

DATE 1988011100 1987020806 1987030120 1996042605 1987052207 1984060906 1988072220 1988080514 1985092419 1997100923 1986110911 1988122308 1988080514
 MIN 2.6 2.5 2.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 2.5 0.0
 DATE 1988012822 1986020111 1987032718 2001042818 2001052016 2001062912 2001073013 2001082905 2001092918 1999100704 1993110112 1987122819 2001092918
 (* < 0.05% , # = 100.0%)

ELEMENT SUMMARY FOR STATION: 45001

(A) TOTAL STDMET RECORDS READ = 114755
 (B) TOTAL CWIND RECORDS READ = 159633
 (C) TOTAL RECORDS USED IN STATS = 274388

	AIR TMP	SEA TMP	AIR-SEA	DEWPT	SLP	AVWS	PKGS-8M	PKGS-5S	SIGWVHT	AVWVPD	DWVPD	VSBY
(D) ELEMENT RECORDS AVAILABLE	113714	106619	106282	0	111913	105368	101067	26217	111377	111344	107812	0
(E) ELEMENT OUT OF RANGE	1041	8136	8473	114755	2842	9387	13688	133416	3378	3411	6943	114755

STATION: 45001 -- POR (5/1979 - 11/2001)

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
1979	MEAN	-	-	-	-	3.3	5.7	7.6	11.6	11.2	5.5	0.8	-4.0	5.8
	MAXIMUM	-	-	-	-	7.7	12.0	12.7	15.4	16.5	11.1	8.3	4.9	16.5
	DAY-HR	-	-	-	-	17-21	26-06	21-22	30-01	01-22	03-20	01-13	05-17	SEP
	MINIMUM	-	-	-	-	-0.2	2.4	4.3	8.0	6.6	-0.6	-7.9	-15.0	-15.0
	DAY-HR	-	-	-	-	06-16	08-10	11-12	01-13	18-17	24-19	30-12	16-15	DEC
	# OBS	-	-	-	-	673	711	741	739	716	738	720	402	5440
1980	MEAN	-	-	-	4.0	4.6	5.4	8.8	14.2	11.2	4.4	1.1	-	7.2
	MAXIMUM	-	-	-	6.5	9.3	12.7	15.1	17.8	18.6	11.0	7.1	-	18.6
	DAY-HR	-	-	-	30-23	25-03	26-02	31-19	26-05	04-12	08-09	23-01	-	SEP
	MINIMUM	-	-	-	1.8	1.1	2.8	5.1	10.6	4.4	-1.8	-4.7	-	-4.7
	DAY-HR	-	-	-	27-15	08-13	08-12	04-15	07-13	26-14	28-10	10-06	-	NOV
	# OBS	-	-	-	122	743	716	740	740	713	742	588	-	5104
1981	MEAN	-	-	-	-	4.8	5.7	8.8	15.2	11.5	4.5	4.1	-	8.5
	MAXIMUM	-	-	-	-	9.6	11.5	14.6	18.6	18.8	9.2	9.2	-	18.8
	DAY-HR	-	-	-	-	22-11	06-04	15-22	24-04	01-04	17-07	05-07	-	SEP
	MINIMUM	-	-	-	-	2.8	2.9	4.3	10.9	2.9	-3.2	-2.1	-	-3.2
	DAY-HR	-	-	-	-	28-06	22-03	05-09	02-14	28-15	23-23	09-16	-	OCT
	# OBS	-	-	-	-	311	716	741	743	716	722	264	-	4213
1982	MEAN	-	-	-	-	3.9	4.8	6.6	8.6	9.7	6.8	1.4	-	6.4
	MAXIMUM	-	-	-	-	7.1	8.9	11.5	13.1	14.7	10.6	6.8	-	14.7
	DAY-HR	-	-	-	-	29-04	07-19	17-15	17-01	13-02	05-08	01-15	-	SEP
	MINIMUM	-	-	-	-	1.4	2.1	4.1	4.9	5.4	-0.1	-10.3	-	-10.3
	DAY-HR	-	-	-	-	20-10	02-15	15-08	01-09	25-14	20-22	13-14	-	NOV
	# OBS	-	-	-	-	574	704	725	742	719	742	402	-	4608
1983	MEAN	-	-	-	2.9	3.5	5.7	9.4	16.0	14.1	7.6	2.9	-	8.7
	MAXIMUM	-	-	-	6.9	7.0	10.9	15.7	20.0	20.9	15.2	8.6	-	20.9
	DAY-HR	-	-	-	27-04	13-11	12-08	31-17	27-23	03-15	01-03	08-07	-	SEP
	MINIMUM	-	-	-	-0.3	-2.7	3.3	4.2	11.1	5.6	1.9	-4.9	-	-4.9
	DAY-HR	-	-	-	24-17	15-16	08-11	05-10	09-11	23-09	14-05	11-15	-	NOV
	# OBS	-	-	-	222	734	530	685	737	714	743	400	-	4765
1984	MEAN	-	-	-	-	4.1	5.5	7.1	13.3	11.6	7.5	0.5	-	7.3
	MAXIMUM	-	-	-	-	9.2	10.0	14.4	18.1	14.7	12.3	7.0	-	18.1
	DAY-HR	-	-	-	-	18-23	09-00	23-03	29-09	01-00	27-21	08-05	-	AUG
	MINIMUM	-	-	-	-	1.9	3.3	3.6	6.5	6.0	-0.4	-7.0	-	-7.0
	DAY-HR	-	-	-	-	12-13	13-04	14-05	01-11	28-16	30-19	17-13	-	NOV
	# OBS	-	-	-	-	500	718	737	743	393	740	467	-	4298
1985	MEAN	-	-	-	-	-	-	10.2	11.8	11.1	6.5	-1.7	-8.4	3.9
	MAXIMUM	-	-	-	-	-	-	12.8	16.3	17.1	10.6	7.5	1.0	17.1
	DAY-HR	-	-	-	-	-	-	31-23	09-10	20-05	08-22	02-01	06-04	SEP
	MINIMUM	-	-	-	-	-	-	8.6	8.5	4.7	1.5	-13.6	-19.9	-19.9
	DAY-HR	-	-	-	-	-	-	31-11	19-13	30-22	16-17	29-17	18-00	DEC
	# OBS	-	-	-	-	-	-	26	740	694	726	686	743	3615
1986	MEAN	-7.2	-6.5	-	-	5.6	6.7	9.1	12.0	10.2	5.7	-1.4	-2.1	2.8
	MAXIMUM	5.0	0.4	-	-	14.6	14.8	19.3	16.0	16.9	12.1	8.8	3.3	19.3
	DAY-HR	12-02	04-03	-	-	30-05	29-01	24-06	24-02	01-03	03-03	08-16	23-04	JUL
	MINIMUM	-21.8	-16.5	-	-	2.5	3.3	4.8	8.4	6.0	-0.9	-12.9	-14.6	-21.8
	DAY-HR	27-08	27-16	-	-	16-11	11-15	09-11	27-07	13-14	30-11	13-07	12-14	JAN
	# OBS	740	667	-	-	655	710	741	351	714	742	714	743	6777
1987	MEAN	-4.6	-2.3	-0.9	3.4	5.3	8.3	13.2	15.8	14.2	5.1	1.6	-1.5	4.8
	MAXIMUM	4.1	2.9	6.5	9.1	11.9	19.3	20.5	19.6	17.9	13.3	8.6	4.7	20.5

	DAY-HR	14-09	06-21	08-03	20-02	28-05	20-01	23-00	16-23	28-06	01-21	03-04	09-02	JUL
	MINIMUM	-24.6	-15.0	-14.3	-5.4	0.3	3.8	7.9	9.5	6.0	0.4	-9.7	-11.4	-24.6
	DAY-HR	23-16	14-16	09-15	02-16	22-21	01-10	03-07	31-13	30-23	22-05	20-17	31-23	JAN
	# OBS	737	671	742	714	744	717	743	743	681	742	719	744	8697
1988	MEAN	-8.5	-15.0	-	-	7.9	7.6	12.1	15.3	12.3	5.8	2.0	-4.4	4.8
	MAXIMUM	3.8	-7.0	-	-	15.2	18.4	22.2	21.4	17.1	14.8	8.7	24.2	24.2
	DAY-HR	16-22	03-12	-	-	30-07	12-22	29-09	12-00	02-05	01-00	16-13	23-03	DEC
	MINIMUM	-19.8	-21.3	-	-	3.4	3.0	5.3	11.7	7.4	-3.1	-6.2	-15.5	-21.3
	DAY-HR	13-17	06-11	-	-	28-08	17-11	01-09	28-11	28-11	29-18	28-16	11-08	FEB
	# OBS	741	235	-	-	106	720	737	739	719	744	704	526	5971
1989	MEAN	-	-	-	1.8	3.5	4.8	6.9	10.9	11.5	5.7	-1.7	-4.4	5.8
	MAXIMUM	-	-	-	4.3	9.8	7.9	11.8	14.8	16.3	12.0	6.0	-0.1	16.3
	DAY-HR	-	-	-	26-20	28-23	23-14	27-02	12-19	08-00	02-03	08-04	01-22	SEP
	MINIMUM	-	-	-	0.1	-2.1	2.0	4.0	6.3	2.9	0.0	-12.5	-5.9	-12.5
	DAY-HR	-	-	-	30-16	06-23	06-08	18-11	07-11	23-13	18-15	28-19	01-12	NOV
	# OBS	-	-	-	128	733	718	740	739	715	740	717	23	5253
1990	MEAN	-	-	-	2.4	3.0	5.0	6.4	10.0	10.0	5.7	1.7	-1.6	5.7
	MAXIMUM	-	-	-	8.9	7.2	9.0	11.8	14.9	16.4	11.3	8.3	4.4	16.4
	DAY-HR	-	-	-	26-22	28-08	14-01	18-04	31-23	04-22	03-19	02-01	01-01	SEP
	MINIMUM	-	-	-	-5.4	-1.5	2.5	4.0	5.3	4.1	0.2	-7.8	-9.3	-9.3
	DAY-HR	-	-	-	17-16	10-17	03-16	01-17	04-12	23-15	18-12	25-16	02-17	DEC
	# OBS	-	-	-	358	738	717	737	741	713	738	715	42	5499
1991	MEAN	-	-	-	-	4.8	6.2	8.0	15.0	11.5	5.1	-	-	8.7
	MAXIMUM	-	-	-	-	12.6	13.7	16.4	22.8	17.8	11.3	-	-	22.8
	DAY-HR	-	-	-	-	24-22	26-21	17-02	15-08	03-08	17-22	-	-	AUG
	MINIMUM	-	-	-	-	1.6	3.3	4.3	9.4	2.5	-0.8	-	-	-0.8
	DAY-HR	-	-	-	-	19-06	01-09	10-11	31-19	27-13	15-21	-	-	OCT
	# OBS	-	-	-	-	510	714	743	739	719	647	-	-	4072
1992	MEAN	-	-	-	0.9	4.3	5.3	6.5	11.8	10.2	5.1	1.0	-	6.3
	MAXIMUM	-	-	-	5.4	10.2	9.3	11.1	17.1	15.6	12.6	6.0	-	17.1
	DAY-HR	-	-	-	29-05	23-01	12-09	26-15	20-22	06-04	02-23	03-10	-	AUG
	MINIMUM	-	-	-	-8.5	0.5	2.9	3.7	8.2	4.4	-1.4	-4.5	-	-8.5
	DAY-HR	-	-	-	12-16	05-16	07-03	13-09	02-05	28-18	18-15	06-14	-	APR
	# OBS	-	-	-	547	738	720	743	740	715	740	183	-	5126
1993	MEAN	-	-	-	1.5	3.7	5.4	7.3	12.4	10.3	4.8	3.7	-	6.8
	MAXIMUM	-	-	-	4.4	9.3	11.2	11.8	18.9	15.9	10.5	5.8	-	18.9
	DAY-HR	-	-	-	24-04	12-05	25-00	31-14	26-18	02-04	01-03	03-02	-	AUG
	MINIMUM	-	-	-	-4.3	0.5	2.7	4.0	6.8	3.2	-0.7	-0.4	-	-4.3
	DAY-HR	-	-	-	25-15	01-22	05-08	09-05	03-08	29-13	31-11	01-00	-	APR
	# OBS	-	-	-	404	741	718	740	741	716	743	69	-	4872
1994	MEAN	-	-	-	-	3.8	5.7	7.1	11.7	13.2	9.7	-	-	8.4
	MAXIMUM	-	-	-	-	9.8	10.4	12.9	16.8	16.2	12.9	-	-	16.8
	DAY-HR	-	-	-	-	22-21	26-23	31-23	26-08	16-03	07-23	-	-	AUG
	MINIMUM	-	-	-	-	1.2	3.5	4.3	8.9	7.4	4.1	-	-	1.2
	DAY-HR	-	-	-	-	05-13	12-05	05-09	04-14	25-22	09-09	-	-	MAY
	# OBS	-	-	-	-	650	711	729	728	589	404	-	-	3811
1995	MEAN	-	-	-	1.9	4.3	6.1	8.1	14.9	11.3	7.3	-	-	8.1
	MAXIMUM	-	-	-	6.8	8.6	10.2	15.0	18.9	17.1	14.4	-	-	18.9
	DAY-HR	-	-	-	21-21	31-01	21-00	27-02	19-10	06-21	13-04	-	-	AUG
	MINIMUM	-	-	-	-1.9	2.2	3.5	3.7	9.3	5.2	2.6	-	-	-1.9
	DAY-HR	-	-	-	14-17	02-08	09-08	09-11	01-03	22-16	22-15	-	-	APR
	# OBS	-	-	-	409	740	717	737	740	711	660	-	-	4714
1996	MEAN	-	-	-	0.3	2.9	5.4	6.4	8.9	10.9	6.4	-1.5	-	6.4
	MAXIMUM	-	-	-	4.2	8.8	15.1	13.3	14.9	16.1	11.2	1.6	-	16.1
	DAY-HR	-	-	-	24-00	21-15	29-02	31-21	07-10	07-21	06-13	02-23	-	SEP
	MINIMUM	-	-	-	-5.5	-2.4	3.1	4.1	5.6	6.3	-4.9	-3.6	-	-5.5
	DAY-HR	-	-	-	26-15	01-13	03-17	07-08	02-10	29-17	31-13	02-11	-	APR
	# OBS	-	-	-	164	732	716	837	789	716	689	94	-	4737
1997	MEAN	-	-	-	1.9	3.1	5.8	6.9	12.2	13.1	6.2	-	-	7.5
	MAXIMUM	-	-	-	5.8	6.5	13.1	11.4	16.4	17.7	13.6	-	-	17.7
	DAY-HR	-	-	-	27-06	05-23	04-02	18-21	31-23	01-22	04-02	-	-	SEP
	MINIMUM	-	-	-	-1.1	0.5	2.7	4.4	7.0	6.5	-2.4	-	-	-2.4
	DAY-HR	-	-	-	30-17	14-15	07-01	08-18	03-11	30-19	27-16	-	-	OCT
	# OBS	-	-	-	299	732	709	726	731	713	685	-	-	4595
1998	MEAN	-	-	-	3.3	5.7	8.2	16.2	18.8	15.8	9.3	-	-	11.4
	MAXIMUM	-	-	-	8.3	10.9	15.6	20.8	21.7	21.0	13.9	-	-	21.7
	DAY-HR	-	-	-	13-00	28-06	23-23	21-06	09-21	11-06	17-23	-	-	AUG
	MINIMUM	-	-	-	-1.3	3.4	3.8	11.5	14.7	8.8	2.3	-	-	-1.3
	DAY-HR	-	-	-	15-13	02-16	02-06	01-15	18-11	21-15	14-14	-	-	APR
	# OBS	-	-	-	614	707	687	726	781	711	503	-	-	4729
1999	MEAN	-	-	-	-	5.7	6.3	10.9	16.0	13.8	7.5	4.3	-	10.8
	MAXIMUM	-	-	-	-	11.1	14.2	19.9	20.6	20.1	11.7	9.5	-	20.6

	DAY-HR	-	-	-	-	30-22	23-01	23-02	27-07	05-02	12-19	01-17	-	AUG
	MINIMUM	-	-	-	-	3.3	3.0	5.2	12.0	6.1	0.6	-1.5	-	-1.5
	DAY-HR	-	-	-	-	31-20	01-12	02-05	29-17	20-17	06-15	03-14	-	NOV
	# OBS	-	-	-	-	216	718	737	730	714	269	127	-	3511
2000	MEAN	-	-	-	1.4	4.9	5.8	12.0	16.0	12.1	8.5	7.2	-	8.8
	MAXIMUM	-	-	-	6.0	11.8	9.4	18.7	19.4	16.3	15.3	11.1	-	19.4
	DAY-HR	-	-	-	24-03	07-08	21-15	31-19	01-22	10-01	01-04	02-07	-	AUG
	MINIMUM	-	-	-	-5.7	1.2	2.8	6.2	12.8	4.4	1.4	3.0	-	-5.7
	DAY-HR	-	-	-	07-16	18-16	11-14	03-10	02-21	27-11	28-16	09-13	-	APR
	# OBS	-	-	-	599	738	720	741	742	701	741	222	-	5204
2001	MEAN	-	-	-	2.9	4.4	7.0	8.3	15.1	13.3	7.7	6.7	-	9.3
	MAXIMUM	-	-	-	8.2	8.6	12.5	17.9	19.5	19.1	13.5	9.8	-	19.5
	DAY-HR	-	-	-	26-22	19-01	26-20	31-19	30-03	03-03	02-06	02-02	-	AUG
	MINIMUM	-	-	-	-1.7	1.9	4.3	4.3	9.6	5.9	1.6	4.8	-	-1.7
	DAY-HR	-	-	-	22-15	11-12	27-11	02-09	02-07	24-16	27-13	04-16	-	APR
	# OBS	-	-	-	296	539	194	744	742	718	743	127	-	4103
POR	MEAN	-6.8	-6.0	-0.9	2.2	4.2	6.0	8.8	13.4	11.9	6.3	1.0	-4.1	6.9
	MAXIMUM	5.0	2.9	6.5	9.1	15.2	19.3	22.2	22.8	21.0	15.3	11.1	24.2	24.2
	YEAR	1986	1987	1987	1987	1988	1987	1988	1991	1998	2000	2000	1988	DEC/1988
	MINIMUM	-24.6	-21.3	-14.3	-8.5	-2.7	2.0	3.6	4.9	2.5	-4.9	-13.6	-19.9	-24.6
	YEAR	1987	1988	1987	1992	1983	1989	1984	1982	1991	1996	1985	1985	JAN/1987
	# OBS	2218	1573	742	4876	13554	15001	16296	16700	15930	15683	7918	3223	113714

STATION: 45001 -- POR (5/1979 - 11/2001)

