

STATION: KTNF1

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

ELEMENT: AIR TEMPERATURE (DEGREES C) -- POR: (5/1995 - 12/2001) (57633 RECORDS, 99.0% 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	
35	-	-	-	-	-	-	-	-	-	-	1	#	-	-	-	-	-	-	-	-	-	-	-	-	1	#	
34	-	-	-	-	-	-	-	-	-	-	1	999	-	-	1	#	-	-	-	-	-	-	-	-	2	999	
33	-	-	-	-	-	-	-	-	-	-	3	999	7	#	10	999	2	#	-	-	-	-	-	-	22	999	
32	-	-	-	-	-	-	-	-	1	#	13	999	18	999	49	998	17	999	-	-	-	-	-	-	98	999	
31	-	-	-	-	-	-	-	-	4	999	29	996	129	995	208	989	40	996	2	#	-	-	-	-	412	998	
30	-	-	-	-	-	-	-	-	11	999	108	991	713	971	805	949	134	988	22	999	-	-	-	-	1793	991	
29	-	-	-	-	-	-	-	-	29	997	293	969	1377	835	973	797	423	961	56	995	-	-	-	-	3151	960	
28	-	-	-	-	-	-	-	-	193	991	1118	910	995	573	739	613	657	877	141	985	6	#	-	-	3849	905	
27	-	-	-	-	2	#	3	#	528	950	993	685	396	384	439	473	596	746	256	957	10	999	-	-	3223	838	
26	-	-	-	-	6	999	14	999	748	840	547	486	380	309	419	390	456	627	347	908	16	997	1	#	2934	782	
25	2	#	1	#	7	998	76	996	695	684	385	376	393	237	484	310	485	536	404	841	35	994	9	999	2976	731	
24	9	999	6	999	26	997	227	978	600	540	343	299	424	162	535	219	630	439	465	763	195	986	13	998	3473	680	
23	24	998	16	998	77	991	417	925	499	415	404	230	294	81	419	117	631	313	482	673	274	947	80	995	3617	619	
22	40	992	38	994	189	973	607	828	420	311	336	149	106	25	167	38	395	187	470	580	297	892	163	980	3228	557	
21	60	983	102	985	356	930	519	686	297	223	175	81	24	5	21	6	197	108	422	489	293	832	149	948	2615	501	
20	102	969	231	960	448	849	448	565	228	161	104	46	4	1	7	2	124	69	375	407	402	773	221	918	2694	455	
19	187	946	301	902	413	747	387	460	160	114	87	25	-	-	5	1	78	44	374	335	449	692	368	875	2809	409	
18	219	904	360	828	437	653	330	370	127	80	26	8	-	-	-	-	49	28	301	262	419	601	352	802	2620	360	
17	368	854	351	738	441	554	266	293	93	54	8	2	-	-	-	-	41	18	243	204	309	516	373	732	2493	314	
16	365	770	300	651	330	454	227	231	67	34	4	1	-	-	-	-	19	10	205	157	314	454	313	659	2144	271	
15	322	687	322	577	237	379	194	178	37	20	-	-	-	-	-	-	16	6	136	118	319	391	347	597	1930	234	
14	329	614	333	497	218	325	143	133	20	13	-	-	-	-	-	-	13	3	116	91	282	326	291	529	1745	200	
13	242	539	295	414	196	275	105	99	14	9	-	-	-	-	-	-	3	1	93	69	253	269	260	471	1461	170	
12	247	484	270	341	184	231	104	75	18	6	-	-	-	-	-	-	-	-	80	51	198	218	244	420	1345	145	
11	199	428	222	274	174	189	94	50	7	2	-	-	-	-	-	-	-	-	57	36	217	178	231	372	1201	121	
10	224	383	180	219	135	149	43	28	2	*	-	-	-	-	-	-	-	-	51	25	185	134	227	326	1047	101	
9	223	332	159	175	145	118	35	18	-	-	-	-	-	-	-	-	-	-	30	15	143	97	221	282	956	82	
8	224	282	118	135	94	86	21	10	-	-	-	-	-	-	-	-	-	-	16	9	104	68	245	238	822	66	
7	223	231	93	106	87	64	15	5	-	-	-	-	-	-	-	-	-	-	14	6	75	47	221	190	728	52	
6	144	180	72	83	57	44	5	2	-	-	-	-	-	-	-	-	-	-	8	3	56	32	171	146	513	39	
5	133	147	62	65	42	31	3	1	-	-	-	-	-	-	-	-	-	-	3	2	32	21	148	112	423	30	
4	127	117	51	50	28	22	-	-	-	-	-	-	-	-	-	-	-	-	3	1	45	14	115	83	369	23	
3	83	88	41	37	14	15	-	-	-	-	-	-	-	-	-	-	-	-	2	*	15	5	94	60	249	16	
2	88	69	30	27	20	12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	2	59	42	203	12	
1	68	49	26	19	16	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	1	48	30	160	8	
0	56	34	16	13	9	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	1	38	21	121	6	
-1	46	21	13	9	6	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	*	29	13	95	4	
-2	24	11	4	6	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	18	7	49	2
-3	14	5	5	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13	4	32	1
-4	8	2	4	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	1	18	1
-5	1	*	3	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	*	5	*
-6	-	-	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	*
-7	-	-	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	*
-8	-	-	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	*
MEAN	11.8		13.8		15.8		19.0		23.5		25.7		27.4		27.0		25.0		21.0		16.5		13.1		20.3		
S.D.	5.6		4.9		4.8		3.8		3.2		2.7		2.3		2.6		3.1		4.5		4.9		5.8		6.9		
TOTAL	4401		4032		4397		4283		4798		4978		5260		5281		5006		5174		4954		5069		57633		
MAX	25.2		24.6		27.3		26.6		31.7		34.5		32.8		33.9		32.7		30.7		28.2		25.6		34.5		
DATE	1998010518	1997022017	1997031221	2001042920	1998051919	1996062522	1998070616	1995081516	1998090521	1997100921	2001110320	2001121620	1996062522														
MIN	-4.5		-8.0		-2.2		5.0		10.4		15.9		19.9		18.5		13.0		3.3		-0.6		-4.6		-8.0		
DATE	1999010610	1996020512	1996030914	2000040911	1996050111	1997060708	2001071611	1997082311	2001093012	2001102812	2000112211	2000122013	1996020512														
(* < 0.05%, # = 100.0%)																											

(* < 0.05% , # = 100.0%)

STATION: KTNF1

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

ELEMENT: DEW POINT TEMPERATURE (DEGREES C) -- POR: (11/1998 - 12/2001) (27316 RECORDS, 46.9% 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
28	-	-	-	-	-	-	-	-	-	-	-	-	1	#	1	#	-	-	-	-	-	-	-	-	2	#
27	-	-	-	-	-	-	-	-	-	-	-	-	50	999	28	999	-	-	-	-	-	-	-	-	78	999
26	-	-	-	-	-	-	-	-	-	-	-	-	129	977	62	987	12	#	-	-	-	-	-	-	203	997
25	-	-	-	-	-	-	-	-	1	#	40	#	279	919	212	959	52	994	3	#	-	-	-	-	587	990
24	-	-	-	-	-	-	-	-	70	999	273	981	384	793	555	864	186	970	40	999	-	-	-	-	1508	968
23	-	-	-	-	-	-	30	#	137	967	461	854	510	620	619	614	371	884	42	981	1	#	-	-	2171	913
22	-	-	-	-	14	#	89	986	243	904	518	640	480	391	440	336	483	711	97	962	23	999	-	-	2387	833
21	-	-	-	-	40	994	138	944	247	791	364	399	248	174	168	138	231	487	149	918	71	991	66	#	1722	746
20	4	#	26	#	57	975	209	879	208	677	187	229	62	63	85	62	148	380	188	851	157	965	149	978	1480	683

19	6	998	104	987	73	949	229	781	233	581	102	142	27	35	34	24	120	311	190	766	210	907	169	927	1497	629
18	21	995	127	935	105	916	225	674	196	473	84	95	29	23	14	9	135	255	174	681	217	829	153	870	1480	574
17	125	986	111	871	174	868	149	568	181	383	54	56	11	9	3	2	86	192	161	603	235	748	152	818	1442	520
16	119	930	138	816	179	788	93	499	202	299	26	31	6	5	2	1	85	152	178	530	191	661	125	767	1344	467
15	160	876	191	747	139	707	129	455	131	205	26	19	4	2	-	-	60	113	171	450	209	590	141	724	1361	418
14	148	804	141	651	149	643	99	394	98	145	7	7	-	-	-	-	56	85	123	373	159	513	174	677	1154	368
13	149	737	138	581	160	575	75	348	64	99	4	3	-	-	-	-	43	59	104	318	160	454	132	618	1029	326
12	131	670	109	512	103	502	107	313	29	70	3	1	-	-	-	-	25	39	66	271	135	395	138	573	846	288
11	105	611	77	457	138	455	97	263	29	56	-	-	-	-	-	-	13	27	62	241	132	345	98	526	751	257
10	86	564	82	418	133	392	70	217	24	43	-	-	-	-	-	-	7	21	52	213	114	296	92	493	660	230
9	96	525	91	377	122	331	50	184	33	32	-	-	-	-	-	-	24	18	68	190	109	254	97	462	690	206
8	93	482	79	332	96	275	55	161	19	17	-	-	-	-	-	-	12	7	63	159	70	213	111	429	598	180
7	98	440	78	292	84	231	52	135	8	8	-	-	-	-	-	-	3	1	29	131	75	187	94	391	521	158
6	67	396	72	253	72	193	42	111	2	4	-	-	-	-	-	-	-	-	26	118	81	159	78	360	440	139
5	55	365	63	217	52	160	39	91	1	3	-	-	-	-	-	-	-	-	35	106	58	129	95	333	398	123
4	46	341	43	186	48	136	24	73	2	3	-	-	-	-	-	-	-	-	37	90	55	108	83	301	338	109
3	61	320	52	164	49	114	23	61	4	2	-	-	-	-	-	-	-	-	30	74	45	87	99	273	363	96
2	59	292	47	138	38	92	14	51	-	-	-	-	-	-	-	-	-	-	30	60	41	71	79	239	308	83
1	51	266	28	115	37	74	28	44	-	-	-	-	-	-	-	-	-	-	29	47	25	56	75	213	273	72
0	53	243	42	101	27	58	19	31	-	-	-	-	-	-	-	-	-	-	12	34	37	46	103	187	293	62
-1	60	219	38	80	25	45	13	22	-	-	-	-	-	-	-	-	-	-	16	28	28	33	74	152	254	51
-2	49	192	33	61	31	34	17	16	-	-	-	-	-	-	-	-	-	-	25	21	17	22	84	127	256	42
-3	52	170	20	44	23	20	4	8	-	-	-	-	-	-	-	-	-	-	9	10	7	16	77	99	192	32
-4	39	146	19	34	10	9	6	6	-	-	-	-	-	-	-	-	-	-	8	6	6	13	58	73	146	25
-5	52	129	15	25	4	5	6	3	-	-	-	-	-	-	-	-	-	-	3	2	10	11	47	53	137	20
-6	57	105	14	17	6	3	1	*	-	-	-	-	-	-	-	-	-	-	2	1	13	7	25	37	118	15
-7	79	80	9	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	3	31	29	123	11
-8	37	44	10	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	19	18	67	6
-9	34	27	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	20	12	56	4
-10	15	12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	*	9	5	25	2
-11	7	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	2	13	1
-12	4	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	*
-13	1	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	*
MEAN		7.0		10.5		11.4		14.6		18.2		21.5		22.9		22.9		20.3		14.7		12.8		9.2		15.3
S.D.		7.9		6.5		5.8		5.9		3.7		2.1		1.8		1.5		3.5		6.1		6.0		8.0		7.6
TOTAL		2219		1998		2188		2132		2162		2149		2220		2223		2152		2222		2698		2953		27316
MAX		19.5		20.4		22.1		23.2		24.5		25.1		27.6		27.7		26.2		24.6		22.5		21.4		27.7
DATE	1999012317	2001022605	2001030322	2001041505	2000052819	2001061203	2000072020	1999080122	2000092314	2001102423	2000110923	2001121501	1999080122													
MIN	-12.8	-8.7	-5.8	-6.2	2.5	12.3	14.8	16.0	6.6	-6.3	-9.7	-11.1	-12.8													
DATE	1999010517	1999022222	2001032717	2000040919	1999050301	2000060711	2000070319	1999080419	2001093022	2001102720	2000112217	2000122008	1999010517													
(* < 0.05% , # = 100.0%)																										

