

STATION: DESWL

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

ELEMENT: AIR TEMPERATURE (DEGREES C) -- POR: (8/1984 - 12/2001) (142423 RECORDS, 94.1% 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
29	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	#	-	-	-	-	3	#
28	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999
27	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	999	-	-	-	-	1	999
26	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	999	-	-	-	-	1	999
25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	999	-	-	-	-	1	999
24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	#	1	999	-	-	-	-	2	999
23	2	#	-	-	-	-	-	-	-	-	2	#	-	-	1	#	7	999	8	999	-	-	-	-	20	999
22	13	999	-	-	-	-	2	#	4	#	6	999	1	#	4	999	33	999	12	999	-	-	4	#	79	999
21	18	999	-	-	-	-	2	999	5	999	11	999	4	999	14	999	79	997	41	998	-	-	12	999	186	999
20	21	997	-	-	-	-	4	999	10	999	11	998	20	999	19	998	130	990	49	995	1	#	9	999	274	998
19	6	995	-	-	-	-	4	999	8	998	16	997	27	998	44	997	218	979	72	991	2	999	9	998	406	996
18	8	995	-	-	-	-	18	999	22	998	49	996	75	996	185	993	277	961	98	985	13	999	10	997	755	993
17	14	994	4	#	-	-	9	997	41	996	92	992	235	989	473	978	441	938	77	977	11	999	10	997	1407	988
16	24	993	16	999	2	#	24	997	112	992	183	984	673	970	1065	940	805	902	166	971	35	998	16	996	3121	978
15	39	991	17	998	9	999	42	994	225	983	576	967	1490	913	2004	853	1440	835	360	958	100	995	52	995	6354	956
14	31	988	24	996	34	999	79	991	453	964	1441	917	2474	787	2599	689	1775	716	898	929	161	987	93	991	10062	911
13	56	985	94	994	74	996	188	984	910	925	2547	790	2907	579	2690	476	2299	570	1942	858	377	973	135	983	14219	841
12	88	981	183	985	196	990	533	967	1815	848	2942	567	2326	335	2032	257	2170	380	2526	703	1093	942	205	973	16109	741
11	349	973	418	968	530	973	1274	921	2541	693	2062	308	1274	139	840	91	1321	200	2447	502	1441	851	537	957	15034	628
10	942	944	834	928	1349	928	2259	809	2642	477	980	127	332	32	212	22	682	91	1689	308	1931	732	1134	915	14986	522
9	1550	865	1535	848	2088	813	2434	611	1634	252	368	41	38	4	45	5	298	35	1011	173	1963	572	1707	827	14671	417
8	2061	735	1657	701	2516	635	2044	398	791	113	79	8	5	*	11	1	99	10	619	93	1815	409	1829	695	13526	314
7	1868	563	1571	543	2016	420	1218	219	336	45	12	1	-	-	-	-	24	2	316	43	1237	259	1797	553	10395	219
6	1449	407	1141	393	1249	248	748	112	139	17	3	*	-	-	-	-	1	*	135	18	820	156	1600	414	7285	146
5	1179	285	951	284	820	142	370	46	47	5	2	*	-	-	-	-	-	-	61	8	377	88	1394	290	5201	95
4	900	187	733	193	525	72	127	14	9	1	-	-	-	-	-	-	-	-	26	3	217	57	1044	182	3581	58
3	704	111	477	123	234	27	31	3	-	-	-	-	-	-	-	-	-	-	4	1	121	39	571	101	2142	33
2	346	52	295	77	46	7	2	*	-	-	-	-	-	-	-	-	-	-	4	*	68	29	279	57	1040	18
1	139	23	261	49	14	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	53	23	110	35	577	11
0	59	12	107	24	9	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	83	19	105	26	363	7
-1	48	7	44	14	10	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	73	12	56	18	231	4
-2	19	3	19	9	7	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	32	6	38	14	115	3
-3	5	1	6	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15	3	42	11	68	2
-4	9	1	7	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16	2	45	8	77	1
-5	-	-	26	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10	1	40	4	76	1
-6	-	-	12	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14	1	26	*
-7	-	-	26	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	*	27	*
-8	-	-	2	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	*
MEAN	6.9		6.8		7.7		8.9		10.6		12.3		13.2		13.7		13.3		11.4		8.8		6.9		10.1	
S.D.	2.8		2.9		2.1		2.0		2.0		1.7		1.6		1.7		2.4		2.4		2.8		3.0		3.5	
TOTAL	11947		10460		11728		11412		11744		11382		11881		12238		12100		12568		12065		12898		142423	
MAX	23.0		17.0		15.9		22.4		22.3		23.1		22.3		23.1		23.8		29.0		19.6		22.0		29.0	
DATE	1997010203		1992022623		1994032921		1987042703		1993052402		1995063017		1995071721		1996082918		1996092321		1996100920		1996111113		1996123115		1996100920	
MIN	-4.3		-7.6		-2.1		2.3		4.1		5.0		7.6		7.9		6.1		2.1		-5.4		-6.5		-7.6	
DATE	1996013010		1989020317		1989030216		2001041414		1996050913		1999060213		1985072713		1996081016		1992091413		1984103113		1985112215		1990122112		1989020317	

(* < 0.05% , # = 100.0%)

STATION: DESWL

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

ELEMENT: SEA LEVEL PRESSURE (MILLIBARS) -- POR: (8/1984 - 12/2001) (141250 RECORDS, 93.3% 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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	#	2	#	
1039	5	#	2	#	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	21	999	28	999
1038	12	999	19	999	-	-	12	#	-	-	-	-	-	-	-	-	-	-	-	-	3	#	32	998	78	999	
1037	28	999	19	998	-	-	7	999	-	-	-	-	-	-	-	-	-	-	-	-	15	999	63	996	132	999	
1036	22	996	20	996	-	-	10	998	-	-	-	-	-	-	-	-	-	-	3	#	12	999	105	991	172	998	
1035	43	994	23	994	9	#	4	997	1	#	-	-	-	-	-	-	-	-	10	999	15	998	124	983	229	997	
1034	55	991	21	992	15	999	19	997	8	999	-	-	-	-	-	-	-	-	53	999	43	996	135	973	349	995	
1033	111	986	38	990	37	998	28	995	9	999	-	-	-	-	-	-	-	-	36	995	60	993	191	963	510	993	
1032	164	977	56	986	71	995	43	993	4	998	-	-	-	-	-	-	-	-	56	992	76	988	212	948	682	989	
1031	173	963	128	981	122	989	44	989	6	998	17	#	1	#	-	-	-	-	73	987	94	981	278	931	936	985	
1030	221	949	154	969	96	978	64	985	18	998	28	998	14	999	-	-	4	#	134	982	132	974	311	910	1176	978	
1029	270	930	194	954	247	970	141	979	31	996	19	996	20	999	9	#	17	999	155	971	179	963	347	886	1629	970	
1028	253	908	202	936	227	949	198	967	101	993	30	994	50	997	10	999	47	998	201	959	231	948	429	859	1979	958	
1027	301	886	255	916	230	929	324	949	141	985	73	991	78	993	11	998	74	994	218	943	243	929	385	826	2333	944	
1026	436	861	327	892	265	909	366	920	185	973	223	985	153	986	50	998	171	988	328	925	325	909	346	796	3175	928	

