2	28.0	22.6	37.7	37.7

	DAY-HR	-	-	-	-	-	-	29-22	18-03	29-07	04-03	27-04	12-14	DEC
	MINIMUM	-	-	-	-	-	-	0.6	0.0	0.0	0.2	0.0	0.0	0.0
	DAY-HR	-	-	-	-	-	-	28-09	01-13	21-13	20-14	16-09	27-05	DEC
	# OBS	-	-	-	-	-	-	100	731	713	741	713	742	3740
1996	MEAN	10.8	10.7	9.8	11.2	12.4	11.6	8.0	9.0	7.6	9.9	11.5	12.6	10.4
	MAXIMUM	29.0	29.2	25.7	27.0	27.4	22.2	22.6	21.4	21.8	30.7	30.7	33.8	33.8
	DAY-HR	22-10	04-14	23-13	28-00	27-10	18-01	19-02	03-05	16-12	26-02	17-03	29-16	DEC
	MINIMUM	0.0	0.2	0.0	0.0	0.4	0.4	0.0	0.0	0.0	0.0	0.2	0.4	0.0
	DAY-HR	03-08	14-21	07-15	15-01	14-06	28-10	11-13	26-10	14-13	12-13	10-10	26-08	OCT
	# OBS	737	689	742	737	742	719	836	789	715	736	695	740	8877
1997	MEAN	11.2	13.3	11.0	12.6	7.2	11.8	9.5	-	-	-	-	-	11.1
	MAXIMUM	32.7	36.9	26.0	28.4	25.3	28.6	20.6	-	-	-	-	-	36.9
	DAY-HR	01-06	27-09	12-06	09-16	01-07	06-05	02-09	-	-	-	-	-	FEB
	MINIMUM	0.0	0.4	0.0	0.0	0.0	0.0	0.0	-	-	-	-	-	0.0
	DAY-HR	28-15	16-08	19-11	19-12	31-12	03-10	06-19	-	-	-	-	-	JUL
	# OBS	740	659	744	714	738	718	214	-	-	-	-	-	4527
1998	MEAN	-	-	-	-	-	9.6	8.9	9.0	7.9	10.3	10.2	10.6	9.5
	MAXIMUM	-	-	-	-	-	18.3	21.4	20.0	22.0	26.0	31.5	28.4	31.5
	DAY-HR	-	-	-	-	-	26-22	02-03	23-03	19-04	30-00	30-14	06-04	NOV
	MINIMUM	-	-	-	-	-	0.2	0.0	0.0	0.0	0.0	0.2	0.0	0.0
	DAY-HR	-	-	-	-	-	22-15	31-00	27-12	28-00	28-15	14-18	31-13	DEC
	# OBS	-	-	-	-	-	263	726	782	711	737	716	725	4660
1999	MEAN	8.5	11.9	15.8	13.3	17.0	-	-	14.7	6.1	8.0	10.3	10.2	10.1
	MAXIMUM	23.1	20.4	30.5	37.5	33.0	-	-	26.4	25.1	22.9	33.4	24.1	37.5
	DAY-HR	30-20	01-01	27-06	04-00	09-04	-	-	31-04	01-06	07-04	07-22	11-04	APR
	MINIMUM	0.0	0.8	1.0	0.0	1.6	-	-	3.5	0.0	0.0	0.2	0.0	0.0
	DAY-HR	30-09	02-12	30-18	16-18	01-05	-	-	29-21	29-17	14-19	23-22	31-11	DEC
	# OBS	736	36	103	712	335	-	-	61	714	717	676	739	4829
2000	MEAN	9.9	11.7	13.1	-	-	-	-	8.7	7.1	9.1	9.0	7.6	9.1
	MAXIMUM	27.8	30.7	34.4	-	-	-	-	19.6	19.4	28.0	28.2	18.9	34.4
	DAY-HR	30-15	13-13	05-17	-	-	-	-	18-09	13-19	21-15	09-06	17-15	MAR
	MINIMUM	0.0	0.2	0.0	-	-	-	-	0.4	0.0	0.2	0.0	0.0	0.0
	DAY-HR	25-15	17-18	02-11	-	-	-	-	30-01	24-18	24-07	28-23	10-08	DEC
	# OBS	720	685	113	-	-	-	-	738	716	737	714	744	5167
2001	MEAN	11.5	13.4	12.7	12.7	10.7	12.2	9.1	9.3	7.3	8.6	10.6	14.2	11.0
	MAXIMUM	35.4	32.5	38.3	27.8	29.0	28.4	17.9	19.4	18.9	25.1	34.6	37.3	38.3
	DAY-HR	10-18	24-15	04-19	07-23	02-02	03-05	02-20	21-13	06-03	23-05	29-04	10-15	MAR
	MINIMUM	0.0	0.2	0.4	0.2	0.2	0.6	1.0	0.4	0.0	0.2	0.0	0.4	0.0
	DAY-HR	29-00	27-04	22-08	28-05	08-10	26-06	31-17	12-20	24-15	27-15	18-20	19-06	NOV
	# OBS	743	672	740	657	680	715	743	670	719	742	716	743	8540
POR	MEAN	10.3	11.5	12.2	11.9	11.0	10.0	8.4	8.0	7.5	8.8	10.5	10.7	9.9
	MAXIMUM	38.7	41.4	38.3	40.4	35.8	37.3	29.2	26.4	33.8	34.4	38.9	39.5	41.4
	YEAR	1982	1986	2001	1984	1984	1984	1987	1999	1982	1994	1984	1988	FEB/1986
	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	1991	2000	1999	1997	1997	1998	1998	2001	1999	2001	2000	NOV/2001
	# OBS	12689	9549	9796	9610	9832	9717	10622	12912	13290	14014	13684	15065	140780

STATION: 46012 -- POR (11/1980 - 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
1980	MEAN	-	-	-	-	-	-	-	-	-	-	8.6	10.6	10.2
	MAXIMUM	-	-	-	-	-	-	-	-	-	-	18.7	41.2	41.2
	DAY-HR	-	-	-	-	-	-	-	-	-	-	24-17	04-00	DEC
	# OBS	-	-	-	-	-	-	-	-	-	-	155	737	892
1981	MEAN	14.1	12.0	14.8	15.3	13.6	13.4	10.1	10.1	8.8	10.1	11.7	13.8	12.3
	MAXIMUM	38.1	29.5	37.7	36.4	32.1	35.0	25.3	20.6	28.0	28.6	39.9	32.1	39.9
	DAY-HR	28-05	20-18	05-05	03-02	03-04	14-06	07-09	22-01	21-02	28-05	14-00	21-16	NOV
	# OBS	729	616	719	720	741	716	744	743	707	721	719	735	8610
1982	MEAN	15.4	-	-	15.0	14.7	10.5	13.1	9.7	12.8	10.6	12.8	15.4	12.8
	MAXIMUM	50.2	-	-	33.6	40.0	28.2	23.5	23.9	40.8	32.1	44.1	45.5	50.2
	DAY-HR	04-09	-	-	29-04	09-01	05-05	14-01	21-22	29-11	30-08	30-20	22-22	JAN
	# OBS	608	-	-	175	739	717	740	738	715	742	720	744	6638
1983	MEAN	14.5	15.3	15.4	14.5	14.5	11.3	12.7	9.7	9.5	10.6	15.0	14.7	13.1
	MAXIMUM	44.3	42.0	42.2	32.3	34.8	28.4	30.5	22.7	26.8	32.3	45.3	51.1	51.1
	DAY-HR	26-23	28-21	01-02	03-05	10-05	01-04	09-05	05-23	09-08	29-23	10-19	03-17	DEC
	# OBS	639	505	739	705	701	306	743	743	719	740	717	620	7877

1984	MEAN	10.6	7.6	20.8	18.9	16.8	15.7	10.5	12.3	11.4	13.9	14.8	15.5	14.3
	MAXIMUM	27.8	26.2	44.1	47.6	43.0	45.3	25.1	53.5	28.6	40.4	46.5	44.1	53.5
	DAY-HR	26-16	10-03	29-09	26-05	15-06	10-03	09-14	10-13	07-02	17-07	27-19	12-23	AUG
	# OBS	743	227	445	699	712	699	680	642	649	698	704	730	7628
1985	MEAN	11.3	15.2	17.1	14.4	12.6	9.8	9.3	10.1	8.2	11.4	12.6	10.8	11.9
	MAXIMUM	30.9	40.4	46.5	42.8	28.8	22.4	20.4	22.4	25.1	31.7	39.1	42.8	46.5
	DAY-HR	31-23	20-08	02-07	25-03	04-04	15-14	11-05	02-05	15-06	21-05	24-10	02-06	MAR
	# OBS	706	658	737	705	736	693	708	696	669	716	698	717	8439
1986	MEAN	11.5	16.9	12.7	14.4	12.7	10.0	5.9	7.5	7.5	8.8	10.3	8.7	10.8
	MAXIMUM	40.8	53.1	46.5	33.4	35.4	27.8	15.6	17.5	25.3	31.1	31.1	27.2	53.1
	DAY-HR	29-17	14-21	10-06	29-05	15-06	20-03	28-20	29-12	16-16	01-11	07-16	15-21	FEB
	# OBS	717	661	717	693	716	653	167	740	717	737	700	743	7961
1987	MEAN	12.6	-	-	-	-	9.6	10.2	6.3	9.2	6.1	11.7	16.7	10.2
	MAXIMUM	31.1	-	-	-	-	23.3	36.9	19.4	21.4	19.4	29.2	42.8	42.8
	DAY-HR	14-03	-	-	-	-	22-08	17-09	01-00	26-13	04-01	25-05	06-15	DEC
	# OBS	333	-	-	-	-	335	738	739	681	739	716	741	5022
1988	MEAN	11.5	10.9	14.7	10.2	12.6	10.0	8.7	7.9	9.9	9.6	13.6	14.0	11.1
	MAXIMUM	42.8	33.0	38.9	31.1	38.9	36.9	21.4	19.4	32.1	25.9	38.5	49.4	49.4
	DAY-HR	18-06	18-09	28-02	30-23	01-03	29-05	16-00	25-01	20-05	13-21	25-06	15-09	DEC
	# OBS	742	695	741	715	742	713	738	738	716	744	716	738	8738
1989	MEAN	14.1	12.1	15.0	11.4	15.1	12.5	14.5	10.9	9.2	12.5	12.5	10.9	12.6
	MAXIMUM	23.3	32.9	39.5	27.6	35.6	34.4	33.2	24.9	26.8	36.9	29.7	27.0	39.5
	DAY-HR	03-09	18-19	02-11	11-02	28-05	20-08	21-02	24-03	17-18	23-13	25-21	29-08	MAR
	# OBS	54	250	737	720	731	715	743	739	459	743	719	737	7347
1990	MEAN	15.3	16.2	16.5	-	-	11.6	9.2	10.6	11.4	12.4	14.3	15.0	13.1
	MAXIMUM	35.6	41.8	34.8	-	-	23.3	24.7	23.7	26.2	28.2	39.7	39.7	41.8
	DAY-HR	12-15	04-00	11-13	-	-	28-11	24-17	26-18	10-00	02-12	06-03	19-21	FEB
	# OBS	742	670	284	-	-	228	740	743	713	740	720	744	6324
1991	MEAN	10.4	13.7	18.6	17.1	-	-	10.5	10.0	8.9	12.7	15.0	13.2	12.9
	MAXIMUM	32.5	33.8	44.5	36.9	-	-	14.6	22.4	23.9	36.5	48.2	45.5	48.2
	DAY-HR	16-03	16-21	17-09	07-06	-	-	31-07	14-13	25-17	27-11	29-14	29-04	NOV
	# OBS	741	672	743	179	-	-	42	738	720	742	718	739	6034
1992	MEAN	13.3	14.2	13.4	14.8	11.2	10.8	9.8	11.1	10.2	9.5	13.4	15.9	12.3
	MAXIMUM	38.9	43.2	30.9	37.3	32.7	30.3	29.4	23.1	32.9	30.3	30.7	37.9	43.2
	DAY-HR	05-05	10-00	30-14	05-01	21-05	14-07	23-00	22-05	25-03	29-17	20-05	10-20	FEB
	# OBS	739	688	731	719	742	717	741	736	706	734	708	734	8695
1993	MEAN	15.7	14.7	-	-	-	-	-	-	-	-	-	14.5	15.0
	MAXIMUM	40.6	41.2	-	-	-	-	-	-	-	-	-	37.7	41.2
	DAY-HR	07-03	17-23	-	-	-	-	-	-	-	-	-	11-12	FEB
	# OBS	729	451	-	-	-	-	-	-	-	-	-	711	1891
1994	MEAN	12.3	14.7	13.3	15.3	14.0	15.0	9.4	9.4	8.6	12.9	16.0	11.9	13.1
	MAXIMUM	36.9	48.2	36.4	31.9	35.8	35.8	19.1	21.6	22.4	43.4	39.5	29.4	48.2
	DAY-HR	24-11	17-08	24-12	27-04	13-06	15-05	02-05	20-15	04-02	15-04	18-06	03-13	FEB
	# OBS	730	638	724	702	718	699	382	319	711	728	705	424	7480
1995	MEAN	-	-	-	-	-	-	10.1	11.2	10.3	11.6	11.6	13.1	11.5
	MAXIMUM	-	-	-	-	-	-	23.3	23.1	26.6	33.8	29.2	48.0	48.0
	DAY-HR	-	-	-	-	-	-	29-22	08-07	29-07	04-03	27-04	12-14	DEC
	# OBS	-	-	-	-	-	-	100	731	713	741	713	741	3739
1996	MEAN	13.7	13.8	12.4	14.1	15.3	14.5	10.3	11.4	9.9	12.5	14.3	15.7	13.1
	MAXIMUM	35.2	37.5	31.7	33.2	34.8	27.2	27.2	28.4	28.6	38.5	38.3	44.5	44.5
	DAY-HR	22-16	04-14	13-08	18-01	24-05	18-02	19-01	03-05	16-13	26-03	29-01	29-16	DEC
	# OBS	737	689	742	737	742	719	836	789	715	736	695	740	8877
1997	MEAN	14.2	16.6	13.9	15.6	9.0	14.8	11.9	-	-	-	-	-	13.8
	MAXIMUM	40.6	44.9	33.0	36.4	30.5	35.4	25.3	-	-	-	-	-	44.9
	DAY-HR	01-06	27-09	12-05	09-16	01-07	06-05	02-09	-	-	-	-	-	FEB
	# OBS	740	659	744	714	738	718	214	-	-	-	-	-	4527
1998	MEAN	-	-	-	-	-	12.4	11.3	11.6	10.2	12.9	13.0	13.3	12.1
	MAXIMUM	-	-	-	-	-	22.6	26.8	24.9	27.4	32.9	39.9	36.9	39.9
	DAY-HR	-	-	-	-	-	26-22	02-03	23-03	19-04	15-03	30-14	06-04	NOV
	# OBS	-	-	-	-	-	263	725	782	710	736	716	725	4657
1999	MEAN	10.8	15.0	20.0	16.6	20.8	-	-	18.2	8.2	10.3	12.9	12.7	12.8
	MAXIMUM	28.2	25.1	36.9	47.2	40.4	-	-	33.0	31.1	28.2	43.0	29.4	47.2
	DAY-HR	30-20	01-01	27-05	04-00	09-04	-	-	31-03	01-06	07-04	07-22	11-00	APR
	# OBS	736	36	102	711	327	-	-	59	712	718	676	739	4816
2000	MEAN	12.4	15.0	16.4	-	-	-	-	10.9	8.9	11.5	11.4	9.7	11.5
	MAXIMUM	34.0	37.1	41.6	-	-	-	-	23.9	22.7	34.6	34.6	23.5	41.6
	DAY-HR	30-15	13-13	05-17	-	-	-	-	18-09	13-20	21-16	09-06	13-21	MAR

