

Table with multiple columns of numerical data, including rows for 1003, 1002, 1001, 1000, 999, 998, 997, 996, 995, 994, 993, 992, 991, 990, 989, 988, 987, 986, 985, 984, 983, 982, 981, 980, 979, 978, 977, 976, 975, 974, 973, 972, MEAN, S.D., TOTAL, MAX, DATE, and MIN. The table ends with a summary row: (* < 0.05% , # = 100.0%)

STATION: 45002

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

ELEMENT: AVERAGE WIND SPEED (KNOTS) -- POR: (9/1979 - 11/2001) (110163 RECORDS, 87.6% HAVE ELEMENT)

Table with columns for months (JAN to DEC) and ANN, each subdivided into Frequency (F) and Cumulative Percent Frequency (CPF). Rows represent wind speed values from 39 down to 8 knots.

	DAY-HR	-	-	29-23	18-14	15-14	01-08	05-13	10-18	23-13	29-17	25-09	10-14	DEC
	# OBS	-	-	49	711	740	710	726	742	717	741	718	228	6082
1984	MEAN	-	-	-	3.9	4.6	8.8	15.6	19.7	14.7	11.9	4.6	1.0	11.1
	MAXIMUM	-	-	-	9.6	9.4	17.4	20.9	23.6	20.9	17.3	12.8	1.6	23.6
	DAY-HR	-	-	-	28-00	12-00	23-22	21-00	28-23	08-05	17-08	01-13	01-00	AUG
	MINIMUM	-	-	-	1.4	1.1	3.5	10.6	14.2	7.0	2.6	-3.5	0.3	-3.5
	DAY-HR	-	-	-	20-11	01-14	03-05	07-05	23-12	26-13	31-07	02-13	01-17	NOV
	# OBS	-	-	-	261	734	715	739	741	717	742	713	18	5380
1985	MEAN	-	-	-	3.4	5.6	8.5	16.3	18.2	16.0	10.7	5.1	-	11.1
	MAXIMUM	-	-	-	10.1	10.2	15.6	20.5	22.4	21.6	15.3	13.2	-	22.4
	DAY-HR	-	-	-	23-18	31-11	29-00	21-23	04-22	07-19	08-07	01-22	-	AUG
	MINIMUM	-	-	-	-3.8	3.1	4.3	11.8	14.0	8.0	5.1	-1.0	-	-3.8
	DAY-HR	-	-	-	08-17	08-10	03-10	07-10	20-15	25-08	28-08	11-02	-	APR
	# OBS	-	-	-	539	729	718	735	741	707	739	328	-	5236
1986	MEAN	-	-	-	-	-	8.4	15.8	17.8	14.3	9.4	4.9	-	13.1
	MAXIMUM	-	-	-	-	-	14.8	23.6	22.2	18.5	15.1	10.9	-	23.6
	DAY-HR	-	-	-	-	-	27-07	18-21	01-02	04-23	03-20	01-01	-	JUL
	MINIMUM	-	-	-	-	-	4.0	9.8	9.9	9.0	2.8	0.5	-	0.5
	DAY-HR	-	-	-	-	-	15-12	03-10	27-15	15-18	30-15	04-17	-	NOV
	# OBS	-	-	-	-	-	481	741	741	654	738	143	-	3498
1987	MEAN	-	-	-	4.9	6.4	14.8	19.4	19.8	16.6	8.2	6.4	-	13.0
	MAXIMUM	-	-	-	9.3	11.3	20.6	24.3	25.2	20.6	16.0	12.1	-	25.2
	DAY-HR	-	-	-	20-20	28-01	24-00	25-23	03-00	06-01	01-22	04-06	-	AUG
	MINIMUM	-	-	-	2.8	3.1	9.4	11.8	13.4	10.1	3.7	0.0	-	0.0
	DAY-HR	-	-	-	30-11	03-11	09-13	14-15	31-15	30-19	29-10	10-11	-	NOV
	# OBS	-	-	-	449	727	718	743	741	677	741	237	-	5033
1988	MEAN	-	-	1.5	2.6	5.6	10.3	17.9	20.4	16.0	8.2	5.4	-	11.2
	MAXIMUM	-	-	3.1	6.4	11.3	20.1	22.1	25.1	21.2	16.4	9.7	-	25.1
	DAY-HR	-	-	31-19	29-23	09-02	21-01	31-00	17-03	01-04	01-13	04-02	-	AUG
	MINIMUM	-	-	-0.7	-1.6	2.9	4.9	11.7	14.9	9.8	-0.1	1.6	-	-1.6
	DAY-HR	-	-	30-08	15-15	01-12	10-10	01-14	29-15	28-13	30-15	11-18	-	APR
	# OBS	-	-	55	720	741	719	742	738	715	742	265	-	5437
1989	MEAN	-0.3	-7.2	-10.4	-	6.0	7.6	17.8	18.3	15.8	8.5	2.6	-	8.2
	MAXIMUM	4.3	0.8	-4.7	-	13.3	14.9	22.3	22.8	21.4	15.6	9.0	-	22.8
	DAY-HR	31-15	13-21	04-17	-	25-04	28-03	26-23	05-00	06-22	12-00	05-18	-	AUG
	MINIMUM	-9.0	-16.8	-16.3	-	4.0	3.7	9.8	11.3	5.8	2.4	-7.3	-	-16.8
	DAY-HR	13-16	04-13	02-16	-	28-11	05-07	01-00	07-14	23-05	19-11	17-14	-	FEB
	# OBS	480	668	107	-	278	716	738	735	719	744	502	-	5687
1990	MEAN	-	-	-	-	7.8	10.3	15.8	17.8	15.8	9.4	5.1	-1.3	10.3
	MAXIMUM	-	-	-	-	14.6	19.5	23.1	22.2	22.9	16.5	13.1	8.2	23.1
	DAY-HR	-	-	-	-	27-23	30-20	26-19	28-21	02-00	06-06	02-01	10-02	JUL
	MINIMUM	-	-	-	-	4.1	3.6	10.7	13.1	7.0	2.6	-2.5	-17.2	-17.2
	DAY-HR	-	-	-	-	30-08	04-07	06-08	06-05	23-13	28-13	29-17	26-14	DEC
	# OBS	-	-	-	-	169	718	739	744	716	738	718	744	5286
1991	MEAN	-5.7	-2.7	0.2	3.9	7.2	15.1	18.9	20.2	15.1	9.0	2.2	-0.8	6.9
	MAXIMUM	3.7	4.3	8.7	11.5	15.8	21.5	27.3	24.3	22.4	14.7	11.7	6.8	27.3
	DAY-HR	20-01	03-17	27-08	27-22	22-15	20-20	23-02	15-23	09-06	23-03	01-19	12-22	JUL
	MINIMUM	-14.9	-12.6	-10.5	-1.2	1.6	8.8	14.7	14.9	5.2	1.6	-7.4	-10.4	-14.9
	DAY-HR	25-15	15-17	03-16	10-13	03-14	05-10	26-12	31-18	27-12	19-13	07-03	16-09	JAN
	# OBS	743	672	742	719	742	719	742	739	720	742	720	743	8743
1992	MEAN	-2.8	-2.2	-1.0	2.5	5.4	11.0	14.3	17.4	14.6	9.6	4.6	-	6.9
	MAXIMUM	5.3	2.9	4.6	8.4	12.7	18.9	20.1	22.2	19.2	16.5	10.7	-	22.2
	DAY-HR	12-11	28-14	09-02	20-00	17-01	14-00	28-22	10-21	08-05	03-01	02-22	-	AUG
	MINIMUM	-17.2	-11.2	-11.1	-3.9	2.2	5.7	10.1	12.3	7.2	2.0	-0.5	-	-17.2
	DAY-HR	18-15	12-09	11-16	02-03	06-11	01-17	02-06	12-05	29-13	30-08	06-15	-	JAN
	# OBS	738	688	739	720	740	717	743	740	718	740	140	-	7423
1993	MEAN	-	-	-	2.7	5.2	8.4	17.5	19.9	13.9	8.7	3.8	-	10.9
	MAXIMUM	-	-	-	9.0	14.4	15.7	21.9	26.1	20.5	15.3	10.1	-	26.1
	DAY-HR	-	-	-	24-20	08-21	22-21	25-23	11-23	02-19	04-03	04-07	-	AUG
	MINIMUM	-	-	-	-1.1	2.4	4.0	10.9	13.2	4.7	1.6	-3.8	-	-3.8
	DAY-HR	-	-	-	17-09	01-11	04-11	01-13	04-13	30-04	31-00	07-09	-	NOV
	# OBS	-	-	-	537	740	718	741	744	717	744	209	-	5150
1994	MEAN	-	-	-0.3	2.1	4.8	10.1	15.8	17.4	17.5	11.9	8.7	-	11.1
	MAXIMUM	-	-	2.6	7.5	10.7	19.2	21.0	21.5	20.8	18.1	12.5	-	21.5
	DAY-HR	-	-	31-23	27-02	23-01	25-20	31-23	28-04	16-02	07-21	03-00	-	AUG
	MINIMUM	-	-	-3.7	-4.8	0.9	4.3	10.6	11.5	12.3	6.1	6.4	-	-4.8
	DAY-HR	-	-	30-10	06-06	01-05	14-10	13-14	09-03	01-08	25-12	02-07	-	APR
	# OBS	-	-	52	719	733	715	729	742	608	726	142	-	5166
1995	MEAN	-	-	-0.3	2.0	5.7	12.7	18.0	21.6	15.4	10.4	2.7	-	11.6
	MAXIMUM	-	-	2.6	6.4	13.7	23.3	23.1	24.5	22.5	18.7	11.7	-	24.5
	DAY-HR	-	-	29-20	17-06	30-03	24-22	30-22	19-01	06-23	01-08	02-04	-	AUG
	MINIMUM	-	-	-2.6	-10.9	3.3	5.4	11.9	16.1	6.2	2.2	-3.6	-	-10.9

	DAY-HR	-	-	30-07	04-15	01-09	08-16	08-09	01-13	22-14	30-16	12-16	-	APR
	# OBS	-	-	59	715	740	715	737	740	713	736	283	-	5438
1996	MEAN	-	-	-	1.8	4.1	6.9	13.9	18.9	16.2	9.1	4.4	-	10.1
	MAXIMUM	-	-	-	8.6	15.3	15.0	20.4	22.6	22.9	15.6	11.6	-	22.9
	DAY-HR	-	-	-	19-03	19-10	30-14	01-01	24-00	08-21	17-20	06-23	-	SEP
	MINIMUM	-	-	-	-2.8	0.2	2.8	9.6	14.3	10.0	-1.7	-0.7	-	-2.8
	DAY-HR	-	-	-	08-16	01-14	05-13	06-14	10-11	29-19	31-17	01-16	-	APR
	# OBS	-	-	-	549	739	713	833	786	717	733	476	-	5546
1997	MEAN	-	-	-0.9	1.8	4.0	8.9	16.8	17.5	15.5	9.5	8.5	-	9.7
	MAXIMUM	-	-	33.0	7.4	8.9	17.1	23.8	21.5	19.8	18.0	12.3	-	33.0
	DAY-HR	-	-	15-16	06-04	27-01	10-01	24-23	02-21	19-03	13-09	01-11	-	MAR
	MINIMUM	-	-	-10.4	-7.2	0.7	4.9	10.7	13.7	9.8	0.4	4.9	-	-10.4
	DAY-HR	-	-	16-13	08-12	16-22	16-17	06-14	11-08	30-23	27-15	02-15	-	MAR
	# OBS	-	-	397	711	733	717	727	732	709	727	36	-	5489
1998	MEAN	-	-	0.1	4.7	9.6	14.1	19.6	21.1	19.4	11.7	5.2	-	12.2
	MAXIMUM	-	-	9.7	12.9	15.9	20.7	25.3	24.4	22.5	17.7	11.2	-	25.3
	DAY-HR	-	-	30-04	21-23	29-03	29-06	22-01	10-22	06-22	17-05	01-00	-	JUL
	MINIMUM	-	-	-9.2	1.4	5.3	7.7	15.8	15.8	14.0	5.3	2.2	-	-9.2
	DAY-HR	-	-	11-13	16-06	03-09	02-17	06-14	18-14	21-23	21-18	04-04	-	MAR
	# OBS	-	-	660	687	708	692	727	710	450	734	111	-	5479
1999	MEAN	-	-	2.1	4.3	7.9	13.4	19.5	19.3	16.7	9.7	6.8	-	11.9
	MAXIMUM	-	-	7.7	9.5	12.7	21.0	24.7	24.9	23.2	15.2	13.0	-	24.9
	DAY-HR	-	-	31-23	29-22	31-21	26-23	31-05	01-01	05-20	13-01	01-23	-	AUG
	MINIMUM	-	-	-2.4	0.9	3.9	6.4	14.6	9.2	2.7	1.2	1.2	-	-2.4
	DAY-HR	-	-	25-17	11-21	09-11	01-12	10-02	10-06	21-14	24-12	16-15	-	MAR
	# OBS	-	-	313	718	738	719	737	736	716	742	425	-	5844
2000	MEAN	-	-	1.6	3.2	7.2	12.2	17.4	19.1	15.8	11.5	7.0	-	11.0
	MAXIMUM	-	-	8.5	8.8	12.6	16.7	21.3	23.2	23.3	17.9	15.2	-	23.3
	DAY-HR	-	-	09-04	27-20	31-19	27-06	30-23	15-23	01-03	02-00	02-01	-	SEP
	MINIMUM	-	-	-6.6	-2.6	4.1	7.2	12.2	14.0	7.3	3.9	-1.6	-	-6.6
	DAY-HR	-	-	10-15	10-15	01-14	03-09	18-14	03-14	27-15	08-18	18-15	-	MAR
	# OBS	-	-	577	709	737	720	742	744	718	741	422	-	6110
2001	MEAN	-	-	-1.1	3.7	6.2	11.5	18.2	20.6	15.5	9.6	8.0	-	11.4
	MAXIMUM	-	-	2.7	10.0	14.8	19.2	23.4	25.7	22.0	15.8	12.4	-	25.7
	DAY-HR	-	-	22-20	07-22	20-20	30-22	22-23	07-22	08-04	03-05	01-03	-	AUG
	MINIMUM	-	-	-8.8	-0.8	3.5	4.6	10.1	15.0	8.1	3.4	3.1	-	-8.8
	DAY-HR	-	-	25-15	17-13	12-11	02-09	01-15	31-16	25-13	27-16	09-07	-	MAR
	# OBS	-	-	235	717	744	716	744	744	710	708	387	-	5705
POR	MEAN	-3.3	-4.0	-0.1	3.0	5.8	10.4	17.1	19.1	15.6	9.7	4.6	-1.1	10.4
	MAXIMUM	5.3	4.3	33.0	12.9	15.9	23.3	27.3	26.1	23.7	19.4	15.2	10.1	33.0
	YEAR	1992	1991	1997	1998	1998	1995	1991	1993	1983	1983	2000	1982	MAR/1997
	MINIMUM	-17.2	-16.8	-16.3	-10.9	-0.5	2.8	5.7	9.9	4.7	-1.7	-7.4	-17.2	-17.2
	YEAR	1992	1989	1989	1995	1981	1996	1982	1986	1993	1996	1991	1990	JAN/1992
	# OBS	1961	2028	3985	10805	14248	15471	16307	16308	15460	16446	9354	2322	124695

STATION: 45002 -- POR (9/1979 - 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	-	-	-	-	-	-	-	-	16.0	11.7	6.8	5.3	8.8
	MAXIMUM	-	-	-	-	-	-	-	-	17.1	15.6	8.8	6.1	17.1
	DAY-HR	-	-	-	-	-	-	-	-	08-23	02-09	04-21	06-00	SEP
	MINIMUM	-	-	-	-	-	-	-	-	14.3	7.7	6.0	4.6	4.6
	DAY-HR	-	-	-	-	-	-	-	-	25-13	26-12	28-21	18-14	DEC
	# OBS	-	-	-	-	-	-	-	-	194	245	241	463	1143
1980	MEAN	-	-	-	-	2.8	4.5	14.5	18.4	16.1	10.7	6.4	4.9	10.6
	MAXIMUM	-	-	-	-	3.3	10.6	19.2	19.8	18.6	13.9	7.8	5.3	19.8
	DAY-HR	-	-	-	-	31-23	24-23	31-18	03-21	08-23	01-06	01-00	01-04	AUG
	MINIMUM	-	-	-	-	2.2	3.0	6.5	17.5	13.4	7.6	5.2	0.3	0.3
	DAY-HR	-	-	-	-	07-12	01-10	01-15	30-14	30-13	28-12	27-16	04-17	DEC
	# OBS	-	-	-	-	606	719	738	743	714	741	720	90	5071
1981	MEAN	-	-	-	1.9	2.6	6.7	17.3	19.3	16.1	8.9	6.8	-	10.7
	MAXIMUM	-	-	-	2.2	3.4	13.9	20.8	21.0	20.1	11.2	8.2	-	21.0
	DAY-HR	-	-	-	25-19	31-20	27-22	20-00	21-21	01-00	01-08	01-22	-	AUG
	MINIMUM	-	-	-	1.3	1.9	3.1	10.8	17.4	10.9	7.2	5.7	-	1.3
	DAY-HR	-	-	-	21-02	02-12	01-14	01-14	17-12	30-22	27-14	29-15	-	APR
	# OBS	-	-	-	241	741	716	741	742	716	719	697	-	5313