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
1979	MEAN	-	-	-	-	0.8	2.1	3.9	9.5	9.8	6.5	3.5	2.9	5.0
	MAXIMUM	-	-	-	-	1.7	2.8	9.1	11.9	12.0	9.7	4.0	3.2	12.0
	DAY-HR	-	-	-	-	29-20	27-18	27-20	28-00	03-20	01-06	05-09	04-06	SEP
	MINIMUM	-	-	-	-	0.3	1.4	2.5	7.2	8.7	3.4	3.2	2.5	0.3
	DAY-HR	-	-	-	-	06-12	03-12	06-08	01-14	12-09	25-08	30-23	17-14	MAY
	# OBS	-	-	-	-	675	714	741	739	716	737	720	402	5444
1980	MEAN	-	-	-	0.5	1.5	2.3	5.0	11.8	11.2	5.8	3.4	-	5.8
	MAXIMUM	-	-	-	0.7	2.2	3.0	11.0	16.0	15.6	8.1	3.9	-	16.0
	DAY-HR	-	-	-	30-23	31-22	30-22	31-23	31-22	01-00	01-04	03-22	-	AUG
	MINIMUM	-	-	-	0.3	0.7	1.9	2.7	8.5	7.8	3.8	2.9	-	0.3
	DAY-HR	-	-	-	28-13	02-12	04-11	02-09	05-21	30-17	31-23	16-07	-	APR
	# OBS	-	-	-	122	743	716	743	740	713	742	588	-	5107
1981	MEAN	-	-	-	-	2.4	3.1	5.8	14.4	12.3	5.5	5.0	-	7.6
	MAXIMUM	-	-	-	-	2.7	3.7	12.2	17.9	17.4	6.7	5.2	-	17.9
	DAY-HR	-	-	-	-	31-23	30-21	28-22	31-00	01-01	05-22	04-22	-	AUG
	MINIMUM	-	-	-	-	2.2	2.6	3.3	9.5	5.8	4.8	4.7	-	2.2
	DAY-HR	-	-	-	-	19-12	07-12	01-11	01-01	30-18	26-11	11-22	-	MAY
	# OBS	-	-	-	-	311	717	744	743	716	722	263	-	4216
1982	MEAN	-	-	-	-	1.6	2.6	3.4	6.6	8.5	6.4	4.9	-	4.9
	MAXIMUM	-	-	-	-	2.2	3.1	4.4	10.2	9.7	8.3	5.6	-	10.2
	DAY-HR	-	-	-	-	30-22	30-23	30-22	21-21	12-17	05-22	01-21	-	AUG
	MINIMUM	-	-	-	-	0.7	2.1	2.9	3.7	7.5	4.8	4.4	-	0.7
	DAY-HR	-	-	-	-	09-10	03-12	04-11	02-09	28-23	23-13	17-15	-	MAY
	# OBS	-	-	-	-	579	720	743	742	720	744	402	-	4650
1983	MEAN	-	-	-	1.9	2.5	3.1	6.7	14.4	15.0	8.4	5.9	-	8.0
	MAXIMUM	-	-	-	2.2	3.1	3.6	13.0	18.7	18.5	12.4	6.4	-	18.7
	DAY-HR	-	-	-	30-23	27-21	19-21	29-20	31-17	02-21	03-02	02-12	-	AUG
	MINIMUM	-	-	-	1.7	2.0	2.7	3.3	10.9	11.2	6.0	5.3	-	1.7
	DAY-HR	-	-	-	25-12	01-13	01-11	03-11	09-11	27-10	19-09	17-14	-	APR
	# OBS	-	-	-	222	740	536	739	742	714	743	400	-	4836
1984	MEAN	-	-	-	-	2.1	2.9	4.1	11.8	11.2	7.6	4.9	-	6.3
	MAXIMUM	-	-	-	-	2.7	3.5	8.4	15.6	13.6	9.4	5.8	-	15.6
	DAY-HR	-	-	-	-	28-21	29-20	27-23	28-22	01-00	01-18	01-14	-	AUG
	MINIMUM	-	-	-	-	1.7	2.5	3.2	5.6	8.2	5.4	4.3	-	1.7
	DAY-HR	-	-	-	-	14-12	04-11	01-12	01-09	30-09	31-23	20-13	-	MAY
	# OBS	-	-	-	-	500	719	741	743	393	740	467	-	4303
1985	MEAN	-	-	-	-	-	-	7.5	9.5	10.5	6.6	5.3	3.6	7.1
	MAXIMUM	-	-	-	-	-	-	7.9	12.9	13.3	7.5	6.3	4.1	13.3
	DAY-HR	-	-	-	-	-	-	31-19	31-00	18-21	05-03	01-00	08-10	SEP
	MINIMUM	-	-	-	-	-	-	7.1	6.6	6.6	5.9	3.9	2.8	2.8
	DAY-HR	-	-	-	-	-	-	31-12	15-16	30-23	31-14	30-06	31-23	DEC

	# OBS	-	-	-	-	-	-	24	740	695	726	687	743	3615
1986	MEAN	2.2	0.5	-	-	2.4	3.2	4.6	12.4	11.6	7.8	6.9	8.2	5.5
	MAXIMUM	2.8	1.5	-	-	3.6	4.3	8.6	16.2	14.2	12.4	9.1	8.4	16.2
	DAY-HR	01-05	02-12	-	-	26-20	18-19	26-21	30-23	24-21	01-20	25-08	04-05	AUG
	MINIMUM	1.6	0.1	-	-	1.8	2.4	3.3	7.9	10.0	6.1	4.1	7.9	0.1
	DAY-HR	31-21	28-21	-	-	08-14	06-10	03-12	02-11	14-12	31-18	14-15	08-15	FEB
	# OBS	740	661	-	-	655	712	743	351	714	742	717	304	6339
1987	MEAN	-	-	-	2.2	2.9	4.1	9.8	14.6	13.9	6.0	4.4	3.6	6.9
	MAXIMUM	-	-	-	2.9	3.9	9.1	15.6	17.3	15.3	12.4	5.3	4.0	17.3
	DAY-HR	-	-	-	26-21	24-19	22-20	27-22	16-22	16-22	01-00	04-02	02-04	AUG
	MINIMUM	-	-	-	1.3	1.2	2.9	5.2	11.8	12.4	4.9	3.8	3.1	1.2
	DAY-HR	-	-	-	08-10	04-11	05-12	03-13	25-00	30-23	29-14	24-21	28-14	MAY
	# OBS	-	-	-	537	744	719	743	743	681	742	719	744	6372
1988	MEAN	2.6	1.2	-	-	3.0	3.4	8.0	14.0	-	-	4.1	3.6	5.5
	MAXIMUM	3.3	2.0	-	-	3.9	4.7	18.4	16.5	-	-	4.5	27.3	27.3
	DAY-HR	01-10	01-14	-	-	31-22	16-20	23-00	15-22	-	-	09-22	23-03	DEC
	MINIMUM	1.5	0.1	-	-	1.4	2.8	3.4	10.1	-	-	3.6	3.2	0.1
	DAY-HR	28-21	10-19	-	-	27-21	04-11	14-17	09-00	-	-	29-09	22-06	FEB
	# OBS	740	235	-	-	105	719	741	564	-	-	573	526	4203
1989	MEAN	-	-	-	0.9	1.8	2.9	4.0	9.2	10.5	5.9	4.4	3.6	5.4
	MAXIMUM	-	-	-	1.2	2.7	3.5	8.6	13.4	13.4	7.4	5.5	3.6	13.4
	DAY-HR	-	-	-	28-23	31-20	29-17	31-19	21-21	06-21	02-11	08-01	01-21	SEP
	MINIMUM	-	-	-	0.8	0.6	2.2	3.1	4.8	6.3	5.2	3.2	3.4	0.6
	DAY-HR	-	-	-	28-12	11-07	06-12	01-09	03-17	23-11	31-23	27-01	01-22	MAY
	# OBS	-	-	-	127	733	718	739	739	714	741	716	23	5250
1990	MEAN	-	-	-	0.9	1.7	2.7	3.7	7.6	9.7	6.0	4.5	4.1	4.9
	MAXIMUM	-	-	-	1.4	2.5	3.4	6.2	13.0	13.8	8.1	5.0	4.1	13.8
	DAY-HR	-	-	-	30-22	29-19	30-20	25-18	21-22	06-19	02-20	07-04	02-17	SEP
	MINIMUM	-	-	-	0.6	0.7	2.2	3.1	4.1	6.9	4.9	4.1	4.1	0.6
	DAY-HR	-	-	-	21-12	22-10	04-11	03-08	01-14	25-12	31-23	30-23	02-17	APR
	# OBS	-	-	-	336	738	717	737	741	712	736	714	42	5473
1991	MEAN	-	-	-	2.1	3.2	5.2	13.5	11.6	6.1	-	-	-	7.0
	MAXIMUM	-	-	-	3.0	4.0	11.2	18.3	15.4	7.8	-	-	-	18.3
	DAY-HR	-	-	-	31-22	23-21	21-21	28-22	15-23	04-18	-	-	-	AUG
	MINIMUM	-	-	-	1.2	2.5	3.5	7.6	6.3	5.6	-	-	-	1.2
	DAY-HR	-	-	-	19-09	01-11	02-04	02-13	28-01	27-07	-	-	-	MAY
	# OBS	-	-	-	671	714	743	739	719	647	-	-	-	4233
1992	MEAN	-	-	-	1.3	2.2	3.2	4.2	10.5	8.9	5.6	5.0	-	5.2
	MAXIMUM	-	-	-	1.7	3.0	3.9	7.4	13.6	11.7	7.6	5.2	-	13.6
	DAY-HR	-	-	-	30-23	31-22	25-22	31-00	29-19	02-06	03-22	01-02	-	AUG
	MINIMUM	-	-	-	0.7	1.6	2.7	3.5	5.4	5.1	4.8	4.7	-	0.7
	DAY-HR	-	-	-	14-12	06-11	02-11	13-11	01-11	29-15	19-15	04-16	-	APR
	# OBS	-	-	-	544	739	720	743	740	714	739	181	-	5120
1993	MEAN	-	-	-	1.3	2.1	3.1	4.3	10.5	10.7	6.7	5.2	-	5.8
	MAXIMUM	-	-	-	1.6	2.7	3.9	8.8	16.3	14.6	9.1	5.4	-	16.3
	DAY-HR	-	-	-	30-23	29-23	29-20	22-19	26-23	01-06	02-03	03-17	-	AUG
	MINIMUM	-	-	-	0.7	1.2	2.2	3.4	5.0	8.8	5.3	5.0	-	0.7
	DAY-HR	-	-	-	14-11	01-11	05-06	03-11	02-14	30-19	31-16	01-08	-	APR
	# OBS	-	-	-	404	741	715	740	741	716	742	69	-	4868
1994	MEAN	-	-	-	2.0	3.1	4.6	10.2	12.5	9.1	-	-	-	6.6
	MAXIMUM	-	-	-	2.7	3.9	10.1	13.5	14.9	10.1	-	-	-	14.9
	DAY-HR	-	-	-	30-16	27-15	29-23	26-23	20-22	22-22	-	-	-	SEP
	MINIMUM	-	-	-	1.4	2.2	3.5	7.5	11.0	8.5	-	-	-	1.4
	DAY-HR	-	-	-	07-12	04-11	04-11	04-15	01-09	14-15	-	-	-	MAY
	# OBS	-	-	-	647	709	726	726	582	402	-	-	-	3792
1995	MEAN	-	-	-	1.5	2.3	3.2	4.9	12.8	11.6	7.6	-	-	6.6
	MAXIMUM	-	-	-	1.8	2.9	3.7	11.5	16.4	16.3	10.8	-	-	16.4
	DAY-HR	-	-	-	30-23	26-23	29-21	26-23	26-21	01-19	02-00	-	-	AUG
	MINIMUM	-	-	-	0.7	1.5	2.6	3.5	7.0	9.8	5.0	-	-	0.7
	DAY-HR	-	-	-	23-10	07-07	04-10	03-17	01-11	29-01	25-15	-	-	APR
	# OBS	-	-	-	409	740	717	737	740	711	660	-	-	4714
1996	MEAN	-	-	-	0.9	1.4	2.6	3.4	5.3	9.8	7.4	5.1	-	4.8
	MAXIMUM	-	-	-	7.1	2.3	3.2	4.1	9.9	14.7	9.5	5.5	-	14.7
	DAY-HR	-	-	-	24-00	31-19	30-23	27-21	29-21	07-22	01-21	01-01	-	SEP
	MINIMUM	-	-	-	0.7	0.1	2.0	3.0	3.6	7.4	5.5	4.9	-	0.1
	DAY-HR	-	-	-	29-12	06-04	01-20	04-09	01-11	15-15	31-23	02-17	-	MAY
	# OBS	-	-	-	164	732	716	837	789	716	689	94	-	4737
1997	MEAN	-	-	-	1.0	1.8	2.9	3.6	10.7	12.4	7.0	-	-	6.0
	MAXIMUM	-	-	-	2.3	2.5	3.4	6.0	15.5	15.0	9.9	-	-	15.5
	DAY-HR	-	-	-	18-00	31-20	29-18	26-22	24-20	12-21	02-22	-	-	AUG
	MINIMUM	-	-	-	-0.3	1.2	2.4	3.2	4.3	9.3	4.8	-	-	-0.3
	DAY-HR	-	-	-	18-09	28-06	03-11	07-07	01-20	30-18	28-00	-	-	APR

	# OBS	-	-	-	295	733	709	725	731	714	685	-	-	4592
1998	MEAN	-	-	-	2.5	3.4	5.8	15.4	18.9	17.0	11.3	-	-	10.9
	MAXIMUM	-	-	-	3.2	4.3	12.0	20.1	20.5	19.3	13.8	-	-	20.5
	DAY-HR	-	-	-	27-19	24-18	27-21	10-20	15-19	01-00	01-00	-	-	AUG
	MINIMUM	-	-	-	2.0	2.6	3.6	9.7	15.8	13.9	5.1	-	-	2.0
	DAY-HR	-	-	-	05-07	01-09	02-12	01-13	01-14	30-23	21-23	-	-	APR
	# OBS	-	-	-	614	707	687	726	781	711	503	-	-	4729
1999	MEAN	-	-	-	-	3.1	3.6	7.9	15.7	14.4	9.7	5.3	-	9.7
	MAXIMUM	-	-	-	-	3.4	4.4	15.1	18.9	18.4	11.0	5.7	-	18.9
	DAY-HR	-	-	-	-	30-19	26-19	31-21	24-22	03-19	01-04	01-19	-	AUG
	MINIMUM	-	-	-	-	3.0	3.2	4.0	12.9	10.4	8.4	5.1	-	3.0
	DAY-HR	-	-	-	-	28-09	04-11	01-15	16-12	26-17	12-18	06-06	-	MAY
	# OBS	-	-	-	-	216	716	737	729	714	269	127	-	3508
2000	MEAN	-	-	-	2.8	-	-	-	15.5	11.8	9.4	7.3	-	10.7
	MAXIMUM	-	-	-	3.1	-	-	-	17.6	15.2	12.1	8.3	-	17.6
	DAY-HR	-	-	-	13-23	-	-	-	11-21	01-02	01-19	03-00	-	AUG
	MINIMUM	-	-	-	2.6	-	-	-	14.0	10.5	7.2	6.6	-	2.6
	DAY-HR	-	-	-	08-14	-	-	-	19-13	07-19	30-12	05-06	-	APR
	# OBS	-	-	-	218	-	-	-	534	701	741	222	-	2416
2001	MEAN	-	-	-	1.3	2.1	3.2	5.2	13.4	13.8	9.2	5.9	-	8.1
	MAXIMUM	-	-	-	1.6	2.7	3.6	11.0	18.0	15.6	11.4	6.3	-	18.0
	DAY-HR	-	-	-	30-23	19-23	28-00	30-00	22-23	04-03	02-07	04-18	-	AUG
	MINIMUM	-	-	-	0.9	1.5	3.1	3.2	7.1	10.5	5.6	5.2	-	0.9
	DAY-HR	-	-	-	28-07	05-11	23-11	05-11	01-17	25-16	31-12	02-09	-	APR
	# OBS	-	-	-	296	539	194	744	741	718	743	127	-	4102
POR	MEAN	2.4	0.7	-	1.6	2.1	3.2	5.6	11.8	11.8	7.2	4.8	4.0	6.5
	MAXIMUM	3.3	2.0	-	7.1	4.3	12.0	20.1	20.5	19.3	13.8	9.1	27.3	27.3
	YEAR	1988	1988	-	1996	1998	1998	1998	1998	1998	1998	1986	1988	DEC/1988
	MINIMUM	1.5	0.1	-	-0.3	0.1	1.4	2.5	3.6	5.1	3.4	2.9	2.5	-0.3
	YEAR	1988	1988	-	1997	1996	1979	1979	1996	1992	1979	1980	1979	APR/1997
	# OBS	1480	896	-	4288	12988	14304	15636	16318	15204	14935	7786	2784	106619

STATION: 45001 -- POR (5/1979 - 11/2001)