	# OBS	720	684	113	-	-	-	-	734	712	726	713	744	5146
2001	MEAN	14.6	16.5	15.9	15.7	13.5	15.0	11.6	11.7	9.4	10.9	13.5	17.9	13.9
	MAXIMUM	43.4	41.0	50.5	34.4	36.9	35.4	21.8	24.3	23.9	30.3	42.6	47.2	50.5
	DAY-HR	10-19	07-07	04-19	07-23	02-03	03-03	14-13	29-11	06-03	12-02	29-04	10-15	MAR
	# OBS	743	672	740	630	669	714	742	662	716	742	715	743	8488
POR	MEAN	13.0	14.4	15.2	14.7	13.7	12.5	10.8	10.2	9.6	11.1	13.1	13.5	12.5
	MAXIMUM	50.2	53.1	50.5	47.6	43.0	45.3	36.9	53.5	40.8	43.4	48.2	51.1	53.5
	YEAR	1982	1986	2001	1984	1984	1984	1987	1984	1982	1994	1991	1983	AUG/1984
	# OBS	12628	9471	9758	9524	9754	9605	10523	12811	13160	13923	13643	15026	139826

STATION: 46012 -- POR (6/1998 - 12/2001)

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

ELEMENT: HOURLY PEAK WIND GUST (KNOTS)

YEAR	ELEMENT	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1998	MEAN	-	-	-	-	-	13.7	12.7	13.0	11.6	14.4	14.6	15.0	13.6
	MAXIMUM	-	-	-	-	-	22.4	28.2	24.9	28.6	34.0	41.8	50.9	50.9
	DAY-HR	-	-	-	-	-	26-21	02-06	23-02	19-03	29-21	30-12	06-03	DEC
	MINIMUM	-	-	-	-	-	5.1	1.7	2.9	1.2	1.6	1.7	0.0	0.0
	DAY-HR	-	-	-	-	-	22-10	30-07	13-09	28-01	28-13	10-06	31-12	DEC
	# OBS	-	-	-	-	-	263	723	780	705	729	733	728	4661
1999	MEAN	12.3	15.9	22.3	18.3	22.2	-	-	20.8	9.6	11.7	14.4	14.3	14.3
	MAXIMUM	28.4	25.5	39.5	49.0	41.2	-	-	35.0	31.5	28.4	43.2	31.5	49.0
	DAY-HR	30-20	01-00	27-05	03-22	09-03	-	-	31-03	01-05	07-03	07-21	11-00	APR
	MINIMUM	0.0	6.0	5.2	2.1	0.0	-	-	8.6	1.2	2.5	2.1	1.2	0.0
	DAY-HR	30-06	02-11	23-19	16-05	15-19	-	-	29-20	29-16	13-19	02-15	31-06	MAY
	# OBS	757	34	128	708	322	-	-	55	713	717	677	739	4850
2000	MEAN	13.9	17.0	17.8	-	-	-	17.7	12.3	10.3	13.1	13.0	11.1	13.1
	MAXIMUM	36.7	43.5	42.6	-	-	-	17.7	24.9	25.3	38.1	36.7	26.0	43.5
	DAY-HR	30-12	13-13	05-15	-	-	-	31-23	18-08	13-19	26-06	09-06	18-14	FEB
	MINIMUM	1.0	2.9	2.3	-	-	-	17.7	1.7	1.2	2.1	1.7	1.0	1.0
	DAY-HR	04-22	17-18	02-10	-	-	-	31-23	09-13	03-11	12-12	12-19	10-07	DEC
	# OBS	720	684	112	-	-	-	1	731	694	715	714	744	5115
2001	MEAN	16.4	18.3	17.5	17.4	15.0	16.6	13.1	13.2	10.8	12.5	15.2	19.8	15.5
	MAXIMUM	44.7	41.6	53.5	34.8	37.3	36.2	22.7	25.9	25.7	33.8	47.6	48.0	53.5
	DAY-HR	10-18	07-02	04-18	07-20	02-03	03-05	30-05	21-13	06-03	30-12	24-15	10-14	MAR
	MINIMUM	3.1	2.5	2.3	1.7	1.9	3.7	3.7	2.1	2.1	1.9	2.5	2.9	1.7
	DAY-HR	02-18	27-03	20-13	28-04	08-04	28-08	12-20	12-19	24-22	27-15	18-21	19-03	APR
	# OBS	743	672	737	604	667	715	742	662	718	742	716	742	8460
POR	MEAN	14.2	17.6	18.2	17.9	17.3	15.8	12.9	13.0	10.6	12.9	14.3	15.1	14.3
	MAXIMUM	44.7	43.5	53.5	49.0	41.2	36.2	28.2	35.0	31.5	38.1	47.6	50.9	53.5
	YEAR	2001	2000	2001	1999	1999	2001	1998	1999	1999	2000	2001	1998	MAR/2001
	MINIMUM	0.0	2.5	2.3	1.7	0.0	3.7	1.7	1.7	1.2	1.6	1.7	0.0	0.0
	YEAR	1999	2001	2001	2001	1999	2001	1998	2000	2000	1998	2000	1998	MAY/1999
	# OBS	2220	1390	977	1312	989	978	1466	2228	2830	2903	2840	2953	23086

STATION: 46012 -- POR (11/1980 - 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
1980	MEAN	-	-	-	-	-	-	-	-	-	-	1.9	1.9	1.9
	MAXIMUM	-	-	-	-	-	-	-	-	-	-	4.4	5.3	5.3
	DAY-HR	-	-	-	-	-	-	-	-	-	-	29-01	04-01	DEC
	# OBS	-	-	-	-	-	-	-	-	-	-	155	737	892
1981	MEAN	2.3	2.1	2.8	2.2	2.1	2.1	1.6	1.6	1.6	1.6	2.5	2.6	2.1
	MAXIMUM	6.0	4.5	6.5	5.3	4.0	4.0	3.0	3.1	3.7	3.9	7.4	6.6	7.4
	DAY-HR	10-00	20-10	05-04	03-02	03-05	27-07	08-04	31-07	22-07	29-20	14-17	21-17	NOV
	# OBS	396	627	724	716	738	716	744	743	698	722	718	735	8277
1982	MEAN	2.4	-	-	1.7	2.2	1.3	1.7	1.2	1.8	1.6	2.0	2.7	1.8
	MAXIMUM	6.8	-	-	3.7	5.3	2.8	3.1	2.5	3.9	3.6	6.9	7.4	7.4
	DAY-HR	04-18	-	-	29-07	09-02	14-04	16-06	01-09	29-11	08-04	30-23	23-01	DEC
	# OBS	606	-	-	174	730	718	732	737	712	737	719	743	6608

1983	MEAN	2.6	3.7	3.2	2.1	1.8	2.1	1.8	1.4	1.5	1.6	3.0	2.5	2.2
	MAXIMUM	7.9	6.2	7.8	4.9	4.8	4.5	3.9	2.8	3.7	2.9	6.9	8.7	8.7
	DAY-HR	26-23	13-11	01-22	04-03	31-14	20-08	15-04	01-12	09-07	13-12	14-04	03-22	DEC
	# OBS	628	506	741	710	740	708	742	741	717	737	717	599	8286
1984	MEAN	1.8	1.5	2.9	2.6	2.1	1.9	1.5	1.5	1.6	2.0	2.8	2.1	2.0
	MAXIMUM	4.2	5.1	5.3	5.8	4.6	4.0	3.0	2.8	3.0	4.8	6.0	4.9	6.0
	DAY-HR	10-22	10-02	14-13	25-05	15-03	10-05	01-07	03-08	21-19	17-08	18-20	12-23	NOV
	# OBS	735	218	457	716	737	713	725	625	699	728	700	737	7790
1985	MEAN	2.1	2.0	2.6	1.9	1.6	1.6	1.2	1.3	1.4	1.9	1.9	2.2	1.8
	MAXIMUM	3.8	4.3	5.7	5.0	3.4	3.0	2.0	2.7	2.4	3.7	5.4	7.4	7.4
	DAY-HR	21-06	21-05	03-01	25-03	05-05	15-23	12-16	09-07	19-07	08-05	30-08	02-23	DEC
	# OBS	735	665	735	713	741	717	740	739	715	740	715	737	8692
1986	MEAN	2.5	3.1	2.4	2.2	2.0	1.5	1.3	1.2	1.3	1.8	2.1	2.4	2.0
	MAXIMUM	5.8	7.0	6.4	4.3	4.1	3.5	1.9	2.0	2.9	4.0	4.3	5.0	7.0
	DAY-HR	15-13	01-11	16-02	24-07	02-07	20-03	31-13	30-08	26-04	01-11	25-08	19-06	FEB
	# OBS	738	658	730	715	735	710	167	739	718	737	699	743	8089
1987	MEAN	2.9	-	-	-	-	1.8	1.5	1.3	1.5	1.4	2.3	3.1	1.9
	MAXIMUM	4.9	-	-	-	-	3.1	4.3	2.2	4.1	2.5	4.6	7.0	7.0
	DAY-HR	03-17	-	-	-	-	22-23	17-07	25-12	16-07	03-06	21-17	16-13	DEC
	# OBS	331	-	-	-	-	334	736	739	681	738	714	739	5012
1988	MEAN	2.4	2.1	2.5	1.9	2.1	2.0	1.5	1.4	1.5	1.4	2.5	2.3	2.0
	MAXIMUM	6.9	4.4	4.7	4.0	5.0	4.4	3.4	2.9	3.1	2.5	4.7	5.9	6.9
	DAY-HR	18-09	18-11	28-01	17-10	01-05	29-06	01-07	18-06	20-12	05-20	14-23	21-22	JAN
	# OBS	741	694	740	710	740	713	738	731	716	741	717	742	8723
1989	MEAN	2.2	1.7	2.0	1.6	2.0	1.7	1.8	1.5	1.3	1.7	1.7	1.9	1.8
	MAXIMUM	4.5	3.5	4.0	3.0	4.6	3.3	3.6	2.8	2.5	4.1	3.8	4.2	4.6
	DAY-HR	01-02	25-04	02-15	01-23	12-06	21-05	21-04	15-07	06-16	23-15	27-06	04-08	MAY
	# OBS	741	667	737	717	713	703	733	737	713	740	718	735	8654
1990	MEAN	2.6	2.5	2.5	-	-	1.3	1.4	1.3	1.4	2.0	1.9	2.1	1.9
	MAXIMUM	6.0	5.1	4.1	-	-	1.9	2.5	2.6	2.8	4.0	4.4	4.6	6.0
	DAY-HR	31-05	07-05	11-23	-	-	24-13	14-15	24-12	26-07	03-08	26-20	19-21	JAN
	# OBS	741	667	282	-	-	228	739	742	709	740	717	741	6306
1991	MEAN	1.9	2.2	2.8	2.7	-	-	1.3	1.3	1.7	1.7	2.5	2.5	2.1
	MAXIMUM	4.3	4.4	5.6	4.2	-	-	1.7	3.4	2.9	4.5	5.9	4.8	5.9
	DAY-HR	14-13	12-18	21-04	05-18	-	-	30-11	10-20	25-21	27-12	29-14	27-22	NOV
	# OBS	740	672	740	178	-	-	41	738	718	741	717	736	6021
1992	MEAN	2.7	2.6	2.3	2.0	1.8	1.6	1.4	1.4	1.6	2.0	2.1	2.6	2.0
	MAXIMUM	5.2	4.7	4.1	4.0	4.3	2.8	3.0	2.4	4.2	4.0	4.2	5.1	5.2
	DAY-HR	05-18	09-23	28-06	22-12	01-05	18-14	24-14	23-05	26-06	31-18	08-17	12-06	JAN
	# OBS	739	685	730	719	743	716	741	735	705	730	696	725	8664
1993	MEAN	2.2	2.6	-	-	-	-	-	-	-	-	-	2.7	2.5
	MAXIMUM	4.9	4.6	-	-	-	-	-	-	-	-	-	5.6	5.6
	DAY-HR	13-03	20-03	-	-	-	-	-	-	-	-	-	11-16	DEC
	# OBS	722	441	-	-	-	-	-	-	-	-	-	702	1865
1994	MEAN	2.2	2.4	2.2	2.3	2.1	1.8	1.7	1.5	1.4	2.0	2.5	2.3	2.1
	MAXIMUM	4.8	5.5	4.6	5.6	4.4	4.0	2.7	2.9	2.5	4.9	5.4	4.9	5.6
	DAY-HR	25-07	17-08	24-23	26-03	26-16	15-04	04-09	21-04	01-02	15-06	26-13	17-10	APR
	# OBS	717	632	715	689	710	663	367	318	709	723	702	426	7371
1995	MEAN	-	-	-	-	-	-	1.8	1.6	1.7	2.0	2.0	2.9	2.0
	MAXIMUM	-	-	-	-	-	-	2.5	3.5	3.5	4.4	3.7	8.0	8.0
	DAY-HR	-	-	-	-	-	-	30-13	08-09	26-03	22-06	27-02	13-02	DEC
	# OBS	-	-	-	-	-	-	77	728	713	741	713	741	3713
1996	MEAN	2.4	2.7	2.1	2.4	2.0	2.0	1.5	1.6	1.7	2.0	2.1	2.5	2.1
	MAXIMUM	5.3	4.8	5.5	5.5	4.3	3.4	2.8	2.9	3.1	4.8	4.3	5.0	5.5
	DAY-HR	22-20	05-21	13-07	17-07	19-18	16-00	19-05	03-04	17-14	26-08	20-01	30-02	APR
	# OBS	736	688	742	737	738	719	831	789	714	736	695	741	8866
1997	MEAN	2.5	2.6	2.4	2.1	1.4	2.2	1.8	-	-	-	-	-	2.2
	MAXIMUM	4.7	6.3	3.9	4.2	2.8	4.2	3.0	-	-	-	-	-	6.3
	DAY-HR	02-05	27-08	03-04	25-07	05-01	08-05	09-07	-	-	-	-	-	FEB
	# OBS	740	659	744	713	738	718	214	-	-	-	-	-	4526
1998	MEAN	-	-	-	-	-	1.7	1.6	1.7	1.8	2.1	2.7	2.8	2.1
	MAXIMUM	-	-	-	-	-	2.6	3.1	3.2	4.0	4.5	7.8	6.6	7.8
	DAY-HR	-	-	-	-	-	26-23	03-14	07-19	09-10	30-00	24-14	01-05	NOV
	# OBS	-	-	-	-	-	262	725	782	693	729	690	703	4584
1999	MEAN	2.5	3.2	2.9	2.3	2.5	-	-	2.1	1.7	1.8	2.3	2.4	2.4
	MAXIMUM	5.8	5.7	5.0	5.0	5.5	-	-	3.5	3.5	6.6	4.9	4.7	6.6
	DAY-HR	26-18	07-05	04-03	03-17	09-00	-	-	31-05	27-10	28-23	19-21	11-00	OCT
	# OBS	729	542	663	520	240	-	-	67	713	718	676	739	5607

