

ELEMENT: AVERAGE WIND SPEED (KNOTS) -- POR: (11/1989 - 9/1997) (62435 RECORDS, 97.3% HAVE ELEMENT)

Table with columns for months (JAN to ANN) and sub-columns for frequency (F) and cumulative percent frequency (CPF). Rows include data for various wind speeds (51 to 0) and summary statistics (MEAN, S.D., TOTAL, MAX, DATE, MIN).

STATION: 91251

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: (11/1989 - 9/1997) (60290 RECORDS, 94.0% HAVE ELEMENT)

Table with columns for months (JAN to ANN) and sub-columns for frequency (F) and cumulative percent frequency (CPF). Rows include data for various wind gust speeds (62 to 58).

ELEMENT: AIR TEMPERATURE (DEGREES C)

YEAR	ELEMENT	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1989	MEAN	-	-	-	-	-	-	-	-	-	-	27.9	27.8	27.8
	MAXIMUM	-	-	-	-	-	-	-	-	-	-	30.0	28.9	30.0
	DAY-HR	-	-	-	-	-	-	-	-	-	-	24-02	04-03	NOV
	MINIMUM	-	-	-	-	-	-	-	-	-	-	24.3	23.7	23.7
	DAY-HR	-	-	-	-	-	-	-	-	-	-	12-08	22-10	DEC
	# OBS	-	-	-	-	-	-	-	-	-	-	503	737	1240
1990	MEAN	27.2	26.7	27.0	27.4	27.7	27.8	27.8	28.2	27.9	28.0	27.6	27.4	27.6
	MAXIMUM	28.5	28.7	28.1	29.7	28.7	29.8	30.3	30.7	30.3	30.7	28.9	28.4	30.7
	DAY-HR	06-02	23-02	28-04	13-01	14-01	04-04	12-02	24-03	03-03	08-03	05-01	12-05	OCT
	MINIMUM	24.3	24.1	24.7	25.4	24.4	24.1	23.7	24.6	23.7	24.5	23.2	24.3	23.2
	DAY-HR	20-19	04-04	22-02	11-18	08-11	29-12	13-21	31-19	11-18	14-08	08-10	16-13	NOV
	# OBS	743	669	739	708	731	703	729	731	715	737	720	743	8668
1991	MEAN	26.9	26.7	26.9	27.2	27.5	27.7	28.0	28.0	28.0	27.6	27.5	27.1	27.4
	MAXIMUM	27.9	27.7	27.9	28.1	28.5	29.1	29.9	30.4	30.9	29.5	28.8	28.6	30.9
	DAY-HR	20-06	04-02	28-03	20-02	30-03	30-02	31-02	02-04	09-04	17-01	07-04	02-02	SEP
	MINIMUM	24.4	24.0	23.7	24.0	24.7	24.4	24.2	24.0	24.0	23.6	23.3	24.5	23.3
	DAY-HR	27-14	28-02	22-12	09-22	08-19	09-00	09-04	08-20	06-19	10-11	08-06	15-04	NOV
	# OBS	742	671	739	703	706	712	726	722	708	742	531	742	8444
1992	MEAN	26.5	25.9	25.9	26.3	26.7	27.2	27.7	27.9	28.0	28.1	27.3	26.7	27.0
	MAXIMUM	27.6	27.0	26.8	27.3	27.5	28.0	28.8	29.7	30.0	30.0	29.5	27.8	30.0
	DAY-HR	10-00	10-03	31-03	30-06	04-01	30-01	27-06	11-03	29-02	03-02	03-04	15-00	OCT
	MINIMUM	24.0	23.4	23.0	23.9	24.5	24.3	24.6	23.8	23.8	24.0	23.5	23.2	23.0
	DAY-HR	31-21	09-20	18-18	25-07	31-15	05-20	31-14	29-21	02-23	20-23	24-14	28-13	MAR
	# OBS	739	678	734	701	730	711	729	714	698	719	703	733	8589
1993	MEAN	25.9	25.9	26.3	26.7	27.0	27.7	27.8	27.8	28.0	28.1	28.0	27.5	27.2
	MAXIMUM	26.8	26.8	27.2	27.4	28.0	28.4	28.7	29.9	29.7	30.6	29.3	28.7	30.6
	DAY-HR	07-03	16-00	22-05	23-02	31-04	10-02	31-23	10-20	20-02	23-23	09-03	05-02	OCT
	MINIMUM	23.0	24.2	24.3	23.9	24.0	25.0	24.4	24.3	24.3	24.4	23.9	24.3	23.0
	DAY-HR	07-22	13-02	30-19	05-13	17-01	15-23	18-16	27-05	01-14	20-14	21-05	22-17	JAN
	# OBS	727	633	689	694	717	707	725	651	636	728	709	547	8163
1994	MEAN	26.9	26.7	27.1	27.2	27.6	27.9	27.9	28.3	28.0	28.0	27.8	27.7	27.5
	MAXIMUM	28.0	27.4	27.8	28.2	28.3	28.7	29.1	30.1	30.1	29.4	29.4	28.8	30.1
	DAY-HR	02-00	01-04	23-03	28-02	31-05	27-02	14-04	19-05	07-05	07-04	21-02	01-03	SEP
	MINIMUM	24.1	25.1	25.0	23.8	24.9	25.2	25.4	25.5	24.3	24.8	25.3	25.3	23.8
	DAY-HR	24-17	08-06	10-11	20-01	26-01	19-07	14-13	24-17	26-15	15-19	02-16	28-03	APR
	# OBS	561	484	676	713	735	715	669	240	210	301	329	393	6026
1995	MEAN	27.0	26.7	-	27.2	27.4	27.9	28.0	28.2	28.5	28.0	28.1	28.0	27.8
	MAXIMUM	28.1	27.5	-	28.0	28.6	28.9	29.1	29.9	30.4	29.3	29.1	28.8	30.4
	DAY-HR	06-00	04-02	-	25-01	15-00	20-03	29-04	11-05	25-05	22-06	20-01	02-03	SEP
	MINIMUM	25.3	24.5	-	24.7	24.5	24.3	24.8	24.1	24.7	24.5	23.8	25.9	23.8
	DAY-HR	31-17	13-12	-	27-20	26-16	02-03	19-06	16-20	09-20	04-02	05-20	25-18	NOV
	# OBS	463	642	-	703	738	714	724	734	692	728	709	731	7578
1996	MEAN	27.4	27.2	27.2	27.7	28.0	28.0	28.2	28.5	28.5	28.7	28.4	28.1	28.0
	MAXIMUM	28.3	28.0	28.2	28.5	28.7	29.0	29.3	30.2	32.9	33.0	32.2	31.2	33.0
	DAY-HR	08-02	13-06	23-00	21-05	26-03	25-02	03-03	29-03	15-03	20-04	05-04	31-03	OCT
	MINIMUM	24.7	23.9	24.3	24.3	25.2	24.2	24.9	25.4	23.8	23.6	23.2	23.9	23.2
	DAY-HR	28-18	15-08	07-09	07-22	30-10	09-10	06-20	02-13	22-21	22-14	02-22	09-09	NOV
	# OBS	712	685	741	729	738	700	821	770	706	721	679	732	8734
1997	MEAN	27.7	27.7	27.8	27.9	28.1	28.4	28.9	28.1	29.0	-	-	-	28.1
	MAXIMUM	31.8	30.7	32.1	30.7	31.9	32.7	32.3	34.0	33.8	-	-	-	34.0
	DAY-HR	02-03	23-05	13-23	22-04	09-23	01-00	29-05	29-03	02-04	-	-	-	AUG
	MINIMUM	23.1	23.2	23.7	22.9	23.4	23.7	24.7	23.4	24.6	-	-	-	22.9
	DAY-HR	09-23	05-20	08-02	08-02	21-06	10-19	26-16	10-22	11-15	-	-	-	APR
	# OBS	731	655	737	693	732	706	723	715	321	-	-	-	6013
POR	MEAN	26.9	26.7	26.9	27.2	27.5	27.8	28.1	28.1	28.2	28.1	27.8	27.5	27.6
	MAXIMUM	31.8	30.7	32.1	30.7	31.9	32.7	32.3	34.0	33.8	33.0	32.2	31.2	34.0
	YEAR	1997	1997	1997	1997	1997	1997	1997	1997	1997	1997	1996	1996	1996
	MINIMUM	23.0	23.2	23.0	22.9	23.4	23.7	23.7	23.4	23.7	23.6	23.2	23.2	22.9
	YEAR	1993	1997	1997	1997	1997	1997	1997	1997	1997	1996	1996	1996	1992
	# OBS	5418	5117	5055	5644	5827	5668	5846	5277	4686	4676	4883	5358	63455

