

STATION: SAUF1

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

ELEMENT: AIR TEMPERATURE (DEGREES C) -- POR: (9/1986 - 12/2001) (131278 RECORDS, 99.2% HAVE ELEMENT)

	JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC		ANN	
	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF
38	-	-	-	-	-	-	-	-	-	-	2	#	1	#	-	-	-	-	-	-	-	-	-	-	3	#
37	-	-	-	-	-	-	-	-	2	#	2	999	5	999	-	-	1	#	-	-	-	-	-	-	10	999
36	-	-	-	-	-	-	-	-	2	999	10	999	7	999	13	#	4	999	-	-	-	-	-	-	36	999
35	-	-	-	-	-	-	-	-	4	999	16	999	13	999	21	999	3	999	-	-	-	-	-	-	57	999
34	-	-	-	-	-	-	-	-	10	999	26	997	39	998	24	997	9	999	-	-	-	-	-	-	108	999
33	-	-	-	-	-	-	2	#	9	998	46	994	110	994	45	995	20	998	-	-	-	-	-	-	232	998
32	-	-	-	-	-	-	11	999	30	998	66	990	124	984	99	991	22	997	4	#	-	-	-	-	356	997
31	-	-	-	-	4	#	13	999	54	995	132	983	217	972	198	982	63	995	11	999	-	-	-	-	692	994
30	-	-	1	#	11	999	32	998	116	990	188	970	381	952	431	964	191	989	30	999	-	-	-	-	1381	989
29	2	#	4	999	18	999	65	995	141	979	351	951	888	917	838	924	436	972	141	996	12	#	-	-	2896	978
28	5	999	16	999	35	997	67	988	197	966	610	916	1772	835	2090	848	2008	933	337	984	25	999	4	#	7166	956
27	16	999	27	998	51	994	83	982	321	949	1377	854	1976	671	2265	658	2718	753	936	955	60	997	12	999	9842	901
26	26	998	46	995	84	989	128	974	911	919	2080	715	1833	488	1734	452	1874	510	1275	876	120	991	33	999	10144	826
25	39	996	55	991	96	981	228	962	1620	836	1802	506	1533	319	1474	294	1583	343	1366	767	243	981	56	996	10095	749
24	81	992	79	985	121	973	408	941	1955	689	1616	325	1206	177	1113	160	1226	201	1653	651	498	959	94	991	10050	672
23	85	985	101	977	174	962	892	902	1744	511	1017	162	571	66	545	58	587	92	1535	510	1071	915	180	983	8502	596
22	133	977	157	967	322	946	1205	819	1459	352	423	60	116	13	91	9	268	39	1202	380	1440	819	369	968	7185	531
21	220	965	250	952	612	917	1568	705	975	219	113	17	18	2	4	*	89	15	948	278	1451	691	656	936	6904	476
20	349	945	463	927	949	861	1453	558	634	130	38	6	5	*	-	-	48	7	735	197	1309	561	785	880	6768	424
19	544	913	657	881	1248	774	1180	421	359	72	9	2	-	-	-	-	23	3	503	134	1060	444	930	813	6513	372
18	794	864	802	815	1437	660	883	310	188	40	8	1	-	-	-	-	4	1	318	91	790	350	991	734	6215	323
17	1003	792	904	736	1399	529	671	227	102	23	-	-	-	-	-	-	3	*	242	64	650	279	977	650	5951	275
16	1106	701	983	646	985	402	486	164	38	13	-	-	-	-	-	-	2	*	173	44	474	222	1101	567	5348	230
15	1049	601	839	548	744	312	312	118	33	10	-	-	-	-	-	-	-	-	111	29	391	179	931	473	4410	189
14	908	505	840	465	660	244	293	89	16	7	-	-	-	-	-	-	-	-	80	20	386	144	778	393	3961	156
13	871	423	880	381	476	184	225	62	25	5	-	-	-	-	-	-	-	-	45	13	275	110	644	327	3441	125
12	692	344	773	293	367	141	168	40	13	3	-	-	-	-	-	-	-	-	28	9	227	85	557	272	2825	99
11	602	281	553	217	290	107	107	25	11	2	-	-	-	-	-	-	-	-	27	7	205	65	471	225	2266	78
10	503	227	437	162	239	81	43	14	5	1	-	-	-	-	-	-	-	-	24	4	164	47	463	185	1878	60
9	462	181	323	118	203	59	41	10	5	*	-	-	-	-	-	-	-	-	14	2	130	32	411	145	1589	46
8	352	139	217	86	156	41	26	7	-	-	-	-	-	-	-	-	-	-	11	1	92	21	324	110	1178	34
7	290	107	175	64	99	26	19	4	-	-	-	-	-	-	-	-	-	-	1	*	63	12	271	83	918	25
6	282	81	139	47	89	17	12	2	-	-	-	-	-	-	-	-	-	-	1	*	37	7	189	60	749	18
5	192	55	108	33	43	9	8	1	-	-	-	-	-	-	-	-	-	-	-	-	19	4	144	43	514	12
4	133	38	81	22	16	5	5	*	-	-	-	-	-	-	-	-	-	-	-	-	15	2	127	31	377	8
3	85	26	51	14	17	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	1	76	20	235	5
2	69	18	29	9	8	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	52	14	158	4
1	73	12	18	6	6	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	29	9	126	2
0	36	5	21	5	6	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	22	7	85	2
-1	13	2	17	3	6	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13	5	49	1
-2	8	1	7	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9	4	24	*
-3	1	*	2	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13	3	16	*
-4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	2	5	*
-5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	2	6	*
-6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12	1	12	*
-7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	*	2	*
MEAN	13.8		14.6		16.7		19.6		23.2		25.5		26.6		26.6		26.1		22.9		19.0		15.0		20.8	
S.D.	4.7		4.5		4.1		3.6		2.8		2.2		2.2		2.1		2.0		3.3		4.1		5.0		5.9	
TOTAL	11024		10055		10971		10634		10979		9932		10815		10985		11182		11751		11213		11737		131278	
MAX	28.9		29.5		31.3		32.6		36.7		37.8		37.7		36.3		37.2		32.1		29.4		27.9		37.8	
DATE	2001011921		1990020420		2001031520		1999041121		2000052820		1998060221		2000072019		1999080116		1999090520		1986100521		2000111919		1998122221		1998060221	
MIN	-2.5		-2.8		-1.0		3.7		8.8		17.6		19.6		21.2		15.9		6.2		2.9		-6.7		-6.7	
DATE	1996010813		1995020912		1996030912		1987040411		1992050811		1997060709		1994072911		1997080113		1990092412		1989102011		2000112212		1989122412		1989122412	

(* < 0.05% , # = 100.0%)

STATION: SAUF1

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

ELEMENT: SEA TEMPERATURE (DEGREES C) -- POR: (9/1986 - 12/2001) (115519 RECORDS, 87.3% HAVE ELEMENT)

	JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC		ANN	
	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF
32	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	#	-	-	-	-	-	-	-	-	1	#
31	-	-	-	-	-	-	-	-	-	-	-	-	45	#	92	999	27	#	-	-	-	-	-	-	164	999
30	-	-	-	-	-	-	-	-	-	-	42	#	460	995	609	991	805	997	14	#	-	-	-	-	1930	999
29	-	-	-	-	-	-	-	-	7	#	491	995	1928	947	2497	929	2927	921	165	999	-	-	-	-	8015	982
28	-	-	-	-	-	-	-	-	99	999	1744	942	3212	747	3214	678	3774	643	753	984	-	-	-	-	12796	912
27	-	-	-	-	-	-	-	-	590	989	2502	753	1946	413	1605	355	2148	284	1484	915	-	-	-	-	10275	802
26	-	-	-	-	-	-	-	-	1256	928	1804	482	831	210	858	193	671	80	1606	779	1	#	-	-	7027	713

25	-	-	-	-	-	-	71	#	1921	799	1397	286	389	124	549	107	142	16	1587	632	89	999	-	-	6145	652	
24	-	-	-	-	-	-	248	992	2200	602	877	134	408	83	234	51	20	2	2004	487	422	991	41	#	6454	599	
23	-	-	-	-	-	2	#	520	964	1615	376	320	39	209	41	128	28	5	*	1853	303	1542	948	207	996	6401	543
22	-	-	-	-	20	999	1089	906	996	210	39	5	156	19	60	15	-	-	1163	134	1903	790	332	976	5758	487	
21	-	-	6	#	112	997	1758	785	739	107	3	*	25	3	48	9	-	-	180	28	1764	596	466	943	5101	438	
20	19	#	122	999	601	985	2167	589	289	31	-	-	-	-	41	4	-	-	109	11	1793	415	586	898	5727	393	
19	174	998	279	984	1316	916	1716	347	17	2	-	-	-	-	-	-	-	-	12	1	1277	232	1060	841	5851	344	
18	308	980	452	950	1574	767	877	156	-	-	-	-	-	-	-	-	-	-	-	-	839	101	1894	737	5944	293	
17	1160	948	808	895	2029	588	480	58	-	-	-	-	-	-	-	-	-	-	-	-	153	16	1926	552	6556	242	
16	1414	826	1354	797	1597	357	39	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1455	365	5859	185
15	2068	679	1905	632	918	176	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1048	223	5939	134
14	1896	462	1880	401	403	71	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	584	120	4763	83
13	1519	264	1003	172	156	26	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	404	63	3082	42
12	526	105	304	50	68	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	76	24	974	15
11	350	50	103	13	1	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	70	16	524	7
10	124	14	1	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	36	10	161	2
9	9	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	43	6	52	1
8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20	2	20	*
7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	*
MEAN	14.6		15.1		17.1		20.1		23.9		26.3		27.4		27.6		28.0		24.7		20.9		17.2		22.1		
S.D.	1.8		1.8		1.7		1.7		1.8		1.5		1.7		1.7		1.1		1.9		1.7		2.5		5.1		
TOTAL	9567		8217		8797		8965		9729		9219		9609		9936		10519		10930		9783		10248		115519		
MAX	19.9		20.6		22.6		25.4		28.9		30.2		31.3		31.5		30.8		29.9		25.5		24.0		31.5		
DATE	1999013019	1999021101	1998033022	1991042721	1991052923	1998062822	1999071822	1995081822	1989090222	1986100221	1995110221	1998120521	1995081822														
MIN	9.3		10.4		11.4		15.9		19.0		21.2		21.1		19.8		23.2		19.2		16.7		7.9		7.9		
DATE	2001010515	1996020614	1996031216	1996040210	1992050910	1990061115	1989071811	1996080304	2001093023	1992102813	2000112314	1989122508	1989122508														
(* < 0.05% , # = 100.0%)																											

(* < 0.05% , # = 100.0%)

STATION: SAUF1

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

ELEMENT: AIR - SEA TEMPERATURE (DEGREES C) -- POR: (9/1986 - 12/2001) (115415 RECORDS, 87.3% HAVE ELEMENT)

	JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC		ANN		
	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	
15	2	#	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	#	
14	1	999	1	#	4	#	1	#	-	-	4	#	2	#	-	-	-	-	-	-	-	-	-	-	13	999	
13	2	999	8	999	15	999	6	999	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	31	999	
12	12	999	18	999	18	998	6	999	-	-	8	999	5	999	-	-	-	-	-	-	-	-	-	1	#	68	999
11	21	998	42	997	19	996	15	999	7	#	12	999	5	999	8	#	-	-	-	-	-	-	5	999	134	999	
10	39	996	55	992	48	994	22	997	9	999	17	997	18	999	7	999	-	-	-	-	-	-	2	999	217	998	
9	50	992	62	985	59	988	38	994	29	998	19	996	12	997	10	998	1	#	-	-	1	#	8	999	289	996	
8	94	987	79	977	76	981	48	990	33	995	40	993	50	996	13	997	2	999	-	-	4	999	28	998	467	993	
7	143	977	126	968	98	973	78	985	70	992	49	989	55	990	30	996	3	999	3	#	-	-	26	996	681	989	
6	140	962	174	952	159	962	100	976	94	985	84	984	92	985	46	993	8	999	10	999	17	999	48	993	972	984	
5	198	947	276	931	194	944	135	965	111	975	101	975	126	975	62	989	15	999	25	999	64	998	86	988	1393	975	
4	351	927	378	897	332	921	214	950	179	964	160	964	192	962	184	982	27	997	62	997	134	991	150	980	2363	963	
3	635	890	617	851	476	884	380	926	246	945	239	946	313	942	298	964	90	995	159	991	219	977	302	965	3974	943	
2	998	823	1003	776	995	830	706	884	419	920	378	920	545	909	446	934	166	986	385	976	612	955	661	936	7314	908	
1	1158	719	1146	654	1509	716	1250	805	836	877	828	879	965	853	793	889	359	970	1197	941	1421	892	1132	871	12594	845	
0	1058	598	904	514	1476	545	1878	665	1888	791	1394	789	1330	752	1494	809	922	936	2245	832	1694	747	1406	761	17689	736	
-1	1158	487	905	404	988	377	1604	455	2663	597	2099	638	2210	614	2641	658	2760	849	2195	626	1479	574	1530	624	22232	582	
-2	845	366	660	293	657	264	843	276	1585	323	1826	410	1539	383	1742	392	2822	586	1585	425	991	423	1065	474	16160	390	
-3	593	278	466	213	476	189	508	182	773	160	955	212	1105	223	980	217	1439	318	991	280	709	321	708	370	9703	250	
-4	467	216	345	156	355	135	412	125	422	80	634	108	744	108	747	118	1043	181	697	189	554	249	538	301	6958	166	
-5	375	167	237	114	262	95	270	79	203	37	284	39	261	31	347	43	554	82	512	126	469	192	477	249	4251	105	
-6	303	127	175	85	202	65	167	49	71	16	67	8	28	3	64	8	224	29	295	79	326	144	421	202	2343	69	
-7	235	96	138	64	146	42	116	30	39	9	8	1	2	*	12	1	66	8	191	52	280	111	423	161	1656	48	
-8	195	71	124	47	110	25	82	18	17	5	3	*	1	*	-	-	10	1	151	34	228	82	381	120	1302	34	
-9	179	51	96	32	43	13	48	8	11	3	-	-	1	*	-	-	1	*	91	20	174	59	284	82	928	23	
-10	113	32	55	20	35	8	16	3	16	2	-	-	-	-	-	-	2	*	45	12	138	41	196	55	616	15	
-11	77	20	34	13	12	4	4	1	2	*	-	-	-	-	-	-	2	*	24	8	118	27	137	35	410	9	
-12	49	12	31	9	9	3	6	1	-	-	-	-	-	-	-	-	-	-	23	6	80	15	88	22	286	6	
-13	37	7	18	5	5	1	1	*	-	-	-	-	-	-	-	-	-	-	19	4	26	7	54	13	160	3	
-14	12	3	16	3	2	1	-	-	-	-	-	-	-	-	-	-	-	-	8	2	14	4	49	8	101	2	
-15	15	2	9	1	5	1	-	-	-	-	-	-	-	-	-	-	-	-	12	1	12	2	21	3	74	1	
-16	3	*	2	*	1	*	-	-	-	-	-	-	-	-	-	-	-	-	2	*	5	1	11	1	24	*	
-17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	1	3	*	6	*	
-18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	*	-	-	4	*	
-19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	*	
MEAN	-0.7		0.0		0.0		-0.4		-0.7		-0.8		-0.7		-1.0		-1.9		-1.6		-1.8		-2.2		-1.0		
S.D.	4.1		4.0		3.4		2.9		2.3		2.4		2.4		2.2		1.7		2.6		3.4		3.9		3.1		
TOTAL	9558		8200		8786		8954		9723		9209		9601		9924		10516		10927		9776		10241		115415		
MAX	14.6		14.3		14.2		13.7		11.1		14.3		13.8		11.2		9.0		7.0		8.6		11.5		14.6		
DATE	2001011920		2001021519		2001030321		2001041320		1998052221		1998060621		2000072019		1989080621		1999090520		2001102519		2000111919		1989123120		2001011920		
MIN	-15.9		-15.6		-15.7		-12.5		-10.6		-8.2		-8.5		-6.8		-11.0		-15.8		-18.1		-16.9		-18.1		
DATE	1999010412		1995020912		1996030912		2000040911		1999050105		2000062322		1997072523		2001080523		1990092412		1989102010		1993111012		2000122011		1993111012		
(* < 0.05% , # = 100.0%)																											

STATION: SAUF1

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

ELEMENT: DEW POINT TEMPERATURE (DEGREES C) -- POR: (5/2001 - 12/2001) (5420 RECORDS, 4.1% HAVE ELEMENT)

	JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC		ANN		
	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	
26	-	-	-	-	-	-	-	-	-	-	-	-	1	#	-	-	-	-	-	-	-	-	-	-	1	#	
25	-	-	-	-	-	-	-	-	-	-	1	#	15	999	28	#	2	#	-	-	-	-	-	-	46	999	
24	-	-	-	-	-	-	-	-	-	-	54	999	126	978	74	947	18	997	-	-	-	-	-	-	272	991	
23	-	-	-	-	-	-	-	-	24	#	169	923	277	806	97	807	134	972	18	#	-	-	-	-	719	941	
22	-	-	-	-	-	-	-	-	73	955	164	686	206	428	146	623	198	784	90	976	-	-	-	-	877	808	
21	-	-	-	-	-	-	-	-	50	819	194	456	53	147	112	347	103	506	90	855	5	#	25	#	632	647	
20	-	-	-	-	-	-	-	-	70	725	90	184	21	75	47	134	76	361	73	734	59	993	138	966	574	530	
19	-	-	-	-	-	-	-	-	55	594	27	58	16	46	19	45	40	254	62	636	103	910	115	781	437	424	
18	-	-	-	-	-	-	-	-	50	492	9	20	6	25	4	9	45	198	53	552	116	765	61	626	344	344	
17	-	-	-	-	-	-	-	-	95	398	4	7	4	16	1	2	27	135	60	481	124	602	40	544	355	280	
16	-	-	-	-	-	-	-	-	71	221	1	1	8	11	-	-	25	97	40	401	72	428	35	491	252	215	
15	-	-	-	-	-	-	-	-	25	88	-	-	-	-	-	-	28	62	46	347	51	326	17	444	167	168	
14	-	-	-	-	-	-	-	-	8	41	-	-	-	-	-	-	12	22	20	285	42	255	3	421	85	137	
13	-	-	-	-	-	-	-	-	12	26	-	-	-	-	-	-	2	6	20	258	32	195	5	417	71	122	
12	-	-	-	-	-	-	-	-	2	4	-	-	-	-	-	-	2	3	23	231	33	150	9	410	69	108	
11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15	200	9	104	35	398	59	96	
10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	29	180	15	91	39	351	83	85	
9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	24	141	17	70	24	298	65	70	
8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10	109	16	46	24	266	50	58	
7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	95	7	24	20	234	29	48	
6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	93	2	14	20	207	29	43	
5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11	83	3	11	19	180	33	38	
4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	69	2	7	19	155	26	32	
3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	62	2	4	26	129	34	27	
2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	54	1	1	17	94	24	20	
1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	46	-	-	9	71	12	16	
0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8	42	-	-	3	59	11	14	
-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	31	-	-	8	55	12	12	
-2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	26	-	-	6	44	11	10	
-3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	19	-	-	5	36	8	8	
-4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	15	-	-	8	30	9	6	
-5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	13	-	-	5	19	8	4	
-6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	9	-	-	4	12	8	3	
-7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	4	-	-	3	7	6	1	
-8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	*	
-9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	3	1	*
-10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	1	*	
MEAN	-	-	-	-	-	-	-	-	18.6		21.6		22.4		22.0		20.6		15.9		16.0		13.2		18.6		
S.D.	-	-	-	-	-	-	-	-	2.5		1.4		1.4		1.5		2.5		6.3		3.4		7.3		5.2		
TOTAL	-	-	-	-	-	-	-	-	535		713		733		528		712		744		711		744		5420		
MAX	-	-	-	-	-	-	-	-	23.2		24.5		25.5		25.4		24.6		23.2		20.7		21.1		25.5		
DATE	-	-	-	-	-	-	-	-	2001052602		2001060820		2001071018		2001081723		2001090118		2001102423		2001110317		2001121501		2001071018		
MIN	-	-	-	-	-	-	-	-	12.0		16.0		15.5		17.4		11.9		-7.3		2.4		-9.5		-9.5		
DATE	-	-	-	-	-	-	-	-	2001052418		2001060221		2001071517		2001082718		2001093023		2001102717		2001110706		2001122621		2001122621		
(* < 0.05% , # = 100.0%)																											

(* < 0.05% , # = 100.0%)

STATION: SAUF1

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

ELEMENT: AIR - DEW POINT TEMPERATURE (DEGREES C) -- POR: (5/2001 - 12/2001) (5420 RECORDS, 4.1% HAVE ELEMENT)

	JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC		ANN	
	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF
27	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	#	-	-	-	-	1	#
26	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	999	-	-	-	-	1	999
25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999
24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999
23	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	997	-	-	-	-	4	999
22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	992	-	-	-	-	3	999
21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	988	-	-	-	-	4	998
20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	983	-	-	2	#	4	998
19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	980	-	-	-	-	2	997
18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	977	-	-	1	997	5	996
17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	972	-	-	2	996	8	996
16	-	-	-	-	-	-	-	-	-	-	3	#	1	#	-	-	-	-	5	964	2	#	4	993	15	994
15	-	-	-	-	-	-	-	-	-	-	4	996	-	-	-	-	-	-	7	957	1	997	6	988	18	991
14	-	-	-	-	-	-	-	-	-	-	2	990	1	999	-	-	-	-	8	948	2	996	8	980	21	988
13	-	-	-	-	-	-	-	-	1	#	-	-	2	997	-	-	-	-	9	937	4	993	2	969	18	984
12	-	-	-	-	-	-	-	-	11	998	6	987	2	995	-	-	-	-	9	925	8	987	24	966	60	981
11	-	-	-	-	-	-	-	-	7	978	2	979	7	992	2	#	-	-	18	913	13	976	22	934	71	970

10	-	-	-	-	-	-	-	-	7	964	6	976	6	982	4	996	1	#	29	888	15	958	31	905	99	957	
9	-	-	-	-	-	-	-	-	15	951	10	968	12	974	7	989	7	999	43	849	15	937	31	863	140	938	
8	-	-	-	-	-	-	-	-	13	923	17	954	21	958	11	975	19	989	65	792	28	916	39	821	213	913	
7	-	-	-	-	-	-	-	-	35	899	26	930	25	929	26	955	57	962	83	704	19	876	34	769	305	873	
6	-	-	-	-	-	-	-	-	66	834	32	893	59	895	73	905	72	882	102	593	36	850	49	723	489	817	
5	-	-	-	-	-	-	-	-	77	710	84	849	129	814	95	767	119	781	69	456	58	799	60	657	691	727	
4	-	-	-	-	-	-	-	-	107	566	164	731	179	638	96	587	200	614	68	363	99	717	51	577	964	599	
3	-	-	-	-	-	-	-	-	101	366	174	501	109	394	113	405	112	333	54	272	185	578	74	508	922	421	
2	-	-	-	-	-	-	-	-	69	178	150	257	125	246	76	191	96	176	78	199	173	318	169	409	936	251	
1	-	-	-	-	-	-	-	-	26	49	33	46	55	75	25	47	29	41	70	94	53	75	127	181	418	79	
0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8	11	8	1		
MEAN	-	-	-	-	-	-	-	-	4.5		3.9		4.1		4.1		4.2		6.2		4.0		4.7		4.5		
S.D.	-	-	-	-	-	-	-	-	2.4		2.3		2.1		1.8		1.7		4.2		2.7		3.8		2.9		
TOTAL	-	-	-	-	-	-	-	-	535		713		733		528		712		744		711		744		5420		
MAX	-	-	-	-	-	-	-	-	13.0		16.4		15.9		10.8		9.7		26.5		15.7		20.3		26.5		
DATE	-	-	-	-	-	-	-	-	2001051616	2001060221	2001070919	2001082718	2001091704	2001102622	2001110709	2001122621	2001122621	2001122621	2001122621	2001122621	2001122621	2001122621	2001122621	2001122621	2001122621		
MIN	-	-	-	-	-	-	-	-	0.6		0.8		0.5		0.9		0.6		0.6		0.5		0.4		0.4		
DATE	-	-	-	-	-	-	-	-	2001053010	2001062818	2001071411	2001080110	2001091423	2001102315	2001111421	2001121314	2001121314	2001121314	2001121314	2001121314	2001121314	2001121314	2001121314	2001121314	2001121314		
(* < 0.05% , # = 100.0%)																											

(* < 0.05% , # = 100.0%)

STATION: SAUF1

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

ELEMENT: SEA LEVEL PRESSURE (MILLIBARS) -- POR: (9/1986 - 12/2001) (131314 RECORDS, 99.3% HAVE ELEMENT)

	JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC		ANN	
	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF
1040	3	#	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	#
1039	5	999	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	999
1038	19	999	10	#	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	29	999
1037	32	998	18	999	1	#	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	#	55	999
1036	19	995	21	997	4	999	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11	999	55	999
1035	38	993	23	995	3	999	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12	999	76	999
1034	34	989	21	993	7	999	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15	998	77	998
1033	43	986	27	991	10	999	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12	#	17	996	109	998
1032	59	983	61	988	30	998	-	-	-	-	-	-	-	-	-	-	-	-	-	-	19	999	31	995	200	997
1031	93	977	77	982	82	995	4	#	-	-	-	-	-	-	-	-	-	-	4	#	11	997	43	992	314	995
1030	126	969	109	974	82	988	16	999	-	-	-	-	-	-	-	-	-	-	12	999	40	996	109	989	494	993
1029	237	957	208	964	121	980	27	998	-	-	-	-	-	-	-	-	-	-	28	999	83	993	172	979	876	989
1028	331	936	252	943	167	969	44	996	-	-	-	-	-	-	-	-	-	-	42	996	133	985	266	965	1235	983
1027	476	906	335	918	240	954	74	991	4	#	-	-	-	-	-	-	-	-	71	993	241	973	386	942	1827	973
1026	616	863	389	885	281	932	114	984	14	999	12	#	1	#	-	-	-	-	163	987	360	952	587	909	2537	959
1025	765	807	614	846	350	906	210	974	39	998	30	999	55	999	1	#	4	#	236	973	587	920	739	859	3630	940
1024	703	738	740	785	459	875	345	954	93	995	103	996	143	995	14	999	30	999	278	953	746	867	862	796	4516	912
1023	782	674	807	712	614	833	461	922	218	986	222	985	346	982	113	999	111	997	548	929	932	801	1034	723	6188	878
1022	886	603	771	631	697	777	677	878	497	966	351	963	646	950	309	988	224	987	696	882	1043	718	1151	635	7948	831
1021	892	523	731	555	811	714	701	815	743	921	569	928	937	890	663	960	462	967	810	823	872	625	1028	537	9219	770
1020	793	442	722	482	802	640	670	749	1002	853	873	870	1255	803	1014	900	783	926	966	754	969	547	1064	449	10913	700
1019	663	370	644	411	676	567	848	686	1163	762	1056	783	1356	687	1316	808	987	856	1121	672	801	460	858	358	11489	617
1018	534	310	624	347	668	505	1005	606	1217	656	1213	676	1357	562	1585	688	1184	767	1212	576	746	389	682	285	12027	529
1017	520	262	562	285	679	445	849	512	1246	545	1252	554	1277	436	1493	544	1276	661	1241	473	718	322	556	227	11669	438
1016	402	215	451	229	578	383	900	432	1154	432	1198	428	1147	318	1358	408	1498	547	1046	368	682	258	457	180	10871	349
1015	390	178	357	184	594	330	779	347	905	327	845	308	830	212	1045	284	1283	413	906	278	520	197	348	141	8802	266
1014	339	143	272	149	581	276	660	274	697	244	657	223	496	135	725	189	993	298	740	201	450	151	307	111	6917	199
1013	288	112	243	122	549	223	612	212	572	181	485	157	335	89	561	123	757	210	501	138	365	111	229	85	5497	146
1012	264	86	184	98	442	173	425	154	482	129	340	108	254	58	374	72	582	142	336	96	265	78	204	65	4152	105
1011	166	62	166	79	437	133	329	114	326	85	216	73	227	35	213	38	379	90	221	67	220	54	169	48	3069	73
1010	121	47	176	63	291	94	259	83	230	55	152	52	104	14	88	19	251	56	145	48	123	35	124	34	2064	50
1009	108	36	123	45	211	67	207	59	138	34	168	36	31	4	47	11	137	33	103	36	81	24	70	23	1424	34
1008	95	26	85	33	159	48	146	40	107	21	124	20	8	1	29	7	75	21	71	27	45	17	57	17	1001	23
1007	88	18	45	25	126	33	122	26	63	12	38	7	3	*	35	4	47	14	79	21	37	12	36	12	719	15
1006	45	10	41	20	67	22	64	14	37	6	11	3	-	-	8	1	42	10	69	14	35	9	31	9	450	10
1005	27	6	24	16	51	16	43	8	13	3	9	2	-	-	2	*	21	7	30	8	34	6	34	6	288	7
1004	15	3	18	14	32	11	19	4	14	1	8	1	-	-	-	-	9	5	20	6	16	3	18	4	169	4
1003	7	2	23	12	23	8	14	3	1	*	4	*	-	-	-	-	5	4	14	4	16	2	18	2	125	3
1002	6	1	19	10	12	6	7	1	-	-	-	-	-	-	-	-	8	3	4	3	2	*	6	1	64	2
1001	3	1	11	8	13	5	2	1	-	-	-	-	-	-	-	-	6	3	4	3	-	-	-	-	39	2
1000	2	*	9	7	11	4	-	-	-	-	-	-	-	-	-	-	6	2	6	2	-	-	-	-	34	1
999	2	*	11	6	8	3	3	*	-	-	-	-	-	-	-	-	2	2	5	2	-	-	-	-	31	1
998	1	*	4	5	3	2	2	*	-	-	-	-	-	-	-	-	2	1	3	1	-	-	-	-	15	1
997	-	-	10	4	5	2	-	-	-	-	-	-	-	-	-	-	2	1	7	1	-	-	-	-	24	1
996	-	-	16	3	3	1	-	-	-	-	-	-	-	-	-	-	1	1	3	1	-	-	-	-	23	1
995	-	-	7	2	5	1	-	-	-	-	-	-	-	-	-	-	1	1	3	*	-	-	-	-	16	*
994	-	-	5	1	1	1	-	-	-	-	-	-	-	-	-	-	5	1	-	-	-	-	-	-	11	*
993	-	-	2	1	1	1	-	-	-	-	-	-	-	-	-	-	3	*	-	-	-	-	-	-	6	*
992	-	-	4	*	-	-	-	-	-	-	-	-	-	-	-	-	2	*	-	-	-	-	-	-	6	*
991	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	*
990	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	*
989	-	-	-	-	2	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	*
988	-	-	-	-	1	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	*

987	-	-	-	-	2	*	-	-	-	-	-	-	-	-	-	-	-	-	2	*
986	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	*
MEAN	1020.7	1020.1	1018.0	1017.1	1016.7	1016.8	1017.8	1016.9	1015.9	1017.6	1019.4	1020.6	1018.2							
S.D.	5.7	5.9	5.8	4.6	3.6	3.4	3.1	2.9	3.4	4.3	4.7	4.9	4.7							
TOTAL	11038	10072	10993	10638	10975	9936	10808	10993	11178	11744	11204	11735	131314							
MAX	1040.0	1038.4	1036.7	1031.0	1026.9	1026.3	1025.5	1024.5	1024.9	1030.7	1033.3	1036.9	1040.0							
DATE	1988012816	1996020516	1993031516	2001042117	1996050916	2001062714	1988072916	1987082616	1986092016	2001102916	1996111316	1991122015	1988012816							
MIN	998.0	991.8	986.6	997.8	1003.2	1002.8	1006.5	1004.9	992.1	994.8	1002.2	1001.8	986.6							
DATE	1987012213	1998020408	1993031311	1997042321	1998050822	1995060523	2000071522	1999082910	1999091514	1996100804	1997113021	1994122320	1993031311							

(* < 0.05% , # = 100.0%)

STATION: SAUF1

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

ELEMENT: AVERAGE WIND SPEED (KNOTS) -- POR: (9/1986 - 12/2001) (130041 RECORDS, 98.3% HAVE ELEMENT)

	JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC		ANN	
	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF
52	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	#
51	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	#	-	-	-	-	-	-	2	#
50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999
49	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	999	1	#	-	-	-	-	3	999
48	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	999	1	999	-	-	-	-	4	999
47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	999	-	-	-	-	1	999
46	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999
45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	999	-	-	-	-	1	999
44	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	999	-	-	-	-	-	-	1	999
43	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	999	2	999	-	-	-	-	5	999
42	1	#	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	999	-	-	-	-	-	-	2	999
41	2	999	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	999	-	-	-	-	-	-	7	999
40	1	999	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	998	-	-	1	#	-	-	6	999
39	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	998	1	999	-	-	-	-	3	999
38	2	999	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	998	-	-	1	999	-	-	9	999
37	3	999	-	-	-	-	-	-	-	-	-	-	-	-	1	#	4	997	3	999	3	999	1	#	15	999
36	4	999	-	-	3	#	-	-	-	-	-	-	-	-	-	-	4	997	1	999	4	999	-	-	16	999
35	2	999	-	-	-	-	-	-	-	-	-	-	-	-	3	999	4	997	3	999	4	999	2	999	18	999
34	5	999	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	996	1	999	5	999	-	-	12	999
33	7	998	-	-	4	999	-	-	1	#	-	-	-	-	3	999	4	996	5	999	8	998	1	999	33	999
32	7	998	1	#	7	999	-	-	1	999	-	-	-	-	4	999	9	996	8	998	14	998	3	999	54	999
31	6	997	-	-	7	999	1	#	-	-	1	#	-	-	6	999	7	995	12	998	21	996	4	999	65	999
30	10	996	4	999	11	998	5	999	3	999	-	-	1	#	6	998	15	994	17	997	14	995	12	999	98	998
29	16	995	3	999	18	997	1	999	4	999	2	999	3	999	7	998	17	993	19	995	22	993	11	998	123	997
28	20	994	8	999	20	995	2	999	9	999	3	999	1	999	8	997	23	992	40	994	30	991	20	997	184	996
27	16	992	14	998	20	993	10	999	7	998	5	999	3	999	11	997	21	990	57	990	32	989	22	995	218	995
26	39	991	18	997	38	991	20	998	12	998	9	999	3	999	20	996	52	988	81	985	57	986	40	994	389	993
25	46	987	32	995	36	987	30	996	23	997	7	998	5	999	11	994	44	983	88	978	71	981	50	990	443	990
24	59	983	49	992	25	984	36	993	9	995	10	997	6	998	12	993	56	979	126	971	58	974	53	986	499	987
23	69	978	64	987	68	981	47	990	22	994	16	996	15	998	16	992	65	974	175	960	78	969	75	981	710	983
22	87	971	85	981	61	974	57	986	45	992	31	995	11	996	21	990	94	968	211	945	99	962	106	975	908	978
21	96	964	89	972	90	968	70	980	52	988	34	992	26	995	34	988	96	960	269	927	120	953	116	966	1092	971
20	132	955	123	964	84	959	71	974	79	983	51	988	35	993	47	985	120	951	247	904	117	943	170	956	1276	962
19	206	943	189	951	151	951	129	967	143	976	77	983	51	990	56	981	170	941	371	883	192	932	245	942	1980	952
18	204	924	225	933	197	936	160	955	163	963	92	975	68	985	84	976	178	925	389	852	221	915	215	921	2196	937
17	220	906	237	910	215	916	184	940	177	948	137	966	91	978	117	968	203	909	413	819	260	896	223	902	2477	920
16	245	886	215	887	260	895	260	922	249	932	186	952	134	970	183	958	296	891	482	784	273	872	307	883	3090	901
15	287	864	342	865	268	869	304	898	350	909	280	934	193	957	245	941	343	865	525	743	317	848	288	857	3742	877
14	296	838	364	831	395	842	362	869	419	877	352	905	258	938	266	919	352	834	473	698	324	820	338	833	4199	849
13	371	811	425	795	386	803	505	835	542	839	408	870	334	914	363	894	475	803	592	658	479	791	416	804	5296	816
12	573	777	570	753	588	765	724	788	805	790	623	829	545	882	581	861	718	760	749	607	608	748	623	769	7707	776
11	608	725	569	696	597	706	703	719	782	716	610	766	604	830	624	809	708	696	592	544	588	694	602	716	7587	716
10	698	670	671	640	720	647	838	653	877	645	718	705	670	772	682	752	728	633	608	493	709	642	704	664	8623	658
9	787	607	760	573	856	575	926	574	992	565	797	633	844	708	854	690	789	568	738	442	841	578	893	604	10077	592
8	959	535	865	498	986	490	1065	487	1128	475	897	553	1000	627	889	612	909	497	820	379	989	503	1070	528	11577	514
7	974	449	923	412	924	392	973	386	967	372	888	462	1032	532	901	531	867	416	806	309	965	415	1072	437	11292	425
6	1006	360	900	320	920	300	995	295	994	284	1035	373	1234	433	1321	449	1061	338	962	240	1019	329	1102	346	12549	338
5	1140	269	943	231	879	208	871	201	916	194	1041	269	1379	315	1496	329	1121	243	862	159	1064	238	1139	252	12851	242
4	678	166	506	137	468	121	535	119	511	111	672	164	852	183	877	193	719	143	447	85	643	143	710	155	7618	143
3	496	104	378	87	341	74	358	68	321	64	423	97	568	102	653	113	468	79	281	47	463	86	464	95	5214	84
2	349	59	285	49	215	40	203	35	227	35	331	54	283	48	337	54	273	37	162	23	265	45	348	55	3278	44
1	160	28	130	21	103	19	107	16	89	14	110	21	123	21	168	23	97	13	62	9	126	21	161	26	1436	19
0	145	13	78	8	84	8	58	5	67	6	96	10	94	9	87	8	45	4	49	4	112	10	140	12	1055	8
MEAN	9.2		9.5		9.6		9.3		9.3		8.5															