1025	336	825	391	860	296	887	363	887	337	957	361	964	249	973	136	993	206	974	363	899	366	882	467	769	3871	905
1024	317	796	398	823	453	861	445	854	486	928	402	931	430	951	264	982	348	957	509	870	357	851	433	733	4842	878
1023	327	770	361	785	445	822	441	815	573	887	649	894	659	914	455	961	562	928	621	830	435	822	465	699	5993	843
1022	389	743	347	750	547	784	509	775	581	838	662	834	967	858	817	924	715	882	749	780	506	786	494	663	7283	801
1021	458	710	364	717	548	737	465	729	725	789	760	773	1017	775	1074	857	694	823	746	721	494	744	491	625	7836	749
1020	455	672	480	682	532	690	497	688	709	727	910	703	1146	687	1332	769	994	765	796	661	615	703	495	587	8961	694
1019	440	633	429	636	536	644	595	643	917	667	899	619	1260	589	1401	660	1056	683	772	598	611	652	428	548	9344	630
1018	423	597	379	595	527	598	684	590	881	588	980	536	1120	480	1266	546	1103	596	791	537	607	601	495	515	9256	564
1017	455	561	464	559	535	553	710	528	902	513	833	446	1071	384	1133	442	1008	505	795	474	623	551	488	477	9017	499
1016	506	523	353	515	566	507	644	465	806	437	777	369	1030	292	1003	349	1038	421	707	410	560	499	414	439	8404	435
1015	488	481	395	481	555	458	599	407	695	368	734	297	780	203	981	267	891	336	713	354	564	453	410	407	7805	375
1014	454	440	408	443	480	411	591	353	738	309	599	229	628	136	725	187	792	262	716	297	543	406	367	375	7041	320
1013	478	402	397	404	497	369	616	300	619	246	503	174	376	82	477	128	720	196	458	240	437	361	395	347	5973	270
1012	400	362	318	366	545	327	489	245	531	193	416	128	278	50	350	89	493	137	341	204	394	325	335	316	4890	228
1011	445	328	286	336	540	280	372	201	338	148	266	90	176	26	277	60	323	96	348	177	405	292	355	290	4131	193
1010	423	291	299	308	333	234	337	168	321	119	207	65	72	11	180	38	203	69	330	149	372	258	386	262	3463	164
1009	294	256	302	280	360	205	273	137	256	92	180	46	25	5	133	23	152	53	265	123	292	228	298	233	2830	140
1008	323	231	301	251	309	174	251	113	210	70	128	29	8	3	59	12	136	40	242	102	258	203	322	209	2547	120
1007	242	204	222	222	237	147	256	90	156	52	66	18	11	2	35	7	73	29	178	83	266	182	288	184	2030	102
1006	242	184	250	201	219	127	188	67	125	39	52	11	11	1	18	4	39	23	138	68	255	160	267	162	1804	87
1005	224	163	213	177	175	108	152	51	93	28	26	7	-	-	19	3	41	20	114	57	213	139	200	141	1470	74
1004	218	145	201	156	139	93	128	37	66	20	13	4	-	-	5	1	31	16	93	48	235	121	166	126	1295	64
1003	225	126	179	137	155	81	63	25	51	15	12	3	-	-	3	1	39	14	82	41	221	102	168	113	1198	55
1002	207	107	186	120	113	68	63	20	35	10	9	2	-	-	1	1	29	10	74	34	153	83	173	100	1043	46
1001	183	90	151	102	88	58	37	14	18	7	6	1	-	-	1	1	14	8	82	28	176	71	184	87	940	39
1000	133	75	129	88	96	51	29	11	20	6	4	1	-	-	1	1	16	7	46	22	107	56	117	72	698	32
999	114	64	124	76	77	42	19	8	18	4	2	*	-	-	2	1	12	6	35	18	97	47	98	63	598	27
998	110	54	92	64	51	36	21	7	11	3	-	-	-	-	3	*	5	5	25	16	70	39	88	56	476	23
997	98	45	92	55	41	31	14	5	8	2	-	-	-	-	2	*	3	4	28	14	72	33	83	49	441	20
996	64	37	91	46	38	28	11	3	6	1	-	-	-	-	-	-	5	4	36	11	52	27	63	42	366	17
995	76	31	64	37	32	25	11	2	4	1	-	-	-	-	-	-	7	3	17	8	43	23	63	38	317	14
994	71	25	59	31	45	22	5	1	2	*	-	-	-	-	-	-	9	3	16	7	37	19	47	33	291	12
993	57	19	54	26	24	18	3	1	-	-	-	-	-	-	-	-	13	2	13	6	28	16	50	29	242	10
992	44	14	34	20	19	16	7	1	-	-	-	-	-	-	-	-	7	1	17	5	33	14	53	25	214	8
991	42	11	44	17	20	14	1	*	-	-	-	-	-	-	-	-	6	*	14	3	20	11	43	21	190	7
990	26	7	37	13	14	13	-	-	-	-	-	-	-	-	-	-	-	-	5	2	18	10	34	18	134	5
989	14	5	21	9	27	11	-	-	-	-	-	-	-	-	-	-	-	-	5	2	16	8	43	15	126	4
988	15	4	14	7	21	9	-	-	-	-	-	-	-	-	-	-	-	-	6	2	12	7	30	12	98	3
987	9	2	21	6	8	7	-	-	-	-	-	-	-	-	-	-	-	-	5	1	9	6	27	9	79	3
986	3	2	4	4	19	7	-	-	-	-	-	-	-	-	-	-	-	-	4	1	10	5	13	7	53	2
985	-	-	9	4	10	5	-	-	-	-	-	-	-	-	-	-	-	-	3	*	6	4	8	6	36	2
984	1	1	4	3	18	4	-	-	-	-	-	-	-	-	-	-	-	-	1	*	5	4	8	6	37	2
983	2	1	4	2	10	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12	3	8	5	36	1
982	-	-	4	2	4	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12	2	13	4	33	1
981	-	-	4	2	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	1	14	3	23	1
980	4	1	4	1	5	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	1	8	2	28	1
979	9	1	3	1	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	1	4	2	21	*
978	-	-	3	1	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	*	1	1	9	*
977	1	*	3	*	1	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	*	-	-	8	*
976	-	-	-	-	1	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	1	3	*
975	-	-	-	-	1	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	*
974	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	1	*
973	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	*
972	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	1	2	*
971	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	1	*
970	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	1	*
969	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	1	2	*
968	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	1	*
967	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	1	*
966	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	*	2	*
965	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	*
964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	*	1	*
963	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	*	1	*
962	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	*	1	*
961	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	*	1	*
MEAN	1015.5	1014.9	1015.7	1016.9	1016.9	1017.8	1018.6	1017.6	1017.6	1017.1	1017.3	1015.5	1017.0	1016.7												
S.D.	9.9	9.9	8.6	6.8	5.5	4.6	3.7	3.7	4.8	7.1	8.9	10.8	7.5													
TOTAL	11939	10450	11639	11149	11742	10846	11630	12233	12096	12566	12062	12898	141250													
MAX	1039.4	1038.7	1035.4	1038.0	1034.5	1031.1	1030.5	1029.3	1029.9	1036.1	1037.7	1039.6	1039.6													
DATE	1988012318	1989020519	2000033117	199																						

	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	
79	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	#
78	-	-	-	-	1	#	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	#
77	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999
76	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999
75	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999
74	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999
73	-	-	-	-	1	999	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	999
72	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999
71	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999
70	-	-	-	-	1	999	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	999
69	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	#	-	-	1	999
68	-	-	-	-	1	999	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	999	-	-	2	999
67	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	999	-	-	1	999
66	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999
65	1	#	-	-	2	999	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	999	-	-	4	999
64	2	999	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	999
63	1	999	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	999
62	-	-	-	-	3	999	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	999	1	#	5	999
61	3	999	-	-	3	999	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	999	2	999	10	999
60	2	999	-	-	2	999	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	999	5	999
59	5	999	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	999	6	999
58	1	999	-	-	2	999	-	-	-	-	-	-	-	-	-	-	-	-	1	#	2	999	1	999	7	999	
57	2	999	-	-	2	999	-	-	-	-	-	-	-	1	#	-	-	-	3	999	8	999	1	999	17	999	
56	2	999	1	#	2	998	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	999	8	999	17	999	
55	2	998	-	-	7	998	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	998	5	999	19	999	
54	4	998	5	999	6	998	-	-	-	-	-	-	-	1	999	-	-	-	3	999	10	998	4	998	33	999	
53	6	998	3	999	3	997	-	-	-	-	-	-	-	-	-	-	-	-	2	999	7	997	7	998	28	999	
52	5	997	9	999	3	997	-	-	1	#	-	-	-	-	-	-	-	-	2	999	8	997	9	998	37	999	
51	10	997	2	998	5	997	-	-	-	-	1	#	-	-	1	999	-	-	1	999	7	996	8	997	35	999	
50	6	996	13	998	7	996	1	#	-	-	1	999	-	-	-	-	-	-	-	-	12	995	10	996	50	998	
49	7	996	9	997	10	996	2	999	-	-	1	999	-	-	-	-	-	-	1	999	11	995	20	996	61	998	
48	15	995	19	996	18	995	4	999	-	-	-	-	-	-	-	-	-	8	999	18	994	17	994	99	998		
47	20	994	16	994	17	993	-	-	1	999	-	-	-	-	2	999	-	-	5	998	28	992	28	993	117	997	
46	17	992	15	993	13	992	3	999	-	-	1	999	-	-	1	999	-	-	8	998	22	990	32	991	112	996	
45	28	991	25	991	12	991	6	999	-	-	-	-	-	-	1	999	-	-	13	997	29	988	33	988	147	995	
44	31	988	22	989	9	990	6	999	1	999	-	-	-	-	2	999	1	#	14	996	18	986	27	986	131	994	
43	31	986	23	987	25	989	8	998	1	998	2	999	-	-	2	999	2	999	21	995	30	985	33	984	178	994	
42	32	983	21	984	20	987	9	997	3	999	-	-	-	-	1	999	2	999	16	994	40	982	43	981	187	992	
41	38	980	30	982	18	985	10	997	1	999	4	999	1	#	1	999	2	999	27	993	48	979	52	978	232	991	
40	64	977	35	980	57	984	18	996	1	999	2	999	-	-	7	999	3	999	46	991	57	975	92	974	382	990	
39	64	972	47	976	44	979	14	994	5	999	1	999	1	999	6	998	-	-	50	987	59	971	80	967	371	987	
38	62	966	40	972	41	975	18	993	5	999	5	999	1	999	6	998	3	999	54	983	77	966	78	961	390	984	
37	62	961	48	968	35	971	28	992	3	998	5	999	-	-	3	998	12	999	47	979	70	960	85	955	398	982	
36	91	956	71	963	51	968	22	989	6	998	2	998	1	999	8	997	8	998	44	976	72	955	115	949	491	979	
35	97	948	62	956	52	964	40	987	10	998	7	998	1	999	12	997	10	997	53	972	89	949	149	940	582	976	
34	94	940	58	950	80	960	36	984	9	997	14	997	2	999	10	996	13	997	59	968	107	942	140	929	622	972	
33	100	932	79	945	77	953	54	981	20	996	14	996	11	999	10	995	11	996	81	964	149	934	171	919	777	968	
32	129	923	86	937	92	946	68	977	25	994	22	995	5	999	17	994	25	995	77	958	154	922	173	906	873	962	
31	114	912	84	929	93	938	82	971	46	992	25	993	16	998	19	993	14	993	74	952	160	910	195	893	922	956	
30	139	903	98	921	123	930	85	964	49	989	24	991	20	997	23	991	30	992	88	947	156	897	210	878	1045	950	
29	137	891	133	912	136	920	90	957	53	985	42	989	28	995	41	990	40	989	110	940	177	885	236	862	1223	943	
28	195	879	159	899	153	908	109	949	84	980	47	986	36	993	41	987	35	986	117	932	219	871	221	845	1416	935	
27	191	863	151	884	135	895	128	940	78	973	46	982	32	990	54	983	49	983	138	923	194	854	212	828	1408	925	
26	251	846	199	869	261	884	167	929	126	967	70	978	61	988	79	979	54	980	157	912	282	839	278	812	1985	916	
25	217	825	169	850	196	862	189	915	140	956	100	972	77	983	72	973	61	975	143	901	269	817	284	791	1917	902	
24	262	807	190	834	208	845	198	900	153	945	111	964	77	977	92	968	83	971	158	890	249	796	242	770	2023	889	
23	270	785	210	816	267	827	223	883	175	932	137	954	120	971	112	960	99	964	199	878	297	776	321	751	2430	876	
22	274	762	265	795	265	804	252	864	228	917	151	943	142	961	114	952	128	956	206	863	338	753	289	727	2652	859	
21	331	738	273	770	324	782	291	843	267	899	208	930	174	950	122	943	143	946	240	847	385	726	303	706	3061	841	
20	306	710	240	744	305	754	280	819	287	876	238	913	181	936	152	934	150	935	223	829	380	696	309	683	3051	820	
19	379	684	333	721	427	728	403	795	379	853	332	893	282	921	260	922	222	923	314	813	460	666	401	660	4192	800	
18	321	652	294	689	369	692	366	761	334	821	356	866	286	899	260	902	192	906	290	789	397	630	339	629	3804	771	
17	313	625	274	661	363	660	357	731	348	794	366	836	300	876	236	882	255	891	281	767	364	599	331	604	3788	745	
16	328	598	301	634	426	629	428	701	456	765	431	806	351	852	313	864	342	871	340	746	433	571	346	579	4495	720	
15	350	571	309	606	404	593	513	665	490	727	511	770	406	825	338	839	338	844	374	720	416	537	385	553</			