1982	MEAN	-	-	-	0.9	1.9	3.3	12.3	17.7	15.4	12.1	8.9	7.7	9.6
	MAXIMUM	-	-	-	1.5	2.8	3.9	19.2	22.4	16.9	14.9	10.3	9.2	22.4
	DAY-HR	-	-	-	30-18	30-20	30-23	27-22	07-23	02-00	01-08	01-18	02-11	AUG
	MINIMUM	-	-	-	0.3	1.1	2.5	3.6	15.9	13.3	9.8	7.5	7.3	0.3
	DAY-HR	-	-	-	22-06	09-06	02-09	01-12	30-09	27-04	30-03	30-23	01-08	APR
	# OBS	-	-	-	383	742	718	744	743	719	744	720	36	5549
1983	MEAN	-	-	3.0	3.1	3.9	10.3	18.7	21.2	19.2	13.9	9.4	5.7	12.2
	MAXIMUM	-	-	3.1	3.4	6.0	17.8	24.2	23.4	22.0	16.9	12.1	6.6	24.2
	DAY-HR	-	-	31-23	30-19	28-22	24-01	21-00	05-23	01-23	01-21	02-22	01-01	JUL
	MINIMUM	-	-	2.8	2.8	3.0	4.3	13.6	19.9	16.5	11.7	6.6	4.8	2.8
	DAY-HR	-	-	30-04	17-16	10-07	01-11	05-10	12-08	30-15	31-08	30-23	08-14	APR
	# OBS	-	-	49	712	744	718	733	743	719	741	717	228	6104
1984	MEAN	-	-	-	1.7	2.5	5.0	14.0	19.9	16.1	13.5	9.4	8.1	11.0
	MAXIMUM	-	-	-	2.0	3.2	10.9	19.2	24.4	19.1	15.3	11.7	8.1	24.4
	DAY-HR	-	-	-	29-20	29-21	19-22	31-00	13-21	01-00	01-20	01-16	01-16	AUG
	MINIMUM	-	-	-	1.0	1.8	3.0	7.4	17.6	14.7	11.3	7.9	8.0	1.0
	DAY-HR	-	-	-	20-10	01-06	03-11	01-14	02-11	30-14	31-18	29-09	01-17	APR
	# OBS	-	-	-	264	734	715	739	741	717	742	707	18	5377
1985	MEAN	-	-	-	2.0	2.8	5.7	15.5	18.5	17.4	12.9	11.0	-	11.0
	MAXIMUM	-	-	-	2.7	3.9	12.0	19.6	21.1	19.5	15.7	12.0	-	21.1
	DAY-HR	-	-	-	30-21	29-19	29-06	14-21	05-00	08-21	01-04	04-10	-	AUG
	MINIMUM	-	-	-	1.2	1.9	3.1	9.7	17.1	13.2	11.8	9.3	-	1.2
	DAY-HR	-	-	-	28-10	03-12	06-11	01-12	01-13	25-12	31-23	12-06	-	APR
	# OBS	-	-	-	539	730	719	732	741	705	740	327	-	5233
1986	MEAN	-	-	-	-	-	5.6	14.6	18.5	15.3	12.1	9.6	-	13.6
	MAXIMUM	-	-	-	-	-	10.5	20.4	21.3	18.7	16.0	10.0	-	21.3
	DAY-HR	-	-	-	-	-	29-16	31-23	07-23	02-23	01-20	01-21	-	AUG
	MINIMUM	-	-	-	-	-	3.5	9.4	16.0	13.7	9.7	8.0	-	3.5
	DAY-HR	-	-	-	-	-	13-12	03-12	31-19	17-12	31-23	06-23	-	JUN
	# OBS	-	-	-	-	-	483	741	740	653	739	143	-	3499
1987	MEAN	-	-	-	3.0	4.1	13.3	19.1	20.8	18.1	11.5	9.1	-	13.2
	MAXIMUM	-	-	-	3.2	8.6	18.8	22.2	23.5	19.8	16.7	9.6	-	23.5
	DAY-HR	-	-	-	30-23	31-23	24-01	25-23	03-01	15-22	01-04	04-21	-	AUG
	MINIMUM	-	-	-	2.4	2.8	7.9	15.9	19.0	16.7	9.0	8.6	-	2.4
	DAY-HR	-	-	-	13-08	05-10	01-11	01-13	31-19	22-16	31-15	10-20	-	APR
	# OBS	-	-	-	449	727	719	743	741	677	742	237	-	5035
1988	MEAN	-	-	1.2	1.8	2.8	7.6	16.9	20.6	16.8	12.5	7.8	-	11.0
	MAXIMUM	-	-	1.7	2.8	3.5	15.7	21.2	23.5	19.9	15.6	9.0	-	23.5
	DAY-HR	-	-	29-17	30-20	31-20	21-00	31-01	20-22	01-02	02-23	02-00	-	AUG
	MINIMUM	-	-	1.2	1.0	1.2	2.8	11.7	18.3	15.2	8.7	7.0	-	1.0
	DAY-HR	-	-	31-18	01-10	02-11	04-10	01-12	03-17	30-13	31-22	11-03	-	APR
	# OBS	-	-	55	719	742	719	742	737	714	742	265	-	5435
1989	MEAN	3.2	1.6	0.5	-	2.8	4.2	17.1	18.8	17.3	9.8	7.0	-	9.9
	MAXIMUM	4.0	3.2	0.9	-	3.1	13.1	22.4	21.2	20.5	13.7	8.3	-	22.4
	DAY-HR	12-01	02-21	01-20	-	31-23	29-22	23-18	04-21	06-22	01-00	01-07	-	JUL
	MINIMUM	2.0	0.4	0.1	-	2.1	2.8	6.6	16.7	12.9	7.1	4.8	-	0.1
	DAY-HR	20-03	21-11	03-05	-	23-08	04-10	01-01	08-05	29-11	17-00	21-01	-	MAR
	# OBS	480	667	106	-	278	712	735	735	719	744	502	-	5678
1990	MEAN	-	-	-	-	3.3	6.2	13.9	17.6	17.3	11.3	8.3	6.0	11.3
	MAXIMUM	-	-	-	-	3.9	12.9	21.0	19.8	20.9	14.8	9.6	7.3	21.0
	DAY-HR	-	-	-	-	30-19	30-21	26-22	04-23	05-21	01-00	02-04	01-08	JUL
	MINIMUM	-	-	-	-	2.9	3.3	9.4	16.0	14.3	9.1	7.2	4.7	2.9
	DAY-HR	-	-	-	-	25-12	01-11	13-15	07-13	30-14	29-05	30-10	30-11	MAY
	# OBS	-	-	-	-	155	719	739	744	716	738	718	744	5273
1991	MEAN	3.8	2.2	2.0	2.4	3.6	12.7	18.7	20.6	17.1	11.1	8.1	5.9	9.1
	MAXIMUM	5.0	3.2	2.4	3.5	7.9	20.4	21.2	22.5	20.8	13.3	9.6	7.0	22.5
	DAY-HR	02-04	12-19	06-01	24-21	31-18	20-21	10-22	20-22	13-21	04-09	02-01	02-01	AUG
	MINIMUM	1.4	1.0	1.4	1.5	2.6	5.9	15.2	19.4	7.9	9.3	6.7	4.9	1.0
	DAY-HR	31-10	01-10	20-13	02-10	06-21	01-11	02-03	05-12	26-09	31-15	29-01	31-23	FEB
	# OBS	743	672	742	719	742	719	742	739	720	742	720	743	8743
1992	MEAN	4.5	3.2	2.6	2.6	3.3	9.6	13.4	18.2	15.5	12.8	10.0	-	8.6
	MAXIMUM	5.2	3.8	3.1	3.0	4.8	17.4	18.2	20.4	17.8	14.9	11.0	-	20.4
	DAY-HR	09-21	06-23	08-20	30-22	30-19	14-01	31-22	15-22	01-21	04-20	01-10	-	AUG
	MINIMUM	2.9	2.7	1.2	1.1	2.8	3.7	9.0	16.2	13.7	10.8	9.5	-	1.1
	DAY-HR	23-21	17-14	18-10	28-11	09-11	01-08	02-22	01-18	30-11	31-08	03-02	-	APR
	# OBS	738	688	739	720	740	718	743	740	716	739	140	-	7421
1993	MEAN	-	-	-	2.1	2.9	5.7	16.8	20.3	20.5	11.8	9.3	-	10.5
	MAXIMUM	-	-	-	2.7	3.7	14.0	21.6	24.5	22.0	14.9	10.0	-	24.5
	DAY-HR	-	-	-	22-21	26-20	29-21	23-20	11-23	04-17	01-02	03-11	-	AUG
	MINIMUM	-	-	-	1.4	2.3	2.8	9.6	18.4	19.2	9.7	8.4	-	1.4
	DAY-HR	-	-	-	27-07	01-03	04-10	02-08	10-10	01-02	31-21	09-15	-	APR
	# OBS	-	-	-	537	740	717	740	743	100	743	209	-	4529

1994	MEAN	-	-	0.5	1.0	2.4	7.6	14.7	17.4	17.5	14.2	11.1	-	10.5
	MAXIMUM	-	-	0.6	1.8	3.2	17.3	19.4	20.0	19.8	16.6	11.6	-	20.0
	DAY-HR	-	-	31-23	30-23	31-22	27-23	28-22	25-21	03-19	01-03	06-10	-	AUG
	MINIMUM	-	-	0.4	0.0	1.3	2.6	8.8	15.8	16.1	10.9	10.5	-	0.0
	DAY-HR	-	-	30-15	01-10	13-10	04-08	02-12	09-14	05-18	29-02	04-21	-	APR
	# OBS	-	-	52	719	730	714	727	742	608	726	142	-	5160
1995	MEAN	-	-	2.3	2.5	3.3	10.5	17.3	21.8	18.2	12.6	9.7	-	12.1
	MAXIMUM	-	-	2.5	3.3	4.3	23.8	21.5	24.2	21.8	15.5	10.7	-	24.2
	DAY-HR	-	-	31-22	30-20	26-21	24-21	25-23	22-20	05-19	04-22	02-09	-	AUG
	MINIMUM	-	-	1.7	1.5	2.7	3.8	12.8	19.5	14.0	10.6	8.0	-	1.5
	DAY-HR	-	-	29-13	01-07	04-11	03-08	04-10	01-16	30-23	31-23	12-19	-	APR
	# OBS	-	-	59	715	740	715	736	737	703	736	283	-	5424
1996	MEAN	-	-	-	1.1	1.9	3.3	12.9	18.9	17.7	10.2	8.1	-	9.7
	MAXIMUM	-	-	-	1.8	2.7	11.2	19.0	21.9	23.1	13.4	8.5	-	23.1
	DAY-HR	-	-	-	28-22	30-19	30-23	27-21	30-20	08-20	02-08	07-07	-	SEP
	MINIMUM	-	-	-	0.1	1.3	2.4	7.6	16.0	11.9	8.0	7.5	-	0.1
	DAY-HR	-	-	-	08-16	05-10	01-11	05-21	01-19	27-06	31-22	01-15	-	APR
	# OBS	-	-	-	548	739	715	833	786	717	733	476	-	5547
1997	MEAN	-	-	1.1	1.5	2.4	5.1	16.0	18.1	16.0	11.7	10.5	-	9.5
	MAXIMUM	-	-	1.5	2.3	3.3	15.2	22.3	20.4	18.9	13.6	10.6	-	22.3
	DAY-HR	-	-	27-20	28-20	31-22	30-19	24-22	02-23	01-01	10-22	01-11	-	JUL
	MINIMUM	-	-	0.5	0.7	1.6	2.2	9.7	16.3	11.0	8.9	10.4	-	0.5
	DAY-HR	-	-	24-12	20-07	02-04	01-07	03-23	23-09	30-07	06-01	02-23	-	MAR
	# OBS	-	-	391	710	733	717	727	732	709	727	36	-	5482
1998	MEAN	-	-	3.2	3.5	7.5	13.0	19.4	21.7	20.2	14.2	11.9	-	12.6
	MAXIMUM	-	-	3.7	5.9	12.5	19.2	23.5	24.6	22.4	17.7	12.5	-	24.6
	DAY-HR	-	-	07-20	30-23	29-20	14-21	22-19	12-23	03-22	01-02	01-02	-	AUG
	MINIMUM	-	-	2.9	2.4	4.3	8.8	16.0	19.4	18.2	12.0	7.1	-	2.4
	DAY-HR	-	-	18-01	06-11	04-12	04-06	04-17	01-10	12-01	26-03	05-17	-	APR
	# OBS	-	-	660	687	708	692	727	708	450	734	111	-	5477
1999	MEAN	-	-	2.9	3.2	-	-	-	-	-	-	-	-	3.1
	MAXIMUM	-	-	3.4	7.3	-	-	-	-	-	-	-	-	7.3
	DAY-HR	-	-	29-21	11-06	-	-	-	-	-	-	-	-	APR
	MINIMUM	-	-	1.6	2.9	-	-	-	-	-	-	-	-	1.6
	DAY-HR	-	-	20-04	01-09	-	-	-	-	-	-	-	-	MAR
	# OBS	-	-	313	247	-	-	-	-	-	-	-	-	560
2000	MEAN	-	-	2.8	3.2	5.0	10.4	17.1	19.8	17.7	13.3	11.1	-	11.4
	MAXIMUM	-	-	3.2	3.9	12.0	14.8	20.0	22.4	20.1	15.3	12.6	-	22.4
	DAY-HR	-	-	14-05	22-19	31-21	30-21	15-22	14-18	08-22	03-20	01-22	-	AUG
	MINIMUM	-	-	1.5	1.9	3.1	6.5	13.5	18.4	13.2	12.3	9.6	-	1.5
	DAY-HR	-	-	11-05	26-04	03-12	02-18	02-13	20-13	30-15	31-14	18-16	-	MAR
	# OBS	-	-	576	709	737	720	741	744	718	741	422	-	6108
2001	MEAN	-	-	1.6	2.1	3.2	9.3	17.8	20.7	17.3	10.9	8.5	-	11.0
	MAXIMUM	-	-	2.1	2.6	4.3	16.5	22.4	24.0	20.8	14.8	9.3	-	24.0
	DAY-HR	-	-	22-22	30-23	31-17	30-23	22-20	07-21	01-21	02-21	12-20	-	AUG
	MINIMUM	-	-	1.1	1.4	2.6	3.7	13.2	18.8	12.9	7.9	8.0	-	1.1
	DAY-HR	-	-	22-11	01-11	04-08	05-11	03-14	16-18	29-03	31-10	10-20	-	MAR
	# OBS	-	-	235	717	744	716	744	744	711	744	387	-	5742
POR	MEAN	3.9	2.4	2.3	2.2	3.3	7.6	16.1	19.5	17.1	12.0	8.6	5.8	10.7
	MAXIMUM	5.2	3.8	3.7	7.3	12.5	23.8	24.2	24.6	23.1	17.7	12.6	9.2	24.6
	YEAR	1992	1992	1998	1999	1998	1995	1983	1998	1996	1998	2000	1982	AUG/1998
	MINIMUM	1.4	0.4	0.1	0.0	1.1	2.2	3.6	15.8	7.9	7.1	4.8	0.3	0.0
	YEAR	1991	1989	1989	1994	1982	1997	1982	1994	1991	1989	1989	1980	APR/1994
	# OBS	1961	2027	3977	10335	13552	14800	15587	15565	14115	15742	8920	2322	118903

STATION: 45002 -- POR (9/1979 - 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	-	-	-	-	-	-	-	-	1017.4	1011.8	1014.1	1017.4	1015.5
	MAXIMUM	-	-	-	-	-	-	-	-	1026.1	1026.1	1031.3	1036.8	1036.8
	DAY-HR	-	-	-	-	-	-	-	-	08-15	18-06	21-03	02-16	DEC
	MINIMUM	-	-	-	-	-	-	-	-	1007.4	996.0	985.8	986.3	985.8
	DAY-HR	-	-	-	-	-	-	-	-	06-10	23-06	26-18	05-14	NOV
	# OBS	-	-	-	-	-	-	-	-	194	245	242	463	1144
1980	MEAN	-	-	-	-	1016.2	1015.4	1015.2	-	-	-	-	-	1015.6
	MAXIMUM	-	-	-	-	1031.3	1028.8	1024.8	-	-	-	-	-	1031.3
	DAY-HR	-	-	-	-	16-17	04-18	06-13	-	-	-	-	-	MAY