STATION: SAUF1

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: (9/1986 - 12/2001) (129860 RECORDS, 98.2% HAVE ELEMENT)

	JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC		ANN	
	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF
61	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	#	-	-	-	-	-	-	1	#
60	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	999	-	-	-	-	-	-	1	999
59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999
58	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	999	-	-	-	-	-	-	1	999
57	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	999	-	-	-	-	-	-	1	999
56	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	999	-	-	-	-	-	-	2	999
55	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	#	-	-	-	-	1	999
54	-	-	-	-	1	#	-	-	-	-	-	-	-	-	-	-	-	-	1	999	-	-	-	-	2	999
53	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	999	2	999	-	-	-	-	3	999
52	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	999	1	999	-	-	-	-	2	999
51	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	999	-	-	-	-	1	999
50	-	-	-	-	1	999	-	-	-	-	-	-	-	-	-	-	1	999	-	-	-	-	-	-	2	999
49	1	#	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	999
48	3	999	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	999	-	-	-	-	-	-	6	999
47	-	-	-	-	1	999	-	-	-	-	-	-	-	-	-	-	5	999	-	-	-	-	-	-	6	999
46	-	-	-	-	1	999	-	-	-	-	-	-	-	-	-	-	3	998	-	-	-	-	-	-	4	999
45	2	999	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	998	2	999	1	#	-	-	10	999
44	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	998	1	999	-	-	-	-	4	999
43	1	999	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	997	1	999	1	999	1	#	8	999
42	5	999	-	-	-	-	-	-	-	-	-	-	-	-	1	#	2	997	1	999	-	-	-	-	9	999
41	4	999	-	-	2	999	-	-	-	-	-	-	-	-	1	999	4	997	-	-	4	999	1	999	16	999
40	4	999	-	-	2	999	-	-	-	-	-	-	-	-	1	999	1	997	2	999	4	999	1	999	15	999
39	1	998	-	-	-	-	-	-	-	-	1	#	-	-	3	999	1	997	1	999	5	999	1	999	13	999
38	4	998	1	#	1	999	-	-	1	#	-	-	-	-	-	-	3	996	1	999	8	999	-	-	19	999
37	4	998	-	-	2	999	-	-	-	-	-	-	1	#	4	999	2	996	5	999	5	998	2	999	25	999
36	5	997	-	-	6	999	-	-	1	999	-	-	-	-	8	999	7	996	12	998	10	997	4	999	53	999
35	6	997	2	999	9	998	-	-	2	999	1	999	-	-	2	998	12	995	5	997	11	997	3	999	53	998
34	5	996	6	999	16	997	-	-	1	999	-	-	-	-	6	998	15	994	17	997	17	996	5	999	88	998
33	21	996	8	999	18	996	7	#	-	-	2	999	1	999	5	998	21	993	23	995	18	994	9	998	133	997
32	14	994	3	998	18	994	3	999	10	999	3	999	2	999	10	997	13	991	29	993	26	992	16	998	147	996
31	18	993	8	998	30	992	4	999	5	999	1	999	4	999	7	996	13	990	27	991	37	990	20	996	174	995
30	25	991	23	997	12	989	10	999	9	998	5	999	5	999	12	996	30	989	56	989	25	987	24	995	236	994
29	32	989	20	995	28	988	20	998	15	997	8	999	3	999	13	995	36	986	67	984	50	985	28	993	320	992
28	33	986	36	993	31	985	31	996	14	996	9	998	4	998	12	993	47	983	88	978	48	980	40	990	393	990
27	51	983	44	989	38	982	28	993	15	995	5	997	9	998	5	992	43	979	108	971	67	976	52	987	465	987
26	73	978	63	985	71	978	53	990	30	993	20	996	9	997	15	992	69	975	175	961	90	970	73	982	741	983
25	80	972	59	979	81	971	59	985	25	991	19	994	14	996	25	990	81	969	203	947	64	962	82	976	792	977
24	111	964	100	973	89	963	71	980	37	988	34	993	16	995	22	988	75	961	182	929	87	956	92	969	916	971
23	117	954	105	963	97	954	73	973	52	985	42	989	24	993	34	986	95	955	223	914	123	948	125	961	1110	964
22	150	944	137	952	119	945	88	966	100	980	54	985	41	991	46	983	109	946	286	895	127	937	184	951	1441	956
21	170	930	191	939	167	933	140	958	119	971	68	979	48	987	38	979	129	936	304	870	185	926	225	935	1784	944
20	178	915	203	920	193	916	152	945	157	960	85	973	55	983	60	975	144	925	291	844	177	909	236	916	1931	931
19	288	899	297	900	274	897	242	930	200	946	155	964	89	977	136	970	235	912	459	820	321	894	298	896	2994	916
18	281	872	264	870	273	870	296	907	241	928	187	948	158	969	160	958	263	891	455	781	254	865	289	870	3121	893
17	297	847	275	844	293	843	273	880	267	906	238	930	163	954	189	943	286	867	441	742	279	842	296	845	3297	869
16	307	820	370	817	285	813	351	854	403	881	310	906	241	938	225	926	312	842	485	704	313	817	321	820	3923	843
15	377	792	392	780	358	785	405	821	476	845	400	874	305	915	346	905	391	814	508	663	418	789	401	793	4777	813
14	411	758	410	741	398	749	498	783	547	801	424	834	333	886	356	874	473	779	520	620	439	752	410	759	5219	776
13	443	721	447	700	448	710	566	736	698	751	496	792	497	854	503	841	572	737	577	575	523	713	540	724	6310	736
12	662	681	636	656	728	665	816	682	908	687	743	742	713	806	719	796	827	685	676	526	700	666	708	678	8836	688
11	648	620	635	593	654	593	773	605	842	605	753	667	716	738	678	730	749	611	594	468	686	603	698	617	8426	620
10	677	562	658	529	776	527	887	532	986	528	828	591	903	669	869	668	797	544	712	418	754	542	803	558	9650	555
9	813	500	754	464	824	450	928	449	1016	438	835	508	971	583	899	589	874	473	717	357	816	475	897	489	10344	480
8	900	427	844	389	877	368	910	361	973	345	863	424	1044	490	1031	508	917	395	847	296	970	402	1006	412	11182	401
7	820	345	703	305	719	281	788	275	766	256	791	337	981	390	1006	414	827	313	753	224	777	315	827	327	9758	315
6	794	271	699	235	657	209	689	201	619	186	718	257	950	296	1087	322	865	239	682	160	823	245	849	256	9432	239
5	841	198	632	166	579	144	615	136	636	130	772	185	977	205	1099	223	839	161	551	102	771	172	834	184	9146	167
4	490	122	375	103	330	86	343	78	330	72	427	107	504	111	553	123	459	86	279	55	458	103	495	112	5043	96
3	386	78	333	66	250	53	236	46	233	42	309	64	317	63	404	73	314	45	200	31	347	62	353	70	3682	58
2	247	43	195	33	161	28	145	23	124	21	198	33	203	32	254	36	127	17	84	14	190	31	252	40	2180	29
1	114	20	82	13	60	12	61	10	56	9	60	13	74	13	83	13	43	6	52	7	74	14	110	19	869	12
0	110	10	53	5	64	6	42	4	45	4	71	7	61	6	59	5	22	2	26	2	81	7	107	9	741	6

STATION: SAUF1

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

(HIGHEST 5-SECOND AVERAGE DURING PAST HOUR)

ELEMENT: HOURLY PEAK WIND GUST (KNOTS) -- POR: (6/1989 - 12/2001) (88489 RECORDS, 25.2% HAVE ELEMENT)

	JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC		ANN	
	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF
67	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	#	-	-	-	-	1	#
66	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999
65	-	-	-	-	-	-	-	-	-	-	-	-	1	#	-	-	2	#	-	-	-	-	-	-	3	999
64	-	-	-	-	1	#	-	-	-	-	-	-	-	-	-	-	3	999	-	-	-	-	-	-	4	999
63	-	-	-	-	1	999	-	-	-	-	-	-	-	-	-	-	3	999	-	-	-	-	-	-	4	999
62	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	999	-	-	-	-	-	-	2	999
61	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	999	-	-	-	-	2	999
60	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	999	-	-	-	-	-	-	1	999
59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	999	-	-	-	-	2	999
58	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	999	-	-	-	-	2	999
57	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999
56	-	-	-	-	1	999	-	-	-	-	-	-	-	-	-	-	1	999	-	-	-	-	-	-	2	999
55	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	998	1	999	-	-	-	-	2	999
54	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	998	-	-	-	-	-	-	6	999
53	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	998	-	-	-	-	-	-	4	999
52	-	-	-	-	1	999	-	-	-	-	-	-	-	-	-	-	2	997	1	999	-	-	-	-	4	999
51	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	997	-	-	1	#	-	-	4	999
50	-	-	-	-	2	999	-	-	-	-	1	#	2	999	-	-	6	996	1	999	-	-	-	-	12	999
49	-	-	1	#	-	-	-	-	-	-	-	-	-	-	1	#	2	996	1	999	-	-	1	#	6	999
48	1	#	-	-	1	999	-	-	-	-	-	-	-	-	-	-	4	995	2	999	-	-	-	-	8	999
47	-	-	-	-	1	999	-	-	1	#	-	-	1	999	-	-	3	995	1	998	-	-	-	-	7	999
46	-	-	-	-	-	-	-	-	-	-	-	-	1	999	1	999	-	-	1	998	1	999	-	-	4	999
45	1	999	-	-	2	999	-	-	-	-	1	999	1	999	-	-	3	995	3	998	7	999	-	-	18	999
44	2	999	-	-	2	998	-	-	-	-	-	-	-	-	1	999	3	994	-	-	-	-	-	-	8	999
43	4	999	-	-	3	998	-	-	1	999	-	-	-	-	-	-	4	994	1	998	3	999	-	-	16	999
42	2	999	-	-	1	998	1	#	1	999	-	-	1	999	-	-	1	993	4	998	4	998	2	999	17	999
41	1	999	-	-	1	997	-	-	-	-	-	-	-	-	2	999	3	993	3	997	7	998	-	-	17	998
40	1	998	5	999	6	997	-	-	1	999	-	-	-	-	-	-	8	993	12	997	10	997	1	999	44	998
39	1	998	2	999	8	996	1	999	1	999	1	999	3	999	1	999	13	992	11	995	9	996	3	999	54	998
38	5	998	3	999	12	995	1	999	1	999	-	-	1	999	1	999	8	990	12	994	9	995	4	999	57	997
37	8	998	3	998	6	993	-	-	-	-	2	999	1	999	2	999	14	989	18	992	6	993	3	999	63	996
36	6	996	8	998	21	992	1	999	2	999	2	999	1	998	2	999	12	987	26	990	11	993	8	998	100	996
35	18	996	5	997	13	989	3	999	3	999	2	999	5	998	3	999	14	986	28	987	16	991	9	997	119	995
34	11	993	12	996	14	987	11	999	-	-	2	999	2	998	4	998	20	984	30	984	22	989	10	996	138	993
33	12	992	14	994	22	985	12	997	9	998	10	998	6	997	4	998	42	981	38	980	40	986	18	995	227	992
32	25	990	18	992	17	981	23	996	2	997	9	997	4	997	2	997	46	976	46	975	45	981	21	993	258	989
31	28	987	20	989	22	979	20	992	8	997	19	996	5	996	5	997	41	970	64	969	38	975	25	990	295	986
30	33	983	23	986	40	975	34	990	12	996	12	993	16	995	9	996	44	965	91	961	59	970	34	987	407	983
29	40	978	42	983	34	969	38	985	11	994	17	991	12	993	4	995	55	959	101	950	57	963	55	983	466	978
28	53	973	54	977	45	963	56	979	13	993	22	989	12	992	6	995	68	952	112	938	58	955	54	976	553	973
27	71	966	67	969	49	956	53	971	15	991	25	986	25	990	11	994	57	944	120	924	49	948	57	969	599	967
26	104	956	89	959	97	949	73	964	32	989	39	982	31	987	26	992	95	937	190	909	93	941	111	962	980	960
25	99	942	90	945	112	933	94	953	56	984	46	977	40	982	31	989	81	924	159	885	78	929	93	948	979	949
24	108	928	107	932	104	916	113	940	85	977	64	970	40	977	27	985	71	914	199	866	114	919	132	936	1164	938
23	127	914	118	916	149	899	105	924	109	965	73	961	61	972	61	982	125	905	190	841	129	905	176	920	1423	925
22	165	896	164	899	144	876	153	909	124	950	89	951	68	963	61	974	122	889	248	817	162	888	180	898	1680	909
21	182	874	215	874	176	853	204	887	151	932	133	938	103	954	64	966	161	874	275	787	199	867	214	875	2077	890
20	194	849	172	842	165	825	191	858	166	912	147	920	88	941	112	957	180	853	283	752	210	841	226	848	2134	866
19	277	822	278	817	247	799	299	830	241	889	238	899	159	929	177	943	265	830	387	717	253	814	337	820	3158	842
18	220	785	247	775	189	761	306	788	326	855	237	865	196	907	196	920	250	797	327	669	236	781	287	778	3017	806
17	257	755	228	738	217	731	258	744	347	810	282	832	265	881	221	895	254	765	292	629	242	751	267	742	3130	772
16	282	720	278	704	277	697	340	707	423	762	361	792	311	846	312	866	341	732	364	593	341	719	300	708	3930	737
15	336	681	316	663	319	653	385	658	440	703	383	741	394	804	332	826	397	689	396	547	387	675	395	671	4480	693
14	337	635	315	616	293	603	359	603	469	642	417	686	403	751	37											

MAX	47.6	49.0	64.2	41.8	46.7	49.8	65.3	49.0	65.3	66.7	50.5	49.0	66.7
DATE	1993012622	1996020300	1993031307	1991042600	1997052723	2001061623	1998072501	1998080102	2001091423	1999101702	2001111421	1997121522	1999101702
MIN	0.0	1.2	1.4	1.4	0.0	0.0	0.0	0.0	1.2	0.0	0.0	0.0	0.0
DATE	1990012401	1996022204	2000030809	1999040207	1992052715	1989062609	1991071213	1990080813	1998091806	1989100406	1998110109	1989123011	1998110109

(* < 0.05% , # = 100.0%)

ELEMENT SUMMARY FOR STATION: SAUF1

(A) TOTAL STDMET RECORDS READ = 132272

(B) TOTAL CWIND RECORDS READ = 350515

(C) TOTAL RECORDS USED IN STATS = 482787

	AIR TMP	SEA TMP	AIR-SEA	DEWP	SLP	AVWS	PKGS-8M	PKGS-5S	SIGWVHT	AVWVPD	DWVPD	VSBY
(D) ELEMENT RECORDS AVAILABLE	131278	115519	115415	5420	131314	130041	129860	88489	0	0	0	0
(E) ELEMENT OUT OF RANGE	994	16753	16857	126852	958	2231	2412	262026	132272	132272	132272	132272

STATION: SAUF1 -- POR (9/1986 - 12/2001)

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

ELEMENT: AIR TEMPERATURE (DEGREES C)

