

ELEMENT: AIR TEMPERATURE (DEGREES C)

YEAR	ELEMENT	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1984	MEAN	7.1	7.1	8.2	8.7	10.1	11.4	13.0	13.4	12.3	9.2	6.9	3.6	9.5
	MAXIMUM	9.8	12.7	12.3	15.1	17.3	17.3	22.9	20.3	19.3	18.7	10.9	8.8	22.9
	DAY-HR	27-21	08-03	20-23	14-18	07-23	26-23	23-23	16-20	16-22	08-04	23-05	07-23	JUL
	MINIMUM	3.1	3.6	4.5	5.2	7.0	9.0	9.3	9.9	7.4	-1.0	2.9	-3.2	-3.2
	DAY-HR	31-12	17-15	03-15	04-14	05-15	04-10	03-10	30-12	22-17	31-15	27-09	30-07	DEC
	# OBS	147	692	733	707	737	717	725	739	712	711	393	736	7749
1985	MEAN	4.3	4.8	6.4	8.2	10.0	12.0	13.5	13.8	12.2	10.1	2.7	4.1	8.5
	MAXIMUM	8.1	10.2	11.3	15.0	18.9	21.0	23.6	22.4	19.4	15.0	12.3	11.0	23.6
	DAY-HR	19-21	14-19	31-21	01-23	22-22	19-00	19-23	16-22	10-22	15-23	02-04	04-21	JUL
	MINIMUM	-1.6	-1.5	2.9	3.6	5.9	8.8	8.2	9.5	7.1	4.5	-9.4	-5.3	-9.4
	DAY-HR	01-10	03-16	25-14	20-13	12-12	09-12	04-13	27-13	22-14	29-15	27-17	01-16	NOV
	# OBS	740	661	732	710	515	719	740	722	720	740	718	741	8458
1986	MEAN	7.5	5.6	8.3	8.2	10.3	12.5	12.3	14.6	12.6	10.3	7.7	6.8	9.4
	MAXIMUM	13.8	13.2	13.5	14.7	20.6	21.8	18.6	22.5	26.7	17.1	11.8	11.0	26.7
	DAY-HR	10-21	24-20	10-23	07-22	31-02	14-00	08-22	22-00	06-21	24-21	06-01	22-06	SEP
	MINIMUM	3.1	-3.1	4.5	4.3	6.8	8.9	9.0	10.1	8.2	5.1	1.1	2.2	-3.1
	DAY-HR	04-13	19-15	14-14	30-13	13-16	10-14	04-06	22-13	24-13	22-15	10-12	07-11	FEB
	# OBS	743	666	734	717	737	712	644	263	703	711	668	718	8016
1987	MEAN	5.8	7.9	8.6	9.7	11.3	12.2	13.1	13.5	12.7	11.0	9.0	5.5	10.0
	MAXIMUM	13.4	13.8	15.1	15.3	18.6	22.3	21.8	22.5	21.5	17.8	14.0	11.4	22.5
	DAY-HR	11-21	05-23	04-23	27-22	09-02	29-22	19-00	31-22	01-01	03-23	20-21	06-15	AUG
	MINIMUM	0.1	3.2	3.3	5.7	7.6	9.2	9.7	10.1	8.8	6.0	2.8	0.5	0.1
	DAY-HR	15-16	28-23	01-07	11-10	02-08	11-10	15-12	07-13	10-13	23-03	29-13	15-18	JAN
	# OBS	725	659	735	712	585	612	716	742	682	737	719	742	8366
1988	MEAN	5.5	6.6	7.2	8.6	10.5	11.6	12.9	13.4	12.3	10.5	8.1	6.2	9.5
	MAXIMUM	12.6	11.9	11.8	15.1	17.5	17.8	23.5	21.1	21.8	15.5	13.3	12.4	23.5
	DAY-HR	28-11	11-22	19-20	28-22	12-19	14-23	26-00	02-00	03-00	02-00	04-22	01-21	JUL
	MINIMUM	-1.7	-2.3	3.6	3.7	6.1	8.1	9.5	10.0	7.4	5.1	3.5	1.0	-2.3
	DAY-HR	31-13	01-16	11-15	07-11	03-11	02-09	07-12	31-13	22-15	28-15	26-02	26-16	FEB
	# OBS	743	692	743	717	740	720	742	739	717	743	718	739	8753
1989	MEAN	5.4	2.4	6.0	9.4	10.4	12.5	12.9	13.0	13.2	10.3	8.2	6.8	9.2
	MAXIMUM	11.6	10.0	11.9	16.5	16.3	22.6	19.1	19.9	19.7	15.9	13.8	12.1	22.6
	DAY-HR	30-22	23-20	29-23	29-02	05-01	25-01	17-19	20-00	08-01	17-19	09-20	04-06	JUN
	MINIMUM	0.4	-10.7	-2.9	4.2	5.9	8.4	9.6	8.7	8.6	4.2	4.6	1.7	-10.7
	DAY-HR	31-15	01-20	02-14	03-14	18-12	11-13	07-13	29-12	20-13	29-14	15-08	18-10	FEB
	# OBS	744	672	738	717	738	716	742	739	719	744	717	736	8722
1990	MEAN	6.4	4.4	7.3	9.2	10.6	12.1	14.1	14.2	13.1	10.3	8.3	2.7	9.4
	MAXIMUM	10.6	10.7	13.9	14.9	18.2	19.6	23.0	21.7	20.0	15.8	14.9	9.8	23.0
	DAY-HR	05-21	27-23	17-21	16-22	30-20	18-00	22-00	17-21	22-21	24-21	11-22	08-12	JUL
	MINIMUM	1.7	-4.1	2.4	5.7	7.2	8.7	10.2	9.8	9.7	6.7	3.7	-9.1	-9.1
	DAY-HR	31-02	17-15	11-09	06-15	08-11	10-14	28-13	24-14	10-11	11-14	20-14	29-13	DEC
	# OBS	742	670	739	713	742	712	741	740	714	742	717	743	8715
1991	MEAN	4.7	7.8	6.3	8.3	10.4	11.3	12.9	13.0	12.9	10.0	8.4	7.4	9.5
	MAXIMUM	10.4	12.4	10.7	15.2	15.5	20.1	22.6	22.1	20.0	17.2	13.4	11.5	22.6
	DAY-HR	11-18	01-23	18-00	21-01	03-01	19-23	23-21	16-00	18-23	11-20	12-02	27-03	JUL
	MINIMUM	-1.8	4.0	0.9	3.7	7.4	8.4	9.6	10.0	8.2	1.1	3.9	2.8	-1.8
	DAY-HR	05-16	06-13	01-19	10-12	08-16	04-13	31-15	14-11	29-12	28-22	22-15	15-15	JAN
	# OBS	742	672	742	719	744	719	740	739	718	683	718	742	8678
1992	MEAN	7.6	7.7	8.5	10.5	11.7	13.1	13.6	13.7	12.3	11.1	8.3	4.9	10.5
	MAXIMUM	12.9	12.6	10.1	18.9	18.5	23.5	22.2	23.2	17.2	19.1	12.0	9.6	23.5
	DAY-HR	31-21	03-22	01-19	24-21	24-22	22-23	19-00	12-23	30-23	23-21	01-04	22-21	JUN
	MINIMUM	1.4	2.3	8.2	5.2	7.8	10.0	10.7	10.1	8.5	5.4	2.9	-2.6	-2.6
	DAY-HR	07-14	26-16	01-15	08-14	12-13	03-12	12-13	16-14	27-14	15-13	24-14	30-11	DEC
	# OBS	662	682	21	540	740	717	740	741	714	740	709	731	7737
1993	MEAN	3.4	5.4	8.2	9.6	12.0	12.6	12.9	13.7	12.0	10.7	6.4	6.3	9.5
	MAXIMUM	10.0	13.9	12.3	18.1	19.5	18.8	19.2	23.3	18.8	16.7	11.9	11.2	23.3
	DAY-HR	29-21	05-02	22-12	20-23	30-00	30-23	30-22	04-23	07-20	03-00	03-09	10-13	AUG
	MINIMUM	-2.8	-0.5	4.5	6.3	7.7	9.9	9.7	10.3	8.4	6.8	-4.3	1.6	-4.3
	DAY-HR	06-15	17-15	16-15	05-15	07-11	22-11	30-12	18-13	21-14	27-17	23-09	25-15	NOV
	# OBS	731	637	731	718	741	717	738	733	708	740	714	743	8651
1994	MEAN	7.9	5.4	7.8	9.4	11.1	11.8	12.9	13.7	12.6	10.3	6.8	6.0	9.7
	MAXIMUM	12.0	11.8	13.1	15.1	17.2	16.5	23.0	22.3	19.3	17.4	10.3	11.5	23.0
	DAY-HR	22-00	28-20	02-06	19-22	08-00	26-22	20-22	19-21	15-20	01-00	30-07	17-19	JUL
	MINIMUM	4.0	-0.7	2.6	6.7	7.1	9.2	9.9	9.9	8.0	7.0	2.2	-3.1	-3.1
	DAY-HR	31-11	08-12	22-14	04-14	01-11	15-12	27-16	26-14	12-15	29-16	18-12	04-14	DEC
	# OBS	743	649	739	720	739	718	722	733	709	739	715	741	8667
1995	MEAN	6.8	6.9	7.6	9.1	11.2	12.6	13.9	13.0	13.2	10.5	9.2	6.5	10.1
	MAXIMUM	12.8	11.7	14.9	14.2	16.3	24.9	24.7	17.9	20.3	14.6	15.0	11.8	24.9
	DAY-HR	30-23	20-16	09-23	28-23	15-23	30-00	01-01	29-23	15-00	07-22	17-22	13-01	JUN