	MINIMUM	988.1	991.6	1004.4	1000.1	1000.4	996.4	1002.7	999.9	998.1	999.8	992.0	-	988.1
	DAY-HR	23-20	28-12	16-23	21-08	01-22	17-22	03-10	30-05	18-13	09-15	02-19	-	JAN
	# OBS	738	684	738	720	740	718	743	740	717	739	141	-	7418
1993	MEAN	-	-	-	1013.2	1014.5	1014.7	1013.6	1015.3	1014.9	1013.7	1014.5	-	1014.3
	MAXIMUM	-	-	-	1030.5	1028.1	1025.8	1023.9	1024.7	1027.3	1027.2	1027.2	-	1030.5
	DAY-HR	-	-	-	26-17	29-14	16-11	15-16	08-18	16-06	22-17	09-17	-	APR
	MINIMUM	-	-	-	990.0	996.6	998.4	1000.5	1003.2	993.1	999.7	1000.5	-	990.0
	DAY-HR	-	-	-	24-21	24-10	09-11	06-01	24-01	09-14	28-20	05-10	-	APR
	# OBS	-	-	-	537	740	718	741	743	717	744	209	-	5149
1994	MEAN	-	-	1022.3	1014.3	1015.6	1013.3	1013.3	1015.4	1017.5	1015.6	1010.1	-	1014.9
	MAXIMUM	-	-	1028.7	1034.0	1028.5	1025.2	1023.5	1027.2	1028.7	1028.4	1019.3	-	1034.0
	DAY-HR	-	-	30-16	11-13	17-16	03-14	03-15	09-17	03-16	11-14	06-23	-	APR
	MINIMUM	-	-	1012.0	988.9	996.1	998.5	1003.5	998.8	1005.5	1001.2	1002.7	-	988.9
	DAY-HR	-	-	31-23	16-04	11-18	29-09	22-09	28-07	16-20	28-22	06-10	-	APR
	# OBS	-	-	52	719	731	714	729	741	577	632	142	-	5037
1995	MEAN	-	-	1017.0	1013.5	1013.1	1014.5	1011.3	1014.7	1017.0	1009.0	1010.9	-	1013.2
	MAXIMUM	-	-	1018.3	1028.7	1027.6	1024.4	1021.0	1024.9	1028.3	1025.6	1023.9	-	1028.7
	DAY-HR	-	-	30-05	10-15	26-15	16-18	30-12	22-16	23-17	31-03	01-04	-	APR
	MINIMUM	-	-	1015.7	988.9	992.0	997.7	1003.0	1002.2	1003.8	978.7	995.2	-	978.7
	DAY-HR	-	-	31-23	19-05	14-10	07-08	06-09	31-07	13-21	27-19	10-11	-	OCT
	# OBS	-	-	59	715	740	715	737	740	713	736	283	-	5438
1996	MEAN	-	-	-	1009.8	1016.6	1014.0	1013.2	1017.2	1012.8	1013.5	1011.6	-	1013.8
	MAXIMUM	-	-	-	1025.0	1029.5	1023.9	1025.3	1023.8	1024.7	1033.5	1019.8	-	1033.5
	DAY-HR	-	-	-	14-16	06-18	26-18	27-17	10-14	18-15	04-16	06-01	-	OCT
	MINIMUM	-	-	-	983.0	994.0	1004.1	999.8	1008.7	997.8	978.8	1002.0	-	978.8
	DAY-HR	-	-	-	26-00	19-13	22-04	08-19	14-19	27-10	30-09	07-03	-	OCT
	# OBS	-	-	-	549	739	714	833	786	717	733	476	-	5547
1997	MEAN	-	-	1014.5	1014.5	1012.8	1013.0	1014.3	1015.0	1013.2	1015.3	993.3	-	1013.9
	MAXIMUM	-	-	1033.7	1032.6	1029.4	1024.8	1027.9	1023.8	1031.0	1032.8	1000.8	-	1033.7
	DAY-HR	-	-	18-18	09-16	27-16	08-15	30-14	11-16	03-16	16-15	01-00	-	MAR
	MINIMUM	-	-	995.6	986.8	990.3	995.0	993.9	995.2	998.4	988.1	988.1	-	984.7
	DAY-HR	-	-	21-17	06-18	01-09	16-08	02-18	15-17	29-18	31-08	02-12	-	SEP
	# OBS	-	-	387	711	733	717	727	732	709	727	36	-	5479
1998	MEAN	-	-	1016.4	1014.5	1011.3	1009.2	1013.4	1015.9	1012.5	-	-	-	1013.3
	MAXIMUM	-	-	1036.1	1031.7	1019.7	1022.6	1025.0	1027.6	1022.2	-	-	-	1036.1
	DAY-HR	-	-	16-15	28-15	22-16	08-18	31-19	01-14	16-15	-	-	-	MAR
	MINIMUM	-	-	995.8	997.6	991.5	989.2	1003.1	1000.4	1002.7	-	-	-	989.2
	DAY-HR	-	-	30-06	01-08	31-10	12-09	28-20	24-07	20-22	-	-	-	JUN
	# OBS	-	-	660	687	708	692	723	705	449	-	-	-	4624
1999	MEAN	-	-	1019.5	1016.3	1014.3	1015.9	1013.1	1015.4	1014.2	1016.8	1016.7	-	1015.5
	MAXIMUM	-	-	1030.9	1033.5	1027.8	1027.4	1023.0	1029.5	1025.0	1029.7	1032.0	-	1033.5
	DAY-HR	-	-	19-17	24-14	01-14	19-14	11-16	30-16	17-16	03-17	07-16	-	APR
	MINIMUM	-	-	997.8	996.9	992.0	1001.6	999.1	999.2	1002.8	994.6	1001.3	-	992.0
	DAY-HR	-	-	18-00	16-15	06-21	28-22	31-05	13-09	23-13	22-08	13-22	-	MAY
	# OBS	-	-	313	716	739	718	737	736	716	742	425	-	5842
2000	MEAN	-	-	1016.6	1016.6	1011.6	1013.1	1015.1	1016.1	1014.8	1020.2	1012.6	-	1015.3
	MAXIMUM	-	-	1035.2	1031.9	1024.1	1027.4	1024.8	1028.2	1032.9	1034.6	1027.9	-	1035.2
	DAY-HR	-	-	17-18	13-02	19-13	03-14	07-16	20-15	05-16	28-17	11-16	-	MAR
	MINIMUM	-	-	986.5	989.3	995.7	989.4	1005.7	1001.3	996.8	998.1	997.8	-	986.5
	DAY-HR	-	-	27-16	06-07	24-01	16-11	02-09	06-23	19-20	02-14	16-19	-	MAR
	# OBS	-	-	577	709	737	720	740	744	718	741	422	-	6108
2001	MEAN	-	-	1018.6	1015.6	1013.8	1014.8	1015.1	1014.7	1017.0	1012.7	1018.9	-	1015.2
	MAXIMUM	-	-	1025.6	1033.7	1027.9	1024.3	1027.6	1023.4	1032.3	1037.3	1029.4	-	1037.3
	DAY-HR	-	-	27-18	28-17	05-15	27-16	27-14	13-17	14-15	30-14	12-14	-	OCT
	MINIMUM	-	-	1008.6	989.5	994.1	997.2	1006.4	1004.3	1000.9	985.5	1002.3	-	985.5
	DAY-HR	-	-	31-22	12-16	22-01	02-12	23-22	31-00	20-04	25-15	01-13	-	OCT
	# OBS	-	-	235	717	744	715	744	744	711	744	387	-	5741
POR	MEAN	1016.5	1018.5	1016.0	1014.6	1014.8	1014.0	1014.6	1015.9	1015.9	1016.0	1014.8	1017.5	1015.3
	MAXIMUM	1041.6	1049.8	1036.1	1038.2	1033.9	1029.7	1027.9	1029.5	1039.3	1037.3	1041.8	1041.6	1049.8
	YEAR	1991	1989	1998	1992	1987	1991	1997	1999	1985	2001	1984	1991	FEB/1989
	MINIMUM	988.1	991.6	977.4	983.0	986.1	989.2	992.5	995.2	984.7	978.7	972.2	986.3	972.2
	YEAR	1992	1992	1991	1996	1985	1998	1997	1997	1995	1998	1988	1979	NOV/1988
	# OBS	1952	2023	3973	10807	14308	15516	15916	15558	14716	14914	8520	2232	120435

STATION: 45002 -- POR (9/1979 - 11/2001)

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

ELEMENT: AVERAGE WIND SPEED (KNOTS)

YEAR ELEMENT JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC ANN

1979	MEAN	-	-	-	-	-	-	-	-	10.9	12.9	14.8	16.5	14.4
	MAXIMUM	-	-	-	-	-	-	-	-	23.7	26.4	28.6	32.5	32.5
	DAY-HR	-	-	-	-	-	-	-	-	10-15	13-03	01-18	15-08	DEC
	MINIMUM	-	-	-	-	-	-	-	-	1.2	0.8	0.2	1.0	0.2
	DAY-HR	-	-	-	-	-	-	-	-	29-00	29-18	09-09	18-13	NOV
	# OBS	-	-	-	-	-	-	-	-	194	246	244	463	1147
1980	MEAN	-	-	-	-	7.2	8.3	7.9	10.0	12.6	15.6	14.9	15.8	11.1
	MAXIMUM	-	-	-	-	20.6	23.5	19.6	21.6	31.3	30.3	27.6	31.5	31.5
	DAY-HR	-	-	-	-	11-06	08-04	14-19	12-03	20-06	26-08	22-23	02-15	DEC
	MINIMUM	-	-	-	-	0.0	0.0	0.0	0.0	0.2	1.4	0.0	3.7	0.0
	DAY-HR	-	-	-	-	24-16	05-02	28-13	29-22	28-09	24-19	02-06	03-15	NOV
	# OBS	-	-	-	-	606	718	733	743	714	739	718	90	5061
1981	MEAN	-	-	-	7.2	7.5	7.1	7.0	7.3	10.0	11.0	10.8	-	8.6
	MAXIMUM	-	-	-	20.0	22.2	26.6	17.3	18.3	29.7	29.7	26.8	-	29.7
	DAY-HR	-	-	-	24-05	03-19	28-22	21-09	15-22	28-01	18-21	10-14	-	OCT
	MINIMUM	-	-	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
	DAY-HR	-	-	-	30-21	31-16	24-06	20-14	21-01	23-19	09-02	01-20	-	NOV
	# OBS	-	-	-	241	741	712	741	742	717	716	693	-	5303
1982	MEAN	-	-	-	9.1	6.2	6.2	7.2	7.8	11.1	11.3	11.7	8.0	8.9
	MAXIMUM	-	-	-	19.4	15.2	15.4	22.2	20.8	21.2	27.6	25.7	15.2	27.6
	DAY-HR	-	-	-	20-20	16-03	07-12	18-05	21-01	20-23	20-21	12-21	02-10	OCT
	MINIMUM	-	-	-	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0	3.7	0.0
	DAY-HR	-	-	-	30-03	30-23	27-15	29-08	15-08	28-06	08-17	23-05	01-17	NOV
	# OBS	-	-	-	383	512	717	744	743	719	743	720	36	5317
1983	MEAN	-	-	9.5	10.4	-	-	7.5	8.4	11.7	11.4	12.8	-	10.6
	MAXIMUM	-	-	14.8	27.0	-	-	23.1	22.4	23.5	27.8	27.6	-	27.8
	DAY-HR	-	-	30-09	14-23	-	-	31-21	11-11	07-01	14-13	24-05	-	OCT
	MINIMUM	-	-	2.3	0.0	-	-	0.0	0.0	0.0	0.0	0.2	-	0.0
	DAY-HR	-	-	30-22	28-23	-	-	30-14	30-11	17-18	29-23	17-21	-	OCT
	# OBS	-	-	49	711	-	-	227	743	715	741	621	-	3807
1984	MEAN	-	-	-	9.1	8.3	8.0	8.4	8.4	12.4	11.9	15.5	13.3	10.3
	MAXIMUM	-	-	-	26.2	26.2	24.3	19.8	20.6	26.0	30.9	28.4	16.1	30.9
	DAY-HR	-	-	-	30-19	01-00	08-09	23-01	27-00	26-02	19-19	22-18	01-12	OCT
	MINIMUM	-	-	-	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.2	10.1	0.0
	DAY-HR	-	-	-	20-22	06-15	28-21	29-00	24-21	19-13	29-07	13-18	01-04	OCT
	# OBS	-	-	-	264	734	715	739	740	717	742	713	18	5382
1985	MEAN	-	-	-	9.3	7.7	6.6	7.4	8.9	11.7	13.6	-	-	9.2
	MAXIMUM	-	-	-	27.2	27.2	25.3	23.3	21.4	33.0	33.0	-	-	33.0
	DAY-HR	-	-	-	10-14	04-23	22-09	25-03	25-13	24-05	08-15	-	-	OCT
	MINIMUM	-	-	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	0.0
	DAY-HR	-	-	-	28-19	30-22	30-13	29-07	31-09	29-05	19-08	-	-	OCT
	# OBS	-	-	-	540	733	719	734	741	705	638	-	-	4810
1986	MEAN	-	-	-	-	-	7.4	6.9	9.3	9.4	11.4	12.8	-	9.1
	MAXIMUM	-	-	-	-	-	21.4	27.2	25.3	27.2	31.1	23.3	-	31.1
	DAY-HR	-	-	-	-	-	27-00	04-15	27-03	10-07	06-02	04-01	-	OCT
	MINIMUM	-	-	-	-	-	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
	DAY-HR	-	-	-	-	-	30-09	31-14	29-01	28-20	29-04	05-00	-	NOV
	# OBS	-	-	-	-	-	483	740	741	655	738	143	-	3500
1987	MEAN	-	-	-	9.2	8.0	7.7	7.9	10.9	10.4	14.3	14.1	-	10.0
	MAXIMUM	-	-	-	23.3	21.4	23.3	25.3	29.2	25.3	33.0	27.2	-	33.0
	DAY-HR	-	-	-	30-02	19-01	11-18	09-12	02-03	30-17	02-19	06-02	-	OCT
	MINIMUM	-	-	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
	DAY-HR	-	-	-	24-22	27-11	30-19	30-04	26-10	26-16	29-18	10-21	-	NOV
	# OBS	-	-	-	449	726	718	743	740	677	742	237	-	5032
1988	MEAN	-	-	9.8	10.5	7.7	8.8	7.6	11.2	14.3	16.3	14.4	-	11.1
	MAXIMUM	-	-	18.5	27.6	26.0	26.2	29.4	28.2	30.3	34.8	35.8	-	35.8
	DAY-HR	-	-	30-12	06-11	13-07	22-07	15-20	25-21	05-00	28-11	06-05	-	NOV
	MINIMUM	-	-	2.7	0.0	0.0	0.0	0.0	0.4	0.8	0.4	0.8	-	0.0
	DAY-HR	-	-	31-19	26-05	05-11	04-15	25-09	10-07	24-16	09-20	04-10	-	JUL
	# OBS	-	-	55	720	742	719	742	739	715	742	266	-	5440
1989	MEAN	18.4	17.0	21.1	-	7.4	6.8	7.4	9.5	11.9	14.3	17.1	-	12.2
	MAXIMUM	38.1	34.0	34.8	-	25.9	17.1	22.4	25.5	33.4	30.1	35.2	-	38.1
	DAY-HR	22-01	08-15	04-02	-	30-02	06-01	28-02	06-11	23-01	11-22	16-18	-	JAN
	MINIMUM	0.2	0.0	4.1	-	0.2	0.0	0.2	0.4	0.2	0.0	0.0	-	0.0
	DAY-HR	17-21	20-22	02-23	-	21-02	20-18	04-05	28-03	16-17	13-18	02-02	-	NOV
	# OBS	480	668	107	-	279	717	739	735	719	744	502	-	5690
1990	MEAN	-	-	-	-	9.5	10.7	9.2	10.5	11.3	-	-	-	10.4
	MAXIMUM	-	-	-	-	18.9	21.8	21.0	26.2	24.7	-	-	-	26.2
	DAY-HR	-	-	-	-	28-21	12-13	08-11	19-04	23-11	-	-	-	AUG
	MINIMUM	-	-	-	-	1.2	0.4	0.6	0.8	0.4	-	-	-	0.4
	DAY-HR	-	-	-	-	29-20	15-05	23-19	23-09	26-18	-	-	-	SEP
	# OBS	-	-	-	-	169	719	739	744	711	-	-	-	3082