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
1979	MEAN	-	-	-	-	1015.1	1014.3	1015.8	1013.9	1014.0	1011.1	1012.9	1013.9	1013.9
	MAXIMUM	-	-	-	-	1028.4	1028.7	1028.8	1030.4	1024.4	1024.9	1030.4	1031.3	1031.3
	DAY-HR	-	-	-	-	16-15	24-16	16-21	15-17	23-16	18-07	21-08	17-00	DEC
	MINIMUM	-	-	-	-	998.7	998.6	1002.6	999.3	998.3	993.8	987.4	980.6	980.6
	DAY-HR	-	-	-	-	07-21	21-10	14-08	29-10	02-09	12-10	26-19	05-13	DEC
	# OBS	-	-	-	-	675	714	741	739	716	738	720	402	5445
1980	MEAN	-	-	-	1018.3	1013.9	1014.7	1013.1	1013.1	1014.6	1013.4	1017.1	-	1014.3
	MAXIMUM	-	-	-	1023.0	1028.6	1027.7	1022.5	1025.3	1027.2	1031.5	1036.2	-	1036.2
	DAY-HR	-	-	-	26-19	16-16	04-15	06-15	16-17	26-16	23-07	11-16	-	NOV
	MINIMUM	-	-	-	1011.9	993.0	1001.9	1003.2	1000.1	997.2	987.6	990.5	-	987.6
	DAY-HR	-	-	-	30-00	11-06	29-11	15-07	05-08	16-09	17-19	09-08	-	OCT
	# OBS	-	-	-	122	743	716	743	740	712	742	588	-	5106
1981	MEAN	-	-	-	-	1013.0	1010.0	1016.7	1015.9	1015.8	1017.7	1019.0	-	1015.3
	MAXIMUM	-	-	-	-	1025.0	1028.4	1029.2	1025.1	1029.9	1030.8	1032.3	-	1032.3
	DAY-HR	-	-	-	-	18-22	30-22	01-15	16-16	23-11	21-17	09-17	-	NOV
	MINIMUM	-	-	-	-	998.5	991.9	1006.3	1005.8	993.0	984.5	1002.8	-	984.5
	DAY-HR	-	-	-	-	30-00	08-08	20-10	31-22	27-14	18-10	08-09	-	OCT
	# OBS	-	-	-	-	311	717	744	743	716	721	264	-	4216
1982	MEAN	-	-	-	-	1016.3	1013.6	1013.6	1016.2	1015.8	1015.0	1015.9	-	1015.1
	MAXIMUM	-	-	-	-	1027.0	1024.6	1025.5	1026.3	1031.9	1030.4	1037.7	-	1037.7
	DAY-HR	-	-	-	-	21-15	03-17	23-15	28-20	06-18	22-00	09-17	-	NOV
	MINIMUM	-	-	-	-	1005.3	1002.4	997.5	1003.7	1001.3	995.2	986.8	-	986.8
	DAY-HR	-	-	-	-	31-22	10-08	07-12	09-00	02-11	14-21	12-15	-	NOV
	# OBS	-	-	-	-	579	720	742	742	719	744	402	-	4648
1983	MEAN	-	-	-	1012.6	1015.1	1014.0	1013.8	1015.5	1013.4	1018.2	1019.4	-	1015.3
	MAXIMUM	-	-	-	1021.5	1030.3	1023.1	1025.3	1024.0	1026.7	1036.2	1037.4	-	1037.4
	DAY-HR	-	-	-	23-15	09-15	10-17	09-17	09-15	14-17	20-16	03-16	-	NOV
	MINIMUM	-	-	-	998.5	1001.2	1001.1	993.9	1002.3	996.5	994.2	1002.9	-	993.9
	DAY-HR	-	-	-	27-04	04-08	06-20	04-13	08-03	06-10	14-09	08-07	-	JUL
	# OBS	-	-	-	222	739	536	741	742	714	743	400	-	4837
1984	MEAN	-	-	-	-	1015.7	1012.3	1013.6	1014.5	1016.2	1017.6	1016.3	-	1015.0

	MAXIMUM	-	-	-	-	1033.6	1027.1	1026.7	1025.2	1026.9	1032.8	1036.9	-	1036.9
	DAY-HR	-	-	-	-	28-16	15-16	28-16	11-17	05-16	31-14	20-13	-	NOV
	MINIMUM	-	-	-	-	997.6	991.3	1001.7	1002.3	1002.7	990.3	995.7	-	990.3
	DAY-HR	-	-	-	-	24-23	08-15	17-09	29-11	07-21	28-02	04-12	-	OCT
	# OBS	-	-	-	-	500	719	741	743	393	740	467	-	4303
1985	MEAN	-	-	-	-	-	-	1022.0	1016.1	1016.4	1015.6	1019.6	1012.8	1016.1
	MAXIMUM	-	-	-	-	-	-	1022.7	1025.7	1039.0	1032.4	1039.7	1029.5	1039.7
	DAY-HR	-	-	-	-	-	-	30-22	01-18	13-16	28-16	11-15	03-16	NOV
	MINIMUM	-	-	-	-	-	-	1020.8	1002.7	984.7	999.5	995.9	986.9	984.7
	DAY-HR	-	-	-	-	-	-	31-11	13-08	24-03	05-06	20-07	31-00	SEP
	# OBS	-	-	-	-	-	-	26	741	700	732	689	741	3629
1986	MEAN	1015.5	1016.8	-	-	1015.5	1013.7	1014.0	1016.2	1015.8	1017.7	1016.4	1016.9	1015.8
	MAXIMUM	1039.2	1030.0	-	-	1027.9	1025.2	1021.2	1022.1	1034.7	1032.1	1037.2	1037.8	1039.2
	DAY-HR	08-02	21-12	-	-	19-16	02-14	14-17	24-13	16-16	09-19	30-23	01-02	JAN
	MINIMUM	983.5	1002.3	-	-	996.1	996.0	1000.2	1007.8	1002.1	1002.3	992.2	995.3	983.5
	DAY-HR	12-09	18-10	-	-	06-15	16-07	04-13	23-06	04-12	07-21	08-16	03-19	JAN
	# OBS	731	667	-	-	655	708	743	351	714	742	715	743	6769
1987	MEAN	1013.7	1020.7	1020.7	1016.3	1016.6	1012.4	1015.6	1015.7	1014.8	1016.9	1017.9	1013.3	1016.2
	MAXIMUM	1028.9	1035.3	1038.0	1032.9	1032.9	1025.5	1023.0	1026.3	1024.3	1034.3	1037.2	1037.8	1038.0
	DAY-HR	16-17	26-16	09-18	05-16	04-16	09-17	26-14	23-17	02-20	31-15	10-15	29-17	MAR
	MINIMUM	997.0	993.0	1000.0	996.0	998.9	1001.7	1006.7	1001.1	1006.0	991.5	992.0	986.6	986.6
	DAY-HR	11-19	08-01	01-19	29-05	09-08	02-07	12-23	17-01	19-20	01-21	17-17	12-06	DEC
	# OBS	736	665	742	712	744	715	743	743	671	742	719	744	8676
1988	MEAN	1016.5	1028.7	-	-	1015.0	1016.9	1016.4	1013.2	1015.0	1015.0	1009.1	-	1015.3
	MAXIMUM	1036.4	1035.7	-	-	1019.8	1026.4	1023.8	1023.7	1033.6	1034.5	1029.6	-	1036.4
	DAY-HR	14-04	02-16	-	-	31-16	09-17	05-20	18-16	28-16	06-15	18-17	-	JAN
	MINIMUM	991.2	1017.5	-	-	1011.0	999.2	1003.1	996.8	990.0	993.2	977.9	-	977.9
	DAY-HR	16-20	01-01	-	-	30-01	25-08	13-23	25-17	20-06	28-09	16-17	-	NOV
	# OBS	738	79	-	-	95	720	743	739	718	744	333	-	4909
1989	MEAN	-	-	-	1018.5	1014.6	1015.4	1018.4	1014.5	1016.6	1015.8	1009.9	1020.0	1015.1
	MAXIMUM	-	-	-	1023.5	1029.5	1028.2	1026.5	1025.6	1030.0	1039.0	1025.9	1023.3	1039.0
	DAY-HR	-	-	-	27-18	11-14	29-16	23-17	24-18	27-03	18-17	29-03	01-15	OCT
	MINIMUM	-	-	-	1013.5	990.9	1007.7	1002.9	999.1	1004.8	994.5	988.2	1014.5	988.2
	DAY-HR	-	-	-	25-16	25-07	27-08	10-03	04-00	22-13	02-09	11-13	01-22	NOV
	# OBS	-	-	-	127	732	718	738	739	715	740	717	23	5249
1990	MEAN	-	-	-	1011.8	1014.9	1010.7	1016.6	1017.1	1015.5	1013.7	1012.3	1018.0	1014.3
	MAXIMUM	-	-	-	1025.2	1028.5	1025.1	1030.8	1028.2	1029.7	1030.8	1030.2	1035.3	1035.3
	DAY-HR	-	-	-	18-17	03-17	10-20	12-18	06-15	17-17	08-17	13-15	02-17	DEC
	MINIMUM	-	-	-	996.7	995.9	987.7	999.5	1007.5	995.3	988.7	989.4	1003.6	987.7
	DAY-HR	-	-	-	29-01	17-15	03-10	04-00	28-10	25-08	03-20	23-10	01-00	JUN
	# OBS	-	-	-	358	737	717	737	741	713	736	715	42	5496
1991	MEAN	-	-	-	-	1016.4	1017.2	1013.8	1017.4	1015.4	1011.7	-	-	1015.4
	MAXIMUM	-	-	-	-	1036.5	1029.7	1026.4	1030.9	1032.4	1029.3	-	-	1036.5
	DAY-HR	-	-	-	-	18-15	06-13	27-17	31-18	29-16	28-01	-	-	MAY
	MINIMUM	-	-	-	-	997.5	1004.4	1001.6	999.7	999.7	994.6	-	-	990.3
	DAY-HR	-	-	-	-	06-20	15-23	06-09	17-08	25-18	14-22	-	-	SEP
	# OBS	-	-	-	-	606	714	743	739	719	647	-	-	4168
1992	MEAN	-	-	-	1017.6	1017.7	1013.7	1012.9	1016.7	1013.5	1015.7	1015.5	-	1015.3
	MAXIMUM	-	-	-	1036.0	1032.0	1025.1	1022.9	1027.6	1028.4	1027.6	1030.1	-	1036.0
	DAY-HR	-	-	-	13-03	18-15	21-14	22-16	14-16	29-15	05-12	01-14	-	APR
	MINIMUM	-	-	-	1002.6	997.6	989.9	1002.7	996.8	996.9	997.8	994.2	-	989.9
	DAY-HR	-	-	-	21-08	01-15	18-04	04-16	30-11	18-10	09-15	03-05	-	JUN
	# OBS	-	-	-	547	739	720	743	740	714	741	183	-	5127
1993	MEAN	-	-	-	1015.4	1015.1	1014.9	1013.7	1015.3	1014.5	1013.5	1015.3	-	1014.6
	MAXIMUM	-	-	-	1031.0	1029.3	1025.1	1025.4	1023.8	1028.7	1025.6	1022.0	-	1031.0
	DAY-HR	-	-	-	26-16	01-16	18-15	22-15	21-13	15-19	22-18	01-17	-	APR
	MINIMUM	-	-	-	992.4	995.8	996.6	996.9	1000.7	990.1	985.1	1005.4	-	985.1
	DAY-HR	-	-	-	24-21	24-12	09-12	06-02	24-01	09-12	28-17	03-19	-	OCT
	# OBS	-	-	-	404	741	716	740	741	716	743	69	-	4870
1994	MEAN	-	-	-	-	1014.2	1013.0	1012.7	1014.6	1016.4	1014.5	-	-	1014.1
	MAXIMUM	-	-	-	-	1031.3	1026.6	1023.6	1027.5	1029.2	1028.7	-	-	1031.3
	DAY-HR	-	-	-	-	17-15	02-17	03-16	09-17	03-16	14-14	-	-	MAY
	MINIMUM	-	-	-	-	997.4	999.9	1002.9	993.8	1001.7	997.0	-	-	993.8
	DAY-HR	-	-	-	-	11-12	14-23	09-03	28-06	16-10	07-22	-	-	AUG
	# OBS	-	-	-	-	647	710	727	726	584	403	-	-	3797
1995	MEAN	-	-	-	1016.1	1013.4	1015.1	1010.4	1014.1	1015.9	1007.4	-	-	1013.1
	MAXIMUM	-	-	-	1025.8	1029.2	1024.4	1019.7	1024.8	1026.8	1020.9	-	-	1029.2
	DAY-HR	-	-	-	15-12	26-15	08-19	15-18	24-16	10-12	19-03	-	-	MAY
	MINIMUM	-	-	-	997.4	990.0	998.6	1000.0	998.2	1000.1	990.2	-	-	990.0
	DAY-HR	-	-	-	19-06	14-10	07-04	06-11	30-22	13-08	27-20	-	-	MAY
	# OBS	-	-	-	409	740	717	737	740	711	660	-	-	4714
1996	MEAN	-	-	-	1009.4	1017.0	1014.1	1013.2	1016.6	1014.7	1013.0	1007.9	-	1014.5

	DAY-HR	-	-	-	-	30-03	28-07	26-17	21-14	27-18	17-07	03-12	-	NOV
	# OBS	-	-	-	-	579	720	742	741	719	743	402	-	4646
1983	MEAN	-	-	-	6.9	8.4	6.7	6.3	6.1	9.9	9.4	9.5	-	7.9
	MAXIMUM	-	-	-	17.1	23.3	16.9	19.4	17.7	22.7	25.1	19.6	-	25.1
	DAY-HR	-	-	-	27-19	04-18	06-20	04-17	19-17	11-03	14-12	03-01	-	OCT
	MINIMUM	-	-	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
	DAY-HR	-	-	-	25-21	27-17	18-20	31-17	31-15	29-13	26-19	07-22	-	NOV
	# OBS	-	-	-	222	740	534	740	741	714	741	400	-	4832
1984	MEAN	-	-	-	-	7.1	7.4	7.2	5.8	7.7	9.3	11.6	-	7.9
	MAXIMUM	-	-	-	-	15.2	20.4	14.8	14.4	17.1	24.1	24.5	-	24.5
	DAY-HR	-	-	-	-	12-06	09-00	06-12	30-21	07-15	28-07	02-08	-	NOV
	MINIMUM	-	-	-	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
	DAY-HR	-	-	-	-	28-18	20-15	27-19	16-22	11-04	10-19	12-23	-	NOV
	# OBS	-	-	-	-	500	718	738	743	393	741	468	-	4301
1985	MEAN	-	-	-	-	-	-	3.1	6.7	10.3	13.2	15.7	-	10.2
	MAXIMUM	-	-	-	-	-	-	5.8	25.3	36.9	36.9	25.3	-	36.9
	DAY-HR	-	-	-	-	-	-	31-23	13-04	30-23	01-00	03-00	-	OCT
	MINIMUM	-	-	-	-	-	-	0.0	0.0	0.0	0.0	1.9	-	0.0
	DAY-HR	-	-	-	-	-	-	31-17	30-23	29-14	30-21	02-03	-	OCT
	# OBS	-	-	-	-	-	-	26	741	690	731	106	-	2294
1986	MEAN	-	-	-	-	9.6	10.1	-	9.9	9.4	9.6	13.3	13.3	11.1
	MAXIMUM	-	-	-	-	20.8	16.3	-	16.7	19.4	24.1	29.5	28.4	29.5
	DAY-HR	-	-	-	-	07-00	19-22	-	23-07	13-00	06-01	09-04	22-19	NOV
	MINIMUM	-	-	-	-	1.4	1.9	-	0.0	0.0	0.0	0.0	0.0	0.0
	DAY-HR	-	-	-	-	12-03	21-22	-	24-04	29-17	26-14	19-09	23-23	DEC
	# OBS	-	-	-	-	330	58	-	216	714	742	717	743	3520
1987	MEAN	12.8	11.7	11.2	9.6	8.4	8.8	9.0	9.6	9.6	11.1	11.5	-	10.4
	MAXIMUM	26.0	26.6	22.0	23.7	21.4	17.5	18.3	26.8	18.9	25.9	24.1	-	26.8
	DAY-HR	20-19	08-02	01-15	27-16	22-03	02-07	09-20	03-11	25-21	02-13	17-22	-	AUG
	MINIMUM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	-	0.0
	DAY-HR	29-02	20-03	28-04	30-16	27-04	19-22	28-09	28-17	11-09	08-16	12-07	-	NOV
	# OBS	736	671	742	714	288	719	743	743	682	742	717	-	7497
1988	MEAN	15.1	-	-	-	8.8	10.2	8.5	9.7	11.2	12.0	14.9	-	10.9
	MAXIMUM	27.2	-	-	-	15.4	22.9	18.9	25.1	23.7	30.7	25.5	-	30.7
	DAY-HR	12-17	-	-	-	29-12	25-14	15-15	06-04	20-18	28-13	01-18	-	OCT
	MINIMUM	0.2	-	-	-	0.0	0.0	0.0	0.0	0.0	0.0	2.9	-	0.0
	DAY-HR	15-20	-	-	-	30-20	17-00	23-00	30-16	26-05	23-00	01-01	-	OCT
	# OBS	492	-	-	-	105	720	741	736	719	744	19	-	4276
1989	MEAN	-	-	-	9.2	7.1	8.0	5.5	7.4	10.3	11.9	16.0	11.1	9.4
	MAXIMUM	-	-	-	21.6	23.9	22.7	15.9	18.7	30.5	28.2	31.3	17.3	31.3
	DAY-HR	-	-	-	29-12	05-18	07-15	27-04	29-21	23-03	02-15	11-18	01-21	NOV
	MINIMUM	-	-	-	0.2	0.2	0.4	0.0	0.0	0.4	0.4	0.8	6.0	0.0
	DAY-HR	-	-	-	26-19	09-17	06-10	29-08	28-03	21-11	19-07	09-05	01-02	AUG
	# OBS	-	-	-	128	735	718	742	740	716	740	717	23	5259
1990	MEAN	-	-	-	11.2	8.8	8.3	6.9	7.6	10.4	12.0	15.3	17.9	10.0
	MAXIMUM	-	-	-	30.5	28.8	27.6	20.0	20.8	27.8	36.4	30.3	24.3	36.4
	DAY-HR	-	-	-	28-02	10-15	03-15	08-13	18-13	23-00	18-01	22-10	01-20	OCT
	MINIMUM	-	-	-	0.6	0.2	0.4	0.2	0.0	0.4	0.0	0.6	11.1	0.0
	DAY-HR	-	-	-	22-05	26-17	27-07	25-15	22-09	30-20	23-20	15-10	02-17	OCT
	# OBS	-	-	-	358	734	714	737	742	713	738	715	42	5493
1991	MEAN	-	-	-	-	8.7	7.7	8.0	8.4	11.9	-	-	-	8.8
	MAXIMUM	-	-	-	-	24.9	27.8	21.2	23.9	34.2	-	-	-	34.2
	DAY-HR	-	-	-	-	06-12	26-15	23-18	31-00	18-20	-	-	-	SEP
	MINIMUM	-	-	-	-	0.0	0.2	0.2	0.0	0.8	-	-	-	0.0
	DAY-HR	-	-	-	-	19-11	13-01	29-07	08-01	11-14	-	-	-	AUG
	# OBS	-	-	-	-	674	715	743	739	523	-	-	-	3394
1992	MEAN	-	-	-	11.7	10.0	7.9	7.7	8.8	12.7	11.6	16.7	-	10.2
	MAXIMUM	-	-	-	31.7	26.0	25.7	21.0	24.1	35.8	33.2	34.6	-	35.8
	DAY-HR	-	-	-	12-03	07-11	17-12	02-22	30-19	28-14	16-17	02-15	-	SEP
	MINIMUM	-	-	-	0.0	0.2	0.0	0.2	0.0	0.8	0.2	3.9	-	0.0
	DAY-HR	-	-	-	14-12	31-09	26-06	30-16	28-14	11-02	05-03	07-01	-	AUG
	# OBS	-	-	-	535	739	720	743	740	716	741	182	-	5116
1993	MEAN	-	-	-	12.0	9.2	8.5	8.7	8.1	13.2	15.5	13.5	-	10.7
	MAXIMUM	-	-	-	29.4	24.9	21.2	22.9	19.4	29.4	36.2	23.5	-	36.2
	DAY-HR	-	-	-	16-13	24-12	08-11	31-13	31-02	30-22	21-12	03-05	-	OCT
	MINIMUM	-	-	-	0.0	0.0	0.0	0.6	0.0	0.2	0.2	1.2	-	0.0
	DAY-HR	-	-	-	26-13	13-06	05-06	27-22	18-00	15-19	18-11	01-01	-	AUG
	# OBS	-	-	-	404	741	718	742	741	716	743	69	-	4874
1994	MEAN	-	-	-	-	9.0	7.7	7.6	9.2	9.3	13.3	-	-	9.0
	MAXIMUM	-	-	-	-	23.3	30.7	22.4	25.1	32.9	25.3	-	-	32.9
	DAY-HR	-	-	-	-	31-00	14-20	01-06	28-13	25-15	09-15	-	-	SEP
	MINIMUM	-	-	-	-	0.2	0.0	0.0	0.6	0.8	1.7	-	-	0.0