STATION: KTNF1

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

ELEMENT: AIR - DEW POINT TEMPERATURE (DEGREES C) -- POR: (11/1998 - 12/2001) (27314 RECORDS, 46.9% 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
28	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	#	-	-	-	-	-	-	1	#
27	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	999	-	-	-	-	-	-	3	999
26	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	998	-	-	-	-	-	-	1	999
25	-	-	-	-	-	-	1	#	-	-	-	-	-	-	-	-	-	-	-	-	-	2	#	3	999	
24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	998	-	-	-	-	-	1	999	
23	-	-	-	-	1	#	1	999	-	-	-	-	-	-	-	-	1	997	-	-	1	999	4	999		
22	-	-	-	-	1	999	-	-	-	-	-	-	-	-	-	-	1	997	1	#	1	999	4	999		
21	2	#	3	#	4	999	4	999	-	-	-	-	-	-	-	-	4	996	3	999	1	999	21	999		
20	4	999	4	998	4	997	2	997	2	#	-	-	-	-	-	-	5	995	6	999	2	998	29	999		
19	3	997	8	996	6	995	5	996	3	999	-	-	-	-	-	-	7	992	11	996	8	998	51	998		
18	5	996	4	992	5	993	9	994	6	998	-	-	-	-	-	-	16	989	11	992	6	995	62	996		
17	9	994	7	990	14	990	19	990	8	995	-	-	-	-	-	4	#	28	982	21	988	17	993	127	993	
16	21	990	8	987	14	984	19	981	9	991	1	#	3	#	1	#	6	998	32	969	14	980	12	987	140	989
15	20	980	9	983	21	978	30	972	12	987	3	999	2	999	2	999	7	995	26	955	22	975	13	983	167	984
14	20	971	15	978	31	968	23	958	17	981	6	998	7	998	1	999	13	992	32	943	20	967	16	979	201	978
13	28	962	22	971	26	954	30	947	15	974	7	995	5	995	14	998	13	986	33	929	29	960	34	973	256	970
12	38	950	22	960	51	942	34	933	27	967	12	992	8	992	10	992	26	980	60	914	41	949	49	962	378	961
11	49	932	36	949	45	919	44	917	36	954	16	987	8	989	13	987	35	968	54	887	54	934	51	945	441	947
10	54	910	42	931	56	898	51	896	39	938	20	979	17	985	30	982	44	952	67	863	63	914	100	928	583	931
9	75	886	40	910	70	872	63	872	53	920	35	970	30	977	48	968	53	931	87	833	63	890	120	894	737	909
8	99	852	65	890	81	840	96	843	90	895	62	953	58	964	90	946	72	907	108	793	106	867	143	853	1070	882
7	107	808	77	857	108	803	109	798	128	853	103	925	146	938	186	906	100	873	127	745	145	828	187	805	1523	843
6	139	759	146	819	161	754	128	747	192	794	218	877	304	872	315	822	206	827	174	688	178	774	198	742	2359	788
5	179	697	159	746	194	681	144	687	326	705	374	775	370	735	420	681	291	731	221	609	257	708	235	674	3170	701
4	190	616	203	666	232	592	214	619	465	555	420	601	421	568	290	492	260	596	243	510	326	613	256	595	3520	585
3	230	530	256	565	258	486	384	519	408	340	325	406	292	379	221	361	272	475	298	401	362	492	319	508	3625	456
2	327	427	315	436	342	368	398	339	220	151	268	255	281	247	305	262	293	348	291	266	435	358	367	400	3842	324
1	342	279	331	279	290	212	237	152	103	49	253	130	240	121	251	125	425	212	264	135	441	196	524	276	3701	183
0	278	125	226	113	173	79	87	41	3	1	26	12	28	13	26	12	31	14	37	17	89	33	290	98	1294	47
MEAN		4.3		3.9		4.6		4.8		4.9		4.1		4.2		4.4		4.2		5.6		4.5		4.4		4.5
S.D.		4.0		3.7		4.0		4.0		3.0		2.3		2.3		2.5		3.0		4.4		3.8		3.8		3.5

TOTAL	2219	1998	2188	2132	2162	2149	2220	2223	2151	2222	2698	2952	27314
MAX	20.8	21.2	22.5	24.5	20.4	16.4	16.4	16.1	17.3	28.0	21.6	25.2	28.0
DATE	2000012122	2000022021	1999030721	2000040919	2001052323	2001062422	2000070321	1999080419	1999091716	2001102621	2001110621	1999120218	2001102621
MIN	0.0	0.0	0.0	0.0	0.4	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0
DATE	2001013123	2001022708	2001033114	2001042610	2001050611	2001063010	2001072103	2000082113	2000092314	2000101914	2000110314	2000121702	2001063010

(* < 0.05% , # = 100.0%)

STATION: KTNF1

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

ELEMENT: SEA LEVEL PRESSURE (MILLIBARS) -- POR: (5/1995 - 12/2001) (57644 RECORDS, 99.0% 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	-	-	1	#	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	#
1039	3	#	5	999	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8	999
1038	13	999	7	999	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20	999
1037	5	996	3	997	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8	999
1036	5	995	2	996	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	999
1035	24	994	15	996	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	39	999
1034	27	989	10	992	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10	#	-	-	47	999
1033	19	983	4	989	11	#	-	-	-	-	-	-	-	-	-	-	-	-	2	#	12	998	6	#	54	998
1032	23	978	20	988	20	997	-	-	-	-	-	-	-	-	-	-	-	-	5	999	14	996	14	999	96	997
1031	34	973	24	983	30	993	-	-	-	-	-	-	-	-	-	-	-	-	14	999	25	993	30	996	157	995
1030	43	965	35	977	41	986	5	#	-	-	-	-	-	-	-	-	-	-	8	996	54	988	40	990	226	992
1029	66	956	85	969	41	977	5	999	-	-	-	-	-	-	-	-	-	-	18	994	51	977	63	982	329	988
1028	117	941	89	948	38	967	20	998	-	-	-	-	-	-	-	-	-	-	14	991	78	966	62	970	418	983
1027	185	914	131	926	58	959	27	993	-	-	-	-	-	-	-	-	-	-	48	988	103	951	122	958	674	976
1026	235	872	137	893	69	946	43	987	-	-	-	-	-	-	-	-	-	-	67	979	127	930	201	934	879	964
1025	240	819	186	859	107	930	65	977	17	#	6	#	-	-	-	-	-	-	138	966	214	904	244	894	1217	949
1024	273	764	227	813	103	906	108	961	27	996	12	999	15	#	-	-	-	-	161	939	303	861	329	846	1558	927
1023	299	702	320	757	134	882	158	936	105	991	42	996	48	997	9	#	-	-	219	908	366	800	392	781	2092	900
1022	352	634	275	677	228	852	238	899	164	969	120	988	115	988	43	998	-	-	290	866	369	726	413	704	2607	864
1021	372	554	305	609	334	800	316	844	216	935	162	964	264	966	202	990	5	#	343	810	381	652	425	623	3325	819
1020	286	470	315	534	365	724	340	770	275	890	308	931	326	916	310	952	41	999	421	743	406	575	483	539	3876	761
1019	232	405	283	455	348	641	375	691	409	832	441	869	485	854	446	893	149	991	480	662	384	493	436	444	4468	694
1018	286	352	295	385	350	562	352	603	500	747	588	781	617	762	622	809	273	961	518	569	347	415	382	358	5130	617
1017	222	288	274	312	334	482	383	521	581	643	684	663	673	644	712	691	498	907	566	469	308	345	288	283	5523	528
1016	184	237	227	244	285	406	336	431	550	522	663	525	731	516	596	556	587	807	446	360	275	283	244	226	5124	432
1015	179	195	169	188	272	342	335	353	555	407	618	392	595	377	579	443	746	690	384	273	282	227	222	178	4936	343
1014	173	155	109	146	203	280	284	275	456	292	412	268	452	264	495	334	730	541	302	199	223	170	193	134	4032	257
1013	107	116	68	119	202	234	260	208	299	197	315	185	289	178	448	240	570	395	232	141	216	125	116	96	3122	187
1012	102	91	50	102	174	188	197	148	240	134	202	122	258	123	413	155	414	281	161	96	141	82	99	73	2451	133
1011	86	68	56	90	165	148	147	102	133	84	109	82	195	74	173	77	373	198	89	65	64	53	86	54	1676	91
1010	48	49	69	76	133	111	81	67	82	56	83	60	128	37	99	44	238	124	66	48	64	40	53	37	1144	61
1009	41	38	77	59	111	80	57	48	85	39	61	43	54	13	48	25	115	76	39	35	43	27	40	26	771	42
1008	31	28	50	40	72	55	56	35	48	22	80	31	10	3	32	16	95	53	40	27	20	19	35	18	569	28
1007	28	21	15	27	62	39	39	22	28	12	43	15	4	1	14	10	80	34	24	20	14	15	22	11	373	18
1006	22	15	5	24	44	25	29	13	12	6	8	6	-	-	21	8	43	18	13	15	15	12	18	7	230	12
1005	20	10	20	22	25	15	9	6	16	3	4	4	-	-	14	4	15	10	15	12	18	9	11	4	167	8
1004	20	5	10	17	14	9	1	4	-	-	3	4	-	-	5	1	8	7	5	9	5	5	3	1	74	5
1003	4	1	7	15	13	6	2	4	-	-	1	3	-	-	-	-	8	5	10	9	8	4	4	1	57	4
1002	-	-	7	13	7	3	1	3	-	-	3	3	-	-	-	-	8	4	6	7	13	3	-	-	45	3
1001	-	-	4	11	6	1	4	3	-	-	2	2	-	-	-	-	3	2	3	5	-	-	-	-	22	2
1000	-	-	7	10	-	-	7	2	-	-	3	2	-	-	-	-	3	1	5	5	-	-	-	-	25	2
999	-	-	6	9	-	-	1	*	-	-	3	1	-	-	-	-	3	1	5	4	-	-	-	-	18	1
998	-	-	3	7	-	-	1	*	-	-	1	1	-	-	-	-	1	*	6	3	-	-	-	-	12	1
997	-	-	6	6	-	-	-	-	-	-	2	*	-	-	-	-	-	-	1	2	-	-	-	-	9	1
996	-	-	5	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	2	-	-	-	-	6	*
995	-	-	2	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	3	*
994	-	-	2	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	1	-	-	-	-	4	*
993	-	-	11	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	12	*
992	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	1	*
991	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	*
990	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	*	-	-	-	-	1	*
989	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	*	-	-	-	-	1	*
MEAN	1020.4		1019.6		1017.4		1017.0		1016.2		1016.0		1016.2		1015.7		1013.8		1017.7		1019.3		1019.8		1017.4	
S.D.	5.8		6.0		5.5		4.5		3.5		3.3		3.0		3.1		3.0		4.5		5.1		4.8		4.8	
TOTAL	4406		4033		4399		4282		4798		4979		5259		5281		5006		5172		4953		5076		57644	
MAX	1039.1		1039.5		1032.8		1030.0		1025.4		1025.4		1024.0		1023.0		1020.8		1032.6		1034.1		1033.1		1039.5	
DATE	2000011515		1996020516		1996030915		2001042117		1997050514		2001062715		1996072817		2001080716		1996092716		2001102914		1996111315		1999120115		1996020516	
MIN	1003.0		992.5		1000.5		998.3		1004.6		997.4		1007.0		1003.9		998.3		989.2		1001.8		1003.0		989.2	
DATE	1996010208		1998020321		2000032723		1997042310		1998051101		1995060515		2000071522		1995082509		1998090310		1996100802		1997111400		1997122711		1996100802	

(* < 0.05% , # = 100.0%)