STATION: 91251 -- POR (11/1989 - 9/1997)

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
------	---------	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

1989	MEAN	-	-	-	-	-	-	-	-	-	-	1007.1	1010.0	1008.8
	MAXIMUM	-	-	-	-	-	-	-	-	-	-	1013.3	1013.3	1013.3
	DAY-HR	-	-	-	-	-	-	-	-	-	-	29-11	04-09	DEC
	MINIMUM	-	-	-	-	-	-	-	-	-	-	1003.1	1006.4	1003.1
	DAY-HR	-	-	-	-	-	-	-	-	-	-	23-04	07-04	NOV
	# OBS	-	-	-	-	-	-	-	-	-	-	503	737	1240
1990	MEAN	1008.7	1010.7	1009.7	1009.8	1009.7	1009.6	1009.3	1009.2	1009.6	1009.5	1006.6	1008.4	1009.2
	MAXIMUM	1013.7	1014.5	1013.9	1013.1	1013.5	1012.3	1013.7	1012.3	1012.7	1012.9	1011.7	1013.3	1014.5
	DAY-HR	31-22	08-23	28-23	23-11	23-12	04-22	06-12	31-22	20-23	08-10	01-11	05-22	FEB
	MINIMUM	1005.2	1006.2	1005.9	1005.9	1006.6	1006.4	1006.5	1006.1	1006.7	1005.5	1000.9	1001.1	1000.9
	DAY-HR	11-05	22-04	16-05	10-04	13-05	29-05	28-05	16-05	22-05	02-04	22-05	16-05	NOV
	# OBS	743	669	739	706	724	703	727	730	713	736	720	743	8653
1991	MEAN	1009.7	1010.2	1009.7	1009.9	1010.5	1010.3	1009.7	1008.7	1009.1	1008.5	1009.0	1010.3	1009.6
	MAXIMUM	1014.1	1013.1	1013.6	1013.9	1015.2	1013.4	1012.9	1012.6	1013.6	1013.6	1012.4	1013.7	1015.2
	DAY-HR	18-23	26-12	28-22	02-22	18-22	13-22	23-11	20-12	13-10	07-22	12-22	22-23	MAY
	MINIMUM	1005.5	1006.6	1005.3	1006.4	1006.8	1006.5	1006.9	1003.7	1004.9	1004.5	1003.9	1006.1	1003.7
	DAY-HR	27-04	16-04	20-17	09-04	27-05	05-05	21-06	11-05	02-05	20-05	06-04	26-04	AUG
	# OBS	742	671	738	700	697	710	723	720	704	740	531	742	8418
1992	MEAN	1012.4	1012.5	1013.4	1011.9	1011.2	1010.6	1010.5	1010.0	1008.7	1008.2	1009.3	1010.2	1010.7
	MAXIMUM	1018.7	1017.3	1017.2	1015.1	1014.9	1015.1	1014.6	1013.8	1013.8	1013.1	1015.7	1013.5	1018.7
	DAY-HR	24-22	01-00	19-11	23-23	27-11	30-23	01-11	14-11	17-12	22-09	27-22	02-22	JAN
	MINIMUM	1004.8	1008.6	1009.9	1008.3	1007.8	1006.9	1007.0	1006.6	1002.8	1001.6	995.6	1006.1	995.6
	DAY-HR	09-04	06-16	03-04	04-04	06-06	22-04	31-05	27-05	11-05	10-05	19-18	08-04	NOV
	# OBS	739	678	732	699	726	709	724	709	695	717	702	731	8561
1993	MEAN	1011.8	1011.7	1011.4	1011.6	1011.3	1011.1	1010.1	1010.9	1010.5	1009.4	1009.4	1009.5	1010.7
	MAXIMUM	1015.7	1016.4	1015.9	1016.3	1014.8	1013.9	1013.7	1016.9	1014.5	1014.4	1012.2	1012.7	1016.9
	DAY-HR	29-23	27-23	24-23	12-22	04-10	20-23	21-12	13-19	01-14	08-10	01-00	12-13	AUG
	MINIMUM	1007.9	1007.7	1005.7	1008.3	1007.2	1007.7	1006.8	1007.2	1005.8	1001.3	1005.7	1005.4	1001.3
	DAY-HR	27-04	15-04	12-05	02-05	17-04	11-05	29-05	02-06	21-05	20-04	15-06	08-05	OCT
	# OBS	729	632	689	690	714	705	721	645	633	727	707	544	8136