YEAR	ELEMENT	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1986	MEAN	-	-	-	-	-	-	-	-	26.5	23.8	21.2	16.3	21.7
	MAXIMUM	-	-	-	-	-	-	-	-	31.3	32.1	27.9	25.6	32.1
	DAY-HR	-	-	-	-	-	-	-	-	12-20	05-21	20-21	12-18	OCT
	MINIMUM	-	-	-	-	-	-	-	-	21.9	13.2	11.3	7.4	7.4
	DAY-HR	-	-	-	-	-	-	-	-	11-03	21-12	15-14	13-13	DEC
	# OBS	-	-	-	-	-	-	-	-	595	739	566	735	2635
1987	MEAN	12.2	13.0	15.0	17.3	22.9	25.7	26.6	27.2	26.0	20.6	18.6	15.7	20.1
	MAXIMUM	26.5	24.1	23.6	29.7	25.6	30.7	33.7	32.6	31.3	28.4	27.9	25.7	33.7
	DAY-HR	18-21	16-22	19-18	28-21	31-21	24-17	28-21	19-18	20-19	03-20	10-20	28-21	JUL
	MINIMUM	0.1	3.4	6.6	3.7	16.2	22.3	21.9	22.5	19.6	11.1	5.2	1.8	0.1
	DAY-HR	27-13	10-09	14-11	04-11	02-11	10-11	23-11	15-08	25-11	29-10	21-12	17-13	JAN
	# OBS	717	649	699	716	743	716	744	743	567	742	719	743	8498
1988	MEAN	10.7	12.1	15.4	19.8	21.8	25.1	25.8	26.6	26.3	21.6	19.8	14.6	20.0
	MAXIMUM	19.7	26.3	26.2	29.8	31.7	33.1	30.9	32.7	32.1	28.3	26.4	25.9	33.1
	DAY-HR	13-19	04-21	13-22	23-22	23-23	27-21	14-17	24-20	04-21	03-17	05-20	28-21	JUN
	MINIMUM	1.1	1.4	3.3	6.5	14.2	19.6	22.2	21.9	20.4	13.0	7.1	1.0	1.0
	DAY-HR	27-12	13-12	16-12	13-11	06-11	04-23	23-17	26-23	26-10	23-11	29-11	18-13	DEC
	# OBS	730	695	742	716	742	719	716	742	718	739	711	724	8694
1989	MEAN	16.6	15.0	17.5	19.6	23.0	25.1	26.0	26.5	26.2	22.9	19.0	11.1	20.8
	MAXIMUM	25.8	26.5	29.1	30.9	30.7	33.5	32.4	35.0	29.6	31.1	26.1	26.8	35.0
	DAY-HR	15-20	21-18	31-20	28-19	23-21	10-20	28-19	06-22	26-19	01-20	07-17	08-20	AUG
	MINIMUM	7.0	-1.5	4.8	10.7	13.4	21.0	22.5	22.3	21.4	6.2	5.7	-6.7	-6.7
	DAY-HR	05-11	24-12	09-15	01-12	11-11	06-20	23-05	15-11	20-07	20-11	17-12	24-12	DEC
	# OBS	741	667	736	714	735	712	739	734	719	724	678	665	8564
1990	MEAN	15.6	17.5	18.3	19.5	23.8	25.0	26.3	26.3	26.5	23.9	19.4	16.5	21.6
	MAXIMUM	27.5	29.5	25.3	24.7	31.8	33.3	32.8	32.9	32.9	30.0	24.2	26.9	33.3
	DAY-HR	29-22	04-20	31-22	11-19	17-21	20-18	01-17	17-21	22-21	13-20	10-02	19-19	JUN
	MINIMUM	3.4	6.8	9.7	7.7	16.7	19.9	21.6	21.7	15.9	8.3	7.8	3.1	3.1
	DAY-HR	13-12	24-12	21-08	04-12	07-11	14-11	15-11	11-11	24-12	26-12	11-12	25-13	DEC
	# OBS	743	671	722	688	740	712	737	744	718	738	713	731	8657
1991	MEAN	15.0	14.9	17.3	21.2	24.8	-	26.2	26.4	26.4	22.6	16.5	16.1	20.5
	MAXIMUM	27.3	23.2	30.6	28.2	29.6	-	32.6	32.3	30.1	27.8	25.4	27.8	32.6
	DAY-HR	30-22	14-21	29-21	29-16	14-19	-	24-19	04-21	25-17	05-15	22-18	03-21	JUL
	MINIMUM	4.2	-2.1	5.4	12.4	20.1	-	20.6	22.6	19.0	13.6	5.0	4.1	-2.1
	DAY-HR	22-14	16-13	11-11	01-11	02-10	-	24-22	13-11	26-13	17-08	25-11	05-11	FEB
	# OBS	739	670	742	716	742	-	485	740	718	742	717	743	7754
1992	MEAN	12.6	14.2	16.1	18.2	21.2	25.2	27.1	25.8	26.2	21.7	19.0	14.7	20.1
	MAXIMUM	25.9	26.0	27.8	29.1	31.2	31.5	33.9	30.6	28.7	29.1	27.5	24.6	33.9
	DAY-HR	13-21	23-21	19-22	25-19	25-20	21-18	27-21	01-16	22-15	04-19	23-19	23-18	JUL
	MINIMUM	0.8	4.2	6.0	7.7	8.8	20.9	22.3	21.5	21.7	12.8	4.3	4.3	0.8
	DAY-HR	17-11	09-12	11-16	04-11	08-11	01-11	30-19	30-12	10-18	19-11	29-12	12-13	JAN
	# OBS	740	689	736	673	695	677	696	741	714	740	707	737	8545
1993	MEAN	15.6	12.8	15.3	17.9	22.0	25.3	26.7	26.7	26.3	23.0	18.3	12.9	20.3
	MAXIMUM	25.9	23.8	26.6	28.1	28.2	30.6	33.3	33.2	30.9	27.2	26.9	24.5	33.3
	DAY-HR	08-18	16-21	10-21	01-22	20-21	30-18	19-19	22-18	05-17	06-12	05-19	04-20	JUL
	MINIMUM	4.9	0.1	-0.7	9.1	15.0	20.1	22.0	22.9	18.7	7.8	3.0	1.9	-0.7
	DAY-HR	27-10	19-12	14-12	23-11	22-11	04-10	02-11	30-10	30-09	31-14	01-11	26-13	MAR
	# OBS	733	671	735	710	736	719	723	739	717	744	715	741	8683
1994	MEAN	12.6	15.2	17.3	21.1	23.2	25.3	24.6	25.5	25.2	23.3	20.6	15.6	20.8

	MAXIMUM	24.4	28.0	31.2	29.5	31.0	32.7	30.0	32.0	31.6	30.1	27.1	24.5	32.7
	DAY-HR	28-19	11-19	28-20	16-19	27-19	24-20	27-17	21-20	18-19	03-21	28-21	05-17	JUN
	MINIMUM	3.2	2.8	6.1	9.9	14.6	20.1	19.6	21.6	19.0	17.1	9.0	5.9	2.8
	DAY-HR	19-12	03-11	11-12	01-12	22-11	26-10	29-11	16-00	22-11	15-12	24-10	25-13	FEB
	# OBS	742	655	742	717	737	693	736	742	714	692	714	740	8624
1995	MEAN	12.9	12.9	16.9	20.0	24.4	25.5	26.9	27.2	25.8	24.4	17.1	13.2	20.7
	MAXIMUM	22.3	25.0	28.9	29.3	32.2	32.4	32.8	31.8	31.2	29.7	28.2	24.3	32.8
	DAY-HR	23-20	11-21	23-21	23-19	15-20	06-21	24-18	28-18	17-22	05-18	03-20	09-19	JUL
	MINIMUM	2.4	-2.8	7.4	11.0	19.2	19.4	22.9	22.9	21.2	14.3	3.6	-0.9	-2.8
	DAY-HR	31-12	09-12	09-12	25-11	08-10	14-11	26-08	02-05	10-09	29-12	15-12	25-12	FEB
	# OBS	738	664	739	710	736	715	741	742	716	737	715	738	8691
1996	MEAN	12.6	14.0	14.4	18.3	23.4	25.2	26.7	25.4	25.8	22.8	18.5	14.7	20.3
	MAXIMUM	25.9	27.2	28.0	29.8	30.6	32.8	33.6	29.1	31.2	27.9	28.9	23.6	33.6
	DAY-HR	02-21	27-21	06-21	26-20	28-17	26-17	23-20	02-15	17-17	30-21	02-20	31-18	JUL
	MINIMUM	-2.5	-1.1	-1.0	8.5	14.7	20.1	21.7	21.5	19.0	10.6	7.4	-0.7	-2.5
	DAY-HR	08-13	05-05	09-12	11-11	01-08	04-11	07-07	14-17	23-12	20-11	03-12	20-13	JAN
	# OBS	729	682	738	732	737	716	833	787	715	729	690	735	8823
1997	MEAN	13.9	15.8	19.7	19.6	22.9	24.4	26.3	26.9	26.3	23.2	17.5	14.2	21.0
	MAXIMUM	26.0	27.2	28.7	29.8	30.7	31.8	31.8	32.7	30.5	30.8	27.4	27.1	32.7
	DAY-HR	05-21	22-18	03-21	22-20	20-20	13-20	28-19	15-18	30-21	26-19	14-19	22-20	AUG
	MINIMUM	-0.3	7.9	10.6	9.0	17.1	17.6	20.6	21.2	21.1	8.8	3.7	2.0	-0.3
	DAY-HR	19-12	12-10	16-12	18-13	01-11	07-09	25-23	01-13	09-10	28-12	17-12	07-12	JAN
	# OBS	730	652	734	705	730	713	727	740	716	733	698	737	8615
1998	MEAN	15.1	14.8	15.2	20.2	24.7	28.0	27.9	27.5	26.7	24.9	21.8	18.2	22.1
	MAXIMUM	25.5	28.7	26.8	30.4	34.9	37.8	36.8	35.8	35.0	30.5	29.0	27.9	37.8
	DAY-HR	23-20	27-22	20-18	03-21	21-22	02-21	02-21	27-20	01-18	06-15	20-20	22-21	JUN
	MINIMUM	3.6	4.7	2.7	10.9	16.8	21.2	23.2	21.4	22.1	17.2	10.2	4.2	2.7
	DAY-HR	01-09	05-12	11-11	12-10	02-09	26-10	25-01	01-02	04-11	30-11	06-11	16-11	MAR
	# OBS	716	666	712	694	713	683	728	776	708	728	719	739	8582
1999	MEAN	15.7	16.2	16.5	21.3	22.6	25.6	27.7	27.8	26.1	23.7	19.7	15.4	21.6
	MAXIMUM	24.7	27.3	26.5	32.6	32.1	31.5	35.0	36.3	37.2	30.4	27.1	27.5	37.2</

	DAY-HR	12-16	01-12	-	-	-	-	-	-	-	-	-	-	JAN
	# OBS	718	162	-	-	-	-	-	-	-	-	-	-	880
1988	MEAN	-	-	-	21.3	22.6	25.7	27.2	27.9	28.2	23.6	21.8	16.7	24.2
	MAXIMUM	-	-	-	22.1	26.4	28.8	29.9	29.8	30.3	27.7	23.5	20.0	30.3
	DAY-HR	-	-	-	29-22	31-21	29-23	20-23	08-22	24-21	03-03	19-21	01-03	SEP
	MINIMUM	-	-	-	20.7	19.5	23.2	24.1	25.2	26.3	20.9	19.1	12.7	12.7
	DAY-HR	-	-	-	30-13	02-11	05-12	25-13	03-13	06-14	14-14	29-15	19-14	DEC
	# OBS	-	-	-	30	742	719	716	742	717	739	712	721	5838
1989	MEAN	16.4	16.6	16.7	19.8	24.2	25.4	24.9	26.7	28.6	24.8	21.0	14.4	21.7
	MAXIMUM	18.7	19.3	20.9	23.8	28.9	28.8	29.3	30.9	30.8	28.9	23.1	19.2	30.9
	DAY-HR	09-22	06-22	29-00	30-00	31-23	01-01	05-23	31-21	02-22	05-22	16-01	08-21	AUG
	MINIMUM	13.5	12.1	12.6	16.9	20.7	22.2	21.1	22.3	26.5	20.0	18.6	7.9	7.9
	DAY-HR	24-15	25-11	11-14	01-12	02-13	17-15	18-11	03-12	29-10	30-00	30-23	25-08	DEC
	# OBS	742	668	737	717	731	712	735	734	719	720	671	660	8546
1990	MEAN	13.8	16.0	18.5	20.4	25.2	25.1	27.4	29.0	28.8	26.0	21.2	18.2	22.4
	MAXIMUM	16.9	17.9	21.9	23.1	27.6	29.0	30.0	30.9	30.7	28.9	23.5	20.7	30.9
	DAY-HR	20-22	22-22	15-00	18-00	27-23	28-23	31-22	21-20	01-21	06-21	05-22	04-06	AUG
	MINIMUM	12.0	14.4	15.5	18.5	23.2	21.2	25.0	27.4	26.3	21.8	18.7	15.9	12.0
	DAY-HR	14-15	06-14	04-13	05-13	30-13	11-15	16-12	16-12	30-15	31-23	30-22	11-13	JAN
	# OBS	744	671	715	526	245	712	738	744	718	739	715	730	7997
1991	MEAN	15.9	15.5	17.5	22.0	26.1	-	28.5	26.9	28.5	24.1	19.6	17.1	21.8
	MAXIMUM	17.9	19.4	21.0	25.4	28.9	-	30.8	30.0	30.6	26.1	23.9	19.8	30.8
	DAY-HR	02-02	21-23	26-22	27-21	29-23	-	22-23	31-22	06-22	05-21	02-22	03-22	JUL
	MINIMUM	13.7	11.8	15.0	18.4	23.6	-	26.8	24.6	25.0	22.3	16.7	14.3	11.8
	DAY-HR	27-14	17-09	11-12	02-13	02-15	-	12-18	21-12	30-05	08-12	12-10	31-15	FEB
	# OBS	738	669	743	715	742	-	485	739	718	742	717	743	7751
1992	MEAN	14.2	13.4	16.3	19.8	22.5	25.6	27.2	27.6	27.8	23.2	-	-	21.5
	MAXIMUM	16.8	15.4	19.1	23.4	25.6	28.7	29.4	29.9	30.3	25.6	-	-	30.3
	DAY-HR	13-23	26-20	31-23	24-21	19-23	19-22	06-00	27-20	22-20	04-22	-	-	SEP
	MINIMUM	11.2	12.1	13.8	17.2	19.0	22.6	25.4	25.1	24.0	19.2	-	-	11.2
	DAY-HR	21-08	13-16	14-14	06-13	09-10	01-13	02-16	30-09	06-17	28-13	-	-	JAN
	# OBS	740	691	741	673	698	678	695	488	713	664	-	-	6781
1993	MEAN	-	-	-	18.6	22.3	26.6	28.4	28.1	28.6	25.5	19.9	16.1	23.9
	MAXIMUM	-	-	-	21.2	27.0	28.9	30.3	30.3	30.0	27.5	22.8	18.0	30.3
	DAY-HR	-	-	-	30-23	31-23	21-21	09-21	02-19	21-22	21-21	17-22	01-18	AUG
	MINIMUM	-	-	-	16.4	19.6	23.6	26.3	24.3	26.3	21.2	16.9	12.9	12.9
	DAY-HR	-	-	-	08-13	07-14	05-15	01-11	08-12	30-15	31-19	30-15	27-16	DEC
	# OBS	-	-	-	604	733	718	722	738	717	744	715	741	6432
1994	MEAN	13.0	13.8	17.2	21.4	24.8	26.7	24.3	26.1	27.1	24.5	21.4	17.5	21.3
	MAXIMUM	15.2	16.6	20.9	25.3	27.9	29.0	26.4	29.2	29.0	27.3	24.0	21.6	29.2
	DAY-HR	04-00	11-23	27-21	29-22	15-22	20-21	09-23	29-22	10-23	01-00	09-21	11-00	AUG
	MINIMUM	10.1	10.7	13.6	17.6	22.0	24.3	22.1	23.5	25.4	22.0	18.7	14.1	10.1
	DAY-HR	23-14	03-13	04-10	02-13	21-19	08-13	12-13	23-13	22-14	31-14	25-14	24-14	JAN
	# OBS	743	656	743	718	737	693	280	683	712	692	714	740	8111
1995	MEAN	14.9	14.3	15.9	20.0	24.4	27.1	28.7	28.8	28.0	25.7	20.4	16.4	22.1
	MAXIMUM	16.8	16.6	20.2	24.1	27.6	30.0	31.3	31.5	30.0	28.6	25.5	20.3	31.5
	DAY-HR	29-19	28-02	30-23	30-20	27-21	11-20	15-21	18-22	18-22	07-20	02-21	06-21	AUG
	MINIMUM	13.1	11.9	13.1	17.4	20.8	25.2	26.4	26.7	26.0	22.9	17.3	12.2	11.9
	DAY-HR	05-17	09-09	10-14	02-12	03-03	26-13	04-12	03-14	06-12	31-14	16-12	30-12	FEB
	# OBS	738	667	739	710	738	715	741	742	716	737	715	738	8696
1996	MEAN	13.3	13.7	15.2	18.3	24.0	26.8	27.1	25.6	27.8	24.3	20.1	16.4	21.2
	MAXIMUM	16.0	19.0	18.0	21.9	27.9	29.8	29.9	29.5	29.7	28.1	25.2	18.9	29.9
	DAY-HR	18-22	26-23	31-21	28-21	28-00	25-23	13-20	24-22	07-23	01-21	01-03	01-21	JUL
	MINIMUM	9.8	10.4	11.4	15.9	19.8	24.1	22.0	19.8	26.1	21.8	17.2	12.6	9.8
	DAY-HR	09-09	06-14	12-16	02-10	01-12	01-14	31-14	03-04	23-13	20-14	29-15	21-09	JAN
	# OBS	732	691	740	732	737	716	833	787	715	729	690	735	8837
1997	MEAN	15.3	15.2	18.3	19.9	23.5	25.0	27.8	28.6	28.5	25.2	20.0	16.2	22.0
	MAXIMUM	18.3	17.5	21.5	22.3	25.8	28.6	30.1	30.2	30.2	28.3	23.2	19.4	30.2
	DAY-HR	02-00	04-21	28-23	30-23	31-21	25-22	15-23	09-22	16-21	01-23	02-21	04-22	SEP
	MINIMUM	11.5	13.8	15.3	18.0	20.7	23.1	25.9	27.0	26.8	21.6	17.5	13.0	11.5
	DAY-HR	19-12	12-13	01-16	02-12	05-11	10-12	07-13	02-11	07-14	29-09	26-15	18-13	JAN
	# OBS	729	652	734	705	729	712	727	741	716	733	698	737	8613
1998	MEAN	15.2	14.8	16.6	19.2	23.4	25.8	27.8	28.1	27.8	26.1	23.2	20.7	22.5
	MAXIMUM	16.8	17.6	22.6	21.9	27.6	30.2	30.1	30.0	29.9	29.1	25.2	24.0	30.2
	DAY-HR	07-04	28-22	30-22	27-22	31-23	28-22	08-20	30-20	05-22	06-21	02-21	05-21	JUN
	MINIMUM	13.2	12.6	14.0	16.3	20.3	22.8	25.5	26.1	25.8	22.3	21.4	16.3	12.6
	DAY-HR	01-14	05-14	14-09	02-11	05-12	18-11	11-12	03-06	09-14	24-13	08-13	31-15	FEB
	# OBS	716	666	712	694	713	688	731	780	708	728	719	739	8594
1999	MEAN	17.2	18.1	17.8	21.6	23.5	27.3	28.4	28.3	27.3	24.8	20.6	17.3	22.7
	MAXIMUM	19.9	20.6	20.6	24.9	26.8	29.3	31.3	30.4	29.6	27.3	23.2	19.0	31.3
	DAY-HR	30-19	11-01	25-00	28-18	31-22	15-19	18-22	12-20	09-20	13-23	01-22	07-02	JUL
	MINIMUM	14.0	15.0	15.5	18.8	19.5	25.1	25.8	25.2	25.3	21.4	18.9	13.6	13.6