2000	MEAN	2.2	2.9	3.3	-	-	-	-	1.5	1.5	2.2	2.2	2.3	2.1
	MAXIMUM	6.4	5.7	6.6	-	-	-	-	2.9	2.7	5.0	4.8	6.8	6.8
	DAY-HR	31-12	28-00	05-17	-	-	-	-	18-03	30-12	22-04	30-13	22-20	DEC
	# OBS	720	684	113	-	-	-	-	719	665	713	713	742	5069
2001	MEAN	3.0	2.6	2.6	2.1	1.8	1.8	1.5	1.6	1.5	1.8	2.6	3.1	2.2
	MAXIMUM	7.4	6.1	6.6	4.2	5.5	4.0	2.9	3.6	3.5	3.8	7.3	6.9	7.4
	DAY-HR	11-15	20-07	04-21	08-03	02-03	04-04	16-06	29-12	06-03	24-15	22-00	21-00	JAN
	# OBS	742	672	740	596	603	712	740	664	718	740	716	741	8384
POR	MEAN	2.4	2.5	2.5	2.1	1.9	1.8	1.6	1.4	1.6	1.8	2.3	2.5	2.0
	MAXIMUM	7.9	7.0	7.8	5.8	5.5	4.5	4.3	3.6	4.2	6.6	7.8	8.7	8.7
	YEAR	1983	1986	1983	1984	2001	1983	1987	2001	1992	1999	1998	1983	DEC/1983
	# OBS	12977	10377	10333	9323	9646	10050	10532	12813	13426	13931	13607	14984	141999

STATION: 46012

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

Month: JAN

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	1.7	*	0.1	0.1	*	0.1	*	*	*	*	*	0.1	*	2.2	267
1 - 3		1.2	1.1	1.1	1.3	1.1	0.8	0.7	0.5	0.4	0.6	0.8	1.0	10.6	1267
4 - 6		2.6	1.9	1.6	1.7	1.5	1.3	1.1	0.6	0.7	0.6	1.1	2.4	17.3	2065
7 - 10		5.6	2.3	2.1	1.4	1.0	2.4	1.7	0.7	0.6	0.5	1.6	5.4	25.3	3025
11 - 15		5.4	1.9	1.7	0.6	0.5	3.0	1.9	0.9	0.6	0.6	1.6	7.7	26.4	3163
16 - 20		1.4	0.5	0.4	0.3	0.2	2.2	1.4	0.4	0.2	0.2	1.0	3.4	11.6	1393
21 - 24		0.2	0.1	0.1	*	0.2	1.3	0.8	0.2	0.1	0.1	0.3	1.3	4.5	543
25 - 33		*	*	-	-	0.1	0.9	0.4	0.1	-	*	0.1	0.4	2.0	238
34 - 47		-	-	-	-	-	0.1	*	-	-	-	-	-	0.1	8
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	1.7	16.4	7.9	7.0	5.3	4.7	12.1	8.0	3.4	2.6	2.6	6.7	21.6	100.0	
TOTAL N	202	1964	941	839	638	558	1446	963	411	310	311	801	2585		11969

(* < 0.05%)

STATION: 46012

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

Month: FEB

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	*	1.1	95
1 - 3		1.0	0.7	0.7	0.6	0.7	0.8	0.8	0.4	0.6	0.5	1.0	1.2	9.0	800
4 - 6		2.1	0.9	0.7	0.7	1.3	1.3	1.2	0.9	0.8	0.9	1.9	3.0	15.7	1390
7 - 10		3.5	0.6	0.6	0.4	1.1	1.8	2.0	1.0	0.9	0.9	3.0	7.3	23.1	2048
11 - 15		2.3	0.6	0.4	0.1	0.6	3.1	2.6	0.9	0.8	0.8	2.4	11.9	26.7	2365
16 - 20		0.5	0.1	0.2	-	0.3	2.4	2.0	0.8	0.6	0.5	1.2	5.5	13.9	1234
21 - 24		0.2	0.1	-	-	0.1	1.4	1.1	0.2	0.1	0.1	0.6	2.1	6.0	532
25 - 33		0.1	0.1	-	-	0.1	1.5	0.4	0.1	*	-	0.4	1.6	4.3	383
34 - 47		-	-	-	-	-	0.1	-	-	-	-	*	*	0.2	17
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.7	9.8	3.1	2.6	1.8	4.2	12.5	10.0	4.3	3.7	3.9	10.7	32.6	100.0	
TOTAL N	58	870	277	232	158	375	1109	890	383	331	348	945	2888		8864

(* < 0.05%)

STATION: 46012

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	0.3	0.1	*	*	*	0.1	*	*	*	*	*	0.1	*	0.7	68
1 - 3		0.5	0.3	0.3	0.3	0.5	0.6	0.6	0.7	0.6	1.0	1.0	1.0	7.6	736
4 - 6		1.1	0.3	0.2	0.5	0.6	1.3	1.3	1.5	0.9	1.3	2.5	2.8	14.4	1399
7 - 10		1.1	0.3	0.2	0.2	0.8	2.0	2.7	1.1	1.0	1.1	4.8	6.8	22.1	2138
11 - 15		0.8	0.2	0.2	0.1	0.3	2.7	2.6	0.9	0.6	0.8	5.2	10.1	24.4	2363
16 - 20		0.4	*	0.1	*	0.2	2.5	1.4	0.5	0.4	0.4	4.0	9.2	19.0	1837
21 - 24		0.1	-	-	-	0.1	1.0	0.8	0.1	0.1	-	1.5	4.1	7.8	756
25 - 33		*	-	-	-	*	0.9	0.3	*	-	-	0.5	1.9	3.7	361
34 - 47		-	-	-	-	-	0.1	-	-	-	-	*	0.1	0.2	24
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.3	4.0	1.1	1.1	1.1	2.6	11.3	9.7	4.9	3.6	4.6	19.5	36.2	100.0	
TOTAL N	33	389	111	105	102	253	1092	938	470	352	449	1887	3501		9682

(* < 0.05%)

STATION: 46012

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	0.7	*	*	*	*	*	*	*	*	*	*	*	0.1	*	1.0	97
1 - 3		0.5	0.3	0.4	0.3	0.4	0.5	0.5	0.5	0.6	0.9	1.2	0.9		7.0	672
4 - 6		0.9	0.3	0.1	0.2	0.4	1.1	1.2	0.9	1.1	1.8	4.0	3.3		15.3	1473
7 - 10		1.3	0.2	0.1	0.1	0.4	1.6	1.8	0.9	0.5	1.8	6.5	8.3		23.4	2250
11 - 15		0.8	0.1	*	-	0.2	1.4	1.3	0.4	0.1	0.5	6.5	14.0		25.2	2419
16 - 20		0.3	*	-	-	0.1	1.1	0.5	0.1	*	0.1	4.6	10.0		16.8	1614
21 - 24		0.1	-	-	-	*	0.3	*	-	-	-	1.6	5.4		7.4	712
25 - 33		-	-	-	-	0.1	0.1	-	-	-	-	0.5	3.0		3.6	349
34 - 47		-	-	-	-	-	-	-	-	-	-	-	0.2		0.2	21
> 48		-	-	-	-	-	*	-	-	-	-	-	*		0.0	2
TOTAL %	0.7	4.0	0.9	0.6	0.5	1.5	6.2	5.4	2.7	2.3	5.1	24.9	45.1	100.0		
TOTAL N	68	382	85	57	52	148	595	517	263	225	493	2392	4332			9609

(* < 0.05%)

STATION: 46012

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	0.8	*	*	*	*	*	*	*	*	*	*	0.1	*		1.1	105
1 - 3		0.4	0.2	0.1	0.3	0.3	0.5	0.8	0.7	0.6	1.0	1.3	1.0		7.1	697
4 - 6		0.5	0.1	0.1	0.1	0.4	0.8	1.6	1.3	1.6	2.5	4.4	3.6		16.8	1655
7 - 10		0.6	-	-	*	0.2	1.5	2.2	0.8	0.6	1.7	8.7	10.3		26.6	2611
11 - 15		0.5	*	*	*	0.1	0.8	1.1	*	0.1	0.5	8.0	15.3		26.5	2601
16 - 20		0.2	-	-	-	*	0.3	0.1	-	-	0.1	4.7	9.4		14.8	1452
21 - 24		0.1	-	-	-	-	*	-	-	-	-	1.5	3.2		4.8	467
25 - 33		-	-	-	-	-	-	-	-	-	-	0.5	2.0		2.4	240
34 - 47		-	-	-	-	-	-	-	-	-	-	-	*		0.0	2
> 48		-	-	-	-	-	-	-	-	-	-	-	-		0.0	0
TOTAL %	0.8	2.3	0.3	0.2	0.4	0.9	3.9	5.8	2.8	2.9	5.8	29.2	44.8	100.0		
TOTAL N	76	224	31	19	37	93	380	571	273	284	568	2868	4406			9830

(* < 0.05%)

STATION: 46012

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

Month: JUN

WIND SPEED	CALM	WIND DIRECTION												TOT %	TOT N	
		35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34			
0	1.0	*	-	-	-	-	*	*	0.1	*	-	0.1	*		1.2	119
1 - 3		0.2	0.1	0.1	0.1	0.3	0.5	1.2	1.2	1.4	1.4	1.4	0.6		8.6	832
4 - 6		0.3	*	0.1	0.1	0.3	1.5	2.7	1.9	1.5	2.6	5.5	2.6		19.1	1852
7 - 10		0.3	-	-	-	0.1	1.8	2.4	1.0	0.4	1.8	10.9	8.6		27.3	2649
11 - 15		0.3	-	-	-	0.1	1.2	1.3	0.1	*	0.1	9.3	16.5		29.0	2814
16 - 20		0.1	-	-	-	-	0.3	0.2	-	-	-	4.0	7.3		11.8	1148
21 - 24		*	-	-	-	-	*	*	-	-	-	0.9	1.5		2.4	236
25 - 33		-	-	-	-	-	-	-	-	-	-	0.2	0.4		0.6	63
34 - 47		-	-	-	-	-	-	-	-	-	-	-	*		0.0	4
> 48		-	-	-	-	-	-	-	-	-	-	-	-		0.0	0
TOTAL %	1.0	1.2	0.1	0.2	0.2	0.7	5.2	7.8	4.2	3.4	5.9	32.2	37.7	100.0		
TOTAL N	100	119	13	20	20	71	509	755	411	331	578	3131	3659			9717

(* < 0.05%)

STATION: 46012

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

Month: JUL

WIND SPEED	CALM	WIND DIRECTION												TOT %	TOT N	
		35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34			
0	1.3	*	*	*	-	-	*	*	0.1	*	*	0.1	*		1.6	171
1 - 3		0.3	0.1	*	0.1	0.2	0.8	1.3	1.5	1.5	1.9	2.1	1.0		10.9	1155
4 - 6		0.5	0.1	*	*	0.2	1.2	2.5	2.2	1.6	4.1	8.0	4.5		24.7	2619
7 - 10		0.5	-	*	-	*	1.3	2.4	1.0	0.4	1.4	12.7	12.5		32.2	3424
11 - 15		0.2	-	-	-	*	0.6	0.6	0.1	*	0.1	6.9	15.9		24.5	2607
16 - 20		*	-	-	-	-	*	*	-	-	0.1	1.3	4.2		5.7	605
21 - 24		-	-	-	-	-	-	-	-	-	*	0.1	0.2		0.3	34
25 - 33		-	-	-	-	-	-	-	-	-	-	*	*		0.1	6
34 - 47		-	-	-	-	-	-	-	-	-	-	-	-		0.0	0
> 48		-	-	-	-	-	-	-	-	-	-	-	-		0.0	0
TOTAL %	1.3	1.5	0.1	0.1	0.1	0.4	4.0	6.9	4.8	3.5	7.7	31.2	38.3	100.0		

