

STATION: SPGF1

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

ELEMENT: AIR - SEA TEMPERATURE (DEGREES C) -- POR: (10/1985 - 12/1997) (91889 RECORDS, 66.8% HAVE ELEMENT)

Table with 14 columns (JAN to ANN) and 2 rows per month (F, CPF). Rows include data for values 3 through -14, MEAN, S.D., TOTAL, MAX, DATE, and MIN. Includes a note: (* < 0.05%, # = 100.0%)

STATION: SPGF1

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

ELEMENT: DEW POINT TEMPERATURE (DEGREES C) -- POR: (3/1997 - 12/2001) (13309 RECORDS, 9.7% HAVE ELEMENT)

Table with 14 columns (JAN to ANN) and 2 rows per month (F, CPF). Rows include data for values 29 through 3, MEAN, S.D., TOTAL, MAX, DATE, and MIN.

(* < 0.05% , # = 100.0%)

STATION: SPGF1

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

ELEMENT: AIR - DEW POINT TEMPERATURE (DEGREES C) -- POR: (3/1997 - 12/2001) (13307 RECORDS, 9.7% HAVE ELEMENT)

Table with columns for months (JAN to DEC) and ANN, and sub-columns for Frequency (F) and Percent Frequency (CPF). Rows include data for values 16 through 0, MEAN, S.D., TOTAL, MAX, and DATE/MIN values.

STATION: SPGF1

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

ELEMENT: SEA LEVEL PRESSURE (MILLIBARS) -- POR: (10/1985 - 12/2001) (134389 RECORDS, 97.6% HAVE ELEMENT)

Table with columns for months (JAN to DEC) and ANN, and sub-columns for Frequency (F) and Percent Frequency (CPF). Rows include data for values 1035 through 1002.

STATION: SPGF1 -- POR (10/1985 - 12/1997)

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
1985	MEAN	-	-	-	-	-	-	-	-	-	27.7	-	-	27.7
	MAXIMUM	-	-	-	-	-	-	-	-	-	28.8	-	-	28.8
	DAY-HR	-	-	-	-	-	-	-	-	-	30-20	-	-	OCT
	MINIMUM	-	-	-	-	-	-	-	-	-	27.1	-	-	27.1
	DAY-HR	-	-	-	-	-	-	-	-	-	31-14	-	-	OCT
	# OBS	-	-	-	-	-	-	-	-	-	192	-	-	-
1986	MEAN	23.4	23.4	23.4	24.6	26.0	28.5	29.5	29.3	29.4	27.8	27.2	25.5	26.6
	MAXIMUM	25.6	25.3	26.4	27.4	28.4	30.6	31.6	31.1	31.2	30.0	28.3	27.1	31.6
	DAY-HR	02-21	22-20	20-23	29-22	23-19	10-21	29-22	07-19	06-20	08-21	06-19	12-23	JUL
	MINIMUM	21.4	21.6	19.7	22.8	24.7	26.8	28.2	27.7	27.7	25.6	25.7	23.8	19.7
	DAY-HR	15-12	14-12	02-12	26-08	12-10	01-12	08-10	13-10	05-07	20-08	17-07	31-06	MAR
	# OBS	386	358	740	719	743	718	741	742	334	560	716	741	7498
1987	MEAN	23.6	23.6	23.6	24.1	26.4	28.1	29.5	30.0	30.2	27.1	25.2	23.7	26.2
	MAXIMUM	26.0	25.9	26.4	27.9	28.3	31.4	32.0	31.9	32.3	29.4	27.6	25.5	32.3
	DAY-HR	20-20	23-00	29-20	30-19	01-22	25-20	14-21	08-19	22-20	01-01	05-19	28-22	SEP
	MINIMUM	19.5	20.4	21.6	20.7	25.2	25.7	28.0	28.1	28.5	25.0	22.2	20.4	19.5
	DAY-HR	28-05	10-05	15-06	05-12	15-08	02-10	02-11	12-09	29-12	31-14	22-07	31-04	JAN
	# OBS	703	608	729	648	742	708	740	520	661	707	682	700	8148
1988	MEAN	22.8	22.7	23.2	25.4	26.4	27.8	29.4	29.5	29.1	27.5	26.1	24.3	26.2
	MAXIMUM	24.6	24.7	26.2	28.6	30.8	31.5	31.7	31.1	30.2	30.3	27.2	25.7	31.7
	DAY-HR	21-01	05-22	27-20	25-20	21-22	30-21	14-20	25-18	04-23	07-19	21-20	12-02	JUL
	MINIMUM	18.8	19.2	16.3	22.0	23.5	25.9	27.6	27.7	27.9	25.0	24.4	21.9	16.3
	DAY-HR	28-02	18-07	18-07	13-16	04-09	01-07	07-13	10-17	26-07	15-09	26-09	19-04	MAR
	# OBS	676	627	669	645	725	701	700	704	707	723	684	643	8204
1989	MEAN	24.4	24.5	24.5	26.1	27.4	28.5	29.2	29.9	29.7	28.3	26.3	24.1	27.0
	MAXIMUM	25.8	27.1	28.0	29.1	30.1	30.5	31.8	32.4	31.6	30.8	28.0	26.0	32.4
	DAY-HR	02-20	08-22	25-21	26-21	23-21	18-19	19-20	16-20	01-20	13-19	05-21	08-22	AUG
	MINIMUM	22.3	20.5	20.8	24.3	25.7	26.6	27.1	28.1	28.4	25.5	23.9	19.5	19.5
	DAY-HR	24-05	25-03	12-13	02-13	04-12	30-12	06-09	09-11	19-10	21-15	22-14	25-06	DEC
	# OBS	624	665	740	709	725	712	731	733	709	738	712	737	8535
1990	MEAN	24.4	24.5	24.1	25.1	26.8	28.7	29.7	30.3	29.7	28.3	25.9	25.0	26.8
	MAXIMUM	25.7	26.0	26.4	27.6	29.6	31.0	31.6	32.4	31.4	30.4	27.4	26.0	32.4
	DAY-HR	31-21	21-21	31-21	30-22	31-22	20-18	30-20	23-21	17-20	15-18	09-21	20-01	AUG
	MINIMUM	22.4	22.5	22.6	23.7	24.9	26.8	28.4	29.0	28.5	25.8	24.3	23.4	22.4
	DAY-HR	14-10	27-13	22-14	10-14	08-14	02-10	04-12	29-14	29-15	27-15	19-09	09-16	JAN
	# OBS	700	670	734	706	742	709	473	744	718	741	712	738	8387
1991	MEAN	24.6	24.1	24.7	25.9	27.7	29.0	29.9	30.2	29.5	27.9	25.8	24.7	27.0
	MAXIMUM	26.7	26.4	26.6	28.8	30.7	31.9	31.8	32.2	31.1	30.3	27.5	26.3	32.2
	DAY-HR	31-21	25-20	25-22	29-21	31-20	27-20	09-18	13-22	01-00	06-20	01-20	03-22	AUG
	MINIMUM	22.8	20.5	21.9	23.7	26.8	27.4	28.1	28.6	28.2	25.9	23.5	19.2	19.2
	DAY-HR	22-14	16-21	11-14	04-13	12-13	11-13	02-13	20-12	26-15	17-03	11-14	22-07	DEC
	# OBS	737	669	742	716	743	715	743	738	718	744	717	743	8725
1992	MEAN	23.4	23.9	24.3	24.8	26.4	28.4	29.8	29.8	29.3	27.8	26.5	25.0	26.6
	MAXIMUM	25.5	26.1	26.7	27.8	28.8	30.7	31.9	31.9	31.4	29.6	28.3	26.4	31.9
	DAY-HR	30-22	26-21	07-21	26-00	25-23	21-22	31-21	30-22	10-19	11-20	06-18	24-18	AUG
	MINIMUM	21.0	21.4	22.9	23.1	24.5	27.0	28.5	28.9	28.1	26.2	24.3	22.1	21.0
	DAY-HR	17-05	08-14	14-14	15-14	01-12	04-11	01-12	04-16	29-14	23-07	16-14	12-13	JAN
	# OBS	740	689	741	672	706	720	742	739	712	738	711	740	8650
1993	MEAN	24.8	23.5	23.9	24.9	25.9	28.3	29.8	30.0	29.7	28.6	26.8	24.9	26.8
	MAXIMUM	26.9	25.3	26.9	26.5	28.3	30.9	32.3	32.0	31.6	30.0	28.1	26.8	32.3
	DAY-HR	13-21	11-21	30-21	13-22	22-17	06-21	22-22	14-18	04-21	07-20	10-21	04-21	JUL
	MINIMUM	21.5	21.8	20.8	23.8	24.5	25.9	28.0	28.7	28.2	27.1	24.9	22.0	20.8
	DAY-HR	28-16	20-10	15-04	23-13	02-13	01-13	03-13	30-13	30-15	31-23	30-11	26-11	MAR
	# OBS	741	671	733	717	743	716	740	742	718	741	715	741	8718
1994	MEAN	23.5	24.1	24.9	26.2	27.7	29.1	29.6	29.7	29.2	28.1	26.6	25.1	26.8
	MAXIMUM	25.3	27.0	27.7	28.9	30.7	31.2	31.0	32.0	31.8	30.1	28.3	27.6	32.0
	DAY-HR	30-21	13-20	28-22	17-20	27-21	12-20	26-22	08-20	03-19	06-20	01-18	07-19	AUG
	MINIMUM	21.5	21.8	22.0	24.6	25.9	27.8	28.5	27.8	27.3	26.6	24.5	20.6	20.6
	DAY-HR	20-04	19-15	04-13	04-12	01-14	04-12	22-14	14-13	14-01	17-15	25-14	25-15	DEC
	# OBS	743	655	743	720	739	584	267	740	712	736	708	743	8090
1995	MEAN	23.8	23.5	24.1	26.2	28.1	28.7	29.9	29.5	29.9	28.9	25.7	24.3	26.9
	MAXIMUM	25.8	25.8	27.3	28.8	30.8	31.8	31.9	31.7	31.2	30.7	28.3	26.3	31.9
	DAY-HR	02-00	18-21	31-22	22-22	31-20	30-22	02-21	16-22	19-17	02-00	03-22	10-00	JUL
	MINIMUM	21.5	20.5	21.6	24.3	25.4	27.1	28.6	27.0	28.6	27.1	22.7	21.4	20.5