	DAY-HR # OBS	06-14 741	23-06 660	04-12 715	18-09 720	02-13 742	01-11 719	30-14 737	01-15 741	23-14 717	28-11 741	30-17 715	30-13 742	DEC 8690
2000	MEAN	15.7	15.1	18.3	20.8	25.0	27.7	25.7	26.8	27.6	23.1	20.7	15.0	21.8
	MAXIMUM	17.8	18.6	20.6	22.8	28.7	30.0	30.1	29.8	29.4	27.0	23.7	19.0	30.1
	DAY-HR	12-21	27-22	30-00	30-20	27-23	24-22	05-21	16-22	01-00	06-23	09-02	02-22	JUL
	MINIMUM	11.7	12.1	16.5	18.6	21.5	25.7	22.6	23.9	25.2	21.1	16.7	9.3	9.3
	DAY-HR	27-15	06-14	05-12	09-14	01-07	01-11	13-10	13-13	30-15	12-13	23-14	31-15	DEC
	# OBS	742	692	740	709	725	720	737	744	714	739	718	743	8723
2001	MEAN	11.6	14.3	16.4	20.0	24.0	27.3	28.3	27.8	27.1	23.2	20.3	20.4	21.6
	MAXIMUM	14.7	17.8	18.8	23.5	27.6	29.7	30.1	30.0	29.7	26.3	22.9	22.4	30.1
	DAY-HR	19-23	28-23	31-23	24-21	27-23	26-21	04-00	07-22	10-22	05-22	03-23	13-22	JUL
	MINIMUM	9.3	12.4	13.6	16.5	21.2	24.9	26.6	24.3	23.2	19.4	18.6	17.3	9.3
	DAY-HR	05-15	05-15	06-10	02-13	01-12	02-12	17-13	21-15	30-23	29-10	17-11	27-03	JAN
	# OBS	744	672	738	712	717	717	732	533	712	744	718	744	8483
POR	MEAN	14.6	15.1	17.1	20.1	23.9	26.3	27.4	27.6	28.0	24.7	20.9	17.2	22.1
	MAXIMUM	19.9	20.6	22.6	25.4	28.9	30.2	31.3	31.5	30.8	29.9	25.5	24.0	31.5
	YEAR	1999	1999	1998	1991	1991	1991	1999	1995	1986	1995	1995	1998	AUG/1995
	MINIMUM	9.3	10.4	11.4	15.9	19.0	21.2	21.1	19.8	23.2	19.2	16.7	7.9	7.9
	YEAR	2001	1996	1996	1996	1992	1990	1989	1996	2001	1992	2000	1989	DEC/1989
	# OBS	9567	8217	8797	8965	9729	9219	9609	9936	10519	10930	9783	10248	115519

STATION: SAUF1 -- POR (5/2001 - 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
2001	MEAN	-	-	-	-	18.6	21.6	22.4	22.0	20.6	15.9	16.0	13.2	18.6
	MAXIMUM	-	-	-	-	23.2	24.5	25.5	25.4	24.6	23.2	20.7	21.1	25.5
	DAY-HR	-	-	-	-	26-02	08-20	10-18	17-23	01-18	24-23	03-17	15-01	JUL
	MINIMUM	-	-	-	-	12.0	16.0	15.5	17.4	11.9	-7.3	2.4	-9.5	-9.5
	DAY-HR	-	-	-	-	24-18	02-21	15-17	27-18	30-23	27-17	07-06	26-21	DEC
	# OBS	-	-	-	-	535	713	733	528	712	744	711	744	5420
POR	MEAN	-	-	-	-	18.6	21.6	22.4	22.0	20.6	15.9	16.0	13.2	18.6
	MAXIMUM	-	-	-	-	23.2	24.5	25.5	25.4	24.6	23.2	20.7	21.1	25.5
	YEAR	-	-	-	-	2001	2001	2001	2001	2001	2001	2001	2001	JUL/2001
	MINIMUM	-	-	-	-	12.0	16.0	15.5	17.4	11.9	-7.3	2.4	-9.5	-9.5
	YEAR	-	-	-	-	2001	2001	2001	2001	2001	2001	2001	2001	DEC/2001
	# OBS	-	-	-	-	535	713	733	528	712	744	711	744	5420

STATION: SAUF1 -- POR (9/1986 - 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
1986	MEAN	-	-	-	-	-	-	-	-	1019.8	1019.0	1018.7	1019.9	1019.4
	MAXIMUM	-	-	-	-	-	-	-	-	1024.9	1024.6	1028.0	1029.7	1029.7
	DAY-HR	-	-	-	-	-	-	-	-	20-16	20-16	14-15	14-03	DEC
	MINIMUM	-	-	-	-	-	-	-	-	1011.0	1013.1	1009.2	1008.0	1008.0
	DAY-HR	-	-	-	-	-	-	-	-	06-09	14-21	30-20	24-20	DEC
	# OBS	-	-	-	-	-	-	-	-	596	738	566	735	2635
1987	MEAN	1017.1	1017.1	1015.8	1015.0	1018.7	1018.0	1018.5	1017.5	1015.7	1018.7	1020.1	1020.5	1017.8
	MAXIMUM	1027.3	1029.6	1028.3	1024.4	1022.6	1025.0	1023.9	1024.5	1021.9	1028.0	1028.6	1033.6	1033.6
	DAY-HR	29-16	10-16	05-16	01-15	27-16	08-16	21-17	26-16	28-16	31-16	24-15	30-16	DEC
	MINIMUM	998.0	1001.9	1004.7	1002.7	1013.5	1011.5	1012.2	1009.5	1005.4	1005.4	1007.1	1009.1	998.0
	DAY-HR	22-13	16-21	31-05	16-22	02-00	27-08	28-23	11-21	30-22	12-20	04-19	01-00	JAN
	# OBS	718	652	699	716	743	716	744	743	567	741	719	743	8501
1988	MEAN	1024.5	1021.3	1020.8	1014.2	1016.4	1016.7	1019.7	1017.1	1017.4	1018.9	1018.7	1024.1	1019.1
	MAXIMUM	1040.0	1032.3	1030.2	1023.3	1023.2	1026.0	1025.5	1023.0	1024.1	1027.5	1027.0	1032.3	1040.0
	DAY-HR	28-16	07-06	23-16	01-16	13-16	14-18	29-16	02-16	16-16	14-16	29-16	19-16	JAN
	MINIMUM	1009.7	1006.9	1004.1	1002.0	1009.3	1006.2	1009.2	1011.1	1007.3	1009.9	1003.2	1013.2	1002.0
	DAY-HR	25-18	20-18	10-11	12-19	18-09	03-22	01-00	28-10	06-10	03-22	05-10	11-20	APR
	# OBS	741	695	742	716	742	719	716	742	717	739	711	723	8703
1989	MEAN	1022.7	1023.9	1019.3	1018.1	1017.7	1018.5	1019.1	1016.6	1015.4	1018.2	1019.2	1020.6	1019.1
	MAXIMUM	1031.0	1034.3	1026.5	1027.2	1024.6	1025.0	1025.0	1022.1	1021.7	1027.7	1029.1	1028.1	1034.3
	DAY-HR	11-15	09-16	17-15	02-16	31-16	01-16	23-15	01-15	28-16	22-14	19-14	25-03	FEB

	MINIMUM	1011.9	1010.3	1008.7	1010.4	1010.2	1013.1	1013.9	1008.7	1005.0	1011.1	1008.7	1005.8	1005.0
	DAY-HR	22-20	21-20	31-21	01-00	10-23	07-07	20-19	07-23	22-00	08-20	23-10	09-03	SEP
	# OBS	741	667	737	713	734	712	737	734	719	718	671	663	8546
1990	MEAN	1022.2	1022.9	1022.7	1018.5	1016.1	1017.2	1017.4	1016.8	1016.7	1016.2	1020.0	1022.0	1019.0
	MAXIMUM	1031.9	1037.9	1031.4	1029.9	1023.5	1024.2	1023.3	1020.6	1022.1	1025.5	1030.4	1029.0	1037.9
	DAY-HR	14-15	26-17	09-02	20-16	08-15	02-16	17-03	14-16	04-16	30-16	30-16	01-16	FEB
	MINIMUM	1012.3	1008.0	1010.3	1006.5	1004.4	1009.8	1010.9	1010.0	1009.2	1003.4	1005.2	1010.6	1003.4
	DAY-HR	08-09	10-20	17-20	03-21	28-22	19-23	28-10	30-20	16-20	10-21	10-07	18-21	OCT
	# OBS	743	671	734	692	740	711	737	744	718	739	713	731	8673
1991	MEAN	1020.4	1019.8	1015.0	1017.6	1017.7	-	1017.5	1017.3	1017.4	1017.1	1020.7	1022.3	1018.5
	MAXIMUM	1028.4	1031.5	1025.1	1027.9	1023.9	-	1022.9	1023.3	1023.3	1025.1	1027.2	1036.9	1036.9
	DAY-HR	10-04	02-16	16-16	04-17	08-15	-	21-14	07-16	30-04	18-15	28-15	20-15	DEC
	MINIMUM	1007.9	999.1	995.2	1006.7	1011.3	-	1013.3	1011.7	1006.5	1007.3	1013.2	1009.7	995.2
	DAY-HR	20-03	14-21	03-20	21-22	30-22	-	30-20	18-23	25-21	02-09	10-20	03-21	MAR
	# OBS	736	670	743	716	742	-	485	740	718	742	717	743	7752
1992	MEAN	1018.2	1016.8	1017.2	1017.0	1016.1	1012.9	1018.9	1018.3	1017.0	1017.3	1018.8	1021.3	1017.5
	MAXIMUM	1028.8	1027.6	1026.0	1024.8	1023.3	1019.4	1024.0	1022.2	1023.0	1029.9	1027.0	1029.5	1029.9
	DAY-HR	25-16	21-17	16-17	16-15	17-16	08-14	24-15	26-15	06-15	22-15	10-15	28-15	OCT
	MINIMUM	1005.1	995.5	1005.3	1006.7	1007.2	1006.3	1013.8	1013.8	1008.6	1005.6	1010.5	1007.4	995.5
	DAY-HR	14-09	06-13	10-23	25-22	13-22	04-22	06-22	28-23	29-09	04-19	05-21	10-19	FEB
	# OBS	740	691	741	673	697	678	696	742	713	740	708	739	8558
1993	MEAN	1020.6	1018.6	1017.8	1016.1	1016.3	1017.3	1017.4	1017.2	1017.6	1016.0	1020.2	1019.4	1017.9
	MAXIMUM	1028.6	1026.7	1036.7	1025.7	1022.5	1024.2	1022.5	1023.4	1023.5	1021.6	1029.6	1032.8	1036.7
	DAY-HR	20-15	24-16	15-16	28-17	09-15	18-16	14-16	05-03	13-15	06-14	02-15	27-15	MAR
	MINIMUM	1008.1	1007.0	986.6	1004.4	1005.4	1005.4	1012.6	1012.3	1012.5	1003.8	1009.8	1002.6	986.6
	DAY-HR	09-06	12-21	13-11	10-00	13-23	01-10	30-21	18-23	04-23	30-16	06-19	14-21	MAR
	# OBS	733	671	735	710	734	719	718	738	717	744	715	741	8675
1994	MEAN	1021.9	1021.5	1016.4	1019.5	1015.1	1017.2	1019.5	1018.5	1017.2	1015.3	1018.3	1019.1	1018.3
	MAXIMUM	1034.1	1031.8	1030.2	1026.7	1022.3	1022.1	1024.9	1022.7	1023.4	1022.1	1028.5	1025.6	1034.1
	DAY-HR	19-16	03-16	12-16	09-16	06-15	26-14	09-15	25-15	13-16	17-16	24-16	01-16	JAN
	MINIMUM	1001.6	1010.8	1000.7	1010.8	1007.2	1012.8	1013.0	1012.6	1009.5	1002.9	1004.5	1001.8	1000.7
	DAY-HR	03-23	24-11	02-20	22-22	19-14	24-21	28-08	21-23	26-20	03-08	16-20	23-20	MAR
	# OBS	743	655	743	718	737	693	735	742	713	692	714	740	8625
1995	MEAN	1019.1	1019.9	1018.7	1015.9	1015.5	1015.0	1016.6	1013.5	1015.3	1015.3	1020.1	1020.4	1017.1
	MAXIMUM	1029.9	1031.2	1032.7	1024.5	1021.5	1023.4	1022.6	1020.2	1021.3	1024.7	1027.0	1031.7	1032.7
	DAY-HR	25-15	09-16	11-16	03-16	24-15	16-16	05-04	04-15	15-15	30-16	17-16	11-15	MAR
	MINIMUM	1006.1	1006.4	1005.1	1006.5	1006.9	1002.8	1010.2	1006.2	1008.9	1003.0	1010.5	1003.3	1002.8
	DAY-HR	15-06	04-09	23-22	06-10	20-08	05-23	18-22	25-08	02-07	04-23	14-20	19-21	JUN
	# OBS	738	667	739	710	738	715	741	742	716	737	715	738	8696
1996	MEAN	1019.5	1019.0	1018.5	1018.0	1018.4	1016.8	1017.4	1018.4	1014.4	1017.1	1021.5	1021.3	1018.3
	MAXIMUM	1028.0	1038.4	1032.3	1024.9	1026.9	1024.1	1025.4	1023.0	1022.4	1028.0	1033.3	1032.5	1038.4
	DAY-HR	28-16	05-16	10-03	21-15	09-16	01-16	17-16	06-16	27-15	27-15	13-16	20-15	FEB
	MINIMUM	1003.7	1006.1	1001.4	1007.1	1007.3	1012.0	1008.2	1011.1	1006.4	994.8	1010.1	1009.6	994.8
	DAY-HR	02-21	16-09	19-10	01-21	22-07	21-22	03-22	31-22	05-08	08-04	08-19	08-00	OCT
	# OBS	732	691	740	732	737	716	833	787	715	729	690	735	8837
1997	MEAN	1021.0	1022.4	1019.1	1015.9	1017.5	1014.8	1017.1	1017.0	1015.1	1017.4	1017.3	1015.2	1017.5
	MAXIMUM	1029.9	1033.1	1028.5	1025.8	1025.9	1021.8	1022.6	1023.2	1021.2	1025.4	1029.3	1027.8	1033.1
	DAY-HR	21-16	17-16	08-16	02-16	05-16	25-16	08-13	17-16	06-15	10-16	17-16	31-23	FEB
	MINIMUM	1007.2	1014.5	1006.1	997.8	1007.0	1004.1	1009.0	1011.2	1007.2	1010.0	1002.2	1002.4	997.8
	DAY-HR	09-19	15-09	21-21	23-21	13-01	06-08	02-22	30-21	27-10	31-23	30-21	01-00	APR
	# OBS	730	652	734	705	730	713	727	741	716	733	698	737	8616
1998	MEAN	1018.5	1013.0	1019.0	1016.2	1014.4	1016.0	1016.9	1016.6	1014.7	1018.9	1019.5	1021.6	1017.1
	MAXIMUM	1036.9	1024.2	1032.7	1025.4	1020.8	1024.4	1022.6	1023.0	1021.1	1026.7	1027.2	1028.2	1036.9
	DAY-HR	01-15	10-16	26-16	13-16	20-15	09-15	21-17	09-15	11-16	24-15	08-02	20-15	JAN
	MINIMUM	1003.9	991.8	1003.4	1003.5	1003.2	1007.6	1010.6	1006.7	1004.9	1007.4	1004.6	1006.4	991.8
	DAY-HR	16-10	04-08	20-21	04-21	08-22	14-22	11-21	26-07	03-09	01-04	05-11	29-20	FEB
	# OBS	716	666	712	694	713	688	731	780	708	728	719	738	8593
1999	MEAN	1022.3	1020.2	1018.2	1017.1	1016.7	1017.6	1018.8	1014.0	1012.5	1017.2	1019.7	1021.2	1018.0
	MAXIMUM	1032.8	1029.8	1028.7	1025.8	1023.6	1022.2	1024.3	1021.9	1021.0	1024.9	1031.0	1031.9	1032.8
	DAY-HR	05-15	15-16	08-16	18-15	30-16	06-16	18-15	16-15	28-15	25-16	05-15	01-16	JAN
	MINIMUM	1008.0	1005.5	1004.0	1006.1	1007.8	1013.2	1009.7	1004.9	992.1	997.1	1007.6	1010.0	992.1
	DAY-HR	03-04	19-20	14-21	15-21	01-08	16-22	30-23	29-10	15-14	17-06	02-19	28-21	SEP
	# OBS	741	660	715	720	742	719	736	741	717	741	715	742	8689
2000	MEAN	1021.6	1023.0	1017.5	1016.7	1017.3	1019.0	1015.6	1017.3	1014.5	1019.5	1018.5	1021.7	1018.5
	MAXIMUM	1038.6	1032.0	1026.3	1027.6	1024.7	1023.7	1021.1	1023.4	1020.0	1027.0	1031.6	1029.8	1038.6
	DAY-HR	15-15	06-16	07-16	10-15	18-16	19-13	09-15	23-16	19-15	23-16	22-15	26-15	JAN
	MINIMUM	1002.0	1013.2	1000.0	1004.9	1008.3	1012.4	1006.5	1009.3	1008.2	1011.2	1009.3	1002.2	1000.0
	DAY-HR	24-19	14-21	28-00	25-08	29-20	05-20	15-22	30-22	18-09	01-10	09-23	28-21	MAR
	# OBS	742	692	740	709	725	720	738	744	715	739	715	743	8722
2001	MEAN	1021.0	1022.6	1014.5	1020.9	1017.2	1017.6	1016.4	1017.8	1014.7	1019.7	1019.9	1019.1	1018.5
	MAXIMUM	1031.7	1029.4	1023.2	1031.0	1023.4	1026.3	1023.3	1023.4	1019.9	1030.7	1027.5	1027.5	1031.7
	DAY-HR	02-15	19-16	27-16	21-17	10-16	27-14	28-15	07-15	17-15	29-16	07-15	22-15	JAN