	MINIMUM	1.8	-1.2	-0.3	4.5	8.0	9.5	10.4	10.3	9.0	5.6	4.0	-1.3	-1.3
	DAY-HR	06-17	14-12	05-11	15-14	12-14	18-13	31-14	27-13	09-17	29-15	01-15	08-14	DEC
	# OBS	738	666	739	708	742	714	744	742	716	742	709	739	8699
1996	MEAN	4.7	5.9	7.5	9.3	10.0	11.8	13.5	13.5	12.1	10.1	6.6	4.4	9.2
	MAXIMUM	11.0	11.9	13.9	16.3	14.5	16.9	25.1	20.7	17.2	16.7	13.4	9.8	25.1
	DAY-HR	11-23	18-01	10-21	15-01	20-21	20-23	14-01	25-22	11-23	10-00	08-21	31-21	JUL
	MINIMUM	-7.2	-1.2	3.0	5.4	5.6	8.4	9.8	10.4	8.3	5.0	-2.4	-4.8	-7.2
	DAY-HR	29-16	03-15	01-13	03-13	08-09	18-10	06-13	01-12	23-14	31-15	19-19	29-07	JAN
	# OBS	732	690	741	734	742	711	827	769	613	654	687	738	8638
1997	MEAN	5.7	6.3	7.1	9.0	11.5	12.4	13.3	14.3	13.5	11.0	9.2	7.1	10.1
	MAXIMUM	11.6	10.3	14.7	16.8	17.0	17.6	19.8	22.4	19.5	16.4	12.5	10.9	22.4
	DAY-HR	30-16	17-06	30-21	26-21	12-21	17-00	05-02	11-01	10-22	16-21	09-21	14-14	AUG
	MINIMUM	-4.0	2.3	1.1	4.7	5.5	9.7	10.4	9.3	9.3	7.7	4.3	1.4	-4.0
	DAY-HR	26-15	06-16	12-14	05-14	02-13	30-16	02-16	20-13	23-14	21-15	12-15	26-10	JAN
	# OBS	741	658	741	710	740	713	729	742	717	736	703	692	8622
1998	MEAN	5.8	8.0	8.2	9.1	10.9	12.0	13.1	13.8	13.0	10.7	8.8	5.5	9.9
	MAXIMUM	11.5	12.8	14.5	14.6	17.9	18.7	21.1	21.0	17.9	17.0	13.0	12.7	21.1
	DAY-HR	29-15	16-23	11-23	30-23	29-22	21-22	26-22	13-23	05-20	05-22	01-21	13-07	JUL
	MINIMUM	-4.0	3.3	2.4	4.5	7.6	9.4	10.2	10.2	8.5	5.9	5.5	-5.8	-5.8
	DAY-HR	11-15	27-13	05-15	12-09	14-12	03-09	10-14	28-13	29-11	30-15	29-13	20-13	DEC
	# OBS	712	663	711	696	705	689	727	783	706	742	720	740	8594
1999	MEAN	6.4	6.3	6.7	8.1	9.5	11.1	12.0	12.7	12.3	10.1	8.5	6.5	9.2
	MAXIMUM	9.8	11.6	11.8	15.1	16.0	20.5	18.9	18.4	19.1	16.0	13.4	12.1	20.5
	DAY-HR	14-20	12-22	22-19	16-00	24-00	12-22	10-01	28-00	14-00	06-21	07-21	16-02	JUN
	MINIMUM	1.8	1.5	2.4	3.8	1.9	6.9	8.9	10.3	8.0	5.5	4.3	2.0	1.5
	DAY-HR	24-16	09-16	06-11	09-15	08-14	06-13	19-14	31-14	28-14	27-14	05-11	28-16	FEB
	# OBS	743	660	720	720	744	720	742	734	717	654	534	743	8431
2000	MEAN	5.5	6.7	7.4	8.9	10.1	12.1	12.8	12.7	12.4	10.6	7.1	5.9	9.4
	MAXIMUM	9.9	13.4	11.7	14.1	16.5	22.9	19.0	18.7	19.3	15.8	12.3	11.1	22.9
	DAY-HR	30-21	07-19	13-22	13-01	18-21	28-01	13-22	24-23	15-00	08-00	03-23	01-23	JUN
	MINIMUM	1.9	2.5	3.3	4.8	6.6	8.4	10.2	9.7	7.9	7.0	2.2	-0.4	-0.4
	DAY-HR	20-07	18-13	07-14	07-14	06-13	11-10	03-14	03-13	23-14	15-15	17-15	11-17	DEC
	# OBS	625	647	727	700	730	712	735	743	720	730	717	740	8526
2001	MEAN	6.7	5.6	7.5	8.3	10.0	11.4	12.3	13.0	12.3	10.1	8.7	6.2	9.4
	MAXIMUM	11.3	10.8	11.7	14.2	17.3	16.9	19.1	19.4	18.2	16.3	14.7	11.4	19.4
	DAY-HR	05-04	02-03	24-23	24-18	23-22	28-00	24-23	10-21	14-01	04-20	15-08	08-16	AUG
	MINIMUM	0.6	-0.8	3.3	3.6	6.8	8.1	9.8	10.3	8.6	5.3	1.8	2.5	-0.8
	DAY-HR	16-15	16-09	04-13	06-19	06-14	11-22	20-13	30-13	27-14	28-16	28-15	26-16	FEB
	# OBS	661	672	738	716	742	717	743	680	718	743	720	583	8433
POR	MEAN	5.9	6.2	7.4	9.0	10.6	12.0	13.1	13.5	12.6	10.4	7.7	5.7	9.5
	MAXIMUM	13.8	13.9	15.1	18.9	20.6	24.9	25.1	23.3	26.7	19.1	15.0	12.7	26.7
	YEAR	1986	1993	1987	1992	1986	1995	1996	1993	1986	1992	1995	1998	SEP/1986
	MINIMUM	-7.2	-10.7	-2.9	3.6	1.9	6.9	8.2	8.7	7.1	-1.0	-9.4	-9.1	-10.7
	YEAR	1996	1989	1989	2001	1999	1999	1985	1989	1985	1984	1985	1990	FEB/1989
	# OBS	12414	12008	12504	12674	12903	12755	13237	12823	12723	13031	12296	13087	152455

STATION: SISWL -- POR (1/1984 - 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	1026.1	1016.0	1017.1	1016.2	1017.4	1017.3	1019.0	1016.7	1016.7	1015.1	1010.1	1016.4	1016.4
	MAXIMUM	1032.5	1032.0	1033.5	1028.7	1029.3	1027.2	1024.4	1023.4	1029.4	1029.4	1028.7	1040.4	1040.4
	DAY-HR	26-13	02-19	04-17	22-07	27-15	01-10	02-19	29-17	27-18	23-08	21-16	31-17	DEC
	MINIMUM	1014.4	996.5	998.4	999.2	993.3	1000.1	1012.4	1008.5	1005.6	999.3	980.2	996.3	980.2
	DAY-HR	31-22	12-14	14-00	10-02	02-02	04-16	23-02	27-02	05-22	12-17	02-12	12-09	NOV
	# OBS	147	693	732	705	737	716	722	739	711	743	702	735	8082
1985	MEAN	1025.4	1020.6	1017.0	1018.1	1017.5	1019.7	1018.0	1017.3	1016.7	1016.0	1017.3	1025.5	1019.1
	MAXIMUM	1039.8	1035.0	1028.4	1029.0	1029.0	1032.0	1026.7	1023.3	1027.2	1032.0	1028.3	1036.6	1039.8
	DAY-HR	01-03	25-19	12-18	12-18	14-21	08-19	01-15	02-22	24-19	03-18	23-00	17-18	JAN
	MINIMUM	1015.1	998.6	988.7	1001.6	1004.2	1007.4	1006.2	1008.5	998.6	987.3	1002.2	985.8	985.8
	DAY-HR	14-13	08-03	27-05	23-06	03-00	07-12	30-02	17-03	06-07	22-10	09-23	03-01	DEC
	# OBS	738	661	732	710	513	719	740	722	719	740	718	741	8453
1986	MEAN	1014.3	1012.3	1016.6	1019.1	1016.5	1017.5	1019.8	1016.8	1015.6	1019.8	1017.6	1017.1	1016.9
	MAXIMUM	1033.0	1030.7	1032.8	1032.0	1028.1	1026.8	1029.5	1025.4	1024.5	1031.4	1034.0	1031.9	1034.0
	DAY-HR	06-19	06-19	04-19	18-17	08-18	08-19	19-19	31-18	21-18	04-19	01-19	09-10	NOV
	MINIMUM	996.4	977.1	991.9	1003.5	1005.7	1007.0	1011.8	1011.9	990.6	1003.1	988.5	998.7	977.1
	DAY-HR	17-03	16-01	07-15	25-03	20-03	14-08	04-11	24-03	24-03	30-05	18-13	22-14	FEB
	# OBS	743	666	734	717	737	712	644	263	703	711	668	718	8016