	DAY-HR	-	-	-	-	13-00	24-16	15-19	18-09	25-03	13-10	-	-	JUL
	# OBS	-	-	-	-	653	712	729	732	589	404	-	-	3819
1995	MEAN	-	-	-	10.3	9.2	7.8	8.0	9.8	12.4	15.6	-	-	10.4
	MAXIMUM	-	-	-	25.1	24.5	26.6	19.1	32.1	33.8	37.5	-	-	37.5
	DAY-HR	-	-	-	19-03	16-15	07-09	30-20	30-22	06-23	21-07	-	-	OCT
	MINIMUM	-	-	-	0.0	0.0	0.6	0.2	0.2	0.2	1.0	-	-	0.0
	DAY-HR	-	-	-	23-08	27-03	14-00	14-03	27-08	03-02	08-22	-	-	MAY
	# OBS	-	-	-	409	740	717	737	740	711	660	-	-	4714
1996	MEAN	-	-	-	14.7	7.9	7.7	8.9	8.9	9.7	14.5	22.0	-	10.0
	MAXIMUM	-	-	-	33.2	24.9	17.9	19.1	25.7	28.4	35.6	32.9	-	35.6
	DAY-HR	-	-	-	26-03	01-01	02-21	19-14	14-09	12-03	31-02	01-00	-	OCT
	MINIMUM	-	-	-	1.0	0.0	0.0	1.0	0.2	0.0	0.6	13.8	-	0.0
	DAY-HR	-	-	-	24-10	30-04	12-13	24-14	26-02	19-18	08-06	02-23	-	SEP
	# OBS	-	-	-	163	732	716	837	789	716	689	94	-	4736
1997	MEAN	-	-	-	7.3	9.2	7.3	7.8	8.4	12.7	13.8	-	-	9.7
	MAXIMUM	-	-	-	22.2	29.4	18.5	26.6	18.9	31.9	34.4	-	-	34.4
	DAY-HR	-	-	-	30-06	09-15	25-19	02-17	15-08	24-19	09-18	-	-	OCT
	MINIMUM	-	-	-	0.0	0.0	0.0	0.0	0.0	0.4	0.0	-	-	0.0
	DAY-HR	-	-	-	26-12	22-22	06-13	24-10	18-20	18-19	16-21	-	-	OCT
	# OBS	-	-	-	299	733	709	725	731	714	685	-	-	4596
1998	MEAN	-	-	-	10.0	9.6	8.6	9.4	10.1	13.0	16.5	-	-	10.8
	MAXIMUM	-	-	-	26.0	25.3	19.2	26.4	25.1	26.0	37.5	-	-	37.5
	DAY-HR	-	-	-	13-01	17-02	02-23	21-19	17-12	30-22	18-12	-	-	OCT
	MINIMUM	-	-	-	0.6	0.2	0.8	0.0	0.0	0.2	0.6	-	-	0.0
	DAY-HR	-	-	-	20-04	11-05	10-07	07-06	22-12	04-22	10-18	-	-	AUG
	# OBS	-	-	-	614	707	687	726	781	711	503	-	-	4729
1999	MEAN	-	-	-	-	12.1	8.6	8.5	9.4	12.5	14.5	18.0	-	10.5
	MAXIMUM	-	-	-	-	25.3	22.2	20.0	26.6	26.4	29.7	35.0	-	35.0
	DAY-HR	-	-	-	-	25-12	05-16	06-17	16-02	30-23	12-14	01-21	-	NOV
	MINIMUM	-	-	-	-	1.0	0.2	0.2	0.0	0.0	0.2	7.2	-	0.0
	DAY-HR	-	-	-	-	29-14	30-03	19-04	19-03	16-06	09-15	04-07	-	SEP
	# OBS	-	-	-	-	216	715	737	730	714	269	127	-	3508
2000	MEAN	-	-	-	11.9	8.8	9.9	8.1	9.5	12.7	13.0	16.3	-	10.8
	MAXIMUM	-	-	-	34.0	25.3	25.9	22.4	26.8	30.1	29.7	31.3	-	34.0
	DAY-HR	-	-	-	09-18	08-18	10-22	17-14	16-05	21-07	14-15	03-12	-	APR
	MINIMUM	-	-	-	0.0	0.2	0.0	0.2	0.0	1.0	0.8	2.7	-	0.0
	DAY-HR	-	-	-	25-16	20-10	04-21	03-20	18-03	12-01	16-10	04-22	-	AUG
	# OBS	-	-	-	599	738	720	741	742	701	741	222	-	5204
2001	MEAN	-	-	-	12.5	10.8	9.3	8.1	9.4	11.3	14.5	14.3	-	11.0
	MAXIMUM	-	-	-	31.1	24.7	17.1	20.0	24.1	25.3	33.2	24.1	-	33.2
	DAY-HR	-	-	-	22-01	16-07	26-20	01-09	30-10	24-03	26-08	02-07	-	OCT
	MINIMUM	-	-	-	1.2	0.4	1.2	0.0	0.2	0.0	1.2	2.3	-	0.0
	DAY-HR	-	-	-	28-06	13-01	24-20	27-03	20-17	06-18	22-20	05-02	-	SEP
	# OBS	-	-	-	296	539	193	744	743	719	743	127	-	4104
POR	MEAN	13.7	11.7	11.2	10.6	8.8	8.2	7.7	8.3	11.0	12.5	13.4	14.0	9.9
	MAXIMUM	27.2	26.6	22.0	34.0	29.4	30.7	26.6	32.1	36.9	37.5	35.0	28.4	37.5
	YEAR	1988	1987	1987	2000	1997	1994	1997	1995	1985	1998	1999	1986	OCT/1998
	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	1987	1987	1987	2000	1997	2000	2001	2000	2001	1997	1987	1986	SEP/2001
	# OBS	1228	671	742	4863	12776	14367	15633	16574	15654	15005	6644	1211	105368

STATION: 45001 -- POR (10/1979 - 11/2001)

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
1979	MEAN	-	-	-	-	-	-	-	-	-	17.0	19.2	23.5	19.3
	MAXIMUM	-	-	-	-	-	-	-	-	-	47.6	44.1	41.4	47.6
	DAY-HR	-	-	-	-	-	-	-	-	-	23-03	16-19	03-15	OCT
	# OBS	-	-	-	-	-	-	-	-	-	737	720	403	1860
1980	MEAN	-	-	-	12.5	11.0	10.9	9.8	11.0	18.4	19.8	17.9	-	14.0
	MAXIMUM	-	-	-	18.1	27.4	31.3	23.7	28.2	41.8	40.2	37.3	-	41.8
	DAY-HR	-	-	-	25-22	11-10	13-08	15-06	21-07	04-18	26-05	08-23	-	SEP
	# OBS	-	-	-	122	743	716	735	741	712	739	589	-	5097
1981	MEAN	-	-	-	-	9.7	10.3	7.4	8.2	14.2	15.5	15.1	-	11.1
	MAXIMUM	-	-	-	-	24.9	31.7	19.8	23.7	36.7	45.1	32.1	-	45.1
	DAY-HR	-	-	-	-	30-05	18-04	31-14	15-18	27-02	18-12	08-16	-	OCT
	# OBS	-	-	-	-	311	712	744	743	636	688	253	-	4087

1982	MEAN	-	-	-	-	9.7	9.0	8.4	8.8	12.8	15.1	16.9	-	11.2
	MAXIMUM	-	-	-	-	27.2	25.7	26.4	25.3	35.8	42.4	44.3	-	44.3
	DAY-HR	-	-	-	-	11-02	10-17	11-17	27-08	29-03	20-14	12-18	-	NOV
	# OBS	-	-	-	-	579	720	740	741	719	743	402	-	4644
1983	MEAN	-	-	-	9.2	11.6	8.7	8.2	8.3	14.8	14.1	14.8	-	11.3
	MAXIMUM	-	-	-	24.7	32.5	24.3	31.5	27.2	32.9	37.7	31.1	-	37.7
	DAY-HR	-	-	-	27-19	04-18	06-20	04-16	10-23	11-03	14-12	03-01	-	OCT
	# OBS	-	-	-	222	740	534	740	741	714	741	400	-	4832
1984	MEAN	-	-	-	-	9.4	9.5	9.0	7.5	10.9	13.7	18.1	-	10.8
	MAXIMUM	-	-	-	-	24.5	28.8	22.0	20.6	27.0	37.1	37.9	-	37.9
	DAY-HR	-	-	-	-	19-02	09-00	23-03	30-21	07-12	28-07	02-08	-	NOV
	# OBS	-	-	-	-	500	718	738	743	393	741	467	-	4300
1985	MEAN	-	-	-	-	-	-	4.0	8.3	12.5	16.3	19.3	-	12.5
	MAXIMUM	-	-	-	-	-	-	7.8	33.0	46.7	44.7	29.2	-	46.7
	DAY-HR	-	-	-	-	-	-	31-11	13-03	24-13	01-00	03-00	-	SEP
	# OBS	-	-	-	-	-	-	26	739	683	718	98	-	2264
1986	MEAN	-	-	-	-	13.3	13.1	-	14.1	14.2	15.7	20.7	19.7	16.9
	MAXIMUM	-	-	-	-	31.5	21.0	-	31.9	35.8	42.8	48.0	40.2	48.0
	DAY-HR	-	-	-	-	05-17	21-08	-	23-07	13-05	06-00	09-02	22-16	NOV
	# OBS	-	-	-	-	330	58	-	216	714	742	717	743	3520
1987	MEAN	19.2	17.1	16.2	13.0	11.9	10.8	11.3	13.5	13.9	17.6	18.6	-	15.0
	MAXIMUM	36.4	47.8	37.3	35.2	41.8	25.1	27.8	48.0	30.9	49.6	44.9	-	49.6
	DAY-HR	20-19	08-06	03-03	27-19	22-05	04-18	10-00	03-11	30-07	02-13	17-21	-	OCT
	# OBS	736	671	742	712	288	719	743	743	682	742	717	-	7495
1988	MEAN	24.6	-	-	-	10.5	12.9	10.0	12.6	15.9	-	9.8	-	14.4
	MAXIMUM	47.2	-	-	-	20.4	33.0	26.0	36.0	36.5	-	18.5	-	47.2
	DAY-HR	12-17	-	-	-	29-12	25-14	15-15	06-04	04-16	-	01-06	-	JAN
	# OBS	493	-	-	-	105	720	740	732	719	-	7	-	3516
1989	MEAN	-	-	-	11.1	8.4	9.5	6.5	8.8	12.3	14.4	20.2	14.9	11.4
	MAXIMUM	-	-	-	26.2	30.5	27.4	22.7	22.4	37.9	35.2	39.5	22.7	39.5
	DAY-HR	-	-	-	29-12	05-18	07-20	18-03	02-03	23-01	02-13	11-18	01-21	NOV
	# OBS	-	-	-	126	731	718	737	738	714	740	715	23	5242
1990	MEAN	-	-	-	13.6	10.6	9.9	8.1	8.9	12.5	14.6	19.0	22.5	12.1
	MAXIMUM	-	-	-	39.1	35.8	37.3	24.5	25.5	34.4	46.7	38.9	30.1	46.7
	DAY-HR	-	-	-	28-02	10-15	03-17	08-13	18-13	23-00	18-01	22-10	01-23	OCT
	# OBS	-	-	-	358	731	710	737	742	712	735	713	42	5480
1991	MEAN	-	-	-	-	10.1	8.8	9.2	9.8	14.2	-	-	-	10.2
	MAXIMUM	-	-	-	-	30.9	33.2	26.8	28.8	42.2	-	-	-	42.2
	DAY-HR	-	-	-	-	06-17	26-15	17-05	31-00	18-20	-	-	-	SEP
	# OBS	-	-	-	-	671	714	740	739	522	-	-	-	3386
1992	MEAN	-	-	-	14.1	11.7	9.1	8.8	10.1	15.1	14.0	20.7	-	12.1
	MAXIMUM	-	-	-	40.6	32.7	32.1	24.9	29.4	46.1	43.5	44.7	-	46.1
	DAY-HR	-	-	-	12-03	07-11	17-11	20-07	30-19	28-14	16-16	02-15	-	SEP
	# OBS	-	-	-	534	739	720	743	740	714	740	180	-	5110
1993	MEAN	-	-	-	14.3	10.7	9.7	9.9	9.2	15.8	18.9	16.5	-	12.6
	MAXIMUM	-	-	-	36.4	30.7	25.1	28.4	22.7	40.6	43.7	28.8	-	43.7
	DAY-HR	-	-	-	16-10	24-12	08-11	04-19	31-02	30-21	21-12	03-05	-	OCT
	# OBS	-	-	-	404	741	716	738	741	716	742	69	-	4867
1994	MEAN	-	-	-	-	10.4	9.0	8.6	10.6	10.9	15.7	-	-	10.5
	MAXIMUM	-	-	-	-	43.9	41.4	26.6	32.7	39.7	29.7	-	-	43.9
	DAY-HR	-	-	-	-	31-00	17-14	01-06	28-10	25-15	09-12	-	-	MAY
	# OBS	-	-	-	-	645	707	725	726	580	400	-	-	3783
1995	MEAN	-	-	-	12.0	10.6	8.9	9.2	11.3	14.8	18.7	-	-	12.1
	MAXIMUM	-	-	-	30.9	29.0	31.3	24.1	38.9	41.6	47.2	-	-	47.2
	DAY-HR	-	-	-	18-21	17-09	07-09	24-22	30-22	06-23	21-05	-	-	OCT
	# OBS	-	-	-	409	740	717	737	740	711	660	-	-	4714
1996	MEAN	-	-	-	17.7	9.1	8.9	10.1	10.0	11.4	17.5	27.0	-	11.6
	MAXIMUM	-	-	-	41.4	29.2	20.4	24.7	36.0	33.8	44.9	39.7	-	44.9
	DAY-HR	-	-	-	26-02	17-22	02-21	22-23	14-08	27-06	31-02	01-00	-	OCT
	# OBS	-	-	-	163	731	716	837	789	716	689	94	-	4735
1997	MEAN	-	-	-	8.6	10.7	8.5	8.9	9.7	15.0	16.8	-	-	11.4
	MAXIMUM	-	-	-	26.6	36.5	21.6	31.9	22.9	38.9	45.9	-	-	45.9
	DAY-HR	-	-	-	29-15	09-13	25-19	02-17	16-14	24-19	09-17	-	-	OCT
	# OBS	-	-	-	299	733	709	725	731	714	685	-	-	4596
1998	MEAN	-	-	-	11.7	11.0	9.8	11.0	11.9	15.6	20.1	-	-	12.7
	MAXIMUM	-	-	-	31.3	30.5	23.3	31.5	28.6	33.0	45.1	-	-	45.1
	DAY-HR	-	-	-	13-10	13-04	02-23	21-19	17-14	11-22	18-12	-	-	OCT

	# OBS	-	-	-	614	707	687	726	781	711	503	-	-	4729
1999	MEAN	-	-	-	-	14.1	9.9	9.7	11.1	14.9	17.9	22.0	-	12.4
	MAXIMUM	-	-	-	-	31.1	27.8	27.8	31.3	31.5	37.3	43.0	-	43.0
	DAY-HR	-	-	-	-	25-12	05-16	24-02	16-02	30-23	02-21	01-21	-	NOV
	# OBS	-	-	-	-	216	715	737	729	714	269	127	-	3507
2000	MEAN	-	-	-	14.3	10.3	11.4	9.2	11.1	15.0	15.6	19.8	-	12.7
	MAXIMUM	-	-	-	41.2	31.7	33.0	25.9	33.6	35.2	35.6	43.0	-	43.0
	DAY-HR	-	-	-	09-20	08-18	20-18	17-14	16-05	21-07	14-15	03-11	-	NOV
	# OBS	-	-	-	599	738	720	741	742	701	741	222	-	5204
2001	MEAN	-	-	-	14.6	12.5	10.6	9.3	10.9	13.6	17.6	17.1	-	12.9
	MAXIMUM	-	-	-	39.9	30.1	19.8	24.7	28.0	31.9	43.7	29.4	-	43.7
	DAY-HR	-	-	-	22-00	11-01	30-05	30-18	30-10	24-03	26-18	02-20	-	OCT
	# OBS	-	-	-	296	539	194	744	741	715	743	127	-	4099
POR	MEAN	21.4	17.1	16.2	12.9	10.7	9.8	9.1	10.1	14.1	16.4	18.8	21.0	12.5
	MAXIMUM	47.2	47.8	37.3	41.4	43.9	41.4	31.9	48.0	46.7	49.6	48.0	41.4	49.6
	YEAR	1988	1987	1987	1996	1994	1994	1997	1987	1985	1987	1986	1979	OCT/1987
	# OBS	1229	671	742	4858	12258	13640	14873	15818	14912	14238	6617	1211	101067

STATION: 45001 -- POR (4/1996 - 11/2001)