1994	MEAN	1010.4	1010.3	1010.5	1010.0	1010.1	1009.3	1008.6	1008.7	1007.9	1008.5	1008.2	1008.4	1009.5
	MAXIMUM	1014.3	1014.7	1014.6	1013.3	1013.5	1012.6	1011.8	1014.0	1013.2	1012.0	1012.4	1013.5	1014.7
	DAY-HR	31-11	27-23	10-11	03-22	18-22	19-11	14-12	05-21	22-22	31-20	01-20	26-20	FEB
	MINIMUM	1006.8	1006.2	1005.3	1006.2	1006.1	1006.7	1005.6	1004.2	999.3	1004.4	1004.1	999.7	999.3
	DAY-HR	14-15	21-05	20-04	06-05	09-05	17-05	08-05	18-06	14-05	20-03	13-03	20-04	SEP
	# OBS	558	475	674	709	735	715	665	241	209	298	328	394	6001
1995	MEAN	1010.3	1010.7	-	1009.3	1010.0	1010.3	1009.2	1009.0	1009.6	1008.6	1008.9	1009.9	1009.6
	MAXIMUM	1015.5	1013.5	-	1012.4	1013.4	1013.3	1012.7	1012.5	1012.8	1012.9	1012.6	1013.5	1015.5
	DAY-HR	05-21	07-23	-	02-22	06-22	29-11	19-11	10-12	10-12	06-11	09-22	30-23	JAN
	MINIMUM	1006.9	1007.4	-	1005.4	1006.3	1007.2	1006.2	1005.1	1006.5	1003.8	1002.9	1005.2	1002.9
	DAY-HR	14-04	28-18	-	29-06	03-05	16-05	14-06	21-04	09-06	14-16	14-04	04-04	NOV
	# OBS	461	638	-	702	738	714	721	731	683	728	708	731	7555
1996	MEAN	1008.6	1008.7	1009.4	1009.9	1010.8	1010.2	1009.0	1009.8	1008.1	1008.5	1007.6	1006.8	1009.0
	MAXIMUM	1012.9	1012.0	1015.0	1014.3	1014.6	1014.6	1012.6	1013.5	1013.2	1012.9	1013.7	1011.9	1015.0
	DAY-HR	01-00	07-23	12-11	13-22	15-23	24-22	31-23	02-11	25-22	01-00	13-11	01-22	MAR
	MINIMUM	1004.9	1004.7	1005.4	1005.0	1007.2	1006.3	1005.3	1005.6	1003.4	1004.1	1001.6	1002.0	1001.6
	DAY-HR	30-04	15-04	28-05	01-04	04-06	06-05	06-05	28-06	09-05	18-04	03-04	15-04	NOV
	# OBS	711	683	740	728	739	700	820	769	706	719	678	729	8722
1997	MEAN	1009.4	1008.4	1007.7	1009.2	1008.0	1009.9	1008.6	1008.7	1006.2	-	-	-	1008.6
	MAXIMUM	1012.5	1011.6	1013.4	1013.9	1013.3	1014.8	1012.7	1013.7	1010.7	-	-	-	1014.8
	DAY-HR	09-23	11-11	25-23	17-12	31-23	03-11	31-12	29-22	03-11	-	-	-	JUN
	MINIMUM	1006.1	1004.5	1002.0	1004.9	1000.1	1005.8	1005.3	1003.0	998.4	-	-	-	998.4
	DAY-HR	30-05	22-04	08-05	11-05	27-04	27-05	19-06	20-05	13-16	-	-	-	SEP
	# OBS	730	655	736	691	732	706	723	711	319	-	-	-	6003
POR	MEAN	1010.1	1010.4	1010.3	1010.2	1010.2	1010.2	1009.4	1009.4	1009.0	1008.8	1008.3	1009.2	1009.6
	MAXIMUM	1018.7	1017.3	1017.2	1016.3	1015.2	1015.1	1014.6	1016.9	1014.5	1014.4	1015.7	1013.7	1018.7
	YEAR	1992	1992	1992	1993	1991	1992	1992	1993	1993	1993	1992	1991	JAN/1992
	MINIMUM	1004.8	1004.5	1002.0	1004.9	1000.1	1005.8	1005.3	1003.0	998.4	1001.3	995.6	999.7	995.6
	YEAR	1992	1997	1997	1997	1997	1997	1997	1997	1997	1993	1992	1994	NOV/1992
	# OBS	5413	5101	5048	5625	5805	5662	5824	5256	4662	4665	4877	5351	63289