1987	MEAN	1015.9	1014.9	1013.8	1017.8	1015.8	1016.8	1013.7	1016.9	1017.0	1019.2	1016.3	1017.7	1016.3
	MAXIMUM	1034.8	1031.8	1033.2	1032.0	1027.7	1031.6	1022.9	1025.5	1026.3	1030.3	1032.6	1037.6	1037.6
	DAY-HR	15-18	19-19	27-18	20-06	05-18	02-16	31-23	17-18	28-16	04-20	25-19	12-17	DEC
	MINIMUM	990.9	991.4	995.8	1004.0	1001.0	1006.1	1003.8	1006.3	1007.5	1007.9	997.8	989.5	989.5
	DAY-HR	03-12	01-10	03-09	30-23	30-17	30-04	18-10	14-03	14-16	31-16	13-16	01-16	DEC
	# OBS	725	659	735	712	587	612	716	742	682	737	719	631	8257
1988	MEAN	1017.9	1022.9	1021.0	1014.1	1016.1	1016.8	1018.9	1016.5	1017.8	1018.5	1010.6	1019.9	1017.6
	MAXIMUM	1038.3	1035.9	1033.0	1034.5	1027.3	1026.0	1029.3	1024.2	1029.5	1029.7	1035.2	1040.7	1040.7
	DAY-HR	21-18	19-17	10-18	08-18	01-19	29-21	17-18	18-20	11-17	08-18	29-20	15-11	DEC
	MINIMUM	994.1	1001.0	998.3	993.7	1000.1	1006.7	1007.8	1010.1	1002.9	1007.4	985.4	995.2	985.4
	DAY-HR	14-21	13-02	23-07	03-02	28-13	02-23	12-20	12-03	25-10	13-14	22-18	30-13	NOV
	# OBS	743	692	743	717	740	720	742	739	717	743	718	739	8753
1989	MEAN	1019.3	1024.2	1012.8	1017.2	1017.7	1017.4	1019.6	1016.7	1017.2	1018.8	1019.3	1024.5	1018.7
	MAXIMUM	1034.5	1040.0	1028.6	1030.6	1026.7	1029.6	1027.0	1023.8	1025.4	1035.7	1033.4	1037.7	1040.0
	DAY-HR	12-02	05-19	20-04	07-20	19-18	21-05	05-18	13-17	03-19	28-19	15-07	11-08	FEB
	MINIMUM	1007.6	1006.1	995.9	1000.2	1002.6	1009.7	1012.6	1006.0	1006.5	996.4	1001.7	1006.5	995.9
	DAY-HR	30-21	22-17	10-01	02-00	17-18	28-11	01-00	21-22	17-10	21-15	23-14	04-05	MAR
	# OBS	744	672	739	718	737	716	742	739	719	744	717	735	8722
1990	MEAN	1014.5	1017.8	1019.7	1017.8	1015.9	1017.1	1017.6	1017.2	1019.4	1017.6	1017.0	1021.0	1017.7
	MAXIMUM	1031.0	1033.4	1031.6	1030.1	1029.2	1027.2	1026.1	1024.3	1025.8	1033.6	1031.6	1038.7	1038.7
	DAY-HR	10-22	22-06	23-20	30-17	03-21	19-20	13-18	06-17	30-05	08-17	06-13	23-18	DEC
	MINIMUM	987.5	991.0	994.9	998.7	999.9	1007.6	1011.1	1010.3	1012.4	1000.6	1001.7	999.7	987.5
	DAY-HR	30-05	01-06	10-04	23-06	20-10	06-14	23-02	15-05	14-23	28-00	24-23	04-14	JAN
	# OBS	742	670	739	714	742	712	741	740	716	742	718	743	8719
1991	MEAN	1022.6	1018.2	1011.6	1018.6	1017.9	1018.2	1019.4	1016.9	1020.4	1019.0	1018.3	1016.2	1018.1
	MAXIMUM	1036.1	1031.4	1029.9	1035.6	1025.6	1027.0	1025.4	1023.8	1031.4	1033.0	1034.2	1033.3	1036.1
	DAY-HR	20-18	23-19	29-15	11-17	10-18	04-19	28-18	25-18	23-19	19-18	22-18	13-18	JAN
	MINIMUM	1002.0	987.9	986.6	1002.3	1003.3	1007.9	1011.5	1005.3	1010.9	995.3	983.1	996.2	983.1
	DAY-HR	12-14	28-22	01-16	24-06	30-01	28-03	15-12	27-15	06-05	16-13	17-06	05-21	NOV
	# OBS	742	672	742	719	744	719	740	739	718	684	718	742	8679
1992	MEAN	1014.6	1014.2	1008.0	1014.7	1018.1	1014.7	1017.1	1018.3	1016.7	1016.3	1019.8	1014.5	1016.3
	MAXIMUM	1028.8	1033.6	1009.4	1030.2	1029.3	1023.6	1024.7	1025.6	1026.0	1031.6	1032.1	1034.0	1034.0
	DAY-HR	14-18	25-19	01-19	23-18	02-18	02-15	09-16	10-17	27-16	06-16	03-09	23-18	DEC
	MINIMUM	992.2	999.4	1007.1	997.3	1010.2	1001.4	1008.8	1011.4	998.6	988.1	995.9	991.0	988.1
	DAY-HR	04-03	10-22	01-11	17-07	18-01	29-12	04-13	22-00	24-03	29-21	22-01	28-16	OCT
	# OBS	662	684	21	540	740	717	740	741	715	739	711	732	7742
1993	MEAN	1015.8	1017.0	1018.1	1015.1	1013.3	1016.5	1018.3	1018.0	1018.7	1019.0	1021.8	1017.5	1017.4
	MAXIMUM	1032.6	1028.9	1032.4	1027.6	1026.5	1026.8	1031.0	1029.6	1026.2	1034.9	1038.4	1038.0	1038.4
	DAY-HR	29-20	26-19	11-19	30-22	01-00	24-18	31-20	01-16	26-07	26-11	24-10	23-13	NOV
	MINIMUM	982.1	991.8	1000.3	1002.0	997.8	1005.5	1009.0	1004.8	1011.2	1006.2	1000.8	987.3	982.1
	DAY-HR	20-17	20-06	22-19	08-15	03-17	05-09	28-14	23-05	01-02	24-00	29-14	09-01	JAN
	# OBS	731	637	730	718	741	717	737	731	708	740	714	743	8647
1994	MEAN	1020.1	1012.6	1018.2	1016.5	1015.8	1017.4	1018.0	1017.3	1017.1	1015.3	1013.1	1013.4	1016.3
	MAXIMUM	1038.6	1032.5	1034.1	1027.0	1023.0	1026.0	1025.7	1023.8	1025.8	1025.0	1032.1	1029.8	1038.6
	DAY-HR	30-19	01-00	12-20	01-19	01-00	01-23	06-17	29-19	04-21	07-18	21-19	08-05	JAN
	MINIMUM	996.8	987.9	996.7	999.9	1003.1	996.7	1010.3	1010.7	1006.1	997.6	994.7	999.3	987.9
	DAY-HR	04-16	17-15	21-08	08-23	15-17	13-06	01-15	08-12	03-06	31-14	09-04	16-04	FEB
	# OBS	743	649	738	720	740	716	718	731	710	738	715	740	8658
1995	MEAN	1009.1	1018.5	1011.8	1015.4	1015.2	1016.3	1016.7	1014.9	1015.9	1018.1	1014.4	1014.3	1015.0
	MAXIMUM	1023.8	1028.9	1034.3	1030.3	1025.5	1025.0	1028.2	1021.7	1025.1	1030.3	1031.4	1030.5	1034.3
	DAY-HR	02-06	27-20	26-18	22-18	18-20	23-16	30-18	13-15	21-10	19-05	03-16	08-08	MAR
	MINIMUM	989.8	997.1	977.6	996.0	1003.6	1006.6	1005.6	998.1	1002.8	999.5	995.2	968.0	968.0
	DAY-HR	10-02	15-10	09-23	07-16	01-22	17-17	26-13	07-03	27-09	26-01	18-04	13-00	DEC
	# OBS	738	666	739	708	742	714	744	742	716	742	709	739	8699
1996	MEAN	1013.8	1013.1	1018.1	1015.4	1016.9	1018.7	1017.4	1017.0	1016.3	1017.1	1016.0	1010.0	1015.8
	MAXIMUM	1030.2	1029.2	1030.8	1033.2	1027.9	1026.2	1027.2	1024.1	1025.4	1034.5	1032.0	1040.4	1040.4
	DAY-HR	30-18	10-09	25-16	27-22	24-11	29-13	05-20	21-17	23-06	27-05	26-10	14-18	DEC
	MINIMUM	992.4	983.1	996.6	993.1	996.1	1006.2	1008.9	1007.1	997.6	997.7	994.0	981.2	981.2
	DAY-HR	20-22	20-11	05-00	16-17	18-00	27-07	03-00	27-04	15-10	18-03	19-17	10-12	DEC
	# OBS	732	688	739	734	742	713	827	767	604	649	685	738	8618
1997	MEAN	1015.8	1021.7	1016.2	1017.7	1016.6	1015.2	1017.5	1015.7	1013.0	1014.6	1012.2	1019.6	1016.3
	MAXIMUM	1031.0	1038.5	1029.9	1036.6	1028.3	1024.8	1022.8	1025.7	1025.4	1027.9	1029.4	1036.1	1038.5
	DAY-HR	06-01	24-10	14-05	02-09	07-15	24-09	01-19	05-16	27-20	14-20	02-00	10-19	FEB
	MINIMUM	978.5	1001.8	989.8	996.7	1007.3	1004.2	1009.6	1008.2	992.4	992.5	995.9	992.9	978.5
	DAY-HR	01-05	17-02	16-00	20-09	03-03	03-22	09-02	26-15	17-10	01-19	23-12	07-23	JAN
	# OBS	741	658	741	710	740	712	729	742	717	736	704	692	8622
1998	MEAN	1007.5	1005.8	1015.0	1017.8	1014.7	1016.7	1017.1	1019.3	1015.0	1017.3	1010.2	1019.7	1014.8
	MAXIMUM	1019.9	1022.9	1023.8	1029.9	1025.3	1028.6	1022.6	1026.7	1022.3	1033.3	1023.9	1039.4	1039.4
	DAY-HR	08-19	27-20	10-06	26-19	31-07	14-15	06-18	12-17	11-17	19-18	19-05	20-19	DEC
	MINIMUM	991.4	987.4	996.8	1001.7	1003.0	1005.4	1009.5	1013.3	1006.7	1003.6	983.2	990.8	983.2
	DAY-HR	17-12	21-07	23-22	11-13	13-01	24-18	30-02	26-03	25-16	02-01	24-07	28-02	NOV
	# OBS	712	663	711	696	706	690	728	782	706	741	720	740	8595

