

ELEMENT: SEA TEMPERATURE (DEGREES C) -- POR: (7/1986 - 10/1987) (3609 RECORDS, 2.4% HAVE ELEMENT)

	JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC		ANN		
	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	
18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	#
17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	156	#	-	-	-	-	-	-	-	156	#
16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	#	343	879	-	-	-	-	-	-	347	957
15	-	-	-	-	-	-	-	-	-	-	-	1	#	82	995	65	613	-	-	-	-	-	-	-	-	148	861
14	-	-	-	-	-	-	-	-	-	-	-	-	-	156	884	29	563	27	#	-	-	-	-	-	-	212	820
13	-	-	-	-	-	-	-	-	-	-	52	999	225	673	28	541	4	965	-	-	-	-	-	-	-	309	761
12	-	-	-	-	-	-	-	-	-	-	122	928	158	368	122	519	34	960	-	-	-	-	-	-	-	436	675
11	-	-	-	-	-	-	-	-	-	-	18	764	93	154	153	424	59	916	-	-	-	-	-	-	-	323	554
10	-	-	-	-	-	-	-	-	-	-	33	740	20	28	171	306	21	839	-	-	-	-	-	-	-	245	465
9	-	-	-	-	-	-	-	-	-	-	87	695	1	1	175	174	67	812	-	-	-	-	-	-	-	330	397
8	-	-	-	-	-	-	-	-	-	-	103	578	-	-	47	38	139	725	-	-	-	-	-	-	-	289	306
7	-	-	-	-	-	-	-	-	-	-	155	439	-	-	2	2	297	544	-	-	-	-	-	-	-	454	226
6	-	-	-	-	-	-	-	-	-	-	146	229	-	-	-	-	122	158	21	#	-	-	-	-	-	289	100
5	-	-	-	-	-	-	-	-	-	-	24	32	-	-	-	-	-	-	44	691	-	-	-	-	-	68	20
4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	44	-	-	-	-	-	1	1
3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	1
2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	29	-	-	-	-	-	2	1
MEAN	-	-	-	-	-	-	-	-	-	-	-	8.5	12.9	12.9	8.0	5.3	-	-	-	-	-	-	-	-	-	10.8	-
S.D.	-	-	-	-	-	-	-	-	-	-	-	2.4	1.3	3.1	2.0	0.7	-	-	-	-	-	-	-	-	-	3.4	-
TOTAL	-	-	-	-	-	-	-	-	-	-	-	741	739	1291	770	68	-	-	-	-	-	-	-	-	-	3609	-
MAX	-	-	-	-	-	-	-	-	-	-	-	15.0	15.8	17.1	14.2	6.1	-	-	-	-	-	-	-	-	-	17.1	-
DATE	-	-	-	-	-	-	-	-	-	-	-	1986073002	1986082106	1987091310	1987100103	1986110102	-	-	-	-	-	-	-	-	-	1987091310	-
MIN	-	-	-	-	-	-	-	-	-	-	-	5.0	9.4	6.8	5.7	2.0	-	-	-	-	-	-	-	-	-	2.0	-
DATE	-	-	-	-	-	-	-	-	-	-	-	1986070107	1986082413	1986091314	1986103014	1986110318	-	-	-	-	-	-	-	-	-	1986110318	-

(* < 0.05% , # = 100.0%)

STATION: STDMA

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

ELEMENT: AIR - SEA TEMPERATURE (DEGREES C) -- POR: (7/1986 - 10/1987) (3604 RECORDS, 2.4% HAVE ELEMENT)

	JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC		ANN		
	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	
16	-	-	-	-	-	-	-	-	-	-	-	-	3	#	-	-	-	-	-	-	-	-	-	-	-	3	#
15	-	-	-	-	-	-	-	-	-	-	-	-	2	996	-	-	-	-	-	-	-	-	-	-	-	2	999
14	-	-	-	-	-	-	-	-	-	-	-	12	993	-	-	-	-	-	-	-	-	-	-	-	-	12	999
13	-	-	-	-	-	-	-	-	-	-	-	6	977	-	-	-	-	-	-	-	-	-	-	-	-	6	995
12	-	-	-	-	-	-	-	-	-	-	-	17	969	-	-	-	-	-	-	-	-	-	-	-	-	17	994
11	-	-	-	-	-	-	-	-	-	-	-	15	946	1	#	-	-	-	-	-	-	-	-	-	-	16	989
10	-	-	-	-	-	-	-	-	-	-	-	29	926	1	999	-	-	2	#	-	-	-	-	-	-	32	984
9	-	-	-	-	-	-	-	-	-	-	-	38	886	2	997	-	-	4	997	-	-	-	-	-	-	44	976
8	-	-	-	-	-	-	-	-	-	-	-	58	835	5	995	-	-	5	992	-	-	-	-	-	-	68	963
7	-	-	-	-	-	-	-	-	-	-	-	66	757	12	988	1	#	7	986	-	-	-	-	-	-	86	945
6	-	-	-	-	-	-	-	-	-	-	-	86	668	32	972	10	999	11	977	-	-	-	-	-	-	139	921
5	-	-	-	-	-	-	-	-	-	-	-	86	551	53	928	18	991	25	962	-	-	-	-	-	-	182	882
4	-	-	-	-	-	-	-	-	-	-	-	92	435	113	857	74	978	30	930	-	-	-	-	-	-	309	832
3	-	-	-	-	-	-	-	-	-	-	-	88	311	165	704	131	920	26	891	-	-	-	-	-	-	410	746
2	-	-	-	-	-	-	-	-	-	-	-	82	192	154	480	204	818	39	857	1	#	-	-	-	-	480	632
1	-	-	-	-	-	-	-	-	-	-	-	48	81	91	272	265	660	57	806	2	985	-	-	-	-	463	499
0	-	-	-	-	-	-	-	-	-	-	-	11	16	49	149	183	455	104	732	3	956	-	-	-	-	350	370
-1	-	-	-	-	-	-	-	-	-	-	-	1	1	34	83	176	313	116	596	7	912	-	-	-	-	334	273
-2	-	-	-	-	-	-	-	-	-	-	-	-	-	19	37	133	176	92	445	9	809	-	-	-	-	253	181
-3	-	-	-	-	-	-	-	-	-	-	-	-	-	8	11	54	73	97	326	7	676	-	-	-	-	166	110
-4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	17	31	46	199	23	574	-	-	-	-	86	64
-5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10	18	46	139	16	235	-	-	-	-	72	41
-6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10	10	38	79	-	-	-	-	-	-	48	21
-7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	2	21	30	-	-	-	-	-	-	24	7
-8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	3	-	-	-	-	-	-	2	1
MEAN	-	-	-	-	-	-	-	-	-	-	-	5.4	2.5	0.5	-0.9	-3.1	-	-	-	-	-	-	-	-	-	1.6	-
S.D.	-	-	-	-	-	-	-	-	-	-	-	3.2	2.0	2.1	3.2	1.7	-	-	-	-	-	-	-	-	-	3.5	-
TOTAL	-	-	-	-	-	-	-	-	-	-	-	740	739	1289	768	68	-	-	-	-	-	-	-	-	-	3604	-
MAX	-	-	-	-	-	-	-	-	-	-	-	16.0	10.9	6.6	9.9	2.1	-	-	-	-	-	-	-	-	-	16.0	-
DATE	-	-	-	-	-	-	-	-	-	-	-	1986070620	1986081619	1986092322	1986102201	1986110100	-	-	-	-	-	-	-	-	-	1986070620	-
MIN	-	-	-	-	-	-	-	-	-	-	-	-1.0	-3.4	-6.7	-7.6	-5.3	-	-	-	-	-	-	-	-	-	-7.6	-
DATE	-	-	-	-	-	-	-	-	-	-	-	1986072802	1986082710	1987093022	1987100104	1986110206	-	-	-	-	-	-	-	-	-	1987100104	-

(* < 0.05% , # = 100.0%)

STATION: STDMA

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

ELEMENT: DEW POINT TEMPERATURE (DEGREES C) -- POR: (9/1990 - 12/2001) (31343 RECORDS, 20.6% HAVE ELEMENT)

Table with 15 columns of numerical data, likely representing wind speed measurements or frequency counts over time. The values range from 0 to 93, with some columns showing a consistent increase or decrease.

Summary statistics table including MEAN, S.D., TOTAL, MAX, DATE, and MIN for various elements. Values range from 0.0 to 148580.

STATION: STDMA

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

(HIGHEST 5-SECOND AVERAGE DURING 2 OR 8-MINUTE PERIOD PRIOR TO OBSERVATION TIME)

ELEMENT: PEAK WIND GUST (KNOTS) -- POR: (7/1984 - 12/2001) (148414 RECORDS, 97.5% HAVE ELEMENT)

Monthly and Annual Frequency table with 13 columns (JAN to ANN) and 2 rows (F, CPF) for each month. Values represent frequency counts, with some months showing zero frequency.

ELEMENT SUMMARY FOR STATION: STDMA

(A) TOTAL STDMET RECORDS READ = 152289
 (B) TOTAL CWIND RECORDS READ = 210935
 (C) TOTAL RECORDS USED IN STATS = 363224

	AIR TMP	SEA TMP	AIR-SEA	DEWPT	SLP	AVWS	PKGS-8M	PKGS-5S	SIGWVHT	AVWVPD	DWVPD	VSBY
(D) ELEMENT RECORDS AVAILABLE	140229	3609	3604	31343	129186	148580	148414	34749	0	0	0	0
(E) ELEMENT OUT OF RANGE	12060	148680	148685	120946	23103	3709	3875	176186	152289	152289	152289	152289

STATION: STDMA -- POR (7/1984 - 12/2001)

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

ELEMENT: AIR TEMPERATURE (DEGREES C)

YEAR	ELEMENT	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1984	MEAN	-	-	-	-	-	-	12.8	15.7	12.2	9.5	-	-	12.6
	MAXIMUM	-	-	-	-	-	-	20.5	22.9	18.0	14.2	-	-	22.9
	DAY-HR	-	-	-	-	-	-	30-21	15-22	08-06	02-21	-	-	AUG
	MINIMUM	-	-	-	-	-	-	6.3	9.8	3.5	4.8	-	-	3.5
	DAY-HR	-	-	-	-	-	-	17-19	01-14	26-05	03-19	-	-	SEP
	# OBS	-	-	-	-	-	-	367	744	716	653	-	-	2480
1985	MEAN	-	-	-	-	-	-	12.2	15.4	12.9	7.7	0.6	-	9.8
	MAXIMUM	-	-	-	-	-	-	18.7	20.8	20.6	12.9	9.0	-	20.8
	DAY-HR	-	-	-	-	-	-	28-23	06-21	20-00	26-21	01-19	-	AUG
	MINIMUM	-	-	-	-	-	-	8.1	11.1	4.8	2.6	-7.9	-	-7.9
	DAY-HR	-	-	-	-	-	-	06-15	19-15	24-15	27-16	27-14	-	NOV
	# OBS	-	-	-	-	-	-	654	740	708	736	674	-	3512
1986	MEAN	-	-	-	-	-	11.6	13.9	15.4	11.7	6.9	-0.0	-1.7	7.8
	MAXIMUM	-	-	-	-	-	19.2	22.5	24.0	18.1	16.6	10.0	4.2	24.0
	DAY-HR	-	-	-	-	-	29-01	31-21	16-19	01-14	22-01	08-15	22-21	AUG
	MINIMUM	-	-	-	-	-	7.2	6.5	8.1	6.2	-0.2	-11.1	-11.3	-11.3
	DAY-HR	-	-	-	-	-	29-15	02-14	27-10	13-13	30-13	13-10	12-11	DEC
	# OBS	-	-	-	-	-	65	740	740	703	731	716	744	4439
1987	MEAN	-3.6	-1.9	-0.1	5.5	7.5	12.4	16.9	17.5	15.2	6.2	2.6	-0.7	6.5
	MAXIMUM	4.4	4.1	9.4	17.6	20.8	24.2	26.4	25.4	20.4	17.2	12.6	4.5	26.4
	DAY-HR	13-20	08-02	08-02	20-22	29-18	19-04	17-22	16-21	06-03	05-04	04-00	09-16	JUL
	MINIMUM	-20.9	-12.3	-12.7	-3.7	1.4	4.2	8.9	9.9	7.1	1.1	-8.4	-8.2	-20.9
	DAY-HR	23-20	15-09	09-15	01-01	23-07	01-11	14-15	31-14	30-20	24-08	20-17	29-14	JAN
	# OBS	738	671	741	514	740	696	744	743	678	742	716	744	8467
1988	MEAN	-7.0	-8.4	-2.7	2.2	7.7	12.0	16.6	17.0	13.3	6.0	2.2	-4.4	4.6
	MAXIMUM	3.8	4.4	6.8	10.8	23.6	27.9	30.2	28.1	20.7	17.9	9.7	6.3	30.2
	DAY-HR	17-01	19-03	25-21	12-22	29-23	15-01	06-20	02-20	02-01	01-00	16-12	03-03	JUL
	MINIMUM	-16.2	-18.4	-11.4	-4.2	-0.9	3.8	7.4	11.6	7.7	-2.3	-5.1	-13.8	-18.4
	DAY-HR	13-16	06-11	01-00	18-15	12-10	17-08	01-10	28-12	28-14	30-08	28-18	11-09	FEB
	# OBS	727	691	741	720	741	717	725	734	715	743	717	733	8704
1989	MEAN	-3.4	-8.7	-5.5	0.9	6.5	8.8	14.1	15.1	13.6	7.3	-0.9	-7.9	3.4
	MAXIMUM	3.9	0.7	15.0	8.7	17.7	19.7	28.1	26.0	22.2	15.6	7.0	2.4	28.1
	DAY-HR	28-09	13-00	27-21	24-20	17-19	18-18	26-22	02-21	06-21	12-23	05-21	05-22	JUL
	MINIMUM	-12.3	-17.8	-19.5	-8.8	-2.4	3.4	6.6	8.0	3.2	0.6	-10.0	-18.5	-19.5
	DAY-HR	11-03	03-18	02-15	09-03	06-03	02-02	14-09	06-12	23-15	17-17	28-13	21-08	MAR
	# OBS	740	670	738	717	738	705	735	738	717	743	713	737	8691
1990	MEAN	-2.6	-5.2	-1.4	2.9	5.1	9.7	13.5	15.5	12.1	6.6	2.8	-3.9	4.6
	MAXIMUM	4.4	5.0	9.6	20.9	19.8	21.4	23.1	25.8	22.2	14.3	14.7	6.8	25.8
	DAY-HR	09-00	22-02	15-20	25-03	31-20	13-22	19-00	30-22	13-20	03-21	01-22	09-13	AUG
	MINIMUM	-11.0	-15.4	-12.2	-7.6	-1.0	2.5	5.8	9.1	4.5	0.6	-5.8	-18.2	-18.2
	DAY-HR	31-07	25-15	03-22	06-16	10-20	03-22	02-03	10-18	23-12	18-17	25-17	26-08	DEC
	# OBS	744	671	734	705	740	709	736	744	645	741	709	723	8601
1991	MEAN	-7.7	-4.3	-1.6	4.0	8.8	13.3	15.1	17.8	12.5	6.1	0.3	-3.0	5.2
	MAXIMUM	2.9	11.4	6.6	17.0	25.0	25.3	29.7	30.6	22.1	17.8	9.3	4.7	30.6
	DAY-HR	19-21	02-23	27-07	05-19	15-20	27-11	19-00	27-01	09-23	17-21	19-01	11-23	AUG
	MINIMUM	-18.0	-16.7	-12.9	-3.2	-0.3	3.7	7.0	9.8	2.1	-0.1	-10.7	-13.3	-18.0
	DAY-HR	24-16	15-13	02-19	01-17	03-17	01-05	02-13	31-16	27-20	15-17	06-19	05-05	JAN
	# OBS	733	667	730	716	743	716	742	739	716	743	717	744	8706
1992	MEAN	-4.6	-4.1	-2.8	1.3	6.5	10.2	11.9	14.6	12.3	6.4	0.7	-3.1	4.0
	MAXIMUM	2.5	1.2	3.3	11.8	18.9	23.7	20.6	25.0	20.4	19.8	8.7	3.7	25.0
	DAY-HR	04-06	27-01	25-01	20-09	08-18	12-04	07-21	24-21	16-20	02-03	10-20	15-16	AUG
	MINIMUM	-19.1	-15.4	-12.6	-7.4	0.1	2.5	5.1	8.8	4.4	-0.9	-4.4	-14.1	-19.1
	DAY-HR	18-05	11-17	11-15	12-18	06-10	20-15	01-18	11-15	28-19	18-18	06-19	26-15	JAN
	# OBS	738	688	741	702	387	715	742	742	715	740	714	741	8365
1993	MEAN	-4.9	-7.0	-2.8	1.2	6.5	10.3	15.3	17.0	11.3	5.3	0.0	-3.2	4.2