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
1996	MEAN	-	-	-	19.2	10.7	10.3	11.6	11.3	12.9	40.0	28.7	-	12.1
	MAXIMUM	-	-	-	44.9	65.9	23.3	25.7	36.0	36.2	40.0	42.2	-	65.9
	DAY-HR	-	-	-	26-01	18-08	01-23	08-11	14-07	27-07	31-23	01-00	-	MAY
	MINIMUM	-	-	-	3.3	1.6	1.7	3.5	2.7	1.0	40.0	20.2	-	1.0
	DAY-HR	-	-	-	24-21	27-19	08-14	04-08	29-20	19-19	31-23	02-22	-	SEP
	# OBS	-	-	-	164	777	716	814	788	714	1	92	-	4066
1997	MEAN	-	-	-	9.3	12.1	10.2	10.4	10.9	16.6	18.5	-	-	12.8
	MAXIMUM	-	-	-	28.6	36.7	23.3	35.8	24.1	40.6	45.9	-	-	45.9
	DAY-HR	-	-	-	29-14	09-13	28-09	02-17	16-14	24-17	09-16	-	-	OCT
	MINIMUM	-	-	-	1.4	1.4	2.3	1.7	1.9	3.3	1.2	-	-	1.2
	DAY-HR	-	-	-	20-09	16-22	04-02	24-09	18-20	12-09	16-20	-	-	OCT
	# OBS	-	-	-	276	708	708	725	731	714	684	-	-	4546
1998	MEAN	-	-	-	12.8	12.5	11.1	12.4	13.4	17.1	21.8	-	-	14.1
	MAXIMUM	-	-	-	34.2	33.6	25.7	36.9	32.7	33.0	45.1	-	-	45.1
	DAY-HR	-	-	-	13-10	13-07	24-20	21-20	17-04	11-21	18-11	-	-	OCT
	MINIMUM	-	-	-	1.6	1.4	2.7	1.6	2.7	1.7	4.9	-	-	1.4
	DAY-HR	-	-	-	27-17	24-15	27-18	01-16	21-21	18-22	08-18	-	-	MAY
	# OBS	-	-	-	615	707	687	725	781	712	501	-	-	4728
1999	MEAN	-	-	-	-	18.8	14.7	13.8	14.2	16.7	19.7	24.1	-	15.8
	MAXIMUM	-	-	-	-	31.9	27.8	34.0	32.5	36.7	38.3	46.3	-	46.3
	DAY-HR	-	-	-	-	25-15	05-15	04-20	16-02	30-23	12-14	01-20	-	NOV
	MINIMUM	-	-	-	-	4.3	7.8	5.4	1.6	1.9	3.9	12.4	-	1.6
	DAY-HR	-	-	-	-	29-14	13-12	14-21	19-09	16-07	01-19	04-21	-	AUG
	# OBS	-	-	-	-	217	715	737	727	714	269	126	-	3505
2000	MEAN	-	-	4.5	14.3	12.0	13.1	10.6	12.5	16.7	17.1	21.3	-	14.0
	MAXIMUM	-	-	4.5	41.8	37.9	33.4	33.8	35.0	37.9	39.9	43.0	-	43.0
	DAY-HR	-	-	31-23	09-18	08-17	11-03	02-01	16-03	21-08	14-14	03-11	-	NOV
	MINIMUM	-	-	4.5	0.0	2.3	1.7	2.3	1.7	3.1	2.3	4.5	-	0.0
	DAY-HR	-	-	31-23	02-01	20-09	04-19	30-04	11-12	05-15	16-09	04-21	-	APR
	# OBS	-	-	1	696	738	720	740	742	701	738	222	-	5298
2001	MEAN	-	-	-	16.6	14.1	12.1	10.9	12.2	14.9	19.2	18.7	-	14.5
	MAXIMUM	-	-	-	39.9	30.1	21.4	31.1	40.6	32.9	43.5	32.3	-	43.5
	DAY-HR	-	-	-	21-23	11-00	30-05	04-21	01-12	24-02	26-17	02-06	-	OCT
	MINIMUM	-	-	-	2.1	2.3	5.2	2.5	1.7	2.7	2.9	2.7	-	1.7
	DAY-HR	-	-	-	28-05	12-12	27-04	26-20	20-16	28-23	22-19	05-01	-	AUG
	# OBS	-	-	-	277	538	194	743	742	713	742	125	-	4074
POR	MEAN	-	-	4.5	13.9	12.5	11.9	11.6	12.4	15.8	19.0	22.6	-	13.8
	MAXIMUM	-	-	4.5	44.9	65.9	33.4	36.9	40.6	40.6	45.9	46.3	-	65.9
	YEAR	-	-	2000	1996	1996	2000	1998	2001	1997	1997	1999	-	MAY/1996
	MINIMUM	-	-	4.5	0.0	1.4	1.7	1.6	1.6	1.0	1.2	2.7	-	0.0
	YEAR	-	-	2000	2000	1998	2000	1998	1999	1996	1997	2001	-	APR/2000
	# OBS	-	-	1	2028	3685	3740	4484	4511	4268	2935	565	-	26217

STATION: 45001 -- POR (5/1979 - 11/2001)

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
1979	MEAN	-	-	-	-	0.6	0.6	0.4	0.6	1.0	1.2	1.6	1.9	0.9
	MAXIMUM	-	-	-	-	2.7	2.6	1.3	2.5	2.7	4.3	4.6	4.6	4.6
	DAY-HR	-	-	-	-	18-01	26-09	15-22	14-05	10-15	23-05	02-08	03-19	DEC
	# OBS	-	-	-	-	669	714	739	739	692	728	714	357	5352
1980	MEAN	-	-	-	0.6	0.6	0.6	0.4	0.7	1.3	1.5	1.3	-	0.9
	MAXIMUM	-	-	-	1.2	2.0	2.1	1.4	2.5	4.3	4.3	3.6	-	4.3
	DAY-HR	-	-	-	27-14	11-11	28-16	18-23	22-00	04-19	23-23	09-03	-	OCT
	# OBS	-	-	-	122	742	715	739	728	703	740	563	-	5052
1981	MEAN	-	-	-	-	0.5	0.7	0.3	0.5	1.1	1.3	1.2	-	0.8
	MAXIMUM	-	-	-	-	2.2	3.1	1.3	1.5	5.3	4.7	3.7	-	5.3
	DAY-HR	-	-	-	-	30-07	18-23	20-22	15-20	27-18	18-14	10-12	-	SEP
	# OBS	-	-	-	-	311	715	743	742	672	717	264	-	4164
1982	MEAN	-	-	-	-	0.6	0.5	0.4	0.5	1.0	1.4	-	-	0.6
	MAXIMUM	-	-	-	-	2.9	2.2	1.9	1.8	2.9	3.1	-	-	3.1
	DAY-HR	-	-	-	-	10-22	10-20	07-22	27-15	29-05	07-09	-	-	OCT
	# OBS	-	-	-	-	573	719	740	740	709	152	-	-	3633
1983	MEAN	-	-	-	0.6	0.8	0.5	0.5	0.6	1.2	1.2	1.3	-	0.8
	MAXIMUM	-	-	-	2.1	2.7	1.8	3.3	2.3	3.5	3.9	3.1	-	3.9
	DAY-HR	-	-	-	27-21	04-17	06-20	04-19	08-04	11-11	14-17	10-09	-	OCT
	# OBS	-	-	-	222	739	535	742	739	711	741	396	-	4825
1984	MEAN	-	-	-	-	0.6	0.6	0.4	0.5	0.9	1.2	1.8	-	0.8
	MAXIMUM	-	-	-	-	1.9	3.2	1.6	1.9	3.0	4.9	4.6	-	4.9
	DAY-HR	-	-	-	-	12-09	09-03	15-23	31-00	07-20	28-10	02-12	-	OCT
	# OBS	-	-	-	-	500	684	731	741	391	735	463	-	4245
1985	MEAN	-	-	-	-	-	-	0.0	0.5	0.9	1.1	1.3	1.5	1.1
	MAXIMUM	-	-	-	-	-	-	0.1	2.9	4.7	4.7	3.9	5.0	5.0
	DAY-HR	-	-	-	-	-	-	31-19	18-23	24-16	01-00	19-06	02-05	DEC
	# OBS	-	-	-	-	-	-	26	740	693	712	680	740	3591
1986	MEAN	1.5	0.6	-	-	0.4	0.5	0.3	0.5	0.8	0.9	1.5	1.4	0.9
	MAXIMUM	4.7	1.6	-	-	2.0	1.6	1.3	1.8	2.9	3.7	5.7	4.0	5.7
	DAY-HR	25-04	06-07	-	-	07-03	11-17	24-17	23-12	27-14	12-16	09-06	22-20	NOV
	# OBS	736	273	-	-	502	506	741	348	705	738	716	742	6007
1987	MEAN	1.2	1.0	0.9	0.5	0.5	0.3	0.4	0.7	0.7	1.1	1.2	1.2	0.8
	MAXIMUM	2.9	4.4	3.2	2.7	3.7	1.1	1.5	2.2	1.8	4.5	4.1	4.6	4.6
	DAY-HR	11-17	08-12	01-16	01-19	22-07	11-15	17-15	18-00	30-12	02-14	19-09	27-01	DEC
	# OBS	737	668	741	706	738	711	742	715	678	742	717	743	8638
1988	MEAN	1.6	1.0	-	-	0.2	0.4	0.2	0.5	0.9	1.2	1.6	1.7	1.0
	MAXIMUM	4.3	2.5	-	-	0.7	2.0	1.0	2.9	2.8	4.7	5.4	4.4	5.4
	DAY-HR	12-17	07-03	-	-	29-11	15-15	31-23	06-05	04-17	28-16	06-08	23-06	NOV
	# OBS	741	225	-	-	92	670	611	680	713	741	707	714	5894
1989	MEAN	-	-	-	0.5	0.3	0.4	0.1	0.4	0.7	0.9	1.5	0.7	0.6
	MAXIMUM	-	-	-	1.9	2.7	1.9	0.6	1.8	3.2	3.1	4.3	1.0	4.3
	DAY-HR	-	-	-	29-13	05-22	08-05	27-23	30-07	23-07	02-15	29-19	01-22	NOV
	# OBS	-	-	-	122	717	704	723	735	710	738	712	22	5183
1990	MEAN	-	-	-	0.8	0.5	0.4	0.2	0.3	0.7	1.0	1.4	1.7	0.7
	MAXIMUM	-	-	-	3.0	3.0	2.8	1.3	1.4	2.9	5.1	4.3	2.2	5.1
	DAY-HR	-	-	-	17-08	10-17	03-15	08-15	18-17	23-03	18-08	22-14	02-01	OCT
	# OBS	-	-	-	356	735	711	736	741	709	729	703	40	5460
1991	MEAN	-	-	-	-	0.4	0.3	0.3	0.4	1.1	1.1	-	-	0.6
	MAXIMUM	-	-	-	-	2.2	2.0	1.7	2.1	4.7	3.7	-	-	4.7
	DAY-HR	-	-	-	-	06-20	26-19	23-22	31-10	23-02	06-01	-	-	SEP
	# OBS	-	-	-	-	662	711	736	738	719	645	-	-	4211
1992	MEAN	-	-	-	0.8	0.6	0.3	0.3	0.4	1.0	0.8	1.6	-	0.6
	MAXIMUM	-	-	-	3.6	2.8	2.1	1.9	1.9	4.1	3.9	4.9	-	4.9
	DAY-HR	-	-	-	21-16	01-14	17-13	04-18	30-20	28-16	16-18	02-19	-	NOV
	# OBS	-	-	-	543	739	720	742	740	711	738	177	-	5110
1993	MEAN	-	-	-	0.8	0.5	0.4	0.4	0.3	0.9	1.2	1.0	-	0.6
	MAXIMUM	-	-	-	3.0	2.3	1.5	1.7	1.2	3.5	3.7	2.1	-	3.7
	DAY-HR	-	-	-	16-16	28-03	24-20	04-23	09-19	30-23	21-19	02-23	-	OCT
	# OBS	-	-	-	402	741	714	738	738	716	742	69	-	4860

> 48	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.4	4.6	3.0	8.9	10.9	7.7	9.4	13.6	9.8	4.3	9.8	8.2	9.2	100.0		
TOTAL N	3	31	20	60	73	52	63	91	66	29	66	55	62		671	

(* < 0.05%)

STATION: 45001

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

Month: MAR

WIND SPEED	CALM	WIND DIRECTION												TOT %	TOT N
		35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
0	0.4	-	-	-	0.1	0.3	-	-	-	-	-	-	-	0.8	6
1 - 3		0.1	-	0.4	0.4	0.4	0.8	0.5	0.1	0.1	0.3	0.3	0.1	3.6	27
4 - 6		0.9	0.3	0.4	1.1	0.8	1.2	0.5	0.3	0.1	0.8	0.5	1.3	8.4	62
7 - 10		2.4	1.1	1.1	3.8	5.5	5.8	5.4	1.9	0.7	1.6	1.3	1.3	31.9	237
11 - 15		4.6	1.8	2.6	4.0	5.5	5.0	4.9	1.3	1.2	1.8	1.1	4.9	38.5	286
16 - 20		2.0	2.0	3.9	2.0	-	-	1.2	0.1	0.8	0.3	0.1	3.8	16.3	121
21 - 24		0.1	-	0.1	0.1	-	-	-	-	-	-	-	-	0.4	3
25 - 33		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
34 - 47		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.4	10.2	5.1	8.5	11.6	12.5	12.8	12.5	3.8	3.0	4.7	3.4	11.5	100.0	
TOTAL N	3	76	38	63	86	93	95	93	28	22	35	25	85		742

(* < 0.05%)

STATION: 45001

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	0.3	0.1	*	-	*	-	-	0.1	*	-	0.1	*	-	0.7	33
1 - 3		0.4	0.7	0.8	0.8	0.8	0.5	0.5	0.8	0.7	0.7	0.6	0.6	8.0	390
4 - 6		1.8	1.3	1.3	1.4	1.6	1.6	1.7	1.5	1.6	1.2	1.9	1.3	18.3	888
7 - 10		2.7	3.3	3.1	1.8	2.8	3.5	2.3	2.2	2.0	1.9	1.7	2.2	29.5	1435
11 - 15		2.1	3.6	3.3	1.4	2.1	3.0	1.2	1.5	1.7	1.3	1.2	1.4	23.9	1161
16 - 20		1.2	2.1	2.9	0.7	1.2	1.4	0.5	0.3	0.7	0.4	0.7	0.8	13.0	631
21 - 24		0.3	0.6	1.0	0.1	0.3	0.5	0.1	0.1	*	0.1	0.2	0.6	3.9	191
25 - 33		0.5	0.5	0.5	0.1	*	0.2	-	-	-	-	0.2	0.7	2.7	133
34 - 47		-	-	-	-	-	-	-	-	-	-	*	-	0.0	1
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.3	9.1	12.1	12.9	6.4	8.9	10.7	6.4	6.1	7.0	5.7	6.6	7.8	100.0	
TOTAL N	16	441	588	628	310	433	520	311	299	339	278	322	378		4863

(* < 0.05%)

STATION: 45001

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	0.4	0.1	*	*	*	*	*	0.1	*	*	*	*	*	0.8	107
1 - 3		0.7	0.8	1.0	0.8	0.8	0.8	0.9	0.9	0.7	1.0	0.7	0.6	9.7	1237
4 - 6		1.8	2.0	2.3	2.1	2.3	2.3	2.2	2.0	2.3	2.6	2.1	1.9	25.9	3303
7 - 10		1.8	2.2	2.5	2.8	3.6	3.9	2.5	2.4	3.9	3.2	2.1	2.2	33.1	4235
11 - 15		1.1	1.5	1.9	1.1	2.8	2.5	1.2	1.4	3.2	1.3	0.9	1.6	20.5	2614
16 - 20		0.8	0.9	0.6	0.4	1.3	0.8	0.3	0.3	0.7	0.6	0.3	0.7	7.7	979
21 - 24		0.3	0.3	0.2	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.3	2.0	258
25 - 33		0.1	*	*	*	*	*	*	-	*	*	-	0.2	0.3	43
34 - 47		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.4	6.5	7.7	8.5	7.3	11.0	10.4	7.3	7.1	11.1	8.8	6.2	7.5	100.0	
TOTAL N	52	836	986	1086	932	1407	1335	933	909	1416	1128	796	960		12776

(* < 0.05%)

STATION: 45001

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

Month: JUN

WIND SPEED	CALM	WIND DIRECTION												TOT %	TOT N
		35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
0	0.6	0.1	*	*	*	*	*	*	*	*	*	*	*	0.9	129
1 - 3		0.7	0.5	0.6	0.8	0.9	0.9	0.9	0.8	0.9	0.9	0.8	0.7	9.4	1348
4 - 6		1.4	1.4	1.7	2.4	2.8	2.9	2.7	2.3	3.0	2.9	1.9	1.8	27.2	3904
7 - 10		2.0	1.7	2.0	2.6	4.2	4.5	3.4	3.3	6.0	3.5	2.4	2.2	37.8	5425
11 - 15		0.8	0.9	1.0	0.9	2.7	2.5	1.6	2.0	4.5	1.4	1.3	1.1	20.6	2956

1 - 3	0.3	0.3	0.3	0.4	0.4	0.4	0.6	0.4	0.5	0.5	0.4	0.3	4.8	721
4 - 6	0.9	0.7	0.8	0.9	1.0	1.2	1.2	1.1	1.2	1.0	0.8	1.0	11.9	1779
7 - 10	1.6	1.2	1.1	1.3	2.0	3.0	2.7	2.4	2.6	1.8	1.8	1.8	23.2	3482
11 - 15	2.1	1.9	1.4	1.3	2.4	4.1	3.1	2.5	3.8	2.2	2.3	2.9	30.0	4507
16 - 20	1.7	1.4	1.2	0.5	1.4	2.4	1.1	0.8	1.9	1.4	2.2	3.2	19.2	2874
21 - 24	0.9	0.8	0.4	0.1	0.4	0.6	0.1	0.2	0.6	0.5	1.0	1.1	6.7	1006
25 - 33	0.5	0.3	0.2	0.1	0.4	0.2	*	*	0.3	0.4	0.5	0.6	3.5	519
34 - 47	*	0.1	*	-	-	-	-	*	*	*	*	*	0.2	28
> 48	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.4	8.1	6.7	5.4	4.5	8.0	12.0	8.9	7.5	10.7	7.8	9.1	10.9	100.0
TOTAL N	56	1212	1003	808	679	1205	1794	1338	1119	1608	1177	1365	1641	15005

(* < 0.05%)

STATION: 45001

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

Month: NOV

WIND SPEED	CALM	WIND DIRECTION												TOT %	TOT N
		35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
0	0.2	-	*	*	*	*	-	*	*	*	0.1	*	*	0.5	34
1 - 3	0.5	0.3	0.4	0.2	0.3	0.2	0.4	0.3	0.3	0.5	0.3	0.4	4.0	268	
4 - 6	0.9	0.7	0.5	0.6	0.5	0.6	0.8	0.7	0.7	0.6	0.7	0.7	8.0	530	
7 - 10	2.4	1.8	1.1	1.0	0.9	1.5	2.5	1.7	1.7	1.8	2.1	1.9	20.5	1363	
11 - 15	3.7	3.1	0.8	0.5	1.6	2.8	2.7	2.4	2.1	3.0	4.6	4.2	31.5	2095	
16 - 20	2.6	1.4	0.6	0.5	0.9	1.6	1.1	1.9	2.0	2.5	4.6	3.9	23.6	1571	
21 - 24	0.9	0.2	0.1	0.2	0.6	0.3	0.2	0.4	1.2	1.2	1.8	1.1	8.1	539	
25 - 33	0.2	*	-	0.3	0.2	0.1	*	0.1	0.7	0.7	0.5	0.8	3.6	241	
34 - 47	-	-	-	*	-	-	-	-	*	-	-	-	0.0	3	
> 48	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0	
TOTAL %	0.2	11.2	7.7	3.5	3.3	5.0	7.1	7.8	7.4	8.7	10.5	14.7	13.0	100.0	
TOTAL N	14	746	509	230	219	330	469	518	494	579	697	975	864	6644	