1999	MEAN	1016.1	1009.8	1012.8	1020.3	1018.5	1017.0	1017.9	1016.2	1018.1	1020.1	1013.9	1021.7	1017.0
	MAXIMUM	1035.7	1027.1	1027.5	1041.1	1029.7	1023.3	1027.6	1024.3	1030.2	1037.1	1037.0	1038.1	1041.1
	DAY-HR	02-18	11-06	02-08	14-15	22-17	27-22	08-14	21-21	27-19	16-18	01-12	24-19	APR
	MINIMUM	993.5	977.9	986.7	1004.2	997.2	1007.3	1009.5	1008.9	1004.3	989.4	998.9	995.1	977.9
	DAY-HR	18-02	06-23	03-11	08-02	03-11	24-11	03-08	25-09	25-05	28-11	19-23	02-12	FEB
	# OBS	743	660	720	720	744	720	742	705	714	654	534	743	8399
2000	MEAN	1016.0	1013.2	1018.7	1018.0	1015.9	1017.5	1017.8	1017.5	1016.4	1015.3	1020.1	1020.1	1017.3
	MAXIMUM	1033.9	1030.8	1035.9	1033.7	1025.2	1027.3	1026.0	1026.3	1026.5	1030.2	1031.2	1037.7	1037.7
	DAY-HR	27-19	02-20	31-19	01-01	18-09	15-19	15-16	15-22	06-19	22-17	17-18	18-07	DEC
	MINIMUM	995.7	995.5	1005.6	1004.2	1003.1	1000.1	1011.1	1008.1	1002.5	991.8	1001.2	992.8	991.8
	DAY-HR	16-20	14-21	14-06	27-18	10-10	12-11	22-02	31-20	08-12	28-11	29-18	15-01	OCT
	# OBS	626	646	727	700	730	713	735	743	720	731	719	743	8533
2001	MEAN	1018.8	1017.9	1018.2	1015.9	1019.9	1018.2	1017.8	1016.5	1016.6	1017.6	1012.5	1013.9	1017.0
	MAXIMUM	1032.8	1030.8	1028.0	1025.4	1034.8	1028.0	1023.3	1025.6	1026.5	1028.9	1029.9	1032.6	1034.8
	DAY-HR	15-19	03-18	14-19	14-18	02-20	18-17	01-19	07-17	07-21	18-08	07-17	07-14	MAY
	MINIMUM	997.0	1003.1	998.6	1005.0	1002.6	1005.8	1010.8	1006.4	1007.7	995.7	984.1	983.3	983.3
	DAY-HR	10-00	11-00	02-00	06-14	16-03	27-11	16-09	22-12	01-09	22-22	29-04	01-14	DEC
	# OBS	631	672	739	716	743	717	743	682	717	743	720	583	8406
POR	MEAN	1016.5	1016.2	1016.3	1017.0	1016.6	1017.2	1017.8	1017.0	1016.9	1017.5	1015.6	1018.0	1016.9
	MAXIMUM	1039.8	1040.0	1035.9	1041.1	1034.8	1032.0	1031.0	1029.6	1031.4	1037.1	1038.4	1040.7	1041.1
	YEAR	1985	1989	2000	1999	2001	1985	1993	1993	1991	1999	1993	1988	APR/1999
	MINIMUM	978.5	977.1	977.6	993.1	993.3	996.7	1003.8	998.1	990.6	987.3	980.2	968.0	968.0
	YEAR	1997	1986	1995	1996	1984	1994	1987	1995	1986	1985	1984	1995	DEC/1995
	# OBS	12383	12008	12501	12674	12905	12755	13230	12789	12712	13057	12609	12977	152600

STATION: SISWL -- POR (1/1984 - 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
1984	MEAN	9.2	12.9	7.5	10.5	8.7	9.3	9.6	8.2	5.7	9.6	12.9	10.5	9.6
	MAXIMUM	29.0	40.0	38.1	34.0	31.1	25.1	26.0	26.0	24.1	40.0	42.0	40.0	42.0
	DAY-HR	26-02	11-16	17-09	09-15	02-09	08-00	06-05	01-05	21-00	09-22	19-19	18-05	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	31-18	25-22	31-21	30-00	28-16	28-23	26-08	30-09	29-06	29-16	21-21	28-23	DEC
	# OBS	144	692	732	701	735	717	722	739	711	743	704	732	8072
1985	MEAN	4.6	9.6	10.8	7.5	7.5	8.9	8.0	6.5	6.7	10.3	11.2	6.4	8.2
	MAXIMUM	29.0	41.0	40.0	32.1	32.1	30.1	27.0	22.0	30.1	43.2	32.1	31.1	43.2
	DAY-HR	14-18	11-08	22-12	23-06	11-00	23-05	24-07	01-12	17-04	22-10	22-12	07-16	OCT
	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	31-10	27-19	28-17	30-14	22-22	30-07	31-19	31-18	30-21	29-22	29-03	31-21	DEC
	# OBS	742	658	733	711	529	719	740	722	719	740	718	741	8472
1986	MEAN	13.3	9.2	8.5	9.3	8.5	6.9	7.5	6.2	7.2	4.5	11.1	12.2	8.8
	MAXIMUM	42.0	34.0	38.1	34.0	38.1	23.1	22.0	19.1	31.1	33.0	42.0	37.1	42.0
	DAY-HR	17-06	04-23	07-15	27-02	13-10	15-19	15-05	24-02	23-19	30-20	26-04	14-16	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	31-04	26-06	29-21	30-23	31-16	30-15	24-17	27-12	30-23	31-22	18-18	16-22	DEC
	# OBS	743	666	733	717	736	712	644	263	703	711	666	716	8010
1987	MEAN	12.6	10.3	9.6	8.3	8.5	8.8	7.9	7.2	5.8	4.0	10.0	12.2	8.8
	MAXIMUM	36.2	37.1	41.0	32.1	32.1	28.0	30.1	26.0	24.1	22.0	41.0	37.1	41.0
	DAY-HR	03-02	16-18	26-01	08-05	30-12	15-07	16-02	05-05	26-08	17-03	24-10	08-15	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	23-00	26-07	31-15	30-16	31-17	28-20	26-17	31-14	30-23	31-23	28-11	31-22	DEC
	# OBS	725	659	735	711	586	613	716	742	682	736	719	743	8367
1988	MEAN	11.9	7.6	9.5	8.1	8.0	8.9	9.2	7.9	6.8	3.8	13.5	9.7	8.8
	MAXIMUM	38.1	36.2	40.0	35.0	31.1	30.1	29.0	27.0	31.1	21.0	41.0	37.1	41.0
	DAY-HR	20-09	13-09	22-20	05-13	02-14	03-02	12-18	05-02	19-04	30-06	19-16	13-10	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	31-22	29-22	31-23	29-23	31-05	30-21	26-00	28-19	29-23	31-03	26-14	30-21	DEC
	# OBS	743	692	743	717	740	720	742	739	717	743	718	739	8753
1989	MEAN	10.3	8.3	10.0	7.5	9.5	7.8	9.4	6.9	5.0	7.6	9.2	7.0	8.2
	MAXIMUM	35.0	30.1	36.2	33.0	35.0	24.1	28.0	25.1	21.0	36.2	38.1	36.2	38.1
	DAY-HR	31-05	01-10	27-04	01-18	18-04	30-23	01-01	07-05	30-05	26-07	23-13	04-04	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	27-02	26-20	31-21	30-15	31-21	29-07	26-07	31-01	29-15	29-23	30-20	28-15	DEC
	# OBS	743	672	739	718	740	715	742	740	719	744	717	737	8726
1990	MEAN	13.4	11.9	7.5	7.3	8.4	8.5	7.1	6.2	4.8	11.1	12.5	14.0	9.4
	MAXIMUM	40.0	43.2	42.0	30.1	32.1	24.1	29.0	29.0	20.0	38.1	40.0	46.1	46.1