STATION: 91251 -- POR (11/1989 - 9/1997)

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
1989	MEAN	-	-	-	-	-	-	-	-	-	-	10.5	15.2	13.3
	MAXIMUM	-	-	-	-	-	-	-	-	-	-	21.4	25.5	25.5

	DAY-HR	-	-	-	-	-	-	-	-	-	-	12-04	16-21	DEC
	MINIMUM	-	-	-	-	-	-	-	-	-	-	0.0	5.2	0.0
	DAY-HR	-	-	-	-	-	-	-	-	-	-	21-15	26-02	NOV
	# OBS	-	-	-	-	-	-	-	-	-	-	503	737	1240
1990	MEAN	19.6	13.5	16.1	14.0	15.6	12.4	10.0	9.8	9.6	9.4	14.2	16.4	13.4
	MAXIMUM	32.7	24.5	27.0	20.8	27.0	23.9	22.2	22.7	26.8	27.8	36.5	34.6	36.5
	DAY-HR	10-13	03-20	15-21	17-12	09-19	19-07	14-21	28-04	26-03	13-13	22-14	16-00	NOV
	MINIMUM	8.2	0.4	2.9	1.4	2.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	DAY-HR	12-17	18-11	27-05	12-13	27-07	19-13	24-17	23-19	22-18	24-16	15-16	04-18	DEC
	# OBS	743	669	739	709	731	703	729	734	715	737	720	743	8672
1991	MEAN	16.7	16.4	18.4	17.6	15.9	12.4	10.3	8.3	9.7	9.8	12.9	15.7	14.2
	MAXIMUM	26.2	32.1	26.8	27.8	22.4	25.9	20.4	22.7	23.7	23.3	32.3	29.0	32.3
	DAY-HR	18-11	28-18	09-13	02-01	02-09	09-00	07-05	11-03	24-16	25-16	30-03	21-19	NOV
	MINIMUM	6.8	5.1	6.6	6.4	6.0	0.0	2.3	0.0	0.0	0.0	0.0	0.0	0.0
	DAY-HR	16-16	04-07	27-16	10-07	08-15	20-06	31-02	10-11	17-21	28-14	08-17	02-19	DEC
	# OBS	742	671	739	705	708	711	260	299	708	741	530	742	7556
1992	MEAN	18.7	15.9	17.5	15.1	14.4	16.0	12.4	9.4	9.9	8.9	16.3	17.9	14.4
	MAXIMUM	34.6	26.4	24.7	24.7	22.2	24.3	29.5	23.7	25.1	20.8	50.5	30.9	50.5
	DAY-HR	08-20	17-23	21-14	18-20	30-13	18-03	16-05	22-21	11-22	24-13	19-15	28-08	NOV
	MINIMUM	8.9	5.1	8.2	3.9	6.0	6.8	2.5	0.0	0.0	0.0	0.6	7.4	0.0
	DAY-HR	16-04	25-19	15-13	28-18	25-22	06-12	06-22	28-14	29-17	28-19	26-09	09-01	OCT
	# OBS	739	681	734	704	733	713	734	723	700	723	703	735	8622
1993	MEAN	19.2	16.4	17.7	17.8	16.0	14.3	14.9	9.7	8.7	9.8	15.0	18.7	14.8
	MAXIMUM	28.8	30.3	25.1	27.4	24.3	24.5	26.8	24.1	20.2	34.2	26.2	33.4	34.2
	DAY-HR	16-03	28-21	03-21	17-09	17-18	26-12	17-01	16-14	29-03	20-16	30-20	04-16	OCT
	MINIMUM	8.9	6.8	9.1	9.3	4.1	4.3	5.1	0.0	0.2	0.0	1.4	2.7	0.0
	DAY-HR	31-16	13-06	17-11	08-15	17-01	03-09	09-02	10-20	08-07	15-08	05-05	10-17	OCT
	# OBS	730	634	689	701	721	706	729	650	641	729	707	564	8201
1994	MEAN	16.6	14.9	17.7	15.1	15.3	13.9	10.6	5.0	11.0	8.7	9.9	18.0	14.0
	MAXIMUM	29.4	24.5	29.2	32.5	23.7	25.7	23.3	21.4	38.9	25.3	25.3	33.0	38.9
	DAY-HR	28-06	09-14	27-04	19-17	06-13	30-14	28-15	31-08	26-19	29-15	29-20	20-03	SEP
	MINIMUM	5.2	6.4	6.8	4.7	5.2	4.3	0.8	0.0	1.9	0.0	0.0	7.8	0.0
	DAY-HR	19-02	26-20	19-19	20-07	26-11	29-14	14-12	17-06	20-07	09-19	17-18	23-20	NOV
	# OBS	563	445	679	713	737	714	676	234	179	379	204	395	5918
1995	MEAN	16.7	14.0	-	17.7	15.4	14.8	12.1	11.1	10.4	11.6	14.1	16.3	13.9
	MAXIMUM	25.9	24.1	-	32.3	26.8	28.0	28.4	27.2	42.0	39.9	25.5	26.2	42.0
	DAY-HR	29-08	13-17	-	27-20	01-19	05-02	23-01	05-09	17-15	01-01	24-08	25-18	SEP
	MINIMUM	3.9	4.3	-	7.6	1.6	2.3	0.0	0.4	0.4	0.0	0.8	6.8	0.0
	DAY-HR	11-16	07-20	-	14-10	30-08	02-00	24-12	11-17	10-23	29-20	05-20	31-23	OCT
	# OBS	465	650	-	704	738	714	725	733	695	731	709	732	7596
1996	MEAN	17.3	16.1	16.7	16.5	14.3	12.8	10.6	7.2	8.3	10.3	12.3	14.9	13.1
	MAXIMUM	28.8	32.1	26.6	23.9	25.7	25.5	22.9	26.8	27.8	29.0	28.0	27.0	32.1
	DAY-HR	17-02	27-23	28-09	25-06	29-19	06-06	21-06	21-16	07-10	01-04	24-05	20-15	FEB
	MINIMUM	5.4	7.2	3.5	2.9	4.3	0.8	0.2	0.0	0.0	0.0	0.0	0.2	0.0
	DAY-HR	01-04	18-23	07-13	08-01	30-15	25-02	25-00	29-10	30-06	20-18	29-06	18-14	NOV
	# OBS	712	686	741	730	739	700	821	769	707	722	657	732	8716
1997	MEAN	13.3	17.6	15.2	16.8	14.1	12.3	11.9	10.9	10.9	-	-	-	13.8
	MAXIMUM	25.3	28.6	27.6	27.6	29.2	25.7	24.7	28.8	26.4	-	-	-	29.2
	DAY-HR	06-11	13-08	01-13	12-22	27-02	10-19	11-13	07-19	13-04	-	-	-	MAY
	MINIMUM	0.0	1.9	0.0	2.1	0.0	0.0	0.2	0.0	0.0	-	-	-	0.0
	DAY-HR	28-06	23-05	22-14	25-13	10-00	22-12	31-23	28-20	09-18	-	-	-	SEP
	# OBS	732	655	639	696	732	707	720	714	319	-	-	-	5914
POR	MEAN	17.3	15.6	17.1	16.3	15.1	13.6	11.7	9.4	9.6	9.9	13.6	16.5	13.9
	MAXIMUM	34.6	32.1	29.2	32.5	29.2	28.0	29.5	28.8	42.0	39.9	50.5	34.6	50.5
	YEAR	1992	1996	1994	1994	1997	1995	1992	1997	1995	1995	1992	1990	NOV/1992
	MINIMUM	0.0	0.4	0.0	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	YEAR	1997	1990	1997	1990	1997	1997	1995	1997	1997	1996	1996	1991	SEP/1997
	# OBS	5426	5091	4960	5662	5839	5668	5394	4856	4664	4762	4733	5380	62435