ST

ELEMENT: AVERAGE WIND SPEED (KNOTS) -- POR: (5/1995 - 12/2001) (57183 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	
39	-	-	-	-	-	-	-	-	-	-	1	#	-	-	-	-	1	#	-	-	-	-	-	-	2	#	
38	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999	
37	-	-	1	#	-	-	-	-	-	-	2	999	-	-	-	-	-	-	-	-	-	-	-	-	3	999	
36	-	-	-	-	-	-	-	-	-	-	1	999	-	-	-	-	2	999	-	-	-	-	-	-	3	999	
35	-	-	2	999	-	-	1	#	-	-	1	999	2	#	-	-	-	-	-	-	-	-	-	-	6	999	
34	-	-	-	-	1	#	1	999	-	-	2	999	1	999	-	-	3	999	-	-	-	-	-	-	8	999	
33	-	-	1	999	-	-	-	-	-	-	3	999	-	-	-	-	2	999	-	-	-	-	-	-	6	999	
32	-	-	2	999	1	999	-	-	-	-	3	998	1	999	-	-	1	998	-	-	-	-	-	-	8	999	
31	-	-	2	999	3	999	-	-	-	-	1	997	-	-	-	-	-	-	-	-	-	-	1	#	7	999	
30	1	#	3	998	5	999	1	999	-	-	-	-	-	-	-	-	1	998	1	#	-	-	-	-	12	999	
29	2	999	6	997	8	998	1	999	1	#	2	997	-	-	-	-	2	998	4	999	-	-	2	999	28	999	
28	3	999	-	-	7	996	2	999	3	999	-	-	3	999	-	-	1	998	2	999	-	-	-	-	21	999	
27	3	999	6	996	4	994	5	999	1	999	3	997	1	999	-	-	-	-	3	999	-	-	2	999	28	998	
26	8	998	4	994	14	993	9	997	1	999	7	996	2	998	2	#	8	997	1	998	2	#	9	999	67	998	
25	4	996	10	993	13	990	14	995	6	999	7	995	4	998	2	999	4	996	3	998	2	999	9	997	78	997	
24	7	995	7	991	24	987	13	992	12	997	4	993	7	997	5	999	3	995	3	997	-	-	5	995	90	995	
23	16	994	13	989	26	982	25	989	13	995	14	993	5	996	3	998	6	994	1	996	8	999	10	994	140	994	
22	27	990	17	986	50	976	37	983	16	992	10	990	19	995	5	998	10	993	4	996	4	998	16	993	215	991	
21	28	984	22	982	43	965	39	975	15	989	22	988	21	991	6	997	7	991	4	995	12	997	24	989	243	987	
20	23	978	22	976	64	955	43	965	25	986	30	983	14	987	17	996	17	990	7	995	17	994	25	985	304	983	
19	47	972	56	971	85	940	93	955	65	981	69	977	50	985	15	992	19	986	8	993	16	991	35	980	558	978	
18	57	962	39	957	73	921	117	934	80	967	80	963	73	975	29	990	17	982	24	992	36	988	45	973	670	968	
17	42	949	62	947	82	904	95	906	94	950	66	947	110	961	44	984	27	979	21	987	19	980	41	964	703	956	
16	96	939	69	932	111	886	129	884	108	931	129	934	110	940	50	976	43	973	39	982	41	977	44	956	969	944	
15	82	917	103	915	122	860	132	854	160	908	133	908	147	920	60	966	61	964	68	974	65	968	70	947	1203	927	
14	93	899	113	889	135	833	108	823	186	875	146	882	161	892	108	955	85	952	82	960	79	955	84	933	1380	906	
13	151	878	159	861	195	802	161	798	228	836	232	852	237	861	149	934	107	935	110	943	119	939	127	917	1975	882	
12	235	843	226	822	304	758	274	760	292	789	314	806	317	816	244	906	201	913	176	920	207	915	196	892	2986	847	
11	243	790	233	766	285	689	262	696	309	728	289	743	288	756	282	860	245	871	223	884	211	873	212	853	3082	795	
10	248	735	249	708	290	624	285	635	350	663	350	684	359	701	294	807	274	821	287	838	228	831	274	811	3488	741	
9	280	679	293	646	300	558	304	569	409	590	393	614	375	633	456	751	358	765	387	778	386	785	347	757	4288	680	
8	358	615	325	573	323	490	357	498	448	505	451	535	492	561	497	665	502	692	478	698	492	707	415	689	5138	605	
7	328	534	352	493	316	416	299	414	391	412	444	445	426	468	531	570	534	589	520	599	446	608	438	607	5025	515	
6	429	459	380	406	368	344	357	345	404	330	423	355	492	387	602	470	597	480	574	491	567	518	568	521	5761	428	
5	513	362	405	311	404	261	404	261	411	246	495	271	518	293	642	356	628	358	663	373	720	403	721	409	6524	327	
4	370	246	329	211	284	169	264	167	296	160	318	171	376	195	507	234	452	229	486	235	515	258	476	267	4673	213	
3	319	162	224	129	211	104	206	105	240	99	275	107	327	123	353	138	331	137	311	135	358	154	385	173	3540	131	
2	212	89	173	74	154	56	161	57	157	49	161	52	225	61	247	71	197	69	219	70	246	82	298	98	2450	69	
1	120	41	81	31	72	21	59	20	54	16	76	20	75	18	112	25	91	29	90	25	116	32	128	39	1074	26	
0	61	14	43	11	22	5	25	6	23	5	22	4	22	4	18	3	50	10	30	6	42	8	69	14	427	7	
MEAN		7.9		8.4		9.5		9.4		9.0		8.8		8.4		7.3		7.3		7.1		7.0		7.2		8.1	
S.D.		4.8		5.0		5.5		5.3		4.6		4.8		4.5		3.8		4.1		3.7		3.8		4.4		4.6	
TOTAL		4406		4032		4399		4283		4798		4979		5260		5280		4887		4829		4954		5076		57183	
MAX		29.7		37.3		34.0		34.8		28.8		38.7		34.6		25.7		38.7		29.7		25.9		30.7		38.7	
DATE	19960107	13	19980216	02	19960319	12	19960430	04	19990507	22	19950605	14	19960705	20	20000812	13	19980903	11	19951004	23	20001125	11	20001217	11	19980903	11	
MIN		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	
DATE	20010129	01	20010222	03	20000318	04	20010411	07	20010531	06	20010620	01	20010706	15	20010816	10	20000920	00	20011005	00	20011109	05	20011209	10	20011209	10	
(* < 0.05% # = 100.0%)																											

STATION: KTNF1

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: (5/1995 - 12/2001) (57164 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
47	-	-	-	-	-	-	-	-	-	-	1	#	-	-	-	-	-	-	-	-	-	-	-	-	1	#
46	-	-	1	#	-	-	-	-	-	-	1	999	-	-	-	-	-	-	-	-	-	-	-	-	2	999
45	-	-	-	-	-	-	-	-	-	-	1	999	-	-	-	-	1	#	-	-	-	-	-	-	2	999
44	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999
43	-	-	1	999	-	-	-	-	-	-	1	999	-	-	-	-	-	-	-	-	-	-	-	-	2	999
42	-	-	1	999	1	#	-	-	-	-	2	999	-	-	-	-	3	999	-	-	-	-	-	-	7	999
41	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	999	-	-	-	-	-	-	1	999
40	-	-	1	999	1	999	1	#	-	-	2	999	-	-	-	-	1	999	-	-	-	-	-	-	6	999
39	-	-	2	999	-	-	1	999	-	-	4	998	3	#	-	-	-	-	-	-	-	-	-	-	10	999
38	-	-	1	999	1	999	-	-	-	-	1	998	-	-	-	-	4	999	-	-	-	-	-	-	7	999
37	-	-	2	998	-	-	-	-	-	-	1	997	-	-	-	-	1	998	-	-	-	-	1	#	5	999
36	1	#	2	998	2	999	-	-	1	#	-	-	1	999	1	#	1	998	-	-	1	#	1	999	11	999
35	1	999	7	997	6	999	-	-	-	-	1	997	1	999	-	-	1	998	-	-	-	-	1	999	18	999
34	1	999	2	996	5	997	-	-	-	-	1	997	-	-	-	-	1	997	4	#	-	-	-	-	14	999
33	5	999	1	995	5	996	2	999	1	999	1	997	-	-	-	-	-	-	3	999	-	-	1	999	19	998
32	3	998	4	995	4	995	1	999	-	-	1	997	4	999	1	999	1	997	3	999	-	-	3	999	25	999

31	6	998	5	994	8	994	4	999	2	999	4	996	3	998	1	999	4	997	2	998	1	999	1	999	41	998
30	6	996	7	993	10	992	9	998	-	-	3	996	-	-	3	999	3	996	3	998	2	999	8	998	54	997
29	12	995	12	991	18	990	7	996	6	999	7	995	2	998	3	999	6	995	1	997	4	999	9	997	87	996
28	8	992	8	988	27	986	11	994	6	998	4	994	3	997	4	998	4	994	2	997	2	998	9	995	88	995
27	13	990	7	986	19	980	20	992	11	997	2	993	4	997	3	998	6	993	2	996	3	998	9	993	99	993
26	14	987	15	984	40	976	26	987	11	994	11	992	15	996	6	997	10	992	7	996	7	997	18	992	180	991
25	25	984	13	980	44	967	40	981	13	992	19	990	10	993	5	996	7	990	6	994	5	996	19	988	206	988
24	21	978	23	977	40	957	33	972	15	989	14	986	15	991	10	995	7	989	7	993	14	995	20	984	219	985
23	29	974	28	971	56	947	54	964	19	986	30	984	16	988	14	993	18	987	10	992	21	992	21	980	316	981
22	45	967	28	965	64	935	56	951	39	982	39	978	22	985	15	990	13	984	28	990	22	988	29	976	400	975
21	50	957	54	958	81	920	69	938	59	974	53	970	47	981	21	987	25	981	20	984	19	983	34	970	532	968
20	45	946	47	944	66	902	98	922	53	962	65	959	77	972	27	983	33	976	48	980	25	980	50	964	634	959
19	72	935	77	933	118	887	147	899	122	951	106	946	121	958	56	978	47	969	54	970	50	975	51	954	1021	948
18	91	919	68	913	127	860	107	865	112	925	111	925	109	935	53	968	59	959	56	959	60	964	79	944	1032	930
17	78	898	98	897	115	831	111	840	124	902	124	902	127	914	72	958	80	947	80	947	86	952	82	928	1177	912
16	117	881	121	872	156	805	138	814	174	876	163	877	168	890	95	944	101	931	96	930	103	935	106	912	1538	891
15	139	854	152	842	168	769	155	782	225	840	198	845	186	858	119	926	140	910	136	911	147	914	127	891	1892	864
14	159	823	158	805	175	731	176	745	219	793	227	805	222	822	155	903	139	882	166	882	143	885	147	866	2086	831
13	218	786	200	765	265	692	250	704	277	747	265	759	269	780	246	874	218	853	215	848	224	856	202	837	2849	795
12	299	737	283	716	307	631	309	646	363	690	369	706	363	729	361	827	301	809	334	803	326	810	319	797	3934	745
11	253	669	270	646	291	561	302	574	394	614	374	632	363	660	386	759	300	747	356	734	332	745	309	735	3930	676
10	240	612	263	579	261	495	265	503	359	532	347	557	366	591	394	685	346	686	334	661	341	678	317	674	3833	607
9	363	557	309	513	285	436	311	441	411	457	423	487	486	521	501	611	491	615	433	591	412	609	400	611	4825	540
8	326	475	310	437	324	371	291	369	366	371	413	402	440	429	549	515	517	514	470	502	448	526	457	533	4911	456
7	294	401	289	360	271	298	263	301	322	295	333	319	375	345	472	411	447	408	446	404	416	435	431	442	4359	370
6	358	334	298	288	272	236	278	239	294	228	390	252	401	274	444	321	450	317	435	312	465	351	443	358	4528	294
5	355	253	321	214	304	174	276	174	316	167	327	174	384	198	512	237	456	225	422	222	496	257	466	270	4635	215
4	293	172	200	135	175	105	191	110	210	101	248	108	291	125	331	140	286	131	280	135	322	157	338	178	3165	133
3	214	106	160	85	148	65	137	65	145	57	148	59	219	69	211	77	172	73	188	77	210	92	254	112	2206	78
2	135	57	110	45	101	32	97	33	95	27	95	29	105	28	157	37	119	37	134	38	167	50	192	62	1507	39
1	80	27	52	18	28	9	40	11	25	7	40	10	34	8	31	7	34	13	33	10	56	16	78	24	531	13
0	37	8	21	5	10	2	6	1	9	2	9	2	7	1	7	1	30	6	15	3	24	5	44	9	219	4
MEAN		9.7		10.2		11.4		11.2		10.5		10.4		9.9		8.8		9.1		9.1		8.8		9.0		9.8
S.D.		5.7		5.8		6.3		5.9		5.0		5.3		5.0		4.4		4.8		4.6		4.6		5.2		5.3
TOTAL		4406		4032		4399		4282		4798		4979		5259		5266		4884		4829		4954		5076		57164
MAX		36.4		46.1		42.0		39.5		35.8		46.5		38.9		36.4		44.7		34.4		35.8		36.7		46.5
DATE	1998011614	1998021602	1996031912	1996043004	1998050415	1995060514	1996070718	2000081213	1998090311	1995100423	2000112511	1997123004	1995060514													
MIN	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													
DATE	2001012901	2001022203	2000031804	1998041207	2001053106	2001062001	2001070615	2000083117	2000092000	2001100500	2001110905	2001120910	2001120910													
(* < 0.05% , # = 100.0%)																										

STATION: KTNF1

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

(HIGHEST 5-SECOND AVERAGE DURING PAST HOUR)

ELEMENT: HOURLY PEAK WIND GUST (KNOTS) -- POR: (1/1996 - 12/2001) (52047 RECORDS, 16.4% HAVE ELEMENT)

	JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC		ANN	
	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF
56	-	-	-	-	-	-	1	#	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	#
55	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	#	-	-	-	-	-	-	1	999
54	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	999	-	-	-	-	-	-	1	999
53	-	-	1	#	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	999
52	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999
51	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999
50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	#	1	999	-	-	-	-	-	-	2	999
49	-	-	1	999	-	-	-	-	-	-	-	-	1	#	-	-	1	999	-	-	-	-	-	-	3	999
48	1	#	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	999	-	-	1	#	-	-	3	999
47	1	999	-	-	1	#	-	-	-	-	-	-	-	-	-	-	1	999	-	-	-	-	-	-	3	999
46	-	-	2	999	-	-	-	-	-	-	-	-	2	999	-	-	-	-	-	-	-	-	-	-	4	999
45	-	-	-	-	3	999	-	-	-	-	1	#	-	-	1	999	1	999	-	-	-	-	-	-	6	999
44	-	-	-	-	1	999	2	999	-	-	-	-	-	-	-	-	1	998	-	-	-	-	-	-	4	999
43	-	-	3	999	2	999	-	-	-	-	-	-	3	999	-	-	-	-	-	-	-	-	-	-	8	999
42	-	-	1	998	-	-	-	-	-	-	-	-	1	999	-	-	1	998	-	-	-	-	-	-	3	999
41	-	-	4	998	2	998	-	-	-	-	2	999	1	998	-	-	2	998	-	-	-	-	-	-	11	999
40	2	999	3	997	3	998	3	999	-	-	2	999	1	998	-	-	1	997	-	-	-	-	-	-	15	999
39	1	999	7	996	3	997	1	999	-	-	1	999	1	998	1	999	3	997	-	-	-	-	-	-	18	999
38	3	999	5	995	3	997	-	-	1	#	-	-	3	998	1	999	2	996	-	-	-	-	4	#	22	998
37	4	998	5	993	2	996	-	-	-	-	1	999	-	-	2	999	4	996	1	#	-	-	2	999	21	998
36	3	997	4	992	10	995	2	998	-	-	-	-	2	997	4	999	2	995	-	-	2	999	1	999	30	998

26	31	966	41	968	62	938	67	963	23	989	30	983	24	982	13	990	21	976	22	991	22	985	34	981	390	976	
25	48	959	32	958	55	924	66	947	27	983	32	976	36	977	20	987	32	971	24	986	17	980	30	973	419	969	
24	42	948	36	950	74	911	64	931	30	977	33	968	47	969	22	982	21	964	31	980	19	976	25	967	444	960	
23	56	939	51	941	92	894	71	916	42	970	63	960	49	959	25	977	47	959	44	973	31	972	39	961	610	952	
22	74	926	63	928	91	873	100	900	66	961	94	946	62	948	27	972	51	948	42	963	40	964	45	952	755	940	
21	75	909	79	912	121	853	118	876	93	946	83	923	76	934	47	966	64	936	58	954	48	955	67	942	929	926	
20	84	893	83	893	114	825	128	849	107	925	86	904	101	917	58	955	55	920	51	941	62	943	55	927	984	908	
19	135	874	122	872	171	799	171	818	177	900	168	884	170	894	83	942	102	907	122	929	107	929	101	915	1629	889	
18	114	843	121	842	148	760	158	778	188	860	139	844	163	857	99	924	99	883	120	902	105	903	127	892	1581	858	
17	158	817	136	812	149	727	146	741	190	817	176	812	177	820	89	902	104	860	116	875	136	878	120	863	1697	827	
16	168	782	172	778	205	693	192	707	233	774	195	770	188	781	148	882	152	835	186	848	164	846	172	836	2175	795	
15	213	744	200	736	252	646	244	662	278	721	215	725	235	739	187	849	157	799	225	806	196	807	183	797	2585	753	
14	205	696	213	686	238	589	236	605	251	657	226	674	245	687	225	808	203	761	222	756	204	761	196	756	2664	703	
13	257	649	281	633	241	534	280	549	305	600	269	621	300	632	312	758	250	713	261	706	253	713	302	712	3311	652	
12	346	591	310	563	326	480	321	483	379	530	388	558	402	565	414	688	334	654	376	647	333	653	368	644	4297	588	
11	285	513	300	486	303	405	256	408	360	444	343	467	349	476	446	596	365	574	315	562	316	574	317	561	3955	506	
10	294	449	251	412	245	336	277	348	323	362	308	387	367	398	384	497	391	488	363	491	301	499	288	490	3792	430	
9	310	383	280	350	282	281	258	283	302	288	339	314	362	317	451	412	402	395	407	409	359	427	351	425	4103	357	
8	298	313	298	280	251	216	225	222	278	220	305	235	322	236	405	312	356	299	373	317	347	342	351	346	3809	278	
7	250	245	222	206	210	159	202	169	193	156	215	163	217	164	306	222	283	215	294	232	300	260	328	267	3020	205	
6	256	189	214	151	162	112	198	122	178	112	212	113	196	116	273	154	255	148	279	166	285	189	260	193	2768	147	
5	249	131	208	98	163	75	159	75	178	72	144	63	204	72	249	93	199	87	233	103	255	122	293	134	2534	94	
4	172	75	99	47	112	38	112	38	95	31	82	29	92	27	117	38	114	40	141	50	144	61	175	68	1455	45	
3	103	36	63	22	42	12	43	12	31	9	35	10	26	6	47	12	44	13	61	19	89	27	89	29	673	17	
2	49	13	22	6	11	3	7	2	10	2	7	2	3	1	5	1	9	2	19	5	24	6	34	9	200	4	
1	8	2	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	*	1	*	4	1	18	*	
0	-	-	1	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	*	2	*	
MEAN	12.2		12.6		14.1		13.7		12.7		12.7		12.6		11.1		11.7		11.4		11.2		11.4		12.3		
S.D.	6.4		6.4		6.9		6.4		5.2		5.6		5.6		4.9		5.8		5.1		5.3		5.7		5.9		
TOTAL	4430		4031		4393		4258		4387		4261		4492		4499		4209		4428		4220		4439		52047		
MAX	48.4		52.5		47.4		56.0		38.3		44.7		49.2		49.8		55.0		36.9		47.8		38.3		56.0		
DATE	1997011610	1998022216	2001032915	1997042311	1998050415	1997062014	1997070516	1998081922	1998090310	1996100803	1996110815	2000121711	1997042311														
MIN	0.6		0.4		1.7		1.9		1.7		1.6		2.1		1.9		1.6		1.2		1.2		0.0		0.0		
DATE	2000011712	1996020105	1997032402	1998041209	1999050909	1998062214	1997071108	1999081813	1996090202	2001100500	2001110906	1997122601	1997122601														
(* < 0.05% , # = 100.0%)																											

(* < 0.05% , # = 100.0%)

ELEMENT SUMMARY FOR STATION: KTNF1
 (A) TOTAL STDMET RECORDS READ = 58201
 (B) TOTAL CWIND RECORDS READ = 316504
 (C) TOTAL RECORDS USED IN STATS = 374705

	AIR TMP	SEA TMP	AIR-SEA	DEWPT	SLP	AVWS	PKGS-8M	PKGS-5S	SIGWVHT	AVWVPD	DWVPD	VSBY
(D) ELEMENT RECORDS AVAILABLE	57633	0	0	27316	57644	57183	57164	52047	0	0	0	0
(E) ELEMENT OUT OF RANGE	568	58201	58201	30885	557	1018	1037	264457	58201	58201	58201	58201

STATION: KTNF1 -- POR (5/1995 - 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
1995	MEAN	-	-	-	-	25.3	25.4	27.4	27.2	25.1	22.3	14.4	11.4	22.3
	MAXIMUM	-	-	-	-	30.8	30.7	32.8	33.9	31.1	30.1	26.1	23.5	33.9
	DAY-HR	-	-	-	-	24-21	09-23	31-22	15-16	03-21	03-21	01-22	17-20	AUG
	MINIMUM	-	-	-	-	17.3	17.2	21.6	21.5	17.2	8.3	2.5	-1.1	-1.1
	DAY-HR	-	-	-	-	23-10	14-10	17-14	30-11	25-07	22-11	12-12	25-12	DEC
	# OBS	-	-	-	-	408	714	737	740	714	741	713	634	5401
1996	MEAN	10.7	11.6	12.9	17.8	24.0	25.7	27.6	26.0	25.1	20.5	15.6	13.1	19.4
	MAXIMUM	22.1	23.5	23.3	25.6	30.9	34.5	32.8	31.8	30.2	28.6	27.3	21.6	34.5
	DAY-HR	17-18	25-16	27-17	28-21	25-19	25-22	16-21	19-21	05-18	17-19	06-20	30-17	JUN
	MINIMUM	-3.0	-8.0	-2.2	6.6	10.4	16.4	22.1	21.1	15.8	9.0	3.7	-2.1	-8.0
	DAY-HR	08-13	05-12	09-14	10-12	01-11	02-11	30-11	15-11	23-11	19-12	27-11	20-07	FEB
	# OBS	726	686	738	734	738	717	828	789	715	735	691	732	8829
1997	MEAN	12.4	15.0	19.5	18.7	22.3	24.8	27.5	26.7	25.8	20.8	15.2	12.5	20.1
	MAXIMUM	21.9	24.6	27.3	26.1	27.6	28.9	32.8	31.5	31.3	30.7	23.2	22.2	32.8
	DAY-HR	29-20	20-17	12-21	26-21	29-22	24-18	02-18	10-20	01-20	09-21	02-06	21-21	JUL
	MINIMUM	-2.2	3.2	5.9	7.6	10.5	15.9	20.8	18.5	17.4	6.2	1.7	0.0	-2.2
	DAY-HR	18-13	12-11	07-12	18-12	05-11	07-08	06-10	23-11	06-11	28-12	17-12	28-13	JAN
	# OBS	734	654	740	710	738	713	732	740	716	738	704	738	8657
1998	MEAN	14.0	13.1	14.5	19.4	24.5	27.3	27.8	27.3	25.7	22.4	19.4	15.6	21.0
	MAXIMUM	25.2	22.8	24.7	24.6	31.7	34.3	32.8	33.1	32.7	29.9	24.6	24.7	34.3
	DAY-HR	05-18	16-20	26-19	28-22	19-19	29-16	06-16	25-21	05-21	06-19	18-17	02-19	JUN
	MINIMUM	0.4	3.2	0.1	9.1	16.9	18.7	22.2	21.2	19.4	9.3	8.2	2.3	0.1
	DAY-HR	01-13	08-12	13-12	11-11	05-11	08-11	22-11	07-11	13-11	23-12	06-12	31-12	MAR
	# OBS	716	667	720	691	716	680	737	786	709	735	690	739	8586

1999	MEAN	13.1	14.4	15.2	20.7	22.6	25.3	27.4	28.0	25.1	21.3	16.8	12.6	20.2
	MAXIMUM	24.3	22.3	22.5	26.6	29.9	29.9	31.5	32.7	32.4	28.9	25.3	22.8	32.7
	DAY-HR	22-21	11-17	19-16	06-16	30-21	18-21	31-22	28-19	11-21	03-19	01-18	05-16	AUG
	MINIMUM	-4.5	-0.5	4.1	11.0	11.2	19.2	20.8	21.4	13.6	4.9	4.2	-1.2	-4.5
	DAY-HR	06-10	23-12	04-12	19-11	01-02	01-11	02-11	23-11	23-12	25-10	17-12	26-12	JAN
	# OBS	743	660	718	719	720	716	739	739	717	741	718	740	8670
2000	MEAN	11.7	13.4	17.8	18.3	23.8	25.7	27.3	27.1	24.6	19.8	15.7	10.4	19.6
	MAXIMUM	21.0	21.9	26.2	26.5	29.3	29.9	31.9	32.6	30.4	28.9	24.6	23.0	32.6
	DAY-HR	03-22	23-18	31-19	01-19	30-21	20-19	08-18	29-21	10-21	03-21	03-21	13-18	AUG
	MINIMUM	-3.0	-0.6	3.5	5.0	14.4	17.6	20.1	20.9	16.2	7.6	-0.6	-4.6	-4.6
	DAY-HR	27-12	06-12	13-12	09-11	01-10	10-11	03-11	30-11	29-11	10-12	22-11	20-13	DEC
	# OBS	739	693	741	713	735	720	744	743	718	740	718	743	8747
2001	MEAN	9.2	15.5	15.2	19.2	22.8	25.8	26.7	27.0	23.6	19.8	18.2	15.9	19.9
	MAXIMUM	20.1	24.2	22.7	26.6	29.3	30.5	31.0	31.0	30.4	29.0	28.2	25.6	31.0
	DAY-HR	17-17	27-16	14-18	29-20	26-19	17-21	23-20	30-21	11-20	22-19	03-20	16-20	AUG
	MINIMUM	-3.5	2.1	5.3	5.3	13.6	19.4	19.9	20.9	13.0	3.3	7.5	1.2	-3.5
	DAY-HR	03-12	07-13	07-12	18-11	09-11	19-11	16-11	22-11	30-12	28-12	06-12	27-11	JAN
	# OBS	743	672	740	716	743	718	743	744	717	744	720	743	8743
POR	MEAN	11.8	13.8	15.8	19.0	23.5	25.7	27.4	27.0	25.0	21.0	16.5	13.1	20.3
	MAXIMUM	25.2	24.6	27.3	26.6	31.7	34.5	32.8	33.9	32.7	30.7	28.2	25.6	34.5
	YEAR	1998	1997	1997	2001	1998	1996	1998	1995	1998	1997	2001	2001	JUN/1996
	MINIMUM	-4.5	-8.0	-2.2	5.0	10.4	15.9	19.9	18.5	13.0	3.3	-0.6	-4.6	-8.0
	YEAR	1999	1996	1996	2000	1996	1997	2001	1997	2001	2001	2000	2000	FEB/1996
	# OBS	4401	4032	4397	4283	4798	4978	5260	5281	5006	5174	4954	5069	57633