	DAY-HR	23-06	05-08	14-02	24-07	05-21	19-07	23-03	13-03	23-12	28-00	29-10	04-04	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	31-07	27-14	31-23	30-21	31-20	30-08	29-08	31-14	30-12	31-23	26-13	26-15	DEC
	# OBS	742	668	739	712	742	712	741	740	715	742	717	743	8713
1991	MEAN	7.8	8.3	8.2	8.7	8.9	8.3	8.0	8.9	4.5	6.2	12.3	13.0	8.6
	MAXIMUM	34.0	40.0	33.0	41.0	29.0	31.1	22.9	39.1	15.9	36.0	51.1	43.0	51.1
	DAY-HR	11-15	04-18	11-19	03-13	08-19	03-04	25-09	29-23	27-06	21-13	16-16	12-14	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	31-03	28-15	31-16	30-18	29-14	30-18	30-16	30-21	30-17	25-00	28-01	23-12	DEC
	# OBS	741	668	742	719	744	719	740	739	718	684	717	742	8673
1992	MEAN	15.9	8.9	5.2	10.3	9.7	10.1	8.6	7.0	9.4	10.2	11.9	15.1	10.6
	MAXIMUM	47.2	35.8	11.1	36.0	31.9	32.7	22.9	23.7	35.6	35.0	40.0	44.9	47.2
	DAY-HR	02-01	21-17	02-05	30-10	10-19	02-02	26-06	04-06	23-18	20-13	19-04	08-07	JAN
	MINIMUM	1.2	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.2	0.0
	DAY-HR	18-22	27-14	02-17	13-10	24-14	30-09	22-16	23-15	29-06	12-23	29-01	24-22	NOV
	# OBS	662	688	45	540	740	717	740	741	714	740	711	732	7770
1993	MEAN	11.2	8.6	10.7	11.9	9.3	11.6	9.6	8.2	5.9	5.8	11.2	11.8	9.6
	MAXIMUM	38.7	36.0	45.1	32.7	33.4	29.0	24.1	28.8	26.4	34.6	41.2	45.7	45.7
	DAY-HR	20-17	15-06	04-10	25-11	01-18	07-03	04-05	23-16	11-03	24-02	23-06	13-06	DEC
	MINIMUM	0.0	0.0	0.2	1.2	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	DAY-HR	18-23	13-00	06-05	11-12	25-07	15-01	16-09	07-11	30-23	30-10	05-08	29-16	DEC
	# OBS	732	637	731	718	741	719	737	733	711	741	714	741	8655
1994	MEAN	10.4	14.9	10.7	10.4	9.4	8.9	10.0	9.2	6.1	8.7	16.6	15.9	10.9
	MAXIMUM	37.1	46.1	43.4	32.5	33.2	34.0	26.0	21.4	27.8	38.5	47.2	43.4	47.2
	DAY-HR	01-04	13-03	20-22	03-23	28-22	13-06	02-06	03-06	01-06	31-12	04-06	19-12	NOV
	MINIMUM	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0
	DAY-HR	31-04	06-01	29-03	29-11	31-23	23-19	10-14	27-13	29-01	25-14	03-01	19-00	DEC
	# OBS	741	648	740	719	739	718	719	734	710	737	715	741	8661
1995	MEAN	12.7	10.6	11.4	10.3	9.1	10.6	9.2	9.1	7.2	10.0	12.5	14.1	10.6
	MAXIMUM	40.6	42.0	38.9	38.1	28.8	29.4	30.1	28.6	30.3	40.2	44.7	43.5	44.7
	DAY-HR	18-20	15-10	21-03	11-02	31-04	03-03	29-03	05-06	30-23	25-22	18-08	04-10	NOV
	MINIMUM	0.0	0.0	0.0	0.2	0.6	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0
	DAY-HR	25-21	23-15	29-08	28-02	23-15	30-02	19-02	28-14	23-08	28-05	22-02	26-05	DEC
	# OBS	738	666	739	707	742	714	743	742	716	742	709	739	8697
1996	MEAN	12.8	11.1	9.2	11.6	10.3	10.0	9.1	9.2	6.9	11.0	10.1	14.5	10.5
	MAXIMUM	44.3	39.1	42.4	41.8	30.9	29.2	34.4	35.0	26.0	42.2	32.3	43.7	44.3
	DAY-HR	06-19	05-13	15-10	25-21	18-09	16-05	09-04	05-05	13-16	17-20	28-06	02-14	JAN
	MINIMUM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	1.0	0.0
	DAY-HR	08-02	14-13	21-11	29-12	31-14	23-08	14-02	26-02	27-12	27-05	11-13	18-20	NOV
	# OBS	732	690	741	734	741	713	828	775	615	651	688	738	8646
1997	MEAN	12.1	9.1	14.7	10.2	8.6	9.1	10.4	7.3	8.6	11.3	10.7	13.4	10.5
	MAXIMUM	44.9	35.8	48.8	37.9	35.8	26.4	31.7	25.7	38.7	43.2	39.3	43.9	48.8
	DAY-HR	01-10	12-15	31-00	03-14	17-04	24-01	05-15	08-06	15-02	10-03	23-14	15-23	MAR
	MINIMUM	0.0	0.0	0.4	0.0	0.0	0.0	0.2	0.2	0.0	0.0	0.0	0.0	0.0
	DAY-HR	29-08	25-06	20-09	19-01	29-23	03-13	03-16	30-15	29-09	25-01	08-00	05-16	DEC
	# OBS	741	658	741	710	741	712	729	742	717	736	704	692	8623
1998	MEAN	14.8	15.2	10.2	8.6	9.5	9.3	8.7	10.4	8.0	9.0	14.9	17.1	11.3
	MAXIMUM	44.1	41.8	32.9	30.7	32.1	38.1	28.8	28.2	29.2	36.5	49.8	48.4	49.8
	DAY-HR	14-07	21-00	26-16	24-11	14-17	16-01	11-01	15-04	08-01	31-17	24-07	05-17	NOV
	MINIMUM	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	DAY-HR	04-23	27-05	13-09	02-03	24-01	16-22	16-03	31-13	14-17	27-10	30-23	01-06	DEC
	# OBS	712	663	711	696	706	690	725	783	706	743	719	740	8594
1999	MEAN	13.2	20.5	14.5	10.7	11.5	9.9	9.3	8.6	7.9	7.7	12.6	12.4	11.5
	MAXIMUM	42.0	47.0	43.9	32.3	36.4	31.5	30.3	26.2	42.8	37.1	41.4	42.8	47.0
	DAY-HR	29-15	21-19	03-16	03-05	07-02	05-19	14-04	31-02	25-09	28-13	04-05	02-18	FEB
	MINIMUM	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0
	DAY-HR	12-18	19-04	14-08	11-02	11-08	29-07	05-10	16-18	21-14	23-02	14-16	29-05	DEC
	# OBS	743	660	720	720	744	720	742	734	717	655	534	743	8432
2000	MEAN	14.3	9.5	11.4	8.4	8.0	10.3	9.8	8.7	7.3	9.2	9.3	11.3	9.8
	MAXIMUM	42.6	35.8	38.5	32.5	29.4	35.4	29.0	25.5	26.8	43.4	41.8	47.2	47.2
	DAY-HR	04-06	01-06	18-18	04-21	17-04	12-09	31-23	01-00	21-19	20-08	04-14	15-09	DEC
	MINIMUM	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	DAY-HR	20-22	13-02	24-12	27-16	19-03	17-09	30-14	23-13	25-11	30-14	17-00	29-00	DEC
	# OBS	625	647	727	700	730	716	742	743	720	732	718	744	8544
2001	MEAN	10.3	9.5	10.5	10.8	10.2	10.2	11.4	9.3	7.5	10.8	12.6	13.6	10.5
	MAXIMUM	41.2	42.8	41.4	43.2	35.0	28.8	33.4	33.2	29.9	41.2	44.1	40.8	44.1
	DAY-HR	29-07	02-08	01-22	29-13	05-09	01-13	05-03	22-06	27-01	23-15	20-09	01-19	NOV
	MINIMUM	0.0	0.0	0.0	0.6	0.4	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0
	DAY-HR	28-00	28-07	24-16	07-19	04-12	27-01	28-08	10-18	10-15	20-15	12-00	23-22	DEC
	# OBS	661	672	739	717	743	715	743	681	717	743	720	583	8434
POR	MEAN	11.8	10.9	10.3	9.5	9.1	9.3	9.1	8.1	6.7	8.4	11.9	12.4	9.8
	MAXIMUM	47.2	47.0	48.8	43.2	38.1	38.1	34.4	39.1	42.8	43.4	51.1	48.4	51.1

YEAR	1992	1999	1997	2001	1986	1998	1996	1991	1999	2000	1991	1998	NOV/1991
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	2001	2001	2001	2000	2000	2001	2000	2001	2001	2001	2001	2001	DEC/2001
# OBS	12410	12004	12530	12667	12919	12761	13235	12832	12727	13063	12608	13086	152842

STATION: SISWL -- POR (1/1984 - 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	11.5	15.6	9.3	13.3	11.4	12.3	12.3	10.1	6.8	12.0	15.6	12.8	11.9
	MAXIMUM	36.2	48.0	49.2	41.0	43.2	35.0	32.1	32.1	34.0	47.0	49.2	45.1	49.2
	DAY-HR	26-02	11-16	17-09	09-15	02-07	16-04	19-06	01-06	21-00	09-22	01-18	18-05	NOV
	# OBS	144	692	730	695	734	716	715	738	710	725	702	724	8025
1985	MEAN	5.7	12.0	13.6	9.9	9.6	11.3	9.9	7.9	8.2	12.8	13.8	7.9	10.2
	MAXIMUM	33.0	52.1	45.1	39.1	42.0	38.1	35.0	26.0	38.1	52.1	37.1	36.2	52.1
	DAY-HR	14-18	11-08	22-12	26-15	11-00	22-06	23-05	19-05	17-04	22-10	22-12	07-16	OCT
	# OBS	731	655	729	708	501	719	740	722	718	740	718	741	8422
1986	MEAN	16.0	11.3	10.4	11.9	10.8	8.3	9.1	7.1	8.6	5.5	13.5	14.5	10.8
	MAXIMUM	53.1	43.2	43.2	41.0	47.0	27.0	27.0	21.0	37.1	40.0	51.1	46.1	53.1
	DAY-HR	06-08	16-09	07-15	27-02	13-10	15-15	15-05	24-02	23-16	30-20	26-04	14-16	JAN
	# OBS	743	666	732	717	736	712	644	263	703	711	665	716	8008
1987	MEAN	15.0	12.3	11.7	10.6	10.5	11.1	9.8	8.9	6.9	4.9	11.9	14.8	10.7
	MAXIMUM	45.1	42.0	51.1	38.1	38.1	34.0	39.1	32.1	30.1	26.0	49.2	44.1	51.1
	DAY-HR	28-08	16-19	26-01	18-23	30-12	15-07	16-02	20-04	26-08	17-03	24-10	09-13	MAR
	# OBS	724	659	735	712	578	610	716	742	682	736	719	742	8355
1988	MEAN	14.4	9.5	12.0	10.3	10.0	11.1	11.3	9.4	8.3	4.6	16.0	11.6	10.7
	MAXIMUM	45.1	48.0	47.0	43.2	36.2	34.0	38.1	31.1	38.1	24.1	48.0	47.0	48.0
	DAY-HR	16-03	13-10	22-20	02-22	02-14	03-02	22-07	05-02	19-04	30-08	19-16	13-10	NOV
	# OBS	743	692	743	714	740	720	742	738	717	743	718	739	8749
1989	MEAN	12.6	10.0	11.9	9.0	11.5	9.4	11.2	8.3	5.9	9.0	11.0	8.5	9.9
	MAXIMUM	45.1	36.2	42.0	37.1	42.0	33.0	31.1	30.1	23.1	42.0	46.1	43.2	46.1
	DAY-HR	31-05	01-10	27-04	01-18	18-04	27-03	13-07	07-05	30-05	26-07	23-13	04-04	NOV
	# OBS	743	672	738	716	734	713	740	738	719	744	717	734	8708
1990	MEAN	16.2	14.3	9.1	9.1	10.3	10.2	8.4	7.3	5.7	13.6	15.2	17.0	11.4
	MAXIMUM	48.0	53.1	50.2	36.2	42.0	35.0	34.0	31.1	23.1	43.9	47.0	55.0	55.0
	DAY-HR	23-06	05-08	14-02	24-07	06-23	16-02	16-04	23-03	23-12	29-22	29-10	04-06	DEC
	# OBS	742	668	739	712	742	712	741	740	713	742	717	743	8711
1991	MEAN	9.3	10.1	10.1	11.0	11.2	10.1	9.8	10.7	5.4	7.6	14.4	15.3	10.5
	MAXIMUM	43.9	48.0	38.1	49.0	34.0	36.0	29.0	47.0	19.1	47.0	59.9	53.5	59.9
	DAY-HR	11-15	04-18	09-16	03-13	08-19	03-04	29-08	29-23	27-06	21-13	16-18	12-14	NOV
	# OBS	740	668	741	718	744	719	740	739	718	684	717	742	8670
1992	MEAN	18.6	10.4	6.2	12.4	12.0	12.2	10.2	8.2	11.3	12.0	14.1	17.9	12.6
	MAXIMUM	55.0	42.2	12.8	43.0	38.5	40.8	32.1	27.6	40.2	40.0	45.5	51.3	55.0
	DAY-HR	02-01	01-00	02-05	18-00	10-19	04-07	26-06	01-05	23-18	20-13	19-04	08-07	JAN
	# OBS	662	688	45	540	740	717	740	740	714	739	708	732	7765
1993	MEAN	13.1	9.8	12.6	14.0	10.9	13.8	11.4	9.5	7.0	6.8	13.3	14.0	11.4
	MAXIMUM	45.9	43.5	55.6	39.7	36.9	34.4	29.0	36.2	30.3	43.4	48.6	51.3	55.6
	DAY-HR	19-16	15-06	22-15	25-15	01-18	07-21	04-05	23-12	11-03	24-02	23-06	13-05	MAR
	# OBS	732	637	729	718	741	717	736	730	710	740	714	741	8645
1994	MEAN	12.3	17.5	12.7	12.4	11.4	10.7	12.0	10.7	7.1	10.3	19.7	18.7	12.9
	MAXIMUM	44.1	54.0	50.3	38.9	40.6	39.9	33.0	26.0	33.8	49.8	55.8	50.3	55.8
	DAY-HR	01-04	13-06	20-22	03-23	28-21	13-06	08-09	03-08	01-05	31-11	04-08	19-12	NOV
	# OBS	741	641	737	718	737	716	713	732	709	735	715	739	8633
1995	MEAN	14.5	12.2	13.3	12.4	11.0	12.8	10.8	10.5	8.2	11.6	14.6	16.4	12.4
	MAXIMUM	47.4	53.3	45.9	42.8	36.4	35.0	38.7	32.7	36.7	48.6	54.8	50.3	54.8
	DAY-HR	18-20	15-10	21-03	11-02	31-05	06-07	29-05	05-06	30-23	25-22	18-08	04-10	NOV
	# OBS	738	666	739	707	742	714	743	742	716	742	709	739	8697
1996	MEAN	15.0	12.9	10.8	13.6	12.5	11.9	10.9	10.7	7.9	12.7	11.8	16.9	12.4
	MAXIMUM	49.0	44.9	48.8	49.0	36.9	35.2	42.2	38.1	29.2	47.2	39.5	50.3	50.3
	DAY-HR	06-19	20-17	15-10	25-21	18-09	16-05	09-05	05-05	13-16	17-20	28-05	02-14	DEC
	# OBS	732	689	741	734	741	708	820	769	591	637	686	738	8586
1997	MEAN	14.1	10.9	17.4	12.1	10.1	10.6	12.3	8.4	9.7	13.2	12.2	15.5	12.2
	MAXIMUM	51.7	46.9	62.4	48.0	39.9	28.8	34.2	28.4	45.1	52.5	45.3	53.5	62.4
	DAY-HR	01-10	12-14	31-00	20-11	17-04	24-01	05-15	08-06	15-02	10-03	23-14	15-23	MAR