	DAY-HR	25-14	09-15	11-10	07-14	01-05	21-13	29-11	03-10	30-10	31-14	15-13	26-14	FEB
	# OBS	741	670	739	717	735	714	741	741	714	742	713	724	8691
1996	MEAN	23.3	23.2	23.3	-	-	-	-	-	-	-	-	-	23.2
	MAXIMUM	25.2	25.9	25.8	-	-	-	-	-	-	-	-	-	25.9
	DAY-HR	22-00	29-22	01-00	-	-	-	-	-	-	-	-	-	FEB
	MINIMUM	20.0	18.9	20.8	-	-	-	-	-	-	-	-	-	18.9
	DAY-HR	09-12	05-22	11-23	-	-	-	-	-	-	-	-	-	FEB
	# OBS	738	690	264	-	-	-	-	-	-	-	-	-	1692
1997	MEAN	-	-	25.4	25.5	27.4	28.9	30.2	30.6	29.3	27.7	26.0	25.0	27.9
	MAXIMUM	-	-	27.9	27.9	30.1	31.3	32.3	32.8	31.1	30.0	27.7	26.3	32.8
	DAY-HR	-	-	28-21	29-22	26-21	30-00	10-20	07-21	04-19	02-20	06-21	01-00	AUG
	MINIMUM	-	-	23.7	23.4	25.6	26.8	29.2	29.4	28.4	26.0	24.3	22.8	22.8
	DAY-HR	-	-	15-14	19-10	06-11	03-08	01-12	31-14	09-13	21-14	26-06	07-14	DEC
	# OBS	-	-	463	708	734	713	730	734	714	735	697	181	6409
POR	MEAN	23.8	23.8	24.1	25.4	26.9	28.5	29.7	29.9	29.5	28.0	26.2	24.7	26.7
	MAXIMUM	26.9	27.1	28.0	29.1	30.8	31.9	32.3	32.8	32.3	30.8	28.3	27.6	32.8
	YEAR	1993	1989	1989	1989	1995	1991	1997	1987	1987	1989	1995	1994	AUG/1997
	MINIMUM	18.8	18.9	16.3	20.7	23.5	25.7	27.1	27.0	27.3	25.0	22.2	19.2	16.3
	YEAR	1988	1996	1988	1987	1988	1987	1989	1995	1994	1988	1987	1991	MAR/1988
	# OBS	7529	6972	8037	7677	8077	7710	7348	7877	7417	8097	7767	7431	91939

STATION: SPGF1 -- POR (3/1997 - 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
1997	MEAN	-	-	19.1	17.8	21.2	23.5	24.3	24.1	24.1	21.0	19.4	17.7	21.3
	MAXIMUM	-	-	22.6	25.1	25.0	26.4	26.2	26.2	26.8	25.8	25.9	25.1	26.8
	DAY-HR	-	-	30-11	28-18	04-01	16-03	06-03	21-16	27-18	28-01	14-06	11-18	SEP
	MINIMUM	-	-	13.5	5.5	12.7	19.3	20.8	19.2	18.4	13.4	11.3	6.7	5.5
	DAY-HR	-	-	18-13	19-07	06-02	06-20	01-09	28-23	07-15	20-08	09-12	07-01	APR
	# OBS	-	-	483	708	736	713	730	734	714	735	698	739	6990
1998	MEAN	17.3	16.7	15.4	-	-	-	-	-	-	25.6	23.0	-	18.8
	MAXIMUM	24.7	25.1	24.9	-	-	-	-	-	-	28.1	27.3	-	28.1
	DAY-HR	24-08	20-14	09-12	-	-	-	-	-	-	03-05	05-13	-	OCT
	MINIMUM	7.1	7.1	4.0	-	-	-	-	-	-	20.3	16.1	-	4.0
	DAY-HR	30-21	01-03	03-15	-	-	-	-	-	-	14-09	07-06	-	MAR
	# OBS	592	664	456	-	-	-	-	-	-	394	309	-	2415
1999	MEAN	-	-	19.4	21.4	-	-	-	-	-	-	-	-	21.4
	MAXIMUM	-	-	19.4	25.8	-	-	-	-	-	-	-	-	25.8
	DAY-HR	-	-	31-23	12-05	-	-	-	-	-	-	-	-	APR
	MINIMUM	-	-	19.4	13.3	-	-	-	-	-	-	-	-	13.3
	DAY-HR	-	-	31-23	17-17	-	-	-	-	-	-	-	-	APR
	# OBS	-	-	1	400	-	-	-	-	-	-	-	-	401
2000	MEAN	-	-	-	-	-	-	23.6	-	-	-	16.6	-	16.9
	MAXIMUM	-	-	-	-	-	-	24.7	-	-	-	24.6	-	24.7
	DAY-HR	-	-	-	-	-	-	30-00	-	-	-	11-03	-	JUL
	MINIMUM	-	-	-	-	-	-	22.2	-	-	-	8.7	-	8.7
	DAY-HR	-	-	-	-	-	-	28-20	-	-	-	22-16	-	NOV
	# OBS	-	-	-	-	-	-	34	-	-	-	711	-	745
2001	MEAN	-	-	-	-	-	-	-	-	22.3	20.7	17.8	17.7	19.4
	MAXIMUM	-	-	-	-	-	-	-	-	24.9	25.2	22.0	22.5	25.2
	DAY-HR	-	-	-	-	-	-	-	-	14-12	24-04	03-17	11-20	OCT
	MINIMUM	-	-	-	-	-	-	-	-	17.9	8.8	11.1	3.0	3.0
	DAY-HR	-	-	-	-	-	-	-	-	19-23	28-08	07-08	27-08	DEC
	# OBS	-	-	-	-	-	-	-	-	552	743	719	744	2758
POR	MEAN	17.3	16.7	17.3	19.1	21.2	23.5	24.3	24.1	23.3	21.8	18.6	17.7	20.2
	MAXIMUM	24.7	25.1	24.9	25.8	25.0	26.4	26.2	26.2	26.8	28.1	27.3	25.1	28.1
	YEAR	1998	1998	1998	1999	1997	1997	1997	1997	1997	1998	1998	1997	OCT/1998
	MINIMUM	7.1	7.1	4.0	5.5	12.7	19.3	20.8	19.2	17.9	8.8	8.7	3.0	3.0
	YEAR	1998	1998	1998	1997	1997	1997	1997	1997	2001	2001	2000	2001	DEC/2001
	# OBS	592	664	940	1108	736	713	764	734	1266	1872	2437	1483	13309

STATION: SPGF1 -- POR (10/1985 - 12/2001)