	MAXIMUM	4.3	5.4	6.5	10.4	23.5	23.7	23.3	26.5	18.2	18.2	6.8	4.8	26.5
	DAY-HR	31-16	05-01	26-05	23-22	10-00	21-23	31-23	25-21	13-11	07-05	13-21	14-00	AUG
	MINIMUM	-13.0	-15.5	-14.8	-7.1	0.6	3.5	7.0	9.7	1.5	-1.3	-7.3	-20.2	-20.2
	DAY-HR	29-07	17-16	17-16	01-14	01-20	07-19	07-22	03-19	29-14	30-17	22-21	25-21	DEC
	# OBS	730	671	723	717	743	717	741	742	718	743	710	742	8697
1994	MEAN	-11.7	-10.7	-2.5	1.5	6.8	11.5	13.6	14.4	13.9	9.5	4.1	0.2	4.3
	MAXIMUM	-0.1	7.1	7.4	16.9	17.5	23.1	22.5	23.4	21.8	17.8	11.8	6.5	23.4
	DAY-HR	10-21	20-00	22-19	24-04	21-21	15-07	21-04	25-21	16-05	06-21	14-12	02-03	AUG
	MINIMUM	-24.7	-25.7	-12.5	-7.2	1.0	3.7	6.1	7.6	6.6	3.3	-6.4	-11.6	-25.7
	DAY-HR	18-19	07-16	16-15	05-11	01-03	01-14	07-14	04-13	26-09	09-12	23-16	11-13	FEB
	# OBS	743	654	743	720	740	720	734	742	714	733	715	742	8700
1995	MEAN	-4.7	-7.2	-1.4	0.8	7.6	14.0	15.5	18.8	12.6	8.0	-1.9	-4.6	4.9
	MAXIMUM	3.3	3.1	13.1	6.4	24.3	26.6	25.9	26.1	21.6	23.7	5.8	2.7	26.6
	DAY-HR	18-07	19-02	13-18	27-07	30-22	17-23	31-07	10-23	12-23	12-23	07-02	05-07	JUN
	MINIMUM	-16.2	-19.5	-13.2	-14.4	2.7	3.8	6.8	12.0	3.9	-0.3	-11.0	-15.3	-19.5
	DAY-HR	04-06	11-18	02-17	04-12	02-11	08-16	09-13	01-14	22-17	30-15	23-17	11-10	FEB
	# OBS	740	669	736	716	742	711	740	739	714	741	715	739	8702
1996	MEAN	-8.3	-8.3	-5.9	0.2	5.6	11.3	12.5	15.8	12.9	6.8	-0.7	-3.6	3.5
	MAXIMUM	4.1	5.2	6.9	10.7	22.0	28.7	24.6	23.9	22.9	20.4	10.0	4.0	28.7
	DAY-HR	18-13	08-03	14-04	11-06	19-08	29-00	18-02	31-21	07-06	01-21	07-04	01-00	JUN
	MINIMUM	-19.1	-25.6	-16.6	-5.4	-2.7	3.0	5.2	9.4	5.2	-4.8	-7.6	-14.0	-25.6
	DAY-HR	31-12	02-13	06-19	26-15	01-15	24-16	13-12	15-10	29-16	31-09	14-05	25-15	FEB
	# OBS	712	669	740	731	739	713	833	786	716	731	691	737	8798
1997	MEAN	-7.2	-5.4	-3.7	1.4	4.7	13.2	14.2	15.2	14.0	7.9	0.8	-0.6	4.7
	MAXIMUM	2.3	4.6	7.0	14.4	13.9	25.1	25.3	25.1	23.3	19.8	9.5	8.8	25.3
	DAY-HR	03-11	26-01	27-03	30-00	31-13	27-20	13-02	07-23	01-23	08-22	01-09	16-01	JUL
	MINIMUM	-19.5	-15.6	-13.8	-9.5	-0.9	3.9	4.7	10.6	6.3	-2.1	-5.4	-11.7	-19.5
	DAY-HR	16-20	24-18	15-16	08-17	17-10	07-07	03-11	03-12	30-21	27-15	24-14	31-08	JAN
	# OBS	708	656	721	708	732	712	729	735	716	739	699	743	8598
1998	MEAN	-4.6	0.1	-1.2	4.4	9.3	12.3	18.3	19.6	16.6	9.9	3.3	-1.6	7.3
	MAXIMUM	5.5	5.7	12.8	17.7	23.1	22.5	28.2	25.5	27.9	20.1	13.9	10.0	28.2
	DAY-HR	03-08	16-09	27-02	23-20	19-23	21-11	13-21	10-00	05-22	17-20	30-09	15-00	JUL
	MINIMUM	-15.2	-8.9	-12.9	-0.7	3.4	4.0	13.4	14.5	8.3	2.6	-2.0	-16.0	-16.0
	DAY-HR	13-13	13-16	10-16	15-17	02-18	02-08	03-17	18-11	22-19	21-13	12-16	22-15	DEC
	# OBS	716	670	712	690	713	692	737	787	712	736	718	740	8623
1999	MEAN	-6.7	-2.7	-0.8	3.9	9.6	13.4	18.2	17.0	14.9	7.4	4.3	-2.3	6.4
	MAXIMUM	2.9	4.8	12.7	16.7	27.1	27.3	30.8	25.2	25.1	16.1	17.0	5.4	30.8
	DAY-HR	18-02	09-03	31-23	26-03	29-21	26-23	31-02	27-22	04-23	10-06	09-09	03-15	JUL
	MINIMUM	-17.2	-12.6	-9.9	-0.1	2.7	3.0	9.0	12.3	6.9	0.2	-3.6	-12.7	-17.2
	DAY-HR	13-10	04-18	06-16	04-20	13-16	01-09	02-02	17-18	20-22	24-05	30-02	21-12	JAN
	# OBS	741	660	719	720	743	717	718	739	715	743	718	742	8675
2000	MEAN	-5.6	-2.8	1.0	2.3	8.1	10.5	15.1	17.1	13.6	9.7	2.8	-6.6	5.5
	MAXIMUM	2.2	7.8	12.1	13.3	23.3	19.9	23.6	24.3	24.6	19.5	14.8	3.0	24.6
	DAY-HR	10-15	27-06	07-19	24-03	06-03	14-21	13-22	25-20	18-23	01-02	02-23	03-22	SEP
	MINIMUM	-14.4	-11.3	-9.1	-5.3	1.4	3.9	7.5	11.9	4.1	0.8	-7.4	-14.3	-14.4
	DAY-HR	21-20	16-21	09-17	07-15	18-17	11-20	03-14	02-21	27-12	07-13	22-08	10-20	JAN
	# OBS	738	692	739	714	738	720	740	744	717	739	715	741	8737
2001	MEAN	-3.1	-6.6	-2.2	3.3	8.7	12.1	14.9	18.8	13.8	8.2	5.6	0.0	6.2
	MAXIMUM	2.8	1.1	5.0	16.9	19.7	27.2	26.1	28.4	22.8	16.5	16.4	10.2	28.4
	DAY-HR	10-21	25-16	22-18	30-16	21-00	26-21	23-23	05-20	06-20	02-00	18-00	05-22	AUG
	MINIMUM	-11.0	-15.0	-11.8	-2.7	1.6	3.5	5.4	11.7	5.8	0.6	-3.2	-7.9	-15.0
	DAY-HR	19-07	21-17	25-17	16-15	11-15	03-14	01-15	31-11	24-18	06-16	28-11	30-17	FEB
	# OBS	744	672	737	718	742	711	742	744	718	744	719	743	8734
POR	MEAN	-5.7	-5.5	-2.2	2.3	7.3	11.7	14.7	16.5	13.3	7.5	1.6	-2.9	5.3
	MAXIMUM	5.5	11.4	15.0	20.9	27.1	28.7	30.8	30.6	27.9	23.7	17.0	10.2	30.8
	YEAR	1998	1991	1989	1990	1999	1996	1999	1991	1998	1995	1999	2001	JUL/1999
	MINIMUM	-24.7	-25.7	-19.5	-14.4	-2.7	2.5	4.7	7.6	1.5	-4.8	-11.1	-20.2	-25.7
	YEAR	1994	1994	1989	1995	1996	1992	1997	1994	1993	1996	1986	1993	FEB/1994
	# OBS	10992	10071	10995	10508	10721	10736	12899	13422	12753	13221	12076	11835	140229

STATION: STD4 -- POR (7/1986 - 10/1987)

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
1986	MEAN	-	-	-	-	-	-	8.5	12.9	10.2	7.7	5.3	-	9.7
	MAXIMUM	-	-	-	-	-	-	15.0	15.8	13.3	11.7	6.1	-	15.8
	DAY-HR	-	-	-	-	-	-	30-02	21-06	01-20	03-09	01-02	-	AUG
	MINIMUM	-	-	-	-	-	-	5.0	9.4	6.8	5.7	2.0	-	2.0

	DAY-HR	-	-	-	-	-	-	01-07	24-13	13-14	30-14	03-18	-	NOV
	# OBS	-	-	-	-	-	-	741	739	698	731	68	-	2977
1987	MEAN	-	-	-	-	-	-	-	-	16.0	13.2	-	-	15.8
	MAXIMUM	-	-	-	-	-	-	-	-	17.1	14.2	-	-	17.1
	DAY-HR	-	-	-	-	-	-	-	-	13-10	01-03	-	-	SEP
	MINIMUM	-	-	-	-	-	-	-	-	13.8	8.3	-	-	8.3
	DAY-HR	-	-	-	-	-	-	-	-	30-20	02-14	-	-	OCT
	# OBS	-	-	-	-	-	-	-	-	593	39	-	-	632
POR	MEAN	-	-	-	-	-	-	8.5	12.9	12.9	8.0	5.3	-	10.8
	MAXIMUM	-	-	-	-	-	-	15.0	15.8	17.1	14.2	6.1	-	17.1
	YEAR	-	-	-	-	-	-	1986	1986	1987	1987	1986	-	SEP/1987
	MINIMUM	-	-	-	-	-	-	5.0	9.4	6.8	5.7	2.0	-	2.0
	YEAR	-	-	-	-	-	-	1986	1986	1986	1986	1986	-	NOV/1986
	# OBS	-	-	-	-	-	-	741	739	1291	770	68	-	3609