(* < 0.05%)

STATION: 45001

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	0.1	-	-	-	-	-	-	-	-	0.1	-	-	0.1	0.2	3
1 - 3	0.4	0.2	0.2	0.6	0.1	0.1	0.2	0.2	0.5	0.6	0.1	0.6	3.8	46	
4 - 6	0.7	0.3	-	0.2	0.2	0.3	0.1	0.2	0.7	0.8	0.4	0.5	4.5	54	
7 - 10	1.6	1.6	0.7	0.7	0.8	0.7	0.6	1.3	3.0	2.2	2.1	3.5	18.8	228	
11 - 15	1.9	3.1	1.0	0.2	0.4	2.4	3.1	3.2	4.7	3.7	3.9	5.3	33.0	400	
16 - 20	1.3	0.5	0.2	-	0.4	0.9	1.9	2.8	2.8	4.2	6.7	5.4	27.1	328	
21 - 24	-	-	-	-	-	0.2	0.6	0.4	1.6	3.9	2.1	1.7	10.5	127	
25 - 33	-	-	-	-	-	-	-	-	0.4	1.4	0.1	0.2	2.1	25	
34 - 47	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0	
> 48	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0	
TOTAL %	0.1	5.9	5.8	2.1	1.7	1.9	4.7	6.5	8.3	13.7	16.8	15.3	17.2	100.0	
TOTAL N	1	72	70	25	21	23	57	79	100	166	204	185	208	1211	

(* < 0.05%)

STATION: 45001

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

All Months: Annual

WIND SPEED	CALM	WIND DIRECTION												TOT %	TOT N
		35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
0	0.5	*	*	*	*	*	*	0.1	*	*	*	*	0.8	878	
1 - 3	0.6	0.5	0.5	0.6	0.7	0.7	0.8	0.7	0.7	0.8	0.7	0.6	7.9	8370	
4 - 6	1.3	1.2	1.3	1.5	1.8	2.1	2.1	2.0	2.3	2.0	1.6	1.4	20.7	21790	
7 - 10	1.8	1.7	1.6	1.8	2.8	3.7	3.3	3.1	4.5	3.0	2.3	2.1	31.7	33376	
11 - 15	1.5	1.4	1.3	0.9	2.0	3.1	2.2	2.3	3.7	2.0	1.8	2.0	24.4	25658	
16 - 20	0.9	0.8	0.7	0.3	0.8	1.1	0.6	0.6	1.3	0.9	1.1	1.3	10.4	10996	
21 - 24	0.3	0.3	0.2	0.1	0.2	0.2	0.1	0.1	0.3	0.3	0.3	0.4	2.9	3024	
25 - 33	0.1	0.1	0.1	*	0.1	0.1	*	*	0.1	0.1	0.1	0.3	1.2	1238	
34 - 47	*	*	*	*	-	-	-	*	*	*	*	*	0.0	37	
> 48	-	-	-	-	-	-	-	-	-	*	-	-	0.0	1	
TOTAL %	0.5	6.7	6.2	5.6	5.3	8.4	11.1	9.1	8.9	13.1	9.1	8.0	8.1	100.0	
TOTAL N	514	7036	6484	5889	5579	8882	11699	9590	9385	13794	9627	8379	8510	105368	

(* < 0.05%)

STATION: 45001

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

Months: DEC, JAN, FEB (Winter)

WIND SPEED	CALM	WIND DIRECTION												TOT %	TOT N	
		35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34			
0	0.2	-	-	-	*	-	*	-	-	-	*	*	*	0.1	0.4	13
1 - 3		0.4	0.1	0.2	0.3	0.2	0.2	0.3	0.2	0.3	0.5	0.4	0.5	3.6	112	
4 - 6		0.6	0.4	0.6	0.4	0.3	0.4	0.6	0.7	0.5	0.6	0.6	0.5	6.2	192	
7 - 10		1.3	1.4	1.4	1.0	1.2	1.3	1.4	2.1	1.8	1.8	2.3	2.3	19.4	602	
11 - 15		2.1	1.8	1.5	1.6	1.2	2.7	3.1	2.6	3.2	4.4	5.5	5.5	35.3	1097	
16 - 20		2.1	0.3	0.5	0.7	0.5	0.9	1.3	2.2	3.6	4.4	5.2	4.6	26.3	819	
21 - 24		0.6	0.5	*	-	-	-	0.1	0.2	0.2	1.4	2.3	1.1	1.2	7.6	237
25 - 33		0.1	0.2	*	-	-	-	-	-	-	0.2	0.6	*	0.1	1.2	38
34 - 47		-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48		-	-	-	-	-	-	-	-	-	*	-	-	0.0	1	
TOTAL %	0.2	7.2	4.7	4.3	4.0	3.4	5.6	6.9	8.0	10.9	14.9	15.2	14.5	100.0		
TOTAL N	6	225	146	135	125	105	175	216	250	340	462	474	452		3111	

(* < 0.05%)

STATION: 45001

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	0.4	0.1	*	*	*	*	*	0.1	*	*	*	*	*	0.8	146
1 - 3		0.6	0.7	0.9	0.8	0.8	0.7	0.8	0.8	0.7	0.9	0.7	0.6	9.0	1654
4 - 6		1.7	1.8	2.0	1.9	2.0	2.1	2.0	1.8	2.1	2.1	2.0	1.8	23.1	4253
7 - 10		2.1	2.4	2.6	2.5	3.5	3.9	2.6	2.4	3.3	2.8	2.0	2.1	32.1	5907
11 - 15		1.5	2.0	2.3	1.3	2.7	2.7	1.4	1.4	2.7	1.3	1.0	1.7	22.1	4061
16 - 20		0.9	1.3	1.4	0.5	1.2	0.9	0.4	0.3	0.7	0.5	0.4	0.9	9.4	1731
21 - 24		0.3	0.4	0.4	0.1	0.3	0.2	0.1	0.1	0.1	0.1	0.1	0.4	2.5	452
25 - 33		0.2	0.1	0.1	*	*	0.1	*	-	*	*	*	0.3	1.0	176
34 - 47		-	-	-	-	-	-	-	-	-	-	*	-	0.0	1
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.4	7.4	8.8	9.7	7.2	10.5	10.6	7.3	6.7	9.7	7.8	6.2	7.7	100.0	
TOTAL N	71	1353	1612	1777	1328	1933	1950	1337	1236	1777	1441	1143	1423		18381

(* < 0.05%)

STATION: 45001

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

Months: JUN, JUL, AUG (Summer)

WIND SPEED	CALM	WIND DIRECTION												TOT %	TOT N
		35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
0	0.6	0.1	*	*	*	*	*	0.1	*	*	0.1	*	*	1.0	483
1 - 3		0.7	0.7	0.6	0.8	0.9	1.0	1.0	0.9	0.9	1.0	0.9	0.7	10.2	4764
4 - 6		1.5	1.4	1.5	2.0	2.5	3.0	2.9	2.7	3.3	2.8	2.1	1.8	27.3	12724
7 - 10		1.7	1.5	1.5	2.1	3.4	4.4	3.9	3.9	6.6	3.7	2.6	2.1	37.5	17442
11 - 15		0.8	0.7	0.7	0.7	1.8	2.7	1.7	2.5	4.3	1.6	1.2	1.1	19.6	9148
16 - 20		0.2	0.2	0.2	0.1	0.4	0.5	0.2	0.3	0.9	0.2	0.3	0.3	3.8	1760
21 - 24		*	0.1	0.1	*	*	*	*	*	*	*	*	*	0.4	206
25 - 33		*	*	*	*	*	*	*	-	*	*	*	*	0.1	46
34 - 47		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.6	5.0	4.6	4.6	5.6	9.1	11.8	9.7	10.4	16.1	9.4	7.1	6.0	100.0	
TOTAL N	296	2345	2154	2161	2622	4234	5478	4495	4833	7476	4380	3291	2808		46573

(* < 0.05%)

STATION: 45001

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

Months: SEP, OCT, NOV (Autumn)

WIND SPEED	CALM	WIND DIRECTION												TOT %	TOT N
		35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
0	0.4	*	*	*	*	*	*	*	*	*	*	*	*	0.6	236
1 - 3		0.4	0.3	0.3	0.3	0.4	0.4	0.6	0.5	0.5	0.5	0.4	0.3	4.9	1840
4 - 6		1.0	0.8	0.7	0.8	0.9	1.2	1.3	1.2	1.3	1.1	1.1	1.0	12.4	4621
7 - 10		1.9	1.5	1.2	1.3	1.9	2.9	3.1	2.5	2.8	2.3	1.9	1.9	25.3	9425
11 - 15		2.3	2.0	1.4	1.0	2.1	3.9	3.3	2.6	3.5	2.7	2.7	2.9	30.4	11352
16 - 20		1.7	1.3	0.9	0.4	1.1	2.0	1.1	1.1	2.0	1.5	2.1	2.6	17.9	6686
21 - 24		0.7	0.6	0.3	0.1	0.3	0.4	0.1	0.2	0.7	0.6	0.8	0.9	5.7	2129
25 - 33		0.3	0.3	0.1	0.1	0.2	0.2	*	0.1	0.3	0.3	0.3	0.5	2.6	978
34 - 47		*	*	*	*	-	-	-	*	*	*	*	*	0.1	36
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.4	8.3	6.9	4.9	4.0	7.0	11.0	9.5	8.2	11.3	9.0	9.3	10.3	100.0	
TOTAL N	141	3113	2572	1816	1504	2610	4096	3542	3066	4201	3344	3471	3827		37303

(* < 0.05%)

STATION: 45001

TOTAL %	46.3	42.6	8.8	1.9	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	2247	2066	427	92	15	2	0	0	0	0	0	0	0	0	0		4849

(* < 0.05%)

STATION: 45001

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

Month: MAY

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	-	0.8	107	
1 - 3	0.7	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	9.1	1228	
4 - 6	7.8	1.4	*	-	-	-	-	-	-	-	-	-	-	-	-	24.4	3277	
7 - 10	20.0	4.3	*	-	-	-	-	-	-	-	-	-	-	-	-	31.1	4182	
11 - 15	19.1	11.8	0.2	-	-	-	-	-	-	-	-	-	-	-	-	19.2	2580	
16 - 20	4.6	13.5	1.1	*	-	-	-	-	-	-	-	-	-	-	-	7.2	967	
21 - 24	0.2	4.9	2.0	0.2	*	-	-	-	-	-	-	-	-	-	-	1.9	255	
25 - 33	*	0.4	1.3	0.2	-	-	-	-	-	-	-	-	-	-	-	0.3	43	
34 - 47	-	*	0.2	0.1	-	-	-	-	-	-	-	-	-	-	-	0.0	0	
> 48	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6.0	801	
TOTAL %	55.9	38.5	5.0	0.5	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	7519	5179	675	66	1	0	0	0	0	0	0	0	0	0	0		13440	

(* < 0.05%)

STATION: 45001

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	-	0.9	125	
1 - 3	0.7	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	9.0	1329	
4 - 6	7.8	1.2	*	-	-	-	-	-	-	-	-	-	-	-	-	26.2	3848	
7 - 10	22.4	3.7	*	-	-	-	-	-	-	-	-	-	-	-	-	36.6	5382	
11 - 15	25.3	11.1	0.2	*	-	-	-	-	-	-	-	-	-	-	-	20.0	2936	
16 - 20	7.3	12.1	0.6	*	-	-	-	-	-	-	-	-	-	-	-	3.4	504	
21 - 24	0.1	2.3	0.9	0.1	-	-	-	-	-	-	-	-	-	-	-	0.5	72	
25 - 33	*	0.1	0.3	0.1	-	-	-	-	-	-	-	-	-	-	-	0.2	23	
34 - 47	-	*	0.1	0.1	-	-	-	-	-	-	-	-	-	-	-	0.0	0	
> 48	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.2	467	
TOTAL %	65.4	32.1	2.2	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	9608	4715	325	38	0	0	0	0	0	0	0	0	0	0	0		14686	

(* < 0.05%)

STATION: 45001

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	-	0.9	147	
1 - 3	0.9	*	-	-	-	-	-	-	-	-	-	-	-	-	-	10.3	1670	
4 - 6	9.7	0.6	*	-	-	-	-	-	-	-	-	-	-	-	-	27.5	4450	
7 - 10	24.9	2.6	*	-	-	-	-	-	-	-	-	-	-	-	-	37.6	6085	
11 - 15	28.4	9.2	*	-	-	-	-	-	-	-	-	-	-	-	-	16.0	2593	
16 - 20	6.5	9.3	0.2	-	-	-	-	-	-	-	-	-	-	-	-	2.7	435	
21 - 24	0.2	2.0	0.4	*	-	-	-	-	-	-	-	-	-	-	-	0.2	28	
25 - 33	*	0.1	0.1	-	-	-	-	-	-	-	-	-	-	-	-	0.0	4	
34 - 47	-	-	*	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0	
> 48	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.7	758	
TOTAL %	74.3	24.9	0.8	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	12009	4032	124	5	0	0	0	0	0	0	0	0	0	0	0		16170	

(* < 0.05%)

STATION: 45001

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

Month: AUG

WIND SPEED	WAVE HEIGHT																TOT %	TOT N
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4			
0	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	-	1.2	198	
1 - 3	1.1	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	10.1	1675	

4 - 6	20.5	5.1	0.1	-	-	-	-	-	-	-	-	-	-	-	-	25.6	4233
7 - 10	20.6	14.0	0.3	-	-	-	-	-	-	-	-	-	-	-	-	35.0	5778
11 - 15	4.7	15.9	1.0	*	-	-	-	-	-	-	-	-	-	-	-	21.6	3561
16 - 20	0.2	3.5	1.2	0.1	-	-	-	-	-	-	-	-	-	-	-	4.9	811
21 - 24	*	0.2	0.4	*	-	-	-	-	-	-	-	-	-	-	-	0.6	107
25 - 33	*	*	0.1	*	-	-	-	-	-	-	-	-	-	-	-	0.1	15
34 - 47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48	0.7	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	0.8	138
TOTAL %	56.3	40.6	3.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	9302	6704	492	18	0	0	0	0	0	0	0	0	0	0	0		16516

(* < 0.05%)

STATION: 45001

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

Month: SEP

		WAVE HEIGHT														TOT %	TOT N	
WIND SPEED		0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4		
0		0.4	0.3	-	-	-	-	-	-	-	-	-	-	-	-	-	0.7	111
1 - 3		3.6	1.7	*	-	-	-	-	-	-	-	-	-	-	-	-	5.3	840
4 - 6		8.5	5.9	0.1	-	-	-	-	-	-	-	-	-	-	-	-	14.5	2283
7 - 10		9.8	18.1	0.7	*	-	-	-	-	-	-	-	-	-	-	-	28.7	4525
11 - 15		3.0	22.2	4.5	0.2	*	-	-	-	-	-	-	-	-	-	-	29.9	4708
16 - 20		0.1	7.7	5.7	0.6	0.1	-	-	-	-	-	-	-	-	-	-	14.1	2221
21 - 24		-	0.6	2.6	0.5	0.1	-	-	-	-	-	-	-	-	-	-	3.7	583
25 - 33		-	*	0.5	0.6	0.2	*	-	-	-	-	-	-	-	-	-	1.3	212
34 - 47		-	-	*	*	*	-	-	-	-	-	-	-	-	-	-	0.0	5
> 48		0.2	0.8	0.4	0.3	0.1	0.1	-	-	-	-	-	-	-	-	-	1.8	284
TOTAL %		25.6	57.3	14.5	2.1	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N		4031	9035	2293	332	67	14	0	0	0	0	0	0	0	0	0		15772

(* < 0.05%)

STATION: 45001

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

Month: OCT

		WAVE HEIGHT														TOT %	TOT N	
WIND SPEED		0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4		
0		0.4	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	0.5	74
1 - 3		2.9	1.5	0.1	-	-	-	-	-	-	-	-	-	-	-	-	4.5	676
4 - 6		5.4	5.7	0.2	-	-	-	-	-	-	-	-	-	-	-	-	11.3	1695
7 - 10		5.7	15.4	1.1	0.1	-	-	-	-	-	-	-	-	-	-	-	22.3	3342
11 - 15		1.9	20.9	5.5	0.6	*	-	-	-	-	-	-	-	-	-	-	28.9	4332
16 - 20		*	7.9	8.2	1.7	0.2	*	-	-	-	-	-	-	-	-	-	18.1	2717
21 - 24		*	0.5	4.1	1.4	0.3	*	-	-	-	-	-	-	-	-	-	6.4	964
25 - 33		-	*	0.9	1.5	0.7	0.1	-	-	-	-	-	-	-	-	-	3.3	502
34 - 47		-	-	*	*	0.1	0.1	*	-	-	-	-	-	-	-	-	0.2	28
> 48		0.8	2.4	1.0	0.2	0.1	*	-	-	-	-	-	-	-	-	-	4.6	685
TOTAL %		17.2	54.5	21.1	5.5	1.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N		2577	8188	3173	831	210	34	2	0	0	0	0	0	0	0	0		15015

(* < 0.05%)

STATION: 45001

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

Month: NOV

		WAVE HEIGHT														TOT %	TOT N	
WIND SPEED		0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4		
0		0.4	0.2	*	-	-	-	-	-	-	-	-	-	-	-	-	0.4	28
1 - 3		1.3	1.7	0.2	-	-	-	-	-	-	-	-	-	-	-	-	3.2	241
4 - 6		1.9	4.2	0.1	-	-	-	-	-	-	-	-	-	-	-	-	6.3	467
7 - 10		2.3	13.3	1.5	0.1	-	-	-	-	-	-	-	-	-	-	-	17.2	1278
11 - 15		0.7	16.3	9.1	0.6	*	-	-	-	-	-	-	-	-	-	-	26.6	1985
16 - 20		*	5.0	10.8	3.2	0.2	-	-	-	-	-	-	-	-	-	-	19.3	1440
21 - 24		-	0.3	3.5	2.1	0.7	0.1	-	-	-	-	-	-	-	-	-	6.7	501
25 - 33		-	*	0.3	1.3	1.0	0.2	0.1	-	-	-	-	-	-	-	-	3.0	220
34 - 47		-	-	-	-	*	*	-	-	-	-	-	-	-	-	-	0.0	3
> 48		1.5	9.0	4.4	1.5	0.6	0.3	-	-	-	-	-	-	-	-	-	17.3	1287
TOTAL %		7.9	49.9	30.1	8.7	2.7	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N		590	3720	2239	651	198	48	4	0	0	0	0	0	0	0	0		7450

(* < 0.05%)