STATION: KTNF1 -- POR (11/1998 - 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
1998	MEAN	-	-	-	-	-	-	-	-	-	-	16.5	12.3	14.1
	MAXIMUM	-	-	-	-	-	-	-	-	-	-	21.9	21.0	21.9
	DAY-HR	-	-	-	-	-	-	-	-	-	-	15-23	13-14	NOV
	MINIMUM	-	-	-	-	-	-	-	-	-	-	3.9	-3.8	-3.8
	DAY-HR	-	-	-	-	-	-	-	-	-	-	28-00	30-19	DEC
	# OBS	-	-	-	-	-	-	-	-	-	-	550	726	1276
1999	MEAN	8.9	10.6	9.6	16.7	17.8	21.4	22.9	23.5	20.0	16.3	11.4	7.8	15.6
	MAXIMUM	19.5	19.2	17.9	22.4	23.0	24.9	26.7	27.7	24.9	23.9	21.9	18.6	27.7
	DAY-HR	23-17	10-06	14-12	25-06	29-21	30-03	31-21	01-22	07-08	03-22	01-23	13-23	AUG
	MINIMUM	-12.8	-8.7	-5.5	0.5	2.5	14.9	18.9	16.0	7.7	0.0	-6.6	-10.5	-12.8
	DAY-HR	05-17	22-22	04-15	18-14	03-01	19-21	03-19	04-19	17-04	24-01	03-17	02-18	JAN
	# OBS	742	639	709	704	687	712	733	736	717	738	710	740	8567
2000	MEAN	7.3	8.8	13.5	12.9	19.1	21.2	22.7	22.3	21.1	14.2	10.7	5.0	14.9
	MAXIMUM	17.7	18.7	21.4	21.5	24.5	24.2	27.6	26.8	26.2	24.4	22.5	20.5	27.6
	DAY-HR	04-21	20-01	31-00	25-00	28-19	30-05	20-20	29-06	23-14	06-09	09-23	15-02	JUL
	MINIMUM	-12.3	-5.7	-2.2	-6.2	6.3	12.3	14.8	17.1	12.6	-2.4	-9.7	-11.1	-12.3
	DAY-HR	21-17	05-15	13-16	09-19	01-01	07-11	03-19	13-20	29-12	09-16	22-17	20-08	JAN
	# OBS	736	687	739	712	732	719	744	743	718	740	718	744	8732
2001	MEAN	4.9	12.2	11.1	14.4	17.6	21.9	23.2	23.0	19.7	13.7	13.6	11.8	15.6
	MAXIMUM	17.5	20.4	22.1	23.2	23.9	25.1	27.0	26.1	24.9	24.6	20.0	21.4	27.0
	DAY-HR	18-16	26-05	03-22	15-05	30-21	12-03	09-23	19-02	02-00	24-23	30-23	15-01	JUL
	MINIMUM	-9.7	-2.5	-5.8	-3.9	7.0	13.3	16.0	17.8	6.6	-6.3	0.8	-5.3	-9.7
	DAY-HR	03-17	18-09	27-17	18-17	23-23	24-22	15-19	22-08	30-22	27-20	06-21	27-03	JAN
	# OBS	741	672	740	716	743	718	743	744	717	744	720	743	8741
POR	MEAN	7.0	10.5	11.4	14.6	18.2	21.5	22.9	22.9	20.3	14.7	12.8	9.2	15.3
	MAXIMUM	19.5	20.4	22.1	23.2	24.5	25.1	27.6	27.7	26.2	24.6	22.5	21.4	27.7
	YEAR	1999	2001	2001	2001	2000	2001	2000	1999	2000	2001	2000	2001	AUG/1999
	MINIMUM	-12.8	-8.7	-5.8	-6.2	2.5	12.3	14.8	16.0	6.6	-6.3	-9.7	-11.1	-12.8
	YEAR	1999	1999	2001	2000	1999	2000	2000	1999	2001	2001	2000	2000	JAN/1999
	# OBS	2219	1998	2188	2132	2162	2149	2220	2223	2152	2222	2698	2953	27316

STATION: KTNF1 -- POR (5/1995 - 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
1995	MEAN	-	-	-	-	1015.3	1014.3	1015.8	1012.7	1014.7	1014.8	1020.0	1019.4	1015.8
	MAXIMUM	-	-	-	-	1020.4	1022.6	1021.6	1019.2	1020.1	1024.4	1026.1	1030.5	1030.5
	DAY-HR	-	-	-	-	24-15	17-15	06-04	07-16	15-15	30-14	16-15	11-02	DEC
	MINIMUM	-	-	-	-	1006.8	997.4	1009.4	1003.9	1008.8	998.0	1011.1	1005.2	997.4
	DAY-HR	-	-	-	-	20-07	05-15	18-23	25-09	01-21	04-20	08-01	19-21	JUN
	# OBS	-	-	-	-	408	714	737	740	714	741	713	634	5401
1996	MEAN	1019.2	1019.1	1018.2	1017.4	1017.5	1016.1	1016.8	1017.4	1013.6	1016.8	1021.3	1020.8	1017.8
	MAXIMUM	1029.1	1039.5	1032.8	1024.6	1025.4	1022.6	1024.0	1022.1	1020.8	1027.3	1034.1	1032.9	1039.5
	DAY-HR	28-15	05-16	09-15	11-15	09-16	02-14	28-17	23-15	27-16	27-15	13-15	20-15	FEB
	MINIMUM	1003.0	1006.5	1001.9	1007.9	1006.8	1011.2	1008.9	1010.6	1007.5	989.2	1010.3	1008.4	989.2
	DAY-HR	02-08	02-21	19-06	01-08	22-22	18-23	04-01	31-22	05-20	08-02	21-22	07-11	OCT
	# OBS	731	687	740	734	738	717	827	789	715	734	691	738	8841
1997	MEAN	1020.6	1021.6	1018.6	1015.4	1016.9	1014.1	1016.2	1016.5	1014.3	1017.0	1017.0	1015.2	1016.9
	MAXIMUM	1030.9	1032.7	1028.0	1025.2	1025.4	1020.6	1021.6	1022.6	1020.5	1024.7	1030.1	1028.7	1032.7
	DAY-HR	18-15	17-16	07-16	02-15	05-14	26-16	08-16	17-15	06-15	10-16	17-15	31-23	FEB
	MINIMUM	1006.3	1014.3	1006.9	998.3	1008.1	1006.2	1009.4	1011.2	1005.6	1007.0	1001.8	1003.0	998.3
	DAY-HR	09-12	15-06	21-22	23-10	13-07	04-09	03-09	30-20	27-21	31-23	14-00	27-11	APR
	# OBS	734	654	740	709	738	713	732	740	716	738	703	738	8655
1998	MEAN	1017.8	1012.4	1018.3	1015.6	1014.0	1015.9	1016.3	1015.9	1013.2	1018.6	1018.5	1020.9	1016.5
	MAXIMUM	1037.3	1023.7	1032.6	1023.9	1020.4	1022.5	1021.3	1022.6	1019.7	1028.2	1026.2	1026.7	1037.3
	DAY-HR	01-16	10-16	12-14	13-16	20-15	09-16	22-15	09-15	11-17	23-15	12-15	20-15	JAN
	MINIMUM	1004.1	992.5	1002.3	1004.8	1004.6	1007.9	1009.6	1008.0	998.3	1006.6	1007.5	1007.9	992.5
	DAY-HR	16-02	03-21	09-03	09-10	11-01	15-08	12-20	26-00	03-10	01-00	05-09	29-20	FEB
	# OBS	716	667	720	691	716	681	737	786	709	734	690	739	8586
1999	MEAN	1021.3	1019.7	1017.5	1016.5	1015.5	1016.3	1017.7	1013.4	1012.5	1017.2	1020.0	1021.1	1017.4
	MAXIMUM	1033.9	1030.3	1026.7	1025.6	1021.4	1020.8	1022.9	1021.0	1019.9	1025.4	1031.7	1033.1	1033.9
	DAY-HR	05-15	14-16	08-14	18-15	30-16	06-14	18-16	16-15	28-15	28-15	05-15	01-15	JAN
	MINIMUM	1006.7	1007.6	1003.6	1006.6	1009.8	1012.0	1009.2	1007.4	1001.4	1005.9	1008.3	1010.2	1001.4
	DAY-HR	03-00	19-20	14-12	15-21	14-09	16-22	30-21	29-21	15-20	17-08	01-23	19-07	SEP
	# OBS	743	660	718	719	720	716	739	739	717	741	718	740	8670
2000	MEAN	1021.8	1022.8	1017.3	1016.7	1016.7	1018.2	1014.9	1016.6	1013.9	1019.9	1018.3	1021.9	1018.2
	MAXIMUM	1039.1	1032.1	1025.6	1026.4	1023.4	1022.8	1020.3	1022.9	1018.9	1027.3	1032.4	1029.5	1039.1
	DAY-HR	15-15	06-15	07-15	10-15	18-17	18-15	03-15	23-15	19-15	23-15	22-15	26-13	JAN
	MINIMUM	1005.2	1011.5	1000.5	1005.2	1008.8	1013.0	1007.0	1009.0	1003.7	1012.2	1008.5	1004.2	1000.5
	DAY-HR	24-12	14-10	27-23	24-21	29-23	30-09	15-22	29-22	18-05	01-21	09-22	28-20	MAR
	# OBS	739	693	741	713	735	720	744	743	718	740	718	744	8748
2001	MEAN	1021.5	1022.2	1014.6	1020.7	1016.8	1017.1	1015.9	1017.2	1014.7	1019.8	1020.1	1019.1	1018.3
	MAXIMUM	1033.1	1028.9	1023.6	1030.0	1023.8	1025.4	1022.6	1023.0	1019.7	1032.6	1027.5	1028.3	1033.1
	DAY-HR	02-16	18-15	27-15	21-17	08-12	27-15	28-16	07-16	17-15	29-14	07-15	21-16	JAN
	MINIMUM	1010.4	1013.8	1004.5	1009.7	1010.7	1009.8	1008.3	1011.5	1005.7	1010.6	1013.7	1010.9	1004.5
	DAY-HR	19-23	28-22	20-08	01-00	22-23	12-07	22-23	15-08	14-20	23-21	05-19	18-05	MAR
	# OBS	743	672	740	716	743	718	743	744	717	744	720	743	8743
POR	MEAN	1020.4	1019.6	1017.4	1017.0	1016.2	1016.0	1016.2	1015.7	1013.8	1017.7	1019.3	1019.8	1017.4
	MAXIMUM	1039.1	1039.5	1032.8	1030.0	1025.4	1025.4	1024.0	1023.0	1020.8	1032.6	1034.1	1033.1	1039.5
	YEAR	2000	1996	1996	2001	1997	2001	1996	2001	1996	2001	1996	1999	FEB/1996
	MINIMUM	1003.0	992.5	1000.5	998.3	1004.6	997.4	1007.0	1003.9	998.3	989.2	1001.8	1003.0	989.2
	YEAR	1996	1998	2000	1997	1998	1995	2000	1995	1998	1996	1997	1997	OCT/1996
	# OBS	4406	4033	4399	4282	4798	4979	5259	5281	5006	5172	4953	5076	57644

STATION: KTNF1 -- POR (5/1995 - 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
1995	MEAN	-	-	-	-	8.5	9.5	8.0	8.3	6.2	8.5	6.8	7.3	7.9
	MAXIMUM	-	-	-	-	27.8	38.7	21.0	25.5	17.3	29.7	20.6	28.8	38.7
	DAY-HR	-	-	-	-	19-22	05-14	17-23	02-22	06-16	04-23	11-23	20-09	JUN
	MINIMUM	-	-	-	-	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	DAY-HR	-	-	-	-	31-06	29-12	23-13	17-08	27-00	27-01	26-05	28-06	DEC
	# OBS	-	-	-	-	408	714	737	740	594	396	713	634	4936
1996	MEAN	9.2	8.7	9.9	8.6	7.8	8.1	10.7	7.2	6.8	8.0	8.6	6.9	8.4
	MAXIMUM	29.7	27.0	34.0	34.8	18.9	22.6	34.6	24.5	23.5	24.9	24.5	24.5	34.8
	DAY-HR	07-13	16-22	19-12	30-04	12-02	26-22	05-20	01-15	17-20	08-03	08-15	01-12	APR
	MINIMUM	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.4	0.0	0.0
	DAY-HR	14-15	26-11	15-04	17-03	04-07	14-13	27-02	18-01	13-05	26-23	19-12	29-23	DEC
	# OBS	731	686	740	734	738	717	828	789	715	735	691	738	8842
1997	MEAN	7.9	8.8	8.9	10.0	8.4	8.9	7.4	7.4	7.0	7.2	7.6	8.3	8.1