TOTAL N 140 164 13 8 10 45 429 732 505 376 816 3312 4071 10621
 (* < 0.05%)

STATION: 46012

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	2.6	0.1	*	*	*	*	*	0.1	0.1	0.1	*	0.1	*	3.1	397
1 - 3		0.7	0.3	0.1	0.2	0.5	1.0	1.3	1.4	1.7	1.9	2.4	1.6	13.1	1692
4 - 6		0.8	*	*	0.1	0.5	1.5	3.0	1.8	1.7	2.9	6.7	5.6	24.8	3196
7 - 10		0.5	*	-	-	0.1	1.6	2.0	0.7	0.3	1.1	9.3	14.7	30.3	3911
11 - 15		0.2	*	-	-	0.1	1.0	0.6	0.1	*	0.1	5.5	17.0	24.6	3175
16 - 20		*	-	-	-	-	0.1	*	-	-	*	0.8	3.2	4.1	526
21 - 24		-	-	-	-	-	-	-	-	-	-	*	0.1	0.1	11
25 - 33		-	-	-	-	-	-	-	-	-	-	*	*	0.0	3
34 - 47		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	2.6	2.4	0.3	0.1	0.3	1.2	5.2	7.1	4.0	3.8	6.0	24.8	42.2	100.0	
TOTAL N	333	304	43	19	42	153	673	914	521	488	769	3199	5453		12911

(* < 0.05%)

STATION: 46012

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

Month: SEP

WIND SPEED	CALM	WIND DIRECTION												TOT %	TOT N
		35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
0	2.0	0.1	0.1	*	0.1	0.1	0.1	0.1	0.1	*	0.1	0.1	0.1	2.7	363
1 - 3		1.4	0.7	0.5	0.5	0.8	1.4	1.7	1.6	1.6	2.2	2.8	2.0	17.1	2267
4 - 6		1.7	0.3	0.1	0.2	0.6	2.2	3.3	2.0	1.5	3.1	6.6	6.1	27.7	3677
7 - 10		1.1	0.2	0.1	*	0.4	2.9	2.2	0.5	0.4	1.4	7.9	12.2	29.2	3887
11 - 15		0.8	*	*	*	0.1	1.1	0.8	0.1	0.1	0.4	4.0	10.5	17.9	2378
16 - 20		0.2	-	-	-	-	0.1	*	-	*	0.1	1.1	3.1	4.6	610
21 - 24		*	-	-	-	-	*	-	-	-	-	0.1	0.5	0.6	79
25 - 33		-	-	-	-	-	-	-	-	-	-	*	0.2	0.2	26
34 - 47		-	-	-	-	-	-	-	-	-	-	-	*	0.0	1
> 48		-	-	-	-	-	-	-	-	-	*	-	-	0.0	1
TOTAL %	2.0	5.2	1.3	0.6	0.8	2.0	7.8	8.0	4.3	3.8	7.2	22.6	34.5	100.0	
TOTAL N	260	696	172	86	102	265	1036	1063	565	499	959	2999	4587		13289

(* < 0.05%)

STATION: 46012

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

Month: OCT

WIND SPEED	CALM	WIND DIRECTION												TOT %	TOT N
		35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
0	2.3	0.1	0.1	0.1	0.1	0.1	*	*	*	*	0.1	0.1	0.1	3.0	395
1 - 3		1.3	0.8	0.5	0.6	0.9	1.1	1.2	1.2	0.9	1.4	1.9	1.9	13.8	1829
4 - 6		2.1	0.5	0.2	0.4	0.9	2.1	2.5	1.5	1.1	1.6	3.7	5.9	22.6	3000
7 - 10		2.8	0.2	0.1	0.1	0.5	2.5	2.2	0.5	0.3	0.6	4.4	13.6	27.8	3697
11 - 15		1.2	0.1	0.1	*	0.1	1.7	0.8	0.2	0.1	0.2	3.0	13.2	20.7	2753
16 - 20		0.2	0.1	*	*	*	0.8	0.3	*	0.1	*	1.5	5.2	8.4	1112
21 - 24		*	*	-	-	*	0.2	0.1	*	*	*	0.6	1.7	2.7	358
25 - 33		-	-	-	-	*	*	0.1	-	*	*	0.3	0.7	1.1	149
34 - 47		-	-	-	-	-	-	-	-	-	-	*	*	0.0	3
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	2.3	7.6	1.8	1.0	1.2	2.6	8.5	7.3	3.5	2.5	3.9	15.6	42.3	100.0	
TOTAL N	300	1017	236	127	162	348	1125	965	469	334	518	2071	5624		13296

(* < 0.05%)

STATION: 46012

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	1.3	*	0.1	*	*	0.1	*	0.1	*	*	*	*	*	1.7	227
1 - 3		1.3	0.8	0.9	0.9	1.1	0.9	0.7	0.6	0.5	0.7	1.0	1.2	10.6	1375
4 - 6		3.2	1.2	0.9	0.8	1.2	1.4	1.1	0.6	0.6	0.9	2.0	3.8	17.7	2301
7 - 10		4.3	0.9	0.6	0.6	0.7	2.2	1.5	0.8	0.5	0.6	2.5	9.1	24.3	3161
11 - 15		3.6	0.6	0.6	0.3	0.2	1.8	1.5	0.4	0.4	0.6	2.2	13.1	25.5	3314
16 - 20		0.5	0.1	0.1	*	0.1	2.0	1.0	0.3	0.2	0.3	1.2	7.1	13.0	1692
21 - 24		0.1	*	*	*	0.1	1.4	0.4	0.1	-	0.1	0.5	2.3	4.9	636
25 - 33		*	-	-	-	0.1	0.6	0.2	*	*	*	0.3	0.7	2.2	281

34 - 47	-	-	-	-	-	-	0.1	*	-	-	-	-	*	0.1	15
> 48	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	1.3	13.0	3.8	3.2	2.7	3.5	10.5	6.5	2.9	2.2	3.3	9.7	37.4	100.0	
TOTAL N	167	1687	489	419	353	460	1365	848	375	286	429	1263	4861		13002

(* < 0.05%)

STATION: 46012

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	1.2	0.1	0.1	0.1	0.1	0.1	0.1	*	*	*	0.1	0.1	*	1.8	260
1 - 3		1.2	0.9	0.8	1.1	1.0	0.8	0.7	0.6	0.6	0.6	1.0	1.2	10.5	1506
4 - 6		2.6	1.7	1.6	1.5	1.2	1.4	1.0	0.7	0.5	0.8	1.3	2.3	16.6	2381
7 - 10		5.3	2.8	2.2	1.3	1.1	2.2	1.4	0.7	0.7	0.7	1.7	5.3	25.2	3615
11 - 15		4.5	2.0	2.2	0.6	0.6	3.1	1.6	0.6	0.4	0.5	1.1	6.9	24.0	3442
16 - 20		1.6	0.4	0.9	0.2	0.3	2.5	1.2	0.5	0.2	0.2	0.8	4.0	12.8	1839
21 - 24		0.5	0.1	0.1	*	0.2	1.7	0.6	0.1	0.1	*	0.3	1.7	5.5	781
25 - 33		0.2	0.1	*	-	0.1	1.1	0.5	0.1	*	*	0.2	0.9	3.3	469
34 - 47		-	*	-	-	-	0.1	*	*	*	-	-	0.1	0.2	28
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	1.2	16.0	8.0	7.8	4.7	4.5	13.1	7.1	3.4	2.6	2.8	6.5	22.3	100.0	
TOTAL N	171	2298	1150	1118	671	644	1870	1014	481	374	406	931	3193		14321

(* < 0.05%)

STATION: 46012

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	1.4	*	*	*	*	0.1	*	*	*	*	*	0.1	*	1.9	2564
1 - 3		0.9	0.6	0.5	0.5	0.7	0.8	1.0	0.9	0.9	1.2	1.5	1.3	10.8	14828
4 - 6		1.6	0.6	0.5	0.6	0.8	1.5	1.9	1.3	1.1	1.9	4.0	3.9	19.7	27008
7 - 10		2.4	0.7	0.5	0.4	0.5	2.0	2.0	0.8	0.5	1.1	6.0	9.6	26.6	36416
11 - 15		1.8	0.5	0.5	0.2	0.2	1.8	1.3	0.4	0.3	0.4	4.4	12.5	24.4	33394
16 - 20		0.5	0.1	0.2	*	0.1	1.2	0.7	0.2	0.1	0.2	2.0	5.7	11.0	15062
21 - 24		0.1	*	*	*	0.1	0.6	0.3	0.1	*	*	0.6	1.9	3.8	5145
25 - 33		*	*	*	-	*	0.4	0.2	*	*	*	0.2	0.9	1.9	2568
34 - 47		-	*	-	-	-	*	*	*	*	-	*	*	0.1	123
> 48		-	-	-	-	-	*	-	-	-	*	-	*	0.0	3
TOTAL %	1.4	7.4	2.6	2.2	1.7	2.5	8.5	7.4	3.7	3.1	4.8	18.8	35.9	100.0	
TOTAL N	1908	10114	3561	3049	2347	3413	11629	10170	5127	4190	6644	25799	49160		137111

(* < 0.05%)

STATION: 46012

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	1.2	*	0.1	*	*	0.1	*	*	*	*	*	0.1	*	1.8	622
1 - 3		1.1	0.9	0.9	1.0	0.9	0.8	0.7	0.5	0.5	0.6	0.9	1.1	10.2	3573
4 - 6		2.5	1.6	1.4	1.3	1.3	1.4	1.1	0.7	0.6	0.8	1.4	2.5	16.6	5836
7 - 10		4.9	2.0	1.7	1.1	1.1	2.2	1.7	0.8	0.7	0.7	2.0	5.8	24.7	8688
11 - 15		4.3	1.6	1.6	0.5	0.6	3.1	2.0	0.8	0.6	0.6	1.6	8.4	25.5	8970
16 - 20		1.3	0.3	0.5	0.2	0.3	2.4	1.5	0.5	0.3	0.3	1.0	4.2	12.7	4466
21 - 24		0.3	0.1	0.1	*	0.2	1.5	0.8	0.2	0.1	0.1	0.4	1.6	5.3	1856
25 - 33		0.1	0.1	*	-	0.1	1.1	0.4	0.1	*	*	0.2	0.9	3.1	1090
34 - 47		-	*	-	-	-	0.1	*	*	*	-	*	*	0.2	53
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	1.2	14.6	6.7	6.2	4.2	4.5	12.6	8.2	3.6	2.9	3.0	7.6	24.7	100.0	
TOTAL N	431	5132	2368	2189	1467	1577	4425	2867	1275	1015	1065	2677	8666		35154

(* < 0.05%)

STATION: 46012

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	0.6	*	*	*	*	*	*	*	*	*	*	0.1	*	0.9	270
1 - 3		0.4	0.3	0.3	0.3	0.4	0.5	0.6	0.6	0.6	1.0	1.2	1.0	7.2	2105
4 - 6		0.9	0.2	0.1	0.2	0.5	1.1	1.4	1.2	1.2	1.9	3.6	3.3	15.5	4527
7 - 10		1.0	0.1	0.1	0.1	0.4	1.7	2.2	0.9	0.7	1.6	6.6	8.5	24.0	6999
11 - 15		0.7	0.1	0.1	*	0.2	1.7	1.7	0.4	0.3	0.6	6.6	13.1	25.4	7383

1 - 3	-	1.5	4.4	1.6	0.6	0.2	*	-	-	-	-	-	-	-	-	8.3	858
4 - 6	-	2.7	7.4	3.0	1.0	0.2	0.1	-	-	-	-	-	-	-	-	14.3	1489
7 - 10	-	2.6	9.9	6.4	1.7	0.3	0.1	*	-	-	-	-	-	-	-	20.9	2172
11 - 15	-	2.2	10.9	7.7	2.4	0.6	0.1	-	-	-	-	-	-	-	-	23.9	2483
16 - 20	-	0.4	3.8	5.6	2.5	0.6	0.1	-	-	-	-	-	-	-	-	13.0	1351
21 - 24	-	*	0.9	2.2	2.0	0.4	*	*	-	-	-	-	-	-	-	5.4	564
25 - 33	-	*	0.2	1.1	2.1	0.6	*	-	-	-	-	-	-	-	-	4.0	411
34 - 47	-	-	-	*	*	*	0.1	-	-	-	-	-	-	-	-	0.2	17
> 48	-	2.0	3.2	1.8	1.5	0.5	*	-	-	-	-	-	-	-	-	9.0	930
TOTAL %	0.0	11.7	41.2	29.5	13.8	3.4	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	0	1209	4274	3061	1427	348	56	2	0	0	0	0	0	0	0		10377

(* < 0.05%)