S.D.	10.6	10.1	9.6	8.1	7.0	6.5	6.2	6.6	6.4	9.1	10.4	11.1	9.0
TOTAL	11787	10424	11719	11912	12065	12011	12573	12969	12779	13285	12754	13294	147572
MAX	64.5	56.4	78.3	49.8	51.7	51.1	40.8	57.2	44.1	57.9	68.6	61.8	78.3
DATE	1999012913	2000022215	1995031418	1991040313	1996051803	1988060222	1998071422	1991082919	1988091901	1996101721	1998112405	2001121410	1995031418
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	2001012808	2001021322	2001030905	2001042505	2001053110	2001060312	2000072909	2001082615	2001093017	2001102822	2001111001	2001122418	2001122418

(* < 0.05% , # = 100.0%)

STATION: DESWL

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

(HIGHEST 5-SECOND AVERAGE DURING PAST HOUR)

ELEMENT: HOURLY PEAK WIND GUST (KNOTS) -- POR: (1/1998 - 12/2001) (33315 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	
80	-	-	1	#	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	#	
79	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999
78	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999
77	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999
76	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999
75	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999
74	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999
73	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999
72	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999
71	1	#	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	#	-	-	2	999	
70	1	999	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	#	2	999	-	-	4	999	
69	1	999	-	-	1	#	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	999	
68	1	999	1	999	1	999	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	999	-	-	4	999	
67	1	998	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	999	-	-	3	999	
66	-	-	-	-	1	999	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	998	1	#	5	999	
65	2	998	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	997	2	999	5	999	
64	4	997	-	-	3	999	-	-	-	-	-	-	-	-	-	-	-	-	1	999	3	996	1	999	12	999	
63	2	996	2	999	2	998	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	995	1	999	11	999	
62	1	995	1	998	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	994	-	-	3	999	
61	2	994	-	-	1	997	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	994	2	998	7	998	
60	-	-	2	998	3	997	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	993	2	998	13	998	
59	2	994	4	997	2	996	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	991	5	997	16	998	
58	2	993	2	995	2	995	-	-	-	-	-	-	-	-	-	-	-	-	3	999	3	990	1	995	13	997	
57	3	992	7	995	3	994	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	989	2	995	18	997	
56	4	991	3	992	1	993	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	988	4	994	15	996	
55	3	989	5	991	8	993	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	987	5	993	26	996	
54	4	988	8	988	6	990	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	985	4	991	27	995	
53	4	986	2	985	3	988	-	-	-	-	-	-	-	-	-	-	-	-	2	998	6	983	5	990	22	994	
52	7	985	5	984	5	987	-	-	-	-	-	-	-	-	-	-	-	-	2	998	6	981	9	988	34	994	
51	5	982	9	982	5	986	-	-	-	-	-	-	-	-	-	-	-	-	2	997	4	979	8	985	33	993	
50	10	980	13	979	5	984	-	-	-	-	-	-	-	-	-	-	-	-	2	996	15	977	11	982	56	992	
49	6	976	11	973	8	982	-	-	-	-	-	-	-	-	-	-	-	-	5	996	8	972	17	979	55	990	
48	5	974	19	969	4	979	3	#	-	-	-	-	-	-	-	-	-	-	6	994	14	969	12	973	63	988	
47	16	972	16	961	5	978	3	999	-	-	-	-	-	-	-	-	-	-	5	992	15	964	20	969	80	986	
46	12	965	14	954	1	976	1	998	-	-	-	-	-	-	-	-	-	-	5	990	15	959	23	962	71	984	
45	6	960	19	949	5	976	2	998	-	-	-	-	-	-	-	-	-	-	2	988	14	954	24	954	72	982	
44	6	958	8	941	12	974	4	997	1	#	-	-	-	-	-	-	-	-	2	988	10	949	21	946	64	980	
43	12	956	12	937	15	970	5	995	-	-	-	-	2	#	2	#	-	-	17	987	15	945	18	939	98	978	
42	27	951	12	932	14	965	8	994	2	999	2	#	1	999	3	999	1	#	16	981	17	940	26	933	129	975	
41	16	940	26	928	13	960	7	991	-	-	-	-	1	999	2	998	1	999	23	976	13	934	22	924	124	971	
40	39	934	24	917	19	956	4	988	2	999	2	999	-	-	5	998	2	999	18	968	27	930	42	917	184	967	
39	21	918	22	907	28	949	8	987	3	998	1	999	-	-	1	996	-	-	13	962	23	920	38	903	158	962	
38	27	909	28	898	22	939	5	984	4	997	-	-	1	999	1	995	3	999	15	957	29	912	41	890	176	957	
37	22	899	28	886	21	932	9	982	2	995	3	998	-	-	4	995	4	998	11	952	27	902	35	876	166	952	
36	26	890	18	875	22	925	11	979	2	995	4	997	-	-	2	994	3	996	30	949	28	892	46	864	192	947	
35	28	879	31	867	31	917	12	975	4	994	4	996	2	998	1	993	5	995	14	938	45	882	56	848	233	941	
34	30	868	31	855	31	906	11	971	7	992	5	994	2	998	1	993	4	993	18	934	40	866	46	829	226	934	
33	37	856	50	842	43	896	22	967	21	989	5	992	3	997	3	992	7	992	32	927	59	852	58	814	340	927	
32	44	841	46	821	44	881	22	959	11	981	2	991	6	996	10	991	6	990	23	917	53	832	52	794	319	917	
31	33	824	46	802	40	866	23	951	7	977	4	990	6	994	10	988	11	987	29	909	55	813	47	777	311	907	
30	65	811	68	783	42	852	29	943	25	974	11	988	7	992	11	984	14	984	29	899	52	793	47	761	400	898	
29	51	785	50	755	60	837	31	933	20	964	9	984	15	989	12	981	15	979	39	889	48	775	63	745	413	886	
28	61	764	74	735	57	817	41	922	27	957	9	981	8	984	15	976	15	973	34	876	55	758	56	723	452	874	
27	48	740	47	704	65	797	35	908	45	946	11	978	14	981	22	971	26	968	29	864	46	739	51	704	439	860	
26	91	720	68	685	76	775	45	895	52	928	30	974	29	977	36	964	28	959	52	854	76	723	81	687	664	847	
25	77	684	57	657	61	749	47	879	50	908	22	963	28	967	33	951	26	949	44	837	53	696	73	660	571	827	
24	58	653	55	634	71	728	49	863	65	888	28	955	25	957	33	940	36	940	35	822	63	677	53	635	571	810	
23	75	630	58	611	72	703	67	845	69	863	36	945	39	948	37	928	29	928	52	810	91	655	69	617	694	793	
22	64	600	54	587	88	678	81	821	60	836	46	931	49	935	43	915	48	917	58	792	99	623	62	594	752	772	
21	76	574	51	565	84	648	83	793	62	812	70	915	63	918	45	900	44	901	63	772	105	588	71	573	817	749	
20	70	544	45	544	78	619	77	763	67	788	66	889	6														

17	54	451	50	470	79	518	91	668	81	693	102	784	87	805	82	807	64	814	99	678	63	472	76	468	928	639
16	80	429	57	450	85	491	116	636	100	661	108	747	101	775	108	778	96	791	103	644	69	449	70	442	1093	611
15	74	397	72	426	105	462	110	595	131	622	134	707	125	741	112	741	98	758	94	609	67	425	85	418	1207	578
14	74	368	48	396	95	426	104	556	117	570	123	658	126	698	136	702	81	724	94	577	77	401	60	389	1135	542
13	97	338	76	377	118	393	136	519	131	525	167	613	167	654	137	655	123	695	105	545	77	374	68	369	1402	508
12	92	299	97	345	156	352	189	471	177	473	200	552	175	597	179	607	163	652	160	510	139	347	94	346	1821	466
11	80	262	103	305	141	299	158	404	163	404	175	479	178	537	157	545	140	595	172	455	113	298	85	314	1665	411
10	74	230	109	263	127	250	188	348	122	340	169	415	174	475	158	490	182	546	157	396	93	258	113	285	1666	361
9	80	201	109	218	142	206	176	282	145	292	176	354	175	415	196	436	213	483	163	343	122	226	137	247	1834	311
8	95	169	101	173	134	157	161	219	138	236	187	290	222	355	204	368	214	408	198	287	141	183	155	201	1950	256
7	92	131	98	132	97	111	157	162	107	182	130	221	182	279	179	297	212	333	147	220	122	133	94	148	1617	197
6	87	94	94	91	95	78	132	107	88	140	171	174	185	216	202	235	251	259	176	170	121	90	120	116	1722	149
5	83	59	76	53	77	45	94	60	116	105	150	111	198	152	189	165	236	171	171	110	88	47	102	76	1580	97
4	37	26	41	21	44	19	28	27	52	60	98	57	130	84	142	99	147	89	96	52	27	16	69	41	911	50
3	18	11	9	5	3	3	22	17	29	40	44	21	72	39	98	50	77	37	41	19	14	7	29	18	456	22
2	7	4	2	1	7	2	5	9	12	28	10	5	32	14	31	16	26	10	12	5	4	2	22	8	170	9
1	2	1	-	-	-	-	1	7	1	23	3	1	8	3	1	5	3	1	1	1	1	*	1	1	22	4
0	-	-	-	-	-	-	19	7	59	23	-	-	2	1	13	5	-	-	2	1	-	-	1	*	96	3
MEAN	20.7		20.9		19.0		15.2		14.3		12.6		11.9		11.9		11.6		15.5		20.4		20.8		16.1	
S.D.	12.1		12.6		11.0		8.3		7.6		6.3		6.9		6.9		6.8		10.2		12.5		12.9		10.4	
TOTAL	2497		2429		2903		2823		2554		2739		2904		2881		2858		2936		2837		2954		33315	
MAX	70.6		79.5		69.2		48.4		43.7		42.2		43.0		43.2		41.8		70.0		70.6		66.3		79.5	
DATE	1999012913	1998021019	1999030310	2001042915	2001051412	2000061119	1998071500	2001082119	1999092505	1999102720	2001112006	2001121411	1998021019													
MIN	0.6		1.9		1.6		0.0		0.0		1.2		0.0		0.0		1.4		0.0		1.2		0.0		0.0	
DATE	2001012721	2001022812	1999031323	2001040619	1998051614	1999063015	1999071707	1999081407	2001090911	1999100303	2000110702	2000120603	2001040619													