1991	MEAN	-	-	-	-	8.7	9.0	8.3	-	-	-	-	-	8.8
	MAXIMUM	-	-	-	-	19.2	17.5	19.6	-	-	-	-	-	19.6
	DAY-HR	-	-	-	-	29-11	28-00	06-11	-	-	-	-	-	JUL
	MINIMUM	-	-	-	-	0.0	0.0	0.2	-	-	-	-	-	0.0
	DAY-HR	-	-	-	-	20-22	20-18	07-01	-	-	-	-	-	JUN
	# OBS	-	-	-	-	282	719	207	-	-	-	-	-	1208
1992	MEAN	-	-	10.4	11.2	8.7	7.7	8.0	11.3	13.3	14.0	20.5	-	10.9
	MAXIMUM	-	-	28.6	30.1	20.6	25.1	24.1	26.2	27.6	34.6	34.4	-	34.6
	DAY-HR	-	-	27-03	06-16	24-06	17-21	02-00	30-06	28-17	16-22	02-07	-	OCT
	MINIMUM	-	-	0.0	0.4	0.2	0.0	0.0	0.4	0.2	0.2	10.3	-	0.0
	DAY-HR	-	-	28-20	23-19	22-10	10-06	23-22	19-22	15-20	21-19	04-09	-	JUL
	# OBS	-	-	177	720	740	718	743	740	717	739	141	-	5435
1993	MEAN	-	-	-	12.9	7.7	7.3	9.2	8.9	13.7	16.9	17.2	-	11.1
	MAXIMUM	-	-	-	32.3	20.0	23.3	24.7	24.5	32.9	34.8	29.9	-	34.8
	DAY-HR	-	-	-	16-01	31-03	26-20	29-22	31-08	09-11	01-08	07-22	-	OCT
	MINIMUM	-	-	-	0.0	0.0	0.0	0.0	0.0	0.2	1.7	1.6	-	0.0
	DAY-HR	-	-	-	27-04	21-16	29-20	22-19	18-11	18-21	18-20	04-09	-	AUG
	# OBS	-	-	-	537	740	718	741	744	717	744	209	-	5150
1994	MEAN	-	-	14.9	11.6	9.0	7.8	8.8	11.1	10.1	15.3	15.2	-	10.7
	MAXIMUM	-	-	22.2	25.3	25.5	23.1	23.3	26.8	26.2	32.7	26.2	-	32.7
	DAY-HR	-	-	31-22	16-13	11-11	29-23	11-23	28-04	26-05	28-20	06-20	-	OCT
	MINIMUM	-	-	5.1	0.4	0.0	0.0	0.0	0.0	0.2	1.2	1.0	-	0.0
	DAY-HR	-	-	30-11	20-14	25-16	24-04	26-06	22-10	03-13	13-13	02-09	-	AUG
	# OBS	-	-	52	719	734	716	731	741	609	726	141	-	5169
1995	MEAN	-	-	10.3	12.3	8.2	7.3	9.2	10.6	13.4	16.4	21.0	-	11.6
	MAXIMUM	-	-	20.2	29.9	20.6	20.6	23.3	24.1	31.3	35.6	33.2	-	35.6
	DAY-HR	-	-	30-01	04-13	09-11	07-17	05-16	09-16	22-20	17-17	11-14	-	OCT
	MINIMUM	-	-	0.6	0.0	0.4	0.0	0.2	0.0	0.8	0.6	3.7	-	0.0
	DAY-HR	-	-	31-17	08-06	04-20	10-02	08-13	06-00	01-21	26-16	02-08	-	AUG
	# OBS	-	-	59	715	740	715	736	740	713	736	283	-	5437
1996	MEAN	-	-	-	12.0	9.2	8.3	8.6	9.2	12.4	14.8	16.5	-	11.1
	MAXIMUM	-	-	-	28.0	27.2	22.0	24.1	24.1	31.3	31.7	27.6	-	31.7
	DAY-HR	-	-	-	13-03	19-13	02-10	18-16	06-02	12-23	30-15	04-02	-	OCT
	MINIMUM	-	-	-	0.0	0.2	0.2	0.0	0.0	0.4	0.2	5.4	-	0.0
	DAY-HR	-	-	-	28-08	22-07	16-09	21-04	30-19	05-16	08-23	06-01	-	AUG
	# OBS	-	-	-	549	739	715	833	786	717	733	476	-	5548
1997	MEAN	-	-	13.3	11.1	9.9	8.4	9.1	11.0	14.2	14.3	15.6	-	11.3
	MAXIMUM	-	-	34.0	31.7	28.8	26.0	25.3	25.1	29.5	32.7	21.6	-	34.0
	DAY-HR	-	-	15-01	07-02	01-09	16-00	02-19	15-10	19-07	21-17	02-13	-	MAR
	MINIMUM	-	-	0.2	0.0	0.0	0.0	0.0	0.0	0.4	0.0	10.3	-	0.0
	DAY-HR	-	-	19-04	21-05	31-16	01-03	24-23	25-21	26-16	10-20	02-00	-	OCT
	# OBS	-	-	380	710	729	717	727	732	708	727	36	-	5466
1998	MEAN	-	-	16.0	10.1	8.7	8.5	9.5	10.1	12.4	14.6	17.4	-	11.3
	MAXIMUM	-	-	36.4	28.0	22.4	29.0	25.7	26.8	26.2	31.1	24.5	-	36.4
	DAY-HR	-	-	09-17	01-03	31-17	01-21	27-07	15-00	10-23	18-14	03-00	-	MAR
	MINIMUM	-	-	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.2	3.9	-	0.0
	DAY-HR	-	-	07-19	30-23	04-20	14-18	22-18	29-05	04-15	26-16	05-17	-	AUG
	# OBS	-	-	660	687	708	692	727	709	450	737	111	-	5481
1999	MEAN	-	-	14.8	10.8	9.9	9.1	10.0	10.7	13.0	15.7	16.5	-	11.9
	MAXIMUM	-	-	31.3	26.4	31.9	28.4	27.0	28.8	25.9	32.7	28.2	-	32.7
	DAY-HR	-	-	21-17	04-06	06-22	29-03	10-00	16-15	26-15	23-15	13-18	-	OCT
	MINIMUM	-	-	0.4	0.4	0.0	0.0	0.0	0.2	0.4	1.4	0.6	-	0.0
	DAY-HR	-	-	20-03	14-08	19-04	20-20	30-04	26-22	28-01	27-09	13-00	-	JUL
	# OBS	-	-	313	720	738	718	737	736	716	742	425	-	5845
2000	MEAN	-	-	11.7	11.9	9.0	10.2	9.4	9.9	15.3	13.3	16.4	-	11.7
	MAXIMUM	-	-	28.0	31.9	21.0	30.5	32.3	28.6	29.0	29.9	27.6	-	32.3
	DAY-HR	-	-	27-04	20-23	25-01	16-11	02-09	15-07	30-01	07-14	03-09	-	JUL
	MINIMUM	-	-	0.4	0.4	0.0	0.4	0.2	0.4	0.6	0.0	1.4	-	0.0
	DAY-HR	-	-	31-05	27-20	23-16	25-10	21-00	04-20	08-21	17-09	16-11	-	OCT
	# OBS	-	-	577	709	737	720	742	744	718	741	422	-	6110
2001	MEAN	-	-	11.4	11.5	8.8	8.8	9.0	11.0	13.7	16.7	15.1	-	11.6
	MAXIMUM	-	-	26.0	29.4	22.2	28.4	25.7	24.7	34.6	35.6	32.3	-	35.6
	DAY-HR	-	-	24-04	12-18	10-13	18-21	05-04	30-09	23-20	26-01	01-03	-	OCT
	MINIMUM	-	-	0.6	0.6	0.2	0.0	0.2	0.8	0.6	1.2	1.2	-	0.0
	DAY-HR	-	-	22-11	02-08	17-13	23-12	02-04	21-04	04-21	12-06	05-10	-	JUN
	# OBS	-	-	235	717	744	716	744	744	712	744	387	-	5743
POR	MEAN	18.4	17.0	13.6	10.9	8.4	8.1	8.4	9.8	12.3	14.1	14.9	15.8	10.8
	MAXIMUM	38.1	34.0	36.4	32.3	31.9	30.5	32.3	29.2	34.6	35.6	35.8	32.5	38.1
	YEAR	1989	1989	1998	1993	1999	2000	2000	1987	2001	2001	1988	1979	JAN/1989
	MINIMUM	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0
	YEAR	1989	1989	1998	1998	2000	2001	1999	1998	1987	2000	1989	1979	JUN/2001
	# OBS	480	668	2664	10091	12873	14801	15289	15567	14735	14900	7488	607	110163

STATION: 45002 -- 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	-	-	-	-	-	-	-	-	-	18.3	22.1	24.2	22.1
	MAXIMUM	-	-	-	-	-	-	-	-	-	41.6	40.4	46.3	46.3
	DAY-HR	-	-	-	-	-	-	-	-	-	13-03	01-18	07-22	DEC
	# OBS	-	-	-	-	-	-	-	-	-	245	244	463	952
1980	MEAN	-	-	-	-	9.3	11.0	10.3	13.3	17.2	21.5	21.0	22.0	15.1
	MAXIMUM	-	-	-	-	34.8	33.6	27.6	32.3	42.2	43.7	40.8	43.4	43.7
	DAY-HR	-	-	-	-	11-04	28-08	07-15	08-13	20-06	18-02	20-23	02-17	OCT
	# OBS	-	-	-	-	606	718	733	743	714	739	718	90	5061
1981	MEAN	-	-	-	9.4	9.5	9.2	9.3	9.9	14.1	15.2	14.8	-	11.6
	MAXIMUM	-	-	-	27.2	28.8	35.2	25.9	29.4	37.3	44.1	35.4	-	44.1
	DAY-HR	-	-	-	24-05	03-20	28-22	21-09	16-00	28-01	18-21	10-13	-	OCT
	# OBS	-	-	-	241	741	708	741	742	717	716	693	-	5299
1982	MEAN	-	-	-	12.2	7.8	7.6	9.4	10.7	15.4	15.9	17.3	10.3	12.2
	MAXIMUM	-	-	-	28.0	18.9	19.8	33.8	29.5	30.7	42.0	37.7	16.3	42.0
	DAY-HR	-	-	-	20-22	16-03	17-13	18-05	22-15	21-04	20-20	12-13	02-11	OCT
	# OBS	-	-	-	383	512	717	743	743	719	743	720	36	5316
1983	MEAN	-	-	12.2	13.5	-	-	10.1	11.6	16.7	16.8	19.3	-	15.1
	MAXIMUM	-	-	18.7	40.0	-	-	42.0	36.5	35.8	38.3	43.4	-	43.4
	DAY-HR	-	-	30-09	14-23	-	-	31-21	11-11	07-01	14-14	24-07	-	NOV
	# OBS	-	-	49	711	-	-	226	743	715	741	621	-	3806
1984	MEAN	-	-	-	12.1	10.1	9.6	10.0	10.2	15.4	14.8	19.6	16.5	12.8
	MAXIMUM	-	-	-	39.7	35.4	31.7	25.5	25.7	33.0	38.7	38.9	19.6	39.7
	DAY-HR	-	-	-	30-20	01-00	08-09	15-03	19-02	26-02	19-16	22-18	01-13	APR
	# OBS	-	-	-	264	734	715	739	740	717	742	713	18	5382
1985	MEAN	-	-	-	11.9	9.4	7.8	8.8	10.9	14.8	17.1	-	-	11.4
	MAXIMUM	-	-	-	35.0	35.0	29.2	27.2	29.2	42.8	42.8	-	-	42.8
	DAY-HR	-	-	-	10-17	31-23	22-09	25-03	18-04	24-03	08-15	-	-	OCT
	# OBS	-	-	-	538	720	696	713	712	686	638	-	-	4703
1986	MEAN	-	-	-	-	-	9.0	8.3	11.5	11.8	14.5	16.7	-	11.4
	MAXIMUM	-	-	-	-	-	29.2	35.0	33.0	33.0	36.9	29.2	-	36.9
	DAY-HR	-	-	-	-	-	12-01	04-15	02-01	10-07	31-16	04-02	-	OCT
	# OBS	-	-	-	-	-	482	739	740	655	738	143	-	3497
1987	MEAN	-	-	-	11.2	9.6	9.3	9.7	13.5	13.1	18.1	17.8	-	12.4
	MAXIMUM	-	-	-	35.0	25.3	29.2	36.9	36.9	33.0	40.8	35.0	-	40.8
	DAY-HR	-	-	-	27-19	19-05	18-23	09-12	02-03	30-17	02-19	06-02	-	OCT
	# OBS	-	-	-	449	726	717	742	740	677	742	237	-	5030
1988	MEAN	-	-	11.8	12.9	9.3	10.5	9.2	13.8	17.7	20.7	18.0	-	13.6
	MAXIMUM	-	-	22.7	34.4	35.4	48.0	36.5	35.0	37.5	44.1	45.5	-	48.0
	DAY-HR	-	-	30-12	06-11	15-08	22-07	15-20	25-21	05-02	28-11	06-05	-	JUN
	# OBS	-	-	55	720	741	719	741	735	714	742	265	-	5432
1989	MEAN	22.5	21.3	26.3	-	8.8	7.9	8.9	11.6	14.7	17.4	21.4	-	15.0
	MAXIMUM	44.9	44.9	42.0	-	32.7	21.4	26.6	33.0	43.4	38.1	46.9	-	46.9
	DAY-HR	21-21	08-14	04-02	-	30-02	06-01	28-06	04-23	23-01	11-21	16-15	-	NOV
	# OBS	480	667	106	-	275	711	733	735	718	744	502	-	5671
1990	MEAN	-	-	-	-	11.5	14.9	12.4	14.9	17.4	-	-	-	14.7
	MAXIMUM	-	-	-	-	24.9	43.7	38.5	41.6	44.3	-	-	-	44.3
	DAY-HR	-	-	-	-	29-06	04-00	03-21	19-04	23-11	-	-	-	SEP
	# OBS	-	-	-	-	169	715	739	744	711	-	-	-	3078
1991	MEAN	-	-	-	-	11.3	11.9	11.1	-	-	-	-	-	11.6
	MAXIMUM	-	-	-	-	28.6	32.1	34.4	-	-	-	-	-	34.4
	DAY-HR	-	-	-	-	29-12	28-00	06-11	-	-	-	-	-	JUL
	# OBS	-	-	-	-	282	719	207	-	-	-	-	-	1208
1992	MEAN	-	-	12.5	13.4	10.2	9.0	9.3	13.6	16.1	17.4	25.6	-	13.0
	MAXIMUM	-	-	33.8	39.9	27.0	38.3	29.7	34.0	34.8	43.4	42.2	-	43.4
	DAY-HR	-	-	27-03	06-16	01-15	17-21	02-00	30-05	28-16	16-22	02-07	-	OCT
	# OBS	-	-	177	719	740	718	743	740	716	737	140	-	5430
1993	MEAN	-	-	-	15.3	8.9	8.4	10.9	10.7	16.8	20.9	21.6	-	13.4
	MAXIMUM	-	-	-	40.6	30.1	27.2	28.8	28.4	40.0	44.1	36.9	-	44.1

	DAY-HR	-	-	-	16-01	30-22	26-20	29-22	31-08	09-13	01-08	07-22	-	OCT
	# OBS	-	-	-	537	740	718	740	742	717	743	209	-	5146
1994	MEAN	-	-	17.9	13.9	10.4	9.0	10.4	13.3	12.0	18.7	18.4	-	12.7
	MAXIMUM	-	-	27.0	31.9	30.3	27.4	27.2	35.2	30.7	41.4	32.7	-	41.4
	DAY-HR	-	-	30-23	16-13	11-12	29-23	11-23	28-04	26-05	28-22	06-21	-	OCT
	# OBS	-	-	52	719	730	712	725	739	609	724	140	-	5150
1995	MEAN	-	-	12.5	14.6	9.4	8.3	10.8	12.5	16.4	20.0	26.2	-	13.8
	MAXIMUM	-	-	23.9	38.1	23.9	25.7	28.4	29.4	40.0	44.5	40.8	-	44.5
	DAY-HR	-	-	30-00	04-11	17-04	07-17	05-16	09-16	07-11	17-16	11-15	-	OCT
	# OBS	-	-	58	715	740	715	736	740	713	736	283	-	5436
1996	MEAN	-	-	-	14.1	10.6	9.4	10.1	10.7	14.7	17.9	20.2	-	13.1
	MAXIMUM	-	-	-	34.2	32.7	26.4	29.7	32.3	38.3	41.8	35.8	-	41.8
	DAY-HR	-	-	-	26-11	19-13	02-10	18-16	14-13	13-01	30-15	01-01	-	OCT
	# OBS	-	-	-	549	739	715	833	786	717	733	476	-	5548
1997	MEAN	-	-	15.8	13.2	11.6	9.5	10.6	13.0	16.9	17.5	18.4	-	13.4
	MAXIMUM	-	-	38.5	44.9	34.6	33.0	30.9	30.7	35.8	40.2	24.7	-	44.9
	DAY-HR	-	-	17-07	06-23	01-09	25-01	02-19	15-10	19-07	21-19	02-12	-	APR
	# OBS	-	-	367	710	729	717	727	732	708	727	36	-	5453
1998	MEAN	-	-	19.5	11.8	10.1	9.9	11.3	12.0	14.9	17.8	22.0	-	13.5
	MAXIMUM	-	-	48.2	33.8	27.8	38.7	32.3	31.9	31.7	38.7	30.1	-	48.2
	DAY-HR	-	-	09-18	01-03	31-17	25-23	27-07	15-00	10-22	18-06	04-00	-	MAR
	# OBS	-	-	660	687	708	692	727	708	450	736	110	-	5478
1999	MEAN	-	-	17.8	12.6	11.4	10.6	11.8	12.8	15.8	19.3	20.1	-	14.2
	MAXIMUM	-	-	40.4	30.9	39.3	32.9	36.5	34.4	34.6	40.0	33.8	-	40.4
	DAY-HR	-	-	21-19	04-06	06-22	29-03	29-12	16-15	30-22	22-23	13-18	-	MAR
	# OBS	-	-	313	720	738	718	737	736	716	742	425	-	5845
2000	MEAN	-	-	14.2	14.1	10.4	11.8	11.1	11.8	18.6	16.1	20.1	-	13.9
	MAXIMUM	-	-	35.0	38.7	25.9	36.7	38.9	36.9	35.6	37.7	33.8	-	38.9
	DAY-HR	-	-	27-04	20-23	24-02	16-11	02-09	15-07	30-01	07-14	14-20	-	JUL
	# OBS	-	-	577	709	737	720	741	744	718	741	422	-	6109
2001	MEAN	-	-	13.8	13.5	10.1	10.0	10.7	13.0	16.6	20.1	18.1	-	13.8
	MAXIMUM	-	-	31.9	35.2	26.4	33.0	32.7	29.0	50.5	46.1	38.9	-	50.5
	DAY-HR	-	-	24-05	12-18	10-13	18-21	05-04	30-09	08-04	26-00	01-03	-	SEP
	# OBS	-	-	235	717	744	716	744	744	711	744	387	-	5742
POR	MEAN	22.5	21.3	16.5	13.2	9.9	9.8	10.2	12.2	15.6	17.9	19.5	22.8	13.4
	MAXIMUM	44.9	44.9	48.2	44.9	39.3	48.0	42.0	41.6	50.5	46.1	46.9	46.3	50.5
	YEAR	1989	1989	1998	1997	1999	1988	1983	1990	2001	2001	1989	1979	SEP/2001
	# OBS	480	667	2649	10088	12851	14758	15249	15528	14518	14893	7484	607	109772

STATION: 45002 -- 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	-	-	-	16.1	12.2	10.9	11.6	12.1	16.1	19.5	21.8	-	14.6
	MAXIMUM	-	-	-	36.5	42.6	27.6	35.2	33.4	39.1	42.6	35.8	-	42.6
	DAY-HR	-	-	-	19-02	19-13	02-09	18-15	14-13	12-23	30-15	01-00	-	OCT
	MINIMUM	-	-	-	1.6	2.5	3.3	1.6	1.6	2.5	2.9	6.6	-	1.6
	DAY-HR	-	-	-	28-07	16-19	15-03	21-03	11-01	05-07	09-14	06-00	-	AUG
	# OBS	-	-	-	492	785	715	811	785	715	734	474	-	5511
1997	MEAN	-	-	16.8	14.6	13.3	11.0	12.0	14.4	18.3	19.1	19.7	-	14.8
	MAXIMUM	-	-	43.0	44.9	36.0	36.4	32.1	30.7	39.7	41.0	27.8	-	44.9
	DAY-HR	-	-	15-03	06-22	05-13	25-01	02-17	15-09	17-06	21-17	02-11	-	APR
	MINIMUM	-	-	2.7	1.0	2.5	1.9	1.7	1.7	2.5	2.9	12.6	-	1.0
	DAY-HR	-	-	18-23	19-21	22-00	17-03	24-22	29-17	26-16	24-03	01-23	-	APR
	# OBS	-	-	342	710	705	717	726	732	708	727	35	-	5402
1998	MEAN	-	-	21.1	13.3	11.6	11.6	12.6	13.3	16.3	19.4	23.9	-	15.0
	MAXIMUM	-	-	48.2	36.5	27.8	38.7	32.3	36.4	34.4	40.4	31.7	-	48.2
	DAY-HR	-	-	09-17	16-20	31-16	25-22	27-06	14-23	10-22	18-05	04-00	-	MAR
	MINIMUM	-	-	1.0	0.8	1.9	1.6	1.4	1.7	2.7	2.3	11.3	-	0.8
	DAY-HR	-	-	06-00	30-22	12-16	23-15	18-13	29-05	06-19	30-23	01-21	-	APR
	# OBS	-	-	661	687	708	692	712	708	448	736	108	-	5460
1999	MEAN	-	-	19.4	14.0	12.9	12.1	13.4	14.2	17.3	21.1	21.7	-	15.7
	MAXIMUM	-	-	41.0	35.0	44.1	42.4	50.9	42.4	39.5	43.7	36.9	-	50.9
	DAY-HR	-	-	21-17	04-05	06-21	07-01	31-05	04-20	30-21	22-17	14-12	-	JUL
	MINIMUM	-	-	2.1	1.6	1.7	1.6	2.1	1.9	2.7	3.9	1.7	-	1.6