STATION: 46012

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

Month: MAR

WAVE HEIGHT

WIND SPEED	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4	TOT %	TOT N
0	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	-	0.7	70
1 - 3	-	0.1	0.4	0.1	*	-	-	-	-	-	-	-	-	-	-	7.2	744
4 - 6	-	1.7	3.8	1.4	0.3	*	-	-	-	-	-	-	-	-	-	13.5	1398
7 - 10	-	2.7	7.5	2.7	0.6	*	*	-	-	-	-	-	-	-	-	20.8	2147
11 - 15	*	2.7	11.7	5.2	1.0	0.1	0.1	-	-	-	-	-	-	-	-	23.3	2404
16 - 20	*	1.8	10.7	8.3	2.1	0.3	0.1	-	-	-	-	-	-	-	-	17.8	1841
21 - 24	-	0.3	5.4	8.3	3.1	0.6	0.1	*	-	-	-	-	-	-	-	7.3	754
25 - 33	-	0.1	0.8	3.5	2.1	0.6	0.1	*	*	-	-	-	-	-	-	3.4	351
34 - 47	-	*	0.2	1.1	1.1	0.7	0.2	0.1	-	-	-	-	-	-	-	0.2	25
> 48	-	-	-	-	*	0.1	*	*	-	-	-	-	-	-	-	5.8	599
TOTAL %	0.0	9.7	42.3	33.0	11.4	2.7	0.7	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	2	1001	4376	3408	1179	275	70	20	2	0	0	0	0	0	0		10333

(* < 0.05%)

STATION: 46012

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

Month: APR

WAVE HEIGHT

WIND SPEED	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4	TOT %	TOT N
0	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	-	1.0	95
1 - 3	-	0.6	0.3	0.1	-	-	-	-	-	-	-	-	-	-	-	7.1	662
4 - 6	0.1	3.1	3.3	0.6	*	*	*	-	-	-	-	-	-	-	-	15.5	1446
7 - 10	*	6.8	6.9	1.6	0.2	*	-	-	-	-	-	-	-	-	-	23.8	2218
11 - 15	-	8.3	11.7	3.3	0.5	0.1	*	-	-	-	-	-	-	-	-	25.2	2348
16 - 20	-	3.9	15.0	5.5	0.7	*	-	-	-	-	-	-	-	-	-	16.5	1541
21 - 24	-	0.5	6.5	7.6	1.8	0.1	-	-	-	-	-	-	-	-	-	7.3	681
25 - 33	-	*	0.9	3.7	2.5	0.2	-	-	-	-	-	-	-	-	-	3.3	308
34 - 47	-	*	0.1	1.2	1.6	0.4	-	-	-	-	-	-	-	-	-	0.2	17
> 48	-	-	-	-	0.1	0.1	*	-	-	-	-	-	-	-	-	0.1	7
TOTAL %	0.1	23.1	44.7	23.7	7.4	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	12	2155	4172	2208	692	80	4	0	0	0	0	0	0	0	0		9323

(* < 0.05%)

STATION: 46012

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

Month: MAY

WAVE HEIGHT

WIND SPEED	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4	TOT %	TOT N
0	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	-	1.0	101
1 - 3	-	0.6	0.4	*	-	-	-	-	-	-	-	-	-	-	-	7.1	688
4 - 6	-	3.9	2.9	0.3	*	-	-	-	-	-	-	-	-	-	-	16.9	1632
7 - 10	-	8.6	7.5	0.8	*	-	-	-	-	-	-	-	-	-	-	26.7	2577
11 - 15	0.1	10.7	13.5	2.3	0.1	-	-	-	-	-	-	-	-	-	-	26.4	2545
16 - 20	-	5.6	14.9	5.7	0.3	-	-	-	-	-	-	-	-	-	-	14.7	1416
21 - 24	-	0.7	6.0	6.7	1.3	*	-	-	-	-	-	-	-	-	-	4.5	435
25 - 33	-	*	0.6	2.4	1.3	0.2	-	-	-	-	-	-	-	-	-	2.1	207
34 - 47	-	-	0.1	0.7	1.0	0.4	*	-	-	-	-	-	-	-	-	0.0	2
> 48	-	-	-	-	*	-	-	-	-	-	-	-	-	-	-	0.4	43
TOTAL %	0.1	30.5	45.8	18.9	4.1	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	5	2941	4422	1821	399	56	2	0	0	0	0	0	0	0	0		9646

(* < 0.05%)

STATION: 46012

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

Month: JUN

WIND SPEED	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4		
0	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	>13.4	TOT %	TOT N
1 - 3	*	0.7	0.4	*	-	-	-	-	-	-	-	-	-	-	-	1.2	118
4 - 6	*	5.5	2.4	0.3	-	-	-	-	-	-	-	-	-	-	-	8.2	825
7 - 10	*	9.8	7.6	0.9	*	-	-	-	-	-	-	-	-	-	-	18.3	1842
11 - 15	*	10.1	13.4	2.7	*	-	-	-	-	-	-	-	-	-	-	26.2	2636
16 - 20	-	5.8	17.6	4.3	0.2	-	-	-	-	-	-	-	-	-	-	27.8	2794
21 - 24	-	0.7	6.0	4.4	0.2	-	-	-	-	-	-	-	-	-	-	11.2	1129
25 - 33	-	0.1	0.6	1.4	0.3	*	-	-	-	-	-	-	-	-	-	2.3	231
34 - 47	-	-	*	0.3	0.3	-	-	-	-	-	-	-	-	-	-	0.6	62
> 48	-	-	-	-	*	-	-	-	-	-	-	-	-	-	-	0.0	4
TOTAL %	0.1	33.1	50.2	15.0	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	13	3325	5049	1510	151	2	0	0	0	0	0	0	0	0	0		10050

(* < 0.05%)

STATION: 46012

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

Month: JUL

WIND SPEED	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4		
0	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	>13.4	TOT %	TOT N
1 - 3	-	1.4	0.2	-	-	-	-	-	-	-	-	-	-	-	-	1.6	170
4 - 6	-	7.9	2.9	0.1	-	-	-	-	-	-	-	-	-	-	-	10.8	1140
7 - 10	-	15.4	8.8	0.3	*	-	-	-	-	-	-	-	-	-	-	24.6	2587
11 - 15	-	15.4	15.8	1.0	*	-	-	-	-	-	-	-	-	-	-	32.3	3399
16 - 20	-	5.9	16.1	2.5	0.1	-	-	-	-	-	-	-	-	-	-	24.6	2593
21 - 24	-	0.5	3.9	1.3	*	-	-	-	-	-	-	-	-	-	-	5.7	600
25 - 33	-	-	0.1	0.2	*	-	-	-	-	-	-	-	-	-	-	0.3	34
34 - 47	-	-	-	*	*	-	-	-	-	-	-	-	-	-	-	0.1	6
> 48	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.0	46.5	47.7	5.4	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	0	4902	5029	573	28	0	0	0	0	0	0	0	0	0	0		10532

(* < 0.05%)

STATION: 46012

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

Month: AUG

WIND SPEED	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4		
0	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	>13.4	TOT %	TOT N
1 - 3	-	2.6	0.5	*	-	-	-	-	-	-	-	-	-	-	-	3.1	395
4 - 6	-	10.3	2.8	0.1	-	-	-	-	-	-	-	-	-	-	-	13.2	1685
7 - 10	-	17.5	7.2	0.1	-	-	-	-	-	-	-	-	-	-	-	24.8	3177
11 - 15	-	16.1	13.7	0.4	-	-	-	-	-	-	-	-	-	-	-	30.3	3876
16 - 20	-	7.8	15.6	1.1	-	-	-	-	-	-	-	-	-	-	-	24.5	3140
21 - 24	*	0.5	3.0	0.6	*	-	-	-	-	-	-	-	-	-	-	4.0	515
25 - 33	-	-	*	0.1	*	-	-	-	-	-	-	-	-	-	-	0.1	12
34 - 47	-	-	-	*	-	-	-	-	-	-	-	-	-	-	-	0.0	3
> 48	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.0	54.8	42.8	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	1	7025	5481	303	3	0	0	0	0	0	0	0	0	0	0		12813

(* < 0.05%)

STATION: 46012

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

Month: SEP

WIND SPEED	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4		
0	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	>13.4	TOT %	TOT N
1 - 3	-	1.5	1.1	0.1	-	-	-	-	-	-	-	-	-	-	-	2.7	362
4 - 6	*	9.9	6.4	0.4	*	-	-	-	-	-	-	-	-	-	-	16.8	2250
7 - 10	*	15.3	10.9	0.9	*	-	-	-	-	-	-	-	-	-	-	27.1	3644
11 - 15	-	13.5	14.0	1.1	*	-	-	-	-	-	-	-	-	-	-	28.7	3848
16 - 20	-	6.5	9.0	2.0	0.1	-	-	-	-	-	-	-	-	-	-	17.5	2353
21 - 24	-	0.6	1.9	1.8	0.2	-	-	-	-	-	-	-	-	-	-	4.5	604
25 - 33	-	*	0.1	0.5	*	-	-	-	-	-	-	-	-	-	-	0.6	80
> 48	-	-	*	0.1	0.1	-	-	-	-	-	-	-	-	-	-	0.2	26

34 - 47	-	-	-	-	*	-	-	-	-	-	-	-	-	-	-	0.0	1
> 48	-	1.2	0.8	-	-	-	-	-	-	-	-	-	-	-	-	1.9	258
TOTAL %	0.0	48.6	44.2	6.7	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	4	6524	5931	900	67	0	0	0	0	0	0	0	0	0	0		13426

(* < 0.05%)

STATION: 46012

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

Month: OCT

WIND SPEED	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4		
0	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	>13.4		
1 - 3	-	1.6	1.1	0.1	-	-	-	-	-	-	-	-	-	-	-		2.9 402
4 - 6	-	6.8	6.0	0.9	0.1	*	*	-	-	-	-	-	-	-	-		13.7 1915
7 - 10	-	10.8	10.3	1.5	0.2	*	-	-	-	-	-	-	-	-	-		22.9 3187
11 - 15	-	11.0	13.7	2.9	0.3	*	*	*	-	-	-	-	-	-	-		28.0 3901
16 - 20	-	4.7	12.1	3.3	0.5	*	-	-	-	-	-	-	-	-	-		20.6 2876
21 - 24	-	0.6	3.9	2.7	0.9	0.1	*	-	-	-	-	-	-	-	-		8.2 1141
25 - 33	-	*	0.5	1.5	0.5	0.1	-	-	-	-	-	-	-	-	-		2.5 354
34 - 47	-	*	*	0.4	0.5	0.1	-	-	-	-	-	-	-	-	-		1.1 147
> 48	-	-	-	-	-	*	-	-	-	-	-	-	-	-	-		0.0 3
TOTAL %	0.0	35.5	47.8	13.3	3.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	0	4950	6660	1851	417	46	6	1	0	0	0	0	0	0	0		13931

(* < 0.05%)

STATION: 46012

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

Month: NOV

WIND SPEED	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4		
0	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	>13.4		
1 - 3	*	0.6	0.8	0.2	*	-	*	-	-	-	-	-	-	-	-		1.7 233
4 - 6	0.1	3.5	4.6	1.8	0.5	0.1	0.1	-	-	-	-	-	-	-	-		10.6 1442
7 - 10	*	4.5	8.2	3.8	0.9	0.2	0.1	*	-	-	-	-	-	-	-		17.8 2419
11 - 15	-	5.2	11.6	5.7	1.4	0.3	0.1	0.1	*	-	-	-	-	-	-		24.4 3316
16 - 20	*	3.7	11.8	7.5	1.8	0.6	0.1	*	-	-	-	-	-	-	-		25.5 3472
21 - 24	-	0.6	4.2	5.9	1.8	0.4	0.1	*	-	-	-	-	-	-	-		12.9 1751
25 - 33	-	*	0.9	2.7	1.0	0.2	*	-	-	-	-	-	-	-	-		4.9 661
34 - 47	-	-	0.1	0.8	0.9	0.2	0.1	*	-	-	-	-	-	-	-		2.1 292
> 48	-	-	*	*	0.1	*	*	-	-	-	-	-	-	-	-		0.1 15
TOTAL %	0.1	18.3	42.2	28.4	8.2	2.1	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	20	2484	5748	3867	1113	287	68	19	1	0	0	0	0	0	0		13607

(* < 0.05%)

STATION: 46012

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		
1 - 3	-	0.6	0.8	0.4	0.1	*	-	-	-	-	-	-	-	-	-		1.9 280
4 - 6	-	2.8	5.0	2.3	0.5	0.1	*	*	-	-	-	-	-	-	-		10.8 1622
7 - 10	-	4.0	7.4	3.7	1.0	0.3	0.1	*	*	-	-	-	-	-	-		16.5 2474
11 - 15	-	5.1	10.4	6.7	2.0	0.5	0.2	0.1	-	-	-	-	-	-	-		25.0 3751
16 - 20	-	4.0	9.4	7.5	2.5	0.5	0.1	0.1	-	-	-	-	-	-	-		24.1 3609
21 - 24	-	0.6	4.2	4.4	3.0	0.6	0.1	*	-	-	-	-	-	-	-		12.9 1935
25 - 33	-	0.1	1.0	2.3	1.5	0.5	0.1	*	-	-	-	-	-	-	-		5.4 809
34 - 47	-	-	0.2	0.9	1.0	0.7	0.2	0.1	*	*	-	-	-	-	-		3.1 463
> 48	-	*	*	*	*	0.1	*	*	-	-	-	-	-	-	-		0.2 28
TOTAL %	0.0	17.2	38.4	28.1	11.7	3.4	0.9	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	0	2580	5752	4215	1750	503	129	50	2	3	0	0	0	0	0		14984

(* < 0.05%)

STATION: 46012

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		

0	*	1.0	0.7	0.2	*	*	*	-	-	-	-	-	-	-	-	1.8	2608
1 - 3	*	5.1	4.3	1.0	0.2	*	*	*	-	-	-	-	-	-	-	10.7	15185
4 - 6	*	8.5	8.3	2.0	0.4	0.1	*	*	*	-	-	-	-	-	-	19.3	27458
7 - 10	*	8.7	12.6	3.7	0.8	0.2	*	*	*	-	-	-	-	-	-	26.0	36983
11 - 15	*	4.6	12.7	5.2	1.1	0.2	0.1	*	-	-	-	-	-	-	-	23.8	33855
16 - 20	*	0.5	4.3	4.2	1.4	0.2	*	*	-	-	-	-	-	-	-	10.7	15181
21 - 24	-	*	0.6	1.8	1.0	0.2	*	*	*	-	-	-	-	-	-	3.6	5125
25 - 33	-	*	0.1	0.6	0.7	0.3	0.1	*	*	*	-	-	-	-	-	1.8	2510
34 - 47	-	-	-	*	*	*	*	*	-	-	-	-	-	-	-	0.1	120
> 48	-	0.4	0.9	0.5	0.2	0.1	*	-	-	-	-	-	-	-	-	2.1	2974
TOTAL %	0.0	28.8	44.3	19.2	6.0	1.3	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	58	40826	62955	27297	8471	1862	412	106	9	3	0	0	0	0	0		141999