STATION: 45001

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

Month: DEC

WIND SPEED	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4		
0	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	>13.4	TOT %	TOT N
1 - 3	0.1	*	-	-	-	-	-	-	-	-	-	-	-	-	-	0.1	3
4 - 6	0.4	1.0	-	-	-	-	-	-	-	-	-	-	-	-	-	1.4	46
7 - 10	0.3	1.2	0.1	-	-	-	-	-	-	-	-	-	-	-	-	1.6	53
11 - 15	1.3	4.1	1.2	0.1	-	-	-	-	-	-	-	-	-	-	-	6.6	222
16 - 20	0.4	7.1	4.1	0.1	-	-	-	-	-	-	-	-	-	-	-	11.8	395
21 - 24	-	1.3	6.0	2.0	0.2	-	-	-	-	-	-	-	-	-	-	9.5	320
25 - 33	-	0.1	1.0	1.6	0.2	*	-	-	-	-	-	-	-	-	-	2.9	99
34 - 47	-	-	0.1	0.5	0.1	-	-	-	-	-	-	-	-	-	-	0.7	23
> 48	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	4.6	31.4	21.7	6.0	1.5	0.2	-	-	-	-	-	-	-	-	-	65.4	2197
TOTAL N	239	1551	1145	346	69	8	0	0	0	0	0	0	0	0	0		3358

(* < 0.05%)

STATION: 45001

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

All Months: Annual

WIND SPEED	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4		
0	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	>13.4	TOT %	TOT N
1 - 3	0.6	0.1	*	-	-	-	-	-	-	-	-	-	-	-	-	0.8	842
4 - 6	6.0	1.3	*	-	-	-	-	-	-	-	-	-	-	-	-	7.3	8186
7 - 10	14.9	4.3	0.1	-	-	-	-	-	-	-	-	-	-	-	-	19.2	21389
11 - 15	16.1	12.8	0.5	*	-	-	-	-	-	-	-	-	-	-	-	29.5	32831
16 - 20	4.2	15.5	2.8	0.2	*	-	-	-	-	-	-	-	-	-	-	22.7	25230
21 - 24	0.1	4.7	4.0	0.7	0.1	*	-	-	-	-	-	-	-	-	-	9.6	10655
25 - 33	*	0.3	1.6	0.5	0.1	*	-	-	-	-	-	-	-	-	-	2.6	2910
34 - 47	*	*	0.3	0.5	0.2	*	*	-	-	-	-	-	-	-	-	1.1	1188
> 48	-	-	*	*	*	*	*	-	-	-	-	-	-	-	-	0.0	37
TOTAL %	1.9	3.3	1.5	0.4	0.2	*	-	-	-	-	-	-	-	-	-	7.3	8109
TOTAL N	48840	47271	11904	2603	640	113	6	0	0	0	0	0	0	0	0		111377

(* < 0.05%)

STATION: 45001

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

Months: DEC, JAN, FEB (Winter)

WIND SPEED	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4		
0	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	>13.4	TOT %	TOT N
1 - 3	0.1	*	-	-	-	-	-	-	-	-	-	-	-	-	-	0.2	13
4 - 6	0.8	0.8	-	-	-	-	-	-	-	-	-	-	-	-	-	1.7	112
7 - 10	1.3	1.5	0.1	-	-	-	-	-	-	-	-	-	-	-	-	2.8	191
11 - 15	1.8	6.3	0.8	0.1	-	-	-	-	-	-	-	-	-	-	-	8.8	596
16 - 20	0.9	10.2	5.0	0.1	-	-	-	-	-	-	-	-	-	-	-	16.2	1090
21 - 24	*	2.1	7.9	1.8	0.1	-	-	-	-	-	-	-	-	-	-	12.0	811
25 - 33	-	0.1	1.0	1.5	0.5	*	-	-	-	-	-	-	-	-	-	3.1	208
34 - 47	-	-	0.1	0.3	0.2	-	-	-	-	-	-	-	-	-	-	0.5	36
> 48	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	5.5	27.8	15.4	4.3	1.4	0.2	-	-	-	-	-	-	-	-	-	54.6	3681
TOTAL N	703	3289	2036	546	149	15	0	0	0	0	0	0	0	0	0		6738

(* < 0.05%)

STATION: 45001

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

Months: MAR, APR, MAY (Spring)

WIND SPEED	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4		
0	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	>13.4	TOT %	TOT N
1 - 3	0.7	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	0.8	146
4 - 6	7.3	1.3	*	-	-	-	-	-	-	-	-	-	-	-	-	8.6	1643
7 - 10	18.2	3.9	*	-	-	-	-	-	-	-	-	-	-	-	-	22.2	4222
11 - 15	18.8	11.7	0.2	-	-	-	-	-	-	-	-	-	-	-	-	30.7	5845
16 - 20	5.0	14.9	1.2	*	-	-	-	-	-	-	-	-	-	-	-	21.2	4025
21 - 24	0.1	5.8	2.8	0.2	*	-	-	-	-	-	-	-	-	-	-	9.0	1716
25 - 33	*	0.5	1.6	0.2	-	-	-	-	-	-	-	-	-	-	-	2.3	447
34 - 47	-	*	0.3	0.5	0.1	*	-	-	-	-	-	-	-	-	-	0.9	176
> 48	-	-	-	*	-	-	-	-	-	-	-	-	-	-	-	0.0	1
TOTAL %	2.5	1.6	0.1	*	-	-	-	-	-	-	-	-	-	-	-	4.3	809

2.5 - 3.4	9.4	0.9	-	-	-	-	-	-	-	-	-	-	-	-	-	10.3	120
3.5 - 4.4	13.2	20.4	0.2	-	-	-	-	-	-	-	-	-	-	-	-	33.8	394
4.5 - 5.4	2.3	23.8	2.0	-	-	-	-	-	-	-	-	-	-	-	-	28.1	328
5.5 - 6.4	1.1	6.7	6.9	0.1	-	-	-	-	-	-	-	-	-	-	-	14.8	172
6.5 - 7.4	0.1	1.5	5.4	1.2	-	-	-	-	-	-	-	-	-	-	-	8.1	95
7.5 - 8.4	-	0.2	2.5	1.3	0.9	-	-	-	-	-	-	-	-	-	-	4.8	56
8.5 - 9.4	-	-	-	-	0.1	-	-	-	-	-	-	-	-	-	-	0.1	1
TOTAL %	26.2	53.4	16.9	2.6	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	305	623	197	30	11	0	0	0	0	0	0	0	0	0	0		1166

(* < 0.05%)

STATION: 45001

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

Month: MAR

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	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	14.0	0.3	-	-	-	-	-	-	-	-	-	-	-	-	-	14.3	106
3.5 - 4.4	18.1	14.7	-	-	-	-	-	-	-	-	-	-	-	-	-	32.8	243
4.5 - 5.4	1.5	26.7	1.1	-	-	-	-	-	-	-	-	-	-	-	-	29.3	217
5.5 - 6.4	0.7	4.6	12.8	0.1	-	-	-	-	-	-	-	-	-	-	-	18.2	135
6.5 - 7.4	-	-	2.2	3.0	-	-	-	-	-	-	-	-	-	-	-	5.1	38
7.5 - 8.4	-	-	0.1	0.1	-	-	-	-	-	-	-	-	-	-	-	0.3	2
TOTAL %	34.3	46.3	16.2	3.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	254	343	120	24	0	0	0	0	0	0	0	0	0	0	0		741

(* < 0.05%)

STATION: 45001

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

Month: APR

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4		
< 0.5	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	-	12.1	586
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	0.1	*	-	-	-	-	-	-	-	-	-	-	-	-	-	0.1	7
2.5 - 3.4	17.9	4.1	-	-	-	-	-	-	-	-	-	-	-	-	-	22.0	1065
3.5 - 4.4	14.5	17.0	-	-	-	-	-	-	-	-	-	-	-	-	-	31.5	1529
4.5 - 5.4	1.3	17.0	1.3	-	-	-	-	-	-	-	-	-	-	-	-	19.6	952
5.5 - 6.4	0.1	4.2	5.8	0.2	-	-	-	-	-	-	-	-	-	-	-	10.2	496
6.5 - 7.4	0.1	0.3	1.7	1.4	0.1	-	-	-	-	-	-	-	-	-	-	3.6	175
7.5 - 8.4	0.2	*	*	0.2	0.2	*	-	-	-	-	-	-	-	-	-	0.8	39
TOTAL %	46.3	42.6	8.8	1.9	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	2247	2066	427	92	15	2	0	0	0	0	0	0	0	0	0		4849

(* < 0.05%)

STATION: 45001

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

Month: MAY

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4		
< 0.5	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	-	17.1	2179
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	1.5	*	-	-	-	-	-	-	-	-	-	-	-	-	-	1.6	200
2.5 - 3.4	24.0	4.9	-	-	-	-	-	-	-	-	-	-	-	-	-	28.8	3684
3.5 - 4.4	12.6	16.6	*	-	-	-	-	-	-	-	-	-	-	-	-	29.2	3727
4.5 - 5.4	1.1	13.6	1.2	-	-	-	-	-	-	-	-	-	-	-	-	15.9	2025
5.5 - 6.4	*	3.3	2.7	0.1	-	-	-	-	-	-	-	-	-	-	-	6.1	783
6.5 - 7.4	*	0.2	0.7	0.3	-	-	-	-	-	-	-	-	-	-	-	1.2	150
7.5 - 8.4	-	-	*	0.1	*	-	-	-	-	-	-	-	-	-	-	0.2	23
TOTAL %	56.3	38.6	4.7	0.5	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	7191	4924	594	61	1	0	0	0	0	0	0	0	0	0	0		12771

(* < 0.05%)

STATION: 45001

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

Month: JUN

WAVE HEIGHT

WAVE PERIOD	0.0- 0.4	0.5- 1.4	1.5- 2.4	2.5- 3.4	3.5- 4.4	4.5- 5.4	5.5- 6.4	6.5- 7.4	7.5- 8.4	8.5- 9.4	9.5- 10.4	10.5- 11.4	11.5- 12.4	12.5- 13.4	>13.4	TOT %	TOT N
< 0.5	18.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	18.8	2631
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	1.4	*	-	-	-	-	-	-	-	-	-	-	-	-	-	1.4	198
2.5 - 3.4	30.3	4.9	-	-	-	-	-	-	-	-	-	-	-	-	-	35.1	4907
3.5 - 4.4	14.8	15.2	-	-	-	-	-	-	-	-	-	-	-	-	-	30.0	4187
4.5 - 5.4	1.1	9.7	0.5	-	-	-	-	-	-	-	-	-	-	-	-	11.3	1576
5.5 - 6.4	-	1.6	1.1	*	-	-	-	-	-	-	-	-	-	-	-	2.7	371
6.5 - 7.4	*	0.1	0.3	0.2	-	-	-	-	-	-	-	-	-	-	-	0.6	82
7.5 - 8.4	-	-	*	0.1	-	-	-	-	-	-	-	-	-	-	-	0.1	17
TOTAL %	66.4	31.5	1.9	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	9269	4397	268	35	0	0	0	0	0	0	0	0	0	0	0		13969

(* < 0.05%)

STATION: 45001

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	20.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20.4	3144
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	2.2	*	-	-	-	-	-	-	-	-	-	-	-	-	-	2.2	335
2.5 - 3.4	35.0	3.7	-	-	-	-	-	-	-	-	-	-	-	-	-	38.7	5965
3.5 - 4.4	15.6	11.5	*	-	-	-	-	-	-	-	-	-	-	-	-	27.1	4177
4.5 - 5.4	1.3	7.7	0.2	-	-	-	-	-	-	-	-	-	-	-	-	9.3	1434
5.5 - 6.4	0.1	1.7	0.4	-	-	-	-	-	-	-	-	-	-	-	-	2.1	322
6.5 - 7.4	-	0.1	0.2	*	-	-	-	-	-	-	-	-	-	-	-	0.2	37
7.5 - 8.4	*	*	*	*	-	-	-	-	-	-	-	-	-	-	-	0.1	13
8.5 - 9.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
9.5 - 10.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
10.5 - 11.4	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	1
TOTAL %	74.5	24.6	0.8	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	11500	3799	124	5	0	0	0	0	0	0	0	0	0	0	0		15428

(* < 0.05%)

STATION: 45001

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	11.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11.7	1845
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	1.3	*	-	-	-	-	-	-	-	-	-	-	-	-	-	1.4	217
2.5 - 3.4	27.2	4.5	-	-	-	-	-	-	-	-	-	-	-	-	-	31.7	5004
3.5 - 4.4	14.6	16.1	*	-	-	-	-	-	-	-	-	-	-	-	-	30.7	4847
4.5 - 5.4	1.8	15.3	0.6	-	-	-	-	-	-	-	-	-	-	-	-	17.6	2776
5.5 - 6.4	0.1	4.0	1.5	*	-	-	-	-	-	-	-	-	-	-	-	5.6	891
6.5 - 7.4	*	0.3	0.7	*	-	-	-	-	-	-	-	-	-	-	-	1.1	173
7.5 - 8.4	-	-	0.1	0.1	-	-	-	-	-	-	-	-	-	-	-	0.1	19
8.5 - 9.4	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	2
9.5 - 10.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
10.5 - 11.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
13.5 - 14.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	2
TOTAL %	56.8	40.3	2.9	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	8956	6350	454	16	0	0	0	0	0	0	0	0	0	0	0		15776

(* < 0.05%)

STATION: 45001

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	2.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.9	441

TOTAL %	7.1	46.2	34.1	10.3	2.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	239	1551	1144	346	69	8	0	0	0	0	0	0	0	0	0		3357

(* < 0.05%)

STATION: 45001

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

All Months: Annual

WAVE PERIOD	WAVE HEIGHT														TOT %	TOT N		
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-			>13.4	
< 0.5	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4		10.2	11038	
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	0.9	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.0	1049
2.5 - 3.4	20.0	4.1	*	-	-	-	-	-	-	-	-	-	-	-	-	-	24.0	25910
3.5 - 4.4	11.3	16.0	*	-	-	-	-	-	-	-	-	-	-	-	-	-	27.3	29423
4.5 - 5.4	1.3	16.4	1.9	*	-	-	-	-	-	-	-	-	-	-	-	-	19.6	21159
5.5 - 6.4	0.1	5.3	5.7	0.3	-	-	-	-	-	-	-	-	-	-	-	-	11.2	12126
6.5 - 7.4	*	0.6	2.5	1.1	0.1	-	-	-	-	-	-	-	-	-	-	-	4.3	4653
7.5 - 8.4	*	*	0.6	0.9	0.3	*	-	-	-	-	-	-	-	-	-	-	1.9	2020
8.5 - 9.4	*	-	*	0.1	0.2	0.1	*	-	-	-	-	-	-	-	-	-	0.3	359
9.5 - 10.4	-	-	*	*	*	*	*	-	-	-	-	-	-	-	-	-	0.1	64
10.5 - 11.4	*	-	-	-	*	*	*	-	-	-	-	-	-	-	-	-	0.0	9
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
13.5 - 14.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	2
TOTAL %	43.8	42.4	10.8	2.4	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0		
TOTAL N	47198	45676	11592	2587	640	113	6	0	0	0	0	0	0	0	0		107812	

(* < 0.05%)

STATION: 45001

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

Months: DEC, JAN, FEB (Winter)

WAVE PERIOD	WAVE HEIGHT														TOT %	TOT N		
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-			>13.4	
< 0.5	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4		0.0	0	
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	3.6	1.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.9	331
3.5 - 4.4	5.3	13.5	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	18.9	1274
4.5 - 5.4	1.1	22.7	3.1	-	-	-	-	-	-	-	-	-	-	-	-	-	26.9	1814
5.5 - 6.4	0.3	9.1	14.9	0.7	-	-	-	-	-	-	-	-	-	-	-	-	25.0	1682
6.5 - 7.4	0.1	2.1	9.0	3.0	0.1	-	-	-	-	-	-	-	-	-	-	-	14.2	960
7.5 - 8.4	*	0.1	3.1	4.1	1.1	*	-	-	-	-	-	-	-	-	-	-	8.4	567
8.5 - 9.4	-	-	*	0.3	0.9	0.1	-	-	-	-	-	-	-	-	-	-	1.3	90
9.5 - 10.4	-	-	*	*	0.2	0.1	-	-	-	-	-	-	-	-	-	-	0.3	19
TOTAL %	10.4	48.8	30.2	8.1	2.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0		
TOTAL N	703	3289	2035	546	149	15	0	0	0	0	0	0	0	0	0		6737	

(* < 0.05%)

STATION: 45001

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-	0.5-	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		15.1	2765	
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	1.1	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.1	207
2.5 - 3.4	22.0	4.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	26.4	4855
3.5 - 4.4	13.3	16.6	*	-	-	-	-	-	-	-	-	-	-	-	-	-	29.9	5499
4.5 - 5.4	1.2	15.0	1.2	-	-	-	-	-	-	-	-	-	-	-	-	-	17.4	3194
5.5 - 6.4	0.1	3.6	3.9	0.1	-	-	-	-	-	-	-	-	-	-	-	-	7.7	1414
6.5 - 7.4	*	0.2	1.0	0.7	*	-	-	-	-	-	-	-	-	-	-	-	2.0	363
7.5 - 8.4	0.1	*	*	0.2	0.1	*	-	-	-	-	-	-	-	-	-	-	0.3	64
TOTAL %	52.8	39.9	6.2	1.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0		
TOTAL N	9692	7333	1141	177	16	2	0	0	0	0	0	0	0	0	0		18361	

(* < 0.05%)

STATION: 45001

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	16.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16.9	7620
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	1.6	*	-	-	-	-	-	-	-	-	-	-	-	-	-	1.7	750
2.5 - 3.4	30.8	4.3	-	-	-	-	-	-	-	-	-	-	-	-	-	35.1	15876
3.5 - 4.4	15.0	14.2	*	-	-	-	-	-	-	-	-	-	-	-	-	29.2	13211
4.5 - 5.4	1.4	11.0	0.4	-	-	-	-	-	-	-	-	-	-	-	-	12.8	5786
5.5 - 6.4	*	2.5	1.0	*	-	-	-	-	-	-	-	-	-	-	-	3.5	1584
6.5 - 7.4	*	0.2	0.4	0.1	-	-	-	-	-	-	-	-	-	-	-	0.6	292
7.5 - 8.4	*	*	*	0.1	-	-	-	-	-	-	-	-	-	-	-	0.1	49
8.5 - 9.4	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	2
9.5 - 10.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
10.5 - 11.4	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	1
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
13.5 - 14.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	2
TOTAL %	65.8	32.2	1.9	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	29725	14546	846	56	0	0	0	0	0	0	0	0	0	0	0		45173

(* < 0.05%)