	MINIMUM	1009.8	1012.4	1006.3	1009.3	1010.0	1009.7	1009.1	1013.4	999.1	1010.5	1011.1	1009.2	999.1
	DAY-HR	08-20	28-21	20-09	01-00	16-22	02-21	13-22	04-21	14-22	23-19	15-21	18-07	SEP
	# OBS	744	672	739	714	721	717	734	533	713	744	718	744	8493
POR	MEAN	1020.7	1020.1	1018.0	1017.1	1016.7	1016.8	1017.8	1016.9	1015.9	1017.6	1019.4	1020.6	1018.2
	MAXIMUM	1040.0	1038.4	1036.7	1031.0	1026.9	1026.3	1025.5	1024.5	1024.9	1030.7	1033.3	1036.9	1040.0
	YEAR	1988	1996	1993	2001	1996	2001	1988	1987	1986	2001	1996	1991	JAN/1988
	MINIMUM	998.0	991.8	986.6	997.8	1003.2	1002.8	1006.5	1004.9	992.1	994.8	1002.2	1001.8	986.6
	YEAR	1987	1998	1993	1997	1998	1995	2000	1999	1999	1996	1997	1994	MAR/1993
	# OBS	11038	10072	10993	10638	10975	9936	10808	10993	11178	11744	11204	11735	131314

STATION: SAUF1 -- POR (9/1986 - 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
1986	MEAN	-	-	-	-	-	-	-	-	7.2	9.4	8.0	10.4	8.9
	MAXIMUM	-	-	-	-	-	-	-	-	21.0	28.0	28.0	28.0	28.0
	DAY-HR	-	-	-	-	-	-	-	-	14-22	19-02	14-08	06-03	DEC
	MINIMUM	-	-	-	-	-	-	-	-	0.0	0.0	0.0	0.0	0.0
	DAY-HR	-	-	-	-	-	-	-	-	26-14	31-20	30-22	25-22	DEC
	# OBS	-	-	-	-	-	-	-	-	597	738	567	735	2637
1987	MEAN	7.5	8.6	8.6	7.0	7.7	8.0	6.9	6.7	6.8	13.7	9.3	6.9	8.2
	MAXIMUM	38.1	24.1	23.1	18.1	18.1	19.1	25.1	19.6	19.8	31.7	26.4	23.7	38.1
	DAY-HR	05-17	21-09	06-21	26-05	05-19	12-23	30-02	20-21	04-23	13-03	06-14	05-01	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	29-15	28-12	30-04	30-16	23-12	30-11	27-06	27-13	25-05	28-05	29-12	31-17	DEC
	# OBS	718	652	699	716	743	716	743	743	567	742	719	743	8501
1988	MEAN	9.5	9.5	7.7	8.0	8.9	8.2	8.4	8.1	10.1	11.1	9.4	8.6	9.0
	MAXIMUM	25.5	28.4	20.6	23.7	29.4	18.7	24.3	22.4	26.4	28.2	33.6	37.3	37.3
	DAY-HR	15-15	05-12	10-12	30-22	01-06	04-21	06-06	16-00	07-23	07-18	23-09	13-01	DEC
	MINIMUM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.2	0.0	0.0
	DAY-HR	31-02	29-14	30-11	30-12	30-08	23-14	19-14	08-11	24-14	31-22	03-13	31-07	DEC
	# OBS	741	695	742	715	742	719	718	742	718	739	711	724	8706
1989	MEAN	9.7	9.3	10.0	10.1	8.8	7.7	7.3	7.6	9.2	12.9	8.2	10.3	9.3
	MAXIMUM	42.2	30.1	31.1	26.8	22.2	20.6	19.6	20.6	27.6	33.6	23.3	31.9	42.2
	DAY-HR	22-19	18-01	08-22	12-01	28-22	09-02	06-21	18-06	19-21	29-17	30-12	22-23	JAN
	MINIMUM	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	DAY-HR	28-05	26-00	30-22	30-09	17-05	27-06	23-07	28-13	01-13	21-23	28-23	31-00	DEC
	# OBS	741	667	737	717	735	716	740	735	719	727	680	670	8584
1990	MEAN	8.4	10.6	9.2	10.2	10.7	7.2	9.2	6.9	9.3	11.6	9.4	8.8	9.3
	MAXIMUM	24.5	26.0	18.7	29.9	25.9	22.2	25.3	20.2	20.4	30.7	30.9	25.1	30.9
	DAY-HR	02-11	20-19	08-06	18-23	09-23	04-20	27-18	03-18	27-20	12-03	30-08	27-01	NOV
	MINIMUM	0.0	0.0	0.0	0.2	0.6	0.2	0.0	0.0	0.6	1.2	0.4	0.0	0.0
	DAY-HR	24-01	14-14	09-13	24-03	15-12	27-10	16-11	08-13	29-07	23-23	23-01	17-01	DEC
	# OBS	736	671	240	666	741	712	737	744	719	739	712	733	8150
1991	MEAN	10.5	9.0	10.4	8.2	10.0	-	7.7	7.4	11.1	10.5	9.8	9.9	9.6
	MAXIMUM	30.3	27.6	27.6	25.9	27.6	-	29.4	21.0	30.7	28.2	28.2	29.9	30.7
	DAY-HR	24-22	01-06	09-18	25-23	01-20	-	16-23	01-10	29-02	07-16	09-04	19-15	SEP
	MINIMUM	0.6	0.0	0.2	0.0	0.0	-	0.4	0.0	0.4	0.0	0.0	0.0	0.0
	DAY-HR	29-11	26-01	12-13	27-02	01-11	-	30-00	28-08	02-05	18-06	23-11	12-21	DEC
	# OBS	737	670	743	716	742	-	485	740	718	742	718	743	7754
1992	MEAN	9.2	8.9	8.8	9.5	9.0	7.7	7.4	7.3	10.6	11.0	10.5	10.3	9.3
	MAXIMUM	31.5	27.6	29.4	31.1	26.2	29.4	19.2	20.4	32.3	31.9	26.6	27.2	32.3
	DAY-HR	19-20	06-19	25-23	14-00	07-01	25-20	30-19	11-23	30-01	03-21	16-21	28-00	SEP
	MINIMUM	0.0	0.2	0.6	0.2	0.0	0.0	0.0	0.2	0.6	0.2	0.4	0.8	0.0
	DAY-HR	28-06	18-06	09-08	17-10	28-09	29-00	20-12	30-13	18-07	10-03	25-06	20-11	JUL
	# OBS	740	691	740	673	698	678	342	742	714	739	707	739	8203
1993	MEAN	10.1	9.7	11.0	10.9	8.8	9.0	7.0	7.9	8.4	10.2	11.9	9.3	9.5
	MAXIMUM	38.3	26.8	36.4	26.8	20.6	19.1	19.8	25.7	24.5	30.7	31.1	28.2	38.3
	DAY-HR	26-22	02-12	13-06	27-09	05-03	04-00	05-21	15-21	27-00	23-20	23-09	01-22	JAN
	MINIMUM	0.2	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.2	0.6	0.0	0.0	0.0
	DAY-HR	07-01	25-05	26-08	05-12	30-06	13-11	28-13	09-11	17-12	09-10	15-05	29-01	DEC
	# OBS	733	670	735	710	737	719	722	740	716	744	716	741	8683
1994	MEAN	11.0	10.2	10.1	9.1	10.0	6.9	6.4	8.0	9.5	11.6	10.6	10.9	9.5
	MAXIMUM	30.1	32.3	24.9	27.2	31.5	21.6	18.5	24.3	28.4	28.4	36.2	27.2	36.2
	DAY-HR	09-21	14-08	11-15	23-14	20-06	29-01	29-20	15-23	21-21	16-09	17-01	13-01	NOV
	MINIMUM	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0
	DAY-HR	13-05	26-23	26-16	22-11	19-12	14-05	31-05	29-13	29-14	30-13	26-15	08-01	DEC
	# OBS	743	657	743	718	737	693	738	742	714	692	714	740	8631

1995	MEAN	8.1	9.6	10.2	8.7	9.9	8.9	7.5	12.4	9.6	11.3	8.6	8.5	9.5
	MAXIMUM	24.9	24.1	27.6	24.5	25.3	30.7	27.8	36.5	29.9	28.2	21.2	28.4	36.5
	DAY-HR	05-22	21-18	02-10	06-23	22-20	10-06	29-00	02-10	05-22	05-00	30-21	07-22	AUG
	MINIMUM	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.2	0.4	0.0	0.0	0.0	0.0
	DAY-HR	18-03	23-16	18-13	15-06	28-12	29-04	14-13	12-10	22-13	08-04	24-10	15-02	DEC
	# OBS	738	667	739	710	738	715	741	741	716	737	715	738	8695
1996	MEAN	9.6	8.7	9.2	8.7	8.6	9.0	8.5	7.0	8.6	10.9	12.2	9.2	9.2
	MAXIMUM	27.4	25.3	25.7	24.5	24.7	27.4	29.2	21.4	22.4	35.0	36.5	24.1	36.5
	DAY-HR	25-14	17-00	31-02	30-02	31-22	27-21	11-23	31-10	27-13	04-21	15-17	25-12	NOV
	MINIMUM	0.2	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0
	DAY-HR	29-05	21-09	30-11	22-10	16-12	16-01	31-10	18-07	21-09	22-10	29-16	24-09	DEC
	# OBS	732	684	287	732	737	716	833	787	715	729	690	735	8377
1997	MEAN	9.4	10.5	9.0	10.6	9.6	9.0	7.2	8.2	8.4	11.1	8.4	8.9	9.2
	MAXIMUM	28.0	26.6	24.5	26.8	32.9	24.7	26.8	27.4	26.0	27.6	24.1	31.3	32.9
	DAY-HR	30-07	23-20	25-11	26-23	27-23	04-20	10-00	01-11	04-17	15-15	25-10	15-22	MAY
	MINIMUM	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	1.2	0.0	0.0	0.0	0.0
	DAY-HR	24-08	03-14	21-08	10-05	08-09	12-12	18-10	02-12	26-20	31-10	29-07	26-03	DEC
	# OBS	730	652	734	705	729	713	726	740	716	733	698	737	8613
1998	MEAN	8.7	10.5	9.1	9.9	7.9	8.7	7.4	8.3	10.3	11.1	8.2	8.5	9.0
	MAXIMUM	28.2	26.8	32.9	22.9	22.7	27.8	25.5	35.0	28.8	29.0	37.3	22.4	37.3
	DAY-HR	19-23	03-07	09-04	28-23	04-18	20-01	12-17	10-19	03-04	01-04	05-15	25-12	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	24-12	07-01	17-13	28-10	30-12	28-10	27-00	18-12	20-12	08-12	30-14	29-08	DEC
	# OBS	716	665	712	694	713	688	731	780	708	728	719	739	8593
1999	MEAN	8.2	9.0	9.7	9.1	9.8	10.3	8.3	8.7	11.5	12.6	10.8	9.3	9.8
	MAXIMUM	28.4	26.8	26.4	22.4	24.9	28.8	20.8	27.4	51.1	49.0	29.5	26.8	51.1
	DAY-HR	31-14	01-03	08-03	15-21	05-13	19-10	08-01	03-02	15-11	16-23	30-11	25-21	SEP
	MINIMUM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.6	0.8	0.0	0.0	0.0
	DAY-HR	30-11	16-10	20-15	03-09	28-07	25-07	28-22	23-12	09-15	20-13	12-05	05-11	DEC
	# OBS	741	660	715	715	742	719	737	741	717	741	715	742	8685
2000	MEAN	9.3	9.2	9.7	10.0	10.3	10.0	8.2	7.5	11.1	12.9	8.8	11.2	9.9
	MAXIMUM	35.2	24.5	26.4	29.7	22.2	24.1	21.8	20.8	33.0	32.9	31.9	30.1	35.2
	DAY-HR	14-10	21-21	23-22	14-00	30-12	15-21	15-20	30-20	30-14	09-05	19-20	04-00	JAN
	MINIMUM	0.0	0.0	0.0	0.6	0.6	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0
	DAY-HR	24-05	16-14	18-07	10-14	27-06	27-20	29-09	07-04	23-20	31-07	24-14	22-07	DEC
	# OBS	742	692	740	709	727	720	739	744	716	739	718	743	8729
2001	MEAN	9.4	8.8	10.5	9.9	9.5	7.9	8.9	7.6	11.4	12.9	11.0	8.3	9.7
	MAXIMUM	32.5	22.4	30.9	29.5	26.6	28.2	29.7	24.1	48.2	28.6	40.2	22.7	48.2
	DAY-HR	22-22	23-20	20-01	18-02	07-18	14-21	05-21	03-00	14-22	29-19	16-00	03-21	SEP
	MINIMUM	0.0	0.2	0.0	0.8	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.4	0.0
	DAY-HR	31-00	14-14	24-05	15-06	27-08	19-05	05-22	31-04	06-13	24-03	29-14	09-14	NOV
	# OBS	744	672	739	714	725	718	734	533	715	744	718	744	8500
POR	MEAN	9.2	9.5	9.6	9.3	9.3	8.5	7.8	8.0	9.6	11.6	9.7	9.3	9.3
	MAXIMUM	42.2	32.3	36.4	31.1	32.9	30.7	29.7	36.5	51.1	49.0	40.2	37.3	51.1
	YEAR	1989	1994	1993	1992	1997	1995	2001	1995	1999	1999	2001	1988	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	2001	2000	2001	1999	2001	2001	2000	2001	2001	2001	2001	2000	NOV/2001
	# OBS	11032	10065	10045	10610	10986	9942	10466	10994	11185	11753	11217	11746	130041

STATION: SAUF1 -- POR (9/1986 - 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
1986	MEAN	-	-	-	-	-	-	-	-	8.2	10.9	9.2	12.1	10.3
	MAXIMUM	-	-	-	-	-	-	-	-	23.1	32.1	32.1	32.1	32.1
	DAY-HR	-	-	-	-	-	-	-	-	14-22	19-17	14-08	06-01	DEC
	# OBS	-	-	-	-	-	-	-	-	595	737	566	735	2633
1987	MEAN	9.5	10.3	10.2	8.9	9.0	9.2	8.0	7.9	8.1	15.6	10.7	8.3	9.7
	MAXIMUM	42.0	27.0	26.0	22.0	21.0	22.0	28.2	23.9	24.7	36.4	30.9	28.6	42.0
	DAY-HR	05-17	21-09	08-02	03-19	05-20	12-23	30-02	20-21	15-18	13-10	06-18	05-01	JAN
	# OBS	718	652	699	716	743	716	743	743	568	741	719	743	8501
1988	MEAN	11.1	11.2	9.1	9.8	10.3	9.6	9.7	9.3	11.5	12.6	10.8	9.8	10.4
	MAXIMUM	29.2	32.5	27.8	28.6	32.3	22.0	27.6	25.1	29.7	31.1	39.9	43.4	43.4
	DAY-HR	15-05	05-12	10-12	12-17	01-06	09-19	06-06	12-17	26-04	07-18	23-09	13-01	DEC
	# OBS	741	695	742	715	742	719	713	742	716	738	709	723	8695
1989	MEAN	11.2	10.9	11.6	11.6	10.2	8.9	8.4	8.7	10.6	14.8	9.5	12.0	10.7