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

	MINIMUM	1007.1	1008.3	1003.5	1008.0	1006.5	1011.6	1008.9	1010.4	1004.4	1003.4	1011.9	1010.8	1003.4
	DAY-HR	03-11	16-20	11-19	01-21	22-08	18-07	11-08	31-23	04-22	19-08	21-20	08-10	OCT
	# OBS	738	690	740	734	739	716	827	789	717	736	694	740	8860
1997	MEAN	1020.0	1021.3	1019.3	1016.3	1017.5	1015.4	1018.1	1017.9	1015.4	1017.0	1017.5	1016.3	1017.6
	MAXIMUM	1027.8	1029.5	1027.0	1024.1	1023.3	1022.0	1023.0	1022.9	1019.7	1022.5	1025.5	1027.0	1029.5
	DAY-HR	21-16	18-16	08-15	03-02	05-16	19-15	07-16	17-16	14-15	10-15	17-15	31-15	FEB
	MINIMUM	1008.8	1016.9	1007.5	1003.7	1009.5	1004.5	1010.0	1012.8	1010.9	1011.0	1006.6	1006.0	1003.7
	DAY-HR	10-06	10-20	21-23	23-21	13-08	06-09	03-09	31-08	27-20	18-20	30-20	01-08	APR
	# OBS	741	657	739	708	735	713	730	734	714	735	698	731	8635
1998	MEAN	1017.9	1013.0	1017.7	1016.1	1014.6	1016.4	1017.2	1015.5	1014.0	1017.0	1018.2	1020.0	1016.5
	MAXIMUM	1033.5	1021.3	1028.8	1023.3	1020.0	1022.4	1026.2	1021.3	1019.1	1023.0	1025.7	1026.1	1033.5
	DAY-HR	01-15	10-16	26-15	13-17	17-16	09-16	01-07	08-15	06-15	24-16	12-15	20-15	JAN
	MINIMUM	1008.0	996.6	1005.0	1006.1	1004.5	1010.4	1009.9	1005.9	1009.6	1012.6	993.3	1010.2	993.3
	DAY-HR	16-10	04-08	21-09	05-08	11-22	15-08	13-09	25-22	03-10	01-22	05-17	29-23	NOV
	# OBS	592	664	715	685	709	690	727	785	714	733	716	739	8469
1999	MEAN	1020.8	1019.5	1017.7	1017.2	1016.2	1017.1	1018.8	1014.7	1012.1	1014.6	1017.5	1020.5	1017.3
	MAXIMUM	1027.5	1027.0	1024.7	1024.3	1021.3	1021.5	1023.1	1021.5	1019.3	1021.7	1026.9	1028.4	1028.4
	DAY-HR	06-16	15-16	09-04	07-16	30-16	27-16	18-16	16-15	28-16	28-15	05-15	02-15	DEC
	MINIMUM	1012.4	1009.0	1007.9	1006.3	1006.8	1013.6	1011.4	1002.6	983.0	998.6	1007.2	1012.4	983.0
	DAY-HR	10-09	19-22	15-09	30-20	01-07	09-08	30-23	28-22	15-01	16-08	16-22	28-21	SEP
	# OBS	741	655	707	720	742	719	742	739	714	444	716	741	8380
2000	MEAN	1021.3	1022.3	1018.0	1017.5	1017.9	1019.4	1016.5	1016.8	1013.7	1016.6	1017.1	1019.2	1018.1
	MAXIMUM	1034.8	1029.3	1024.7	1026.1	1024.0	1024.0	1020.3	1021.1	1018.2	1022.1	1027.4	1027.3	1034.8
	DAY-HR	15-15	06-16	01-16	10-15	18-15	19-17	09-17	07-16	20-03	23-14	22-15	14-15	JAN
	MINIMUM	1003.8	1015.3	1006.1	1008.6	1010.6	1015.8	1011.0	1009.2	1007.5	1008.2	1011.0	1005.8	1003.8
	DAY-HR	24-21	04-20	27-22	22-22	29-22	30-21	15-22	30-08	30-20	01-08	11-07	29-01	JAN
	# OBS	741	691	744	708	737	720	574	744	719	736	718	742	8574
2001	MEAN	1019.8	1021.4	1014.8	1019.7	1016.2	1017.9	1017.0	1017.5	1014.2	1017.6	1017.9	1018.2	1017.7
	MAXIMUM	1027.9	1027.0	1020.3	1027.9	1021.0	1023.9	1022.2	1022.4	1018.9	1026.5	1025.9	1026.1	1027.9
	DAY-HR	02-15	19-16	12-16	20-15	10-16	27-04	03-17	07-04	06-15	29-16	08-15	22-15	APR
	MINIMUM	1013.4	1013.6	1009.0	1009.8	1010.4	1012.5	1009.8	1012.4	1004.0	1011.1	1002.8	1009.8	1002.8
	DAY-HR	06-10	28-22	31-22	01-00	23-23	02-09	15-09	15-08	15-09	23-20	05-20	26-09	NOV
	# OBS	744	672	740	717	744	718	743	744	712	743	719	744	8740
POR	MEAN	1019.9	1019.3	1017.9	1017.1	1016.5	1016.9	1018.2	1017.0	1015.1	1015.9	1018.0	1019.5	1017.6
	MAXIMUM	1035.0	1032.0	1032.6	1027.9	1025.0	1024.0	1026.2	1025.0	1022.7	1026.5	1028.3	1033.5	1035.0
	YEAR	1988	1996	1993	2001	1996	2000	1998	1993	1993	2001	1996	1991	JAN/1988
	MINIMUM	1003.8	996.5	1000.4	1003.7	1003.5	1004.5	1008.4	988.5	983.0	998.6	993.3	1001.3	983.0
	YEAR	2000	1992	1993	1994	1997	1994	1990	1995	1999	1999	1998	1994	SEP/1999
	# OBS	11106	10308	11700	11028	11144	10572	10221	11398	10992	11494	12045	12381	134389

STATION: SPGF1 -- POR (10/1985 - 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
1985	MEAN	-	-	-	-	-	-	-	-	-	8.1	9.4	9.0	9.1
	MAXIMUM	-	-	-	-	-	-	-	-	-	22.0	26.0	27.0	27.0
	DAY-HR	-	-	-	-	-	-	-	-	-	27-02	19-07	26-07	DEC
	MINIMUM	-	-	-	-	-	-	-	-	-	0.0	0.0	0.0	0.0
	DAY-HR	-	-	-	-	-	-	-	-	-	30-16	30-01	31-09	DEC
	# OBS	-	-	-	-	-	-	-	-	-	192	718	697	1607
1986	MEAN	9.6	6.6	10.4	6.2	7.5	3.4	3.0	4.2	3.5	6.8	7.4	7.6	6.3
	MAXIMUM	30.1	24.1	29.0	21.0	24.1	20.0	16.1	18.1	11.1	26.0	26.0	23.1	30.1
	DAY-HR	09-04	25-10	15-22	17-06	05-02	04-18	13-21	07-05	14-22	19-05	14-11	06-14	JAN
	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	19-22	28-07	21-08	30-08	30-19	30-16	31-23	30-00	14-10	28-05	29-06	30-05	DEC
	# OBS	400	358	741	719	741	719	743	742	334	560	713	739	7509
1987	MEAN	8.6	7.9	8.5	6.5	8.4	5.1	3.7	5.6	3.1	10.3	10.9	8.8	7.3
	MAXIMUM	27.0	26.0	24.1	22.0	19.1	19.1	21.0	17.3	17.9	29.0	30.3	25.9	30.3
	DAY-HR	23-05	09-08	31-22	04-16	30-19	09-01	14-00	26-23	26-15	11-02	02-04	29-18	NOV
	MINIMUM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	DAY-HR	20-21	22-14	29-04	30-09	20-02	27-17	31-14	31-20	29-10	18-07	06-10	23-09	DEC
	# OBS	718	620	732	666	742	712	739	520	661	702	681	698	8191
1988	MEAN	9.9	9.3	9.3	6.5	6.4	6.6	5.5	4.8	7.2	8.5	8.9	7.7	7.5
	MAXIMUM	24.5	24.1	23.9	23.9	20.8	21.0	21.6	20.4	21.4	21.0	19.8	22.2	24.5
	DAY-HR	26-01	21-19	19-15	13-10	31-16	13-01	06-22	12-14	13-02	01-05	25-12	13-17	JAN
	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	08-14	27-22	22-07	29-09	28-03	30-10	28-19	31-10	28-01	25-09	07-02	31-23	DEC
	# OBS	676	615	669	646	716	685	698	707	708	723	684	642	8169