	MAXIMUM	27.0	22.4	22.6	33.8	22.9	31.3	19.1	21.6	24.7	19.6	23.1	26.6	33.8
	DAY-HR	10-03	21-15	29-21	23-12	03-19	20-13	05-18	08-01	17-22	27-10	14-23	30-04	APR
	MINIMUM	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	DAY-HR	24-05	07-00	24-01	04-02	13-05	26-14	09-02	27-09	18-15	19-05	27-06	29-01	DEC
	# OBS	734	654	740	710	738	713	732	740	716	738	704	738	8657
1998	MEAN	8.8	11.0	9.3	10.8	10.4	10.7	8.8	7.2	9.2	6.1	6.2	6.6	8.7
	MAXIMUM	29.4	37.3	29.4	27.6	27.8	28.6	28.0	17.3	38.7	23.7	18.7	21.0	38.7
	DAY-HR	16-14	16-02	08-17	10-00	04-15	06-11	04-02	20-18	03-11	01-00	03-14	30-06	SEP
	MINIMUM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0
	DAY-HR	24-04	28-23	19-03	12-07	31-13	29-02	15-06	11-11	20-23	30-12	28-08	28-18	DEC
	# OBS	716	667	720	691	716	681	737	786	709	735	690	739	8587
1999	MEAN	7.4	7.5	8.8	9.3	8.8	7.2	7.3	7.5	7.3	7.4	6.3	7.4	7.7
	MAXIMUM	24.7	23.1	29.9	26.6	28.8	20.4	25.3	23.9	18.1	20.6	22.9	21.2	29.9
	DAY-HR	02-17	19-21	14-23	16-01	07-22	30-09	13-07	09-12	06-00	07-16	02-00	13-13	MAR
	MINIMUM	0.0	0.0	0.2	0.0	0.0	0.0	0.2	0.0	0.0	0.6	0.0	0.0	0.0
	DAY-HR	22-00	07-03	29-00	17-04	23-02	17-14	23-14	06-21	29-04	28-01	11-07	30-02	DEC
	# OBS	743	660	718	719	720	716	739	738	717	741	718	740	8669
2000	MEAN	7.5	7.4	8.8	9.9	10.0	8.3	8.4	6.6	8.0	5.7	6.8	7.7	7.9
	MAXIMUM	21.6	20.8	25.5	29.7	28.0	23.9	22.6	25.7	23.1	15.6	25.9	30.7	30.7
	DAY-HR	20-19	14-06	30-19	28-11	28-22	05-21	21-20	12-13	03-18	23-19	25-11	17-11	DEC
	MINIMUM	0.0	0.0	0.0	0.4	0.6	0.2	0.4	0.0	0.0	0.0	0.0	0.0	0.0
	DAY-HR	24-01	10-14	18-04	16-05	02-03	20-13	21-03	31-17	20-00	16-13	30-01	19-03	DEC
	# OBS	739	693	741	713	735	720	744	743	718	740	718	744	8748
2001	MEAN	7.0	6.9	11.1	7.7	8.6	8.7	8.3	6.9	6.3	7.5	6.7	6.4	7.7
	MAXIMUM	22.6	20.6	30.5	23.1	19.6	27.4	31.5	22.0	25.1	21.8	20.8	19.4	31.5
	DAY-HR	20-12	17-09	29-14	15-22	29-18	12-10	24-04	19-13	12-22	14-12	23-23	18-03	JUL
	MINIMUM	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0
	DAY-HR	29-01	22-03	18-08	11-07	31-06	20-01	06-15	16-10	06-22	05-00	09-05	09-10	DEC
	# OBS	743	672	740	716	743	718	743	744	718	744	720	743	8744
POR	MEAN	7.9	8.4	9.5	9.4	9.0	8.8	8.4	7.3	7.3	7.1	7.0	7.2	8.1
	MAXIMUM	29.7	37.3	34.0	34.8	28.8	38.7	34.6	25.7	38.7	29.7	25.9	30.7	38.7
	YEAR	1996	1998	1996	1996	1999	1995	1996	2000	1998	1995	2000	2000	SEP/1998
	MINIMUM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	YEAR	2001	2001	2000	2001	2001	2001	2001	2001	2000	2001	2001	2001	DEC/2001
	# OBS	4406	4032	4399	4283	4798	4979	5260	5280	4887	4829	4954	5076	57183

STATION: KTNF1 -- POR (5/1995 - 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
1995	MEAN	-	-	-	-	10.2	11.4	9.4	10.3	8.2	10.8	8.6	9.1	9.7
	MAXIMUM	-	-	-	-	30.9	46.5	25.9	31.5	20.8	34.4	26.4	32.7	46.5
	DAY-HR	-	-	-	-	19-22	05-14	17-23	02-17	30-21	04-23	11-16	20-09	JUN
	# OBS	-	-	-	-	408	714	737	740	594	396	713	634	4936
1996	MEAN	11.1	10.4	12.1	10.3	9.2	9.7	12.4	8.7	8.2	10.1	10.9	8.4	10.2
	MAXIMUM	33.4	35.0	42.0	39.5	22.7	25.9	38.9	29.4	27.2	29.7	29.7	29.5	42.0
	DAY-HR	07-13	16-22	19-12	30-04	28-18	27-00	07-18	12-10	17-20	08-00	08-15	19-18	MAR
	# OBS	731	686	740	734	738	717	827	789	715	735	691	738	8841
1997	MEAN	9.7	10.8	10.6	12.1	10.0	10.6	8.8	9.0	8.5	9.0	9.5	10.3	9.9
	MAXIMUM	32.1	26.4	28.0	38.5	26.6	39.9	21.6	30.1	30.1	22.4	25.7	36.7	39.9
	DAY-HR	10-03	21-15	13-16	23-12	03-19	20-13	05-18	08-01	17-22	26-15	29-20	30-04	JUN
	# OBS	734	654	740	710	738	713	732	740	716	738	704	738	8657
1998	MEAN	10.7	13.4	11.3	12.8	11.9	12.4	10.4	8.7	11.3	7.8	7.6	8.2	10.5
	MAXIMUM	36.4	46.1	36.4	32.5	35.8	35.4	35.4	22.9	44.7	26.0	22.6	26.4	46.1
	DAY-HR	16-14	16-02	08-17	09-09	04-15	06-11	04-02	20-18	03-11	01-00	03-14	30-06	FEB
	# OBS	716	667	720	690	716	681	737	772	709	735	690	739	8572
1999	MEAN	9.0	9.0	10.5	10.9	10.3	8.7	8.7	8.9	9.1	9.5	8.1	9.1	9.3
	MAXIMUM	32.1	26.0	32.5	30.7	33.2	22.0	27.6	28.8	23.1	25.3	26.0	26.8	33.2
	DAY-HR	02-17	19-21	14-23	16-01	07-22	30-09	13-07	04-01	15-21	07-16	02-04	21-16	MAY
	# OBS	743	660	718	719	720	716	739	738	717	741	718	740	8669
2000	MEAN	9.3	8.9	10.5	11.8	11.5	9.7	9.8	7.9	9.9	7.6	8.5	9.7	9.6
	MAXIMUM	26.2	24.7	28.4	33.0	30.9	26.4	26.0	36.4	32.1	20.0	35.8	35.8	36.4
	DAY-HR	24-18	14-10	16-15	28-11	28-22	05-21	21-20	12-13	18-01	09-16	25-11	17-11	AUG
	# OBS	739	693	741	713	735	720	744	743	718	740	718	744	8748
2001	MEAN	8.5	8.5	13.4	9.2	10.2	10.2	9.9	8.3	8.1	9.7	8.6	8.1	9.4
	MAXIMUM	27.2	25.3	39.7	29.5	21.6	31.5	36.2	26.2	29.2	26.4	23.9	22.0	39.7

	DAY-HR	20-11	17-08	29-14	16-01	29-19	12-10	24-04	26-18	13-22	14-12	23-23	18-06	MAR
	# OBS	743	672	740	716	743	718	743	744	715	744	720	743	8741
POR	MEAN	9.7	10.2	11.4	11.2	10.5	10.4	9.9	8.8	9.1	9.1	8.8	9.0	9.8
	MAXIMUM	36.4	46.1	42.0	39.5	35.8	46.5	38.9	36.4	44.7	34.4	35.8	36.7	46.5
	YEAR	1998	1998	1996	1996	1998	1995	1996	2000	1998	1995	2000	1997	JUN/1995
	# OBS	4406	4032	4399	4282	4798	4979	5259	5266	4884	4829	4954	5076	57164

STATION: KTNF1 -- POR (1/1996 - 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
1996	MEAN	13.8	12.9	15.2	12.9	11.5	12.2	15.0	11.4	10.5	12.6	13.5	10.7	12.7
	MAXIMUM	38.1	48.8	44.7	43.7	27.2	34.4	46.1	39.1	31.7	36.9	47.8	32.9	48.8
	DAY-HR	12-07	02-22	19-13	30-05	28-18	08-17	05-20	12-14	02-15	08-03	08-15	01-17	FEB
	MINIMUM	1.0	0.4	2.1	1.9	2.5	1.9	2.7	2.1	1.6	1.4	2.5	1.6	0.4
	DAY-HR	14-10	01-05	15-02	18-04	07-14	23-08	01-13	29-10	02-02	24-03	19-03	29-08	FEB
	# OBS	731	687	740	734	761	717	803	789	715	735	691	737	8840
1997	MEAN	12.2	13.4	13.1	15.0	12.2	13.3	11.5	11.5	10.8	11.5	12.0	13.0	12.4
	MAXIMUM	48.4	30.5	30.3	56.0	34.0	44.7	49.2	36.7	35.4	35.4	30.1	36.7	56.0
	DAY-HR	16-10	21-16	31-14	23-11	03-19	20-14	05-16	08-01	26-03	27-03	02-07	30-04	APR
	MINIMUM	1.6	1.6	1.7	2.5	2.1	2.7	2.1	2.3	1.9	2.1	2.3	0.0	0.0
	DAY-HR	22-00	04-00	24-02	05-01	19-04	16-03	11-08	18-04	04-02	22-13	10-10	26-01	DEC
	# OBS	734	654	740	685	714	713	732	716	716	738	704	738	8584
1998	MEAN	13.4	16.5	14.1	15.3	13.9	14.7	12.9	11.1	14.2	10.0	9.5	10.5	13.0
	MAXIMUM	46.5	52.5	39.9	40.4	38.3	39.9	43.4	49.8	55.0	28.6	22.6	29.9	55.0
	DAY-HR	08-02	22-16	19-00	19-17	04-15	06-12	04-02	19-22	03-10	01-00	03-15	30-06	SEP
	MINIMUM	1.9	2.3	2.5	1.9	1.9	1.6	2.3	3.1	1.9	2.1	1.6	0.6	0.6
	DAY-HR	14-09	12-13	24-12	12-09	12-08	22-14	15-06	11-11	13-00	30-06	08-23	01-02	DEC
	# OBS	716	667	720	691	715	681	737	768	709	734	690	739	8567
1999	MEAN	11.4	11.2	12.9	13.2	12.8	11.1	10.9	11.7	11.5	11.9	10.4	11.3	11.7
	MAXIMUM	34.6	34.4	43.2	33.4	35.0	27.2	38.9	36.9	25.9	26.0	31.3	28.8	43.2
	DAY-HR	02-18	18-05	14-13	16-02	07-22	05-18	13-07	09-05	15-22	23-10	02-00	21-16	MAR
	MINIMUM	1.2	1.7	2.1	2.3	1.7	2.9	2.5	1.9	2.3	2.3	1.9	1.2	1.2
	DAY-HR	20-03	27-04	16-06	20-13	09-09	26-03	15-02	18-13	09-09	28-02	29-13	30-04	DEC
	# OBS	767	660	718	719	719	712	739	739	642	741	718	740	8614
2000	MEAN	11.7	11.1	12.9	14.2	13.5	12.2	12.5	10.3	12.7	9.9	11.1	12.4	12.0
	MAXIMUM	31.3	26.4	40.6	36.4	32.9	30.3	38.3	36.4	35.8	23.3	36.2	38.3	40.6
	DAY-HR	20-15	14-06	16-21	28-11	29-00	29-19	14-14	12-13	02-08	09-14	25-10	17-11	MAR
	MINIMUM	0.6	2.3	2.3	2.3	2.9	2.7	2.3	2.1	2.1	1.7	1.9	2.1	0.6
	DAY-HR	17-12	10-13	09-14	16-06	02-04	22-12	27-04	11-13	20-01	16-13	12-23	19-03	JAN
	# OBS	739	693	736	713	735	720	738	743	713	736	697	742	8705
2001	MEAN	10.8	10.7	16.3	11.5	12.4	12.7	12.5	10.6	10.8	12.3	10.9	10.2	11.8
	MAXIMUM	28.8	26.0	47.4	29.5	24.5	40.8	42.0	36.0	29.2	32.7	28.2	32.1	47.4
	DAY-HR	20-13	17-09	29-15	16-01	29-19	12-14	24-05	26-18	13-22	14-13	23-23	18-03	MAR
	MINIMUM	1.4	1.0	2.5	2.3	2.1	1.7	2.9	2.1	2.9	1.2	1.2	2.5	1.0
	DAY-HR	05-05	22-03	24-08	27-08	06-09	11-00	11-01	27-12	20-04	05-00	09-06	01-08	FEB
	# OBS	743	670	739	716	743	718	743	744	714	744	720	743	8737
POR	MEAN	12.2	12.6	14.1	13.7	12.7	12.7	12.6	11.1	11.7	11.4	11.2	11.4	12.3
	MAXIMUM	48.4	52.5	47.4	56.0	38.3	44.7	49.2	49.8	55.0	36.9	47.8	38.3	56.0
	YEAR	1997	1998	2001	1997	1998	1997	1997	1998	1998	1996	1996	2000	APR/1997
	MINIMUM	0.6	0.4	1.7	1.9	1.7	1.6	2.1	1.9	1.6	1.2	1.2	0.0	0.0
	YEAR	2000	1996	1997	1998	1999	1998	1997	1999	1996	2001	2001	1997	DEC/1997
	# OBS	4430	4031	4393	4258	4387	4261	4492	4499	4209	4428	4220	4439	52047