	MAXIMUM	48.6	34.0	34.8	29.7	28.4	23.3	27.0	24.1	30.3	35.8	27.0	35.8	48.6
	DAY-HR	22-18	17-23	10-07	12-01	24-20	09-02	04-20	18-06	25-23	28-23	30-06	23-10	JAN
	# OBS	741	668	736	713	729	711	732	732	719	714	662	654	8511
1990	MEAN	9.8	12.1	10.4	11.7	12.3	8.4	10.6	8.1	10.7	13.3	10.7	10.1	10.7
	MAXIMUM	26.4	29.0	21.4	33.0	29.7	29.0	29.0	22.9	22.7	34.0	35.8	26.8	35.8
	DAY-HR	02-11	20-19	08-06	18-23	29-17	04-20	01-22	03-18	18-19	12-03	30-08	27-01	NOV
	# OBS	736	671	239	665	737	712	736	744	719	738	706	726	8129
1991	MEAN	11.9	10.5	12.4	9.3	11.3	-	9.1	8.6	12.6	11.9	11.2	11.3	11.0
	MAXIMUM	34.0	37.5	34.8	29.0	36.4	-	36.7	25.1	36.0	31.5	31.3	34.8	37.5
	DAY-HR	24-22	15-20	03-19	25-23	01-20	-	16-23	10-22	29-02	07-16	09-04	19-23	FEB
	# OBS	730	668	742	715	742	-	485	740	718	742	717	743	7742
1992	MEAN	10.9	10.4	10.3	10.9	10.4	9.1	8.7	8.4	11.9	12.6	12.0	11.8	10.7
	MAXIMUM	35.6	30.7	33.4	33.0	29.0	32.1	24.9	34.0	35.8	36.9	29.4	29.4	36.9
	DAY-HR	19-20	06-18	25-23	14-00	07-01	25-20	30-19	17-21	30-01	03-21	16-21	28-00	OCT
	# OBS	740	691	740	673	698	678	342	742	713	739	703	737	8196
1993	MEAN	11.3	11.3	13.1	12.6	9.9	10.2	8.2	9.0	9.7	11.7	13.5	11.0	11.0
	MAXIMUM	44.9	29.5	53.5	31.7	22.6	25.9	21.6	35.2	27.6	33.8	34.6	31.9	53.5
	DAY-HR	26-21	02-14	13-12	01-04	22-14	27-18	16-00	15-21	27-00	07-00	23-07	01-19	MAR
	# OBS	733	670	735	710	733	719	718	737	716	744	715	741	8671
1994	MEAN	12.7	11.4	12.1	10.2	11.5	8.2	7.2	9.1	10.8	13.2	12.1	12.5	10.9
	MAXIMUM	33.2	35.2	31.9	29.2	35.0	24.7	20.2	28.0	31.1	32.1	38.9	29.5	38.9
	DAY-HR	19-10	14-08	03-00	23-14	20-06	12-00	29-20	15-23	21-15	16-08	17-01	13-01	NOV
	# OBS	743	656	743	718	737	693	731	742	713	692	714	740	8622
1995	MEAN	9.7	11.5	11.7	9.8	11.4	10.4	8.8	14.1	10.9	12.8	10.2	10.0	11.0
	MAXIMUM	28.6	34.6	31.1	25.9	29.0	33.2	30.9	41.8	33.6	31.7	25.7	31.5	41.8
	DAY-HR	23-21	21-19	09-17	06-23	22-20	10-06	29-00	02-10	05-22	05-00	12-04	07-22	AUG
	# OBS	738	667	739	710	738	715	741	741	716	737	715	738	8695
1996	MEAN	11.3	10.8	11.0	10.1	9.8	10.4	10.4	7.9	10.0	12.5	14.1	10.6	10.7
	MAXIMUM	29.9	32.9	31.1	27.4	26.6	35.4	32.3	23.7	25.3	40.4	41.4	26.8	41.4
	DAY-HR	21-19	17-00	20-19	30-02	31-22	09-17	24-18	31-10	27-13	04-23	15-17	01-17	NOV
	# OBS	732	684	287	732	737	716	833	786	715	729	690	735	8376
1997	MEAN	10.9	11.7	10.5	12.5	11.0	10.4	8.5	9.5	9.8	12.7	10.0	10.8	10.7
	MAXIMUM	30.5	28.6	25.9	31.3	37.7	27.4	29.7	29.7	29.9	29.5	28.0	40.8	40.8
	DAY-HR	30-07	23-20	25-11	26-23	27-23	04-20	10-00	01-11	04-17	15-15	24-14	15-21	DEC
	# OBS	729	652	734	705	727	712	726	740	716	733	698	736	8608
1998	MEAN	10.1	12.7	10.8	11.6	9.7	10.7	9.0	9.6	11.8	12.5	9.4	9.9	10.6
	MAXIMUM	31.5	33.8	47.2	27.4	28.4	32.3	29.9	40.4	34.4	33.4	41.2	25.1	47.2
	DAY-HR	19-23	04-17	09-04	09-21	04-18	20-01	12-17	10-19	03-17	01-04	05-15	25-12	MAR
	# OBS	716	665	712	694	713	688	731	779	708	726	719	739	8590
1999	MEAN	9.5	10.8	11.4	10.9	11.3	11.7	9.6	10.2	13.1	14.3	12.3	10.8	11.3
	MAXIMUM	32.7	30.9	30.1	29.4	28.6	33.0	22.7	32.9	60.5	55.4	33.0	30.9	60.5
	DAY-HR	31-14	01-03	21-19	09-19	05-13	19-10	14-00	03-02	15-12	16-23	30-11	25-20	SEP
	# OBS	741	660	715	715	742	719	737	741	717	741	715	742	8685
2000	MEAN	11.1	10.5	11.2	11.9	11.9	11.5	9.7	8.6	12.8	14.5	10.3	12.8	11.4
	MAXIMUM	41.2	26.8	29.4	32.5	23.9	27.6	25.5	26.2	36.9	37.9	35.0	32.5	41.2
	DAY-HR	14-10	21-21	23-22	14-00	30-12	15-21	15-20	12-23	30-14	09-10	19-20	04-17	JAN
	# OBS	742	692	740	709	725	720	736	744	714	739	718	742	8721
2001	MEAN	11.0	9.9	12.6	11.4	10.9	9.4	10.6	8.7	12.9	14.6	12.2	9.6	11.2
	MAXIMUM	36.2	24.5	36.2	32.5	29.7	38.7	33.4	27.8	53.3	31.3	45.1	24.1	53.3
	DAY-HR	22-22	23-20	20-04	18-02	07-18	14-21	05-21	03-00	14-22	29-19	16-00	24-13	SEP
	# OBS	744	672	739	713	716	717	732	533	713	744	718	744	8485
POR	MEAN	10.8	11.1	11.3	10.9	10.7	9.9	9.1	9.2	11.0	13.2	11.2	10.8	10.8
	MAXIMUM	48.6	37.5	53.5	33.0	37.7	38.7	36.7	41.8	60.5	55.4	45.1	43.4	60.5
	YEAR	1989	1991	1993	1992	1997	2001	1991	1995	1999	1999	2001	1988	SEP/1999
	# OBS	11024	10063	10042	10603	10959	9935	10436	10986	11176	11734	11184	11718	129860

STATION: SAUF1 -- 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	-	-	-	-	-	11.2	10.6	11.0	13.2	17.6	11.5	14.6	12.8
	MAXIMUM	-	-	-	-	-	33.0	47.4	32.7	54.4	45.1	34.6	39.3	54.4
	DAY-HR	-	-	-	-	-	17-01	23-05	02-21	22-23	10-12	16-15	23-01	SEP
	MINIMUM	-	-	-	-	-	0.0	1.9	0.0	2.7	0.0	0.0	0.0	0.0

	DAY-HR	-	-	-	-	-	26-09	23-07	09-08	29-12	04-06	28-05	30-11	DEC
	# OBS	-	-	-	-	-	703	719	726	717	693	635	635	4828
1990	MEAN	11.4	14.7	12.6	13.9	14.6	10.5	13.0	10.1	12.8	15.8	12.7	12.2	12.9
	MAXIMUM	28.2	33.2	26.2	34.8	29.9	34.4	34.6	30.7	31.7	41.6	38.7	28.6	41.6
	DAY-HR	02-14	17-11	07-17	18-23	29-18	23-21	02-18	17-23	05-18	10-17	30-08	27-01	OCT
	MINIMUM	0.0	2.7	3.1	1.6	2.3	1.6	1.6	0.0	4.3	2.1	1.9	1.7	0.0
	DAY-HR	24-01	14-13	02-12	24-04	15-12	06-13	09-13	08-13	20-08	24-23	21-05	12-16	AUG
	# OBS	717	665	237	656	731	702	732	743	719	733	683	693	8011
1991	MEAN	14.4	12.9	15.4	11.5	13.4	-	11.4	10.9	15.0	14.3	13.4	13.7	13.4
	MAXIMUM	36.2	40.2	38.3	41.8	40.2	-	50.0	28.6	36.7	39.3	35.2	38.5	50.0
	DAY-HR	24-23	15-22	03-21	26-00	01-20	-	18-01	09-22	29-20	01-21	09-03	19-13	JUL
	MINIMUM	2.1	2.3	3.1	1.7	2.5	-	0.0	1.9	3.5	2.7	1.9	2.1	0.0
	DAY-HR	07-10	26-02	01-14	27-03	10-11	-	12-13	23-09	02-04	20-07	17-07	22-02	JUL
	# OBS	715	658	740	715	740	-	485	739	718	742	716	742	7710
1992	MEAN	13.6	12.9	12.8	13.0	12.7	11.7	10.9	10.7	14.4	14.9	14.6	14.1	13.1
	MAXIMUM	36.9	34.4	36.2	35.0	35.4	35.0	35.2	35.6	37.7	37.7	32.9	30.9	37.7
	DAY-HR	19-20	06-20	26-00	13-20	07-01	04-01	30-19	17-21	30-02	03-22	16-19	28-01	OCT
	MINIMUM	2.9	2.3	2.5	1.7	0.0	2.5	1.7	2.1	1.7	2.1	2.1	2.1	0.0
	DAY-HR	28-07	04-16	30-12	18-08	27-15	02-06	20-04	19-01	01-13	10-03	16-00	20-12	MAY
	# OBS	739	691	739	673	695	676	338	739	711	738	693	734	8166
1993	MEAN	13.7	13.9	16.1	15.3	11.7	12.2	10.3	11.3	12.0	14.3	15.9	13.5	13.4
	MAXIMUM	47.6	33.6	64.2	32.3	27.6	29.4	27.8	35.2	61.6	45.1	36.7	34.2	64.2
	DAY-HR	26-22	26-11	13-07	16-04	05-01	27-19	26-00	15-22	06-01	30-17	23-08	01-22	MAR
	MINIMUM	1.9	1.7	2.1	1.9	2.1	1.9	2.7	1.4	2.7	2.3	2.1	1.7	1.4
	DAY-HR	13-09	25-06	26-08	20-14	30-03	13-11	27-04	09-09	17-13	20-15	15-06	20-18	AUG
	# OBS	733	670	734	710	733	717	716	734	715	744	715	741	8662
1996	MEAN	14.1	13.7	13.4	12.3	11.6	12.9	13.3	9.4	12.2	15.0	16.9	13.1	13.2
	MAXIMUM	34.6	49.0	43.4	30.7	33.0	44.5	38.7	37.7	31.3	48.2	41.4	29.5	49.0
	DAY-HR	07-09	03-00	31-02	30-12	28-18	08-22	24-18	11-20	10-18	08-05	15-19	20-08	FEB
	MINIMUM	1.9	1.2	3.1	2.1	2.3	2.5	1.9	1.2	1.7	1.7	1.6	1.7	1.2
	DAY-HR	30-12	22-04	26-13	22-11	16-10	17-08	31-10	18-08	21-11	20-00	29-16	29-11	AUG
	# OBS	732	690	263	732	737	716	809	541	715	729	690	735	8089
1997	MEAN	13.4	13.9	13.0	15.4	13.6	13.1	10.9	12.0	12.1	15.4	12.4	13.8	13.2
	MAXIMUM	31.5	31.5	32.3	37.7	46.7	35.8	45.9	46.1	32.3	46.5	29.2	49.0	49.0
	DAY-HR	30-08	23-21	31-14	26-19	27-23	14-17	25-23	19-21	24-23	16-15	30-05	15-22	DEC
	MINIMUM	1.9	1.9	2.5	1.7	1.4	1.9	2.3	1.0	2.5	3.1	1.9	0.8	0.8
	DAY-HR	07-14	04-09	05-13	04-14	08-09	24-13	18-10	02-12	13-10	21-00	29-15	20-02	DEC
	# OBS	729	652	734	681	702	712	726	716	716	733	698	737	8536
1998	MEAN	12.7	15.8	13.3	14.4	12.2	13.5	11.8	12.2	14.1	14.6	11.1	12.1	13.1
	MAXIMUM	36.7	40.0	47.2	34.0	32.7	35.2	65.3	49.0	40.0	37.9	45.1	28.4	65.3
	DAY-HR	16-16	04-20	09-05	09-21	08-18	19-22	25-01	01-02	03-19	01-05	05-14	25-15	JUL
	MINIMUM	0.2	4.1	2.1	1.4	1.6	1.6	1.7	0.8	1.2	2.3	0.0	0.2	0.0
	DAY-HR	24-08	13-19	30-10	28-11	30-13	27-05	21-10	17-13	18-06	30-00	01-09	06-15	NOV
	# OBS	716	665	712	694	713	688	731	780	708	726	743	739	8615
1999	MEAN	11.7	13.5	13.6	13.4	13.8	13.9	11.8	12.9	15.8	16.7	14.5	13.3	13.7
	MAXIMUM	36.7	36.2	34.2	34.6	41.8	33.0	44.9	44.3	65.1	66.7	39.9	32.7	66.7
	DAY-HR	31-15	19-19	21-18	09-19	01-07	19-11	25-20	03-02	15-15	17-02	02-05	25-19	OCT
	MINIMUM	1.2	1.6	1.7	1.4	2.9	1.6	2.3	2.7	3.5	1.7	1.9	2.1	1.2
	DAY-HR	01-08	12-04	20-15	02-07	19-12	05-09	15-08	23-13	29-13	20-13	12-04	10-09	JAN
	# OBS	764	659	714	720	742	719	737	741	717	741	715	742	8711
2000	MEAN	13.9	12.6	13.7	14.7	14.5	13.9	12.3	10.8	15.6	17.0	12.5	15.4	13.9
	MAXIMUM	43.4	34.8	38.1	36.2	42.8	33.0	42.4	39.1	43.4	42.4	40.2	36.2	43.4
	DAY-HR	14-12	28-00	04-20	09-00	14-23	04-22	16-17	25-22	30-03	09-11	19-21	17-15	SEP
	MINIMUM	1.6	1.9	1.4	2.5	3.5	4.3	1.7	1.4	3.5	2.1	2.1	1.6	1.4
	DAY-HR	01-13	17-11	08-09	20-14	07-14	28-00	28-09	07-12	21-07	31-08	23-00	16-13	AUG
	# OBS	742	692	740	709	721	720	730	743	715	739	718	740	8709
2001	MEAN	13.6	12.0	15.8	13.6	13.0	12.1	13.2	11.4	16.7	17.7	15.4	12.6	14.0
	MAXIMUM	36.5	27.0	41.4	32.5	35.6	49.8	38.9	29.7	65.3	34.2	50.5	33.6	65.3
	DAY-HR	22-22	12-13	20-08	18-03	07-19	16-23	10-20	03-01	14-23	26-10	14-21	17-17	SEP
	MINIMUM	2.1	2.5	2.3	1.7	1.7	2.7	2.5	1.2	2.1	1.6	1.0	2.3	1.0
	DAY-HR	29-12	14-22	24-15	15-06	27-09	21-12	03-13	23-08	05-23	04-05	26-09	13-15	NOV
	# OBS	744	672	736	708	698	716	729	533	710	744	718	744	8452
POR	MEAN	13.3	13.6	14.1	13.7	13.1	12.5	11.9	11.2	14.0	15.7	13.7	13.5	13.4
	MAXIMUM	47.6	49.0	64.2	41.8	46.7	49.8	65.3	49.0	65.3	66.7	50.5	49.0	66.7
	YEAR	1993	1996	1993	1991	1997	2001	1998	1998	2001	1999	2001	1997	OCT/1999
	MINIMUM	0.0	1.2	1.4	1.4	0.0	0.0	0.0	0.0	1.2	0.0	0.0	0.0	0.0
	YEAR	1990	1996	2000	1999	1992	1989	1991	1990	1998	1989	1998	1989	NOV/1998
	# OBS	7331	6714	6349	6998	7212	7069	7452	7735	7861	8062	7724	7982	88489

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	1.1	0.1	-	*	*	*	*	*	*	*	*	*	*	1.3	145
1 - 3		0.9	0.9	0.7	0.7	0.7	0.8	0.9	0.8	0.9	0.9	0.8	0.8	9.8	1086
4 - 6		2.7	1.6	1.1	0.9	0.8	1.2	2.4	2.2	2.7	3.2	3.0	3.0	24.8	2743
7 - 10		4.9	2.4	1.0	0.9	1.2	1.2	2.9	2.1	2.4	4.0	3.9	5.0	31.9	3523
11 - 15		4.7	1.9	0.3	0.4	0.5	0.9	1.7	1.3	0.8	1.6	1.5	2.7	18.4	2030
16 - 20		4.7	1.2	0.2	0.1	0.1	0.4	0.5	0.2	0.1	0.4	0.3	1.0	9.1	1007
21 - 24		2.0	0.4	*	0.1	*	*	*	*	*	*	*	0.2	2.9	318
25 - 33		1.1	0.2	*	*	*	-	-	-	-	-	-	0.1	1.4	160
34 - 47		0.2	-	-	-	-	-	-	-	-	-	-	*	0.2	20
> 48		0.1	-	-	-	-	-	-	-	-	-	-	-	0.1	7
TOTAL %	1.1	21.2	8.6	3.5	3.0	3.2	4.4	8.5	6.7	7.0	10.2	9.7	12.8	100.0	
TOTAL N	117	2345	952	381	334	350	491	941	743	773	1123	1073	1416		11039

(* < 0.05%)

STATION: SAUF1

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

Month: FEB

WIND SPEED	CALM	WIND DIRECTION												TOT %	TOT N
		35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
0	0.6	0.1	*	*	*	*	*	*	-	-	*	*	-	0.8	78
1 - 3		0.6	0.7	0.7	0.5	0.6	0.6	0.8	1.1	0.7	0.6	0.8	0.6	8.5	853
4 - 6		1.8	1.2	1.2	1.1	0.9	1.4	2.5	2.5	3.3	3.0	1.9	2.0	22.7	2289
7 - 10		3.7	2.7	1.4	1.5	1.5	1.6	3.7	2.7	3.9	3.8	2.8	3.6	33.0	3325
11 - 15		5.8	2.6	0.6	0.8	0.6	0.8	1.8	1.2	1.4	1.6	1.2	3.2	21.5	2164
16 - 20		4.9	1.5	0.3	0.2	0.1	0.5	0.3	0.3	0.2	0.3	0.4	0.8	9.8	989
21 - 24		1.6	0.7	*	*	0.1	0.1	0.1	*	*	0.1	0.1	0.2	2.9	293
25 - 33		0.4	0.2	-	*	0.1	-	*	-	-	*	*	-	0.7	74
34 - 47		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.6	18.8	9.8	4.2	4.2	4.0	5.1	9.2	7.7	9.5	9.4	7.1	10.5	100.0	
TOTAL N	60	1891	982	422	420	399	512	931	773	960	945	716	1054		10065