1989	MEAN	7.0	8.2	7.4	6.2	6.2	4.6	4.5	4.6	6.0	5.9	8.7	8.6	6.5
	MAXIMUM	21.4	29.0	29.7	22.7	16.5	14.8	19.2	23.1	20.6	27.4	21.0	35.8	35.8
	DAY-HR	23-09	24-08	10-05	08-01	19-00	02-02	23-17	20-07	21-15	20-14	30-06	24-09	DEC
	MINIMUM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	DAY-HR	27-23	11-18	26-02	26-01	28-23	29-18	31-10	29-21	22-12	27-06	29-23	19-08	DEC
	# OBS	624	664	741	712	725	716	731	734	709	739	712	739	8546
1990	MEAN	7.9	9.7	9.7	9.2	6.3	4.8	4.7	3.8	6.8	9.9	10.0	10.0	7.8
	MAXIMUM	23.3	25.3	24.7	27.6	19.2	16.1	18.7	16.3	20.2	26.2	24.5	25.3	27.6
	DAY-HR	26-16	24-08	08-09	20-00	09-05	22-20	05-04	06-16	28-01	09-17	30-22	01-02	APR
	MINIMUM	0.0	0.2	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.8	1.2	0.0
	DAY-HR	09-23	21-05	27-12	18-11	24-02	18-22	06-02	28-02	02-05	14-00	21-12	12-04	OCT
	# OBS	701	672	735	707	742	712	474	744	718	741	714	731	8391
1991	MEAN	8.8	10.4	8.6	8.3	8.0	5.3	4.4	4.8	6.0	8.8	9.5	8.4	7.6
	MAXIMUM	22.2	34.0	29.4	26.4	21.0	26.2	27.2	20.6	25.5	22.9	25.9	27.2	34.0
	DAY-HR	26-08	16-03	10-13	03-23	20-16	05-00	02-22	17-09	30-03	29-19	09-14	20-04	FEB
	MINIMUM	0.6	0.8	0.6	0.2	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0
	DAY-HR	17-05	26-06	25-11	20-17	02-14	29-20	28-04	31-10	21-01	07-15	07-10	15-13	NOV
	# OBS	732	665	742	716	743	716	743	738	718	744	717	744	8718
1992	MEAN	9.2	8.2	8.6	-	8.1	5.3	4.3	5.3	6.6	8.3	9.9	8.9	7.5
	MAXIMUM	29.5	24.1	26.4	-	22.0	23.3	20.8	37.9	20.6	21.6	25.5	25.3	37.9
	DAY-HR	04-15	07-07	25-11	-	18-00	13-03	11-21	24-05	18-00	22-19	10-03	12-04	AUG
	MINIMUM	0.2	0.0	0.2	-	0.6	0.2	0.0	0.0	0.0	0.0	0.2	0.0	0.0
	DAY-HR	30-00	20-01	01-03	-	25-01	01-23	04-04	19-06	09-18	27-11	07-00	13-09	DEC
	# OBS	739	689	739	-	552	719	742	739	711	741	712	741	7824
1993	MEAN	9.3	9.3	9.1	8.5	8.7	5.6	3.8	5.1	6.6	5.8	9.3	8.7	7.5
	MAXIMUM	31.3	23.1	28.8	21.6	20.0	23.5	20.4	20.2	18.3	26.4	22.9	25.7	31.3
	DAY-HR	27-16	12-13	14-04	22-15	23-16	27-22	31-21	10-04	30-12	26-22	24-19	25-07	JAN
	MINIMUM	0.2	1.4	0.6	0.4	0.8	0.0	0.0	0.0	0.0	0.0	0.6	1.0	0.0
	DAY-HR	09-21	16-23	10-08	12-05	17-12	02-10	29-03	26-00	12-10	29-01	26-09	30-10	OCT
	# OBS	741	670	734	717	744	717	741	744	718	741	716	742	8725
1994	MEAN	10.5	9.2	8.9	8.9	5.6	4.1	4.4	5.1	5.1	7.0	9.7	9.4	7.5
	MAXIMUM	25.5	30.3	30.9	25.5	16.7	16.9	14.6	27.2	17.9	36.7	33.6	36.7	36.7
	DAY-HR	14-11	18-21	03-16	09-12	20-16	22-23	22-13	28-20	12-21	31-05	14-13	22-01	DEC
	MINIMUM	0.2	0.6	0.2	0.6	0.2	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0
	DAY-HR	13-09	14-05	21-12	23-05	29-12	20-02	31-05	28-05	28-16	28-07	22-12	13-06	DEC
	# OBS	743	656	744	720	738	586	267	741	712	737	709	743	8096
1995	MEAN	8.4	9.5	10.0	7.2	5.3	5.8	5.3	5.6	4.6	7.3	7.8	9.0	7.1
	MAXIMUM	22.7	33.6	25.5	21.8	16.5	23.3	28.4	33.6	16.1	19.8	20.8	22.7	33.6
	DAY-HR	20-10	04-19	13-04	14-09	24-00	21-06	11-02	01-22	11-18	31-00	10-22	20-14	AUG
	MINIMUM	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	0.0
	DAY-HR	19-16	24-17	24-23	02-05	26-12	29-10	06-05	17-00	21-10	19-12	14-12	09-00	OCT
	# OBS	741	670	739	716	736	714	741	741	714	742	713	725	8692
1996	MEAN	9.6	7.6	9.8	7.5	6.5	6.0	6.3	5.4	6.3	9.2	10.8	8.3	7.7
	MAXIMUM	31.1	31.1	31.9	24.1	21.2	26.0	21.6	19.2	22.2	24.1	24.3	25.3	31.9
	DAY-HR	08-11	17-04	12-00	02-07	26-01	21-22	10-19	21-01	04-20	12-12	16-05	19-20	MAR
	MINIMUM	1.2	0.0	1.0	0.6	0.0	0.0	0.0	0.0	0.0	1.0	0.4	0.0	0.0
	DAY-HR	14-18	01-12	30-12	23-22	02-06	29-08	31-23	25-11	14-01	10-07	20-10	17-10	DEC
	# OBS	738	690	739	734	739	716	827	789	717	736	694	740	8859
1997	MEAN	8.0	8.1	8.7	10.3	7.6	5.4	4.5	4.4	7.2	9.9	9.5	9.4	7.8
	MAXIMUM	29.5	22.0	25.9	29.9	22.6	24.7	18.7	16.3	23.3	21.6	29.2	33.2	33.2
	DAY-HR	10-07	18-12	22-13	24-00	28-21	15-00	19-18	09-03	05-14	09-18	02-17	30-12	DEC
	MINIMUM	0.4	0.2	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.0
	DAY-HR	11-01	06-19	24-00	14-09	15-04	27-00	22-20	26-10	18-11	02-11	30-15	02-09	DEC
	# OBS	741	657	740	707	735	713	730	734	714	735	698	739	8643
1998	MEAN	12.4	13.8	12.7	11.0	8.5	7.8	6.8	7.0	8.8	10.6	9.4	11.1	9.9
	MAXIMUM	30.1	38.1	26.8	27.6	24.7	20.0	19.6	21.8	25.1	27.2	37.3	24.3	38.1
	DAY-HR	28-06	23-14	20-07	12-00	05-00	26-22	14-21	20-20	25-09	23-07	05-19	30-11	FEB
	MINIMUM	0.0	1.2	2.5	1.4	0.0	0.8	0.0	0.0	0.0	0.8	0.0	2.1	0.0
	DAY-HR	29-15	01-13	23-05	03-06	29-14	25-00	03-08	29-00	20-05	22-01	17-17	25-22	NOV
	# OBS	592	664	715	685	708	690	732	782	713	735	714	739	8469
1999	MEAN	10.6	10.8	10.7	8.4	8.0	7.8	6.7	8.2	9.9	13.7	13.0	10.3	9.7
	MAXIMUM	22.6	27.4	27.2	22.6	25.1	22.9	18.1	32.7	50.9	35.6	25.7	25.9	50.9
	DAY-HR	24-18	22-02	03-20	17-20	01-15	07-23	07-16	28-22	14-20	16-11	30-21	28-19	SEP
	MINIMUM	0.0	0.2	0.4	0.0	0.0	0.0	0.0	0.2	0.2	0.4	0.0	0.0	0.0
	DAY-HR	19-00	27-09	24-22	20-06	19-11	20-20	13-22	07-17	06-23	20-21	15-04	15-03	DEC
	# OBS	740	656	710	720	742	719	742	739	714	444	716	741	8383
2000	MEAN	11.8	10.6	11.0	10.7	9.4	7.5	8.1	9.4	7.4	12.4	10.4	12.9	10.2
	MAXIMUM	32.1	23.5	28.2	24.3	21.0	22.9	27.6	34.2	21.6	30.5	26.2	34.6	34.6
	DAY-HR	14-20	09-20	19-04	05-07	17-23	30-23	16-09	14-22	29-03	09-20	25-18	29-01	DEC
	MINIMUM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.2	1.4	1.9	0.0
	DAY-HR	30-02	27-22	01-21	28-00	12-00	07-03	11-18	26-21	07-16	06-05	06-07	03-06	SEP
	# OBS	741	691	744	709	738	720	575	744	719	737	718	744	8580

2001	MEAN	12.1	10.3	13.3	12.1	11.4	6.4	8.5	6.1	8.9	13.2	12.4	11.8	10.5
	MAXIMUM	32.5	24.5	34.0	26.4	28.0	31.5	37.9	31.5	32.5	34.0	33.6	26.4	37.9
	DAY-HR	23-03	19-00	06-01	01-07	23-22	24-23	22-21	02-03	15-13	08-22	05-13	26-21	JUL
	MINIMUM	1.7	0.4	0.8	0.0	1.0	0.0	0.0	0.0	0.2	0.0	0.0	1.4	0.0
	DAY-HR	03-19	28-13	24-04	15-05	17-22	25-09	15-19	26-05	29-07	26-00	21-03	27-23	NOV
# OBS	744	672	740	717	744	718	743	744	713	743	719	744	8741	
POR	MEAN	9.6	9.4	9.8	8.5	7.6	5.7	5.3	5.6	6.6	9.1	9.8	9.4	8.1
	MAXIMUM	32.5	38.1	34.0	29.9	28.0	31.5	37.9	37.9	50.9	36.7	37.3	36.7	50.9
	YEAR	2001	1998	2001	1997	2001	2001	2001	1992	1999	1994	1998	1994	SEP/1999
	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	2000	2000	2001	2000	2001	2001	2001	2000	2001	2001	1999	NOV/2001
	# OBS	11111	10309	11704	10591	11585	11272	10968	11682	10993	11492	12048	12388	136143