STATION: STDMA -- POR (9/1990 - 12/2001)

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

ELEMENT: DEW POINT TEMPERATURE (DEGREES C)

YEAR	ELEMENT	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1990	MEAN	-	-	-	-	-	-	-	-	6.4	2.1	-2.3	-8.2	-1.3
	MAXIMUM	-	-	-	-	-	-	-	-	16.9	12.6	10.0	2.0	16.9
	DAY-HR	-	-	-	-	-	-	-	-	14-03	03-21	02-15	22-10	SEP
	MINIMUM	-	-	-	-	-	-	-	-	-1.0	-6.4	-10.9	-23.2	-23.2
	DAY-HR	-	-	-	-	-	-	-	-	23-20	28-19	26-03	26-14	DEC
	# OBS	-	-	-	-	-	-	-	-	413	742	708	729	2592
1991	MEAN	-12.1	-9.5	-5.9	-1.2	5.2	8.3	11.7	13.2	8.1	2.0	-3.4	-7.0	0.9
	MAXIMUM	-0.3	0.1	5.9	11.4	19.1	21.4	20.6	20.5	19.8	10.2	7.2	3.1	21.4
	DAY-HR	19-21	05-07	27-13	29-02	23-06	27-10	18-18	29-10	16-10	24-22	18-23	12-22	JUN
	MINIMUM	-24.3	-21.5	-17.6	-14.9	-12.6	0.3	4.0	0.6	-5.6	-10.9	-17.4	-20.9	-24.3
	DAY-HR	24-16	15-12	07-16	24-02	19-21	07-00	01-05	07-22	29-07	19-08	06-19	02-06	JAN
	# OBS	736	668	720	712	742	718	742	739	716	740	709	743	8685
1992	MEAN	-8.0	-8.7	-	-1.7	1.6	5.1	-	-	-	-	-	-	-2.9
	MAXIMUM	1.6	-0.7	-	11.8	16.3	14.0	-	-	-	-	-	-	16.3
	DAY-HR	04-01	04-04	-	20-09	23-01	05-11	-	-	-	-	-	-	MAY
	MINIMUM	-24.7	-18.3	-	-15.0	-12.8	-4.4	-	-	-	-	-	-	-24.7
	DAY-HR	18-08	08-18	-	13-00	26-22	02-01	-	-	-	-	-	-	JAN
	# OBS	732	243	-	504	704	177	-	-	-	-	-	-	2360
1993	MEAN	-	-	-	-	-	-	-	-	-	-	-6.5	-7.1	-6.9
	MAXIMUM	-	-	-	-	-	-	-	-	-	-	2.6	2.1	2.6
	DAY-HR	-	-	-	-	-	-	-	-	-	-	27-00	14-20	NOV
	MINIMUM	-	-	-	-	-	-	-	-	-	-	-12.4	-26.2	-26.2
	DAY-HR	-	-	-	-	-	-	-	-	-	-	22-21	26-01	DEC
	# OBS	-	-	-	-	-	-	-	-	-	-	276	738	1014
1994	MEAN	-15.8	-15.0	-6.8	-4.5	-2.8	-	-	-	-	8.4	-	-	-9.4
	MAXIMUM	-2.7	5.3	0.4	7.6	7.5	-	-	-	-	13.6	-	-	13.6
	DAY-HR	01-05	20-00	06-15	24-11	11-14	-	-	-	-	18-00	-	-	OCT
	MINIMUM	-29.3	-32.0	-19.5	-18.1	-14.0	-	-	-	-	5.8	-	-	-32.0
	DAY-HR	18-14	07-16	16-14	23-02	07-19	-	-	-	-	16-11	-	-	FEB
	# OBS	743	654	737	716	251	-	-	-	-	82	-	-	3183
1995	MEAN	-6.2	-11.8	-6.3	-3.5	0.5	6.5	9.9	-	-	-	-	-	-2.4
	MAXIMUM	1.9	0.8	7.8	5.6	10.3	18.5	20.1	-	-	-	-	-	20.1
	DAY-HR	13-21	20-14	14-19	12-13	16-22	27-23	13-09	-	-	-	-	-	JUL
	MINIMUM	-11.7	-27.4	-23.8	-20.6	-16.6	-19.5	2.6	-	-	-	-	-	-27.4
	DAY-HR	28-13	11-14	03-01	04-18	09-06	09-22	07-06	-	-	-	-	-	FEB
	# OBS	489	669	717	711	736	688	278	-	-	-	-	-	4288
1997	MEAN	-	-	-	-	-	-	11.1	11.7	12.0	-	-	-	11.7
	MAXIMUM	-	-	-	-	-	-	19.3	17.6	18.3	-	-	-	19.3
	DAY-HR	-	-	-	-	-	-	27-21	26-21	01-00	-	-	-	JUL
	MINIMUM	-	-	-	-	-	-	4.9	4.6	1.4	-	-	-	1.4
	DAY-HR	-	-	-	-	-	-	20-00	13-23	03-19	-	-	-	SEP
	# OBS	-	-	-	-	-	-	298	695	357	-	-	-	1350
1999	MEAN	-	-	-	-	-	9.4	14.6	13.2	10.1	2.4	-	-	10.6
	MAXIMUM	-	-	-	-	-	16.5	23.6	19.2	18.9	10.6	-	-	23.6
	DAY-HR	-	-	-	-	-	27-08	04-11	27-18	04-02	10-03	-	-	JUL
	MINIMUM	-	-	-	-	-	4.1	6.1	1.6	-2.1	-9.4	-	-	-9.4
	DAY-HR	-	-	-	-	-	30-01	11-03	29-15	21-07	04-06	-	-	OCT
	# OBS	-	-	-	-	-	145	736	738	715	509	-	-	2843

2001	MEAN	-	-	-	-	-	8.7	11.2	15.1	9.8	4.0	2.1	-3.2	6.8
	MAXIMUM	-	-	-	-	-	19.6	21.3	24.6	19.1	12.9	12.2	10.0	24.6
	DAY-HR	-	-	-	-	-	26-16	23-21	06-18	07-20	10-22	15-08	05-22	AUG
	MINIMUM	-	-	-	-	-	-7.1	0.6	4.4	-1.0	-7.2	-7.9	-12.8	-12.8
	DAY-HR	-	-	-	-	-	07-02	01-19	31-20	24-15	06-23	28-16	30-19	DEC
	# OBS	-	-	-	-	-	626	742	743	718	743	717	739	5028
POR	MEAN	-10.9	-11.7	-6.3	-2.8	1.9	7.7	12.1	13.3	9.2	2.8	-1.8	-6.4	1.0
	MAXIMUM	1.9	5.3	7.8	11.8	19.1	21.4	23.6	24.6	19.8	13.6	12.2	10.0	24.6
	YEAR	1995	1994	1995	1992	1991	1991	1999	2001	1991	1994	2001	2001	AUG/2001
	MINIMUM	-29.3	-32.0	-23.8	-20.6	-16.6	-19.5	0.6	0.6	-5.6	-10.9	-17.4	-26.2	-32.0
	YEAR	1994	1994	1995	1995	1995	1995	2001	1991	1991	1991	1991	1993	FEB/1994
	# OBS	2700	2234	2174	2643	2433	2354	2796	2915	2919	2816	2410	2949	31343

STATION: STDMA -- POR (7/1984 - 12/2001)

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

ELEMENT: SEA LEVEL PRESSURE (MILLIBARS)

YEAR	ELEMENT	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1984	MEAN	-	-	-	-	-	-	1017.0	1015.5	1017.4	1018.2	-	-	1017.0
	MAXIMUM	-	-	-	-	-	-	1027.4	1025.5	1029.2	1031.7	-	-	1031.7
	DAY-HR	-	-	-	-	-	-	28-17	11-17	26-19	11-15	-	-	OCT
	MINIMUM	-	-	-	-	-	-	1001.5	1003.2	1000.5	993.7	-	-	993.7
	DAY-HR	-	-	-	-	-	-	17-13	09-12	20-03	28-02	-	-	OCT
	# OBS	-	-	-	-	-	-	369	744	716	652	-	-	2481
1985	MEAN	-	-	-	-	-	-	1014.8	1016.9	1016.9	1016.4	1018.8	-	1016.8
	MAXIMUM	-	-	-	-	-	-	1026.8	1027.0	1039.1	1033.0	1039.0	-	1039.1
	DAY-HR	-	-	-	-	-	-	30-16	01-16	13-17	28-16	11-15	-	SEP
	MINIMUM	-	-	-	-	-	-	1003.1	1004.8	988.6	995.5	994.2	-	988.6
	DAY-HR	-	-	-	-	-	-	24-23	13-07	24-02	05-05	20-06	-	SEP
	# OBS	-	-	-	-	-	-	654	739	709	736	674	-	3512
1986	MEAN	-	-	-	-	-	1014.6	1014.0	1016.0	1016.2	1018.0	1016.7	1017.2	1016.3
	MAXIMUM	-	-	-	-	-	1019.5	1021.7	1029.2	1034.8	1032.5	1037.0	1037.6	1037.6
	DAY-HR	-	-	-	-	-	30-15	14-16	21-19	16-16	18-17	30-23	01-02	DEC
	MINIMUM	-	-	-	-	-	1010.2	1000.8	1005.2	1002.8	1002.5	995.5	995.6	995.5
	DAY-HR	-	-	-	-	-	29-01	04-13	15-03	04-11	14-19	08-15	03-18	NOV
	# OBS	-	-	-	-	-	65	741	740	701	731	716	744	4438
1987	MEAN	1013.3	1014.6	-	1015.5	1017.3	1013.0	1014.2	1014.6	1014.0	1016.0	1017.6	1013.5	1014.9
	MAXIMUM	1028.8	1030.1	-	1031.6	1034.4	1026.5	1021.2	1026.1	1024.4	1033.6	1036.1	1037.1	1037.1
	DAY-HR	16-16	05-00	-	24-17	04-14	09-18	20-18	23-19	03-13	31-16	10-16	29-17	DEC
	MINIMUM	997.2	989.0	-	997.5	1001.1	1003.6	1005.3	1001.2	1006.4	991.3	988.6	987.5	987.5
	DAY-HR	11-19	08-04	-	29-06	11-11	12-01	10-01	16-23	19-17	02-04	17-18	12-06	DEC
	# OBS	738	333	-	513	742	719	744	743	678	742	716	744	7412
1988	MEAN	1016.6	1015.8	1015.7	1013.6	1015.4	1016.3	1015.9	1013.1	1014.8	1014.8	1009.5	1014.9	1014.7
	MAXIMUM	1036.1	1037.9	1033.0	1031.7	1025.5	1026.1	1022.2	1023.1	1032.8	1034.1	1028.9	1034.8	1037.9
	DAY-HR	14-08	11-03	31-18	01-00	25-14	09-17	22-16	18-18	28-15	06-15	18-18	26-16	FEB
	MINIMUM	994.2	978.2	992.2	995.8	993.8	998.3	1003.2	997.2	989.7	994.1	978.4	989.1	978.2
	DAY-HR	16-20	22-11	25-10	17-10	09-21	25-08	14-00	25-17	20-05	28-08	16-17	23-12	FEB
	# OBS	727	691	741	720	742	717	722	734	715	743	717	734	8703
1989	MEAN	1013.9	1020.9	1021.2	1015.7	1015.1	1015.8	1018.8	1015.3	1018.0	1016.6	1010.5	1017.4	1016.6
	MAXIMUM	1035.9	1049.3	1038.0	1026.0	1029.6	1029.6	1027.3	1026.5	1031.8	1039.5	1026.2	1039.5	1049.3
	DAY-HR	11-11	17-17	07-16	22-16	11-15	29-13	23-16	18-11	27-09	18-17	29-03	23-05	FEB
	MINIMUM	984.4	1000.2	995.8	1002.7	990.6	1007.9	1002.5	1000.4	1005.5	996.2	991.3	997.2	984.4
	DAY-HR	08-06	01-00	15-05	02-08	25-06	26-22	10-02	04-00	22-15	11-21	11-13	05-21	JAN
	# OBS	740	670	740	716	737	707	738	738	718	743	714	737	8698
1990	MEAN	1009.5	1017.5	1019.2	1014.3	1015.0	1011.1	1016.8	1017.5	1015.9	1014.7	1013.6	1017.0	1015.2
	MAXIMUM	1030.0	1041.3	1044.7	1026.5	1028.4	1025.2	1030.2	1027.9	1030.7	1031.5	1030.8	1037.8	1044.7
	DAY-HR	19-08	25-17	06-17	18-17	03-17	10-18	12-17	06-16	17-17	08-17	13-16	03-04	MAR
	MINIMUM	980.3	998.9	995.1	997.4	994.8	986.9	998.3	1007.8	996.4	992.1	991.4	997.5	980.3
	DAY-HR	11-12	13-04	17-14	28-22	10-16	03-11	03-23	28-08	25-08	03-21	23-12	12-21	JAN
	# OBS	744	671	737	709	740	709	738	744	644	742	709	734	8621
1991	MEAN	1017.3	1015.8	1013.1	1016.5	1016.6	1017.7	1016.2	1018.5	1016.1	1020.0	1015.6	-	1016.6
	MAXIMUM	1043.0	1030.7	1030.4	1040.2	1036.4	1030.4	1027.7	1030.8	1031.5	1034.5	1029.8	-	1043.0
	DAY-HR	07-16	01-14	16-16	12-06	18-17	06-16	27-16	31-20	01-15	30-21	08-14	-	JAN
	MINIMUM	990.7	997.4	981.3	995.6	997.0	1004.2	1005.2	999.9	986.4	1004.6	990.6	-	981.3
	DAY-HR	27-19	14-11	28-02	30-19	01-00	15-06	19-00	17-08	25-19	21-16	02-09	-	MAR
	# OBS	737	670	730	716	744	719	373	739	633	300	333	-	6694
1992	MEAN	-	-	-	1017.6	1017.6	1013.2	1012.5	1016.5	1014.0	1015.2	1015.6	1014.8	1015.1
	MAXIMUM	-	-	-	1038.5	1032.1	1024.0	1022.6	1027.8	1028.7	1027.7	1031.7	1031.5	1038.5
	DAY-HR	-	-	-	13-02	18-16	01-14	22-15	14-16	29-15	21-17	19-16	29-02	APR