	DAY-HR	-	-	19-23	13-18	19-03	20-07	20-20	26-22	17-15	27-09	12-23	-	JUN
	# OBS	-	-	314	720	738	718	737	735	716	742	424	-	5844
2000	MEAN	-	-	15.8	15.6	12.0	13.4	12.6	13.2	20.3	17.5	21.7	-	15.5
	MAXIMUM	-	-	36.0	42.4	34.2	38.7	41.4	38.5	39.1	39.7	35.0	-	42.4
	DAY-HR	-	-	27-04	20-18	24-20	16-11	02-08	15-06	18-18	07-13	07-07	-	APR
	MINIMUM	-	-	2.9	1.0	1.6	1.6	1.6	2.5	3.5	2.7	5.2	-	1.0
	DAY-HR	-	-	23-19	27-19	02-23	03-07	07-19	14-16	08-18	17-09	16-11	-	APR
	# OBS	-	-	577	709	737	720	741	744	716	739	423	-	6106
2001	MEAN	-	-	15.7	15.1	11.7	11.6	12.2	14.4	18.1	21.8	19.6	-	15.3
	MAXIMUM	-	-	33.2	40.0	36.5	47.0	34.8	34.2	50.5	46.7	38.9	-	50.5
	DAY-HR	-	-	24-03	12-03	16-08	18-21	05-03	30-09	08-03	26-00	01-02	-	SEP
	MINIMUM	-	-	3.7	2.1	2.7	1.9	2.1	1.7	1.7	3.1	2.3	-	1.7
	DAY-HR	-	-	31-19	02-03	17-12	23-12	21-09	21-03	17-14	12-05	05-09	-	SEP
	# OBS	-	-	225	717	744	716	744	744	711	744	388	-	5733
POR	MEAN	-	-	18.1	14.7	12.3	11.8	12.4	13.6	17.8	19.8	21.4	-	15.2
	MAXIMUM	-	-	48.2	44.9	44.1	47.0	50.9	42.4	50.5	46.7	38.9	-	50.9
	YEAR	-	-	1998	1997	1999	2001	1999	2001	2001	2001	2001	-	JUL/1999
	MINIMUM	-	-	1.0	0.8	1.6	1.6	1.4	1.6	1.7	2.3	1.7	-	0.8
	YEAR	-	-	1998	1998	2000	2000	1998	1996	2001	1998	1999	-	APR/1998
	# OBS	-	-	2119	4035	4417	4278	4471	4448	4014	4422	1852	-	34056

STATION: 45002 -- POR (9/1979 - 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	-	-	-	-	-	-	-	-	1.1	1.2	1.6	1.9	1.5
	MAXIMUM	-	-	-	-	-	-	-	-	2.8	3.4	4.2	5.4	5.4
	DAY-HR	-	-	-	-	-	-	-	-	10-03	13-06	01-21	15-18	DEC
	# OBS	-	-	-	-	-	-	-	-	179	206	193	442	1020
1980	MEAN	-	-	-	-	0.4	0.5	0.5	0.7	1.0	1.3	1.3	1.4	0.8
	MAXIMUM	-	-	-	-	2.3	2.2	1.7	2.1	3.3	3.6	3.7	3.2	3.7
	DAY-HR	-	-	-	-	11-07	08-05	25-00	05-09	16-13	30-20	23-00	02-23	NOV
	# OBS	-	-	-	-	576	714	735	741	714	739	720	90	5029
1981	MEAN	-	-	-	0.6	0.6	0.5	0.5	0.5	0.9	1.1	1.0	-	0.7
	MAXIMUM	-	-	-	1.8	3.0	3.0	1.8	2.0	3.4	3.9	4.0	-	4.0
	DAY-HR	-	-	-	24-18	03-22	29-00	21-10	16-12	27-16	25-02	10-16	-	NOV
	# OBS	-	-	-	230	514	715	737	740	712	719	698	-	5065
1982	MEAN	-	-	-	0.8	0.4	0.4	0.5	0.6	1.1	1.2	1.3	0.6	0.8
	MAXIMUM	-	-	-	2.2	1.6	1.5	2.3	3.0	2.6	4.0	3.7	0.9	4.0
	DAY-HR	-	-	-	21-00	11-17	25-00	11-18	22-17	19-21	20-23	12-15	02-01	OCT
	# OBS	-	-	-	380	696	691	735	731	713	744	720	36	5446
1983	MEAN	-	-	0.7	0.9	0.5	0.4	0.6	0.7	1.2	1.1	1.6	1.1	0.9
	MAXIMUM	-	-	1.1	4.5	2.2	1.7	2.9	3.2	3.7	4.1	4.5	2.8	4.5
	DAY-HR	-	-	30-16	15-04	08-09	07-01	04-04	11-12	25-00	28-00	24-07	07-00	NOV
	# OBS	-	-	49	712	744	718	744	742	712	634	711	226	5992
1984	MEAN	-	-	-	0.8	0.6	0.5	0.6	0.6	-	1.1	1.6	0.9	0.8
	MAXIMUM	-	-	-	4.0	3.4	3.0	2.1	2.4	-	4.4	4.5	1.1	4.5
	DAY-HR	-	-	-	30-21	01-01	08-14	23-04	27-21	-	19-21	22-19	01-17	NOV
	# OBS	-	-	-	263	715	690	735	732	-	501	704	18	4358
1985	MEAN	-	-	-	-	-	-	-	-	0.7	1.0	1.0	-	1.0
	MAXIMUM	-	-	-	-	-	-	-	-	1.7	4.4	2.3	-	4.4
	DAY-HR	-	-	-	-	-	-	-	-	30-23	08-17	10-14	-	OCT
	# OBS	-	-	-	-	-	-	-	-	120	739	326	-	1185
1986	MEAN	-	-	-	-	-	0.5	0.5	0.7	0.8	1.0	1.1	-	0.7
	MAXIMUM	-	-	-	-	-	2.4	2.8	2.1	2.5	4.1	2.9	-	4.1
	DAY-HR	-	-	-	-	-	27-01	04-17	14-18	10-11	31-18	01-00	-	OCT
	# OBS	-	-	-	-	-	479	736	724	644	727	143	-	3453
1987	MEAN	-	-	-	0.6	0.5	0.5	0.6	0.8	0.8	1.2	1.1	-	0.7
	MAXIMUM	-	-	-	2.1	2.0	1.9	2.2	2.2	2.3	3.6	2.2	-	3.6
	DAY-HR	-	-	-	30-00	09-07	11-23	17-22	30-12	17-23	01-22	06-03	-	OCT
	# OBS	-	-	-	444	724	688	701	736	646	740	236	-	4915
1988	MEAN	-	-	0.5	0.6	0.4	0.4	0.3	0.7	1.0	1.2	1.0	-	0.7
	MAXIMUM	-	-	1.0	2.2	2.2	2.1	2.1	2.2	3.8	4.8	4.1	-	4.8
	DAY-HR	-	-	30-08	25-23	13-09	24-23	15-21	23-13	08-19	28-00	01-00	-	OCT
	# OBS	-	-	55	717	730	717	738	732	713	739	265	-	5406

1989	MEAN	1.4	1.0	0.6	-	0.3	0.2	0.3	0.5	0.8	1.0	1.4	-	0.7
	MAXIMUM	4.8	3.2	1.6	-	1.1	1.0	1.4	1.9	3.5	3.8	4.1	-	4.8
	DAY-HR	22-02	25-03	04-00	-	25-13	08-04	28-15	31-22	22-23	12-00	16-17	-	JAN
	# OBS	475	665	102	-	272	699	726	732	716	741	500	-	5628
1990	MEAN	-	-	-	-	0.1	-	-	0.6	0.8	1.3	1.3	1.3	1.0
	MAXIMUM	-	-	-	-	0.9	-	-	2.2	2.4	3.7	4.5	4.6	4.6
	DAY-HR	-	-	-	-	29-07	-	-	19-05	23-12	04-01	30-21	03-22	DEC
	# OBS	-	-	-	-	168	-	-	744	716	737	716	744	3825
1991	MEAN	1.2	0.9	0.9	0.7	0.4	0.4	0.4	-	-	1.1	1.4	1.2	0.9
	MAXIMUM	5.6	3.5	2.9	2.8	2.4	2.0	1.5	-	-	2.2	5.9	4.2	5.9
	DAY-HR	23-04	16-21	02-21	10-13	01-00	28-03	02-02	-	-	29-10	02-09	07-04	NOV
	# OBS	743	672	731	715	742	719	343	-	-	222	720	743	6350
1992	MEAN	1.0	0.8	0.7	0.7	0.4	0.3	0.3	0.6	0.9	1.0	1.8	-	0.7
	MAXIMUM	2.9	3.3	3.5	2.7	2.3	2.3	1.7	3.0	2.3	3.2	3.7	-	3.7
	DAY-HR	24-08	10-16	16-23	06-22	01-20	17-22	02-01	30-07	28-16	16-23	03-13	-	NOV
	# OBS	738	688	728	717	740	717	743	738	711	737	137	-	7394
1993	MEAN	-	-	-	0.8	0.3	0.3	0.4	0.4	0.9	1.3	1.5	-	0.7
	MAXIMUM	-	-	-	2.9	1.5	1.6	2.4	1.9	3.6	5.2	3.9	-	5.2
	DAY-HR	-	-	-	16-01	14-17	26-21	05-22	10-00	09-15	01-11	08-00	-	OCT
	# OBS	-	-	-	537	739	711	739	736	714	741	207	-	5124
1994	MEAN	-	-	0.9	0.7	0.4	0.3	0.4	0.6	0.5	1.1	1.0	-	0.6
	MAXIMUM	-	-	1.8	2.5	2.5	1.7	2.3	2.4	2.1	4.6	2.0	-	4.6
	DAY-HR	-	-	31-23	24-01	11-14	15-08	12-01	28-06	26-11	29-01	03-00	-	OCT
	# OBS	-	-	51	716	730	711	718	735	605	724	141	-	5131
1995	MEAN	-	-	0.5	0.7	0.3	0.2	0.5	0.6	0.9	1.3	1.8	-	0.7
	MAXIMUM	-	-	1.3	2.7	2.0	1.1	2.1	2.0	3.4	5.3	4.6	-	5.3
	DAY-HR	-	-	30-01	04-07	16-23	07-18	03-20	31-06	30-20	17-20	10-10	-	OCT
	# OBS	-	-	59	715	740	715	736	740	713	736	283	-	5437
1996	MEAN	-	-	-	0.7	0.4	0.2	0.3	0.4	0.7	1.1	1.1	-	0.6
	MAXIMUM	-	-	-	2.2	1.9	1.6	1.6	2.5	2.8	3.1	2.9	-	3.1
	DAY-HR	-	-	-	13-06	19-15	02-14	22-23	06-01	28-14	30-06	04-04	-	OCT
	# OBS	-	-	-	548	738	715	833	786	715	733	476	-	5544
1997	MEAN	-	-	0.8	0.6	0.5	0.3	0.4	0.6	0.9	1.0	1.0	-	0.6
	MAXIMUM	-	-	3.9	3.9	2.2	2.5	1.6	2.3	3.1	3.0	1.3	-	3.9
	DAY-HR	-	-	17-07	07-03	09-22	16-01	06-03	15-10	19-05	31-01	02-13	-	APR
	# OBS	-	-	331	709	730	717	724	732	708	727	36	-	5414
1998	MEAN	-	-	1.2	0.6	0.3	0.4	0.5	0.5	0.7	1.0	1.1	-	0.6
	MAXIMUM	-	-	4.0	2.4	1.8	3.0	2.1	1.7	2.6	4.3	1.8	-	4.3
	DAY-HR	-	-	09-19	12-22	16-16	02-00	27-07	20-14	11-02	18-09	04-03	-	OCT
	# OBS	-	-	660	686	708	692	724	702	447	732	110	-	5461
1999	MEAN	-	-	0.9	0.6	0.5	0.4	0.5	0.6	0.8	1.1	1.2	-	0.7
	MAXIMUM	-	-	2.7	2.4	3.1	1.8	2.8	2.8	3.0	3.5	2.6	-	3.5
	DAY-HR	-	-	29-01	01-05	07-17	14-15	15-00	17-00	26-22	08-09	13-23	-	OCT
	# OBS	-	-	313	714	740	718	737	736	716	742	425	-	5841
2000	MEAN	-	-	0.7	0.7	0.4	0.6	0.5	0.5	1.1	0.9	1.2	-	0.7
	MAXIMUM	-	-	2.9	2.7	1.4	2.9	2.5	2.2	3.5	2.6	2.5	-	3.5
	DAY-HR	-	-	09-17	20-22	13-20	21-02	08-23	15-09	30-01	07-22	07-09	-	SEP
	# OBS	-	-	577	709	737	720	740	744	716	739	422	-	6104
2001	MEAN	-	-	0.5	0.7	0.4	0.4	0.4	0.6	0.9	1.3	1.1	-	0.7
	MAXIMUM	-	-	1.7	3.1	2.0	2.4	1.7	2.1	3.3	5.0	3.4	-	5.0
	DAY-HR	-	-	24-04	12-21	10-21	19-10	01-18	16-00	23-21	29-00	01-12	-	OCT
	# OBS	-	-	235	716	744	715	744	742	710	743	386	-	5735
POR	MEAN	1.2	0.9	0.8	0.7	0.4	0.4	0.5	0.6	0.9	1.1	1.3	1.3	0.7
	MAXIMUM	5.6	3.5	4.0	4.5	3.4	3.0	2.9	3.2	3.8	5.3	5.9	5.4	5.9
	YEAR	1991	1991	1998	1983	1984	1998	1983	1983	1988	1995	1991	1979	NOV/1991
	# OBS	1956	2025	3891	10228	13227	13961	14368	14745	13340	15542	9275	2299	114857

STATION: 45002

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

Month: JAN

WIND SPEED	CALM	WIND DIRECTION											TOT %	TOT N
		35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31		
0	0.0	-	-	-	-	-	-	-	0.2	-	-	-	0.2	1
1 - 3		0.2	-	0.2	-	-	-	-	0.2	-	0.2	-	0.8	4
4 - 6		0.4	-	0.2	-	0.2	0.4	0.6	0.2	0.8	0.4	0.2	0.4	19
7 - 10		-	0.2	-	-	0.4	0.6	0.6	0.8	1.9	2.1	1.7	0.8	44
11 - 15		1.0	0.4	-	0.4	1.3	0.4	0.8	2.9	3.5	4.4	4.8	0.2	97

16 - 20	1.3	-	-	1.0	1.0	0.6	0.8	5.2	2.9	3.8	5.2	1.0	22.9	110
21 - 24	0.2	2.1	0.6	1.0	0.8	0.2	4.2	7.3	1.7	1.0	2.7	1.0	22.9	110
25 - 33	0.6	0.8	-	-	0.2	0.6	2.5	7.1	2.9	1.3	0.6	1.7	18.3	88
34 - 47	-	-	-	-	-	-	0.4	1.0	-	-	-	-	1.5	7
> 48	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.0	3.8	3.5	1.0	2.5	4.0	2.9	10.0	24.6	14.2	12.9	15.4	5.2	100.0
TOTAL N	0	18	17	5	12	19	14	48	118	68	62	74	25	480

(* < 0.05%)

STATION: 45002

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

Month: FEB

WIND SPEED	CALM	WIND DIRECTION												TOT %	TOT N
		35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
0	0.6	-	-	-	-	-	0.1	-	-	-	0.1	-	-	0.9	6
1 - 3		0.1	0.4	0.9	0.3	0.1	-	0.1	0.1	0.3	0.3	0.1	0.3	3.3	22
4 - 6		0.6	-	-	-	-	0.1	0.1	0.6	0.6	0.3	0.7	0.7	3.9	26
7 - 10		0.1	0.1	-	-	-	-	-	1.5	1.6	3.0	1.9	1.9	10.3	69
11 - 15		1.3	-	-	-	-	-	-	3.0	4.3	5.2	3.9	3.0	20.8	139
16 - 20		4.8	1.0	-	-	-	0.6	0.4	2.5	4.2	5.1	4.2	6.4	29.3	196
21 - 24		1.3	0.1	-	-	0.1	0.7	0.7	1.6	2.5	2.1	2.7	3.6	15.7	105
25 - 33		0.1	-	-	-	-	-	0.9	3.6	3.1	1.9	3.4	2.2	15.4	103
34 - 47		-	-	-	-	-	-	-	-	-	-	0.3	-	0.3	2
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.6	8.5	1.8	0.9	0.3	0.3	1.6	2.4	13.0	16.8	18.1	17.4	18.3	100.0	
TOTAL N	4	57	12	6	2	2	11	16	87	112	121	116	122		668

(* < 0.05%)

STATION: 45002

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	0.1	-	-	-	*	-	-	*	0.1	*	-	*	-	0.3	9
1 - 3		0.5	0.4	0.3	0.4	0.5	0.6	0.8	0.6	0.4	0.4	0.2	0.5	5.7	152
4 - 6		0.6	0.8	0.9	0.6	0.8	1.4	1.4	1.7	1.1	1.0	0.6	0.8	11.7	311
7 - 10		1.4	1.2	1.2	1.7	1.2	1.6	3.0	2.7	1.6	1.4	1.7	1.4	20.0	534
11 - 15		3.8	1.8	1.7	1.1	0.6	1.3	4.0	2.3	1.5	0.8	2.4	2.1	23.3	620
16 - 20		3.3	1.6	2.0	1.2	0.3	0.1	2.9	2.3	1.7	1.5	1.5	4.2	22.4	597
21 - 24		0.9	0.6	0.8	0.3	-	*	1.4	1.0	0.3	0.5	0.8	2.4	8.9	237
25 - 33		1.1	0.4	2.0	0.3	-	-	0.5	0.5	0.1	*	1.0	1.3	7.2	192
34 - 47		0.3	-	0.1	-	-	-	-	-	-	-	*	0.1	0.5	12
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.1	11.7	6.8	8.9	5.7	3.3	5.1	14.0	11.1	6.8	5.6	8.2	12.7	100.0	
TOTAL N	3	313	182	237	151	89	136	373	296	180	148	219	337		2664