STATION: KTNF1

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		0.8	0.1	0.1	*	0.1	*	-	*	0.1	*	*	*	1.4	61	
1 - 3			2.2	2.6	2.6	1.9	0.6	0.6	0.7	0.5	0.6	0.8	1.5	2.0	16.7	735
4 - 6			4.0	4.7	4.5	2.1	0.6	1.2	1.6	1.1	1.2	1.5	1.7	3.7	27.9	1228
7 - 10			2.1	2.9	6.2	2.9	0.7	2.3	3.2	1.2	1.5	1.9	1.1	2.8	28.8	1268
11 - 15			0.2	0.4	3.3	1.2	0.4	3.6	2.4	0.7	1.0	1.6	1.5	0.7	17.0	750
16 - 20			-	-	0.2	0.2	0.1	1.6	0.7	0.1	0.4	0.8	1.8	0.1	6.0	265
21 - 24			-	-	-	-	*	0.7	0.2	*	0.1	0.2	0.4	-	1.8	79
25 - 33			-	-	-	-	*	0.2	-	*	-	0.1	0.1	-	0.5	20

34 - 47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.8	8.6	10.7	16.9	8.4	2.6	10.2	8.8	3.8	4.7	6.9	8.1	9.5	100.0		
TOTAL N	34	379	471	744	372	113	451	387	166	209	306	357	417		4406	

(* < 0.05%)

STATION: KTNF1

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

Month: FEB

		WIND DIRECTION													TOT %	TOT N
WIND SPEED	CALM	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34			
0	0.5	0.3	0.1	-	*	-	-	0.1	*	*	*	-	*	1.1	43	
1 - 3		2.0	2.4	2.1	1.2	0.7	0.3	0.3	0.6	0.7	0.7	0.6	1.5	13.2	531	
4 - 6		3.8	4.0	4.2	2.0	0.7	0.5	1.0	2.0	1.7	2.0	1.7	2.6	26.3	1061	
7 - 10		2.3	2.7	3.9	2.8	0.5	1.8	3.7	3.1	3.1	3.1	2.1	2.4	31.4	1266	
11 - 15		0.2	1.0	2.0	0.7	0.5	2.5	4.2	2.1	2.7	1.9	1.2	0.6	19.5	787	
16 - 20		-	0.1	0.3	0.4	0.1	1.9	1.1	0.3	0.6	0.7	0.4	*	6.2	248	
21 - 24		-	-	*	0.2	*	0.5	0.1	*	0.1	0.3	0.3	-	1.6	64	
25 - 33		-	-	*	*	-	*	*	-	*	0.2	0.3	-	0.7	29	
34 - 47		-	-	-	0.1	-	-	-	-	-	-	-	-	0.1	3	
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0	
TOTAL %	0.5	8.6	10.3	12.5	7.4	2.6	7.5	10.5	8.3	9.1	8.9	6.7	7.1	100.0		
TOTAL N	21	348	414	506	300	103	303	422	334	367	357	272	285		4032	

(* < 0.05%)

STATION: KTNF1

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

Month: MAR

		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	*	-	-	-	-	*	-	-	-	*	0.1	0.5	22	
1 - 3		1.8	1.9	1.8	1.1	0.3	0.2	0.3	0.3	0.4	0.7	0.5	1.7	11.0	486	
4 - 6		3.1	3.3	3.5	1.8	0.6	0.5	0.7	1.9	1.6	2.0	1.0	2.9	22.9	1007	
7 - 10		2.0	2.3	3.8	2.3	0.9	1.0	2.4	3.2	3.7	3.5	1.8	2.3	29.1	1280	
11 - 15		0.6	0.8	2.5	1.4	0.8	2.2	3.0	2.1	3.5	3.0	1.8	0.7	22.5	990	
16 - 20		*	*	0.4	0.2	0.2	1.0	2.0	1.3	1.5	1.5	1.2	0.1	9.4	415	
21 - 24		-	-	0.1	*	*	0.6	0.6	0.1	0.6	0.6	0.6	-	3.3	146	
25 - 33		-	-	-	*	-	0.2	0.1	*	0.4	0.3	0.1	-	1.2	52	
34 - 47		-	-	-	-	-	-	-	-	-	*	-	-	0.0	1	
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0	
TOTAL %	0.2	7.7	8.3	12.1	6.9	2.9	5.8	9.0	9.0	11.7	11.6	7.0	7.8	100.0		
TOTAL N	10	339	367	533	302	126	253	397	395	516	511	306	344		4399	

(* < 0.05%)

STATION: KTNF1

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

Month: APR

		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	-	*	*	0.1	-	-	*	*	*	*	*	0.6	25	
1 - 3		1.7	2.5	2.6	1.0	0.3	0.1	0.2	0.5	0.4	0.6	0.3	0.9	11.1	477	
4 - 6		2.5	2.6	3.8	3.2	0.7	0.4	0.5	1.3	1.8	2.3	0.9	2.9	22.7	974	
7 - 10		2.0	2.3	2.6	2.9	0.9	0.8	2.9	4.3	4.6	3.5	1.4	2.4	30.7	1315	
11 - 15		0.2	0.3	1.2	0.7	0.2	1.8	3.9	2.5	4.0	3.1	1.5	0.9	20.2	867	
16 - 20		*	-	0.2	0.2	0.1	1.5	2.6	1.7	2.4	1.5	1.0	*	11.1	477	
21 - 24		-	-	-	-	-	0.2	0.8	0.3	1.0	0.3	0.2	*	2.8	118	
25 - 33		-	-	-	-	-	*	0.3	*	0.3	-	-	-	0.7	28	
34 - 47		-	-	-	-	-	-	-	*	-	-	-	-	0.0	2	
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0	
TOTAL %	0.2	6.4	7.7	10.4	8.0	2.2	4.7	11.3	10.7	14.6	11.3	5.3	7.2	100.0		
TOTAL N	7	276	331	447	341	96	201	483	457	625	483	227	309		4283	

(* < 0.05%)

STATION: KTNF1

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

Month: MAY

		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	*	-	*	-	*	*	*	*	*	0.5	23	
1 - 3		1.3	2.2	3.2	1.0	0.4	0.1	0.1	0.4	0.3	0.5	0.1	0.8	10.4	499	
4 - 6		1.7	3.1	4.4	4.1	0.7	0.3	0.5	1.1	1.9	1.9	1.0	1.4	22.2	1063	
7 - 10		1.2	1.8	5.3	3.8	0.5	0.6	1.9	5.2	6.7	5.3	1.6	0.6	34.5	1657	

11 - 15	0.1	0.2	1.1	0.7	0.1	0.4	1.5	5.2	8.6	4.4	1.0	*	23.3	1116
16 - 20	-	*	0.1	0.1	-	0.2	0.7	2.0	3.6	0.9	0.2	-	7.8	372
21 - 24	-	-	-	-	-	0.1	0.1	0.2	0.8	-	-	*	1.2	58
25 - 33	-	-	-	-	-	*	0.1	*	0.1	-	-	-	0.2	10
34 - 47	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.2	4.3	7.4	14.1	9.7	1.7	1.7	4.8	14.3	22.1	13.0	4.0	2.8	100.0
TOTAL N	8	208	355	676	466	80	82	229	684	1060	624	191	135	4798
(* < 0.05%)														

STATION: KTNF1

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

Month: JUN

WIND DIRECTION															
WIND SPEED	CALM	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34	TOT %	TOT N
0	0.2	*	*	-	-	0.1	0.1	*	*	-	*	-	-	0.4	22
1 - 3		1.4	2.1	2.7	1.3	0.5	0.2	0.3	0.5	0.6	0.3	0.6	0.9	11.4	568
4 - 6		1.3	3.3	5.7	3.5	1.1	0.4	0.7	1.6	2.0	1.8	0.9	1.4	23.7	1180
7 - 10		0.6	1.8	6.0	3.9	0.8	0.4	1.3	5.4	7.0	4.8	1.6	0.4	33.9	1688
11 - 15		*	0.5	1.9	0.7	0.1	0.3	1.5	4.2	8.0	3.5	0.7	0.1	21.4	1064
16 - 20		-	*	0.3	0.2	*	*	0.4	1.8	3.7	0.9	0.1	-	7.5	374
21 - 24		-	-	-	*	-	*	0.1	0.2	0.6	0.1	-	-	1.1	53
25 - 33		-	-	-	-	*	*	*	0.1	0.2	0.1	*	-	0.5	23
34 - 47		-	-	-	-	-	-	*	*	0.1	*	-	-	0.1	7
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.2	3.4	7.8	16.5	9.6	2.7	1.4	4.3	13.8	22.1	11.5	3.9	2.9	100.0	
TOTAL N	9	167	390	823	479	133	68	215	687	1100	572	194	142		4979
(* < 0.05%)															

STATION: KTNF1

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

Month: JUL

WIND DIRECTION															
WIND SPEED	CALM	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34	TOT %	TOT N
0	0.1	*	*	*	*	*	*	0.1	-	-	-	*	*	0.4	22
1 - 3		1.2	2.3	3.3	2.0	0.6	0.3	0.2	0.6	0.6	0.7	0.6	0.6	13.1	687
4 - 6		0.8	2.2	5.7	4.3	1.3	0.6	0.9	1.9	3.1	2.0	1.3	1.2	25.2	1326
7 - 10		0.2	0.5	3.4	3.8	0.6	0.7	2.3	5.9	9.4	4.1	1.5	0.4	32.7	1719
11 - 15		0.1	*	0.5	0.8	0.2	0.3	1.1	3.3	9.5	3.9	0.9	*	20.6	1083
16 - 20		-	*	*	0.1	*	0.1	0.6	1.6	3.5	0.9	0.1	*	6.8	357
21 - 24		-	-	-	-	-	-	0.1	0.2	0.6	*	0.1	-	1.0	53
25 - 33		-	-	-	-	-	-	*	0.1	*	-	*	-	0.2	10
34 - 47		-	-	-	-	-	-	-	-	*	*	-	-	0.1	3
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.1	2.3	5.1	13.0	10.9	2.7	1.9	5.3	13.6	26.7	11.6	4.5	2.3	100.0	
TOTAL N	7	120	267	682	575	140	101	281	713	1406	611	236	121		5260
(* < 0.05%)															

STATION: KTNF1

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

Month: AUG

WIND DIRECTION															
WIND SPEED	CALM	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34	TOT %	TOT N
0	0.1	*	*	-	*	-	*	*	0.1	-	-	-	*	0.3	18
1 - 3		1.7	3.2	3.6	1.7	0.7	0.4	0.4	0.6	0.8	0.5	0.5	0.9	15.1	795
4 - 6		1.8	4.5	8.2	4.6	1.3	0.5	1.0	2.4	2.6	2.5	0.9	1.4	31.6	1668
7 - 10		0.7	2.0	5.6	4.0	0.8	0.3	1.5	4.7	8.1	5.6	1.3	0.3	34.6	1829
11 - 15		*	0.3	1.3	0.7	0.3	0.3	0.8	2.2	5.9	2.5	0.7	*	15.0	792
16 - 20		-	0.1	0.2	0.1	0.2	0.2	0.1	0.4	1.3	0.3	0.1	-	2.9	155
21 - 24		-	-	0.1	0.1	*	*	-	0.1	0.1	*	-	-	0.4	21
25 - 33		*	-	-	*	-	-	-	-	-	-	-	-	0.0	2
34 - 47		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.1	4.2	10.1	18.9	11.2	3.2	1.6	3.8	10.4	18.8	11.4	3.5	2.6	100.0	
TOTAL N	7	224	535	1000	591	169	87	198	551	991	602	186	139		5280
(* < 0.05%)															