	MINIMUM	-	-	-	1000.1	998.7	991.0	1002.4	997.7	996.2	997.8	988.7	991.5	988.7
	DAY-HR	-	-	-	21-14	01-21	18-06	03-12	30-05	18-13	12-09	13-05	25-12	NOV
	# OBS	-	-	-	513	738	717	742	742	715	741	715	739	6362
1993	MEAN	1018.9	1020.0	1018.9	1015.3	1017.0	1011.4	-	-	-	-	1018.7	1027.7	1017.7
	MAXIMUM	1040.3	1037.4	1036.4	1030.1	1027.6	1018.0	-	-	-	-	1036.0	1029.9	1040.3
	DAY-HR	09-23	11-14	17-18	26-15	29-15	07-14	-	-	-	-	25-05	01-00	JAN
	MINIMUM	991.1	1005.8	999.2	990.0	993.7	996.5	-	-	-	-	994.4	1025.6	990.0
	DAY-HR	31-07	22-08	08-04	24-21	24-13	09-11	-	-	-	-	19-18	01-16	APR
	# OBS	730	670	723	717	438	240	-	-	-	-	277	17	3812
1994	MEAN	-	1021.8	1013.3	1013.4	1014.7	1012.9	1012.8	1015.0	1015.6	1014.3	1013.3	1020.1	1014.8
	MAXIMUM	-	1039.4	1030.6	1033.4	1030.3	1026.1	1023.7	1027.9	1029.6	1028.5	1030.4	1035.4	1039.4
	DAY-HR	-	22-15	11-15	28-10	17-15	08-17	03-16	09-16	03-16	14-15	10-16	29-16	FEB
	MINIMUM	-	1000.8	993.0	982.9	995.2	999.7	1001.5	995.6	1000.8	996.6	974.8	1003.2	974.8
	DAY-HR	-	19-20	14-21	16-05	11-13	28-22	09-02	28-05	28-08	28-21	28-15	02-01	NOV
	# OBS	-	291	743	720	740	719	736	742	716	733	714	742	7596
1995	MEAN	1014.2	1014.1	1020.3	1014.3	1013.0	1014.6	1010.6	1014.6	1016.5	1008.7	1013.6	1017.2	1014.3
	MAXIMUM	1028.8	1030.4	1035.8	1031.0	1028.4	1024.0	1020.1	1025.0	1027.8	1025.3	1026.8	1032.2	1035.8
	DAY-HR	10-02	26-16	09-15	10-17	26-15	08-19	30-08	22-15	10-13	30-16	24-10	13-03	MAR
	MINIMUM	990.3	981.5	988.7	993.8	990.6	996.6	1000.3	1001.4	1001.5	987.5	991.8	988.9	981.5
	DAY-HR	31-20	10-15	21-06	19-04	14-10	07-05	06-09	31-03	13-11	27-20	30-23	01-04	FEB
	# OBS	740	669	736	716	742	711	739	739	714	741	715	739	8701
1996	MEAN	1016.9	1014.4	1018.9	1014.7	1018.3	1015.3	1014.5	1018.0	1014.6	1013.1	1019.0	1013.4	1015.9
	MAXIMUM	1036.5	1032.6	1036.2	1031.4	1032.1	1023.5	1027.5	1025.9	1028.3	1032.2	1040.8	1031.1	1040.8
	DAY-HR	06-16	04-15	27-08	05-17	24-17	26-17	27-17	10-14	18-15	04-14	14-17	31-15	NOV
	MINIMUM	991.1	991.7	993.3	985.8	996.1	1004.8	1003.6	1007.6	996.3	977.7	998.3	993.4	977.7
	DAY-HR	19-03	11-01	25-14	25-22	01-00	02-13	08-13	07-13	27-12	30-10	30-23	01-19	OCT
	# OBS	712	669	740	731	739	713	833	785	716	731	691	736	8796
1997	MEAN	1013.3	1018.4	1016.7	1014.6	1013.7	1012.5	1015.2	1016.2	1013.6	1014.7	1013.5	1011.9	1014.5
	MAXIMUM	1038.0	1038.0	1034.5	1032.9	1031.1	1025.7	1028.1	1025.9	1034.2	1034.8	1032.9	1025.5	1038.0
	DAY-HR	29-16	24-17	18-17	09-14	27-16	09-14	30-14	11-16	03-16	16-15	06-08	21-16	FEB
	MINIMUM	991.1	999.6	997.5	982.4	993.1	991.7	993.9	996.4	981.1	993.4	986.1	999.7	981.1
	DAY-HR	16-03	26-06	28-19	06-20	05-17	16-06	02-19	15-17	29-19	13-13	02-17	15-18	SEP
	# OBS	707	656	720	708	731	712	728	734	716	739	699	743	8593
1998	MEAN	1016.7	1015.6	1016.9	1015.7	1012.2	1010.1	1013.7	1016.6	1012.3	1018.2	1013.4	1014.7	1014.7
	MAXIMUM	1032.3	1030.7	1037.2	1033.8	1023.0	1023.7	1026.1	1027.2	1023.2	1030.6	1031.2	1034.4	1037.2
	DAY-HR	14-09	03-16	15-16	27-17	09-15	08-19	31-19	18-19	16-06	22-07	02-17	20-08	MAR
	MINIMUM	997.1	1000.3	993.4	998.1	996.0	994.0	1000.5	998.5	1001.9	989.4	970.5	999.9	970.5
	DAY-HR	10-04	27-20	28-15	01-06	31-10	12-11	21-11	24-04	21-01	18-11	11-02	27-18	NOV
	# OBS	716	670	712	690	713	692	737	787	712	736	717	740	8622
1999	MEAN	1016.3	1014.2	1019.9	1017.4	1013.5	1014.7	1011.9	1015.2	1012.8	1015.4	1015.5	1014.0	1015.1
	MAXIMUM	1038.5	1035.3	1040.0	1034.1	1026.9	1025.7	1022.5	1029.4	1024.9	1029.3	1040.2	1030.2	1040.2
	DAY-HR	14-04	21-18	07-17	24-14	01-00	19-14	10-19	30-13	16-16	03-17	30-03	01-00	NOV
	MINIMUM	988.2	982.3	991.9	998.3	991.1	999.3	998.8	1001.9	999.6	988.6	995.5	983.0	982.3
	DAY-HR	18-18	12-03	17-20	06-19	07-00	05-17	31-03	13-09	30-21	22-05	24-07	29-21	FEB
	# OBS	741	660	719	720	743	716	718	739	715	743	718	742	8674
2000	MEAN	1017.8	1016.8	1015.5	1017.2	1010.5	1012.3	1015.2	1015.7	1013.9	1019.4	1013.0	1020.8	1015.7
	MAXIMUM	1043.4	1032.6	1035.2	1031.5	1025.6	1025.5	1024.5	1028.0	1033.3	1036.4	1029.6	1039.1	1043.4
	DAY-HR	17-02	17-09	17-17	12-18	19-14	05-15	07-11	20-14	05-15	28-14	11-16	02-16	JAN
	MINIMUM	983.4	998.4	975.9	989.9	992.1	987.7	1003.5	999.7	993.1	998.5	1002.1	998.1	975.9
	DAY-HR	10-21	26-22	27-13	06-08	24-08	16-12	02-02	07-02	19-15	02-12	20-06	17-05	MAR
	# OBS	738	692	739	714	738	720	740	744	716	739	719	740	8739
2001	MEAN	1014.5	1018.1	1016.0	1014.8	1013.2	1014.4	1015.3	1014.4	1017.6	1012.0	1015.9	1011.4	1014.8
	MAXIMUM	1031.3	1038.9	1029.4	1033.2	1029.7	1025.4	1028.8	1024.1	1033.1	1039.0	1032.0	1027.2	1039.0
	DAY-HR	01-17	11-15	18-18	28-15	05-14	27-20	26-17	13-16	14-14	30-07	28-15	11-16	OCT
	MINIMUM	986.2	982.8	988.9	984.9	991.6	995.5	1003.9	1000.1	998.0	978.1	992.2	992.3	978.1
	DAY-HR	05-06	25-16	13-16	12-14	22-04	19-07	23-23	30-14	08-19	25-17	25-09	06-02	OCT
	# OBS	744	672	737	718	742	711	742	744	716	744	719	743	8732
POR	MEAN	1015.3	1016.9	1017.4	1015.3	1014.8	1013.8	1014.6	1015.9	1015.3	1015.4	1014.7	1015.6	1015.4
	MAXIMUM	1043.4	1049.3	1044.7	1040.2	1036.4	1030.4	1030.2	1030.8	1039.1	1039.5	1040.8	1039.5	1049.3
	YEAR	2000	1989	1990	1991	1991	1991	1990	1991	1985	1989	1996	1989	FEB/1989
	MINIMUM	980.3	978.2	975.9	982.4	990.6	986.9	993.9	995.6	981.1	977.7	970.5	983.0	970.5
	YEAR	1990	1988	2000	1997	1995	1990	1997	1994	1997	1996	1998	1999	NOV/1998
	# OBS	9514	8684	9517	10321	10769	10287	11794	12677	11950	12036	11263	10374	129186

STATION: STDMA -- POR (7/1984 - 12/2001)

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

ELEMENT: AVERAGE WIND SPEED (KNOTS)