	# OBS	741	658	741	710	741	711	729	741	717	736	704	692	8621
1998	MEAN	17.2	17.4	12.0	10.5	11.2	11.0	10.2	12.0	9.2	10.4	17.0	19.9	13.2
	MAXIMUM	50.9	47.4	39.1	35.0	36.0	46.7	31.9	35.2	33.6	42.2	58.5	56.2	58.5
	DAY-HR	14-07	21-00	24-03	24-10	14-17	16-01	24-07	15-03	08-02	31-17	24-07	07-15	NOV
	# OBS	712	662	711	696	706	690	725	782	706	743	719	740	8592
1999	MEAN	15.2	23.7	16.9	12.7	13.7	11.5	10.7	9.6	9.4	9.1	14.5	14.7	13.4
	MAXIMUM	50.3	56.2	52.1	38.3	43.5	37.3	34.4	31.1	48.8	42.4	46.5	50.0	56.2
	DAY-HR	29-17	02-23	03-15	03-05	25-09	01-08	14-04	31-02	25-09	28-13	04-05	06-07	FEB
	# OBS	743	660	720	720	744	720	742	683	709	654	533	743	8371
2000	MEAN	16.8	10.9	13.6	10.1	9.5	12.0	11.3	10.1	8.2	10.7	10.7	13.2	11.4
	MAXIMUM	53.5	41.2	46.3	40.8	33.4	41.6	31.3	32.1	29.7	49.4	50.2	58.7	58.7
	DAY-HR	04-06	01-06	23-03	04-21	17-05	12-09	31-23	01-02	22-02	20-10	04-14	15-10	DEC
	# OBS	626	646	727	700	730	714	740	743	719	731	719	744	8539
2001	MEAN	11.8	11.1	12.5	12.8	12.3	12.1	13.2	10.6	8.7	12.9	14.5	15.7	12.3
	MAXIMUM	46.1	53.5	49.2	48.4	40.8	32.7	38.9	36.9	34.4	51.9	51.5	47.8	53.5
	DAY-HR	29-07	02-06	01-22	29-13	05-09	18-05	05-03	22-06	27-01	23-15	20-09	01-19	FEB
	# OBS	661	672	739	717	741	715	743	678	717	743	719	583	8428
POR	MEAN	13.9	12.9	12.3	11.5	11.1	11.2	10.8	9.5	7.9	10.0	14.1	14.7	11.7
	MAXIMUM	55.0	56.2	62.4	49.0	47.0	46.7	42.2	47.0	48.8	52.5	59.9	58.7	62.4
	YEAR	1992	1999	1997	1996	1986	1998	1996	1991	1999	1997	1991	2000	MAR/1997
	# OBS	12398	11991	12516	12652	12872	12743	13209	12760	12688	13025	12599	13072	152525

STATION: SISW1 -- POR (12/1997 - 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	-	-	-	-	-	-	-	-	-	-	-	21.0	21.0
	MAXIMUM	-	-	-	-	-	-	-	-	-	-	-	58.1	58.1
	DAY-HR	-	-	-	-	-	-	-	-	-	-	-	15-21	DEC
	MINIMUM	-	-	-	-	-	-	-	-	-	-	-	2.7	2.7
	DAY-HR	-	-	-	-	-	-	-	-	-	-	-	31-00	DEC
	# OBS	-	-	-	-	-	-	-	-	-	-	-	524	524
1998	MEAN	20.6	20.7	14.6	12.6	13.4	13.4	12.3	14.2	11.3	12.7	20.1	23.6	15.8
	MAXIMUM	51.5	50.5	42.0	37.7	38.7	46.7	36.5	39.5	36.4	45.7	60.7	56.2	60.7
	DAY-HR	14-09	21-00	27-03	24-10	14-18	16-01	24-04	15-04	08-02	31-17	24-08	07-16	NOV
	MINIMUM	2.7	0.6	1.9	1.4	2.5	2.5	2.3	2.9	2.1	1.0	2.5	2.5	0.6
	DAY-HR	05-00	27-06	21-16	14-14	26-07	24-11	16-00	31-16	23-03	22-16	11-09	21-00	FEB
	# OBS	712	661	711	696	706	690	725	783	706	743	719	740	8592
1999	MEAN	18.2	28.0	20.3	15.3	16.4	13.8	12.9	12.0	11.5	11.4	17.4	17.7	16.2
	MAXIMUM	52.1	59.5	60.1	43.2	44.7	43.4	36.9	35.2	55.2	48.8	49.0	51.5	60.1
	DAY-HR	29-16	02-23	03-11	03-06	07-04	01-09	14-05	04-05	25-10	28-12	04-05	06-10	MAR
	MINIMUM	2.3	2.7	2.7	2.9	1.6	0.8	2.5	1.6	1.9	1.7	1.7	1.0	0.8
	DAY-HR	06-05	14-23	18-12	23-12	17-05	29-07	21-20	16-18	22-13	21-08	14-16	26-01	JUN
	# OBS	743	660	720	720	744	720	741	672	712	654	534	743	8363
2000	MEAN	20.3	13.6	16.4	12.4	11.8	14.5	13.3	12.1	10.2	13.1	12.5	15.9	13.8
	MAXIMUM	54.2	45.7	48.8	40.8	37.7	42.8	33.8	32.1	31.7	58.9	53.8	66.9	66.9
	DAY-HR	09-17	22-18	18-18	04-21	17-06	12-09	31-23	01-02	29-12	20-07	04-15	15-09	DEC
	MINIMUM	2.1	2.1	0.8	1.9	2.5	1.4	2.5	2.7	1.2	1.6	1.6	1.4	0.8
	DAY-HR	26-00	11-15	09-16	06-01	19-00	07-15	28-21	28-16	26-14	23-15	02-13	30-01	MAR
	# OBS	625	646	726	700	729	712	734	741	712	730	699	738	8492
2001	MEAN	14.8	13.5	15.4	15.6	14.9	14.4	15.6	12.9	10.8	15.9	17.5	19.1	15.0
	MAXIMUM	49.4	58.3	50.0	50.5	48.6	36.2	45.1	39.7	38.7	55.2	51.9	49.0	58.3
	DAY-HR	29-06	02-07	01-23	30-20	05-09	18-08	05-06	21-19	26-22	23-21	20-09	01-18	FEB
	MINIMUM	1.9	1.6	2.5	2.9	2.1	2.7	2.7	1.2	1.7	1.6	1.6	1.7	1.2
	DAY-HR	13-01	28-03	08-23	09-02	04-13	10-11	02-15	01-13	29-02	02-04	09-13	21-12	AUG
	# OBS	661	672	739	717	741	716	743	678	716	743	718	582	8426
POR	MEAN	18.5	19.0	16.7	14.0	14.1	14.0	13.5	12.8	11.0	13.3	16.9	19.4	15.3
	MAXIMUM	54.2	59.5	60.1	50.5	48.6	46.7	45.1	39.7	55.2	58.9	60.7	66.9	66.9
	YEAR	2000	1999	1999	2001	2001	1998	2001	1999	2000	1998	2000	1998	DEC/2000
	MINIMUM	1.9	0.6	0.8	1.4	1.6	0.8	2.3	1.2	1.2	1.0	1.6	1.0	0.6
	YEAR	2001	1998	2000	1998	1999	1999	1998	2001	2000	1998	2001	1999	FEB/1998
	# OBS	2741	2639	2896	2833	2920	2838	2943	2874	2846	2870	2670	3327	34397