(* < 0.05%)

STATION: 46012

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

Months: DEC, JAN, FEB (Winter)

WIND SPEED	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4		
0	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	-	1.7	662
1 - 3	-	0.4	0.8	0.4	0.1	*	-	-	-	-	-	-	-	-	-	10.0	3834
4 - 6	*	2.3	4.9	2.1	0.6	0.1	*	*	-	-	-	-	-	-	-	16.0	6126
7 - 10	*	3.3	7.8	3.6	1.0	0.3	0.1	*	*	-	-	-	-	-	-	23.6	9065
11 - 15	-	4.0	10.8	6.4	1.9	0.4	0.1	*	-	-	-	-	-	-	-	24.3	9330
16 - 20	-	3.1	10.6	7.5	2.4	0.5	0.1	*	-	-	-	-	-	-	-	12.1	4643
21 - 24	-	0.4	4.1	4.5	2.5	0.5	0.1	*	-	-	-	-	-	-	-	4.9	1883
25 - 33	-	*	0.8	2.1	1.5	0.4	0.1	*	*	-	-	-	-	-	-	2.9	1108
34 - 47	-	*	0.2	0.8	1.2	0.5	0.1	0.1	*	*	-	-	-	-	-	0.1	53
> 48	-	-	-	*	*	0.1	*	*	-	-	-	-	-	-	-	4.3	1634
TOTAL %	0.0	14.4	42.0	28.3	11.5	2.9	0.7	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	1	5519	16087	10856	4422	1116	262	66	6	3	0	0	0	0	0		38338

(* < 0.05%)

STATION: 46012

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	-	0.9	266
1 - 3	-	0.4	0.4	0.1	*	-	-	-	-	-	-	-	-	-	-	7.1	2094
4 - 6	*	2.9	3.3	0.8	0.1	*	*	-	-	-	-	-	-	-	-	15.3	4476
7 - 10	*	5.9	7.3	1.7	0.3	*	*	-	-	-	-	-	-	-	-	23.7	6942
11 - 15	*	7.1	12.3	3.7	0.5	0.1	*	-	-	-	-	-	-	-	-	24.9	7297
16 - 20	-	3.7	13.4	6.5	1.0	0.1	*	-	-	-	-	-	-	-	-	16.4	4798
21 - 24	-	0.5	5.9	7.5	2.1	0.2	0.1	*	-	-	-	-	-	-	-	6.4	1870
25 - 33	-	*	0.8	3.2	2.0	0.3	*	*	*	-	-	-	-	-	-	3.0	866
34 - 47	-	*	0.1	1.0	1.3	0.5	0.1	*	-	-	-	-	-	-	-	0.2	44
> 48	-	-	-	-	*	0.1	*	*	-	-	-	-	-	-	-	2.2	649
TOTAL %	0.1	20.8	44.3	25.4	7.7	1.4	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	19	6097	12970	7437	2270	411	76	20	2	0	0	0	0	0	0		29302

(* < 0.05%)

STATION: 46012

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

Months: JUN, JUL, AUG (Summer)

WIND SPEED	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4		
0	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	-	2.0	683
1 - 3	*	1.7	0.4	*	-	-	-	-	-	-	-	-	-	-	-	10.9	3650
4 - 6	*	8.1	2.7	0.1	-	-	-	-	-	-	-	-	-	-	-	22.8	7606
7 - 10	*	14.5	7.8	0.4	*	-	-	-	-	-	-	-	-	-	-	29.7	9911
11 - 15	*	14.1	14.3	1.3	*	-	-	-	-	-	-	-	-	-	-	25.5	8527
16 - 20	-	6.6	16.4	2.5	0.1	-	-	-	-	-	-	-	-	-	-	6.7	2244
21 - 24	*	0.5	4.2	2.0	0.1	-	-	-	-	-	-	-	-	-	-	0.8	277
25 - 33	-	*	0.2	0.5	0.1	*	-	-	-	-	-	-	-	-	-	0.2	71
34 - 47	-	-	*	0.1	0.1	-	-	-	-	-	-	-	-	-	-	0.0	4
> 48	-	-	-	-	*	-	-	-	-	-	-	-	-	-	-	1.3	422
TOTAL %	0.0	45.7	46.6	7.1	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	14	15252	15559	2386	182	2	0	0	0	0	0	0	0	0	0		33395

(* < 0.05%)

STATION: 46012

TOTAL N 12 2152 4171 2208 692 80 4 0 0 0 0 0 0 0 0 0 9319
 (* < 0.05%)

STATION: 46012

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	0
3.5 - 4.4	-	0.1	*	-	-	-	-	-	-	-	-	-	-	-	-	0.1	9
4.5 - 5.4	-	1.1	0.3	-	-	-	-	-	-	-	-	-	-	-	-	1.4	139
5.5 - 6.4	-	2.5	2.9	0.1	-	-	-	-	-	-	-	-	-	-	-	5.6	539
6.5 - 7.4	-	1.5	5.2	0.9	*	-	-	-	-	-	-	-	-	-	-	7.7	742
7.5 - 8.4	-	3.5	9.3	5.3	0.7	0.1	-	-	-	-	-	-	-	-	-	18.9	1820
8.5 - 9.4	*	2.9	7.4	5.1	1.0	0.1	-	-	-	-	-	-	-	-	-	16.5	1594
9.5 - 10.4	*	2.9	6.3	3.4	1.1	0.2	*	-	-	-	-	-	-	-	-	14.0	1346
10.5 - 11.4	-	2.7	6.1	1.9	0.6	0.1	*	-	-	-	-	-	-	-	-	11.4	1101
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	4.0	3.5	1.4	0.4	*	-	-	-	-	-	-	-	-	-	9.3	898
13.5 - 14.4	-	6.2	2.4	0.6	0.3	*	-	-	-	-	-	-	-	-	-	9.6	924
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	2.8	1.9	0.2	*	-	-	-	-	-	-	-	-	-	-	4.8	467
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	0.2	0.4	-	-	-	-	-	-	-	-	-	-	-	-	0.6	60
TOTAL %	0.1	30.4	45.9	18.9	4.1	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	5	2935	4421	1821	399	56	2	0	0	0	0	0	0	0	0		9639

STATION: 46012

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

Month: JUN

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0- 0.4	0.5- 1.4	1.5- 2.4	2.5- 3.4	3.5- 4.4	4.5- 5.4	5.5- 6.4	6.5- 7.4	7.5- 8.4	8.5- 9.4	9.5- 10.4	10.5- 11.4	11.5- 12.4	12.5- 13.4	>13.4		
< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	*	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	3
3.5 - 4.4	*	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	0.2	16
4.5 - 5.4	-	1.2	0.5	-	-	-	-	-	-	-	-	-	-	-	-	1.7	170
5.5 - 6.4	-	2.6	3.0	*	-	-	-	-	-	-	-	-	-	-	-	5.7	572
6.5 - 7.4	-	2.3	7.1	0.8	*	-	-	-	-	-	-	-	-	-	-	10.2	1023
7.5 - 8.4	*	5.3	14.5	4.8	0.2	-	-	-	-	-	-	-	-	-	-	24.9	2500
8.5 - 9.4	-	5.2	8.8	4.0	0.5	-	-	-	-	-	-	-	-	-	-	18.5	1862
9.5 - 10.4	-	3.2	7.1	2.5	0.5	*	-	-	-	-	-	-	-	-	-	13.3	1332
10.5 - 11.4	*	2.9	3.7	1.4	0.1	*	-	-	-	-	-	-	-	-	-	8.1	818
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	*	2.4	2.7	0.9	0.1	-	-	-	-	-	-	-	-	-	-	6.2	624
13.5 - 14.4	*	4.0	1.6	0.4	-	-	-	-	-	-	-	-	-	-	-	6.0	607
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	3.4	1.3	0.1	-	-	-	-	-	-	-	-	-	-	-	4.8	483
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	0.3	-	-	-	-	-	-	-	-	-	-	-	-	-	0.3	31
TOTAL %	0.1	33.1	50.3	15.0	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	13	3322	5046	1508	150	2	0	0	0	0	0	0	0	0	0		10041

STATION: 46012

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

Month: JUL

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0- 0.4	0.5- 1.4	1.5- 2.4	2.5- 3.4	3.5- 4.4	4.5- 5.4	5.5- 6.4	6.5- 7.4	7.5- 8.4	8.5- 9.4	9.5- 10.4	10.5- 11.4	11.5- 12.4	12.5- 13.4	>13.4		
< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	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	-	0.3	*	-	-	-	-	-	-	-	-	-	-	-	-	0.3	30

4.5 - 5.4	-	1.0	0.3	-	-	-	-	-	-	-	-	-	-	-	-	-	1.3	139
5.5 - 6.4	-	2.4	2.3	*	-	-	-	-	-	-	-	-	-	-	-	-	4.7	499
6.5 - 7.4	-	3.3	7.3	0.2	-	-	-	-	-	-	-	-	-	-	-	-	10.8	1139
7.5 - 8.4	-	10.2	16.1	2.2	*	-	-	-	-	-	-	-	-	-	-	-	28.5	2999
8.5 - 9.4	-	7.0	10.3	1.9	0.1	-	-	-	-	-	-	-	-	-	-	-	19.3	2032
9.5 - 10.4	-	4.5	5.7	1.0	0.2	-	-	-	-	-	-	-	-	-	-	-	11.3	1195
10.5 - 11.4	-	2.4	2.5	0.2	*	-	-	-	-	-	-	-	-	-	-	-	5.2	544
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	2.3	0.8	*	-	-	-	-	-	-	-	-	-	-	-	-	3.2	333
13.5 - 14.4	-	7.2	0.4	-	-	-	-	-	-	-	-	-	-	-	-	-	7.6	805
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	5.3	1.7	-	-	-	-	-	-	-	-	-	-	-	-	-	7.0	742
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	0.4	0.3	-	-	-	-	-	-	-	-	-	-	-	-	-	0.6	67
20.5 - 21.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
21.5 - 22.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
22.5 - 23.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
23.5 - 24.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
24.5 - 25.4	-	*	*	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	4
TOTAL %	0.0	46.5	47.8	5.4	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	0	4899	5029	573	28	0	0	0	0	0	0	0	0	0	0	0		10529

(* < 0.05%)

STATION: 46012

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

Month: AUG

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N	
	0.0- 0.4	0.5- 1.4	1.5- 2.4	2.5- 3.4	3.5- 4.4	4.5- 5.4	5.5- 6.4	6.5- 7.4	7.5- 8.4	8.5- 9.4	9.5- 10.4	10.5- 11.4	11.5- 12.4	12.5- 13.4	>13.4			
< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.1	14
3.5 - 4.4	-	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.5	58
4.5 - 5.4	-	2.0	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	2.1	271
5.5 - 6.4	-	4.4	2.1	-	-	-	-	-	-	-	-	-	-	-	-	-	6.5	829
6.5 - 7.4	-	4.9	8.2	0.1	-	-	-	-	-	-	-	-	-	-	-	-	13.2	1697
7.5 - 8.4	*	12.0	15.8	1.0	*	-	-	-	-	-	-	-	-	-	-	-	28.9	3704
8.5 - 9.4	-	7.7	7.6	0.9	*	-	-	-	-	-	-	-	-	-	-	-	16.2	2070
9.5 - 10.4	-	5.2	3.8	0.3	*	-	-	-	-	-	-	-	-	-	-	-	9.3	1189
10.5 - 11.4	-	2.5	2.0	0.1	-	-	-	-	-	-	-	-	-	-	-	-	4.5	579
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	2.6	1.1	*	-	-	-	-	-	-	-	-	-	-	-	-	3.7	476
13.5 - 14.4	-	6.1	0.9	-	-	-	-	-	-	-	-	-	-	-	-	-	7.0	896
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	5.9	1.0	-	-	-	-	-	-	-	-	-	-	-	-	-	6.9	888
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	1.0	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	1.1	140
20.5 - 21.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
21.5 - 22.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
22.5 - 23.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
23.5 - 24.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
24.5 - 25.4	-	-	*	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	1
TOTAL %	0.0	54.8	42.8	2.4	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	1	7024	5481	303	3	0	0	0	0	0	0	0	0	0	0	0		12812

(* < 0.05%)

STATION: 46012

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

Month: SEP

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N	
	0.0- 0.4	0.5- 1.4	1.5- 2.4	2.5- 3.4	3.5- 4.4	4.5- 5.4	5.5- 6.4	6.5- 7.4	7.5- 8.4	8.5- 9.4	9.5- 10.4	10.5- 11.4	11.5- 12.4	12.5- 13.4	>13.4			
< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	2
3.5 - 4.4	-	0.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.4	51
4.5 - 5.4	-	1.1	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	1.3	168
5.5 - 6.4	-	2.4	1.1	*	-	-	-	-	-	-	-	-	-	-	-	-	3.6	480
6.5 - 7.4	*	2.9	3.4	0.2	*	-	-	-	-	-	-	-	-	-	-	-	6.5	866
7.5 - 8.4	-	5.6	8.1	1.0	0.1	-	-	-	-	-	-	-	-	-	-	-	14.9	1995
8.5 - 9.4	*	5.4	7.1	1.0	0.1	-	-	-	-	-	-	-	-	-	-	-	13.7	1832
9.5 - 10.4	*	6.7	7.3	1.2	0.1	-	-	-	-	-	-	-	-	-	-	-	15.3	2057

22.5 - 23.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
23.5 - 24.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
24.5 - 25.4	-	*	*	*	*	*	-	-	-	-	-	-	-	-	-	-	0.1	98