STATION: 91251 -- POR (11/1989 - 9/1997)

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
1989	MEAN	-	-	-	-	-	-	-	-	-	-	11.8	17.2	15.0
	MAXIMUM	-	-	-	-	-	-	-	-	-	-	27.8	30.9	30.9
	DAY-HR	-	-	-	-	-	-	-	-	-	-	12-04	16-21	DEC
	# OBS	-	-	-	-	-	-	-	-	-	-	503	736	1239

> 48	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.0	0.4	9.2	65.8	22.6	1.2	0.1	0.2	0.1	0.1	0.0	0.2	0.1	100.0		
TOTAL N	0	19	469	3350	1150	60	7	9	5	3	2	10	7		5091	

(* < 0.05%)

STATION: 91251

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	7
1 - 3	-	*	-	-	*	*	-	*	0.1	0.2	-	-	-	0.3	17
4 - 6	-	0.1	0.2	0.3	0.1	0.1	0.1	0.1	0.1	0.1	-	-	-	1.0	51
7 - 10	-	*	0.6	2.0	1.8	0.7	0.1	0.1	0.4	0.1	-	-	-	5.8	289
11 - 15	-	*	1.6	12.1	7.6	0.9	*	0.4	0.6	*	-	-	-	23.3	1156
16 - 20	-	*	1.6	35.8	11.6	0.5	*	0.1	0.1	*	-	-	-	49.8	2470
21 - 24	-	-	0.2	14.3	3.4	0.1	-	-	-	*	-	-	-	18.0	892
25 - 33	-	-	-	1.3	0.3	-	-	-	-	-	-	-	-	1.6	78
34 - 47	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.1	0.1	4.1	65.7	25.0	2.4	0.2	0.6	1.3	0.5	0.0	0.0	0.0	100.0	
TOTAL N	5	5	204	3260	1238	117	9	31	66	25	0	0	0		4960

(* < 0.05%)

STATION: 91251

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	0.0	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1 - 3	-	*	*	*	*	0.1	-	*	*	*	-	*	*	0.3	15
4 - 6	-	*	*	0.2	0.2	*	*	0.1	*	*	*	*	*	0.6	36
7 - 10	-	0.1	0.4	1.6	1.4	0.3	*	0.1	*	-	-	-	-	3.8	217
11 - 15	-	-	0.8	19.4	13.0	1.3	0.2	*	-	-	-	-	-	34.7	1966
16 - 20	-	*	0.4	31.8	16.9	0.7	*	-	-	-	-	-	-	49.9	2824
21 - 24	-	-	*	6.5	3.0	0.3	0.1	-	-	-	-	-	-	9.9	559
25 - 33	-	-	-	0.3	0.4	0.1	-	-	-	-	-	-	-	0.8	45
34 - 47	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.0	0.2	1.6	59.7	34.9	2.7	0.4	0.2	0.1	0.1	0.0	0.1	0.1	100.0	
TOTAL N	0	9	93	3383	1976	155	20	12	3	3	2	3	3		5662

(* < 0.05%)

STATION: 91251

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	0.0	*	-	-	-	-	-	-	*	-	-	-	*	0.1	4
1 - 3	-	0.1	*	*	*	-	-	0.1	0.1	-	-	-	0.1	0.5	27
4 - 6	-	0.1	0.1	0.2	0.2	0.1	0.1	0.2	0.1	-	-	-	-	1.1	67
7 - 10	-	-	0.7	3.0	2.5	0.8	0.2	0.2	0.1	-	-	-	-	7.5	440
11 - 15	-	*	0.8	20.4	19.5	1.3	0.2	0.2	0.3	-	-	-	-	42.8	2498
16 - 20	-	-	0.5	22.1	18.7	1.1	0.1	0.5	0.1	-	-	-	-	43.1	2515
21 - 24	-	-	0.1	2.3	1.8	0.3	*	0.1	-	-	-	-	-	4.7	276
25 - 33	-	-	-	*	0.1	0.1	-	-	-	-	-	-	-	0.2	12
34 - 47	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.0	0.2	2.1	48.1	42.9	3.8	0.7	1.4	0.8	0.0	0.0	0.0	0.2	100.0	
TOTAL N	1	10	122	2806	2503	220	40	80	48	0	0	0	9		5839