ELEMENT SUMMARY FOR STATION: DESWL
(A) TOTAL STDMET RECORDS READ = 151433
(B) TOTAL CWIND RECORDS READ = 203747
(C) TOTAL RECORDS USED IN STATS = 355180

(D) ELEMENT RECORDS AVAILABLE	AIR TMP	SEA TMP	AIR-SEA	DEWPT	SLP	AVWS	PKGS-8M	PKGS-5S	SIGWVHT	AVWVPD	DWVPD	VSBY
(E) ELEMENT OUT OF RANGE	142423	0	0	0	141250	147705	147572	33315	0	0	0	0
	9010	151433	151433	151433	10183	3728	3861	170432	151433	151433	151433	151433

STATION: DESWL -- POR (8/1984 - 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
1984	MEAN	-	-	-	-	-	-	-	14.0	13.5	10.2	8.4	4.8	9.8
	MAXIMUM	-	-	-	-	-	-	-	17.9	22.6	15.6	12.4	9.5	22.6
	DAY-HR	-	-	-	-	-	-	-	22-22	15-02	08-00	17-18	14-16	SEP
	MINIMUM	-	-	-	-	-	-	-	9.3	7.5	2.1	3.2	-0.2	-0.2
	DAY-HR	-	-	-	-	-	-	-	28-13	24-14	31-13	30-14	20-13	DEC
	# OBS	-	-	-	-	-	-	-	432	716	744	691	742	3325
1985	MEAN	6.0	5.2	5.9	8.0	10.4	12.1	12.9	13.4	12.8	10.5	4.2	5.0	8.9
	MAXIMUM	10.0	11.5	9.2	18.0	19.1	19.4	18.2	18.9	16.2	14.0	11.7	12.2	19.4
	DAY-HR	05-01	14-10	09-02	07-03	17-02	18-16	10-19	17-02	28-03	05-02	03-03	04-22	JUN
	MINIMUM	1.1	0.1	2.5	2.8	4.4	8.1	7.6	8.8	9.0	4.0	-5.4	-3.7	-5.4
	DAY-HR	01-16	05-01	07-14	20-13	12-12	28-12	27-13	26-16	22-16	29-13	22-15	01-16	NOV
	# OBS	740	670	737	714	743	719	740	692	718	743	718	727	8661
1986	MEAN	8.1	6.1	8.8	7.7	10.2	12.5	12.6	12.6	12.2	11.5	8.9	7.7	9.9
	MAXIMUM	16.6	13.8	14.6	12.7	17.6	17.4	16.0	17.6	16.6	16.2	12.3	13.3	17.6
	DAY-HR	13-06	27-18	20-20	14-23	31-15	13-15	08-23	07-12	01-18	11-21	27-04	22-10	AUG
	MINIMUM	2.8	-2.8	4.0	3.0	5.8	8.5	9.8	8.2	8.6	7.6	3.9	2.7	-2.8
	DAY-HR	28-14	19-12	22-14	30-13	05-15	02-11	04-09	06-13	14-13	15-16	10-09	03-13	FEB
	# OBS	744	665	736	719	737	717	743	741	718	741	692	741	8694
1987	MEAN	6.6	8.4	8.4	9.4	10.5	11.6	12.8	12.4	12.4	12.2	10.2	6.0	10.1
	MAXIMUM	11.2	16.4	15.8	22.4	20.1	17.1	16.7	20.7	18.1	23.0	16.9	12.7	23.0
	DAY-HR	30-03	08-13	31-19	27-03	08-16	03-21	31-21	31-22	30-23	01-01	19-22	03-07	OCT
	MINIMUM	0.3	2.6	4.1	4.8	5.0	7.9	9.7	8.4	8.3	7.3	2.6	0.9	0.3
	DAY-HR	15-14	28-18	28-13	19-13	19-12	02-12	17-11	22-13	10-14	18-14	17-12	15-16	JAN
	# OBS	738	671	743	718	741	714	743	743	682	739	719	744	8695
1988	MEAN	6.2	7.2	7.6	8.7	10.6	11.7	12.7	12.8	11.7	11.8	8.9	7.3	9.8
	MAXIMUM	12.8	12.7	12.4	14.8	20.5	16.3	21.3	19.5	20.3	17.5	13.2	14.7	21.3
	DAY-HR	27-08	29-22	01-04	27-18	10-21	09-20	19-16	23-21	03-04	02-02	30-23	03-20	JUL
	MINIMUM	1.0	-0.4	3.1	3.8	4.6	7.4	8.9	9.1	7.2	5.8	2.8	1.8	-0.4
	DAY-HR	03-09	01-12	27-13	08-13	04-11	05-12	26-11	31-14	24-12	27-13	24-14	26-09	FEB
	# OBS	744	695	744	716	741	720	739	739	690	742	719	739	8728
1989	MEAN	5.8	3.1	6.3	9.6	10.8	12.7	14.0	13.6	13.7	11.4	9.3	7.5	9.9

	MAXIMUM	9.2	9.9	12.0	20.5	17.6	19.8	17.6	16.7	22.5	16.3	12.6	14.1	22.5
	DAY-HR	30-20	21-12	20-21	29-20	05-21	23-21	19-20	15-20	09-06	17-20	09-12	02-10	SEP
	MINIMUM	-0.1	-7.6	-2.1	4.3	5.5	8.0	10.8	10.5	8.7	5.3	4.3	2.1	-7.6
	DAY-HR	31-23	03-17	02-16	01-11	12-12	11-13	05-12	29-13	18-14	29-15	22-12	17-06	FEB
	# OBS	741	653	695	703	704	673	731	739	720	743	718	738	8558
1990	MEAN	7.5	5.1	7.7	9.4	10.4	12.5	14.0	14.5	15.4	10.9	9.2	4.1	10.1
	MAXIMUM	12.5	13.7	14.0	15.0	15.6	16.7	19.0	18.4	19.7	15.2	13.4	10.7	19.7
	DAY-HR	13-00	28-21	17-01	11-00	05-07	21-22	20-20	28-21	22-16	04-08	09-07	08-06	SEP
	MINIMUM	1.8	-1.7	1.5	5.5	5.7	8.5	9.0	10.9	9.0	7.1	3.9	-6.5	-6.5
	DAY-HR	31-16	14-07	08-12	05-14	08-12	05-12	19-13	08-14	30-14	19-14	30-17	21-12	DEC
	# OBS	742	669	738	713	741	715	740	742	715	742	719	742	8718
1991	MEAN	5.5	8.4	6.5	8.0	10.1	11.2	13.0	13.2	13.7	10.2	9.0	8.1	9.7
	MAXIMUM	10.4	14.1	10.6	14.9	19.0	15.2	20.4	17.5	22.6	17.5	12.5	13.5	22.6
	DAY-HR	18-06	27-03	16-21	30-19	01-21	27-00	23-21	07-17	26-02	06-02	07-22	26-18	SEP
	MINIMUM	1.0	4.0	1.7	3.6	6.2	6.7	9.0	9.0	7.8	3.9	4.3	2.8	1.0
	DAY-HR	04-15	21-15	05-14	11-13	23-13	05-13	06-13	06-14	21-12	30-15	14-13	14-13	JAN
	# OBS	743	672	744	720	744	720	743	736	715	743	717	743	8740
1992	MEAN	8.1	9.0	9.5	10.2	11.6	12.7	14.0	13.9	11.9	11.5	9.2	5.6	10.6
	MAXIMUM	14.3	17.0	13.2	16.9	18.0	16.8	18.0	22.0	20.7	17.4	13.1	10.1	22.0
	DAY-HR	25-04	26-23	30-21	24-18	24-15	30-23	17-22	12-21	30-21	01-00	01-00	14-07	AUG
	MINIMUM	2.0	2.8	4.5	3.4	5.1	9.0	10.5	9.8	6.1	4.3	3.3	0.8	0.8
	DAY-HR	07-16	19-15	18-12	07-14	12-12	05-12	30-05	29-13	14-13	15-14	24-11	31-14	DEC
	# OBS	739	686	738	693	742	717	737	740	715	736	707	736	8686
1993	MEAN	4.3	6.4	8.1	9.4	12.5	13.4	13.7	14.7	11.6	11.4	7.4	7.2	10.0
	MAXIMUM	11.4	16.7	13.5	15.4	22.3	17.5	17.4	21.5	17.7	16.0	12.9	11.7	22.3
	DAY-HR	31-19	04-22	31-23	20-16	24-02	05-17	31-21	04-12	27-18	10-01	03-06	25-03	MAY
	MINIMUM	-1.6	-0.6	2.6	4.5	7.1	9.3	10.7	10.2	7.1	7.8	-2.8	2.8	-2.8
	DAY-HR	11-15	17-14	16-14	04-14	09-13	22-14	25-13	25-14	20-14	08-05	23-13	06-06	NOV
	# OBS	734	641	733	720	742	714	740	733	709	742	714	738	8660
1994	MEAN	8.0	5.9	8.1	9.6	11.4	12.9	12.7	15.7	13.6	10.8	7.1	6.4	10.2
	MAXIMUM	12.8	9.8	15.9	13.7	15.8	17.1	18.4	19.5	19.1	15.8	10.9	12.5	19.5
	DAY-HR	22-22	16-12	29-21	17-22	06-16	20-18	20-11	15-21	22-18	03-02	19-19	24-04	AUG
	MINIMUM	3.7	0.5	1.0	6.1	5.6	9.2	8.8	11.6	9.6	6.7	2.5	-0.5	-0.5
	DAY-HR	27-15	08-16	22-14	14-14	01-13	19-12	11-12	26-13	26-14	29-13	18-13	04-13	DEC
	# OBS	741	649	736	717	738	714	722	733	712	741	709	737	8649
1995	MEAN	7.9	8.1	8.1	9.0	11.0	12.7	14.8	13.7	15.1	11.8	10.1	7.8	10.8
	MAXIMUM	13.6	14.6	14.4	13.2	15.0	23.1	22.3	18.0	20.9	17.0	13.9	13.5	23.1
	DAY-HR	20-23	07-23	30-20	28-19	22-01	30-17	17-21	31-17	01-17	20-04	21-12	12-22	JUN
	MINIMUM	2.2	-0.6	1.9	3.8	7.1	8.6	11.0	10.1	11.1	4.9	4.7	1.6	-0.6
	DAY-HR	01-14	13-16	05-14	14-13	19-13	03-12	11-13	07-06	13-10	31-14	02-15	06-16	FEB
	# OBS	739	668	741	718	716	717	742	741	712	739	713	741	8687
1996	MEAN	6.0	6.7	8.1	9.5	10.0	12.1	13.0	12.9	18.4	16.2	11.8	12.1	11.4
	MAXIMUM	11.2	13.2	14.5	16.1	14.1	16.8	20.5	23.1	23.8	29.0	19.6	22.0	29.0
	DAY-HR	15-04	16-20	08-19	14-21	13-00	03-06	13-16	29-18	23-21	09-20	11-13	31-15	OCT
	MINIMUM	-4.3	-0.7	3.0	4.6	4.1	7.2	9.3	7.9	12.8	9.6	4.4	5.9	-4.3
	DAY-HR	30-10	03-16	25-13	02-14	09-13	16-12	11-13	10-16	04-14	30-15	23-12	03-02	JAN
	# OBS	736	691	739	735	740	715	839	790	716	732	689	735	8857
1997	MEAN	17.8	-	-	-	-	-	-	-	-	-	-	7.0	10.2
	MAXIMUM	23.0	-	-	-	-	-	-	-	-	-	-	10.4	23.0
	DAY-HR	02-03	-	-	-	-	-	-	-	-	-	-	29-06	JAN
	MINIMUM	13.4	-	-	-	-	-	-	-	-	-	-	3.9	3.9
	DAY-HR	05-16	-	-	-	-	-	-	-	-	-	-	26-11	DEC
	# OBS	138	-	-	-	-	-	-	-	-	-	-	333	471
1998	MEAN	7.2	8.4	8.4	8.8	10.9	12.4	13.8	14.3	12.5	12.0	9.7	6.2	10.4
	MAXIMUM	15.9	15.7	13.3	13.5	16.6	15.3	18.3	18.2	17.2	19.4	13.0	11.6	19.4
	DAY-HR	29-08	07-02	21-05	28-18	29-02	12-18	21-18	15-21	06-23	21-22	15-21	13-04	OCT
	MINIMUM	-2.2	2.3	1.8	3.6	5.6	8.7	11.0	9.3	8.9	7.1	4.9	-4.5	-4.5
	DAY-HR	11-11	27-15	28-14	08-14	16-13	16-12	09-14	31-14	23-10	19-15	30-16	20-15	DEC
	# OBS	719	669	708	689	700	682	717	777	709	741	717	738	8566
1999	MEAN	6.9	7.1	6.5	7.9	9.4	11.9	12.2	13.8	12.0	10.3	9.5	7.7	9.7
	MAXIMUM	10.0	12.5	12.6	20.5	18.1	18.6	18.9	18.0	20.4	14.2	15.6	11.5	20.5
	DAY-HR	14-16	20-22	20-02	16-20	23-17	12-06	09-16	16-23	13-18	21-18	29-18	24-01	APR
	MINIMUM	2.9	2.8	1.8	3.4	4.2	5.0	8.7	10.7	7.4	5.8	4.7	3.9	1.8
	DAY-HR	24-10	05-22	06-15	09-13	08-11	02-13	20-09	31-15	27-14	27-11	05-13	26-03	MAR
	# OBS	741	402	716	719	744	719	734	735	715	726	688	738	8377
2000	MEAN	5.9	7.2	7.5	9.1	10.7	12.3	13.1	13.3	13.9	11.5	7.8	6.9	9.9
	MAXIMUM	11.1	14.5	11.6	15.9	16.9	19.9	17.4	18.0	18.7	18.7	11.7	11.0	19.9
	DAY-HR	30-19	07-08	13-21	27-06	14-02	28-00	31-22	01-00	21-23	07-03	03-00	25-22	JUN
	MINIMUM	1.0	2.8	3.3	4.0	5.7	8.5	9.7	9.8	9.7	6.9	2.6	0.7	0.7
	DAY-HR	12-01	13-15	06-15	07-14	07-13	02-13	03-12	28-13	11-14	30-15	11-12	13-14	DEC
	# OBS	726	687	740	701	729	708	727	742	719	730	716	743	8668
2001	MEAN	7.7	6.3	7.6	8.0	9.9	11.4	12.1	13.4	12.3	10.7	9.1	7.2	9.6