STATION: SPGF1 -- POR (10/1985 - 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
1985	MEAN	-	-	-	-	-	-	-	-	-	10.8	12.4	12.0	12.0
	MAXIMUM	-	-	-	-	-	-	-	-	-	25.1	32.1	33.0	33.0
	DAY-HR	-	-	-	-	-	-	-	-	-	27-02	18-22	26-09	DEC
	# OBS	-	-	-	-	-	-	-	-	-	192	717	681	1590
1986	MEAN	12.7	9.9	14.0	8.7	9.9	5.6	5.2	6.9	5.4	9.2	9.7	10.4	8.9
	MAXIMUM	35.0	30.1	36.2	25.1	27.0	24.1	21.0	20.0	15.0	30.1	31.1	28.0	36.2
	DAY-HR	09-04	26-03	22-19	17-08	10-12	04-17	03-21	07-05	05-05	19-07	15-03	06-14	MAR
	# OBS	374	358	740	719	740	717	741	741	334	560	713	739	7476
1987	MEAN	12.2	10.9	12.0	9.3	11.0	7.7	5.8	7.7	4.8	13.0	13.6	11.4	10.0
	MAXIMUM	31.1	30.1	28.0	26.0	25.1	22.0	27.0	24.1	22.2	34.2	38.7	30.9	38.7
	DAY-HR	23-05	09-08	07-00	01-01	30-14	08-12	14-00	26-23	26-15	11-01	02-04	29-18	NOV
	# OBS	698	603	722	645	741	707	739	519	661	701	679	698	8113
1988	MEAN	12.8	12.0	12.5	9.4	8.9	9.0	7.7	7.1	9.8	10.9	11.6	10.0	10.1
	MAXIMUM	29.5	28.8	29.2	29.4	24.9	26.0	24.9	24.3	23.9	25.1	26.4	25.5	29.5
	DAY-HR	26-04	21-19	19-15	13-10	03-19	12-19	06-21	27-12	13-02	14-10	23-15	13-17	JAN
	# OBS	676	615	669	631	698	673	695	703	707	717	660	637	8081
1989	MEAN	9.2	10.9	10.6	8.7	8.5	7.3	6.8	6.5	8.2	8.2	11.1	11.5	8.9
	MAXIMUM	25.3	35.4	36.9	25.5	20.4	19.1	27.2	28.4	25.7	32.1	24.3	44.5	44.5
	DAY-HR	04-11	24-08	10-07	08-01	30-21	28-21	23-17	20-07	21-15	20-14	30-05	24-09	DEC
	# OBS	622	658	715	708	720	711	727	733	708	737	711	738	8488
1990	MEAN	10.6	13.1	12.6	11.8	9.0	6.9	6.5	5.5	8.7	12.5	12.4	12.2	10.2
	MAXIMUM	28.6	29.9	32.1	31.5	22.9	19.4	23.7	21.4	23.3	34.2	29.0	29.5	34.2
	DAY-HR	02-01	24-09	08-09	20-00	07-11	24-00	05-04	06-16	28-03	09-17	30-20	09-02	OCT
	# OBS	701	670	735	705	742	710	474	744	717	741	708	727	8374
1991	MEAN	11.5	13.4	12.5	11.2	10.7	7.6	6.6	6.9	8.0	11.2	11.9	10.9	10.2
	MAXIMUM	26.4	37.7	37.3	30.3	28.0	40.0	32.3	24.1	29.2	27.2	29.0	33.0	40.0
	DAY-HR	26-08	16-03	10-13	03-23	20-16	05-00	02-22	17-09	30-03	24-04	09-14	20-04	JUN
	# OBS	732	664	742	716	743	715	743	738	718	744	717	744	8716
1992	MEAN	12.2	11.3	11.6	-	10.8	8.2	6.4	7.3	8.7	10.7	12.9	11.3	10.1
	MAXIMUM	36.5	33.2	30.3	-	24.9	26.4	26.8	43.4	23.7	24.9	30.5	29.7	43.4
	DAY-HR	04-15	07-08	25-11	-	18-00	13-03	11-21	24-05	18-00	22-21	10-03	11-09	AUG
	# OBS	739	689	739	-	552	719	742	739	711	738	711	738	7817
1993	MEAN	12.4	12.7	12.4	11.6	11.4	7.9	5.7	7.2	8.7	8.0	11.9	11.8	10.1
	MAXIMUM	37.5	28.2	35.6	27.0	23.3	28.0	23.3	22.4	22.0	36.4	27.6	29.0	37.5
	DAY-HR	27-16	12-13	14-04	22-15	27-18	27-22	31-21	25-16	30-22	26-22	24-19	16-07	JAN
	# OBS	741	669	733	717	744	716	741	742	718	741	715	741	8718
1994	MEAN	14.2	12.1	12.5	11.7	8.0	6.1	6.9	7.2	6.9	9.4	12.8	12.4	10.3
	MAXIMUM	31.7	37.5	35.8	28.6	20.0	21.8	17.7	36.2	20.4	45.1	38.9	45.3	45.3
	DAY-HR	14-15	18-21	03-16	09-12	20-16	22-23	31-18	28-20	12-21	31-05	14-13	21-23	DEC
	# OBS	743	655	743	720	737	584	266	740	712	736	708	743	8087
1995	MEAN	11.8	12.9	13.3	10.2	7.7	8.8	7.7	8.5	6.7	10.4	10.9	12.0	10.1
	MAXIMUM	29.7	38.3	30.9	26.8	20.4	27.4	32.1	46.7	21.4	25.5	23.7	28.0	46.7
	DAY-HR	14-22	04-19	10-08	25-23	12-05	21-06	11-02	01-22	11-18	16-22	10-21	20-13	AUG
	# OBS	741	670	739	716	736	714	741	741	714	742	713	724	8691
1996	MEAN	13.2	10.6	13.7	10.5	9.0	8.5	9.3	7.6	8.7	12.1	14.0	11.1	10.7
	MAXIMUM	40.6	37.7	41.6	28.4	31.1	31.9	26.6	23.7	25.9	28.2	32.3	29.4	41.6
	DAY-HR	08-11	17-04	12-00	02-07	29-23	21-22	10-23	20-22	04-21	12-12	15-22	19-22	MAR

	# OBS	738	690	739	734	739	716	827	789	717	736	694	740	8859
1997	MEAN	10.8	11.1	11.5	13.5	9.9	7.6	6.6	6.3	9.6	12.3	12.5	13.1	10.4
	MAXIMUM	34.0	28.2	30.3	35.4	28.8	31.3	21.8	19.8	27.6	25.1	36.0	41.4	41.4
	DAY-HR	10-07	18-12	22-13	18-06	28-21	15-00	19-18	09-03	05-14	19-14	02-17	30-12	DEC
	# OBS	741	657	740	707	733	713	729	734	714	735	698	739	8640
1998	MEAN	14.8	16.9	15.2	13.4	10.1	9.1	8.3	8.4	10.6	12.1	10.8	12.6	11.8
	MAXIMUM	33.8	42.4	31.5	31.5	27.6	24.1	22.6	24.1	28.6	30.7	43.5	27.4	43.5
	DAY-HR	28-10	04-12	20-07	12-00	05-00	26-22	14-21	21-00	25-10	23-07	05-18	30-10	NOV
	# OBS	592	664	715	685	708	690	731	782	713	733	714	739	8466
1999	MEAN	12.4	12.8	12.6	10.0	9.6	9.5	8.1	9.8	11.7	15.5	14.6	12.1	11.4
	MAXIMUM	27.6	32.3	34.2	26.6	29.9	25.9	19.8	37.9	59.5	42.4	29.0	29.2	59.5
	DAY-HR	24-16	22-02	03-20	17-20	01-15	07-18	07-16	28-23	14-20	16-11	30-21	28-18	SEP
	# OBS	739	655	707	720	742	718	742	739	714	444	716	741	8377
2000	MEAN	13.7	12.2	12.8	12.7	11.1	9.4	9.5	10.9	8.9	14.1	11.9	14.8	11.9
	MAXIMUM	35.4	25.7	32.7	29.2	23.3	26.0	31.3	38.9	26.6	33.8	29.5	41.0	41.0
	DAY-HR	14-20	09-20	27-23	05-07	17-23	08-02	16-09	14-22	18-03	09-20	25-18	29-01	DEC
	# OBS	741	691	744	708	737	720	574	744	719	736	718	743	8575
2001	MEAN	14.3	12.0	15.8	14.0	13.2	7.9	10.2	7.4	10.6	14.9	14.0	13.5	12.3
	MAXIMUM	36.4	27.4	38.7	30.3	31.5	35.0	41.8	36.9	37.1	39.5	40.2	30.9	41.8
	DAY-HR	23-03	19-00	06-01	01-07	23-22	24-23	22-21	02-03	15-13	08-22	05-11	26-21	JUL
	# OBS	744	672	740	717	744	718	743	744	711	743	719	744	8739
POR	MEAN	12.4	12.3	12.9	11.1	9.9	8.0	7.4	7.6	8.6	11.4	12.3	12.0	10.5
	MAXIMUM	40.6	42.4	41.6	35.4	31.5	40.0	41.8	46.7	59.5	45.1	43.5	45.3	59.5
	YEAR	1996	1998	1996	1997	2001	1991	2001	1995	1999	1994	1998	1994	SEP/1999
	# OBS	11062	10280	11662	10548	11556	11241	10955	11672	10988	11476	12011	12356	135807