STATION: KTNF1

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

Month: SEP

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	0.2	*	0.1	0.1	*	-	-	*	0.1	*	-	*	1.0	50
1 - 3		1.9	2.9	3.2	2.3	0.6	0.2	0.4	0.4	0.3	0.4	0.3	1.1	14.1	688
4 - 6		2.3	5.6	9.4	6.2	1.0	0.8	0.6	1.1	1.5	1.9	0.8	1.5	32.9	1608
7 - 10		1.0	3.8	9.7	5.7	0.9	0.7	2.1	2.1	4.1	3.2	1.1	0.6	35.0	1712
11 - 15		0.5	1.2	3.3	1.6	0.3	0.7	0.8	1.1	1.9	1.4	0.5	0.1	13.4	655
16 - 20		0.1	*	0.3	0.2	0.1	0.4	0.1	0.6	0.3	0.1	0.1	0.1	2.5	123
21 - 24		*	-	-	0.1	-	0.2	0.1	0.1	0.1	*	-	-	0.5	26
25 - 33		-	-	*	*	*	0.1	0.1	-	*	*	-	-	0.4	19
34 - 47		-	-	-	-	-	*	*	*	*	-	-	-	0.1	6
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.5	6.1	13.6	26.0	16.2	2.8	3.2	4.3	5.5	8.3	7.2	2.8	3.4	100.0	
TOTAL N	25	298	666	1269	794	139	154	210	270	408	350	137	167		4887
(* < 0.05%)															

STATION: KTNF1

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

Month: OCT

		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	0.3	0.1	*	*	-	-	*	*	0.1	-	-	-	0.1	0.6	30
1 - 3		2.7	4.7	2.7	0.8	0.2	0.2	0.2	0.4	0.4	0.5	0.7	1.2	14.6	707
4 - 6		3.6	11.8	8.5	1.8	0.3	0.2	0.4	0.6	1.2	2.2	1.3	2.0	33.9	1636
7 - 10		2.6	8.2	11.3	2.8	0.9	0.7	0.8	1.0	2.7	2.9	1.1	1.0	35.9	1732
11 - 15		0.5	2.7	3.3	1.3	0.4	0.9	0.6	0.6	0.7	0.7	0.5	0.2	12.4	599
16 - 20		*	0.3	0.5	0.1	0.1	0.5	0.1	0.1	0.1	0.1	0.1	-	2.1	99
21 - 24		-	-	*	*	0.1	0.1	*	*	-	-	-	-	0.3	13
25 - 33		-	-	-	-	0.1	0.1	0.1	*	-	-	-	-	0.3	13
34 - 47		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.3	9.4	27.8	26.2	6.8	2.0	2.7	2.3	2.8	5.0	6.4	3.7	4.5	100.0	
TOTAL N	13	454	1342	1266	330	97	132	112	134	242	311	177	219		4829
(* < 0.05%)															

STATION: KTNF1

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

Month: NOV

		WIND DIRECTION													
WIND SPEED	CALM	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34	TOT %	TOT N
0	0.5	0.1	0.1	0.1	*	*	-	-	*	-	-	-	0.1	0.8	42
1 - 3		2.7	4.5	2.9	1.2	0.5	0.3	0.4	0.3	0.4	0.7	0.7	1.6	16.3	809
4 - 6		4.7	8.0	6.6	3.2	0.7	0.9	0.9	1.2	1.4	2.2	1.6	3.2	34.6	1713
7 - 10		3.4	5.7	6.5	3.5	0.7	1.9	1.9	0.9	1.4	2.4	1.3	2.5	32.2	1593
11 - 15		0.4	1.3	2.2	0.9	0.3	2.6	1.4	0.5	0.7	1.0	1.2	0.5	12.9	640
16 - 20		-	0.1	0.1	*	0.1	1.0	0.2	0.2	0.2	0.4	0.3	*	2.6	129
21 - 24		-	*	0.1	-	-	0.2	*	*	*	0.1	*	-	0.5	25
25 - 33		-	-	-	-	-	0.1	-	-	-	-	-	-	0.1	3
34 - 47		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.5	11.3	19.7	18.4	8.9	2.3	7.0	4.9	3.2	4.1	6.8	5.0	7.9	100.0	
TOTAL N	25	560	974	913	441	115	346	241	160	204	336	250	389		4954
(* < 0.05%)															

STATION: KTNF1

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

Month: DEC

		WIND DIRECTION													
WIND SPEED	CALM	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34	TOT %	TOT N
0	0.8	0.1	0.1	0.1	-	*	*	0.1	-	*	-	0.1	*	1.4	69
1 - 3		2.4	3.8	2.9	1.5	0.9	0.4	0.5	0.8	0.6	0.9	1.1	1.9	17.8	904
4 - 6		4.7	6.5	6.5	2.8	0.7	1.4	1.0	0.9	1.2	1.6	1.6	4.0	32.9	1672
7 - 10		2.8	4.0	6.6	3.0	0.8	2.0	2.3	0.8	0.8	2.4	1.6	2.9	29.9	1519
11 - 15		0.5	0.6	2.6	0.9	0.3	2.7	0.9	0.1	0.5	1.6	1.6	0.5	12.7	644
16 - 20		-	*	0.2	0.1	0.1	1.1	0.3	*	0.2	0.7	1.0	*	3.7	190
21 - 24		-	-	-	-	-	0.4	*	-	0.1	0.4	0.3	-	1.2	59
25 - 33		-	-	-	-	-	*	-	-	*	0.2	0.1	-	0.4	19
34 - 47		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.8	10.5	15.1	18.9	8.3	2.7	8.1	5.1	2.7	3.5	7.7	7.4	9.3	100.0	
TOTAL N	40	532	764	957	421	137	410	258	139	177	393	375	473		5076
(* < 0.05%)															

STATION: KTNF1

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

All Months: Annual

WIND SPEED	CALM	WIND DIRECTION												TOT %	TOT N
		35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
0	0.4	0.1	*	*	*	*	*	*	*	*	*	*	*	0.7	427
1 - 3		1.9	3.0	2.8	1.4	0.5	0.3	0.3	0.5	0.5	0.6	0.6	1.3	13.8	7886
4 - 6		2.8	5.0	6.0	3.3	0.8	0.6	0.8	1.4	1.8	2.0	1.2	2.3	28.2	16136
7 - 10		1.7	3.2	6.0	3.5	0.7	1.1	2.1	3.2	4.5	3.6	1.4	1.5	32.5	18578
11 - 15		0.3	0.8	2.1	1.0	0.3	1.5	1.8	2.1	4.0	2.4	1.1	0.3	17.5	9987
16 - 20		*	0.1	0.2	0.2	0.1	0.8	0.7	0.8	1.5	0.7	0.5	*	5.6	3204
21 - 24		*	*	*	*	*	0.2	0.2	0.1	0.3	0.2	0.1	*	1.3	715
25 - 33		*	-	*	*	*	0.1	0.1	*	0.1	0.1	0.1	-	0.4	228
34 - 47		-	-	-	*	-	*	*	*	*	*	-	-	0.0	22
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.4	6.8	12.0	17.2	9.5	2.5	4.5	6.0	8.2	12.8	9.5	5.1	5.5	100.0	
TOTAL N	206	3905	6876	9816	5412	1448	2588	3433	4690	7305	5456	2908	3140		57183

(* < 0.05%)

STATION: KTNF1

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

Months: DEC, JAN, FEB (Winter)

WIND SPEED	CALM	WIND DIRECTION												TOT %	TOT N
		35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
0	0.7	0.2	0.1	*	*	*	*	0.1	*	*	*	*	*	1.3	173
1 - 3		2.2	3.0	2.6	1.5	0.8	0.5	0.5	0.7	0.6	0.8	1.1	1.8	16.1	2170
4 - 6		4.2	5.2	5.2	2.3	0.6	1.1	1.2	1.3	1.4	1.7	1.7	3.5	29.3	3961
7 - 10		2.4	3.3	5.6	2.9	0.7	2.0	3.0	1.6	1.7	2.4	1.6	2.7	30.0	4053
11 - 15		0.3	0.6	2.6	1.0	0.4	2.9	2.4	0.9	1.3	1.7	1.5	0.6	16.1	2181
16 - 20		-	*	0.3	0.2	0.1	1.5	0.7	0.1	0.4	0.7	1.1	0.1	5.2	703
21 - 24		-	-	*	0.1	*	0.5	0.1	*	0.1	0.3	0.3	-	1.5	202
25 - 33		-	-	*	*	*	0.1	*	*	*	0.2	0.2	-	0.5	68
34 - 47		-	-	-	*	-	-	-	-	-	-	-	-	0.0	3
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.7	9.3	12.2	16.3	8.1	2.6	8.6	7.9	4.7	5.6	7.8	7.4	8.7	100.0	
TOTAL N	95	1259	1649	2207	1093	353	1164	1067	639	753	1056	1004	1175		13514

(* < 0.05%)

STATION: KTNF1

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

Months: MAR, APR, MAY (Spring)

WIND SPEED	CALM	WIND DIRECTION												TOT %	TOT N
		35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
0	0.2	0.1	*	*	*	*	*	*	*	*	*	*	0.1	0.5	70
1 - 3		1.6	2.2	2.5	1.0	0.3	0.1	0.2	0.4	0.4	0.6	0.3	1.1	10.8	1462
4 - 6		2.4	3.0	3.9	3.0	0.7	0.4	0.6	1.4	1.8	2.1	1.0	2.4	22.6	3044
7 - 10		1.7	2.1	4.0	3.0	0.7	0.8	2.4	4.3	5.1	4.1	1.6	1.7	31.5	4252
11 - 15		0.3	0.4	1.6	0.9	0.4	1.4	2.8	3.4	5.5	3.5	1.4	0.5	22.1	2973
16 - 20		*	*	0.2	0.1	0.1	0.9	1.7	1.7	2.6	1.3	0.8	*	9.4	1264
21 - 24		-	-	*	*	*	0.3	0.5	0.2	0.8	0.3	0.2	*	2.4	322
25 - 33		-	-	-	*	-	0.1	0.1	*	0.3	0.1	*	-	0.7	90
34 - 47		-	-	-	-	-	-	-	*	-	*	-	-	0.0	3
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.2	6.1	7.8	12.3	8.2	2.2	4.0	8.2	11.4	16.3	12.0	5.4	5.8	100.0	
TOTAL N	25	823	1053	1656	1109	302	536	1109	1536	2201	1618	724	788		13480

(* < 0.05%)

STATION: KTNF1

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

Months: JUN, JUL, AUG (Summer)

WIND SPEED	CALM	WIND DIRECTION												TOT %	TOT N
		35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
0	0.1	*	*	*	*	*	*	*	*	-	*	*	*	0.4	62
1 - 3		1.4	2.5	3.2	1.7	0.6	0.3	0.3	0.6	0.7	0.5	0.6	0.8	13.2	2050
4 - 6		1.3	3.4	6.6	4.1	1.2	0.5	0.9	2.0	2.6	2.1	1.1	1.3	26.9	4174
7 - 10		0.5	1.4	5.0	3.9	0.7	0.4	1.7	5.3	8.2	4.8	1.5	0.4	33.7	5236
11 - 15		*	0.3	1.2	0.7	0.2	0.3	1.1	3.2	7.8	3.3	0.8	*	18.9	2939
16 - 20		-	*	0.2	0.1	0.1	0.1	0.4	1.3	2.8	0.7	0.1	*	5.7	886
21 - 24		-	-	*	*	*	*	0.1	0.1	0.4	0.1	*	-	0.8	127
25 - 33		*	-	-	*	*	*	*	0.1	0.1	*	*	-	0.2	35
34 - 47		-	-	-	-	-	-	*	*	*	*	-	-	0.1	10
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.1	3.3	7.7	16.1	10.6	2.8	1.6	4.5	12.6	22.5	11.5	4.0	2.6	100.0	
TOTAL N	23	511	1192	2505	1645	442	256	694	1951	3497	1785	616	402		15519

(* < 0.05%)

STATION: KTNF1

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

Months: SEP, OCT, NOV (Autumn)

WIND SPEED	WIND DIRECTION													TOT %	TOT N
	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	0.4	0.1	*	*	*	*	*	*	*	*	*	-	0.1	0.8	122
1 - 3		2.4	4.0	2.9	1.5	0.4	0.2	0.3	0.4	0.4	0.5	0.6	1.3	15.0	2204
4 - 6		3.5	8.4	8.1	3.7	0.7	0.6	0.7	1.0	1.4	2.1	1.3	2.2	33.8	4957
7 - 10		2.4	5.9	9.1	4.0	0.8	1.1	1.6	1.3	2.7	2.8	1.1	1.3	34.3	5037
11 - 15		0.5	1.7	2.9	1.2	0.3	1.4	0.9	0.7	1.1	1.0	0.7	0.3	12.9	1894
16 - 20		*	0.2	0.3	0.1	0.1	0.6	0.1	0.3	0.2	0.2	0.2	*	2.4	351
21 - 24		*	*	*	*	*	0.1	0.1	*	*	*	*	-	0.4	64
25 - 33		-	-	*	*	*	0.1	0.1	*	*	*	-	-	0.2	35
34 - 47		-	-	-	-	-	*	*	*	*	-	-	-	0.0	6
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.4	8.9	20.3	23.5	10.7	2.4	4.3	3.8	3.8	5.8	6.8	3.8	5.3	100.0	
TOTAL N	63	1312	2982	3448	1565	351	632	563	564	854	997	564	775		14670

(* < 0.05%)

Summary complete: 09-Sep-2003 00:15:29