	MAXIMUM	14.5	11.1	13.9	12.4	16.2	16.2	15.5	17.2	16.1	20.6	14.9	12.2	20.6
	DAY-HR	08-03	02-00	07-03	25-22	22-20	26-16	18-21	28-20	02-00	05-02	19-08	27-12	OCT
	MINIMUM	2.2	0.8	2.7	2.3	4.9	7.3	9.5	10.6	8.4	4.7	3.2	2.9	0.8
	DAY-HR	16-14	07-14	04-10	14-14	06-13	03-13	07-12	15-15	27-14	28-15	28-12	04-18	FEB
	# OBS	742	672	740	717	742	718	744	683	719	744	719	743	8683
POR	MEAN	6.9	6.8	7.7	8.9	10.6	12.3	13.2	13.7	13.3	11.4	8.8	6.9	10.1
	MAXIMUM	23.0	17.0	15.9	22.4	22.3	23.1	22.3	23.1	23.8	29.0	19.6	22.0	29.0
	YEAR	1997	1992	1994	1987	1993	1995	1995	1996	1996	1996	1996	1996	OCT/1996
	MINIMUM	-4.3	-7.6	-2.1	2.3	4.1	5.0	7.6	7.9	6.1	2.1	-5.4	-6.5	-7.6
	YEAR	1996	1989	1989	2001	1996	1999	1985	1996	1992	1984	1985	1990	FEB/1989
	# OBS	11947	10460	11728	11412	11744	11382	11881	12238	12100	12568	12065	12898	142423

STATION: DESWL -- POR (8/1984 - 12/2001)

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

ELEMENT: SEA LEVEL PRESSURE (MILLIBARS)

YEAR	ELEMENT	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1984	MEAN	-	-	-	-	-	-	-	1017.5	1016.5	1014.9	1008.8	1015.6	1014.5
	MAXIMUM	-	-	-	-	-	-	-	1023.0	1027.3	1028.7	1028.0	1038.5	1038.5
	DAY-HR	-	-	-	-	-	-	-	19-19	27-19	23-07	21-17	31-18	DEC
	MINIMUM	-	-	-	-	-	-	-	1010.6	1006.8	996.7	977.3	996.3	977.3
	DAY-HR	-	-	-	-	-	-	-	27-11	11-14	12-15	02-11	12-08	NOV
	# OBS	-	-	-	-	-	-	-	433	716	744	691	742	3326
1985	MEAN	1023.9	1020.8	1016.9	1018.7	1017.2	1019.7	1018.5	1017.9	1016.5	1015.9	1016.5	1023.3	1018.8
	MAXIMUM	1037.1	1034.9	1028.1	1029.3	1029.4	1031.1	1025.6	1024.3	1025.9	1030.7	1026.7	1034.4	1037.1
	DAY-HR	01-06	25-19	12-19	12-18	14-22	08-19	01-00	02-23	20-15	03-17	23-06	17-18	JAN
	MINIMUM	1014.5	998.0	987.5	1001.5	1005.8	1006.4	1009.5	1009.2	1002.4	986.4	1000.2	981.6	981.6
	DAY-HR	07-22	08-02	27-05	23-05	03-02	07-11	30-14	17-03	06-07	22-08	09-22	02-23	DEC
	# OBS	740	670	735	714	743	719	740	692	718	743	718	728	8660
1986	MEAN	1013.1	1011.4	1015.1	1018.7	1016.0	1017.0	1020.1	1017.2	1014.5	1018.6	1019.1	1017.6	1016.6
	MAXIMUM	1031.6	1030.4	1030.2	1030.9	1028.1	1026.7	1028.7	1025.5	1024.0	1028.6	1033.7	1032.0	1033.7
	DAY-HR	06-18	06-18	19-08	18-18	08-19	08-19	20-06	03-21	01-00	04-20	10-08	08-18	NOV
	MINIMUM	990.6	977.1	990.7	1001.8	1006.5	1006.5	1010.7	1010.9	991.0	1002.3	991.9	999.1	977.1
	DAY-HR	17-03	15-23	07-13	25-02	05-12	03-02	04-10	15-02	24-11	30-02	18-11	22-12	FEB
	# OBS	744	666	736	719	737	718	743	741	718	741	690	741	8694
1987	MEAN	1016.6	1016.0	1013.8	1018.0	1016.9	1018.9	1015.9	1019.1	1018.6	1020.0	1016.9	1015.0	1017.1
	MAXIMUM	1036.6	1033.0	1032.8	1032.5	1027.3	1030.9	1025.4	1027.1	1027.7	1031.6	1033.8	1039.3	1039.3
	DAY-HR	15-17	19-21	27-18	19-23	05-18	02-11	31-23	17-19	16-17	04-19	25-19	12-18	DEC
	MINIMUM	990.4	992.5	996.0	1004.4	999.1	1007.8	1005.8	1008.1	1008.4	1008.5	997.9	988.0	988.0
	DAY-HR	03-09	01-08	03-07	30-23	30-12	21-00	18-11	13-12	14-13	31-13	30-16	01-09	DEC
	# OBS	738	671	743	718	741	714	743	743	682	738	719	744	8694
1988	MEAN	1017.2	1023.1	1021.6	1014.8	1016.8	1017.9	1020.2	1017.7	1018.7	1018.4	1010.5	1019.5	1018.0
	MAXIMUM	1039.4	1036.0	1032.4	1034.4	1027.7	1027.3	1030.5	1025.0	1028.6	1028.7	1035.6	1039.4	1039.4
	DAY-HR	23-18	19-19	10-17	08-19	01-19	29-21	17-19	18-20	11-17	08-18	29-19	15-07	DEC
	MINIMUM	992.5	1003.0	999.3	995.2	999.8	1003.8	1008.1	1012.3	1002.5	1007.4	985.1	996.0	985.1
	DAY-HR	16-01	13-01	23-06	02-23	28-10	02-20	12-17	16-11	25-07	13-11	22-15	20-19	NOV
	# OBS	744	695	744	716	741	720	739	739	690	742	719	739	8728
1989	MEAN	1020.0	1022.5	1012.2	1017.4	1018.8	1017.3	1019.8	1017.0	1016.6	1018.0	1018.8	1023.5	1018.5
	MAXIMUM	1035.0	1038.7	1028.4	1031.1	1028.2	1029.9	1026.5	1023.6	1025.6	1034.6	1032.1	1036.4	1038.7
	DAY-HR	12-01	05-19	19-23	07-20	19-19	21-02	05-21	13-22	03-04	28-19	15-05	11-10	FEB
	MINIMUM	1009.9	1003.4	995.0	1001.7	1003.0	1008.3	1011.2	1006.5	1006.7	994.9	1001.0	1006.9	994.9
	DAY-HR	09-23	01-15	09-23	01-22	17-17	28-12	16-14	21-23	17-15	21-14	26-02	04-04	OCT
	# OBS	741	654	695	701	704	677	731	739	720	743	718	738	8561
1990	MEAN	1013.9	1016.5	1018.2	1016.0	1015.9	1015.2	1018.5	1017.4	1019.0	1017.7	1017.3	1020.3	1017.3
	MAXIMUM	1030.6	1031.3	1028.9	1029.8	1028.7	1021.7	1026.0	1024.5	1025.7	1033.4	1030.5	1036.6	1036.6
	DAY-HR	24-05	22-08	23-23	30-17	03-19	07-23	13-17	06-18	30-05	08-17	06-10	23-18	DEC
	MINIMUM	987.1	986.1	993.8	996.4	998.0	1006.7	1013.8	1010.7	1011.0	1002.0	1001.1	1000.4	986.1
	DAY-HR	30-01	01-02	10-02	23-03	20-07	06-13	24-12	15-13	14-12	27-23	24-21	04-12	FEB
	# OBS	740	669	650	455	740	171	499	742	717	742	719	742	7586
1991	MEAN	1021.3	1017.1	1010.9	1018.5	1018.3	1018.6	1019.8	1017.4	1019.8	1019.2	1018.8	1016.8	1018.0
	MAXIMUM	1034.1	1030.1	1029.6	1034.6	1026.1	1026.5	1025.3	1024.0	1029.9	1034.8	1035.3	1033.3	1035.3
	DAY-HR	20-18	23-19	29-09	11-19	10-19	17-17	28-18	25-21	23-19	30-15	30-02	13-18	NOV
	MINIMUM	1002.4	986.9	982.2	1003.0	1003.1	1008.3	1010.2	1005.3	1012.0	998.7	980.3	997.0	980.3
	DAY-HR	12-14	28-23	01-16	24-03	29-23	28-03	15-11	27-13	06-12	16-12	17-05	18-13	NOV
	# OBS	743	672	744	720	744	720	743	736	715	742	717	743	8739
1992	MEAN	1014.6	1012.4	1016.2	1015.3	1018.7	1015.5	1017.7	1018.6	1017.1	1015.7	1019.0	1013.3	1016.2
	MAXIMUM	1028.3	1031.1	1029.2	1028.5	1028.4	1023.9	1025.0	1024.6	1025.9	1029.6	1031.5	1035.3	1035.3
	DAY-HR	14-18	25-07	31-17	18-22	02-19	02-13	08-23	25-20	06-22	06-18	28-18	23-18	DEC
	MINIMUM	990.0	995.7	1005.1	997.4	1011.1	1003.0	1009.1	1010.7	998.6	984.2	994.7	986.1	984.2