STATION: SPGF1 -- POR (6/1989 - 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
1989	MEAN	-	-	-	-	-	10.3	9.7	9.2	10.7	10.8	13.3	14.2	11.2
	MAXIMUM	-	-	-	-	-	31.1	31.7	40.4	26.4	34.0	31.5	44.9	44.9
	DAY-HR	-	-	-	-	-	07-09	24-10	20-00	21-15	20-15	03-04	24-10	DEC
	MINIMUM	-	-	-	-	-	0.0	1.7	0.0	1.0	0.0	1.9	2.1	0.0
	DAY-HR	-	-	-	-	-	25-08	28-11	27-12	22-12	12-11	29-20	19-09	OCT
	# OBS	-	-	-	-	-	685	708	723	702	734	710	727	4989
1990	MEAN	13.0	16.0	15.1	14.2	11.5	9.4	8.9	8.1	11.1	14.8	14.5	14.5	12.7
	MAXIMUM	32.3	36.2	46.5	31.5	26.8	26.0	28.8	21.4	24.7	36.4	32.3	32.1	46.5
	DAY-HR	26-17	24-09	04-00	20-00	07-13	24-00	05-04	06-16	28-14	09-17	30-22	09-02	MAR
	MINIMUM	1.7	2.1	2.1	1.9	0.0	1.6	1.9	1.9	1.4	1.7	2.3	2.3	0.0
	DAY-HR	09-10	18-00	27-12	18-11	02-08	03-01	30-03	06-03	26-10	14-09	21-12	12-05	MAY
	# OBS	699	668	730	695	736	699	466	744	717	738	696	693	8281
1991	MEAN	14.0	16.2	15.9	14.1	13.4	10.1	9.3	9.7	10.4	13.6	14.0	13.1	12.8
	MAXIMUM	28.0	44.3	38.5	39.3	28.0	41.2	40.4	36.9	36.4	30.9	31.7	36.2	44.3
	DAY-HR	26-08	16-01	10-09	26-01	20-16	05-01	02-22	29-23	30-23	25-06	09-14	20-01	FEB
	MINIMUM	3.5	2.7	3.3	2.9	3.1	1.7	1.0	1.2	1.0	3.1	2.3	1.9	1.0
	DAY-HR	23-13	26-07	25-05	25-21	30-10	24-06	23-09	31-11	21-01	31-14	04-01	15-00	SEP
	# OBS	706	655	737	714	742	714	743	738	717	744	716	743	8669
1992	MEAN	14.8	14.2	14.4	-	13.2	11.2	8.8	10.0	11.6	12.9	15.5	13.5	12.7
	MAXIMUM	38.1	36.9	31.5	-	24.9	34.8	30.1	46.9	34.2	27.4	35.0	31.9	46.9
	DAY-HR	04-15	07-07	25-09	-	18-00	30-03	18-21	24-05	30-04	01-12	10-04	11-10	AUG
	MINIMUM	2.5	3.1	2.1	-	2.3	2.5	1.4	1.6	2.1	1.7	2.1	1.2	1.2
	DAY-HR	03-04	20-10	02-05	-	25-06	16-19	04-04	01-01	12-08	18-05	28-04	13-10	DEC
	# OBS	739	689	738	-	552	719	742	739	711	736	702	734	7801
1993	MEAN	15.5	15.7	15.7	14.5	13.9	10.5	8.1	9.9	11.3	10.7	14.1	14.5	12.8
	MAXIMUM	43.7	29.9	41.6	29.2	25.9	42.4	31.1	30.3	28.6	36.4	28.2	35.2	43.7
	DAY-HR	27-16	13-04	14-00	10-09	22-21	29-02	13-22	10-04	21-03	26-23	22-07	23-18	JAN
	MINIMUM	3.7	4.3	1.9	2.1	1.9	1.4	1.9	1.4	1.9	1.6	2.7	2.9	1.4
	DAY-HR	31-23	01-06	10-09	12-06	17-12	02-11	16-02	18-12	12-11	13-02	26-08	30-07	AUG
	# OBS	741	669	731	715	742	714	737	740	717	738	715	741	8700
1996	MEAN	15.7	13.4	17.1	13.3	11.9	11.3	12.0	10.2	11.5	14.7	16.7	13.7	13.4
	MAXIMUM	44.5	44.9	65.9	35.0	39.3	36.0	29.0	33.0	34.2	33.2	37.1	33.0	65.9
	DAY-HR	08-15	17-05	11-16	01-21	30-20	21-22	10-21	08-12	22-03	08-16	15-23	08-04	MAR
	MINIMUM	4.5	1.7	3.5	2.7	1.6	1.6	1.9	1.6	1.6	2.9	2.9	1.6	1.6
	DAY-HR	22-00	25-10	30-12	06-02	02-01	29-08	02-01	28-11	14-02	10-07	20-07	17-09	DEC
	# OBS	714	714	739	734	739	716	803	789	716	736	694	740	8834

TOTAL %	0.6	4.5	6.0	10.8	18.1	12.5	9.8	9.4	8.3	3.8	2.2	7.6	6.3	100.0	
TOTAL N	66	462	618	1112	1869	1284	1013	969	860	391	228	784	653		10309

(* < 0.05%)

STATION: SPGF1

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

Month: MAR

WIND SPEED	CALM	WIND DIRECTION												TOT %	TOT N
		35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
0	0.4	*	*	-	-	*	-	*	*	*	*	-	-	0.5	56
1 - 3		0.2	0.4	0.5	0.3	0.7	2.2	1.6	1.7	0.8	0.6	0.6	0.3	10.0	1176
4 - 6		0.5	1.2	2.0	1.9	2.3	5.1	3.3	3.9	1.3	0.2	1.1	0.5	23.4	2740
7 - 10		1.0	1.9	2.9	3.8	3.6	3.1	3.4	2.9	1.2	0.3	1.5	1.1	26.7	3125
11 - 15		1.3	1.9	3.6	4.9	4.2	0.5	1.1	0.8	0.6	0.4	1.7	1.7	22.7	2662
16 - 20		0.7	0.8	1.7	3.2	1.6	*	0.5	0.6	0.2	0.5	1.5	1.0	12.2	1433
21 - 24		0.1	0.3	0.3	0.6	0.2	-	0.1	0.1	0.1	0.3	0.7	0.5	3.3	386
25 - 33		*	*	0.1	*	*	-	*	0.1	0.1	0.1	0.4	0.2	1.1	125
34 - 47		-	-	-	-	-	-	-	-	-	*	-	-	0.0	1
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.4	3.9	6.6	11.0	14.8	12.8	11.0	10.2	10.1	4.3	2.4	7.5	5.3	100.0	
TOTAL N	42	451	768	1288	1737	1498	1284	1188	1177	498	284	873	616		11704

(* < 0.05%)

STATION: SPGF1

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	1.6	*	*	*	*	*	*	*	*	*	*	*	-	1.9	198
1 - 3		0.6	0.9	1.0	0.7	0.9	2.9	2.4	2.0	1.2	0.7	1.0	0.7	14.9	1574
4 - 6		0.7	1.4	1.8	1.6	3.3	6.1	3.5	3.2	2.2	0.3	1.5	0.9	26.5	2804
7 - 10		1.3	1.9	2.9	3.4	4.4	2.9	2.4	2.1	1.0	0.3	1.6	1.3	25.5	2704
11 - 15		0.9	1.0	2.4	4.5	4.3	0.5	0.9	0.7	0.5	0.4	1.4	1.3	18.8	1988
16 - 20		0.4	0.5	2.0	2.5	1.5	-	0.2	0.5	0.2	0.4	1.0	1.0	10.2	1082
21 - 24		0.2	0.1	0.3	0.5	0.2	-	*	0.2	*	*	0.4	0.2	2.0	213
25 - 33		*	*	*	0.1	-	-	-	-	-	*	0.1	*	0.3	28
34 - 47		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48		-	*	-	-	-	-	-	-	-	-	-	-	0.0	1
TOTAL %	1.6	4.2	5.9	10.3	13.3	14.5	12.3	9.4	8.7	5.2	2.1	7.0	5.4	100.0	
TOTAL N	172	442	624	1094	1414	1539	1306	995	923	553	224	739	567		10592

(* < 0.05%)

STATION: SPGF1

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	1.1	*	*	*	*	*	*	0.1	*	*	*	*	*	1.4	163
1 - 3		0.6	0.8	0.8	0.7	1.1	5.0	4.0	2.6	1.5	0.7	1.1	0.8	19.6	2272
4 - 6		0.7	0.9	1.7	2.2	3.2	7.7	4.4	3.7	2.1	0.5	1.2	0.9	29.2	3380
7 - 10		0.8	0.9	2.5	4.4	5.9	2.3	2.2	1.9	1.0	0.3	0.8	0.9	23.9	2774
11 - 15		0.4	0.6	3.1	6.1	5.5	0.3	0.4	0.7	0.4	0.3	0.3	0.6	18.8	2175
16 - 20		0.2	0.6	1.4	1.8	1.1	*	*	0.3	0.1	0.1	0.1	0.1	5.8	677
21 - 24		-	0.2	0.5	0.1	0.1	-	-	0.2	0.1	0.1	-	*	1.2	134
25 - 33		-	-	0.1	*	-	-	-	*	-	*	-	*	0.1	10
34 - 47		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	1.1	2.7	3.9	10.1	15.4	17.0	15.4	11.0	9.4	5.2	2.0	3.5	3.3	100.0	
TOTAL N	123	317	454	1170	1782	1966	1784	1280	1084	603	232	405	385		11585