(* < 0.05%)

STATION: 45002

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	0.6	0.1	*	*	*	*	-	0.1	*	*	*	*	*	1.0	98
1 - 3		0.7	0.7	0.7	0.8	0.6	0.5	0.6	0.7	0.8	0.5	0.5	0.6	7.7	781
4 - 6		1.4	1.8	1.7	1.3	1.1	1.0	1.9	2.2	1.5	1.0	1.2	1.5	17.5	1768
7 - 10		2.4	3.1	2.5	2.3	1.4	1.4	3.4	3.2	2.0	1.0	1.2	2.6	26.5	2671
11 - 15		3.1	3.1	3.1	1.8	0.9	0.8	3.6	3.2	0.9	0.9	1.3	2.4	24.9	2516
16 - 20		2.1	2.0	2.2	1.2	0.5	0.3	2.2	1.4	0.4	0.6	0.8	2.0	15.7	1583
21 - 24		0.6	0.6	0.7	0.4	0.1	*	0.8	0.3	0.2	0.2	0.2	0.6	4.6	467
25 - 33		0.2	0.4	0.2	0.2	-	-	0.3	0.1	0.2	0.1	0.1	0.3	2.1	207
34 - 47		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.6	10.6	11.7	10.9	7.8	4.6	4.0	12.8	11.1	6.0	4.3	5.5	10.1	100.0	
TOTAL N	64	1073	1182	1099	792	462	404	1293	1120	601	433	550	1018		10091

(* < 0.05%)

STATION: 45002

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

Month: MAY

WIND SPEED	CALM	WIND DIRECTION												TOT %	TOT N
		35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
0	0.8	0.1	*	*	0.1	*	*	0.1	0.1	*	*	-	*	1.2	160

1 - 3	0.9	0.9	0.9	0.8	0.7	0.8	0.8	0.8	0.9	0.8	0.6	0.8	9.8	1260
4 - 6	2.5	2.4	2.5	2.2	2.1	2.2	2.8	3.2	2.3	1.9	1.8	2.0	28.0	3599
7 - 10	3.1	3.4	2.7	2.6	2.2	1.9	4.7	5.9	2.6	1.3	1.3	2.0	33.7	4342
11 - 15	1.8	1.7	1.9	1.3	0.6	0.5	4.2	3.4	1.0	0.5	0.8	1.3	19.1	2456
16 - 20	0.6	0.4	0.2	0.4	0.1	0.1	1.7	1.5	0.3	0.3	0.3	0.8	6.8	875
21 - 24	0.1	*	*	*	-	*	0.4	0.2	*	0.1	0.1	0.2	1.2	154
25 - 33	*	*	-	-	-	*	0.1	*	-	*	*	*	0.2	27
34 - 47	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.8	9.0	9.0	8.4	7.5	5.7	5.5	14.9	15.1	7.1	4.9	5.1	7.0	100.0
TOTAL N	101	1160	1153	1080	968	731	712	1917	1942	918	632	653	906	12873

(* < 0.05%)

STATION: 45002

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

Month: JUN

WIND SPEED	CALM	WIND DIRECTION												TOT %	TOT N
		35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
0	1.0	0.1	*	*	0.1	0.1	*	0.1	*	*	*	*	*	1.4	213
1 - 3	0.9	1.0	0.9	0.9	0.8	0.9	1.0	1.0	0.9	0.8	0.7	0.7	10.5	1559	
4 - 6	2.2	2.4	2.0	2.0	1.9	2.0	3.5	3.8	3.0	1.9	1.8	2.2	28.6	4239	
7 - 10	2.6	2.9	2.3	2.3	1.6	1.6	5.8	6.4	3.3	1.9	1.6	1.9	34.1	5054	
11 - 15	1.4	1.4	1.2	0.8	0.4	0.5	4.9	5.5	1.6	0.4	0.4	0.9	19.4	2875	
16 - 20	0.5	0.2	0.2	0.1	0.1	0.1	1.4	1.4	0.3	*	0.1	0.4	4.8	715	
21 - 24	0.1	*	*	*	*	*	0.3	0.2	*	*	*	0.1	0.8	112	
25 - 33	*	*	-	-	*	-	0.1	0.1	-	*	-	*	0.2	34	
34 - 47	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0	
> 48	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0	
TOTAL %	1.0	7.9	8.0	6.6	6.1	4.8	5.1	17.1	18.5	9.1	5.0	4.6	6.2	100.0	
TOTAL N	144	1165	1186	970	910	714	758	2524	2731	1352	741	682	924	14801	

(* < 0.05%)

STATION: 45002

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

Month: JUL

WIND SPEED	CALM	WIND DIRECTION												TOT %	TOT N
		35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
0	1.3	0.1	*	*	*	*	*	0.1	*	*	*	*	1.7	261	
1 - 3	1.0	1.0	1.0	0.9	1.0	1.1	1.2	1.2	1.3	1.1	0.9	0.9	12.7	1940	
4 - 6	1.8	2.1	1.8	1.3	1.5	1.8	3.2	3.9	2.6	1.9	1.5	1.5	24.9	3800	
7 - 10	2.4	2.6	1.8	1.4	1.2	1.5	4.9	7.7	3.3	1.6	1.1	1.5	31.0	4740	
11 - 15	2.1	1.6	0.9	0.6	0.5	0.7	3.9	6.7	1.8	0.6	0.7	1.4	21.5	3294	
16 - 20	0.5	0.5	0.2	0.1	*	0.1	2.0	2.3	0.4	0.1	0.5	0.5	7.3	1115	
21 - 24	0.2	*	*	-	-	*	0.3	0.2	*	*	*	0.1	0.8	120	
25 - 33	*	-	-	-	*	-	*	*	*	-	-	*	0.1	19	
34 - 47	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0	
> 48	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0	
TOTAL %	1.3	8.0	7.9	5.6	4.5	4.2	5.3	15.5	22.0	9.5	5.3	4.7	6.1	100.0	
TOTAL N	205	1223	1209	861	681	646	812	2376	3368	1450	808	723	927	15289	

(* < 0.05%)

STATION: 45002

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

Month: AUG

WIND SPEED	CALM	WIND DIRECTION												TOT %	TOT N
		35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
0	0.9	0.1	*	*	*	-	*	0.1	0.1	*	0.1	*	1.3	203	
1 - 3	0.7	0.5	0.7	0.6	0.6	0.8	1.0	1.1	0.8	0.7	0.7	0.6	8.8	1367	
4 - 6	1.5	1.4	1.2	1.2	1.1	1.3	2.5	2.7	2.2	1.3	1.0	1.2	18.8	2931	
7 - 10	2.1	2.2	1.9	1.7	1.4	1.8	3.5	6.4	3.5	1.6	1.4	1.4	29.0	4516	
11 - 15	2.7	2.1	1.2	1.3	0.7	1.1	4.4	7.7	2.6	1.0	1.4	1.7	27.8	4332	
16 - 20	2.0	0.9	0.4	0.5	0.2	0.5	1.9	2.6	0.9	0.4	0.6	1.2	12.0	1861	
21 - 24	0.5	0.1	*	0.1	*	*	0.3	0.3	0.1	*	0.1	0.4	2.0	309	
25 - 33	*	*	-	*	-	*	*	*	*	*	0.1	0.1	0.3	48	
34 - 47	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0	
> 48	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0	
TOTAL %	0.9	9.4	7.3	5.5	5.3	4.1	5.5	13.7	20.9	10.2	5.0	5.3	6.7	100.0	
TOTAL N	139	1468	1139	863	830	642	860	2137	3258	1586	782	819	1044	15567	

(* < 0.05%)

STATION: 45002

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

Month: SEP

WIND SPEED	CALM	WIND DIRECTION												TOT %	TOT N	
		35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34			
0	0.6	*	*	*	*	*	*	*	*	*	*	*	*	*	0.8	123
1 - 3		0.4	0.3	0.5	0.4	0.5	0.4	0.5	0.4	0.4	0.4	0.4	0.3	0.3	4.9	719
4 - 6		0.8	0.9	0.7	1.0	0.9	0.9	1.1	1.4	0.9	1.0	0.9	1.0	1.0	11.5	1699
7 - 10		1.9	1.6	1.3	1.2	1.4	1.3	2.9	4.3	2.6	1.9	1.6	1.7	1.7	23.5	3453
11 - 15		2.8	2.0	1.3	1.0	1.0	1.6	3.9	7.2	3.3	1.5	1.9	2.3	2.3	29.8	4386
16 - 20		3.0	1.2	0.5	0.4	0.4	0.7	3.1	5.0	1.8	1.0	1.6	1.8	1.8	20.7	3040
21 - 24		1.1	0.2	0.1	0.1	*	0.1	1.1	1.5	0.6	0.2	0.6	0.6	0.6	6.2	912
25 - 33		0.5	0.2	*	*	-	-	0.5	0.4	0.2	0.1	0.1	0.4	0.4	2.6	384
34 - 47		-	*	-	-	-	-	*	-	-	-	-	-	-	0.0	2
> 48		-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.6	10.5	6.4	4.4	4.0	4.3	5.0	13.2	20.4	9.9	6.1	7.2	8.1	100.0		
TOTAL N	91	1547	949	648	592	626	734	1936	2996	1452	897	1056	1194		14718	

(* < 0.05%)

STATION: 45002

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

Month: OCT

WIND SPEED	CALM	WIND DIRECTION												TOT %	TOT N	
		35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34			
0	0.3	*	*	*	*	*	*	*	*	*	*	*	*	*	0.4	67
1 - 3		0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.4	0.3	0.2	0.2	0.3	0.3	3.5	528
4 - 6		0.8	0.7	1.0	0.8	0.8	0.6	0.8	0.7	0.6	0.6	0.8	0.7	0.7	8.9	1332
7 - 10		1.4	1.4	1.2	1.5	1.5	1.3	1.8	2.7	1.6	1.5	1.1	1.3	1.3	18.4	2740
11 - 15		2.4	1.4	1.1	1.4	1.7	1.6	3.1	4.5	2.9	2.3	2.3	2.5	2.5	27.1	4042
16 - 20		2.7	1.3	0.6	0.5	0.7	0.9	3.4	4.3	3.0	1.5	2.7	3.1	3.1	24.8	3692
21 - 24		1.0	0.5	0.2	0.1	0.2	0.3	2.0	1.7	1.2	0.8	1.5	1.2	1.2	10.7	1599
25 - 33		0.4	0.2	*	0.1	0.1	0.1	1.5	0.7	0.6	0.5	0.9	0.9	0.9	5.9	880
34 - 47		-	-	-	-	-	-	*	-	*	*	*	-	-	0.1	20
> 48		-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.3	9.0	5.9	4.4	4.7	5.3	5.1	13.0	15.0	10.2	7.6	9.6	10.1	100.0		
TOTAL N	42	1338	878	654	693	791	755	1932	2229	1521	1134	1432	1501		14900	

(* < 0.05%)

STATION: 45002

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	0.1	*	*	-	-	*	*	*	*	*	*	*	*	*	0.3	20
1 - 3		0.3	0.1	0.1	0.2	0.1	0.2	0.3	0.3	0.3	0.2	0.3	0.3	0.3	2.7	200
4 - 6		0.5	0.3	0.1	0.4	0.4	0.4	0.5	0.6	0.7	0.7	0.6	0.6	0.6	5.9	441
7 - 10		1.3	0.8	0.6	0.5	1.0	0.8	1.5	2.3	1.9	1.7	1.6	1.8	1.8	15.7	1176
11 - 15		2.9	2.0	0.6	0.9	1.3	1.8	2.5	3.9	4.0	2.7	2.6	3.7	3.7	28.9	2162
16 - 20		3.8	1.8	0.4	0.4	0.5	0.9	2.8	4.2	3.5	2.4	3.5	4.7	4.7	28.8	2158
21 - 24		1.9	0.4	0.1	0.2	0.2	0.2	1.3	2.1	1.3	1.1	1.7	1.8	1.8	12.2	917
25 - 33		0.6	0.1	0.1	0.3	0.1	0.1	0.7	0.9	0.7	0.3	0.4	1.1	1.1	5.4	401
34 - 47		-	-	-	*	-	-	-	-	-	-	-	0.1	0.1	0.2	12
> 48		-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.1	11.3	5.7	2.1	2.9	3.5	4.3	9.6	14.4	12.3	9.0	10.6	14.1	100.0		
TOTAL N	9	843	425	154	220	265	325	721	1077	920	675	795	1058		7487	

(* < 0.05%)

STATION: 45002

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	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1 - 3		0.2	0.2	0.3	0.2	-	-	0.2	0.2	-	-	0.3	0.3	0.3	1.8	11
4 - 6		-	0.2	-	0.3	1.0	0.7	1.2	0.3	0.5	-	-	0.8	0.8	4.9	30
7 - 10		2.1	1.0	1.3	1.0	1.6	1.5	0.3	1.5	0.7	1.2	2.5	2.0	2.0	16.6	101
11 - 15		3.3	2.1	0.3	0.2	1.6	2.1	3.5	3.0	2.6	2.5	3.0	3.5	3.5	27.7	168
16 - 20		1.0	1.6	0.7	-	-	1.2	3.1	4.1	3.1	2.8	5.6	2.6	2.6	25.9	157
21 - 24		3.0	1.0	0.2	-	-	-	2.3	2.3	0.8	0.5	1.3	1.0	1.0	12.4	75
25 - 33		1.8	1.2	0.2	-	-	-	0.8	5.3	0.7	-	-	0.8	0.8	10.7	65
34 - 47		-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48		-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.0	11.4	7.2	3.0	1.6	4.3	5.4	11.4	16.6	8.4	6.9	12.7	11.0	100.0		
TOTAL N	0	69	44	18	10	26	33	69	101	51	42	77	67		607	

(* < 0.05%)

STATION: 45002

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	0.7	*	*	*	*	*	*	0.1	*	*	*	*	*	1.1	1161
1 - 3		0.6	0.6	0.7	0.6	0.6	0.6	0.7	0.8	0.7	0.6	0.5	0.6	7.8	8543
4 - 6		1.5	1.5	1.4	1.3	1.3	1.3	2.1	2.4	1.8	1.3	1.2	1.3	18.3	20195
7 - 10		2.1	2.3	1.8	1.7	1.5	1.5	3.6	5.0	2.6	1.6	1.4	1.7	26.7	29440
11 - 15		2.4	1.8	1.4	1.1	0.8	1.0	3.9	5.4	2.2	1.2	1.4	1.9	24.6	27087
16 - 20		1.8	1.0	0.6	0.4	0.3	0.4	2.3	2.8	1.3	0.8	1.2	1.7	14.6	16099
21 - 24		0.6	0.2	0.1	0.1	0.1	0.1	0.8	0.8	0.4	0.3	0.5	0.6	4.6	5117
25 - 33		0.2	0.1	0.1	0.1	*	*	0.4	0.3	0.2	0.1	0.2	0.3	2.2	2448
34 - 47		*	*	*	*	-	-	*	*	*	*	*	*	0.0	55
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.7	9.3	7.6	6.0	5.3	4.6	5.0	13.9	17.5	9.3	5.9	6.5	8.3	100.0	
TOTAL N	802	10274	8376	6595	5861	5013	5554	15342	19323	10211	6475	7196	9123		110145

(* < 0.05%)

STATION: 45002

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	-	-	0.1	0.1	-	-	0.4	7
1 - 3		0.2	0.2	0.5	0.2	0.1	-	0.1	0.1	0.2	0.1	0.2	0.2	2.1	37
4 - 6		0.3	0.1	0.1	0.1	0.4	0.4	0.6	0.4	0.6	0.2	0.3	0.7	4.3	75
7 - 10		0.8	0.5	0.5	0.3	0.7	0.7	0.3	1.3	1.4	2.1	2.1	1.7	12.2	214
11 - 15		1.9	0.9	0.1	0.2	0.9	0.9	1.4	3.0	3.5	4.0	3.8	2.4	23.0	404
16 - 20		2.5	1.0	0.2	0.3	0.3	0.8	1.5	3.8	3.5	3.9	5.0	3.6	26.4	463
21 - 24		1.6	1.0	0.2	0.3	0.3	0.3	2.2	3.4	1.7	1.3	2.2	2.0	16.5	290
25 - 33		0.9	0.6	0.1	-	0.1	0.2	1.3	5.1	2.2	1.1	1.5	1.6	14.6	256
34 - 47		-	-	-	-	-	-	0.1	0.3	-	-	0.1	-	0.5	9
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.2	8.2	4.2	1.7	1.4	2.7	3.3	7.6	17.4	13.2	12.8	15.2	12.2	100.0	
TOTAL N	4	144	73	29	24	47	58	133	306	231	225	267	214		1755

(* < 0.05%)

STATION: 45002

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	0.7	0.1	*	*	*	*	*	0.1	0.1	*	*	*	*	1.0	267
1 - 3		0.8	0.8	0.8	0.8	0.6	0.7	0.7	0.7	0.8	0.7	0.5	0.7	8.6	2193
4 - 6		1.9	2.0	2.0	1.7	1.6	1.6	2.3	2.6	1.8	1.4	1.4	1.7	22.2	5678
7 - 10		2.6	3.1	2.5	2.4	1.8	1.7	4.0	4.5	2.2	1.2	1.3	2.2	29.4	7547
11 - 15		2.5	2.2	2.3	1.5	0.7	0.7	3.9	3.2	1.0	0.7	1.2	1.8	21.8	5592
16 - 20		1.5	1.2	1.2	0.8	0.2	0.2	2.0	1.5	0.5	0.6	0.6	1.6	11.9	3055
21 - 24		0.4	0.3	0.3	0.2	*	*	0.6	0.3	0.1	0.2	0.2	0.6	3.3	858
25 - 33		0.2	0.2	0.3	0.1	-	*	0.2	0.1	0.1	*	0.2	0.3	1.7	426
34 - 47		*	-	*	-	-	-	-	-	-	-	*	*	0.0	12
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.7	9.9	9.8	9.4	7.5	5.0	4.9	14.0	13.1	6.6	4.7	5.5	8.8	100.0	
TOTAL N	168	2546	2517	2416	1911	1282	1252	3583	3358	1699	1213	1422	2261		25628