	DAY-HR	04-01	10-14	01-13	17-05	25-03	29-13	04-12	13-03	24-03	29-19	21-15	28-15	OCT
	# OBS	739	686	738	693	742	717	737	740	715	736	706	737	8686
1993	MEAN	1013.9	1015.1	1017.2	1014.5	1013.1	1017.1	1018.8	1018.0	1018.7	1018.8	1021.5	1016.7	1017.0
	MAXIMUM	1031.7	1027.9	1031.3	1028.0	1027.2	1026.0	1030.2	1029.3	1025.6	1032.6	1037.7	1037.3	1037.7
	DAY-HR	29-19	26-20	05-18	30-18	01-00	24-17	31-20	01-00	25-21	25-19	24-08	23-12	NOV
	MINIMUM	979.4	991.2	1000.5	1002.3	994.8	1004.8	1009.3	1005.2	1011.7	1008.7	1001.1	983.3	979.4
	DAY-HR	20-15	20-06	22-18	08-14	03-13	05-11	22-10	23-04	14-13	23-23	29-12	09-01	JAN
	# OBS	733	640	733	720	742	713	737	733	707	742	714	738	8652
1994	MEAN	1020.0	1012.4	1018.0	1017.1	1016.4	1018.1	1019.3	1018.0	1017.3	1015.5	1013.4	1012.7	1016.6
	MAXIMUM	1036.9	1031.2	1032.6	1027.8	1025.2	1026.6	1025.4	1024.2	1025.8	1024.4	1031.5	1030.3	1036.9
	DAY-HR	30-19	01-00	12-17	01-18	01-00	01-22	06-19	29-21	04-20	07-18	21-19	08-08	JAN
	MINIMUM	998.4	988.8	993.9	997.8	1002.9	998.8	1011.7	1010.3	1006.6	998.3	988.4	998.2	988.4
	DAY-HR	04-14	17-15	21-06	08-21	15-15	13-04	23-02	08-13	03-03	26-18	09-01	16-02	NOV
	# OBS	742	648	736	716	738	714	718	733	709	741	709	737	8641
1995	MEAN	1007.1	1017.6	1011.0	1015.6	1016.0	1017.1	1017.6	1015.6	1015.8	1018.2	1014.6	1013.1	1014.9
	MAXIMUM	1021.2	1027.1	1033.8	1029.4	1026.2	1025.2	1028.1	1022.4	1023.5	1029.3	1030.1	1026.6	1033.8
	DAY-HR	19-12	03-19	26-18	21-22	18-19	23-16	30-16	13-07	20-20	18-19	03-17	31-23	MAR
	MINIMUM	986.4	997.6	974.7	994.8	1004.0	1006.5	1006.8	996.8	1001.2	1002.5	993.6	961.2	961.2
	DAY-HR	10-02	15-10	09-22	07-13	01-17	17-14	26-12	07-01	27-14	26-00	18-03	13-00	DEC
	# OBS	738	668	741	718	715	717	742	741	712	739	713	741	8685
1996	MEAN	1013.1	1011.7	1017.8	1015.1	1017.5	1019.4	1018.0	1017.6	1016.0	1015.6	1015.4	1008.5	1015.5
	MAXIMUM	1029.7	1026.6	1031.9	1033.2	1028.1	1026.2	1027.5	1023.8	1024.5	1034.4	1030.9	1039.6	1039.6
	DAY-HR	10-20	11-19	16-08	27-22	24-05	29-17	05-18	21-21	22-23	27-06	26-04	14-18	DEC
	MINIMUM	988.7	980.0	993.1	991.4	994.0	1007.7	1010.2	1008.4	998.1	995.5	991.7	976.4	976.4
	DAY-HR	19-04	20-10	04-23	16-14	17-21	23-15	15-02	27-01	15-08	17-22	19-17	10-10	DEC
	# OBS	736	690	739	735	740	715	839	790	716	732	689	735	8856
1997	MEAN	1010.3	-	-	-	-	-	-	-	-	-	-	1023.4	1019.5
	MAXIMUM	1030.6	-	-	-	-	-	-	-	-	-	-	1034.1	1034.1
	DAY-HR	06-02	-	-	-	-	-	-	-	-	-	-	27-19	DEC
	MINIMUM	976.8	-	-	-	-	-	-	-	-	-	-	1001.8	976.8
	DAY-HR	01-03	-	-	-	-	-	-	-	-	-	-	20-11	JAN
	# OBS	138	-	-	-	-	-	-	-	-	-	-	333	471
1998	MEAN	1005.6	1003.9	1014.0	1017.4	1014.6	1017.1	1017.3	1019.5	1014.8	1016.1	1008.6	1018.9	1014.1
	MAXIMUM	1018.2	1021.3	1022.7	1029.4	1025.2	1028.9	1022.6	1026.0	1022.1	1030.5	1023.2	1037.7	1037.7
	DAY-HR	08-19	27-19	17-21	26-22	31-07	14-19	06-23	12-16	11-18	18-20	18-20	21-02	DEC
	MINIMUM	987.4	984.8	993.0	1002.3	1003.2	1005.4	1011.2	1014.5	1007.6	1003.4	976.7	991.1	976.7
	DAY-HR	17-10	07-02	23-18	11-10	13-01	24-17	14-15	26-02	25-19	08-14	24-04	28-01	NOV
	# OBS	719	669	708	689	700	682	717	777	709	740	716	738	8564
1999	MEAN	1015.1	1006.2	1011.3	1019.8	1018.5	1017.1	1018.1	1016.3	1018.2	1019.2	1013.0	1021.0	1016.6
	MAXIMUM	1033.7	1023.3	1026.3	1038.0	1028.2	1023.1	1026.6	1024.4	1029.1	1036.1	1037.5	1036.9	1038.0
	DAY-HR	02-19	20-08	02-05	14-15	22-17	27-23	08-07	21-22	27-21	31-23	01-07	24-18	APR
	MINIMUM	991.0	976.5	978.8	1003.7	997.4	1008.4	1008.7	1009.7	1006.8	986.2	997.9	996.2	976.5
	DAY-HR	18-14	06-21	03-10	08-01	03-09	24-13	03-11	11-02	25-05	28-07	19-21	02-10	FEB
	# OBS	738	393	716	719	744	718	733	731	715	725	688	738	8358
2000	MEAN	1015.1	1012.0	1018.5	1017.9	1016.0	1018.0	1018.5	1018.2	1016.2	1014.6	1019.1	1018.6	1016.9
	MAXIMUM	1033.6	1029.1	1035.4	1032.8	1026.1	1027.7	1026.4	1026.7	1026.4	1028.9	1029.8	1036.4	1036.4
	DAY-HR	05-19	02-19	31-17	01-00	31-23	15-16	15-06	15-22	06-19	22-17	17-19	18-07	DEC
	MINIMUM	986.3	992.0	1004.8	1005.4	1001.6	1001.2	1012.5	1009.9	1004.5	990.7	997.5	991.8	986.3
	DAY-HR	16-20	22-15	16-11	27-13	10-12	12-09	27-10	31-23	08-14	28-07	29-16	15-01	JAN
	# OBS	726	687	740	701	729	713	725	741	718	732	717	741	8670
2001	MEAN	1017.5	1016.3	1017.7	1016.0	1020.3	1018.8	1018.9	1016.8	1016.6	1017.6	1011.4	1010.9	1016.6
	MAXIMUM	1032.3	1029.5	1027.6	1025.2	1034.5	1027.9	1024.2	1026.0	1026.2	1029.8	1028.0	1031.6	1034.5
	DAY-HR	15-19	03-16	14-20	14-09	02-19	18-18	13-19	07-17	07-20	18-07	07-16	07-12	MAY
	MINIMUM	993.7	1001.3	997.5	1004.7	1004.7	1005.7	1011.8	1005.9	1007.1	996.6	979.9	979.2	979.2
	DAY-HR	09-23	10-23	01-22	06-14	16-01	27-12	16-12	22-06	26-15	31-06	28-16	01-21	DEC
	# OBS	740	672	741	715	742	718	744	682	719	744	719	743	8679
POR	MEAN	1015.5	1014.9	1015.7	1016.9	1016.9	1017.8	1018.6	1017.6	1017.1	1017.3	1015.5	1017.0	1016.7
	MAXIMUM	1039.4	1038.7	1035.4	1038.0	1034.5	1031.1	1030.5	1029.3	1029.9	1036.1	1037.7	1039.6	1039.6
	YEAR	1988	1989	2000	1999	2001	1985	1988	1993	1991	1999	1993	1996	DEC/1996
	MINIMUM	976.8	976.5	974.7	991.4	994.0	998.8	1005.8	996.8	991.0	984.2	976.7	961.2	961.2
	YEAR	1997	1999	1995	1996	1996	1994	1987	1995	1986	1992	1998	1995	DEC/1995
	# OBS	11939	10450	11639	11149	11742	10846	11630	12233	12096	12566	12062	12898	141250