(* < 0.05%)

STATION: SPGF1

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	2.1	0.1	*	*	*	0.1	*	0.1	0.1	0.1	*	*	*	2.7	303
1 - 3		0.8	0.9	0.7	0.8	1.6	7.2	6.7	4.6	2.5	1.3	1.8	1.2	29.9	3366
4 - 6		0.5	0.9	1.3	2.1	4.8	8.9	6.0	5.6	3.1	0.5	1.8	0.9	36.2	4076
7 - 10		0.3	0.5	1.7	3.1	3.9	1.6	2.5	2.7	1.2	0.2	0.9	0.6	19.1	2150
11 - 15		0.1	0.2	1.5	3.9	1.5	0.1	0.4	0.6	0.4	0.2	0.4	0.1	9.3	1047
16 - 20		*	0.1	0.6	1.4	0.4	*	*	0.1	*	*	0.1	*	2.7	305
21 - 24		-	-	0.1	*	*	-	-	*	-	-	*	*	0.2	19

25 - 33	-	-	-	*	-	-	-	-	-	-	*	*	0.1	6
34 - 47	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	2.1	1.7	2.4	5.9	11.3	12.2	17.8	15.6	13.6	7.3	2.3	5.0	2.9	100.0
TOTAL N	233	189	271	662	1278	1380	2005	1760	1535	821	254	561	323	11272

(* < 0.05%)

STATION: SPGF1

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	3.4	0.1	*	0.1	*	*	0.1	0.1	0.1	0.1	*	0.1	*	4.2	460
1 - 3		0.5	0.8	0.8	0.9	1.9	7.7	6.9	5.4	2.9	1.5	1.9	1.1	32.4	3549
4 - 6		0.4	0.5	0.9	1.8	5.3	9.3	6.0	5.0	3.4	0.5	1.6	1.0	35.8	3926
7 - 10		0.2	0.4	1.1	2.7	4.4	1.6	2.2	1.8	1.3	0.4	0.8	0.7	17.5	1919
11 - 15		0.1	0.1	0.4	2.0	1.8	0.1	0.4	1.3	1.0	0.3	0.3	0.3	8.1	883
16 - 20		*	*	0.1	0.5	0.2	-	0.1	0.4	0.4	0.1	*	0.1	1.8	199
21 - 24		*	*	-	*	*	-	*	*	*	*	*	*	0.2	23
25 - 33		-	-	-	*	-	-	*	*	-	-	-	*	0.1	8
34 - 47		-	-	-	-	-	-	-	-	-	-	-	-	0.0	1
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	3.4	1.4	2.0	3.5	7.9	13.5	18.8	15.6	14.1	9.1	2.9	4.7	3.2	100.0	
TOTAL N	377	151	218	379	866	1484	2058	1707	1549	998	316	515	350	10968	

(* < 0.05%)

STATION: SPGF1

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	1.5	0.1	*	0.1	*	*	0.1	0.1	0.1	0.1	*	*	*	2.2	257
1 - 3		0.8	0.9	1.3	1.2	2.3	8.7	6.5	4.8	2.6	1.0	1.5	1.1	32.6	3804
4 - 6		0.8	0.8	1.9	2.9	5.3	8.7	4.2	3.8	2.9	0.5	1.5	1.3	34.7	4056
7 - 10		0.5	0.6	1.8	4.4	5.4	1.4	1.7	1.3	0.8	0.3	0.7	0.6	19.6	2295
11 - 15		0.2	0.4	1.2	2.0	2.1	0.1	0.3	0.6	0.3	0.3	0.2	0.2	8.1	946
16 - 20		0.1	0.2	0.3	0.5	0.2	0.1	0.1	0.2	0.2	0.1	0.1	0.1	2.1	243
21 - 24		0.1	*	0.1	*	*	-	*	*	0.1	*	-	*	0.3	40
25 - 33		0.1	*	*	*	*	-	-	*	-	*	0.1	*	0.3	38
34 - 47		-	*	-	-	*	-	-	-	-	-	-	*	0.0	3
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	1.5	2.7	3.0	6.6	11.1	15.4	19.1	12.9	10.9	7.0	2.3	4.1	3.4	100.0	
TOTAL N	171	311	353	773	1300	1799	2228	1512	1274	818	263	479	401	11682	

(* < 0.05%)

STATION: SPGF1

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	1.6	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.1	0.1	0.1	0.1	*	2.7	302
1 - 3		0.7	1.1	1.3	1.4	2.1	7.0	4.4	2.8	1.4	0.9	1.1	0.7	24.8	2726
4 - 6		0.7	1.4	2.6	4.0	6.5	6.5	3.0	2.2	1.1	0.4	1.2	0.9	30.5	3349
7 - 10		0.4	1.0	3.1	6.3	7.4	1.6	1.7	1.1	0.6	0.3	0.6	0.7	24.8	2731
11 - 15		0.2	0.7	1.7	4.9	3.6	0.2	0.4	0.4	0.2	0.1	0.3	0.1	12.8	1405
16 - 20		0.1	0.3	0.4	1.2	0.6	-	0.1	0.1	0.1	*	0.2	0.1	3.1	342
21 - 24		*	0.1	0.1	0.2	*	-	*	*	*	*	*	*	0.6	63
25 - 33		*	0.1	-	*	-	-	*	0.1	0.2	*	-	-	0.5	53
34 - 47		*	*	-	-	-	-	-	-	0.1	*	*	*	0.2	19
> 48		*	-	-	-	-	-	-	-	-	-	-	*	0.0	3
TOTAL %	1.6	2.2	4.8	9.2	18.1	20.3	15.5	9.8	6.8	3.8	1.8	3.6	2.7	100.0	
TOTAL N	171	246	532	1009	1987	2230	1699	1075	747	415	194	391	297	10993	

(* < 0.05%)

STATION: SPGF1

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	0.9	*	*	*	*	*	*	0.2	0.1	*	*	*	-	1.5	172
1 - 3		0.4	0.9	1.2	1.0	1.4	4.0	2.1	1.6	0.9	0.8	1.1	0.6	16.2	1856
4 - 6		0.6	1.8	3.0	3.3	3.0	3.4	1.8	1.7	0.8	0.2	0.9	0.9	21.3	2450

7 - 10	1.3	2.3	5.3	6.1	4.1	0.9	1.1	1.1	0.4	0.1	0.7	0.9	24.4	2803
11 - 15	1.0	2.0	6.1	7.8	2.4	0.1	0.2	0.5	0.3	0.1	0.5	0.5	21.6	2484
16 - 20	0.4	2.0	3.7	4.1	0.7	*	*	0.2	0.1	*	0.2	0.3	11.8	1355
21 - 24	0.1	0.9	0.5	0.4	0.1	*	*	0.1	*	-	*	*	2.2	254
25 - 33	0.1	0.3	0.3	0.1	-	-	*	0.1	*	-	*	*	1.0	112
34 - 47	*	-	*	*	-	-	*	*	-	-	-	-	0.1	6
> 48	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.9	4.1	10.2	20.2	22.9	11.7	8.5	5.4	5.4	2.6	1.2	3.6	3.3	100.0
TOTAL N	108	467	1176	2322	2636	1349	972	615	620	299	133	412	383	11492

(* < 0.05%)

STATION: SPGF1

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	0.5	*	*	*	*	-	*	*	*	*	*	*	*	0.7	83
1 - 3		0.2	0.6	0.8	0.8	1.3	2.5	1.1	1.0	0.5	0.3	0.3	0.2	9.6	1152
4 - 6		0.4	1.7	2.5	3.0	3.3	2.7	1.5	1.6	0.5	0.1	0.5	0.3	18.2	2190
7 - 10		1.1	3.8	5.7	8.9	4.4	1.1	0.9	0.9	0.5	0.1	0.9	0.7	29.0	3493
11 - 15		1.5	3.3	6.5	10.0	4.7	0.2	0.3	0.4	0.2	0.1	1.1	1.4	29.9	3598
16 - 20		0.7	1.7	2.7	2.5	1.0	*	0.1	0.1	0.1	0.1	0.5	0.7	10.3	1238
21 - 24		0.2	0.1	0.5	0.5	0.1	-	*	*	*	0.1	0.2	0.1	1.9	231
25 - 33		*	0.1	0.1	0.1	*	-	*	*	-	-	*	*	0.5	59
34 - 47		-	*	*	-	-	-	-	-	-	-	-	*	0.0	4
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.5	4.2	11.3	18.9	25.9	14.8	6.6	3.9	4.1	1.9	0.8	3.6	3.6	100.0	
TOTAL N	61	505	1367	2273	3119	1784	793	472	488	229	93	429	435		12048

(* < 0.05%)