YEAR	ELEMENT	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
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1984	MEAN	-	-	-	-	-	-	12.9	11.8	14.9	16.7	19.4	20.1	16.2
	MAXIMUM	-	-	-	-	-	-	32.1	27.0	33.0	47.0	44.1	46.1	47.0
	DAY-HR	-	-	-	-	-	-	22-22	30-21	25-22	19-11	03-16	17-01	OCT
	MINIMUM	-	-	-	-	-	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	DAY-HR	-	-	-	-	-	-	28-17	29-23	21-03	10-19	13-06	21-02	DEC
	# OBS	-	-	-	-	-	-	366	744	716	740	718	742	4026
1985	MEAN	19.2	16.9	18.3	16.1	14.1	15.9	13.0	12.6	14.5	16.7	17.7	19.1	16.2
	MAXIMUM	44.1	40.0	51.1	42.0	34.0	36.2	29.0	32.1	41.0	43.2	43.2	50.2	51.1
	DAY-HR	14-12	14-22	04-15	06-13	31-23	22-05	24-22	13-05	24-06	05-14	20-10	02-07	MAR
	MINIMUM	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	DAY-HR	29-21	23-15	22-20	28-14	28-18	16-14	31-19	31-02	29-16	11-06	14-01	10-11	DEC
	# OBS	738	665	733	706	741	717	742	742	709	737	718	742	8690
1986	MEAN	17.7	14.2	15.9	17.3	13.8	16.1	13.6	12.2	14.9	14.0	18.8	17.7	15.5
	MAXIMUM	46.1	31.1	49.2	38.1	34.0	33.0	36.2	35.0	36.2	48.0	46.1	38.1	49.2
	DAY-HR	12-15	20-12	19-09	26-07	01-16	26-22	05-23	23-12	27-05	06-02	09-06	04-01	MAR
	MINIMUM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	DAY-HR	21-19	25-12	27-17	18-05	28-06	30-17	30-02	28-15	24-18	27-07	21-14	30-22	DEC
	# OBS	728	657	738	719	743	716	741	741	703	734	716	744	8680
1987	MEAN	17.8	15.5	16.4	14.9	14.2	12.4	12.6	13.5	13.4	17.3	17.3	17.9	15.3
	MAXIMUM	34.0	55.0	37.1	37.1	35.0	30.1	32.1	38.1	31.1	48.0	39.1	42.0	55.0
	DAY-HR	07-04	08-05	03-02	30-00	22-00	02-03	17-01	22-05	30-13	02-12	05-23	15-21	FEB
	MINIMUM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	DAY-HR	31-15	23-23	31-22	16-14	31-16	30-02	30-08	28-09	28-23	29-15	27-12	29-21	DEC
	# OBS	738	671	741	514	741	720	744	744	679	742	716	744	8494
1988	MEAN	19.4	18.5	19.0	14.2	14.2	15.5	11.3	14.0	16.9	17.3	19.3	20.0	16.6
	MAXIMUM	44.1	45.1	42.0	36.2	44.1	32.1	32.1	36.2	38.1	43.2	46.1	43.2	46.1
	DAY-HR	20-14	20-07	12-11	18-02	13-09	19-08	15-15	14-16	04-15	28-17	06-07	03-18	NOV
	MINIMUM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0
	DAY-HR	30-10	27-22	24-02	30-08	30-20	28-22	22-22	30-14	21-21	23-00	18-21	21-23	NOV
	# OBS	728	691	741	718	742	717	726	734	715	743	718	735	8708
1989	MEAN	18.2	20.1	15.8	13.2	12.7	13.3	9.7	11.8	14.2	17.3	19.5	18.0	15.3
	MAXIMUM	44.1	40.0	41.0	33.0	42.0	34.0	28.0	29.0	43.2	39.1	44.1	48.0	48.0
	DAY-HR	27-04	08-13	15-06	17-13	25-06	08-18	10-11	02-03	22-23	21-03	20-19	02-21	DEC
	MINIMUM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0
	DAY-HR	18-18	28-02	28-05	10-23	23-10	01-13	29-03	31-08	27-02	14-19	27-19	04-21	DEC
	# OBS	740	670	741	719	736	707	736	738	718	743	714	738	8700
1990	MEAN	18.3	18.0	16.5	16.3	13.5	16.0	12.1	12.0	14.8	17.4	20.3	20.8	16.3
	MAXIMUM	48.0	41.0	38.1	39.1	41.0	38.1	38.1	35.0	44.1	48.0	43.9	45.1	48.0
	DAY-HR	28-04	19-01	02-14	15-13	10-20	03-19	18-05	08-09	22-23	18-16	25-09	04-04	OCT
	MINIMUM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0
	DAY-HR	23-13	08-23	11-00	22-16	30-20	27-11	24-14	29-20	17-18	28-22	13-19	22-09	NOV
	# OBS	744	671	735	708	740	711	737	744	645	742	711	734	8622
1991	MEAN	20.2	17.0	16.2	15.9	14.9	13.6	12.7	12.7	16.8	17.0	18.8	17.4	16.1
	MAXIMUM	42.0	42.0	42.0	34.0	36.9	33.0	33.0	31.1	43.9	40.0	45.1	45.1	45.1
	DAY-HR	22-20	22-10	02-12	14-21	01-06	27-03	24-02	27-02	26-08	05-13	30-14	01-20	DEC
	MINIMUM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0
	DAY-HR	15-18	06-04	18-06	06-04	31-23	23-19	21-21	20-12	07-07	10-22	26-06	06-12	DEC
	# OBS	736	670	730	717	744	718	742	739	716	743	717	744	8716
1992	MEAN	16.3	14.6	13.4	14.8	16.6	14.6	14.3	13.6	19.4	15.0	17.3	20.2	15.8
	MAXIMUM	43.0	36.0	34.0	41.0	36.4	35.8	33.8	33.8	50.5	45.9	44.5	50.7	50.7
	DAY-HR	24-01	04-11	17-08	12-05	10-21	18-01	20-08	30-08	28-16	16-19	13-07	25-22	DEC
	MINIMUM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0
	DAY-HR	26-17	21-17	29-23	17-17	27-05	24-15	31-05	14-05	29-22	27-20	18-11	10-19	DEC
	# OBS	738	688	741	702	738	717	742	742	715	739	713	741	8716
1993	MEAN	19.7	17.8	13.9	15.6	14.7	14.6	15.1	12.6	15.9	18.4	18.1	18.1	16.2
	MAXIMUM	44.9	35.8	38.9	38.1	34.8	35.8	34.6	27.8	41.6	53.7	46.7	44.7	53.7
	DAY-HR	28-22	07-20	16-22	16-09	12-01	15-00	05-16	01-21	30-23	21-18	20-00	29-16	OCT
	MINIMUM	1.6	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.8	0.0
	DAY-HR	21-20	08-19	30-01	14-05	22-00	10-23	13-21	21-15	21-17	13-10	08-22	23-02	NOV
	# OBS	729	671	723	717	743	718	741	744	718	742	711	742	8699
1994	MEAN	20.3	18.5	15.8	16.6	15.2	13.5	14.6	14.7	13.7	18.8	21.9	16.6	16.7
	MAXIMUM	43.4	45.5	40.6	45.7	35.8	44.1	32.1	40.4	34.4	40.0	53.7	40.2	53.7
	DAY-HR	10-16	18-21	08-00	16-10	14-14	14-21	12-14	28-13	25-16	24-01	19-00	28-11	NOV
	MINIMUM	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	2.3	0.0	1.2	0.0
	DAY-HR	09-21	12-00	11-11	30-21	21-16	26-16	22-10	12-22	14-12	08-01	10-17	23-12	NOV
	# OBS	743	654	743	720	739	720	735	742	716	734	715	742	8703
1995	MEAN	19.1	21.8	15.8	15.2	16.0	14.2	14.9	14.2	14.9	18.8	18.8	20.6	17.0
	MAXIMUM	49.2	45.3	36.2	45.5	33.8	31.5	34.0	32.9	43.0	44.9	37.7	52.7	52.7
	DAY-HR	05-11	10-20	21-22	04-01	30-21	17-03	31-03	25-12	07-02	21-05	03-09	05-22	DEC
	MINIMUM	0.0	0.0	0.0	0.8	1.2	0.0	0.0	0.0	0.2	0.0	0.6	0.2	0.0
	DAY-HR	27-08	19-20	25-16	23-10	20-00	30-05	17-03	22-15	25-22	26-17	18-11	18-15	OCT
	# OBS	740	669	736	715	742	712	741	739	714	741	715	739	8703

1996	MEAN	18.5	18.0	16.3	15.1	12.5	13.8	16.3	14.4	14.6	19.1	18.6	17.0	16.1
	MAXIMUM	51.3	44.1	43.0	40.8	32.1	33.0	33.6	32.9	39.1	56.2	47.2	46.3	56.2
	DAY-HR	27-17	11-09	25-14	26-12	20-07	30-19	05-14	05-22	29-15	30-16	16-01	24-11	OCT
	MINIMUM	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.7	0.0	0.0
	DAY-HR	23-14	24-06	23-23	06-04	27-18	10-19	15-03	24-00	20-00	08-14	14-21	07-23	DEC
	# OBS	712	653	740	731	739	713	833	786	716	731	691	737	8782
1997	MEAN	21.4	16.7	14.5	14.1	13.1	12.9	13.4	12.4	16.4	17.9	15.3	15.2	15.2
	MAXIMUM	44.3	34.8	36.9	47.0	37.3	37.9	44.1	25.7	36.7	42.6	38.3	38.3	47.0
	DAY-HR	16-05	14-01	15-00	07-05	09-14	25-02	02-12	15-06	30-08	10-02	17-02	12-22	APR
	MINIMUM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.4	0.0	0.0
	DAY-HR	26-23	28-03	20-21	28-21	17-06	22-19	28-02	24-17	26-06	01-18	21-23	27-16	DEC
	# OBS	708	656	723	708	733	713	729	735	716	739	699	743	8602
1998	MEAN	14.8	13.2	15.6	13.2	14.3	13.1	11.8	11.6	14.1	17.5	17.4	19.4	14.7
	MAXIMUM	35.2	33.2	38.9	41.0	33.2	30.7	32.1	31.7	32.9	46.3	48.4	38.3	48.4
	DAY-HR	11-00	27-16	09-12	01-04	15-03	12-11	21-21	24-04	21-02	18-17	11-10	29-11	NOV
	MINIMUM	0.6	0.0	0.2	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0
	DAY-HR	18-04	19-05	07-22	21-03	11-15	25-09	11-03	04-02	30-08	10-19	08-15	01-21	NOV
	# OBS	716	670	712	690	713	692	737	787	712	736	714	740	8619
1999	MEAN	18.2	17.5	15.1	12.9	16.1	16.8	13.7	12.3	15.5	18.4	19.1	18.4	16.1
	MAXIMUM	41.4	45.1	40.2	34.4	32.1	28.2	34.2	31.3	40.4	49.4	46.5	51.7	51.7
	DAY-HR	19-04	12-06	21-13	04-15	07-02	26-17	06-13	08-01	30-23	22-22	02-02	26-05	DEC
	MINIMUM	1.4	0.0	0.0	0.0	0.0	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	DAY-HR	20-09	22-06	14-09	30-23	09-23	27-22	02-06	20-03	24-20	11-23	20-21	06-15	DEC
	# OBS	741	660	719	720	231	145	718	739	715	743	718	742	7591
2000	MEAN	18.1	16.2	15.4	13.7	14.6	14.8	12.8	12.1	16.3	16.1	17.1	18.0	15.4
	MAXIMUM	42.8	34.2	43.2	39.7	32.9	33.2	29.0	37.5	37.1	36.5	34.4	43.7	43.7
	DAY-HR	16-05	07-03	25-20	09-22	08-22	20-18	17-16	16-06	21-09	07-15	22-06	05-05	DEC
	MINIMUM	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0
	DAY-HR	30-02	23-12	21-23	27-14	17-18	19-15	23-04	30-12	28-04	25-05	19-20	07-14	NOV
	# OBS	738	692	739	714	738	720	740	743	716	740	719	742	8741
2001	MEAN	17.4	16.8	13.1	-	-	15.4	15.4	14.0	15.3	18.9	19.9	21.1	17.0
	MAXIMUM	39.7	39.7	34.8	-	-	46.1	32.1	32.5	43.4	51.7	44.5	60.8	60.8
	DAY-HR	05-15	25-23	11-05	-	-	19-07	01-13	01-15	08-19	26-11	08-15	06-06	DEC
	MINIMUM	2.1	0.0	0.2	-	-	0.0	0.0	0.0	0.0	0.0	2.3	0.0	0.0
	DAY-HR	06-09	25-15	03-02	-	-	28-07	14-12	22-21	15-00	28-00	09-05	21-21	DEC
	# OBS	744	672	334	-	-	629	742	744	717	744	719	743	6788
POR	MEAN	18.5	17.1	15.8	15.0	14.3	14.4	13.4	12.9	15.4	17.4	18.6	18.6	16.0
	MAXIMUM	51.3	55.0	51.1	47.0	44.1	46.1	44.1	40.4	50.5	56.2	53.7	60.8	60.8
	YEAR	1996	1987	1985	1997	1988	2001	1997	1994	1992	1996	1994	2001	DEC/2001
	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	2000	2001	2000	2000	1999	2001	2001	2001	2001	2000	2001	2001	DEC/2001
	# OBS	12461	11380	12069	11218	11303	11485	12992	13427	12756	13313	12842	13334	148580

STATION: STDMA -- POR (7/1984 - 12/2001)

2 - HIGHEST 5-SECOND AVERAGE DURING 2 OR 8-MINUTE PERIOD PRIOR TO OBSERVATION TIME -- MONTHLY & ANNUAL BY YEAR

ELEMENT: PEAK WIND GUST (KNOTS)

YEAR	ELEMENT	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1984	MEAN	-	-	-	-	-	-	13.5	12.6	16.4	18.4	21.6	22.9	17.9
	MAXIMUM	-	-	-	-	-	-	33.0	30.1	37.1	52.1	51.1	54.0	54.0
	DAY-HR	-	-	-	-	-	-	22-15	30-21	26-00	28-09	03-16	17-01	DEC
	# OBS	-	-	-	-	-	-	365	744	713	736	715	742	4015
1985	MEAN	21.9	18.9	20.0	17.5	14.9	16.7	13.7	13.6	15.8	18.3	20.0	21.9	17.8
	MAXIMUM	49.2	44.1	58.1	49.2	38.1	39.1	31.1	35.0	47.0	48.0	48.0	56.2	58.1
	DAY-HR	14-12	14-22	04-19	06-12	31-23	09-18	24-18	13-05	24-06	05-14	20-10	02-07	MAR
	# OBS	736	665	729	704	741	717	740	739	707	735	718	742	8673
1986	MEAN	20.3	16.1	17.5	18.6	14.6	16.9	14.3	13.1	16.2	15.6	21.2	19.9	17.0
	MAXIMUM	52.1	34.0	55.0	41.0	37.1	35.0	37.1	39.1	39.1	53.1	52.1	42.0	55.0
	DAY-HR	12-15	20-16	19-09	26-07	01-16	26-22	05-23	23-11	13-00	06-02	09-06	04-01	MAR
	# OBS	723	647	738	719	743	715	741	740	696	732	716	744	8654
1987	MEAN	20.2	17.4	18.1	15.8	15.2	13.1	13.5	14.7	14.7	19.3	19.3	20.1	16.8
	MAXIMUM	39.1	60.1	42.0	41.0	38.1	32.1	35.0	41.0	35.0	55.0	43.2	47.0	60.1
	DAY-HR	23-03	08-08	03-04	30-00	14-00	03-06	17-01	22-07	30-15	02-12	05-23	15-21	FEB
	# OBS	738	671	741	514	741	720	744	743	678	741	716	744	8491
1988	MEAN	22.2	21.4	21.1	15.3	15.2	16.3	11.9	15.0	18.3	19.2	21.4	22.9	18.3
	MAXIMUM	51.1	50.2	47.0	41.0	51.1	33.0	37.1	41.0	40.0	48.0	51.1	49.2	51.1
	DAY-HR	20-13	20-08	12-11	18-02	13-06	19-08	15-15	14-16	04-15	28-17	06-06	03-17	NOV