(* < 0.05%)

STATION: SAUF1

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	0.7	*	*	*	*	*	*	-	*	*	-	*	-	0.8	84
1 - 3		0.6	0.5	0.6	0.4	0.7	0.8	0.6	0.8	0.7	0.6	0.4	0.4	7.1	715
4 - 6		1.2	1.1	1.3	1.6	1.5	1.5	1.7	2.8	3.3	3.0	1.8	1.3	22.0	2211
7 - 10		2.1	2.8	2.5	3.2	3.5	2.3	3.2	2.9	4.0	4.9	2.7	1.6	35.7	3585
11 - 15		3.1	2.5	0.9	0.9	1.6	2.4	2.2	1.1	2.0	2.1	1.3	1.3	21.3	2135
16 - 20		2.2	2.1	0.1	0.4	0.4	0.8	0.7	0.4	0.5	0.7	0.3	0.4	9.0	907
21 - 24		0.9	0.7	0.1	0.1	*	0.2	0.1	0.1	0.1	0.1	*	0.1	2.5	251
25 - 33		0.9	0.4	*	0.1	*	*	-	*	*	*	-	*	1.5	154
34 - 47		-	-	-	-	-	*	-	-	*	-	-	-	0.0	3
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.7	11.0	10.1	5.6	6.8	7.7	7.9	8.4	8.1	10.7	11.3	6.6	5.1	100.0	
TOTAL N	71	1106	1017	567	679	774	795	844	810	1073	1133	661	515		10045

(* < 0.05%)

STATION: SAUF1

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	0.4	*	-	*	*	-	*	*	*	*	*	*	-	0.5	58
1 - 3		0.3	0.4	0.4	0.6	0.5	0.5	0.5	1.2	1.0	0.6	0.5	0.3	6.9	729
4 - 6		0.7	1.0	1.4	1.9	1.8	1.1	1.5	2.9	4.0	3.2	1.6	1.0	22.1	2340
7 - 10		1.5	2.3	2.4	3.9	5.3	3.4	3.2	2.9	3.7	4.1	2.7	1.6	36.9	3917
11 - 15		1.6	3.0	1.3	1.3	2.9	4.8	2.3	0.9	1.7	1.5	1.0	1.2	23.4	2483
16 - 20		1.5	1.9	0.3	0.3	0.2	1.2	0.5	0.2	0.4	0.3	0.2	0.6	7.6	804
21 - 24		0.8	0.7	0.1	0.1	*	0.2	*	*	*	-	-	0.1	2.1	219
25 - 33		0.3	0.2	*	*	-	*	*	-	-	-	-	*	0.6	60
34 - 47		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.4	6.7	9.5	5.9	7.9	10.7	11.1	8.1	8.1	10.8	9.7	6.0	5.0	100.0	
TOTAL N	40	714	1004	629	843	1135	1183	864	861	1144	1029	638	526		10610

(* < 0.05%)

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

(* < 0.05%)

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

(* < 0.05%)

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

 $(^* < 0.05\%)$

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

> 48

TOTAL %	0.5	3.3	7.1	8.2	9.5	11.7	10.5	8.0	12.0	13.7	8.3	4.0	3.0	100.0	
TOTAL N	55	368	784	904	1048	1290	1154	883	1315	1511	910	437	335		10994
(* < 0.05%)															

STATION: SAUF1

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

Month: SEP

		WIND DIRECTION													TOT %	TOT N
WIND SPEED	CALM	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34			
0	0.2	0.1	*	*	-	*	*	-	*	*	*	*	*	0.4	45	
1 - 3		0.3	0.3	0.3	0.4	0.3	0.3	0.3	1.2	1.6	1.4	1.0	0.6	8.2	921	
4 - 6		0.5	0.8	1.7	2.4	2.2	1.0	0.9	3.8	4.7	3.6	2.4	1.2	25.2	2818	
7 - 10		0.8	2.2	4.2	5.9	5.6	2.8	1.8	2.5	1.4	1.2	0.9	1.2	30.5	3410	
11 - 15		1.3	3.2	4.0	4.1	3.8	3.5	1.1	0.4	0.2	0.1	0.2	0.5	22.2	2479	
16 - 20		0.9	2.0	2.0	1.6	0.8	0.9	0.3	0.1	*	-	*	*	8.6	967	
21 - 24		0.4	1.0	0.7	0.3	0.1	0.1	0.1	*	-	-	*	*	2.8	317	
25 - 33		0.5	0.7	0.2	0.1	*	0.1	0.1	-	-	-	-	*	1.7	186	
34 - 47		0.1	0.1	0.1	-	-	-	-	-	-	-	-	-	0.3	35	
> 48		*	*	-	-	-	-	-	-	-	-	-	-	0.1	7	
TOTAL %	0.2	4.9	10.3	13.2	14.9	12.9	8.6	4.6	8.0	8.0	6.3	4.5	3.6	100.0		
TOTAL N	20	551	1154	1479	1665	1443	964	509	897	894	704	503	402		11185	
(* < 0.05%)																

STATION: SAUF1

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

Month: OCT

		WIND DIRECTION													TOT %	TOT N
WIND SPEED	CALM	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34			
0	0.3	*	-	*	-	*	*	-	*	-	*	-	-	0.4	49	
1 - 3		0.2	0.2	0.2	0.3	0.2	0.2	0.2	0.6	0.6	0.6	0.7	0.6	4.7	547	
4 - 6		0.7	1.2	1.7	1.5	1.2	0.7	0.5	1.4	2.3	2.5	2.9	2.3	19.0	2229	
7 - 10		1.7	3.5	3.1	3.0	2.8	1.5	0.8	1.1	1.3	1.8	2.1	3.4	26.2	3074	
11 - 15		3.7	6.1	3.0	3.8	2.6	1.3	0.6	0.4	0.2	0.3	0.5	1.7	24.1	2829	
16 - 20		3.0	5.6	2.4	2.5	1.1	0.4	0.3	0.1	*	0.1	*	0.6	16.2	1902	
21 - 24		1.3	3.3	0.9	0.8	0.1	0.1	0.1	-	*	*	*	0.1	6.8	804	
25 - 33		1.0	1.0	0.2	0.1	0.1	0.2	*	*	-	-	-	*	2.6	304	
34 - 47		*	*	-	-	-	-	-	-	-	-	-	*	0.1	13	
> 48		*	-	-	-	-	-	-	-	-	-	-	-	0.0	2	
TOTAL %	0.3	11.8	21.1	11.6	11.9	8.1	4.4	2.5	3.5	4.4	5.3	6.2	8.7	100.0		
TOTAL N	36	1390	2475	1365	1398	956	522	298	415	514	625	731	1028		11753	
(* < 0.05%)																

STATION: SAUF1

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

Month: NOV

		WIND DIRECTION													TOT %	TOT N
WIND SPEED	CALM	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34			
0	0.8	0.1	*	*	-	*	*	*	*	*	*	-	-	1.0	112	
1 - 3		0.7	0.7	0.6	0.6	0.7	0.6	0.6	0.9	0.7	0.7	0.7	0.8	8.2	923	
4 - 6		1.3	1.5	1.7	1.8	1.5	1.1	1.2	1.8	2.5	2.8	3.1	3.4	23.7	2657	
7 - 10		2.8	3.8	2.2	2.1	2.1	2.0	1.9	2.0	1.5	2.5	3.8	5.4	32.1	3604	
11 - 15		4.5	3.5	1.5	1.6	1.0	1.4	1.3	0.7	0.3	0.4	0.7	2.8	19.8	2216	
16 - 20		2.7	2.9	1.1	0.8	0.3	0.5	0.2	0.1	*	0.1	0.1	0.6	9.5	1063	
21 - 24		1.5	1.2	0.2	0.2	*	*	*	-	*	*	-	0.1	3.3	373	
25 - 33		1.3	0.8	*	*	*	-	*	-	-	-	-	0.1	2.2	251	
34 - 47		0.1	*	-	*	-	-	-	-	-	-	-	-	0.2	18	
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0	
TOTAL %	0.8	15.0	14.4	7.4	7.1	5.8	5.6	5.1	5.5	5.1	6.4	8.4	13.2	100.0		
TOTAL N	85	1681	1615	831	800	649	632	577	620	577	723	943	1484		11217	
(* < 0.05%)																

STATION: SAUF1

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

Month: DEC

		WIND DIRECTION													TOT %	TOT N
WIND SPEED	CALM	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34			
0	0.9	0.1	*	*	*	*	*	*	*	*	*	*	*	1.2	140	
1 - 3		0.7	0.7	0.5	0.5	0.5	0.6	0.8	0.9	0.9	1.0	0.8	1.0	9.0	1056	
4 - 6		2.3	1.4	1.0	0.8	0.9	1.1	2.1	2.1	2.7	3.1	3.4	3.5	24.4	2868	
7 - 10		4.3	2.5	1.1	0.9	1.3	1.5	2.4	1.9	2.4	3.4	4.9	6.0	32.8	3850	
11 - 15		5.4	2.2	0.5	0.7	0.4	0.7	0.8	0.7	0.5	0.9	1.7	3.8	18.4	2156	
16 - 20		5.5	2.1	0.1	0.2	0.1	0.2	0.3	0.1	*	0.1	0.2	1.0	9.9	1160	

21 - 24	1.9	0.8	*	*	-	*	*	*	-	*	*	0.2	3.1	359
25 - 33	0.8	0.4	*	-	-	-	-	-	-	-	-	0.1	1.3	154
34 - 47	*	-	-	-	-	-	-	-	-	-	-	-	0.0	3
> 48	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.9	21.0	10.0	3.3	3.2	3.2	4.2	6.4	5.8	6.6	8.6	11.2	15.7	100.0
TOTAL N	106	2472	1179	388	372	380	488	751	678	771	1007	1311	1843	11746
(* < 0.05%)														

STATION: SAUF1

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	0.6	0.1	*	*	*	*	*	*	*	*	*	*	*	0.8	1055
1 - 3		0.5	0.5	0.5	0.5	0.5	0.5	0.7	1.2	1.2	1.0	0.7	0.7	8.3	10845
4 - 6		1.1	1.1	1.4	1.6	1.5	1.2	1.8	3.6	4.3	3.2	2.2	1.8	24.7	32101
7 - 10		2.0	2.4	2.4	3.2	3.7	2.6	2.6	2.7	3.2	3.1	2.3	2.6	33.0	42901
11 - 15		2.7	2.8	1.7	2.0	2.4	2.8	1.6	0.7	0.9	0.9	0.8	1.5	20.9	27199
16 - 20		2.3	2.0	0.8	0.7	0.4	0.8	0.4	0.1	0.1	0.2	0.1	0.4	8.5	11019
21 - 24		0.9	0.9	0.2	0.2	*	0.1	0.1	*	*	*	*	0.1	2.5	3307
25 - 33		0.6	0.4	0.1	*	*	*	*	*	*	*	*	*	1.2	1509
34 - 47		*	*	*	*	-	*	-	-	*	-	-	*	0.1	96
> 48		*	*	-	-	-	-	-	-	-	-	-	-	0.0	16
TOTAL %	0.6	10.2	10.1	7.1	8.1	8.7	8.1	7.2	8.4	9.8	8.4	6.2	7.1	100.0	
TOTAL N	759	13251	13078	9206	10595	11280	10506	9395	10961	12768	10955	8050	9244		130048
(* < 0.05%)															

STATION: SAUF1

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	0.9	0.1	*	*	*	*	*	*	*	*	*	*	*	1.1	363
1 - 3		0.8	0.7	0.6	0.6	0.6	0.7	0.9	0.9	0.8	0.9	0.8	0.8	9.1	2995
4 - 6		2.3	1.4	1.1	0.9	0.8	1.3	2.3	2.2	2.9	3.1	2.8	2.9	24.0	7900
7 - 10		4.3	2.5	1.2	1.1	1.3	1.4	3.0	2.2	2.9	3.7	4.0	5.0	32.6	10698
11 - 15		5.3	2.2	0.4	0.6	0.5	0.8	1.4	1.1	0.9	1.3	1.5	3.3	19.3	6350
16 - 20		5.0	1.6	0.2	0.2	0.1	0.3	0.4	0.2	0.1	0.3	0.3	0.9	9.6	3156
21 - 24		1.9	0.6	*	*	*	*	*	*	*	*	*	0.2	3.0	970
25 - 33		0.8	0.3	*	*	*	-	*	-	-	*	*	0.1	1.2	388
34 - 47		0.1	-	-	-	-	-	-	-	-	-	-	*	0.1	23
> 48		*	-	-	-	-	-	-	-	-	-	-	-	0.0	7
TOTAL %	0.9	20.4	9.5	3.6	3.4	3.4	4.5	8.0	6.7	7.6	9.4	9.4	13.1	100.0	
TOTAL N	283	6708	3113	1191	1126	1129	1491	2623	2194	2504	3075	3100	4313		32850
(* < 0.05%)															

STATION: SAUF1

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

Months: MAR, APR, MAY (Spring)

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	0.5	*	*	*	*	*	*	*	*	*	*	*	-	0.7	209
1 - 3		0.4	0.4	0.4	0.5	0.5	0.5	0.6	1.1	0.9	0.7	0.5	0.4	6.8	2151
4 - 6		0.7	0.9	1.3	1.7	1.7	1.3	1.5	3.1	4.0	3.0	1.5	1.0	21.8	6902
7 - 10		1.4	2.5	2.9	4.2	4.9	3.2	2.9	3.0	4.0	4.2	2.3	1.4	36.7	11601
11 - 15		1.8	2.9	1.6	1.7	3.2	4.1	2.2	0.8	1.6	1.4	0.9	1.0	23.3	7381
16 - 20		1.5	1.8	0.4	0.4	0.5	1.3	0.6	0.2	0.4	0.3	0.2	0.4	8.0	2522
21 - 24		0.6	0.7	0.1	0.1	*	0.2	0.1	*	0.1	*	*	0.1	1.9	607
25 - 33		0.4	0.3	*	*	*	*	*	*	*	*	-	*	0.8	265
34 - 47		-	-	-	-	-	-	-	-	*	-	-	-	0.0	3
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.5	6.9	9.5	6.9	8.6	10.9	10.6	7.8	8.3	10.9	9.7	5.4	4.2	100.0	
TOTAL N	156	2189	2993	2168	2721	3456	3345	2468	2622	3448	3062	1696	1317		31641
(* < 0.05%)															

STATION: SAUF1

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

Months: JUN, JUL, AUG (Summer)

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	0.6	0.1	*	*	*	*	*	*	*	0.1	*	*	*	0.9	277
1 - 3		0.4	0.3	0.4	0.5	0.5	0.5	1.0	1.9	2.2	1.4	0.9	0.7	10.5	3308
4 - 6		0.5	0.9	1.2	1.8	1.8	1.4	2.4	6.8	7.4	4.0	1.5	0.9	30.6	9595
7 - 10		0.6	1.5	2.6	3.8	5.4	3.6	3.3	4.0	4.9	2.7	0.8	0.4	33.5	10514

11 - 15	0.4	1.7	2.0	2.4	3.6	4.5	2.0	0.6	0.9	0.6	0.2	0.1	18.9	5944
16 - 20	0.2	0.8	0.6	0.6	0.3	1.1	0.6	0.1	0.1	*	*	0.1	4.5	1409
21 - 24	0.1	0.2	0.1	0.1	*	0.1	0.1	*	-	*	*	*	0.8	236
25 - 33	*	0.1	*	*	*	0.1	*	*	-	*	-	*	0.4	115
34 - 47	-	-	*	-	-	*	-	-	-	-	-	*	0.0	4
> 48	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.6	2.3	5.5	6.9	9.2	11.6	11.3	9.3	13.4	15.4	8.8	3.4	2.2	100.0
TOTAL N	179	732	1728	2172	2885	3647	3552	2920	4213	4831	2766	1077	700	31402

(* < 0.05%)

STATION: SAUF1

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	0.4	0.1	*	*	-	*	*	*	*	*	*	*	*	0.6	206
1 - 3		0.4	0.4	0.4	0.4	0.4	0.3	0.4	0.9	0.9	0.9	0.9	0.8	0.7	2391
4 - 6		0.8	1.2	1.7	1.9	1.6	0.9	0.9	2.3	3.2	2.9	2.8	2.3	22.6	7704
7 - 10		1.8	3.2	3.2	3.7	3.5	2.1	1.4	1.8	1.4	1.9	2.3	3.3	29.5	10088
11 - 15		3.2	4.3	2.8	3.2	2.5	2.1	1.0	0.5	0.2	0.3	0.5	1.7	22.0	7524
16 - 20		2.2	3.5	1.9	1.6	0.7	0.6	0.3	0.1	*	*	0.1	0.4	11.5	3932
21 - 24		1.1	1.9	0.6	0.4	0.1	0.1	0.1	*	*	*	*	0.1	4.4	1494
25 - 33		0.9	0.8	0.2	0.1	*	0.1	*	*	-	-	-	*	2.2	741
34 - 47		0.1	0.1	*	*	-	-	-	-	-	-	-	*	0.2	66
> 48		*	*	-	-	-	-	-	-	-	-	-	-	0.0	9
TOTAL %	0.4	10.6	15.4	10.8	11.3	8.9	6.2	4.1	5.7	5.8	6.0	6.4	8.5	100.0	
TOTAL N	141	3622	5244	3675	3863	3048	2118	1384	1932	1985	2052	2177	2914		34155

(* < 0.05%)

Summary complete: 08-Sep-2003 23:10:50