STATION: SISW1

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

Month: JAN

WIND SPEED	CALM	WIND DIRECTION												TOT %	TOT N	
		35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34			
0	2.4	*	*	*	*	*	*	-	*	*	-	*	*	-	2.5	311
1 - 3		1.1	1.2	1.4	1.4	1.2	0.7	0.7	0.5	0.4	0.5	0.4	0.9	10.4	1292	
4 - 6		2.0	2.1	2.6	2.9	2.5	1.6	1.0	0.6	0.4	0.5	0.5	1.1	17.8	2209	
7 - 10		2.0	1.9	3.1	3.7	4.2	3.3	1.0	0.7	0.6	0.8	0.5	1.1	23.0	2853	
11 - 15		1.3	1.0	1.4	2.1	4.8	4.5	0.9	0.3	0.6	1.2	0.3	0.7	19.0	2362	
16 - 20		0.6	0.3	0.1	0.5	2.7	3.9	0.4	*	0.5	1.6	0.3	0.2	11.2	1391	
21 - 24		0.3	*	-	0.1	1.7	3.0	0.3	*	0.3	1.0	0.1	-	6.8	843	
25 - 33		0.1	*	-	-	1.4	4.7	0.3	-	0.2	1.0	*	*	7.9	978	
34 - 47		-	-	-	-	0.1	1.1	*	-	*	0.2	-	-	1.4	171	
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0	
TOTAL %	2.4	7.5	6.6	8.6	10.7	18.5	22.9	4.6	2.1	3.2	6.8	2.1	4.0	100.0		
TOTAL N	297	930	821	1072	1328	2298	2838	574	261	393	848	259	491		12410	

(* < 0.05%)

STATION: SISW1

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

Month: FEB

WIND SPEED	CALM	WIND DIRECTION												TOT %	TOT N
		35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
0	3.5	*	*	-	*	*	*	*	*	*	*	*	*	3.7	439
1 - 3		1.5	1.4	1.4	1.4	1.1	0.9	1.0	0.8	1.2	1.4	1.5	1.7	15.3	1837
4 - 6		2.1	1.9	2.4	2.5	1.9	1.4	1.1	0.8	0.9	1.2	1.3	1.9	19.5	2342
7 - 10		1.5	1.7	2.1	2.7	3.2	2.9	1.2	0.6	0.8	0.9	1.0	1.4	20.1	2415
11 - 15		1.0	1.3	0.9	1.5	3.6	3.7	0.8	0.2	0.8	1.3	0.6	0.8	16.6	1995
16 - 20		0.6	0.7	0.2	0.4	2.6	3.4	0.4	*	0.5	1.1	0.3	0.2	10.4	1254
21 - 24		0.2	0.3	*	*	1.3	2.5	0.2	-	0.2	0.7	0.1	0.1	5.8	692
25 - 33		0.3	0.3	*	-	1.1	4.1	0.2	*	0.1	0.5	0.1	-	6.7	809
34 - 47		-	*	-	-	0.1	1.6	-	-	*	0.1	-	-	1.8	221
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	3.5	7.4	7.5	7.1	8.7	14.9	20.6	4.9	2.5	4.6	7.4	5.0	6.1	100.0	
TOTAL N	416	884	904	852	1039	1787	2474	590	296	551	883	596	732		12004

(* < 0.05%)

STATION: SISW1

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	3.8	*	*	*	-	*	*	*	*	*	*	*	*	3.9	494
1 - 3		1.5	1.2	1.2	1.1	0.9	0.9	1.3	0.8	1.5	1.9	2.0	1.8	16.0	2007
4 - 6		1.7	1.5	1.5	1.7	1.7	1.8	1.5	1.1	1.9	2.7	2.2	2.2	21.4	2683
7 - 10		0.8	1.0	1.3	1.9	2.9	3.3	1.3	0.9	1.6	2.4	1.9	1.3	20.6	2581
11 - 15		0.5	0.4	0.4	1.1	2.9	4.0	0.7	0.4	1.1	2.5	0.8	0.8	15.6	1959
16 - 20		0.4	0.3	0.1	0.3	1.6	3.6	0.5	0.1	0.7	2.1	0.3	0.2	10.0	1259
21 - 24		0.1	0.1	-	*	0.7	2.5	0.1	*	0.3	1.2	0.1	*	5.1	636
25 - 33		0.1	*	-	*	0.6	3.7	0.1	*	0.2	0.9	0.1	*	5.8	723
34 - 47		*	*	-	-	0.1	1.3	-	-	*	0.1	-	-	1.5	187
> 48		-	-	-	-	-	*	-	-	-	-	-	-	0.0	1
TOTAL %	3.8	5.1	4.6	4.5	6.3	11.4	20.9	5.5	3.3	7.3	13.8	7.3	6.3	100.0	
TOTAL N	472	644	580	562	785	1426	2624	684	410	915	1724	917	787		12530

(* < 0.05%)

STATION: SISW1

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	2.9	*	*	-	-	-	*	*	*	*	*	*	*	3.0	386
1 - 3		1.0	0.7	0.7	0.7	0.7	0.9	1.5	1.3	1.9	2.7	1.9	1.4	15.5	1965
4 - 6		1.1	0.8	0.9	0.9	1.0	1.8	2.1	2.0	3.2	4.6	3.3	1.6	23.3	2951
7 - 10		0.3	0.5	0.8	0.9	1.8	3.0	1.5	1.6	4.1	5.8	2.3	0.9	23.4	2963
11 - 15		0.1	0.1	0.2	0.4	1.9	3.2	0.6	0.6	3.5	4.7	0.9	0.3	16.7	2115
16 - 20		*	*	-	0.1	1.2	2.5	0.2	0.1	1.4	3.6	0.5	0.1	9.7	1232
21 - 24		-	*	-	-	0.6	1.6	0.1	-	0.3	1.5	0.1	-	4.2	527
25 - 33		-	-	-	-	0.4	2.3	*	-	0.2	0.9	*	-	3.8	486
34 - 47		-	-	-	-	-	0.3	-	-	*	*	-	-	0.3	42
> 48		-	-	-	-	-	-	-	-	*	-	-	-	0.0	1
TOTAL %	2.9	2.7	2.2	2.6	3.0	7.6	15.6	5.9	5.6	14.6	23.9	9.1	4.3	100.0	
TOTAL N	371	341	279	329	375	967	1976	752	714	1848	3027	1147	542		12668

(* < 0.05%)

TOTAL %	2.6	1.0	0.7	0.6	0.9	2.3	5.2	6.7	11.1	32.4	27.1	7.3	2.0	100.0	
TOTAL N	338	123	93	83	110	299	672	863	1430	4153	3473	942	253		12832

(* < 0.05%)

STATION: SISW1

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	4.3	*	*	-	*	*	*	*	*	*	*	*	-	*	4.5	572
1 - 3		1.3	0.8	0.9	0.8	0.8	1.1	2.0	2.1	3.7	4.8	3.7	2.0	24.1	3070	
4 - 6		0.6	0.5	0.6	0.6	1.0	1.5	2.6	2.6	6.2	8.2	4.8	1.4	30.8	3918	
7 - 10		0.1	0.3	0.4	0.3	1.0	1.9	2.3	2.8	4.9	6.3	2.1	0.5	22.9	2918	
11 - 15		*	0.1	*	0.1	0.7	1.5	0.2	1.2	3.8	2.4	0.4	0.1	10.6	1348	
16 - 20		0.1	0.1	*	*	0.3	0.6	*	0.3	1.4	1.5	0.2	-	4.3	553	
21 - 24		*	0.1	-	*	0.1	0.3	*	*	0.2	0.6	0.1	-	1.6	205	
25 - 33		*	*	-	-	0.1	0.4	*	*	0.1	0.5	*	-	1.1	136	
34 - 47		-	-	-	-	-	*	-	-	*	*	-	-	0.0	6	
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0	
TOTAL %	4.3	2.2	1.9	1.9	1.8	4.1	7.4	7.3	9.1	20.3	24.3	11.4	4.0	100.0		
TOTAL N	541	281	245	245	235	519	940	933	1160	2579	3095	1446	507		12726	

(* < 0.05%)

STATION: SISW1

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	5.5	0.1	*	*	*	*	*	*	*	*	*	0.1	*	5.9	765
1 - 3		1.8	1.3	1.5	1.6	1.5	1.5	1.7	1.8	2.4	3.3	3.0	2.0	23.3	3040
4 - 6		1.4	1.2	1.5	1.7	1.8	2.5	2.0	1.5	2.4	3.6	3.0	2.0	24.6	3218
7 - 10		0.5	0.5	0.6	1.2	2.4	2.7	2.0	1.3	1.7	2.0	1.6	1.1	17.7	2316
11 - 15		0.4	0.3	0.2	0.6	2.0	3.3	0.7	0.5	1.6	2.5	0.7	0.3	13.0	1704
16 - 20		0.3	0.1	*	0.1	1.1	1.9	0.3	0.1	0.6	2.4	0.2	0.1	7.2	942
21 - 24		*	*	-	*	0.6	1.3	0.1	*	0.2	0.8	0.1	*	3.3	432
25 - 33		*	*	-	-	0.6	2.5	0.1	*	0.1	0.5	0.1	-	3.9	513
34 - 47		-	-	-	-	0.1	0.8	*	-	0.1	*	-	-	1.0	133
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	5.5	4.5	3.5	3.8	5.2	10.2	16.6	6.9	5.4	9.1	15.1	8.8	5.5	100.0	
TOTAL N	718	592	454	496	684	1326	2162	905	699	1190	1969	1145	723		13063

(* < 0.05%)

STATION: SISW1

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	1.9	*	*	*	*	*	-	*	*	*	*	*	*	2.1	262
1 - 3		1.2	1.2	1.2	1.2	0.9	0.8	0.8	0.6	0.7	0.6	0.9	0.9	11.0	1383
4 - 6		1.3	1.3	2.1	2.5	1.9	1.4	1.1	0.7	0.8	0.7	0.8	1.4	16.1	2026
7 - 10		1.5	1.1	2.2	3.2	4.3	3.7	1.4	0.8	1.1	1.1	1.0	1.2	22.5	2836
11 - 15		0.8	0.5	1.0	2.2	5.7	5.7	0.8	0.4	0.8	1.7	0.8	0.5	20.9	2637
16 - 20		0.2	0.2	0.1	0.5	3.1	4.2	0.4	0.1	0.7	1.8	0.5	0.3	12.0	1516
21 - 24		0.1	0.2	*	0.1	1.4	2.9	0.1	*	0.4	0.9	0.1	*	6.3	796
25 - 33		0.1	0.3	-	*	1.5	3.7	0.1	-	0.3	1.0	*	*	7.2	907
34 - 47		0.1	-	-	-	0.2	1.4	*	-	*	0.1	-	-	1.9	239
> 48		-	-	-	-	-	*	-	-	-	-	-	-	0.0	5
TOTAL %	1.9	5.3	4.8	6.6	9.8	19.1	23.8	4.9	2.5	4.9	8.0	4.1	4.4	100.0	
TOTAL N	234	673	610	829	1233	2406	2998	612	313	621	1006	519	553		12607