	# OBS	727	690	741	718	741	717	723	731	715	743	717	732	8695
1989	MEAN	20.6	23.0	17.6	14.5	13.7	14.5	10.5	12.8	15.5	19.3	22.4	20.9	17.1
	MAXIMUM	48.0	44.1	46.1	38.1	46.1	36.2	30.1	31.1	50.2	46.1	51.1	54.0	54.0
	DAY-HR	27-04	08-10	15-06	17-12	25-06	08-18	10-11	29-21	22-23	21-00	20-15	02-21	DEC
	# OBS	739	670	738	716	729	704	727	735	718	743	714	736	8669
1990	MEAN	20.6	20.4	18.3	17.8	14.9	17.1	13.1	13.1	16.2	19.2	22.7	23.8	18.1
	MAXIMUM	55.0	45.1	44.1	43.2	46.1	45.1	46.1	39.1	47.0	60.1	50.0	50.9	60.1
	DAY-HR	28-03	19-10	23-02	15-12	10-20	03-18	18-05	08-09	23-00	18-16	11-15	04-04	OCT
	# OBS	743	671	733	702	738	708	736	744	645	742	707	727	8596
1991	MEAN	23.3	19.9	18.5	17.6	16.3	14.7	13.7	13.8	18.8	19.1	21.6	20.2	18.1
	MAXIMUM	47.0	46.1	49.0	40.0	42.0	38.1	39.1	34.0	50.0	43.9	50.9	52.1	52.1
	DAY-HR	22-20	22-10	02-12	14-20	01-06	26-17	24-02	31-07	23-06	05-13	30-14	01-20	DEC
	# OBS	734	669	729	716	744	718	742	739	716	743	717	744	8711
1992	MEAN	19.2	17.0	15.8	16.2	17.7	15.5	15.3	14.6	21.3	16.5	19.5	23.0	17.6
	MAXIMUM	49.0	40.0	39.1	48.0	40.4	37.9	37.9	38.5	56.8	55.8	51.3	58.5	58.5
	DAY-HR	24-02	04-11	17-08	12-05	16-20	17-19	20-08	30-08	28-16	16-20	13-07	25-19	DEC
	# OBS	738	688	741	702	738	717	742	742	714	738	712	737	8709
1993	MEAN	22.6	20.5	15.6	17.1	15.8	15.5	16.1	13.4	17.7	20.5	20.5	21.0	18.0
	MAXIMUM	49.4	41.2	43.9	44.7	36.4	37.9	36.0	30.9	47.0	62.4	55.0	53.8	62.4
	DAY-HR	28-22	07-20	16-22	16-09	12-01	15-00	05-16	27-20	30-23	21-12	20-03	29-22	OCT
	# OBS	729	670	721	717	743	717	741	742	718	742	711	742	8693
1994	MEAN	24.2	20.5	17.3	18.0	16.0	14.2	15.3	15.6	14.6	20.5	24.4	18.6	18.3
	MAXIMUM	50.0	47.8	44.9	54.2	37.1	49.4	34.0	45.9	36.9	44.5	61.8	44.5	61.8
	DAY-HR	10-16	18-21	08-00	16-07	14-14	14-21	12-14	28-13	25-17	24-01	19-00	28-09	NOV
	# OBS	743	654	743	720	739	720	730	742	715	733	714	742	8695
1995	MEAN	21.8	24.9	17.5	16.6	16.8	14.9	15.7	15.2	16.5	20.7	21.5	23.7	18.8
	MAXIMUM	57.7	50.5	39.3	49.6	35.2	32.5	35.6	36.2	49.6	52.1	42.2	62.8	62.8
	DAY-HR	05-11	10-22	21-22	04-05	23-04	17-03	31-00	25-12	07-02	15-09	23-04	05-23	DEC
	# OBS	740	669	736	715	742	712	741	739	714	741	715	738	8702
1996	MEAN	21.8	20.9	18.4	16.6	13.4	14.7	17.1	15.2	15.6	20.9	21.5	19.7	17.9
	MAXIMUM	55.6	47.6	46.5	45.3	34.0	34.4	34.8	35.4	43.4	62.2	53.5	53.3	62.2
	DAY-HR	27-17	11-09	25-18	26-12	17-16	30-19	05-14	05-16	29-15	30-16	16-01	24-11	OCT
	# OBS	712	650	740	729	739	713	833	786	716	731	691	736	8776
1997	MEAN	24.7	19.5	17.1	16.1	14.9	13.9	14.2	13.3	17.8	19.9	17.3	17.3	17.1
	MAXIMUM	51.5	40.2	42.0	54.2	42.6	39.7	46.5	28.0	42.6	48.8	42.6	41.8	54.2
	DAY-HR	16-08	23-15	15-00	07-08	09-14	25-02	02-12	15-06	30-07	10-02	27-20	12-22	APR
	# OBS	708	656	719	708	733	713	729	735	716	739	699	743	8598
1998	MEAN	17.2	14.6	17.6	14.4	15.3	14.0	12.7	12.7	15.7	19.5	19.7	22.0	16.3
	MAXIMUM	42.2	37.5	43.5	45.3	35.8	33.0	36.9	35.6	38.9	51.3	54.6	42.8	54.6
	DAY-HR	11-00	27-18	09-12	01-04	31-16	12-11	21-21	24-04	21-02	18-17	11-10	23-07	NOV
	# OBS	716	670	712	690	713	692	737	787	712	736	714	740	8619
1999	MEAN	21.2	20.0	17.3	14.2	17.9	17.7	14.6	13.4	17.0	20.6	21.3	21.1	18.1
	MAXIMUM	46.7	50.5	44.7	38.7	37.3	30.5	38.1	36.7	46.3	56.8	52.5	58.3	58.3
	DAY-HR	19-04	12-07	29-04	04-15	07-02	28-23	04-21	07-12	30-23	23-00	01-23	26-07	DEC
	# OBS	741	660	719	720	231	145	718	738	715	743	718	742	7590
2000	MEAN	21.1	18.7	17.7	15.5	15.6	15.9	13.8	13.1	18.0	17.7	19.4	21.1	17.3
	MAXIMUM	47.4	38.1	53.5	49.4	35.4	37.7	32.3	40.8	41.6	41.0	41.2	50.3	53.5
	DAY-HR	16-05	07-00	25-20	09-22	08-22	20-18	17-16	16-06	21-09	07-08	22-06	05-07	MAR
	# OBS	738	692	739	714	738	720	740	744	716	740	719	741	8741
2001	MEAN	20.0	20.4	16.7	-	-	16.0	16.1	14.8	16.6	20.7	21.7	23.5	18.8
	MAXIMUM	42.4	48.6	41.6	-	-	52.9	35.6	35.0	48.0	57.2	49.6	73.1	73.1
	DAY-HR	09-15	25-23	11-05	-	-	19-07	01-13	30-14	08-19	26-08	08-15	06-06	DEC
	# OBS	744	672	334	-	-	629	742	744	716	744	719	743	6787
POR	MEAN	21.3	19.7	17.8	16.4	15.4	15.3	14.2	13.9	16.8	19.2	21.0	21.3	17.7
	MAXIMUM	57.7	60.1	58.1	54.2	51.1	52.9	46.5	45.9	56.8	62.4	61.8	73.1	73.1
	YEAR	1995	1987	1985	1997	1988	2001	1997	1994	1992	1993	1994	2001	DEC/2001
	# OBS	12449	11364	12053	11204	11293	11477	12971	13414	12740	13302	12832	13315	148414

STATION: STDMA -- POR (7/1997 - 12/2001)

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

ELEMENT: HOURLY PEAK WIND GUST (KNOTS)

YEAR	ELEMENT	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1997	MEAN	-	-	-	-	-	-	15.2	15.0	20.2	22.9	20.2	20.1	19.3

	MAXIMUM	-	-	-	-	-	-	36.7	31.5	47.2	53.1	45.9	44.1	53.1
	DAY-HR	-	-	-	-	-	-	16-10	15-10	30-09	10-02	27-20	12-22	OCT
	MINIMUM	-	-	-	-	-	-	1.2	2.1	2.5	3.3	1.9	2.1	1.2
	DAY-HR	-	-	-	-	-	-	27-00	04-02	26-06	01-18	08-09	09-19	JUL
	# OBS	-	-	-	-	-	-	371	711	716	739	699	743	3979
1998	MEAN	20.0	16.7	20.1	16.3	17.6	16.1	14.7	14.6	18.2	22.2	23.0	25.4	18.8
	MAXIMUM	48.8	39.7	48.6	48.0	37.7	33.6	40.0	41.2	50.0	57.3	59.7	50.3	59.7
	DAY-HR	13-12	27-19	09-13	01-04	15-03	12-11	21-22	24-05	30-22	18-17	10-18	23-09	NOV
	MINIMUM	2.3	1.9	1.9	0.8	2.3	1.6	0.8	2.3	2.5	0.4	3.3	3.9	0.4
	DAY-HR	02-10	25-12	07-22	21-03	11-16	08-18	05-03	12-05	09-21	10-19	08-10	02-19	OCT
	# OBS	716	670	712	690	713	692	737	787	712	736	742	740	8647
1999	MEAN	24.0	22.8	19.8	16.2	20.2	20.6	17.3	15.3	19.5	23.8	24.2	24.2	20.7
	MAXIMUM	47.4	52.9	49.4	40.2	38.7	34.2	53.5	38.9	47.2	60.1	58.5	62.2	62.2
	DAY-HR	19-05	12-08	29-05	06-23	07-02	26-18	04-22	08-01	30-23	22-22	01-23	26-06	DEC
	MINIMUM	2.9	3.3	1.9	1.4	2.1	7.0	1.6	0.8	0.8	0.8	3.1	2.1	0.8
	DAY-HR	18-16	10-10	12-18	20-18	01-00	27-23	19-16	20-04	12-01	11-23	20-21	13-19	OCT
	# OBS	765	660	719	719	231	120	718	737	715	743	718	742	7587
2000	MEAN	24.1	21.5	20.4	17.8	18.0	18.4	15.9	15.1	20.6	20.2	22.4	24.7	19.9
	MAXIMUM	51.1	43.4	56.0	50.0	39.5	42.8	39.9	44.3	45.7	44.3	44.7	54.6	56.0
	DAY-HR	16-06	07-03	25-20	09-21	08-23	20-19	02-03	16-06	21-10	07-10	22-09	05-06	MAR
	MINIMUM	2.1	1.4	2.7	1.6	3.1	2.7	0.0	0.8	2.5	2.9	1.0	4.5	0.0
	DAY-HR	30-02	16-00	11-02	25-20	20-16	19-17	23-04	18-06	05-07	05-14	04-23	07-16	JUL
	# OBS	738	692	739	714	738	720	739	728	716	737	719	738	8718
2001	MEAN	22.9	23.7	-	-	-	-	18.7	17.0	18.9	23.9	24.2	26.8	22.0
	MAXIMUM	47.6	48.6	-	-	-	-	42.8	61.4	62.2	60.7	50.9	77.8	77.8
	DAY-HR	05-16	25-23	-	-	-	-	05-00	01-15	08-19	26-10	08-15	06-07	DEC
	MINIMUM	3.9	0.0	-	-	-	-	2.7	1.4	1.7	3.7	5.1	2.9	0.0
	DAY-HR	15-18	25-15	-	-	-	-	14-13	22-22	22-01	28-00	05-05	21-21	FEB
	# OBS	744	671	-	-	-	-	742	743	713	744	718	743	5818
POR	MEAN	22.8	21.2	20.1	16.8	18.2	17.6	16.5	15.4	19.5	22.6	22.8	24.2	20.1
	MAXIMUM	51.1	52.9	56.0	50.0	39.5	42.8	53.5	61.4	62.2	60.7	59.7	77.8	77.8
	YEAR	2000	1999	2000	2000	2000	2000	1999	2001	2001	2001	1998	2001	DEC/2001
	MINIMUM	2.1	0.0	1.9	0.8	2.1	1.6	0.0	0.8	0.8	0.4	1.0	2.1	0.0
	YEAR	2000	2001	1999	1998	1999	1998	2000	2000	1999	1998	2000	1999	FEB/2001
	# OBS	2963	2693	2170	2123	1682	1532	3307	3706	3572	3699	3596	3706	34749

STATION: STDMA4

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

Month: JAN

		WIND DIRECTION													TOT %	TOT N
WIND SPEED	CALM	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34			
0	0.2	-	*	-	-	-	-	-	*	*	-	*	-	0.3	34	
1 - 3		0.1	0.2	0.1	0.2	0.1	0.1	0.1	0.1	0.2	0.1	0.2	0.1	1.6	203	
4 - 6		0.5	0.4	0.3	0.2	0.2	0.3	0.2	0.2	0.3	0.4	0.4	0.5	3.9	491	
7 - 10		1.1	0.7	0.7	0.4	0.6	0.5	0.9	0.9	0.9	1.1	1.3	1.5	10.6	1322	
11 - 15		2.1	1.4	1.3	0.9	0.9	1.2	1.2	1.8	1.7	2.4	3.0	3.3	21.2	2643	
16 - 20		2.4	1.2	1.4	0.8	0.8	1.2	1.7	1.8	2.2	2.8	3.9	3.8	24.0	2992	
21 - 24		1.6	0.5	0.5	0.5	0.4	0.7	1.1	1.0	1.7	2.2	2.7	2.3	15.2	1893	
25 - 33		2.1	0.7	0.6	0.2	0.3	1.1	1.2	0.8	1.7	3.4	4.0	3.3	19.4	2415	
34 - 47		0.6	0.3	0.1	-	-	0.1	0.3	0.1	0.4	0.6	0.7	0.7	3.7	464	
> 48		*	-	-	-	-	-	-	-	*	-	*	-	0.0	4	
TOTAL %	0.2	10.5	5.5	5.1	3.2	3.4	5.2	6.6	6.7	9.2	12.9	16.2	15.3	100.0		
TOTAL N	28	1306	682	631	397	420	653	823	838	1146	1612	2021	1904	12461		