(* < 0.05%)

STATION: 91251

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	0.1	*	-	-	-	-	*	-	-	-	-	*	*	0.2	11
1 - 3	-	0.1	*	0.1	0.2	0.2	0.1	0.1	*	0.1	0.1	0.1	0.1	1.1	65
4 - 6	-	0.1	0.3	0.5	1.1	0.7	0.2	0.3	*	*	*	*	0.1	3.4	194
7 - 10	-	0.1	1.7	5.0	6.0	2.0	0.5	0.1	*	0.1	-	0.1	0.1	15.6	884
11 - 15	-	*	0.5	25.1	18.9	1.9	0.1	0.1	-	-	-	-	0.1	46.7	2647

16 - 20	-	0.1	18.8	11.1	0.5	*	-	-	-	-	-	-	-	30.5	1731
21 - 24	-	-	1.2	0.9	0.1	*	-	-	-	-	-	-	-	2.3	130
25 - 33	-	-	-	0.1	-	-	-	-	-	-	-	-	-	0.1	6
34 - 47	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.1	0.4	2.6	50.7	38.3	5.4	1.1	0.5	0.1	0.1	0.1	0.2	0.4	100.0	
TOTAL N	7	21	149	2873	2171	304	61	28	5	8	6	13	22		5668

(* < 0.05%)

STATION: 91251

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	0.0	*	-	-	*	-	-	0.1	*	-	-	-	-	0.2	10
1 - 3		0.1	0.2	0.4	0.6	0.8	0.6	0.4	0.1	0.1	0.2	*	0.1	3.4	186
4 - 6		0.2	0.6	1.4	2.7	1.6	1.2	0.6	0.2	0.2	0.2	0.2	0.1	9.3	504
7 - 10		0.1	0.7	6.3	10.0	3.3	1.0	0.4	0.1	0.1	0.1	0.1	*	22.0	1189
11 - 15		*	0.5	18.1	24.1	3.7	1.1	0.2	*	0.1	-	*	*	47.9	2583
16 - 20		-	0.1	7.8	7.2	0.9	0.2	0.1	-	*	-	-	-	16.3	881
21 - 24		-	-	0.2	0.3	0.1	*	-	*	*	-	-	-	0.7	36
25 - 33		-	-	*	0.1	*	-	-	-	-	-	-	-	0.1	5
34 - 47		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.0	0.4	2.0	34.3	44.9	10.4	4.1	1.7	0.4	0.5	0.4	0.4	0.3	100.0	
TOTAL N	2	24	109	1851	2424	561	220	94	21	29	24	20	15		5394

(* < 0.05%)

STATION: 91251

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	0.4	0.1	-	-	-	*	*	0.1	*	*	0.1	-	0.1	0.8	37
1 - 3		0.8	0.8	1.1	1.2	1.4	1.0	1.1	0.9	0.4	0.5	0.5	0.4	10.2	487
4 - 6		0.9	1.9	2.2	3.1	3.1	1.7	1.2	1.4	0.6	0.7	0.7	0.9	18.5	882
7 - 10		0.5	1.6	7.8	8.3	4.5	1.9	0.9	1.8	0.9	1.2	0.8	0.7	31.0	1479
11 - 15		0.4	0.6	9.4	12.4	2.8	0.8	0.3	0.7	1.1	0.7	0.3	0.4	29.9	1426
16 - 20		0.1	0.1	1.9	2.5	0.9	0.3	0.1	0.2	0.5	0.8	0.3	0.1	7.8	371
21 - 24		*	*	0.1	0.4	0.2	*	-	-	0.4	0.4	0.1	0.1	1.7	82
25 - 33		*	-	*	0.1	*	-	-	-	*	*	-	-	0.2	9
34 - 47		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.4	2.8	5.0	22.6	27.9	12.9	5.8	3.6	5.1	4.0	4.4	2.8	2.6	100.0	
TOTAL N	18	134	241	1080	1334	615	279	173	242	190	210	134	123		4773

(* < 0.05%)

STATION: 91251

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

Month: SEP

WIND SPEED	CALM	WIND DIRECTION												TOT %	TOT N
		35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
0	0.9	*	*	*	-	-	*	*	*	-	*	-	*	1.1	52
1 - 3		0.6	0.5	1.0	0.8	1.1	1.1	1.0	1.1	0.3	0.4	0.5	0.4	8.7	405
4 - 6		0.9	1.5	3.2	2.5	2.5	1.8	1.8	1.4	1.4	1.3	0.3	0.6	19.2	895
7 - 10		1.1	2.9	8.2	7.1	3.6	1.9	1.2	0.9	1.2	1.1	0.8	0.6	30.6	1427
11 - 15		0.3	1.6	9.7	9.4	3.8	1.4	0.5	0.3	0.5	0.8	0.8	0.2	29.5	1373
16 - 20		0.1	0.2	1.8	2.9	1.0	0.3	0.4	0.3	0.6	0.8	0.5	0.1	8.9	414
21 - 24		*	-	0.1	0.2	0.2	*	*	*	0.3	0.4	0.2	0.1	1.7	78
25 - 33		-	-	*	0.1	*	-	-	*	*	0.1	*	-	0.3	13
34 - 47		-	-	-	*	*	-	-	-	-	-	-	*	0.1	4
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.9	3.1	6.7	24.2	22.9	12.3	6.5	5.0	4.1	4.4	4.9	3.0	2.1	100.0	
TOTAL N	41	143	311	1126	1069	574	305	233	189	204	229	140	97		4661

(* < 0.05%)

STATION: 91251

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	0.1	-	*	-	*	-	0.1	-	-	*	*	-	0.6	30