TOTAL %	0.0	28.7	44.3	19.2	6.0	1.3	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	58	40802	62937	27288	8470	1862	412	106	9	3	0	0	0	0	0	0		141947

(* < 0.05%)

STATION: 46012

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

Months: DEC, JAN, FEB (Winter)

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N	
	0.0- 0.4	0.5- 1.4	1.5- 2.4	2.5- 3.4	3.5- 4.4	4.5- 5.4	5.5- 6.4	6.5- 7.4	7.5- 8.4	8.5- 9.4	9.5- 10.4	10.5- 11.4	11.5- 12.4	12.5- 13.4	>13.4			
< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.1	22
3.5 - 4.4	-	0.2	*	-	-	-	-	-	-	-	-	-	-	-	-	-	0.2	68
4.5 - 5.4	-	0.1	0.3	*	-	-	-	-	-	-	-	-	-	-	-	-	0.4	137
5.5 - 6.4	*	0.1	0.6	0.2	*	-	-	-	-	-	-	-	-	-	-	-	1.0	366
6.5 - 7.4	-	0.3	0.7	0.7	0.2	*	-	-	-	-	-	-	-	-	-	-	1.9	731
7.5 - 8.4	-	0.9	1.6	1.5	0.6	0.1	*	-	-	-	-	-	-	-	-	-	4.7	1795
8.5 - 9.4	-	0.8	1.9	1.0	0.5	0.1	*	*	*	-	-	-	-	-	-	-	4.3	1642
9.5 - 10.4	-	1.6	3.2	1.4	0.5	0.2	*	*	-	-	-	-	-	-	-	-	6.9	2626
10.5 - 11.4	-	2.2	6.3	3.0	0.9	0.2	0.1	*	-	-	-	-	-	-	-	-	12.7	4867
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	3.6	11.7	7.7	2.6	0.4	0.1	*	-	*	-	-	-	-	-	-	26.0	9970
13.5 - 14.4	-	2.9	10.1	8.7	4.1	0.9	0.2	0.1	*	*	-	-	-	-	-	-	27.0	10353
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	1.2	4.3	3.3	2.0	0.9	0.2	0.1	*	-	-	-	-	-	-	-	12.0	4608
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	0.3	1.3	0.9	0.2	0.1	0.1	-	*	-	-	-	-	-	-	-	2.8	1085
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	*	*	*	-	-	-	-	-	-	-	-	-	-	0.2	61
TOTAL %	0.0	14.4	42.0	28.3	11.5	2.9	0.7	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	1	5518	16082	10855	4422	1116	262	66	6	3	0	0	0	0	0	0		38331

(* < 0.05%)

STATION: 46012

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	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	3
3.5 - 4.4	-	0.1	*	-	-	-	-	-	-	-	-	-	-	-	-	-	0.1	38
4.5 - 5.4	*	0.6	0.3	*	-	-	-	-	-	-	-	-	-	-	-	-	0.9	254
5.5 - 6.4	*	1.1	1.7	0.3	*	-	-	-	-	-	-	-	-	-	-	-	3.1	904
6.5 - 7.4	*	0.7	3.1	1.1	0.1	-	-	-	-	-	-	-	-	-	-	-	5.0	1457
7.5 - 8.4	*	1.8	5.2	3.9	0.8	*	-	-	-	-	-	-	-	-	-	-	11.7	3432
8.5 - 9.4	*	1.8	4.4	2.9	0.8	0.1	*	-	-	-	-	-	-	-	-	-	10.0	2930
9.5 - 10.4	*	2.6	5.7	2.8	1.0	0.3	*	*	-	-	-	-	-	-	-	-	12.4	3641
10.5 - 11.4	-	2.6	7.4	3.3	1.1	0.3	0.1	*	-	-	-	-	-	-	-	-	14.9	4350
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	3.3	7.8	4.8	1.3	0.2	*	*	-	-	-	-	-	-	-	-	17.4	5102
13.5 - 14.4	-	4.0	5.2	4.5	1.8	0.2	*	-	-	-	-	-	-	-	-	-	15.7	4596
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	2.0	2.9	1.5	0.8	0.2	0.1	*	-	-	-	-	-	-	-	-	7.6	2215
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	0.1	0.6	0.3	0.1	*	*	*	*	-	-	-	-	-	-	-	1.2	348
20.5 - 21.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
21.5 - 22.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
22.5 - 23.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
23.5 - 24.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
24.5 - 25.4	-	-	*	*	*	-	-	-	-	-	-	-	-	-	-	-	0.0	9
TOTAL %	0.1	20.8	44.3	25.4	7.8	1.4	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	19	6088	12961	7432	2270	411	76	20	2	0	0	0	0	0	0	0		29279

(* < 0.05%)

STATION: 46012

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	18
3.5 - 4.4	*	0.3	*	-	-	-	-	-	-	-	-	-	-	-	-	0.3	104
4.5 - 5.4	-	1.5	0.3	-	-	-	-	-	-	-	-	-	-	-	-	1.7	580
5.5 - 6.4	-	3.2	2.4	*	-	-	-	-	-	-	-	-	-	-	-	5.7	1900
6.5 - 7.4	-	3.6	7.6	0.4	*	-	-	-	-	-	-	-	-	-	-	11.6	3859
7.5 - 8.4	*	9.4	15.5	2.5	0.1	-	-	-	-	-	-	-	-	-	-	27.6	9203
8.5 - 9.4	-	6.7	8.8	2.1	0.2	-	-	-	-	-	-	-	-	-	-	17.9	5964
9.5 - 10.4	-	4.4	5.4	1.2	0.2	*	-	-	-	-	-	-	-	-	-	11.1	3716
10.5 - 11.4	*	2.6	2.7	0.5	*	*	-	-	-	-	-	-	-	-	-	5.8	1941
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	*	2.5	1.5	0.3	*	-	-	-	-	-	-	-	-	-	-	4.3	1433
13.5 - 14.4	*	5.8	0.9	0.1	-	-	-	-	-	-	-	-	-	-	-	6.9	2308
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	5.0	1.3	*	-	-	-	-	-	-	-	-	-	-	-	6.3	2113
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	0.6	0.1	-	-	-	-	-	-	-	-	-	-	-	-	0.7	238
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	45.7	46.6	7.1	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	14	15245	15556	2384	181	2	0	0	0	0	0	0	0	0	0		33382

(* < 0.05%)

STATION: 46012

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		
< 0.5	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	3
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	1
2.5 - 3.4	*	*	-	-	-	-	-	-	-	-	-	-	-	-	-	0.1	22
3.5 - 4.4	*	0.3	*	-	-	-	-	-	-	-	-	-	-	-	-	0.3	119
4.5 - 5.4	-	0.5	0.2	*	-	-	-	-	-	-	-	-	-	-	-	0.7	297
5.5 - 6.4	-	1.2	1.0	0.2	-	-	-	-	-	-	-	-	-	-	-	2.4	970
6.5 - 7.4	*	1.6	2.1	0.6	0.1	-	-	-	-	-	-	-	-	-	-	4.3	1765
7.5 - 8.4	*	3.5	5.0	1.3	0.3	*	-	-	-	-	-	-	-	-	-	10.2	4165
8.5 - 9.4	*	3.6	4.5	1.0	0.2	0.1	*	-	-	-	-	-	-	-	-	9.5	3883
9.5 - 10.4	*	4.6	5.6	1.6	0.4	*	*	-	-	-	-	-	-	-	-	12.2	4999
10.5 - 11.4	-	5.0	7.8	2.4	0.5	*	*	-	-	-	-	-	-	-	-	15.8	6455
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	4.8	9.2	4.2	0.7	0.1	*	*	-	-	-	-	-	-	-	19.1	7802
13.5 - 14.4	-	5.5	5.7	3.7	1.2	0.3	*	*	-	-	-	-	-	-	-	16.5	6746
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	3.1	2.7	1.0	0.5	0.3	0.1	*	*	-	-	-	-	-	-	7.7	3142
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	0.4	0.8	0.2	*	*	*	*	-	-	-	-	-	-	-	1.4	563
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	23
TOTAL %	0.1	34.1	44.8	16.2	3.9	0.8	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	24	13951	18338	6617	1597	333	74	20	1	0	0	0	0	0	0		40955

(* < 0.05%)

STATION: 46012

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

Month: JAN

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

WAVE PERIOD	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	>13.4	TOT %	TOT N
< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	*	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	1
3.5 - 4.4	-	0.7	*	-	-	-	-	-	-	-	-	-	-	-	-	0.8	101
4.5 - 5.4	*	2.0	2.1	0.2	-	-	-	-	-	-	-	-	-	-	-	4.3	558
5.5 - 6.4	-	2.8	6.5	2.5	0.2	*	-	-	-	-	-	-	-	-	-	12.0	1558
6.5 - 7.4	-	3.5	10.5	5.3	1.4	0.2	*	-	-	-	-	-	-	-	-	21.0	2722
7.5 - 8.4	-	1.8	10.4	5.2	2.1	0.3	0.1	*	*	-	-	-	-	-	-	20.1	2605
8.5 - 9.4	-	1.6	8.2	5.3	2.1	0.5	0.1	*	*	-	-	-	-	-	-	17.9	2317
9.5 - 10.4	-	0.6	5.1	4.8	1.8	0.5	0.1	*	-	-	-	-	-	-	-	13.0	1683
10.5 - 11.4	-	0.2	2.7	2.9	1.2	0.3	0.1	*	-	-	-	-	-	-	-	7.4	957
11.5 - 12.4	-	0.1	1.0	1.1	0.4	0.2	0.1	-	-	-	-	-	-	-	-	2.8	366
12.5 - 13.4	-	-	0.2	0.2	0.2	*	*	-	-	-	-	-	-	-	-	0.7	86
13.5 - 14.4	-	-	*	*	0.1	-	-	-	-	-	-	-	-	-	-	0.1	17
14.5 - 15.4	-	-	-	*	*	-	-	-	-	-	-	-	-	-	-	0.0	4
15.5 - 16.4	-	-	-	*	*	-	-	-	-	-	-	-	-	-	-	0.0	2
TOTAL %	0.0	13.3	46.7	27.6	9.6	2.0	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	1	1730	6061	3580	1245	265	77	14	4	0	0	0	0	0	0		12977

(* < 0.05%)

STATION: 46012

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

Month: FEB

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	TOT %	TOT N
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	*	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	4
3.5 - 4.4	-	0.7	0.1	-	-	-	-	-	-	-	-	-	-	-	-	0.8	87
4.5 - 5.4	-	1.5	1.8	0.1	-	-	-	-	-	-	-	-	-	-	-	3.4	351
5.5 - 6.4	-	2.1	6.0	3.2	0.4	*	-	-	-	-	-	-	-	-	-	11.7	1206
6.5 - 7.4	-	2.5	9.8	7.3	4.2	0.5	*	-	-	-	-	-	-	-	-	24.3	2506
7.5 - 8.4	-	2.6	9.3	6.7	2.5	0.7	0.1	-	-	-	-	-	-	-	-	21.8	2252
8.5 - 9.4	-	1.0	6.7	5.9	2.8	0.8	0.1	-	-	-	-	-	-	-	-	17.2	1777
9.5 - 10.4	-	0.8	3.4	4.0	2.2	0.8	0.1	*	-	-	-	-	-	-	-	11.3	1169
10.5 - 11.4	-	0.3	3.0	1.7	1.4	0.5	0.1	-	-	-	-	-	-	-	-	7.0	725
11.5 - 12.4	-	*	1.0	0.4	0.3	0.2	0.1	-	-	-	-	-	-	-	-	2.0	208
12.5 - 13.4	-	-	0.1	0.1	*	*	0.1	-	-	-	-	-	-	-	-	0.3	35
13.5 - 14.4	-	-	*	-	-	-	*	*	-	-	-	-	-	-	-	0.0	5
TOTAL %	0.0	11.7	41.3	29.3	13.8	3.4	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	0	1209	4260	3023	1427	348	56	2	0	0	0	0	0	0	0		10325

(* < 0.05%)

STATION: 46012

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

Month: MAR

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4		
< 0.5	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	>13.4	TOT %	TOT N
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	*	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	3
3.5 - 4.4	*	0.2	0.1	-	-	-	-	-	-	-	-	-	-	-	-	0.3	29
4.5 - 5.4	*	1.0	1.6	0.3	-	-	-	-	-	-	-	-	-	-	-	3.0	309
5.5 - 6.4	-	1.9	7.1	4.5	0.3	-	-	-	-	-	-	-	-	-	-	13.9	1440
6.5 - 7.4	-	2.3	12.3	10.8	3.0	0.5	-	-	-	-	-	-	-	-	-	29.1	3002
7.5 - 8.4	-	2.3	10.2	8.2	3.6	1.3	0.3	0.1	-	-	-	-	-	-	-	25.9	2681
8.5 - 9.4	-	1.1	7.3	5.4	2.3	0.4	0.1	0.1	-	-	-	-	-	-	-	16.7	1721
9.5 - 10.4	-	0.5	2.9	2.7	1.4	0.3	0.1	0.1	-	-	-	-	-	-	-	7.9	818
10.5 - 11.4	-	0.3	0.7	0.9	0.5	0.2	0.1	-	*	-	-	-	-	-	-	2.6	273
11.5 - 12.4	-	*	0.1	0.2	0.1	*	0.1	-	-	-	-	-	-	-	-	0.5	48
12.5 - 13.4	-	-	-	*	*	-	*	-	-	-	-	-	-	-	-	0.1	8
13.5 - 14.4	-	-	-	-	*	-	-	-	-	-	-	-	-	-	-	0.0	1
TOTAL %	0.0	9.7	42.3	33.0	11.4	2.7	0.7	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	2	1001	4376	3408	1179	275	70	20	2	0	0	0	0	0	0		10333

(* < 0.05%)