STATION: 45001

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	1.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.7	653
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	0.2	*	-	-	-	-	-	-	-	-	-	-	-	-	-	0.2	92
2.5 - 3.4	8.8	4.1	*	-	-	-	-	-	-	-	-	-	-	-	-	12.9	4848
3.5 - 4.4	6.8	18.2	0.1	-	-	-	-	-	-	-	-	-	-	-	-	25.1	9439
4.5 - 5.4	1.2	22.5	3.9	*	-	-	-	-	-	-	-	-	-	-	-	27.6	10365
5.5 - 6.4	*	8.7	10.5	0.6	-	-	-	-	-	-	-	-	-	-	-	19.8	7446
6.5 - 7.4	-	1.0	4.7	2.2	0.1	-	-	-	-	-	-	-	-	-	-	8.1	3038
7.5 - 8.4	*	*	1.0	1.8	0.7	0.1	-	-	-	-	-	-	-	-	-	3.6	1340
8.5 - 9.4	-	-	*	0.2	0.4	0.1	*	-	-	-	-	-	-	-	-	0.7	267
9.5 - 10.4	-	-	-	*	0.1	*	*	-	-	-	-	-	-	-	-	0.1	45
10.5 - 11.4	-	-	-	-	*	*	*	-	-	-	-	-	-	-	-	0.0	8
TOTAL %	18.9	54.6	20.2	4.8	1.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	7078	20508	7570	1808	475	96	6	0	0	0	0	0	0	0	0		37541

(* < 0.05%)

STATION: 45001

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

Month: JAN

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	1.8	0.8	-	-	-	-	-	-	-	-	-	-	-	-	-	2.6	57
3.5 - 4.4	5.0	31.6	0.1	-	-	-	-	-	-	-	-	-	-	-	-	36.8	814
4.5 - 5.4	0.4	17.8	22.5	0.1	-	-	-	-	-	-	-	-	-	-	-	40.8	903
5.5 - 6.4	-	0.2	8.7	7.2	0.4	-	-	-	-	-	-	-	-	-	-	16.4	364
6.5 - 7.4	-	-	-	0.4	2.8	0.3	-	-	-	-	-	-	-	-	-	3.4	75
7.5 - 8.4	-	-	-	-	-	*	-	-	-	-	-	-	-	-	-	0.0	1
TOTAL %	7.2	50.4	31.3	7.7	3.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	159	1115	694	170	69	7	0	0	0	0	0	0	0	0	0		2214

(* < 0.05%)

STATION: 45001

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

Month: FEB

WAVE HEIGHT

WAVE PERIOD	0.0- 0.4	0.5- 1.4	1.5- 2.4	2.5- 3.4	3.5- 4.4	4.5- 5.4	5.5- 6.4	6.5- 7.4	7.5- 8.4	8.5- 9.4	9.5- 10.4	10.5- 11.4	11.5- 12.4	12.5- 13.4	>13.4	TOT %	TOT N
< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	9.6	0.7	-	-	-	-	-	-	-	-	-	-	-	-	-	10.3	120
3.5 - 4.4	14.7	40.1	-	-	-	-	-	-	-	-	-	-	-	-	-	54.7	638
4.5 - 5.4	1.9	12.3	12.9	0.1	-	-	-	-	-	-	-	-	-	-	-	27.2	317
5.5 - 6.4	-	0.3	4.0	2.5	0.2	-	-	-	-	-	-	-	-	-	-	7.0	82
6.5 - 7.4	-	-	-	-	0.8	-	-	-	-	-	-	-	-	-	-	0.8	9
TOTAL %	26.2	53.4	16.9	2.6	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	305	623	197	30	11	0	0	0	0	0	0	0	0	0	0		1166

(* < 0.05%)

STATION: 45001

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

Month: MAR

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0- 0.4	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	15.0	0.8	-	-	-	-	-	-	-	-	-	-	-	-	-	15.8	117
3.5 - 4.4	19.0	34.8	-	-	-	-	-	-	-	-	-	-	-	-	-	53.8	399
4.5 - 5.4	0.3	10.7	14.6	-	-	-	-	-	-	-	-	-	-	-	-	25.5	189
5.5 - 6.4	-	-	1.6	3.2	-	-	-	-	-	-	-	-	-	-	-	4.9	36
TOTAL %	34.3	46.3	16.2	3.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	254	343	120	24	0	0	0	0	0	0	0	0	0	0	0		741

(* < 0.05%)

STATION: 45001

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	12.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12.1	586
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.1	3
2.5 - 3.4	24.4	8.8	-	-	-	-	-	-	-	-	-	-	-	-	-	33.2	1609
3.5 - 4.4	9.5	30.6	0.7	-	-	-	-	-	-	-	-	-	-	-	-	40.8	1977
4.5 - 5.4	0.1	3.2	8.0	0.4	-	-	-	-	-	-	-	-	-	-	-	11.7	567
5.5 - 6.4	0.1	-	0.1	1.5	0.3	-	-	-	-	-	-	-	-	-	-	2.0	96
6.5 - 7.4	0.1	-	-	-	*	*	-	-	-	-	-	-	-	-	-	0.2	10
7.5 - 8.4	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	1
TOTAL %	46.3	42.6	8.8	1.9	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	2247	2066	427	92	15	2	0	0	0	0	0	0	0	0	0		4849

(* < 0.05%)

STATION: 45001

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	16.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16.2	2179
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.4	185
2.5 - 3.4	32.4	13.8	-	-	-	-	-	-	-	-	-	-	-	-	-	46.2	6207
3.5 - 4.4	6.0	22.7	1.6	-	-	-	-	-	-	-	-	-	-	-	-	30.3	4076
4.5 - 5.4	-	2.0	3.3	0.2	-	-	-	-	-	-	-	-	-	-	-	5.5	740
5.5 - 6.4	-	*	0.1	0.3	-	-	-	-	-	-	-	-	-	-	-	0.4	52
6.5 - 7.4	-	-	-	-	*	-	-	-	-	-	-	-	-	-	-	0.0	1
TOTAL %	55.9	38.5	5.0	0.5	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	7519	5179	675	66	1	0	0	0	0	0	0	0	0	0	0		13440

(* < 0.05%)

STATION: 45001

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

Month: JUN

WAVE HEIGHT

WAVE PERIOD	0.0- 0.4	0.5- 1.4	1.5- 2.4	2.5- 3.4	3.5- 4.4	4.5- 5.4	5.5- 6.4	6.5- 7.4	7.5- 8.4	8.5- 9.4	9.5- 10.4	10.5- 11.4	11.5- 12.4	12.5- 13.4	>13.4	TOT %	TOT N
< 0.5	17.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	17.9	2631
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	1.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.1	159
2.5 - 3.4	40.1	13.6	-	-	-	-	-	-	-	-	-	-	-	-	-	53.7	7886
3.5 - 4.4	6.3	17.5	0.9	-	-	-	-	-	-	-	-	-	-	-	-	24.7	3630
4.5 - 5.4	*	1.0	1.3	0.1	-	-	-	-	-	-	-	-	-	-	-	2.3	345
5.5 - 6.4	-	*	*	0.2	-	-	-	-	-	-	-	-	-	-	-	0.2	32
TOTAL %	65.4	32.1	2.2	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	9605	4715	325	38	0	0	0	0	0	0	0	0	0	0	0		14683

(* < 0.05%)

STATION: 45001

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

Month: JUL

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0- 0.4	0.5- 1.4	1.5- 2.4	2.5- 3.4	3.5- 4.4	4.5- 5.4	5.5- 6.4	6.5- 7.4	7.5- 8.4	8.5- 9.4	9.5- 10.4	10.5- 11.4	11.5- 12.4	12.5- 13.4	>13.4		
< 0.5	19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	19.4	3144
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	1.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.7	269
2.5 - 3.4	46.5	10.2	*	-	-	-	-	-	-	-	-	-	-	-	-	56.7	9168
3.5 - 4.4	6.6	13.8	0.3	-	-	-	-	-	-	-	-	-	-	-	-	20.7	3355
4.5 - 5.4	*	0.9	0.5	*	-	-	-	-	-	-	-	-	-	-	-	1.4	231
5.5 - 6.4	-	*	-	*	-	-	-	-	-	-	-	-	-	-	-	0.0	2
6.5 - 7.4	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	1
TOTAL %	74.3	24.9	0.8	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	12009	4032	124	5	0	0	0	0	0	0	0	0	0	0	0		16170

(* < 0.05%)

STATION: 45001

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

Month: AUG

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0- 0.4	0.5- 1.4	1.5- 2.4	2.5- 3.4	3.5- 4.4	4.5- 5.4	5.5- 6.4	6.5- 7.4	7.5- 8.4	8.5- 9.4	9.5- 10.4	10.5- 11.4	11.5- 12.4	12.5- 13.4	>13.4		
< 0.5	11.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11.2	1845
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	1.1	*	-	-	-	-	-	-	-	-	-	-	-	-	-	1.1	189
2.5 - 3.4	36.5	11.8	-	-	-	-	-	-	-	-	-	-	-	-	-	48.3	7979
3.5 - 4.4	7.5	26.1	0.8	*	-	-	-	-	-	-	-	-	-	-	-	34.4	5684
4.5 - 5.4	*	2.7	2.0	*	-	-	-	-	-	-	-	-	-	-	-	4.7	778
5.5 - 6.4	*	-	0.2	0.1	-	-	-	-	-	-	-	-	-	-	-	0.2	40
TOTAL %	56.3	40.6	3.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	9301	6704	492	18	0	0	0	0	0	0	0	0	0	0	0		16515

(* < 0.05%)

STATION: 45001

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

Month: SEP

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0- 0.4	0.5- 1.4	1.5- 2.4	2.5- 3.4	3.5- 4.4	4.5- 5.4	5.5- 6.4	6.5- 7.4	7.5- 8.4	8.5- 9.4	9.5- 10.4	10.5- 11.4	11.5- 12.4	12.5- 13.4	>13.4		
< 0.5	2.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.8	441
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.1	17
2.5 - 3.4	17.1	12.1	*	-	-	-	-	-	-	-	-	-	-	-	-	29.2	4597
3.5 - 4.4	5.6	38.9	4.6	-	-	-	-	-	-	-	-	-	-	-	-	49.0	7723
4.5 - 5.4	*	6.2	9.2	0.9	-	-	-	-	-	-	-	-	-	-	-	16.3	2574
5.5 - 6.4	-	*	0.7	1.2	0.3	*	-	-	-	-	-	-	-	-	-	2.3	355
6.5 - 7.4	-	-	-	*	0.1	0.1	-	-	-	-	-	-	-	-	-	0.2	39
TOTAL %	25.6	57.3	14.6	2.1	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	4024	9016	2293	332	67	14	0	0	0	0	0	0	0	0	0		15746

(* < 0.05%)

STATION: 45001

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

Month: OCT

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

< 0.5	1.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.3	199
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.2	24
2.5 - 3.4	10.8	10.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	21.0	3160
3.5 - 4.4	4.9	37.9	5.1	-	-	-	-	-	-	-	-	-	-	-	-	-	47.9	7192
4.5 - 5.4	*	6.4	14.8	2.3	*	-	-	-	-	-	-	-	-	-	-	-	23.5	3522
5.5 - 6.4	-	*	1.2	3.2	0.9	*	-	-	-	-	-	-	-	-	-	-	5.3	796
6.5 - 7.4	-	-	*	0.1	0.5	0.2	*	-	-	-	-	-	-	-	-	-	0.8	120
7.5 - 8.4	-	-	-	-	-	-	*	-	-	-	-	-	-	-	-	-	0.0	1
TOTAL %	17.2	54.5	21.1	5.5	1.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	2577	8188	3172	831	210	34	2	0	0	0	0	0	0	0	0	0		15014

(* < 0.05%)

STATION: 45001

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

Month: NOV

		WAVE HEIGHT																
		0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4	TOT %	TOT N
WAVE PERIOD	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	>13.4			
< 0.5	0.2	1.0	0.4	0.2	0.1	*	-	-	-	-	-	-	-	-	-	-	1.9	140
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.1	5
2.5 - 3.4	4.9	9.3	*	-	-	-	-	-	-	-	-	-	-	-	-	-	14.2	1059
3.5 - 4.4	2.7	33.8	8.2	-	-	-	-	-	-	-	-	-	-	-	-	-	44.6	3325
4.5 - 5.4	-	5.9	20.0	2.8	-	-	-	-	-	-	-	-	-	-	-	-	28.7	2137
5.5 - 6.4	-	*	1.5	5.7	1.3	*	-	-	-	-	-	-	-	-	-	-	8.5	632
6.5 - 7.4	-	-	-	0.1	1.2	0.5	-	-	-	-	-	-	-	-	-	-	1.9	139
7.5 - 8.4	-	-	-	-	*	0.1	0.1	-	-	-	-	-	-	-	-	-	0.1	11
TOTAL %	7.9	49.9	30.0	8.7	2.7	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	590	3720	2237	651	198	48	4	0	0	0	0	0	0	0	0	0		7448

(* < 0.05%)

STATION: 45001

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

Month: DEC

		WAVE HEIGHT																
		0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4	TOT %	TOT N
WAVE PERIOD	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	>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	3.2	2.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.6	189
3.5 - 4.4	3.9	32.0	3.0	-	-	-	-	-	-	-	-	-	-	-	-	-	38.9	1305
4.5 - 5.4	0.1	11.7	27.3	2.0	-	-	-	-	-	-	-	-	-	-	-	-	41.1	1379
5.5 - 6.4	-	-	3.8	7.8	0.8	-	-	-	-	-	-	-	-	-	-	-	12.5	420
6.5 - 7.4	-	-	-	0.5	1.2	0.2	-	-	-	-	-	-	-	-	-	-	1.9	65
TOTAL %	7.1	46.2	34.1	10.3	2.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	239	1551	1145	346	69	8	0	0	0	0	0	0	0	0	0	0		3358

(* < 0.05%)

STATION: 45001

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

All Months: Annual

		WAVE HEIGHT																
		0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4	TOT %	TOT N
WAVE PERIOD	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	>13.4			
< 0.5	9.9	0.1	*	*	*	*	-	-	-	-	-	-	-	-	-	-	10.0	11165
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	0.8	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.8	851
2.5 - 3.4	26.9	10.9	*	-	-	-	-	-	-	-	-	-	-	-	-	-	37.9	42148
3.5 - 4.4	6.2	27.4	2.5	*	-	-	-	-	-	-	-	-	-	-	-	-	36.0	40118
4.5 - 5.4	*	4.1	7.4	0.7	*	-	-	-	-	-	-	-	-	-	-	-	12.3	13682
5.5 - 6.4	*	*	0.8	1.5	0.3	*	-	-	-	-	-	-	-	-	-	-	2.6	2907
6.5 - 7.4	*	-	*	*	0.3	0.1	*	-	-	-	-	-	-	-	-	-	0.4	459
7.5 - 8.4	*	-	-	-	*	*	*	-	-	-	-	-	-	-	-	-	0.0	14
TOTAL %	43.9	42.4	10.7	2.3	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	48829	47252	11901	2603	640	113	6	0	0	0	0	0	0	0	0	0		111344

(* < 0.05%)

STATION: 45001

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
	0.0-0.4	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	3.8	1.6	-	-	-	-	-	-	-	-	-	-	-	-	-	5.4	366
3.5 - 4.4	6.1	33.3	1.5	-	-	-	-	-	-	-	-	-	-	-	-	40.9	2757
4.5 - 5.4	0.5	13.8	23.2	1.0	-	-	-	-	-	-	-	-	-	-	-	38.6	2599
5.5 - 6.4	-	0.1	5.5	6.7	0.6	-	-	-	-	-	-	-	-	-	-	12.9	866
6.5 - 7.4	-	-	-	0.4	1.6	0.2	-	-	-	-	-	-	-	-	-	2.2	149
7.5 - 8.4	-	-	-	-	-	*	-	-	-	-	-	-	-	-	-	0.0	1
TOTAL %	10.4	48.8	30.2	8.1	2.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	703	3289	2036	546	149	15	0	0	0	0	0	0	0	0	0		6738

(* < 0.05%)

STATION: 45001

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
	0.0-0.4	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	14.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14.5	2765
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	1.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.0	188
2.5 - 3.4	29.6	12.0	-	-	-	-	-	-	-	-	-	-	-	-	-	41.7	7933
3.5 - 4.4	7.4	25.2	1.3	-	-	-	-	-	-	-	-	-	-	-	-	33.9	6452
4.5 - 5.4	*	2.6	5.0	0.3	-	-	-	-	-	-	-	-	-	-	-	7.9	1496
5.5 - 6.4	*	*	0.2	0.7	0.1	-	-	-	-	-	-	-	-	-	-	1.0	184
6.5 - 7.4	*	-	-	-	*	*	-	-	-	-	-	-	-	-	-	0.1	11
7.5 - 8.4	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	1
TOTAL %	52.7	39.9	6.4	1.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	10020	7588	1222	182	16	2	0	0	0	0	0	0	0	0	0		19030

(* < 0.05%)

STATION: 45001

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
	0.0-0.4	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	16.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16.1	7620
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	1.3	*	-	-	-	-	-	-	-	-	-	-	-	-	-	1.3	617
2.5 - 3.4	41.0	11.8	*	-	-	-	-	-	-	-	-	-	-	-	-	52.8	25033
3.5 - 4.4	6.8	19.2	0.7	*	-	-	-	-	-	-	-	-	-	-	-	26.7	12669
4.5 - 5.4	*	1.5	1.2	*	-	-	-	-	-	-	-	-	-	-	-	2.9	1354
5.5 - 6.4	*	*	0.1	0.1	-	-	-	-	-	-	-	-	-	-	-	0.2	74
6.5 - 7.4	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	1
TOTAL %	65.3	32.6	2.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	30915	15451	941	61	0	0	0	0	0	0	0	0	0	0	0		47368

(* < 0.05%)

STATION: 45001

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
	0.0-0.4	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	1.7	0.2	0.1	*	*	*	-	-	-	-	-	-	-	-	-	2.0	780
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.1	46
2.5 - 3.4	12.2	10.8	*	-	-	-	-	-	-	-	-	-	-	-	-	23.1	8816
3.5 - 4.4	4.8	37.5	5.5	-	-	-	-	-	-	-	-	-	-	-	-	47.7	18240
4.5 - 5.4	*	6.2	13.5	1.8	*	-	-	-	-	-	-	-	-	-	-	21.5	8233
5.5 - 6.4	-	*	1.1	2.9	0.7	*	-	-	-	-	-	-	-	-	-	4.7	1783
6.5 - 7.4	-	-	*	0.1	0.5	0.2	*	-	-	-	-	-	-	-	-	0.8	298
7.5 - 8.4	-	-	-	-	*	*	*	-	-	-	-	-	-	-	-	0.0	12
TOTAL %	18.8	54.8	20.2	4.7	1.2	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	7191	20924	7702	1814	475	96	6	0	0	0	0	0	0	0	0		38208

(* < 0.05%)