STATION: SPGF1

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	0.9	*	*	-	*	*	*	*	*	-	*	*	-	1.0	129
1 - 3		0.2	0.4	0.9	1.1	1.2	2.2	1.0	1.0	0.6	0.4	0.6	0.3	9.8	1217
4 - 6		0.5	1.5	3.2	4.2	4.4	2.2	1.9	2.0	0.6	0.2	0.7	0.5	22.0	2730
7 - 10		1.3	2.4	5.1	8.7	5.4	0.9	1.4	1.8	0.4	0.1	1.3	1.5	30.4	3761
11 - 15		1.5	2.7	4.7	7.0	3.2	0.1	0.5	0.3	0.2	0.3	1.6	2.2	24.2	3001
16 - 20		1.0	1.1	1.5	1.3	0.5	-	0.2	0.1	0.2	0.2	1.3	1.6	9.1	1122
21 - 24		0.1	0.2	0.3	0.1	*	-	*	*	0.1	0.1	0.7	0.7	2.4	303
25 - 33		*	*	0.1	0.1	*	-	-	*	*	*	0.4	0.2	1.0	119
34 - 47		-	*	-	-	-	-	-	*	-	*	-	*	0.0	6
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.9	4.6	8.5	15.8	22.5	14.8	5.4	5.0	5.2	2.2	1.3	6.7	7.1	100.0	
TOTAL N	107	574	1048	1952	2793	1832	675	624	642	269	167	827	878		12388

(* < 0.05%)

STATION: SPGF1

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

All Months: Annual

WIND SPEED	CALM	WIND DIRECTION												TOT %	TOT N
		35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
0	1.2	*	*	*	*	*	0.1	0.1	0.1	*	*	*	*	1.7	2297
1 - 3		0.4	0.7	0.9	0.9	1.4	4.5	3.4	2.5	1.4	0.7	1.0	0.6	18.4	25081
4 - 6		0.6	1.2	2.1	2.7	4.0	5.6	3.4	3.3	1.7	0.3	1.1	0.8	26.9	36621
7 - 10		0.9	1.7	3.3	5.5	4.8	1.7	2.0	1.9	0.8	0.2	1.0	1.0	24.8	33726
11 - 15		0.9	1.4	3.2	5.5	3.3	0.2	0.6	0.6	0.4	0.3	0.9	1.1	18.4	24990
16 - 20		0.5	0.7	1.5	2.0	0.8	*	0.2	0.2	0.2	0.2	0.6	0.7	7.5	10257
21 - 24		0.1	0.2	0.3	0.3	0.1	*	*	0.1	0.1	0.1	0.3	0.2	1.7	2291
25 - 33		*	0.1	0.1	0.1	*	-	*	*	*	0.1	0.2	0.1	0.6	829
34 - 47		*	*	*	*	*	-	*	*	*	*	*	*	0.0	48
> 48		*	*	-	-	-	-	-	-	-	-	-	*	0.0	4
TOTAL %	1.2	3.4	6.0	11.3	16.9	14.4	12.2	9.6	8.7	4.6	1.9	5.2	4.5	100.0	
TOTAL N	1701	4617	8229	15377	23008	19662	16588	13024	11848	6231	2593	7108	6158		136144

(* < 0.05%)

STATION: SPGF1

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

Months: DEC, JAN, FEB (Winter)

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	0.7	*	*	*	*	*	0.1	*	*	*	*	*	-	0.9	303
1 - 3		0.2	0.4	0.7	0.9	1.1	2.4	1.6	1.4	0.7	0.4	0.6	0.3	10.7	3606
4 - 6		0.5	1.4	2.4	3.4	3.8	3.2	2.5	2.8	0.9	0.2	0.9	0.6	22.6	7650
7 - 10		1.2	2.2	4.2	7.3	4.8	1.4	1.9	2.4	0.6	0.1	1.3	1.3	28.8	9732
11 - 15		1.6	2.0	3.9	6.4	3.3	0.2	0.8	0.5	0.3	0.3	1.5	2.2	23.1	7802
16 - 20		1.0	0.9	1.5	1.9	0.7	-	0.3	0.1	0.2	0.2	1.4	1.8	10.0	3383
21 - 24		0.1	0.2	0.3	0.4	*	-	*	*	0.1	0.2	0.7	0.7	2.7	928
25 - 33		*	*	*	0.1	*	-	*	*	0.1	0.2	0.4	0.2	1.2	390
34 - 47		-	*	-	-	-	-	-	*	*	*	*	*	0.0	14
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.7	4.5	7.3	13.0	20.4	13.7	7.3	7.2	7.2	2.9	1.8	6.8	7.1	100.0	
TOTAL N	243	1538	2466	4407	6889	4633	2459	2420	2451	997	600	2304	2401		33808

(* < 0.05%)

STATION: SPGF1

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	1.0	*	*	*	*	*	*	*	*	*	*	*	*	1.2	417
1 - 3		0.5	0.7	0.8	0.6	0.9	3.4	2.7	2.1	1.2	0.6	0.9	0.6	14.8	5022
4 - 6		0.6	1.2	1.8	1.9	2.9	6.3	3.7	3.6	1.9	0.3	1.2	0.7	26.3	8924
7 - 10		1.0	1.6	2.8	3.9	4.7	2.8	2.7	2.3	1.1	0.3	1.3	1.1	25.4	8603
11 - 15		0.9	1.2	3.0	5.2	4.7	0.4	0.8	0.7	0.5	0.4	1.1	1.2	20.1	6825
16 - 20		0.4	0.6	1.7	2.5	1.4	*	0.2	0.5	0.2	0.3	0.9	0.7	9.4	3192
21 - 24		0.1	0.2	0.4	0.4	0.2	-	*	0.1	0.1	0.2	0.3	0.2	2.2	733
25 - 33		*	*	*	*	*	-	*	*	*	0.1	0.2	0.1	0.5	163
34 - 47		-	-	-	-	-	-	-	-	-	*	-	-	0.0	1
> 48		-	*	-	-	-	-	-	-	-	-	-	-	0.0	1
TOTAL %	1.0	3.6	5.4	10.5	14.6	14.8	12.9	10.2	9.4	4.9	2.2	6.0	4.6	100.0	
TOTAL N	337	1210	1846	3552	4933	5003	4374	3463	3184	1654	740	2017	1568		33881

(* < 0.05%)

STATION: SPGF1

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	2.3	0.1	*	0.1	*	0.1	0.1	0.1	0.1	0.1	*	*	*	3.0	1020
1 - 3		0.7	0.9	1.0	1.0	1.9	7.9	6.7	4.9	2.6	1.3	1.7	1.1	31.6	10719
4 - 6		0.6	0.7	1.4	2.3	5.1	8.9	5.4	4.8	3.1	0.5	1.6	1.1	35.5	12058
7 - 10		0.3	0.5	1.5	3.4	4.6	1.5	2.1	1.9	1.1	0.3	0.8	0.6	18.8	6364
11 - 15		0.1	0.3	1.1	2.6	1.8	0.1	0.3	0.8	0.6	0.3	0.3	0.2	8.5	2876
16 - 20		0.1	0.1	0.3	0.8	0.3	*	0.1	0.2	0.2	0.1	0.1	0.1	2.2	747
21 - 24		*	*	*	*	*	-	*	*	*	*	*	*	0.2	82
25 - 33		*	*	*	*	*	-	*	*	-	*	*	*	0.2	52
34 - 47		-	*	-	-	*	-	-	-	*	-	-	*	0.0	4
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	2.3	1.9	2.5	5.3	10.2	13.7	18.5	14.7	12.8	7.8	2.5	4.6	3.2	100.0	
TOTAL N	781	651	842	1814	3444	4663	6291	4979	4358	2637	833	1555	1074		33922

(* < 0.05%)

STATION: SPGF1

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	1.0	*	*	*	*	*	0.1	0.1	0.1	0.1	*	*	*	1.6	557
1 - 3		0.4	0.9	1.1	1.1	1.6	4.4	2.5	1.8	0.9	0.6	0.8	0.5	16.6	5734
4 - 6		0.6	1.6	2.7	3.4	4.2	4.1	2.1	1.8	0.8	0.2	0.8	0.7	23.1	7989
7 - 10		0.9	2.4	4.7	7.2	5.2	1.2	1.2	1.1	0.5	0.1	0.8	0.8	26.1	9027
11 - 15		0.9	2.0	4.9	7.6	3.6	0.2	0.3	0.4	0.2	0.1	0.7	0.7	21.7	7487
16 - 20		0.4	1.4	2.3	2.6	0.8	*	0.1	0.1	0.1	*	0.3	0.4	8.5	2935
21 - 24		0.1	0.4	0.4	0.4	0.1	*	*	*	*	*	0.1	0.1	1.6	548
25 - 33		0.1	0.2	0.1	0.1	*	-	*	0.1	0.1	*	*	*	0.6	224
34 - 47		*	*	*	*	-	-	*	*	*	*	*	*	0.1	29
> 48		*	-	-	-	-	-	-	-	-	-	-	*	0.0	3
TOTAL %	1.0	3.5	8.9	16.2	22.4	15.5	10.0	6.3	5.4	2.7	1.2	3.6	3.2	100.0	
TOTAL N	340	1218	3075	5604	7742	5363	3464	2162	1855	943	420	1232	1115		34533

(* < 0.05%)