1 - 3	0.7	0.9	1.0	0.8	1.0	0.6	0.6	0.8	0.1	0.1	0.3	0.5	7.5	354
4 - 6	1.4	2.8	2.8	3.5	2.1	1.5	1.7	1.1	0.4	0.6	0.3	0.3	18.5	879
7 - 10	2.0	4.5	7.2	7.2	3.5	2.2	1.3	0.8	0.7	0.3	0.3	0.5	30.5	1448
11 - 15	0.9	2.3	10.7	9.5	2.9	1.2	0.8	1.1	0.4	0.3	0.3	0.2	30.6	1449
16 - 20	0.1	0.2	4.1	3.5	0.7	0.3	0.5	0.7	0.3	*	0.1	*	10.6	501
21 - 24	-	-	0.2	0.3	0.1	*	-	0.3	0.1	-	-	-	0.9	45
25 - 33	*	-	*	0.1	*	0.1	-	0.1	0.3	-	*	-	0.6	30
34 - 47	-	-	-	-	*	*	-	-	-	-	*	-	0.1	4
> 48	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.4	5.2	10.8	26.0	24.9	10.4	5.8	4.9	4.9	2.4	1.4	1.2	1.6	100.0
TOTAL N	19	246	513	1233	1179	494	276	234	232	114	66	59	75	4740

(* < 0.05%)

STATION: 91251

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

Month: NOV

		WIND DIRECTION													
WIND SPEED	CALM	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34	TOT %	TOT N
0	0.1	-	-	-	-	-	-	-	*	-	-	-	-	0.1	7
1 - 3	0.2	0.4	0.5	0.5	0.5	0.1	0.1	0.2	0.1	0.1	0.1	0.2	0.2	3.3	155
4 - 6	0.7	0.9	1.6	1.9	1.1	0.6	0.3	0.3	0.2	0.3	0.2	0.2	0.2	8.0	380
7 - 10	0.5	1.1	5.2	4.7	2.5	0.8	0.5	0.3	0.1	0.1	0.1	0.2	0.3	16.3	773
11 - 15	1.1	3.2	14.5	11.5	3.1	0.7	0.3	0.1	*	*	0.1	0.4	35.1	1659	
16 - 20	0.6	1.2	15.8	9.7	1.4	0.4	*	-	-	*	-	*	29.3	1387	
21 - 24	0.1	0.2	3.2	1.5	0.3	0.1	-	-	-	-	-	-	5.5	259	
25 - 33	0.1	0.1	0.8	0.6	0.3	-	-	-	-	-	-	-	1.9	89	
34 - 47	-	*	0.2	0.1	0.1	-	-	-	-	-	-	-	0.4	19	
> 48	-	-	-	0.1	-	-	-	-	-	-	-	-	0.1	5	
TOTAL %	0.1	3.4	7.2	41.7	30.6	9.2	2.8	1.3	0.9	0.4	0.5	0.7	1.1	100.0	
TOTAL N	6	162	342	1976	1447	437	132	62	41	18	26	31	53	4733	

(* < 0.05%)

STATION: 91251

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

Month: DEC

		WIND DIRECTION													
WIND SPEED	CALM	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34	TOT %	TOT N
0	0.1	-	*	*	-	-	-	-	*	-	-	-	-	0.1	7
1 - 3	0.1	0.1	0.1	0.1	0.1	0.1	-	*	0.1	*	-	*	0.1	0.7	39
4 - 6	0.3	0.2	0.1	0.1	0.2	0.1	0.2	0.1	0.1	0.1	*	*	-	1.4	77
7 - 10	0.5	0.8	2.0	3.0	0.9	0.4	0.1	*	0.1	*	*	0.2	8.1	436	
11 - 15	0.6	2.5	12.6	10.0	0.9	0.3	0.1	-	-	-	-	0.1	27.0	1451	
16 - 20	0.2	2.7	30.9	10.2	0.7	0.1	*	-	-	-	-	-	44.8	2408	
21 - 24	-	0.6	11.3	2.5	0.3	0.1	-	-	-	-	-	-	14.9	800	
25 - 33	-	0.2	2.2	0.4	0.1	-	-	-	-	-	-	-	2.9	157	
34 - 47	-	-	0.1	-	-	-	-	-	-	-	-	-	0.1	3	
> 48	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0	
TOTAL %	0.1	1.7	7.1	59.2	26.4	3.2	1.0	0.4	0.2	0.2	0.0	0.1	0.3	100.0	
TOTAL N	4	92	383	3184	1422	172	56	24	9	9	2	4	17	5378	

(* < 0.05%)

STATION: 91251

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

All Months: Annual

		WIND DIRECTION													
WIND SPEED	CALM	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34	TOT %	TOT N
0	0.2	*	*	*	*	*	*	*	*	*	*	*	*	0.3	169
1 - 3	0.2	0.2	0.3	0.3	0.4	0.3	0.3	0.3	0.1	0.1	0.1	0.1	0.2	2.9	1807
4 - 6	0.4	0.7	1.1	1.3	0.9	0.6	0.5	0.4	0.2	0.2	0.2	0.1	0.2	6.6	4140
7 - 10	0.4	1.3	4.4	4.6	1.8	0.7	0.4	0.4	0.3	0.2	0.2	0.2	0.2	14.8	9212
11 - 15	0.3	1.7	15.8	12.9	1.9	0.5	0.2	0.2	0.2	0.2	0.1	0.1	0.1	34.0	21219
16 - 20	0.1	1.1	20.1	9.9	0.8	0.1	0.1	0.1	0.1	0.1	0.1	0.1	*	32.7	20371
21 - 24	*	0.3	5.2	1.6	0.2	*	*	*	0.1	0.1	*	*	*	7.6	4714
25 - 33	*	0.1	0.7	0.2	*	*	-	*	*	*	*	*	-	1.1	657
34 - 47	-	*	*	*	*	*	*	-	-	-	*	-	*	0.0	31
> 48	-	-	-	*	-	-	-	-	-	-	-	-	-	0.0	5
TOTAL %	0.2	1.4	5.4	47.5	31.0	6.1	2.3	1.6	1.4	1.0	0.9	0.7	0.7	100.0	
TOTAL N	104	885	3365	29605	19309	3780	1415	982	863	606	567	414	430	62325	