(* < 0.05%)

STATION: 45002

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	1.1	0.1	*	*	*	*	*	0.1	*	*	0.1	*	*	1.5	677
1 - 3		0.8	0.8	0.9	0.8	0.8	0.9	1.1	1.1	1.0	0.8	0.8	0.8	10.7	4866
4 - 6		1.8	2.0	1.7	1.5	1.5	1.7	3.0	3.5	2.6	1.7	1.4	1.6	24.0	10970
7 - 10		2.4	2.6	2.0	1.8	1.4	1.6	4.7	6.8	3.4	1.7	1.4	1.6	31.3	14310
11 - 15		2.1	1.7	1.1	0.9	0.5	0.8	4.4	6.7	2.0	0.7	0.8	1.3	23.0	10501
16 - 20		1.0	0.5	0.3	0.2	0.1	0.3	1.7	2.1	0.5	0.2	0.4	0.7	8.1	3691
21 - 24		0.2	0.1	*	*	*	*	0.3	0.2	0.1	*	*	0.2	1.2	541
25 - 33		*	*	-	*	*	*	0.1	*	*	*	*	*	0.2	101
34 - 47		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	1.1	8.4	7.7	5.9	5.3	4.4	5.3	15.4	20.5	9.6	5.1	4.9	6.3	100.0	
TOTAL N	488	3856	3534	2694	2421	2002	2430	7037	9357	4388	2331	2224	2895		45657

(* < 0.05%)

STATION: 45002

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

Months: SEP, OCT, NOV (Autumn)

WIND SPEED	WIND DIRECTION													TOT %	TOT N
	CALM	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
0	0.4	*	*	*	*	*	*	*	*	*	*	*	*	0.6	210
1 - 3		0.3	0.3	0.4	0.3	0.3	0.3	0.3	0.4	0.4	0.3	0.3	0.3	3.9	1447
4 - 6		0.8	0.7	0.7	0.8	0.8	0.7	0.9	1.0	0.7	0.8	0.8	0.8	9.4	3472
7 - 10		1.6	1.4	1.1	1.2	1.3	1.2	2.2	3.2	2.0	1.7	1.4	1.5	19.9	7369
11 - 15		2.7	1.8	1.1	1.1	1.3	1.6	3.3	5.5	3.3	2.1	2.2	2.7	28.5	10590
16 - 20		3.0	1.4	0.5	0.4	0.5	0.8	3.2	4.6	2.6	1.5	2.4	2.9	24.0	8890
21 - 24		1.2	0.4	0.1	0.1	0.2	0.2	1.5	1.7	1.0	0.6	1.2	1.1	9.2	3428
25 - 33		0.5	0.2	*	0.1	0.1	0.1	1.0	0.6	0.5	0.3	0.5	0.7	4.5	1665
34 - 47		-	*	-	*	-	-	*	-	*	*	*	*	0.1	34
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.4	10.0	6.1	3.9	4.1	4.5	4.9	12.4	17.0	10.5	7.3	8.8	10.1	100.0	
TOTAL N	142	3728	2252	1456	1505	1682	1814	4589	6302	3893	2706	3283	3753		37105

(* < 0.05%)

STATION: 45002

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

Month: JAN

WIND SPEED	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4		
0	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	>13.4	0.1	1
1 - 3	0.1	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	0.2	4
4 - 6	0.4	0.6	-	-	-	-	-	-	-	-	-	-	-	-	-	1.0	19
7 - 10	0.4	1.8	-	-	-	-	-	-	-	-	-	-	-	-	-	2.2	43
11 - 15	0.3	4.2	0.4	-	-	-	-	-	-	-	-	-	-	-	-	4.9	96
16 - 20	-	4.3	1.2	0.1	-	-	-	-	-	-	-	-	-	-	-	5.6	109
21 - 24	-	2.2	2.9	0.5	-	-	-	-	-	-	-	-	-	-	-	5.5	108
25 - 33	-	0.3	2.8	1.2	0.2	-	-	-	-	-	-	-	-	-	-	4.5	88
34 - 47	-	-	-	0.1	0.3	0.1	-	-	-	-	-	-	-	-	-	0.4	7
> 48	14.6	40.2	17.1	2.8	0.6	0.3	0.1	-	-	-	-	-	-	-	-	75.7	1481
TOTAL %	15.8	53.7	24.4	4.6	1.0	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	310	1051	477	90	20	6	2	0	0	0	0	0	0	0	0		1956

(* < 0.05%)

STATION: 45002

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

Month: FEB

WIND SPEED	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4		
0	0.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.3	6
1 - 3	1.0	*	-	-	-	-	-	-	-	-	-	-	-	-	-	1.1	22
4 - 6	0.9	0.3	-	-	-	-	-	-	-	-	-	-	-	-	-	1.3	26
7 - 10	2.5	0.8	-	-	-	-	-	-	-	-	-	-	-	-	-	3.4	68
11 - 15	2.0	4.5	0.3	-	-	-	-	-	-	-	-	-	-	-	-	6.8	138
16 - 20	0.5	8.3	0.8	-	-	-	-	-	-	-	-	-	-	-	-	9.6	195
21 - 24	*	3.1	1.7	0.3	-	-	-	-	-	-	-	-	-	-	-	5.2	105
25 - 33	-	0.7	2.8	1.6	-	-	-	-	-	-	-	-	-	-	-	5.1	103
34 - 47	-	-	-	0.1	-	-	-	-	-	-	-	-	-	-	-	0.1	2
> 48	20.5	37.1	7.5	2.0	*	-	-	-	-	-	-	-	-	-	-	67.2	1360
TOTAL %	27.9	55.0	13.1	4.0	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	565	1114	265	80	1	0	0	0	0	0	0	0	0	0	0		2025

(* < 0.05%)

STATION: 45002

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

Month: MAR

WIND SPEED	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4		
0	0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.2	9
1 - 3	3.4	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	3.9	152
4 - 6	5.8	2.1	*	-	-	-	-	-	-	-	-	-	-	-	-	8.0	310
7 - 10	8.5	4.9	0.1	0.1	-	-	-	-	-	-	-	-	-	-	-	13.5	527
11 - 15	3.1	11.8	0.6	*	-	-	-	-	-	-	-	-	-	-	-	15.5	605
16 - 20	0.8	11.2	2.9	0.1	-	-	-	-	-	-	-	-	-	-	-	15.0	583
21 - 24	0.2	2.4	3.2	0.2	-	-	-	-	-	-	-	-	-	-	-	5.9	229

25 - 33	*	1.0	2.2	1.3	0.1	-	-	-	-	-	-	-	-	-	-	-	4.7	181
34 - 47	-	0.1	-	0.1	0.2	-	-	-	-	-	-	-	-	-	-	-	0.3	11
> 48	13.0	14.4	4.8	0.7	0.1	-	-	-	-	-	-	-	-	-	-	-	33.0	1284
TOTAL %	35.0	48.4	13.8	2.5	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	1363	1884	536	97	11	0	0	0	0	0	0	0	0	0	0	0		3891

(* < 0.05%)

STATION: 45002

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

Month: APR

WIND SPEED	WAVE HEIGHT														TOT %	TOT N	
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-			>13.4
0	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	-	0.7	74
1 - 3	6.1	1.0	0.1	-	-	-	-	-	-	-	-	-	-	-	-	7.2	738
4 - 6	12.9	3.0	*	-	-	-	-	-	-	-	-	-	-	-	-	15.9	1631
7 - 10	14.1	10.2	0.2	-	-	-	-	-	-	-	-	-	-	-	-	24.6	2511
11 - 15	4.5	17.7	1.2	*	-	-	-	-	-	-	-	-	-	-	-	23.4	2393
16 - 20	0.2	11.0	3.4	0.2	*	-	-	-	-	-	-	-	-	-	-	14.7	1507
21 - 24	-	1.6	2.6	0.2	*	*	-	-	-	-	-	-	-	-	-	4.5	457
25 - 33	-	0.1	1.3	0.5	0.1	-	-	-	-	-	-	-	-	-	-	2.0	201
34 - 47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48	2.8	3.6	0.5	*	-	-	-	-	-	-	-	-	-	-	-	7.0	716
TOTAL %	41.3	48.2	9.3	1.0	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	4223	4933	948	103	20	1	0	0	0	0	0	0	0	0	0		10228

(* < 0.05%)

STATION: 45002

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	-	0.9	117
1 - 3	7.9	0.7	-	-	-	-	-	-	-	-	-	-	-	-	-	8.6	1135
4 - 6	21.3	2.8	0.1	-	-	-	-	-	-	-	-	-	-	-	-	24.1	3190
7 - 10	21.9	8.6	0.1	-	-	-	-	-	-	-	-	-	-	-	-	30.7	4055
11 - 15	5.5	11.5	0.6	-	-	-	-	-	-	-	-	-	-	-	-	17.6	2329
16 - 20	0.2	4.3	1.5	*	-	-	-	-	-	-	-	-	-	-	-	6.0	796
21 - 24	*	0.3	0.7	0.1	-	-	-	-	-	-	-	-	-	-	-	1.1	147
25 - 33	-	*	0.1	*	-	-	-	-	-	-	-	-	-	-	-	0.2	26
34 - 47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48	5.8	4.5	0.6	-	-	-	-	-	-	-	-	-	-	-	-	10.8	1432
TOTAL %	63.3	33.0	3.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	8374	4364	468	21	0	0	0	0	0	0	0	0	0	0	0		13227

(* < 0.05%)

STATION: 45002

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	-	1.3	177
1 - 3	9.2	1.0	*	-	-	-	-	-	-	-	-	-	-	-	-	10.2	1422
4 - 6	24.0	3.2	*	-	-	-	-	-	-	-	-	-	-	-	-	27.2	3798
7 - 10	24.7	8.3	0.1	-	-	-	-	-	-	-	-	-	-	-	-	33.0	4614
11 - 15	4.6	12.6	0.6	-	-	-	-	-	-	-	-	-	-	-	-	17.8	2480
16 - 20	0.2	3.1	1.0	0.1	-	-	-	-	-	-	-	-	-	-	-	4.3	606
21 - 24	*	0.3	0.4	0.1	-	-	-	-	-	-	-	-	-	-	-	0.8	106
25 - 33	*	*	0.1	0.1	-	-	-	-	-	-	-	-	-	-	-	0.2	32
34 - 47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48	3.1	2.0	0.1	-	-	-	-	-	-	-	-	-	-	-	-	5.2	726
TOTAL %	67.0	30.6	2.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	9350	4271	310	30	0	0	0	0	0	0	0	0	0	0	0		13961

(* < 0.05%)

STATION: 45002

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-		

WIND SPEED	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	>13.4	TOT %	TOT N
0	1.4	0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	1.6	227
1 - 3	11.3	1.1	*	-	-	-	-	-	-	-	-	-	-	-	-	12.4	1781
4 - 6	19.9	3.6	*	*	-	-	-	-	-	-	-	-	-	-	-	23.5	3375
7 - 10	19.7	9.8	0.1	*	-	-	-	-	-	-	-	-	-	-	-	29.6	4252
11 - 15	5.0	14.9	0.5	-	-	-	-	-	-	-	-	-	-	-	-	20.4	2932
16 - 20	0.2	5.3	1.5	*	-	-	-	-	-	-	-	-	-	-	-	7.0	1003
21 - 24	*	0.3	0.5	*	-	-	-	-	-	-	-	-	-	-	-	0.8	117
25 - 33	*	0.1	*	*	-	-	-	-	-	-	-	-	-	-	-	0.1	19
34 - 47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48	2.2	2.0	0.3	0.1	-	-	-	-	-	-	-	-	-	-	-	4.6	662
TOTAL %	59.7	37.2	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	8583	5338	426	21	0	0	0	0	0	0	0	0	0	0	0		14368

(* < 0.05%)

STATION: 45002

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	-	1.1	162
1 - 3	7.5	1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	8.9	1305
4 - 6	14.2	4.2	*	-	-	-	-	-	-	-	-	-	-	-	-	18.5	2725
7 - 10	15.7	13.3	0.1	-	-	-	-	-	-	-	-	-	-	-	-	29.1	4293
11 - 15	4.6	22.6	0.9	*	-	-	-	-	-	-	-	-	-	-	-	28.2	4151
16 - 20	0.2	9.4	2.3	0.1	-	-	-	-	-	-	-	-	-	-	-	11.9	1760
21 - 24	*	0.9	1.1	0.1	-	-	-	-	-	-	-	-	-	-	-	2.0	299
25 - 33	-	*	0.3	*	-	-	-	-	-	-	-	-	-	-	-	0.3	46
34 - 47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48	-	*	*	-	-	-	-	-	-	-	-	-	-	-	-	0.0	4
TOTAL %	43.1	52.0	4.8	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	6353	7661	702	29	0	0	0	0	0	0	0	0	0	0	0		14745

(* < 0.05%)

STATION: 45002

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

Month: SEP

WIND SPEED	WAVE HEIGHT														TOT %	TOT N	
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-			>13.4
0	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	-	0.7	89
1 - 3	4.0	1.0	*	-	-	-	-	-	-	-	-	-	-	-	-	5.0	667
4 - 6	7.8	3.5	0.1	-	-	-	-	-	-	-	-	-	-	-	-	11.4	1517
7 - 10	11.2	12.0	0.3	*	-	-	-	-	-	-	-	-	-	-	-	23.6	3147
11 - 15	3.8	23.0	3.0	0.1	-	-	-	-	-	-	-	-	-	-	-	29.8	3974
16 - 20	0.1	13.8	6.4	0.3	*	-	-	-	-	-	-	-	-	-	-	20.6	2752
21 - 24	-	1.7	3.8	0.6	*	-	-	-	-	-	-	-	-	-	-	6.1	818
25 - 33	-	0.1	1.5	1.0	0.1	-	-	-	-	-	-	-	-	-	-	2.7	362
34 - 47	-	-	*	*	-	-	-	-	-	-	-	-	-	-	-	0.0	2
> 48	*	0.1	*	-	-	-	-	-	-	-	-	-	-	-	-	0.1	12
TOTAL %	27.4	55.3	15.2	2.0	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	3655	7375	2032	266	12	0	0	0	0	0	0	0	0	0	0		13340

(* < 0.05%)

STATION: 45002

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

Month: OCT

WIND SPEED	WAVE HEIGHT														TOT %	TOT N	
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-			>13.4
0	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	-	0.4	65
1 - 3	2.6	0.6	*	-	-	-	-	-	-	-	-	-	-	-	-	3.3	512
4 - 6	5.3	3.0	0.1	-	-	-	-	-	-	-	-	-	-	-	-	8.3	1288
7 - 10	5.9	10.5	0.3	*	-	-	-	-	-	-	-	-	-	-	-	16.8	2604
11 - 15	2.1	20.2	2.7	0.1	-	-	-	-	-	-	-	-	-	-	-	25.1	3898
16 - 20	0.1	15.0	7.4	0.7	0.1	-	-	-	-	-	-	-	-	-	-	23.3	3624
21 - 24	-	2.1	6.8	1.2	0.2	-	-	-	-	-	-	-	-	-	-	10.2	1591
25 - 33	-	0.1	2.5	2.1	0.7	0.1	-	-	-	-	-	-	-	-	-	5.6	873
34 - 47	-	-	-	*	*	*	-	-	-	-	-	-	-	-	-	0.1	20
> 48	0.8	4.2	1.5	0.4	*	-	-	-	-	-	-	-	-	-	-	6.9	1067
TOTAL %	17.2	55.8	21.2	4.7	1.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	2667	8667	3300	723	157	28	0	0	0	0	0	0	0	0	0		15542

(* < 0.05%)

21 - 24	*	1.7	2.0	0.7	0.1	-	-	-	-	-	-	-	-	-	-	4.6	286
25 - 33	-	0.3	1.9	1.3	0.3	0.3	-	-	-	-	-	-	-	-	-	4.0	254
34 - 47	-	-	-	*	0.1	*	-	-	-	-	-	-	-	-	-	0.1	9
> 48	14.5	39.6	14.9	2.8	0.5	0.1	*	-	-	-	-	-	-	-	-	72.5	4554
TOTAL %	17.6	53.9	21.8	5.2	1.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	1107	3387	1369	327	63	25	2	0	0	0	0	0	0	0	0		6280

STATION: 45002

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

Months: MAR, APR, MAY (Spring)

		WAVE HEIGHT																
		0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4	TOT %	TOT N
WIND SPEED	0	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	-	0.7	200
	1 - 3	6.6	0.8	*	-	-	-	-	-	-	-	-	-	-	-	-	7.4	2025
	4 - 6	16.0	2.8	*	-	-	-	-	-	-	-	-	-	-	-	-	18.8	5131
	7 - 10	17.1	8.7	0.1	*	-	-	-	-	-	-	-	-	-	-	-	25.9	7093
	11 - 15	4.8	13.9	0.8	*	-	-	-	-	-	-	-	-	-	-	-	19.5	5327
	16 - 20	0.3	7.8	2.4	0.1	*	-	-	-	-	-	-	-	-	-	-	10.6	2886
	21 - 24	*	1.1	1.7	0.2	*	*	-	-	-	-	-	-	-	-	-	3.0	833
	25 - 33	*	0.2	0.8	0.4	0.1	-	-	-	-	-	-	-	-	-	-	1.5	408
	34 - 47	-	*	-	*	*	-	-	-	-	-	-	-	-	-	-	0.0	11
	> 48	5.7	5.6	1.1	0.1	*	-	-	-	-	-	-	-	-	-	-	12.6	3432
TOTAL %		51.0	40.9	7.1	0.8	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N		13960	11181	1952	221	31	1	0	0	0	0	0	0	0	0	0		27346