STATION: DESWL -- POR (8/1984 - 12/2001)

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

ELEMENT: AVERAGE WIND SPEED (KNOTS)

YEAR	ELEMENT	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
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1984	MEAN	-	-	-	-	-	-	-	7.3	8.1	13.4	16.4	10.9	11.5
	MAXIMUM	-	-	-	-	-	-	-	26.0	24.1	48.0	47.0	35.0	48.0
	DAY-HR	-	-	-	-	-	-	-	20-02	18-23	12-15	27-08	14-16	OCT
	MINIMUM	-	-	-	-	-	-	-	0.0	0.0	0.0	0.0	0.0	0.0
	DAY-HR	-	-	-	-	-	-	-	31-15	30-21	26-22	20-06	31-20	DEC
	# OBS	-	-	-	-	-	-	-	432	716	744	689	741	3322
1985	MEAN	6.0	11.1	12.5	10.9	8.3	9.0	8.0	6.1	7.9	11.7	10.2	6.4	9.0
	MAXIMUM	28.0	43.2	41.0	33.0	40.0	29.0	27.0	24.1	35.0	42.0	32.1	33.0	43.2
	DAY-HR	14-14	11-13	23-15	23-05	03-04	19-01	15-01	17-01	12-20	22-07	15-09	06-03	FEB
	MINIMUM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	DAY-HR	31-11	28-11	25-03	30-20	28-15	28-16	29-09	29-16	30-19	29-18	25-02	31-03	DEC
	# OBS	739	670	736	715	743	718	740	692	717	744	718	727	8659
1986	MEAN	16.9	11.3	12.7	11.2	11.3	10.3	6.7	6.5	6.3	7.5	11.6	13.1	10.5
	MAXIMUM	51.1	38.1	35.0	34.0	32.1	35.0	22.0	29.0	32.1	37.1	39.1	36.2	51.1
	DAY-HR	06-02	24-22	07-12	26-23	01-13	15-22	20-01	02-01	23-16	30-03	26-01	22-14	JAN
	MINIMUM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	DAY-HR	29-20	20-03	22-20	30-20	31-15	30-23	30-18	31-16	30-13	31-23	24-16	17-13	DEC
	# OBS	744	669	736	719	737	718	743	741	718	741	692	741	8699
1987	MEAN	14.9	13.6	12.9	10.5	10.9	10.5	8.2	7.6	6.4	6.9	14.2	14.3	10.9
	MAXIMUM	42.0	37.1	48.0	40.0	36.2	31.1	30.1	28.0	30.1	31.1	45.1	48.0	48.0
	DAY-HR	28-03	22-21	04-23	08-03	30-12	26-01	18-01	23-01	14-16	31-13	30-17	09-09	DEC
	MINIMUM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	DAY-HR	26-03	27-20	31-22	29-12	27-11	29-19	31-06	31-18	30-09	31-23	29-00	31-21	DEC
	# OBS	738	671	743	718	741	714	743	743	682	738	716	744	8691
1988	MEAN	13.2	10.5	13.4	10.2	10.5	10.1	10.7	7.6	7.8	8.8	15.9	12.5	11.0
	MAXIMUM	45.1	38.1	50.2	42.0	29.0	46.1	28.0	27.0	39.1	31.1	44.1	41.0	50.2
	DAY-HR	14-19	13-04	22-20	02-22	28-07	02-22	26-22	04-22	19-01	13-11	05-15	20-19	MAR
	MINIMUM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	DAY-HR	31-18	29-22	31-10	27-18	29-17	30-16	31-19	29-09	29-00	28-19	30-18	31-19	DEC
	# OBS	744	695	744	716	740	720	739	739	690	742	719	740	8728
1989	MEAN	13.4	10.0	13.6	11.2	9.1	9.7	9.3	7.7	6.2	10.8	12.2	9.8	10.2
	MAXIMUM	40.0	39.1	40.0	34.0	33.0	36.2	30.9	27.8	26.4	38.7	33.2	38.9	40.0
	DAY-HR	13-01	22-22	05-02	01-16	17-17	30-08	23-00	07-01	07-01	26-05	23-12	04-01	MAR
	MINIMUM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	DAY-HR	27-15	28-18	24-17	30-16	31-14	28-04	30-13	30-08	28-16	31-02	30-04	30-21	DEC
	# OBS	741	654	694	705	705	678	713	739	720	743	718	738	8548
1990	MEAN	16.0	13.8	10.8	10.1	10.2	10.9	8.4	9.2	7.7	12.9	16.7	16.6	11.9
	MAXIMUM	45.5	44.7	38.3	30.1	33.6	28.2	27.2	30.9	27.8	39.5	42.6	46.3	46.3
	DAY-HR	29-04	03-04	10-02	28-01	22-04	03-03	11-01	04-01	14-22	25-17	23-22	04-05	DEC
	MINIMUM	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	DAY-HR	04-23	27-01	24-05	24-16	26-05	25-14	29-10	28-15	29-06	28-06	19-01	25-03	DEC
	# OBS	740	669	738	713	741	715	740	742	715	741	719	742	8715
1991	MEAN	11.3	13.3	10.8	11.4	11.0	9.7	9.2	10.9	6.7	7.8	14.1	14.3	10.9
	MAXIMUM	41.8	46.3	34.4	42.8	29.7	31.3	26.0	50.7	28.2	34.4	50.2	40.6	50.7
	DAY-HR	11-14	02-02	02-12	03-13	07-19	05-20	15-11	29-19	10-01	16-13	19-19	12-20	AUG
	MINIMUM	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	DAY-HR	21-12	26-21	10-02	18-06	31-12	29-11	27-03	23-17	30-03	15-04	06-18	17-09	DEC
	# OBS	743	672	744	720	744	720	743	736	715	743	717	743	8740
1992	MEAN	-	-	-	14.3	10.0	10.7	8.7	8.0	9.5	12.2	14.4	14.9	11.3
	MAXIMUM	-	-	-	38.5	34.8	33.6	28.4	25.5	31.1	37.7	46.3	38.9	46.3
	DAY-HR	-	-	-	16-12	05-23	23-01	16-02	26-23	23-17	29-19	21-15	08-10	NOV
	MINIMUM	-	-	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0
	DAY-HR	-	-	-	25-21	22-16	27-10	30-15	27-17	21-04	27-00	14-01	31-18	NOV
	# OBS	-	-	-	492	742	717	737	740	715	737	707	736	6323
1993	MEAN	11.8	10.2	12.8	14.9	11.5	9.9	7.1	7.9	6.3	7.7	10.7	14.8	10.5
	MAXIMUM	41.4	28.0	49.8	39.5	35.0	33.4	22.9	36.9	24.9	38.1	39.7	49.0	49.8
	DAY-HR	19-13	05-15	04-10	17-21	07-16	09-14	29-12	22-23	30-00	23-18	03-06	10-08	MAR
	MINIMUM	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	DAY-HR	30-04	19-01	14-03	14-18	26-13	27-00	28-15	28-10	30-15	31-07	25-21	28-07	DEC
	# OBS	734	641	733	720	742	714	739	734	711	742	713	738	8661
1994	MEAN	11.5	14.6	12.8	12.1	10.5	10.5	8.7	7.8	10.4	10.7	17.6	18.5	12.1
	MAXIMUM	40.8	44.5	49.0	37.9	37.3	43.2	24.1	24.7	32.5	47.0	51.3	47.8	51.3
	DAY-HR	01-02	13-04	21-08	08-22	28-21	13-03	08-02	31-01	08-00	31-10	09-01	19-14	NOV
	MINIMUM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0
	DAY-HR	29-16	07-03	29-17	29-09	27-13	12-13	30-16	29-11	24-09	19-07	16-08	13-19	DEC
	# OBS	741	646	738	717	736	711	720	733	711	741	709	737	8640
1995	MEAN	14.5	12.9	15.0	11.0	10.0	10.6	9.1	8.9	9.3	10.6	16.0	15.6	12.0
	MAXIMUM	43.4	44.9	62.8	38.9	33.8	29.4	29.5	35.0	25.9	40.8	55.6	53.7	62.8
	DAY-HR	14-23	15-08	14-18	10-20	13-23	10-20	18-03	07-03	01-01	25-22	18-03	13-04	MAR
	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	22-14	28-18	29-18	28-15	27-15	30-13	27-05	31-17	20-13	24-01	02-02	24-17	DEC
	# OBS	738	668	741	718	714	715	742	741	712	739	713	740	8681