(* < 0.05%)

STATION: 91251

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	0.0	-	*	*	-	*	*	*	*	*	*	*	*	*	0.1	11
1 - 3		0.1	0.1	0.1	0.1	0.1	*	*	*	*	*	*	*	0.1	0.6	96
4 - 6		0.2	0.2	0.4	0.4	0.2	0.1	0.1	0.1	*	*	*	*	1.6	252	
7 - 10		0.2	0.7	2.5	2.4	0.5	0.2	0.1	*	*	*	*	0.1	6.7	1066	
11 - 15		0.2	2.8	15.4	8.9	0.5	0.1	*	-	-	-	-	*	28.1	4462	
16 - 20		0.1	3.1	31.7	10.3	0.4	0.1	*	-	-	-	-	-	45.8	7277	
21 - 24		*	1.0	11.2	2.5	0.1	*	-	-	-	-	-	-	14.8	2357	
25 - 33		-	0.2	1.7	0.3	*	-	-	-	-	-	-	-	2.3	370	
34 - 47		-	-	*	-	-	-	-	-	-	-	-	-	0.0	4	
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0	
TOTAL %	0.0	0.8	8.1	63.0	25.0	1.9	0.5	0.2	0.1	0.1	0.0	0.1	0.2	100.0		
TOTAL N	5	131	1281	10017	3968	303	73	35	16	15	4	14	33		15895	

(* < 0.05%)

STATION: 91251

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	0.0	*	-	-	-	-	-	-	*	-	-	-	*	0.1	11
1 - 3		*	*	*	*	*	-	*	0.1	0.1	-	*	0.1	0.4	59
4 - 6		*	0.1	0.2	0.2	0.1	0.1	0.1	0.1	*	*	*	*	0.9	154
7 - 10		*	0.5	2.2	1.9	0.6	0.1	0.1	0.2	*	-	-	-	5.7	946
11 - 15		*	1.0	17.5	13.7	1.2	0.2	0.2	0.3	*	-	-	-	34.1	5620
16 - 20		*	0.8	29.5	16.0	0.8	*	0.2	0.1	*	-	-	-	47.4	7809
21 - 24		-	0.1	7.4	2.7	0.2	*	*	-	*	-	-	-	10.5	1727
25 - 33		-	-	0.5	0.3	*	-	-	-	-	-	-	-	0.8	135
34 - 47		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.0	0.1	2.5	57.4	34.7	3.0	0.4	0.7	0.7	0.2	0.0	0.0	0.1	100.0	
TOTAL N	6	24	419	9449	5717	492	69	123	117	28	2	3	12		16461

(* < 0.05%)

STATION: 91251

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	0.2	*	-	-	*	*	*	*	*	*	*	*	*	0.4	58
1 - 3		0.3	0.3	0.5	0.6	0.8	0.5	0.5	0.3	0.2	0.3	0.2	0.2	4.7	738
4 - 6		0.4	0.9	1.4	2.2	1.7	1.0	0.7	0.5	0.3	0.3	0.3	0.3	10.0	1580
7 - 10		0.2	1.3	6.3	8.1	3.2	1.1	0.4	0.6	0.3	0.4	0.3	0.3	22.4	3552
11 - 15		0.1	0.5	18.0	18.7	2.8	0.6	0.2	0.2	0.3	0.2	0.1	0.1	42.0	6656
16 - 20		*	0.1	10.0	7.2	0.8	0.2	0.1	0.1	0.2	0.2	0.1	*	18.8	2983
21 - 24		*	*	0.5	0.5	0.1	*	-	*	0.1	0.1	*	*	1.6	248
25 - 33		*	-	*	0.1	*	-	-	-	*	*	-	-	0.1	20
34 - 47		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.2	1.1	3.2	36.7	37.4	9.3	3.5	1.9	1.7	1.4	1.5	1.1	1.0	100.0	
TOTAL N	27	179	499	5804	5929	1480	560	295	268	227	240	167	160		15835

(* < 0.05%)

STATION: 91251

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	*	*	*	-	*	*	*	*	*	*	*	*	0.6	89
1 - 3		0.5	0.6	0.8	0.7	0.9	0.6	0.6	0.7	0.2	0.2	0.3	0.4	6.5	914
4 - 6		1.0	1.7	2.5	2.6	1.9	1.3	1.3	0.9	0.7	0.7	0.2	0.4	15.2	2154
7 - 10		1.2	2.8	6.8	6.3	3.2	1.6	1.0	0.7	0.7	0.5	0.4	0.5	25.8	3648
11 - 15		0.8	2.4	11.6	10.1	3.2	1.1	0.5	0.5	0.3	0.4	0.4	0.3	31.7	4481
16 - 20		0.3	0.5	7.3	5.4	1.1	0.3	0.3	0.3	0.3	0.3	0.2	*	16.3	2302
21 - 24		*	0.1	1.2	0.7	0.2	*	*	0.1	0.2	0.1	0.1	*	2.7	382
25 - 33		*	*	0.3	0.2	0.1	*	-	0.1	0.1	*	*	-	0.9	132
34 - 47		-	*	0.1	*	0.1	*	-	-	-	*	-	*	0.2	27
> 48		-	-	-	*	-	-	-	-	-	-	-	-	0.0	5
TOTAL %	0.5	3.9	8.2	30.7	26.1	10.6	5.0	3.7	3.3	2.4	2.3	1.6	1.6	100.0	
TOTAL N	66	551	1166	4335	3695	1505	713	529	462	336	321	230	225		14134

(* < 0.05%)