STATION: 45002

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

Months: JUN, JUL, AUG (Summer)

		WAVE HEIGHT																
		0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4	TOT %	TOT N
WIND SPEED	0	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	-	1.3	566
	1 - 3	9.3	1.2	*	-	-	-	-	-	-	-	-	-	-	-	-	10.5	4508
	4 - 6	19.3	3.7	*	*	-	-	-	-	-	-	-	-	-	-	-	23.0	9898
	7 - 10	19.9	10.5	0.1	*	-	-	-	-	-	-	-	-	-	-	-	30.5	13159
	11 - 15	4.7	16.8	0.7	*	-	-	-	-	-	-	-	-	-	-	-	22.2	9563
	16 - 20	0.2	6.0	1.6	0.1	-	-	-	-	-	-	-	-	-	-	-	7.8	3369
	21 - 24	*	0.5	0.6	0.1	-	-	-	-	-	-	-	-	-	-	-	1.2	522
	25 - 33	*	*	0.1	*	-	-	-	-	-	-	-	-	-	-	-	0.2	97
	34 - 47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
	> 48	1.8	1.3	0.1	*	-	-	-	-	-	-	-	-	-	-	-	3.2	1392
TOTAL %		56.4	40.1	3.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N		24286	17270	1438	80	0	0	0	0	0	0	0	0	0	0	0		43074

STATION: 45002

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

Months: SEP, OCT, NOV (Autumn)

		WAVE HEIGHT																
		0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4	TOT %	TOT N
WIND SPEED	0	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	-	0.5	174
	1 - 3	2.8	0.8	*	-	-	-	-	-	-	-	-	-	-	-	-	3.6	1378
	4 - 6	5.5	3.0	0.1	-	-	-	-	-	-	-	-	-	-	-	-	8.5	3242
	7 - 10	7.1	10.6	0.3	*	-	-	-	-	-	-	-	-	-	-	-	18.1	6907
	11 - 15	2.4	20.7	3.1	0.1	-	-	-	-	-	-	-	-	-	-	-	26.2	10011
	16 - 20	0.1	13.8	7.6	0.8	*	-	-	-	-	-	-	-	-	-	-	22.3	8510
	21 - 24	-	1.7	5.6	1.2	0.2	-	-	-	-	-	-	-	-	-	-	8.7	3321
	25 - 33	-	0.1	2.1	1.6	0.4	0.1	-	-	-	-	-	-	-	-	-	4.3	1635
	34 - 47	-	-	*	*	*	*	-	-	-	-	-	-	-	-	-	0.1	34
	> 48	0.9	4.2	1.8	0.6	0.1	*	*	-	-	-	-	-	-	-	-	7.7	2945
TOTAL %		19.1	55.0	20.6	4.4	0.8	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N		7304	20978	7853	1674	304	41	3	0	0	0	0	0	0	0	0		38157

STATION: 45002

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

Month: JAN

		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	< 0.5	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

(* < 0.05%)

STATION: 45002

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

Month: MAY

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4		
< 0.5	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	>13.4	TOT %	TOT N
< 0.5	18.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	18.5	2443
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	3.8	*	-	-	-	-	-	-	-	-	-	-	-	-	-	3.9	508
2.5 - 3.4	26.4	4.5	-	-	-	-	-	-	-	-	-	-	-	-	-	30.9	4077
3.5 - 4.4	11.6	15.0	*	-	-	-	-	-	-	-	-	-	-	-	-	26.6	3516
4.5 - 5.4	2.6	10.3	1.2	-	-	-	-	-	-	-	-	-	-	-	-	14.2	1868
5.5 - 6.4	0.2	3.1	1.6	*	-	-	-	-	-	-	-	-	-	-	-	4.9	640
6.5 - 7.4	*	0.2	0.7	0.1	-	-	-	-	-	-	-	-	-	-	-	0.9	124
7.5 - 8.4	-	-	0.1	*	-	-	-	-	-	-	-	-	-	-	-	0.1	15
8.5 - 9.4	-	-	-	*	-	-	-	-	-	-	-	-	-	-	-	0.0	3
TOTAL %	63.2	33.1	3.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	8341	4364	468	21	0	0	0	0	0	0	0	0	0	0	0		13194

(* < 0.05%)

STATION: 45002

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

Month: JUN

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4		
< 0.5	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	>13.4	TOT %	TOT N
< 0.5	22.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	22.5	3133
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	3.0	*	-	-	-	-	-	-	-	-	-	-	-	-	-	3.1	429
2.5 - 3.4	27.6	4.4	-	-	-	-	-	-	-	-	-	-	-	-	-	32.0	4465
3.5 - 4.4	11.7	14.6	-	-	-	-	-	-	-	-	-	-	-	-	-	26.3	3666
4.5 - 5.4	2.0	9.5	0.6	-	-	-	-	-	-	-	-	-	-	-	-	12.1	1686
5.5 - 6.4	0.1	1.9	1.1	*	-	-	-	-	-	-	-	-	-	-	-	3.2	442
6.5 - 7.4	*	0.2	0.5	0.1	-	-	-	-	-	-	-	-	-	-	-	0.8	111
7.5 - 8.4	-	-	*	0.1	-	-	-	-	-	-	-	-	-	-	-	0.1	17
8.5 - 9.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
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	0
20.5 - 21.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
21.5 - 22.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
22.5 - 23.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
23.5 - 24.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
24.5 - 25.4	*	*	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	2
25.5 - 26.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
26.5 - 27.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
27.5 - 28.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
28.5 - 29.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
29.5 - 30.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
30.5 - 31.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
31.5 - 32.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
32.5 - 33.4	-	*	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	2
TOTAL %	67.0	30.6	2.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	9342	4271	310	30	0	0	0	0	0	0	0	0	0	0	0		13953

(* < 0.05%)

STATION: 45002

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

Month: JUL

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4		
< 0.5	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	>13.4	TOT %	TOT N
< 0.5	13.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13.5	1933
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	2.7	*	-	-	-	-	-	-	-	-	-	-	-	-	-	2.8	397
2.5 - 3.4	28.2	5.4	-	-	-	-	-	-	-	-	-	-	-	-	-	33.6	4824

1.5 - 2.4	2.3	*	-	-	-	-	-	-	-	-	-	-	-	-	-	2.3	327
2.5 - 3.4	37.5	11.9	-	-	-	-	-	-	-	-	-	-	-	-	-	49.4	6887
3.5 - 4.4	4.7	17.7	0.8	-	-	-	-	-	-	-	-	-	-	-	-	23.1	3226
4.5 - 5.4	*	1.0	1.3	0.1	-	-	-	-	-	-	-	-	-	-	-	2.5	343
5.5 - 6.4	*	*	0.1	0.1	-	-	-	-	-	-	-	-	-	-	-	0.2	34
6.5 - 7.4	-	*	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	1
TOTAL %	67.0	30.6	2.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	9343	4268	310	30	0	0	0	0	0	0	0	0	0	0	0		13951

(* < 0.05%)

STATION: 45002

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

Month: JUL

		WAVE HEIGHT																
		0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4	TOT %	TOT N
WAVE PERIOD	< 0.5	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	-	13.5	1933
	0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
	1.5 - 2.4	2.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.1	308
	2.5 - 3.4	38.1	14.4	-	-	-	-	-	-	-	-	-	-	-	-	-	52.5	7550
	3.5 - 4.4	5.9	21.2	1.3	-	-	-	-	-	-	-	-	-	-	-	-	28.4	4086
	4.5 - 5.4	0.1	1.5	1.6	0.1	-	-	-	-	-	-	-	-	-	-	-	3.3	472
	5.5 - 6.4	*	-	0.1	*	-	-	-	-	-	-	-	-	-	-	-	0.1	18
	6.5 - 7.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
	7.5 - 8.4	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	1
TOTAL %		59.7	37.2	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		8583	5338	426	21	0	0	0	0	0	0	0	0	0	0	0		14368

(* < 0.05%)

STATION: 45002

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

Month: AUG

		WAVE HEIGHT																
		0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4	TOT %	TOT N
WAVE PERIOD	< 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	-	9.3	1375
	0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
	1.5 - 2.4	1.8	*	-	-	-	-	-	-	-	-	-	-	-	-	-	1.8	263
	2.5 - 3.4	26.4	17.1	-	-	-	-	-	-	-	-	-	-	-	-	-	43.5	6407
	3.5 - 4.4	5.4	32.2	1.7	-	-	-	-	-	-	-	-	-	-	-	-	39.4	5809
	4.5 - 5.4	0.2	2.6	3.0	0.1	-	-	-	-	-	-	-	-	-	-	-	5.9	863
	5.5 - 6.4	-	*	0.1	0.1	-	-	-	-	-	-	-	-	-	-	-	0.2	27
	6.5 - 7.4	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	1
TOTAL %		43.1	52.0	4.8	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N		6353	7661	702	29	0	0	0	0	0	0	0	0	0	0	0		14745

(* < 0.05%)

STATION: 45002

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

Month: SEP

		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	< 0.5	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	-	4.9	660
	0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
	1.5 - 2.4	0.6	*	-	-	-	-	-	-	-	-	-	-	-	-	-	0.6	82
	2.5 - 3.4	18.9	14.3	-	-	-	-	-	-	-	-	-	-	-	-	-	33.2	4434
	3.5 - 4.4	2.8	37.4	5.4	-	-	-	-	-	-	-	-	-	-	-	-	45.6	6081
	4.5 - 5.4	0.2	3.4	9.1	0.7	-	-	-	-	-	-	-	-	-	-	-	13.4	1789
	5.5 - 6.4	-	0.1	0.7	1.3	0.1	-	-	-	-	-	-	-	-	-	-	2.2	289
	6.5 - 7.4	-	-	*	*	*	-	-	-	-	-	-	-	-	-	-	0.0	5
TOTAL %		27.4	55.3	15.2	2.0	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		3655	7375	2032	266	12	0	0	0	0	0	0	0	0	0	0		13340

(* < 0.05%)

STATION: 45002

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

Month: OCT

		WAVE HEIGHT																
		0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4	TOT %	TOT N
WAVE PERIOD	< 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	-	2.3	351

0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.5	79
2.5 - 3.4	12.3	13.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	25.9	4029
3.5 - 4.4	2.0	38.1	6.1	-	-	-	-	-	-	-	-	-	-	-	-	-	46.3	7188
4.5 - 5.4	0.1	3.9	13.9	2.0	*	-	-	-	-	-	-	-	-	-	-	-	19.9	3092
5.5 - 6.4	-	0.2	1.2	2.5	0.5	-	-	-	-	-	-	-	-	-	-	-	4.3	664
6.5 - 7.4	-	-	*	0.2	0.5	0.2	-	-	-	-	-	-	-	-	-	-	0.9	137
7.5 - 8.4	-	-	-	-	-	*	-	-	-	-	-	-	-	-	-	-	0.0	1
TOTAL %	17.2	55.8	21.2	4.6	1.0	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	2667	8667	3300	722	157	28	0	0	0	0	0	0	0	0	0	0		15541

(* < 0.05%)

STATION: 45002

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

Month: NOV

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N	
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4			
< 0.5	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	-	-	0.4	36
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	0.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.7	66
2.5 - 3.4	8.4	13.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	22.2	2056
3.5 - 4.4	1.1	36.0	9.9	-	-	-	-	-	-	-	-	-	-	-	-	-	47.0	4359
4.5 - 5.4	-	3.4	16.4	3.7	-	-	-	-	-	-	-	-	-	-	-	-	23.5	2175
5.5 - 6.4	-	*	0.9	3.6	0.8	*	-	-	-	-	-	-	-	-	-	-	5.4	498
6.5 - 7.4	-	-	*	0.1	0.6	0.1	-	-	-	-	-	-	-	-	-	-	0.9	80
7.5 - 8.4	-	-	-	-	-	*	*	-	-	-	-	-	-	-	-	-	0.1	5
TOTAL %	10.6	53.2	27.2	7.4	1.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	982	4936	2521	685	135	13	3	0	0	0	0	0	0	0	0	0		9275

(* < 0.05%)

STATION: 45002

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

Month: DEC

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N	
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4			
< 0.5	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	-	-	0.0	1
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	0.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.9	20
2.5 - 3.4	7.9	15.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	23.7	545
3.5 - 4.4	1.3	33.5	12.1	-	-	-	-	-	-	-	-	-	-	-	-	-	46.9	1079
4.5 - 5.4	-	3.7	13.3	3.7	-	-	-	-	-	-	-	-	-	-	-	-	20.6	474
5.5 - 6.4	-	0.2	1.8	3.0	1.3	-	-	-	-	-	-	-	-	-	-	-	6.3	144
6.5 - 7.4	-	-	-	0.2	0.6	0.8	-	-	-	-	-	-	-	-	-	-	1.6	36
TOTAL %	10.1	53.2	27.3	6.8	1.8	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	232	1222	627	157	42	19	0	0	0	0	0	0	0	0	0	0		2299

(* < 0.05%)

STATION: 45002

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

All Months: Annual

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N	
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4			
< 0.5	10.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10.0	11533
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	1.6	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.6	1831
2.5 - 3.4	24.7	13.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	38.3	43943
3.5 - 4.4	4.1	29.5	3.5	-	-	-	-	-	-	-	-	-	-	-	-	-	37.2	42672
4.5 - 5.4	0.1	2.8	6.9	0.8	*	-	-	-	-	-	-	-	-	-	-	-	10.7	12253
5.5 - 6.4	*	0.1	0.6	1.1	0.2	*	-	-	-	-	-	-	-	-	-	-	2.0	2241
6.5 - 7.4	*	*	*	0.1	0.2	*	-	-	-	-	-	-	-	-	-	-	0.3	303
7.5 - 8.4	*	-	-	-	-	*	*	-	-	-	-	-	-	-	-	-	0.0	14
TOTAL %	40.6	46.0	11.0	2.0	0.3	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	46594	52813	12612	2301	398	67	5	0	0	0	0	0	0	0	0	0		114790

(* < 0.05%)

STATION: 45002

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

Months: DEC, JAN, FEB (Winter)

WAVE HEIGHT

WAVE PERIOD	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4	TOT %	TOT N
< 0.5	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	-	17.6	1107
0.5 - 1.4	1.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	53.9	3387
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	21.8	1369
2.5 - 3.4	1.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.2	327
3.5 - 4.4	12.1	11.1	-	-	-	-	-	-	-	-	-	-	-	-	-	1.0	63
4.5 - 5.4	3.2	34.7	5.6	-	-	-	-	-	-	-	-	-	-	-	-	0.4	25
5.5 - 6.4	0.1	7.7	13.3	1.5	-	-	-	-	-	-	-	-	-	-	-	0.0	2
6.5 - 7.4	*	0.4	2.9	3.4	0.5	-	-	-	-	-	-	-	-	-	-	0.0	0
7.5 - 8.4	-	-	-	0.3	0.5	0.3	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	-	-	-	-	-	0.1	*	-	-	-	-	-	-	-	-	0.0	0
TOTAL N	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	100.0	6280

(* < 0.05%)

STATION: 45002

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

Months: MAR, APR, MAY (Spring)

WAVE PERIOD	WAVE HEIGHT														TOT %	TOT N	
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-			>13.4
< 0.5	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	-	50.9	13904
0.5 - 1.4	14.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	41.0	11181
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7.2	1952
2.5 - 3.4	2.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.8	221
3.5 - 4.4	28.4	12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.1	31
4.5 - 5.4	5.4	26.2	2.1	-	-	-	-	-	-	-	-	-	-	-	-	0.0	1
5.5 - 6.4	0.2	2.4	4.7	0.3	-	-	-	-	-	-	-	-	-	-	-	0.0	0
6.5 - 7.4	*	*	0.3	0.5	0.1	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	*	-	-	*	*	*	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL N	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	100.0	27290

(* < 0.05%)

STATION: 45002

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

Months: JUN, JUL, AUG (Summer)

WAVE PERIOD	WAVE HEIGHT														TOT %	TOT N	
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-			>13.4
< 0.5	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	-	56.4	24279
0.5 - 1.4	15.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	40.1	17267
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.3	1438
2.5 - 3.4	2.1	*	-	-	-	-	-	-	-	-	-	-	-	-	-	0.2	80
3.5 - 4.4	33.9	14.5	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
4.5 - 5.4	5.3	23.8	1.3	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
5.5 - 6.4	0.1	1.7	2.0	0.1	-	-	-	-	-	-	-	-	-	-	-	0.0	0
6.5 - 7.4	*	*	0.1	0.1	-	-	-	-	-	-	-	-	-	-	-	0.0	0
7.5 - 8.4	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL N	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	100.0	43064

(* < 0.05%)

STATION: 45002

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

Months: SEP, OCT, NOV (Autumn)

WAVE PERIOD	WAVE HEIGHT														TOT %	TOT N	
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-			>13.4
< 0.5	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	-	19.1	7304
0.5 - 1.4	2.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	55.0	20978
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20.6	7853
2.5 - 3.4	0.6	*	-	-	-	-	-	-	-	-	-	-	-	-	-	4.4	1673
3.5 - 4.4	13.7	13.9	-	-	-	-	-	-	-	-	-	-	-	-	-	0.8	304
4.5 - 5.4	2.1	37.4	6.8	-	-	-	-	-	-	-	-	-	-	-	-	0.1	41
5.5 - 6.4	0.1	3.6	12.8	1.9	*	-	-	-	-	-	-	-	-	-	-	0.0	3
6.5 - 7.4	-	0.1	0.9	2.3	0.4	*	-	-	-	-	-	-	-	-	-	0.0	0
7.5 - 8.4	-	-	*	0.1	0.4	0.1	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	-	-	-	-	-	*	*	-	-	-	-	-	-	-	-	0.0	0
TOTAL N	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	100.0	38156

(* < 0.05%)