(* < 0.05%)

STATION: STDMA4

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

Month: FEB

		WIND DIRECTION													TOT %	TOT N
WIND SPEED	CALM	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34			
0	0.6	*	*	-	*	*	*	*	0.1	-	-	*	*	0.7	80	
1 - 3		0.3	0.3	0.2	0.3	0.3	0.2	0.4	0.2	0.3	0.2	0.2	0.2	3.1	355	
4 - 6		0.4	0.4	0.4	0.3	0.4	0.5	0.5	0.4	0.7	0.6	0.6	0.6	5.9	669	
7 - 10		1.2	1.0	0.9	0.6	0.7	0.9	1.4	1.0	1.0	1.3	1.1	1.1	12.2	1394	
11 - 15		1.7	1.4	1.0	1.1	1.2	1.5	2.2	1.6	1.7	2.4	2.8	2.5	21.1	2400	
16 - 20		1.8	1.4	1.2	0.8	0.8	1.8	2.6	1.4	2.0	3.0	3.3	3.2	23.4	2660	
21 - 24		1.3	0.7	0.5	0.3	0.4	1.1	1.6	0.8	1.1	2.7	2.3	2.7	15.5	1769	
25 - 33		2.0	0.8	0.5	0.4	0.3	0.8	1.2	0.5	1.0	2.5	2.5	3.2	15.7	1790	
34 - 47		0.3	0.1	*	*	-	*	0.1	*	0.1	0.3	0.3	0.8	2.2	256	
> 48		-	0.1	-	-	-	-	-	-	-	-	-	-	0.1	7	
TOTAL %	0.6	9.1	6.4	4.9	3.8	4.0	7.0	9.7	6.1	7.8	13.0	13.1	14.4	100.0		
TOTAL N	64	1038	727	558	434	459	796	1106	691	891	1482	1496	1638	11380		

(* < 0.05%)

STATION: STDMA

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	0.5	*	-	-	*	*	*	*	*	*	*	*	*	-	*	0.6	75
1 - 3		0.2	0.4	0.4	0.3	0.4	0.4	0.3	0.4	0.3	0.3	0.3	0.2	0.3	3.8	459	
4 - 6		0.8	0.8	0.8	0.7	0.6	0.6	0.7	0.5	0.5	0.4	0.6	1.0	8.2	984		
7 - 10		1.3	1.3	1.2	1.1	1.3	1.5	1.3	1.0	1.1	1.2	1.0	1.7	15.0	1812		
11 - 15		2.5	1.7	1.5	1.7	2.2	2.0	2.0	1.5	1.3	2.2	2.5	2.8	23.8	2874		
16 - 20		2.8	1.3	1.1	1.5	2.1	2.0	2.5	1.0	1.0	2.5	1.8	2.6	22.3	2687		
21 - 24		1.7	0.8	0.5	0.7	0.7	1.5	1.7	0.4	0.6	1.2	0.9	1.7	12.3	1487		
25 - 33		2.0	1.0	0.5	1.0	0.2	1.0	1.1	0.2	0.4	1.2	1.3	2.0	11.8	1430		
34 - 47		0.4	0.2	0.1	0.2	0.1	*	*	*	*	0.1	0.2	0.7	2.1	254		
> 48		-	*	-	*	*	-	-	-	-	-	-	-	0.1	7		
TOTAL %	0.5	11.7	7.5	6.0	7.2	7.8	8.9	9.6	5.1	5.1	9.1	8.6	12.8	100.0			
TOTAL N	63	1416	907	730	872	938	1070	1164	616	617	1094	1040	1542		12069		

(* < 0.05%)

STATION: STDMA

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	0.8	*	-	*	-	-	-	-	*	*	*	*	*	-	-	0.9	104
1 - 3		0.2	0.3	0.3	0.4	0.4	0.2	0.4	0.3	0.3	0.3	0.3	0.3	3.8	427		
4 - 6		0.9	0.8	0.6	0.7	0.7	0.6	0.8	0.6	0.7	0.7	0.8	0.8	8.6	960		
7 - 10		1.9	1.5	1.4	1.4	1.4	1.4	1.5	1.2	1.0	1.2	1.4	2.0	17.4	1957		
11 - 15		3.1	2.5	2.1	2.3	2.0	2.0	1.9	1.2	1.2	1.5	2.3	2.9	24.9	2797		
16 - 20		2.5	1.9	1.7	2.0	1.8	2.1	1.7	0.9	0.9	1.2	1.8	2.5	21.0	2359		
21 - 24		1.5	0.9	0.9	1.1	1.1	1.5	1.3	0.4	0.3	0.9	1.1	1.3	12.3	1384		
25 - 33		1.4	0.5	0.8	0.7	0.4	1.2	1.6	0.2	0.2	0.5	0.8	1.4	9.8	1095		
34 - 47		0.2	0.1	0.1	0.1	*	*	*	-	0.2	0.1	0.2	0.2	1.2	135		
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0		
TOTAL %	0.8	11.8	8.4	7.9	8.7	7.8	9.1	9.3	4.8	4.8	6.5	8.8	11.3	100.0			
TOTAL N	95	1320	937	891	972	879	1022	1039	539	541	725	988	1270		11218		

(* < 0.05%)

STATION: STDMA

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	0.9	*	-	-	-	-	-	*	*	*	-	*	-	1.0	115
1 - 3		0.4	0.4	0.4	0.5	0.4	0.5	0.3	0.5	0.4	0.5	0.4	0.3	5.1	575
4 - 6		0.9	0.8	1.1	0.8	0.8	0.8	0.9	0.8	0.8	0.8	0.9	0.7	10.1	1143
7 - 10		1.4	1.6	1.7	1.8	1.1	1.4	1.3	1.1	1.0	1.4	1.5	1.8	17.1	1934
11 - 15		1.9	2.0	2.1	2.2	2.0	1.9	2.4	1.2	1.2	1.9	2.1	2.8	23.7	2679
16 - 20		1.6	1.2	1.0	1.8	2.5	2.6	2.8	1.1	1.1	1.8	1.9	2.1	21.7	2454
21 - 24		0.7	0.4	0.4	0.7	1.4	1.9	1.8	0.5	0.8	1.6	1.0	0.9	12.1	1365
25 - 33		0.4	0.2	0.1	0.3	0.8	1.8	2.0	0.2	0.7	1.1	0.5	0.6	8.7	984
34 - 47		0.1	0.1	-	-	*	*	0.1	*	*	0.1	0.1	0.1	0.5	54
> 48		-	-	-	-	-	-	-	*	-	-	-	-	0.0	1
TOTAL %	0.9	7.4	6.7	6.8	8.1	9.1	11.1	11.6	5.3	6.0	9.2	8.4	9.4	100.0	
TOTAL N	105	832	762	764	916	1033	1250	1306	600	683	1038	954	1061		11304

(* < 0.05%)

STATION: STDMA

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	0.7	-	*	-	*	-	-	-	*	*	-	-	*	0.8	90
1 - 3		0.3	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.3	4.7	545
4 - 6		0.8	0.7	0.6	0.8	0.9	1.1	0.8	0.9	0.7	0.9	0.7	0.6	9.5	1088
7 - 10		1.5	1.4	1.0	1.4	1.5	1.7	1.9	1.3	1.4	1.4	1.5	1.5	17.6	2020
11 - 15		2.0	1.6	1.1	1.6	2.0	2.3	2.3	1.8	2.0	2.0	2.5	2.2	23.4	2686
16 - 20		1.4	1.2	1.1	1.7	2.1	2.4	2.6	1.6	1.7	3.0	2.3	2.3	23.5	2697
21 - 24		0.7	0.3	0.5	0.9	1.3	1.6	2.1	0.9	0.7	1.5	0.8	1.0	12.2	1406
25 - 33		0.1	0.1	0.1	0.3	0.7	1.6	2.2	0.3	0.7	1.2	0.3	0.4	7.9	909
34 - 47		-	*	-	*	*	0.2	*	*	*	*	*	*	0.4	44

> 48	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.7	6.8	5.8	4.9	7.1	8.9	11.3	12.4	7.3	7.5	10.4	8.4	8.3	100.0		
TOTAL N	82	776	670	566	812	1025	1301	1423	838	867	1200	969	956		11485	

(* < 0.05%)

STATION: STDMA4

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

Month: JUL

WIND SPEED	CALM	WIND DIRECTION												TOT %	TOT N
		35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
0	0.9	*	-	-	-	-	-	-	*	*	*	*	*	1.0	128
1 - 3		0.4	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.4	0.5	0.4	5.2	676
4 - 6		0.9	0.8	0.7	0.7	0.8	1.1	1.1	1.0	0.9	0.8	1.0	0.8	10.6	1371
7 - 10		1.4	1.2	1.0	1.1	1.2	1.9	2.6	2.1	1.7	1.7	1.7	2.0	19.5	2531
11 - 15		2.1	1.1	0.7	1.2	2.1	2.7	3.4	2.3	2.5	3.0	2.6	2.8	26.5	3438
16 - 20		1.4	0.5	0.4	0.9	1.9	2.4	2.9	1.7	2.0	3.3	1.9	2.1	21.6	2809
21 - 24		0.2	0.1	*	0.5	0.9	1.3	1.7	0.8	1.3	2.0	0.9	0.5	10.2	1330
25 - 33		0.1	*	*	0.2	0.3	0.8	1.1	0.5	0.9	0.6	0.6	0.2	5.4	698
34 - 47		-	-	-	*	-	*	*	*	*	*	*	-	0.1	11
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.9	6.5	4.1	3.3	5.0	7.5	10.7	13.2	8.8	9.9	11.9	9.2	8.9	100.0	
TOTAL N	113	845	536	432	648	980	1388	1711	1149	1291	1547	1200	1152		12992

(* < 0.05%)

STATION: STDMA4

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	0.7	*	-	*	*	*	*	*	*	*	-	-	-	0.8	108
1 - 3		0.5	0.5	0.5	0.4	0.4	0.4	0.6	0.5	0.3	0.4	0.4	0.5	5.3	709
4 - 6		1.0	1.0	0.9	0.9	1.1	1.0	1.3	1.1	0.8	0.9	0.8	1.0	11.8	1586
7 - 10		1.8	1.4	1.1	1.4	1.5	2.2	2.3	1.9	1.7	1.7	1.6	1.9	20.5	2748
11 - 15		1.7	1.4	0.8	1.3	1.8	3.0	3.7	2.7	2.6	3.2	2.6	2.8	27.8	3727
16 - 20		1.4	0.5	0.3	0.4	1.1	2.5	3.9	2.4	1.9	2.6	2.2	2.2	21.5	2885
21 - 24		0.5	0.1	0.1	0.1	0.2	1.2	2.1	0.5	0.8	0.9	0.8	0.7	8.1	1085
25 - 33		0.3	0.2	*	0.2	0.1	0.6	0.7	0.1	0.3	0.6	0.6	0.4	4.1	556
34 - 47		*	-	-	-	-	*	-	-	-	0.1	0.1	*	0.2	23
> 48		*	-	-	-	-	-	-	-	-	-	-	-	0.0	1
TOTAL %	0.7	7.1	5.1	3.7	4.9	6.3	11.0	14.6	9.2	8.5	10.4	9.0	9.5	100.0	
TOTAL N	96	959	687	495	655	842	1474	1956	1242	1143	1394	1212	1273		13428

(* < 0.05%)

STATION: STDMA4

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	0.7	-	*	-	-	*	-	*	*	-	*	*	*	0.8	96
1 - 3		0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.3	0.3	0.4	3.6	457
4 - 6		0.7	0.8	0.6	0.7	0.7	0.6	0.7	0.5	0.5	0.7	0.5	0.7	7.8	991
7 - 10		1.8	1.3	0.8	0.8	1.2	1.3	1.6	1.3	1.4	1.3	1.0	1.6	15.5	1982
11 - 15		2.3	1.6	1.0	1.1	1.5	2.3	2.9	2.5	2.3	2.6	1.8	2.9	24.8	3166
16 - 20		2.0	1.0	0.8	0.6	1.4	2.9	4.0	2.5	1.9	2.6	1.9	2.5	24.0	3062
21 - 24		0.9	0.4	0.3	0.3	0.5	1.8	2.5	1.0	0.8	1.6	0.9	1.3	12.5	1593
25 - 33		1.0	0.7	0.1	0.2	0.3	1.3	1.4	0.4	0.7	1.1	1.2	1.1	9.6	1224
34 - 47		0.2	0.1	-	*	*	-	0.1	*	0.1	0.4	0.3	0.3	1.4	183
> 48		-	-	-	-	*	-	-	-	*	-	*	-	0.0	4
TOTAL %	0.7	9.3	6.2	3.8	4.0	6.1	10.4	13.6	8.4	8.0	10.6	8.0	10.9	100.0	
TOTAL N	89	1187	792	489	513	772	1327	1730	1067	1023	1357	1026	1386		12758