(* < 0.05%)

STATION: SISW1

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	2.5	0.1	*	0.1	*	*	*	*	*	*	*	*	*	2.8	366
1 - 3		1.3	1.2	1.7	1.8	1.1	0.8	0.5	0.2	0.4	0.3	0.5	1.0	10.6	1391
4 - 6		2.2	1.8	2.5	3.1	2.2	1.1	0.7	0.3	0.4	0.4	0.3	1.3	16.3	2127
7 - 10		2.2	1.5	2.7	3.3	3.7	2.5	1.2	0.5	0.5	0.5	0.4	1.4	20.3	2663
11 - 15		1.4	0.8	1.6	2.2	4.7	4.4	0.7	0.3	0.8	1.0	0.3	0.7	19.0	2484
16 - 20		0.5	0.4	0.2	0.5	4.0	4.2	0.4	0.1	0.7	1.3	0.2	0.2	12.7	1662

21 - 24	0.2	0.2	-	0.1	2.1	3.0	0.2	*	0.4	1.0	0.1	*	7.2	947
25 - 33	0.2	0.3	*	-	2.0	4.2	0.2	*	0.5	1.1	*	*	8.5	1114
34 - 47	0.1	0.1	-	-	0.4	1.6	*	-	0.1	0.3	-	-	2.5	331
> 48	-	-	-	-	-	*	-	-	-	-	-	-	0.0	1
TOTAL %	2.5	8.1	6.4	8.7	11.0	20.2	21.7	3.9	1.4	3.7	5.8	1.9	4.6	100.0
TOTAL N	329	1056	838	1144	1438	2643	2846	509	186	488	758	250	601	13086

(* < 0.05%)

STATION: SISW1

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

All Months: Annual

		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	2.9	*	*	*	*	*	*	*	*	*	*	*	*	3.1	4792
1 - 3		1.1	0.9	1.0	1.0	0.9	0.9	1.3	1.2	1.9	2.3	1.8	1.3	15.5	23700
4 - 6		1.1	1.0	1.3	1.4	1.4	1.5	1.8	1.7	3.3	4.1	2.3	1.3	22.2	33984
7 - 10		0.8	0.7	1.1	1.5	2.1	2.4	1.7	1.8	3.8	4.3	1.4	0.8	22.4	34270
11 - 15		0.5	0.4	0.5	0.9	2.3	2.9	0.6	0.9	4.3	3.5	0.5	0.4	17.7	26994
16 - 20		0.2	0.2	0.1	0.2	1.5	2.2	0.2	0.3	2.2	2.3	0.3	0.1	9.8	14909
21 - 24		0.1	0.1	*	*	0.7	1.5	0.1	*	0.5	1.1	0.1	*	4.3	6555
25 - 33		0.1	0.1	*	*	0.7	2.2	0.1	*	0.2	0.7	*	*	4.1	6281
34 - 47		*	*	-	-	0.1	0.7	*	-	*	0.1	*	-	0.9	1348
> 48		-	-	-	-	-	*	-	-	*	-	*	-	0.0	9
TOTAL %	2.9	3.9	3.3	3.9	5.0	9.7	14.4	5.8	5.9	16.3	18.5	6.5	3.9	100.0	
TOTAL N	4485	5923	5118	6012	7702	14757	21978	8898	8993	24838	28279	9918	5941	152842	

(* < 0.05%)

STATION: SISW1

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

Months: DEC, JAN, FEB (Winter)

		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	2.8	*	*	*	*	*	*	*	*	*	*	*	*	3.0	1116
1 - 3		1.3	1.2	1.5	1.5	1.1	0.8	0.7	0.5	0.7	0.7	0.8	1.2	12.1	4520
4 - 6		2.1	2.0	2.5	2.8	2.2	1.4	0.9	0.5	0.6	0.7	0.7	1.4	17.8	6678
7 - 10		1.9	1.7	2.6	3.3	3.7	2.9	1.1	0.6	0.6	0.7	0.6	1.3	21.1	7931
11 - 15		1.3	1.1	1.3	2.0	4.4	4.2	0.8	0.3	0.7	1.2	0.4	0.7	18.2	6841
16 - 20		0.6	0.5	0.2	0.5	3.1	3.9	0.4	0.1	0.6	1.3	0.3	0.2	11.5	4307
21 - 24		0.2	0.2	*	0.1	1.7	2.8	0.2	*	0.3	0.9	0.1	*	6.6	2482
25 - 33		0.2	0.2	*	-	1.5	4.4	0.2	*	0.3	0.9	0.1	*	7.7	2901
34 - 47		*	*	-	-	0.2	1.4	*	-	0.1	0.2	-	-	1.9	723
> 48		-	-	-	-	-	*	-	-	-	-	-	-	0.0	1
TOTAL %	2.8	7.7	6.8	8.2	10.1	17.9	21.8	4.5	2.0	3.8	6.6	2.9	4.9	100.0	
TOTAL N	1042	2870	2563	3068	3805	6728	8158	1673	743	1432	2489	1105	1824	37500	

(* < 0.05%)

STATION: SISW1

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

Months: MAR, APR, MAY (Spring)

		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	2.9	*	*	*	-	*	*	*	*	*	*	*	*	3.1	1181
1 - 3		1.1	0.8	0.9	0.8	0.8	0.9	1.4	1.1	1.8	2.5	1.9	1.4	15.5	5911
4 - 6		1.1	0.9	1.0	1.1	1.2	1.7	2.0	1.8	3.2	4.3	2.9	1.7	22.7	8649
7 - 10		0.4	0.6	0.8	1.1	1.8	2.8	1.7	1.5	4.1	5.2	2.2	0.8	22.9	8721
11 - 15		0.2	0.2	0.2	0.6	1.9	3.1	0.6	0.6	3.9	4.8	0.8	0.4	17.4	6643
16 - 20		0.1	0.1	*	0.1	1.1	2.4	0.2	0.2	1.7	3.2	0.3	0.1	9.7	3679
21 - 24		*	*	-	*	0.5	1.6	0.1	*	0.4	1.5	0.1	*	4.3	1621
25 - 33		*	*	-	*	0.3	2.2	0.1	*	0.2	0.9	0.1	*	3.9	1475
34 - 47		*	*	-	-	*	0.5	-	-	*	*	*	-	0.6	235
> 48		-	-	-	-	-	*	-	-	*	-	-	-	0.0	2
TOTAL %	2.9	3.1	2.6	2.9	3.7	7.6	15.2	6.1	5.3	15.4	22.5	8.3	4.4	100.0	
TOTAL N	1124	1173	992	1106	1414	2907	5790	2325	2016	5868	8560	3148	1694	38117	

(* < 0.05%)

STATION: SISW1

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

Months: JUN, JUL, AUG (Summer)

		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	2.1	*	*	*	*	*	*	*	*	*	*	*	*	2.3	896
1 - 3		0.5	0.3	0.4	0.4	0.5	0.8	1.5	1.6	2.8	3.3	2.0	0.9	14.9	5776
4 - 6		0.3	0.2	0.2	0.3	0.5	1.1	2.5	2.8	6.1	7.2	2.7	0.6	24.5	9495
7 - 10		*	0.1	0.1	0.2	0.5	1.4	1.9	3.3	7.6	8.0	1.4	0.2	24.6	9548

11 - 15	*	*	*	*	0.4	0.9	0.3	2.1	10.2	5.9	0.3	*	20.1	7821
16 - 20	-	-	*	*	0.2	0.5	*	0.6	5.7	2.9	0.1	*	10.1	3912
21 - 24	-	-	*	-	0.1	0.2	*	0.1	1.2	1.1	0.1	-	2.6	1019
25 - 33	-	-	-	-	0.1	0.1	*	*	0.3	0.4	*	-	0.9	349
34 - 47	-	-	-	-	-	*	-	-	*	*	-	-	0.0	12
> 48	-	-	-	-	-	-	-	-	-	-	*	-	0.0	1
TOTAL %	2.1	0.9	0.7	0.7	0.9	2.2	5.0	6.3	10.5	33.9	28.7	6.6	1.6	100.0
TOTAL N	826	334	254	268	331	871	1930	2450	4062	13148	11160	2555	640	38829

(* < 0.05%)

STATION: SISW1

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	3.9	*	*	*	*	*	*	*	*	*	*	*	*	4.2	1599
1 - 3		1.5	1.1	1.2	1.2	1.1	1.2	1.5	1.5	2.2	2.9	2.5	1.6	19.5	7493
4 - 6		1.1	1.0	1.4	1.6	1.6	1.8	1.9	1.6	3.1	4.2	2.9	1.6	23.9	9162
7 - 10		0.7	0.6	1.0	1.6	2.5	2.8	1.9	1.6	2.6	3.1	1.6	0.9	21.0	8070
11 - 15		0.4	0.3	0.4	1.0	2.8	3.5	0.6	0.7	2.1	2.2	0.6	0.3	14.8	5689
16 - 20		0.2	0.1	*	0.2	1.5	2.2	0.2	0.2	0.9	1.9	0.3	0.1	7.8	3011
21 - 24		0.1	0.1	*	*	0.7	1.5	0.1	*	0.3	0.8	0.1	*	3.7	1433
25 - 33		*	0.1	-	*	0.7	2.2	0.1	*	0.2	0.6	*	*	4.1	1556
34 - 47		*	-	-	-	0.1	0.7	*	-	*	*	-	-	1.0	378
> 48		-	-	-	-	-	*	-	-	-	-	-	-	0.0	5
TOTAL %	3.9	4.0	3.4	4.1	5.6	11.1	15.9	6.4	5.7	11.4	15.8	8.1	4.6	100.0	
TOTAL N	1493	1546	1309	1570	2152	4251	6100	2450	2172	4390	6070	3110	1783	38396	

(* < 0.05%)

Summary complete: 09-Sep-2003 08:53:22