STATION: 46012

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

Month: APR

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0- 0.4	0.5- 1.4	1.5- 2.4	2.5- 3.4	3.5- 4.4	4.5- 5.4	5.5- 6.4	6.5- 7.4	7.5- 8.4	8.5- 9.4	9.5- 10.4	10.5- 11.4	11.5- 12.4	12.5- 13.4	>13.4		
< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
3.5 - 4.4	0.1	1.1	0.2	-	-	-	-	-	-	-	-	-	-	-	-	1.4	135
4.5 - 5.4	*	3.2	4.8	0.8	-	-	-	-	-	-	-	-	-	-	-	8.9	828
5.5 - 6.4	-	4.7	13.1	6.8	0.5	-	-	-	-	-	-	-	-	-	-	25.1	2338
6.5 - 7.4	-	6.0	12.4	8.2	3.9	0.5	-	-	-	-	-	-	-	-	-	31.0	2890
7.5 - 8.4	-	4.8	8.4	3.8	1.5	0.2	*	-	-	-	-	-	-	-	-	18.7	1741
8.5 - 9.4	-	2.1	4.3	2.6	0.6	*	-	-	-	-	-	-	-	-	-	9.6	893
9.5 - 10.4	-	1.0	1.2	1.0	0.6	0.2	*	-	-	-	-	-	-	-	-	4.0	371
10.5 - 11.4	-	0.2	0.1	0.4	0.2	*	*	-	-	-	-	-	-	-	-	1.0	92
11.5 - 12.4	-	-	0.1	*	0.2	-	-	-	-	-	-	-	-	-	-	0.3	26
12.5 - 13.4	-	-	*	-	*	-	-	-	-	-	-	-	-	-	-	0.1	7
13.5 - 14.4	-	-	-	*	-	-	-	-	-	-	-	-	-	-	-	0.0	2
TOTAL %	0.1	23.1	44.7	23.7	7.4	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	12	2155	4172	2208	692	80	4	0	0	0	0	0	0	0	0		9323

(* < 0.05%)

STATION: 46012

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

Month: MAY

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0- 0.4	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	-	1.7	0.3	-	-	-	-	-	-	-	-	-	-	-	-	2.0	196
4.5 - 5.4	*	6.9	8.3	1.0	-	-	-	-	-	-	-	-	-	-	-	16.2	1567
5.5 - 6.4	*	8.9	15.3	7.2	0.8	*	-	-	-	-	-	-	-	-	-	32.3	3116
6.5 - 7.4	-	6.9	12.9	8.2	2.3	0.3	-	-	-	-	-	-	-	-	-	30.7	2962
7.5 - 8.4	-	4.2	6.4	1.4	0.7	0.2	*	-	-	-	-	-	-	-	-	13.0	1254
8.5 - 9.4	-	1.4	2.1	0.7	0.1	*	-	-	-	-	-	-	-	-	-	4.3	410
9.5 - 10.4	-	0.4	0.5	0.2	0.1	-	-	-	-	-	-	-	-	-	-	1.2	116
10.5 - 11.4	-	*	*	*	*	-	-	-	-	-	-	-	-	-	-	0.1	10
11.5 - 12.4	-	-	*	*	0.1	-	-	-	-	-	-	-	-	-	-	0.1	10
12.5 - 13.4	-	-	-	*	-	-	-	-	-	-	-	-	-	-	-	0.0	2
13.5 - 14.4	-	-	*	*	-	-	-	-	-	-	-	-	-	-	-	0.0	3
TOTAL %	0.1	30.5	45.8	18.9	4.1	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	5	2941	4422	1821	399	56	2	0	0	0	0	0	0	0	0		9646

(* < 0.05%)

STATION: 46012

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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
3.5 - 4.4	0.1	1.8	0.6	-	-	-	-	-	-	-	-	-	-	-	-	2.5	249
4.5 - 5.4	*	7.9	8.4	0.5	-	-	-	-	-	-	-	-	-	-	-	16.8	1685
5.5 - 6.4	*	9.8	23.0	6.3	0.3	-	-	-	-	-	-	-	-	-	-	39.4	3963
6.5 - 7.4	-	6.9	12.6	6.1	1.1	*	-	-	-	-	-	-	-	-	-	26.7	2684
7.5 - 8.4	-	3.8	3.7	1.4	0.1	-	-	-	-	-	-	-	-	-	-	9.0	909
8.5 - 9.4	-	2.3	1.5	0.3	-	-	-	-	-	-	-	-	-	-	-	4.1	408
9.5 - 10.4	-	0.5	0.4	0.2	-	-	-	-	-	-	-	-	-	-	-	1.1	110
10.5 - 11.4	-	0.1	0.1	0.2	-	-	-	-	-	-	-	-	-	-	-	0.4	41
11.5 - 12.4	-	-	-	*	-	-	-	-	-	-	-	-	-	-	-	0.0	1
TOTAL %	0.1	33.1	50.2	15.0	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	13	3325	5049	1510	151	2	0	0	0	0	0	0	0	0	0		10050

(* < 0.05%)

STATION: 46012

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

Month: JUL

WAVE PERIOD	WAVE HEIGHT														
	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

1.5 - 2.4	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	1
2.5 - 3.4	*	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	28
3.5 - 4.4	*	1.2	0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	1.4	2050
4.5 - 5.4	*	4.9	4.2	0.3	-	-	-	-	-	-	-	-	-	-	-	-	9.4	13286
5.5 - 6.4	*	7.7	12.0	3.4	0.3	*	-	-	-	-	-	-	-	-	-	-	23.4	33186
6.5 - 7.4	-	7.5	11.7	5.5	1.6	0.2	*	-	-	-	-	-	-	-	-	-	26.5	37559
7.5 - 8.4	-	4.5	7.8	3.8	1.4	0.3	0.1	*	*	-	-	-	-	-	-	-	18.0	25585
8.5 - 9.4	-	2.0	4.7	3.0	1.1	0.2	*	*	*	*	-	-	-	-	-	-	11.1	15689
9.5 - 10.4	-	0.7	2.3	1.9	0.9	0.3	0.1	*	-	*	-	-	-	-	-	-	6.1	8682
10.5 - 11.4	-	0.2	1.1	0.9	0.5	0.2	0.1	*	*	-	-	-	-	-	-	-	2.9	4116
11.5 - 12.4	-	*	0.3	0.3	0.1	0.1	*	*	*	-	-	-	-	-	-	-	0.9	1347
12.5 - 13.4	-	*	0.1	0.1	*	*	*	*	*	-	-	-	-	-	-	-	0.2	318
13.5 - 14.4	-	-	*	*	*	-	*	*	-	-	-	-	-	-	-	-	0.1	71
14.5 - 15.4	-	-	*	*	*	-	-	-	-	-	-	-	-	-	-	-	0.0	10
15.5 - 16.4	-	-	-	*	*	-	-	-	-	-	-	-	-	-	-	-	0.0	2
TOTAL %	0.0	28.8	44.3	19.2	6.0	1.3	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	58	40826	62940	27259	8460	1860	412	106	9	3	0	0	0	0	0	0		141933

(* < 0.05%)

STATION: 46012

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

Months: DEC, JAN, FEB (Winter)

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N	
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4			
< 0.5	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4			0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	5
3.5 - 4.4	-	0.8	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	0.8	323
4.5 - 5.4	*	1.9	1.8	0.2	-	-	-	-	-	-	-	-	-	-	-	-	3.9	1503
5.5 - 6.4	-	3.2	6.0	2.7	0.3	*	-	-	-	-	-	-	-	-	-	-	12.2	4660
6.5 - 7.4	-	3.6	9.5	5.7	2.3	0.4	*	-	-	-	-	-	-	-	-	-	21.5	8225
7.5 - 8.4	-	2.5	9.6	6.4	2.6	0.7	0.2	*	*	-	-	-	-	-	-	-	21.9	8393
8.5 - 9.4	-	1.4	7.0	5.7	2.4	0.6	0.1	0.1	*	*	-	-	-	-	-	-	17.3	6618
9.5 - 10.4	-	0.7	4.3	4.3	2.2	0.6	0.1	*	-	*	-	-	-	-	-	-	12.3	4697
10.5 - 11.4	-	0.3	2.6	2.2	1.3	0.5	0.1	*	-	-	-	-	-	-	-	-	6.9	2655
11.5 - 12.4	-	0.1	0.9	0.8	0.4	0.2	0.1	*	*	-	-	-	-	-	-	-	2.4	923
12.5 - 13.4	-	-	0.1	0.3	0.1	*	*	*	-	-	-	-	-	-	-	-	0.6	229
13.5 - 14.4	-	-	*	*	*	-	*	*	-	-	-	-	-	-	-	-	0.1	34
14.5 - 15.4	-	-	-	*	*	-	-	-	-	-	-	-	-	-	-	-	0.0	5
15.5 - 16.4	-	-	-	*	*	-	-	-	-	-	-	-	-	-	-	-	0.0	2
TOTAL %	0.0	14.4	42.0	28.3	11.5	2.9	0.7	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	1	5519	16072	10818	4411	1114	262	66	6	3	0	0	0	0	0	0		38272

(* < 0.05%)

STATION: 46012

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

Months: MAR, APR, MAY (Spring)

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N	
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4			
< 0.5	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4			0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	3
3.5 - 4.4	*	1.0	0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	1.2	360
4.5 - 5.4	*	3.7	4.8	0.7	-	-	-	-	-	-	-	-	-	-	-	-	9.2	2704
5.5 - 6.4	*	5.1	11.7	6.1	0.6	*	-	-	-	-	-	-	-	-	-	-	23.5	6894
6.5 - 7.4	-	5.0	12.6	9.1	3.1	0.4	-	-	-	-	-	-	-	-	-	-	30.2	8854
7.5 - 8.4	-	3.7	8.4	4.6	2.0	0.6	0.1	*	-	-	-	-	-	-	-	-	19.4	5676
8.5 - 9.4	-	1.5	4.6	2.9	1.0	0.1	*	*	-	-	-	-	-	-	-	-	10.3	3024
9.5 - 10.4	-	0.6	1.6	1.3	0.7	0.2	*	*	-	-	-	-	-	-	-	-	4.5	1305
10.5 - 11.4	-	0.2	0.3	0.4	0.3	0.1	*	-	*	-	-	-	-	-	-	-	1.3	375
11.5 - 12.4	-	*	0.1	0.1	0.1	*	*	-	-	-	-	-	-	-	-	-	0.3	84
12.5 - 13.4	-	-	*	*	*	-	*	-	-	-	-	-	-	-	-	-	0.1	17
13.5 - 14.4	-	-	*	*	*	-	-	-	-	-	-	-	-	-	-	-	0.0	6
TOTAL %	0.1	20.8	44.3	25.4	7.7	1.4	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	19	6097	12970	7437	2270	411	76	20	2	0	0	0	0	0	0	0		29302

(* < 0.05%)

STATION: 46012

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

Months: JUN, JUL, AUG (Summer)

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

< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	*	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	9
3.5 - 4.4	*	2.2	0.4	-	-	-	-	-	-	-	-	-	-	-	-	2.7	888
4.5 - 5.4	*	9.6	8.0	0.2	-	-	-	-	-	-	-	-	-	-	-	17.8	5943
5.5 - 6.4	*	13.8	22.5	3.1	0.1	-	-	-	-	-	-	-	-	-	-	39.6	13212
6.5 - 7.4	-	12.6	11.6	3.1	0.4	*	-	-	-	-	-	-	-	-	-	27.7	9234
7.5 - 8.4	-	5.2	3.0	0.5	0.1	-	-	-	-	-	-	-	-	-	-	8.8	2931
8.5 - 9.4	-	1.8	0.9	0.1	-	-	-	-	-	-	-	-	-	-	-	2.8	936
9.5 - 10.4	-	0.3	0.2	0.1	-	-	-	-	-	-	-	-	-	-	-	0.6	191
10.5 - 11.4	-	0.1	*	0.1	-	-	-	-	-	-	-	-	-	-	-	0.1	49
11.5 - 12.4	-	*	-	*	-	-	-	-	-	-	-	-	-	-	-	0.0	2
TOTAL %	0.0	45.7	46.6	7.1	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	14	15252	15559	2386	182	2	0	0	0	0	0	0	0	0	0		33395

(* < 0.05%)

STATION: 46012

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	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	3
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	1
2.5 - 3.4	*	*	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	11
3.5 - 4.4	*	1.1	0.1	-	-	-	-	-	-	-	-	-	-	-	-	1.2	479
4.5 - 5.4	*	4.7	2.7	0.2	-	-	-	-	-	-	-	-	-	-	-	7.7	3136
5.5 - 6.4	*	8.7	9.3	2.4	0.1	*	-	-	-	-	-	-	-	-	-	20.6	8420
6.5 - 7.4	-	8.7	13.2	4.5	1.0	0.1	*	-	-	-	-	-	-	-	-	27.5	11246
7.5 - 8.4	-	6.5	9.8	3.4	1.1	0.1	*	*	-	-	-	-	-	-	-	21.0	8585
8.5 - 9.4	-	3.1	5.8	2.9	0.6	0.1	*	*	-	-	-	-	-	-	-	12.5	5111
9.5 - 10.4	-	1.0	2.5	1.7	0.6	0.2	*	*	-	-	-	-	-	-	-	6.1	2489
10.5 - 11.4	-	0.2	1.0	0.6	0.4	0.2	*	*	-	-	-	-	-	-	-	2.5	1037
11.5 - 12.4	-	*	0.3	0.3	0.1	0.1	*	*	-	-	-	-	-	-	-	0.8	338
12.5 - 13.4	-	*	*	0.1	*	*	*	*	-	-	-	-	-	-	-	0.2	72
13.5 - 14.4	-	-	*	*	*	-	*	*	-	-	-	-	-	-	-	0.1	31
14.5 - 15.4	-	-	*	*	*	-	-	-	-	-	-	-	-	-	-	0.0	5
TOTAL %	0.1	34.1	44.8	16.2	3.9	0.8	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	24	13958	18339	6618	1597	333	74	20	1	0	0	0	0	0	0		40964

(* < 0.05%)

Summary complete: 09-Sep-2003 05:10:07