(* < 0.05%)

STATION: STDMA4

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	0.4	-	-	-	*	-	-	-	-	-	*	-	-	0.5	62
1 - 3		0.2	0.2	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	2.6	347
4 - 6		0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.4	0.4	0.3	0.4	0.4	5.6	747
7 - 10		1.4	1.0	0.9	0.7	0.8	1.3	1.4	1.3	1.1	1.0	0.8	1.2	12.9	1711
11 - 15		1.8	1.3	1.1	1.1	1.4	2.4	2.7	2.2	1.8	2.2	1.7	1.9	21.6	2878

16 - 20	1.8	1.2	0.8	0.9	1.7	2.9	3.8	2.0	1.6	2.7	2.3	2.6	24.2	3223
21 - 24	1.1	0.6	0.5	0.2	0.8	1.9	2.7	0.9	0.9	2.0	1.6	1.8	14.8	1966
25 - 33	1.5	0.7	0.4	0.1	0.6	1.7	1.8	0.6	0.8	2.1	1.7	1.9	14.2	1892
34 - 47	0.4	0.3	0.1	*	0.1	0.1	*	0.1	0.3	0.7	0.6	0.8	3.5	460
> 48	*	*	-	-	-	-	-	-	-	0.1	0.1	*	0.2	27
TOTAL %	0.4	8.8	5.9	4.6	3.8	6.1	11.0	13.2	7.6	7.0	11.2	9.4	10.9	100.0
TOTAL N	59	1174	784	606	504	815	1469	1763	1008	930	1497	1249	1455	13313

(* < 0.05%)

STATION: STDMA4

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	0.3	*	*	-	-	-	*	*	*	*	-	-	*	0.4	49
1 - 3		0.2	0.2	0.2	0.3	0.2	0.1	0.2	0.1	0.1	0.2	0.1	0.1	1.9	246
4 - 6		0.4	0.6	0.5	0.2	0.3	0.2	0.4	0.3	0.3	0.3	0.4	0.3	4.2	536
7 - 10		1.2	1.0	0.8	0.5	0.5	0.6	0.9	1.2	0.9	0.9	0.9	1.0	10.4	1341
11 - 15		2.4	1.8	0.9	0.7	0.9	1.1	2.1	2.5	2.0	1.6	1.9	2.6	20.8	2666
16 - 20		2.7	1.6	0.6	0.8	1.0	1.9	3.1	1.7	1.8	2.4	3.1	3.8	24.5	3152
21 - 24		1.5	0.6	0.3	0.6	0.7	1.4	2.6	0.9	1.1	1.5	2.1	2.3	15.7	2010
25 - 33		1.3	1.0	0.5	0.5	0.7	1.4	2.0	0.5	1.1	2.4	3.1	2.5	16.9	2173
34 - 47		0.3	0.4	0.2	0.3	0.1	0.2	0.3	0.2	0.3	1.1	1.3	0.5	5.1	655
> 48		-	-	-	*	-	-	-	-	-	0.1	-	-	0.1	14
TOTAL %	0.3	10.0	7.1	3.9	3.9	4.5	7.1	11.4	7.5	7.6	10.6	13.0	13.1	100.0	
TOTAL N	42	1288	918	501	502	578	908	1467	965	971	1358	1665	1679	12842	

(* < 0.05%)

STATION: STDMA4

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	0.4	-	*	*	*	*	-	-	*	*	-	-	-	0.4	60
1 - 3		0.2	0.1	0.1	0.2	0.1	0.2	0.2	0.2	0.2	0.3	0.2	0.1	2.1	281
4 - 6		0.5	0.4	0.3	0.3	0.4	0.3	0.3	0.5	0.4	0.6	0.3	0.5	4.7	627
7 - 10		0.9	0.8	0.7	0.4	0.4	0.5	1.0	1.0	0.9	0.8	1.1	1.2	9.8	1304
11 - 15		2.0	1.3	0.7	0.7	0.9	0.9	2.2	2.1	2.0	1.9	2.5	2.5	19.7	2626
16 - 20		2.8	1.2	0.5	0.3	0.7	1.5	2.2	1.9	2.2	2.9	3.7	3.7	23.7	3159
21 - 24		1.5	0.8	0.3	0.1	0.4	0.9	1.7	0.8	1.5	2.5	3.1	2.7	16.4	2185
25 - 33		1.4	0.3	0.2	0.1	0.4	1.1	2.0	0.8	1.5	3.5	4.5	3.1	18.8	2513
34 - 47		0.4	0.4	0.1	-	0.1	0.2	0.2	0.1	0.3	0.8	1.0	0.6	4.1	550
> 48		*	*	-	-	-	-	-	-	0.1	0.1	*	*	0.2	29
TOTAL %	0.4	9.7	5.4	2.8	2.1	3.3	5.7	10.0	7.2	9.2	13.4	16.5	14.3	100.0	
TOTAL N	47	1290	721	372	283	438	766	1330	966	1221	1791	2196	1913	13334	

(* < 0.05%)

STATION: STDMA4

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	0.6	*	*	*	*	*	*	*	*	*	*	*	*	0.7	1001
1 - 3		0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	3.6	5280
4 - 6		0.7	0.7	0.6	0.6	0.6	0.6	0.7	0.6	0.6	0.6	0.6	0.7	7.5	11193
7 - 10		1.4	1.2	1.0	1.0	1.0	1.3	1.5	1.3	1.2	1.2	1.2	1.5	14.8	22056
11 - 15		2.1	1.6	1.2	1.3	1.6	2.0	2.4	2.0	1.9	2.3	2.4	2.7	23.3	34580
16 - 20		2.0	1.2	0.9	1.0	1.5	2.2	2.8	1.7	1.7	2.6	2.5	2.8	23.0	34139
21 - 24		1.1	0.5	0.4	0.5	0.7	1.4	1.9	0.7	1.0	1.7	1.5	1.6	13.1	19473
25 - 33		1.1	0.5	0.3	0.3	0.4	1.2	1.5	0.4	0.8	1.7	1.8	1.7	11.9	17679
34 - 47		0.2	0.2	0.1	0.1	*	0.1	0.1	*	0.1	0.4	0.4	0.4	2.1	3089
> 48		*	*	-	*	*	-	-	*	*	*	*	*	0.1	94
TOTAL %	0.6	9.0	6.1	4.7	5.1	6.2	9.0	11.3	7.1	7.6	10.8	10.8	11.6	100.0	
TOTAL N	883	13431	9123	7035	7508	9179	13424	16818	10519	11324	16095	16016	17229	148584	

(* < 0.05%)

STATION: STDMA4

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	0.4	*	*	*	*	*	*	*	*	*	-	*	*	0.5	174

1 - 3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	2.3	839
4 - 6	0.5	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.5	0.5	0.4	0.5	4.8	1787
7 - 10	1.1	0.9	0.8	0.5	0.5	0.7	1.1	1.0	0.9	1.0	1.2	1.3	1.3	10.8	4020
11 - 15	1.9	1.4	1.0	0.9	1.0	1.2	1.8	1.8	1.8	2.2	2.8	2.8	2.8	20.6	7669
16 - 20	2.4	1.3	1.0	0.6	0.8	1.5	2.1	1.7	2.2	2.9	3.7	3.6	3.6	23.7	8811
21 - 24	1.5	0.7	0.4	0.3	0.4	0.9	1.5	0.9	1.4	2.5	2.7	2.6	2.6	15.7	5847
25 - 33	1.8	0.6	0.4	0.2	0.3	1.0	1.5	0.7	1.4	3.2	3.7	3.2	3.2	18.1	6718
34 - 47	0.4	0.3	0.1	*	*	0.1	0.2	0.1	0.3	0.6	0.7	0.7	0.7	3.4	1270
> 48	*	*	-	-	-	-	-	-	-	*	*	*	*	0.1	40
TOTAL %	0.4	9.8	5.7	4.2	3.0	3.5	6.0	8.8	6.7	8.8	13.1	15.4	14.7	100.0	
TOTAL N	139	3634	2130	1561	1114	1317	2215	3259	2495	3258	4885	5713	5455		37175

(* < 0.05%)

STATION: STDMA

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

Months: MAR, APR, MAY (Spring)

WIND SPEED	CALM	WIND DIRECTION												TOT %	TOT N
		35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
0	0.8	*	-	*	*	*	*	*	*	*	*	*	*	0.8	294
1 - 3		0.3	0.4	0.3	0.4	0.4	0.4	0.3	0.4	0.3	0.4	0.3	0.3	4.2	1461
4 - 6		0.8	0.8	0.8	0.7	0.7	0.7	0.8	0.6	0.7	0.6	0.8	0.8	8.9	3087
7 - 10		1.5	1.5	1.4	1.4	1.3	1.4	1.4	1.1	1.0	1.3	1.3	1.8	16.5	5703
11 - 15		2.5	2.1	1.9	2.1	2.1	2.0	2.1	1.3	1.2	1.9	2.3	2.8	24.1	8350
16 - 20		2.3	1.5	1.3	1.8	2.1	2.2	2.4	1.0	1.0	1.8	1.9	2.4	21.7	7500
21 - 24		1.3	0.7	0.6	0.8	1.1	1.6	1.6	0.4	0.6	1.2	1.0	1.3	12.2	4236
25 - 33		1.3	0.6	0.5	0.7	0.5	1.3	1.5	0.2	0.4	1.0	0.9	1.3	10.1	3509
34 - 47		0.2	0.1	0.1	0.1	0.1	*	*	*	0.1	0.1	0.2	0.3	1.3	443
> 48		-	*	-	*	*	-	-	*	-	-	-	-	0.0	8
TOTAL %	0.8	10.3	7.5	6.9	8.0	8.2	9.7	10.1	5.1	5.3	8.3	8.6	11.2	100.0	
TOTAL N	263	3568	2606	2385	2760	2850	3342	3509	1755	1841	2857	2982	3873		34591

(* < 0.05%)

STATION: STDMA

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	0.8	*	*	*	*	*	*	*	*	*	*	*	*	0.9	326
1 - 3		0.4	0.4	0.4	0.4	0.4	0.4	0.5	0.5	0.4	0.4	0.4	0.4	5.1	1930
4 - 6		0.9	0.8	0.7	0.8	0.9	1.1	1.1	1.0	0.8	0.9	0.8	0.8	10.7	4045
7 - 10		1.6	1.3	1.0	1.3	1.4	1.9	2.3	1.8	1.6	1.6	1.6	1.8	19.3	7299
11 - 15		1.9	1.4	0.9	1.4	2.0	2.7	3.2	2.3	2.4	2.8	2.6	2.6	26.0	9851
16 - 20		1.4	0.7	0.6	1.0	1.7	2.5	3.1	1.9	1.9	3.0	2.1	2.2	22.1	8391
21 - 24		0.4	0.2	0.2	0.5	0.8	1.4	1.9	0.7	0.9	1.5	0.9	0.7	10.1	3821
25 - 33		0.2	0.1	0.1	0.2	0.4	1.0	1.3	0.3	0.6	0.8	0.5	0.3	5.7	2163
34 - 47		*	*	-	*	*	0.1	*	*	*	*	*	*	0.2	78
> 48		*	-	-	-	-	-	-	-	-	-	-	-	0.0	1
TOTAL %	0.8	6.8	5.0	3.9	5.6	7.5	11.0	13.4	8.5	8.7	10.9	8.9	8.9	100.0	
TOTAL N	291	2580	1893	1493	2115	2847	4163	5090	3229	3301	4141	3381	3381		37905

(* < 0.05%)

STATION: STDMA

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	0.5	*	*	-	*	*	*	*	*	*	*	*	*	0.5	207
1 - 3		0.2	0.2	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	2.7	1050
4 - 6		0.6	0.7	0.5	0.5	0.5	0.4	0.5	0.4	0.4	0.5	0.4	0.5	5.8	2274
7 - 10		1.5	1.1	0.8	0.7	0.8	1.1	1.3	1.3	1.1	1.0	0.9	1.3	12.9	5034
11 - 15		2.2	1.6	1.0	0.9	1.3	2.0	2.6	2.4	2.0	2.1	1.8	2.5	22.4	8710
16 - 20		2.1	1.3	0.7	0.8	1.4	2.5	3.6	2.1	1.8	2.6	2.5	2.9	24.3	9437
21 - 24		1.2	0.5	0.3	0.4	0.7	1.7	2.6	0.9	0.9	1.7	1.5	1.8	14.3	5569
25 - 33		1.3	0.8	0.4	0.3	0.6	1.5	1.7	0.5	0.9	1.9	2.0	1.9	13.6	5289
34 - 47		0.3	0.3	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.8	0.7	0.5	3.3	1298
> 48		*	*	-	*	*	-	-	-	*	0.1	*	*	0.1	45
TOTAL %	0.5	9.4	6.4	4.1	3.9	5.6	9.5	12.7	7.8	7.5	10.8	10.1	11.6	100.0	
TOTAL N	190	3649	2494	1596	1519	2165	3704	4960	3040	2924	4212	3940	4520		38913

(* < 0.05%)