1996	MEAN	14.1	13.0	10.6	15.2	10.5	8.9	9.1	9.3	7.8	12.1	11.5	15.4	11.4
	MAXIMUM	42.6	43.7	28.0	41.8	43.7	26.8	30.5	30.1	26.6	48.0	34.6	41.4	48.0
	DAY-HR	06-18	05-13	31-21	24-01	18-03	20-02	07-01	08-02	14-02	17-20	07-23	04-17	OCT
	MINIMUM	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	DAY-HR	19-19	15-14	03-03	28-19	14-03	22-12	31-14	30-00	11-07	07-03	14-19	18-20	DEC
	# OBS	735	691	739	735	740	715	839	790	716	729	689	735	8853
1997	MEAN	13.4	10.7	16.2	11.1	10.1	9.6	9.3	8.2	10.9	13.7	13.0	14.1	11.7
	MAXIMUM	52.1	42.6	61.6	40.8	29.0	27.4	27.6	30.5	36.5	42.2	40.8	40.2	61.6
	DAY-HR	01-10	12-11	30-23	30-20	30-23	09-02	20-01	26-14	14-23	09-16	23-09	15-23	MAR
	MINIMUM	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	DAY-HR	31-06	24-02	30-05	24-04	29-14	15-15	26-15	30-03	23-00	22-06	12-01	26-00	DEC
	# OBS	727	657	738	706	729	712	725	740	710	729	701	740	8614
1998	MEAN	17.7	17.3	11.4	8.6	6.8	7.7	9.2	9.4	8.8	12.5	18.9	18.2	12.5
	MAXIMUM	46.5	44.1	47.0	31.1	23.5	25.1	36.4	31.9	28.8	35.0	57.5	52.5	57.5
	DAY-HR	17-11	10-14	24-02	10-23	14-12	15-14	14-22	13-01	03-23	31-12	24-05	01-18	NOV
	MINIMUM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.2	0.0
	DAY-HR	09-01	27-23	18-17	29-18	11-19	11-14	26-17	31-13	30-08	27-23	05-18	22-20	OCT
	# OBS	719	669	708	689	308	613	716	776	710	741	714	737	8100
1999	MEAN	15.2	24.2	18.3	12.4	10.9	8.0	8.9	9.0	7.7	11.2	16.2	13.2	12.5
	MAXIMUM	55.2	46.7	52.3	38.3	33.2	25.7	29.5	26.2	34.6	49.2	45.3	43.9	55.2
	DAY-HR	29-13	05-20	03-15	03-07	06-21	05-11	09-01	23-03	25-03	28-06	09-17	06-06	JAN
	MINIMUM	0.0	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	DAY-HR	22-23	26-11	15-17	19-05	29-17	30-15	29-22	29-01	30-15	19-00	25-17	28-07	DEC
	# OBS	740	401	714	719	744	716	733	737	717	726	688	738	8373
2000	MEAN	14.6	11.6	13.3	10.9	10.7	11.2	9.0	7.4	8.4	11.0	9.8	11.8	10.8
	MAXIMUM	50.3	46.1	34.8	30.1	27.6	33.8	29.2	24.7	35.0	43.0	35.0	41.8	50.3
	DAY-HR	17-01	22-15	11-03	25-10	27-16	09-22	27-19	23-02	15-00	17-23	04-13	15-05	JAN
	MINIMUM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	DAY-HR	19-12	19-16	15-02	21-03	15-09	26-17	29-11	31-10	28-12	24-02	21-22	28-11	DEC
	# OBS	726	687	740	701	729	712	730	741	717	732	718	742	8675
2001	MEAN	12.4	10.6	12.0	11.8	11.1	9.9	9.3	11.1	9.2	10.4	15.6	17.3	11.8
	MAXIMUM	44.9	36.7	38.1	36.7	33.0	30.3	28.4	36.7	31.3	36.7	55.6	53.1	55.6
	DAY-HR	09-22	02-05	27-21	29-15	14-13	27-22	04-01	21-20	26-13	23-10	20-06	14-10	NOV
	MINIMUM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	DAY-HR	28-08	21-01	21-18	26-13	31-16	03-12	31-15	26-15	30-17	28-22	10-01	29-21	DEC
	# OBS	742	672	741	718	742	718	744	683	718	744	719	742	8683
POR	MEAN	13.6	12.8	13.1	11.6	10.3	9.8	8.8	8.4	8.1	10.7	14.2	14.0	11.2
	MAXIMUM	55.2	46.7	62.8	42.8	43.7	46.1	36.4	50.7	39.1	49.2	57.5	53.7	62.8
	YEAR	1999	1999	1995	1991	1996	1988	1998	1991	1988	1999	1998	1995	MAR/1995
	MINIMUM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	YEAR	2001	2001	2001	2001	2001	2001	2001	2001	2001	2001	2001	2001	DEC/2001
	# OBS	11791	10432	11727	11921	12077	12026	12586	12979	12810	13296	12759	13301	147705

STATION: DESWL -- POR (8/1984 - 12/2001)

2 - HIGHEST 5-SECOND AVERAGE DURING 2 OR 8-MINUTE PERIOD PRIOR TO OBSERVATION TIME -- MONTHLY & ANNUAL BY YEAR

ELEMENT: PEAK WIND GUST (KNOTS)

YEAR	ELEMENT	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1984	MEAN	-	-	-	-	-	-	-	8.1	9.3	15.3	18.6	12.5	13.2
	MAXIMUM	-	-	-	-	-	-	-	28.0	26.0	57.2	57.2	41.0	57.2
	DAY-HR	-	-	-	-	-	-	-	16-21	18-23	12-15	27-08	14-16	NOV
	# OBS	-	-	-	-	-	-	-	432	696	738	689	740	3295
1985	MEAN	6.8	12.5	14.1	12.4	9.4	10.0	8.8	6.9	9.1	13.1	11.8	7.3	10.2
	MAXIMUM	32.1	48.0	48.0	39.1	47.0	31.1	29.0	25.1	40.0	45.1	34.0	36.2	48.0
	DAY-HR	14-12	11-13	23-15	23-05	03-04	19-01	15-01	23-02	12-20	22-07	15-10	06-03	MAR
	# OBS	739	670	733	714	743	718	739	689	717	743	718	727	8650
1986	MEAN	18.9	12.7	14.4	12.7	12.6	11.4	7.5	7.2	7.1	8.6	13.1	14.7	11.7
	MAXIMUM	61.0	42.0	40.0	39.1	38.1	41.0	24.1	30.1	37.1	46.1	48.0	42.0	61.0
	DAY-HR	06-02	24-22	07-12	26-20	01-13	15-22	01-17	02-01	23-12	30-03	26-01	22-14	JAN
	# OBS	744	665	735	719	737	718	743	741	718	741	691	741	8693
1987	MEAN	16.9	15.3	14.5	11.8	12.1	11.5	9.0	8.3	7.1	7.8	16.0	16.5	12.2
	MAXIMUM	51.1	41.0	53.1	43.2	42.0	33.0	32.1	30.1	40.0	34.0	54.0	56.2	56.2
	DAY-HR	28-03	13-18	04-23	08-03	30-12	26-01	17-00	23-00	14-23	31-13	30-17	09-07	DEC
	# OBS	738	671	743	718	741	714	743	743	682	738	716	744	8691
1988	MEAN	15.0	11.8	15.1	11.7	12.0	11.3	11.7	8.3	8.7	9.8	18.0	14.1	12.3
	MAXIMUM	49.2	42.0	54.0	49.2	33.0	51.1	31.1	29.0	44.1	34.0	51.1	45.1	54.0
	DAY-HR	14-19	13-04	22-20	02-22	28-07	02-22	25-03	24-05	19-01	30-06	05-16	20-19	MAR
	# OBS	744	695	743	716	740	720	739	739	690	742	718	739	8725

1989	MEAN	15.2	11.4	15.4	12.6	10.2	10.8	10.3	8.5	6.9	12.0	13.6	11.0	11.5
	MAXIMUM	43.2	46.1	45.1	40.0	38.1	41.0	33.2	30.7	28.2	43.7	37.9	43.4	46.1
	DAY-HR	13-01	22-22	05-02	01-16	17-17	30-08	23-00	07-01	29-22	23-09	23-12	04-01	FEB
	# OBS	741	654	694	701	697	669	710	739	720	743	718	738	8524
1990	MEAN	18.2	15.9	12.2	11.5	11.7	12.4	9.4	10.2	8.7	14.6	18.9	19.1	13.6
	MAXIMUM	53.8	53.3	42.6	33.4	42.6	32.3	30.5	34.2	34.0	45.9	48.0	55.2	55.2
	DAY-HR	29-04	03-04	14-01	28-01	22-04	03-03	11-02	04-01	14-22	29-20	23-23	01-20	DEC
	# OBS	739	669	737	713	740	715	739	742	714	741	719	742	8710
1991	MEAN	12.6	14.9	12.3	12.9	12.5	10.8	10.2	12.2	7.6	8.8	15.9	16.2	12.2
	MAXIMUM	45.3	53.5	37.9	49.8	33.8	34.2	29.9	57.2	30.9	38.7	58.1	46.7	58.1
	DAY-HR	11-14	01-15	02-12	03-13	07-19	05-21	15-11	29-19	10-01	16-13	19-16	12-20	NOV
	# OBS	743	672	744	719	744	719	743	735	715	742	717	743	8736
1992	MEAN	-	-	-	16.0	11.2	11.8	9.7	8.9	10.5	13.7	16.3	17.0	12.7
	MAXIMUM	-	-	-	44.1	39.1	35.4	31.3	28.2	35.2	44.3	55.0	46.3	55.0
	DAY-HR	-	-	-	16-12	05-23	23-01	16-02	26-23	23-17	29-19	21-15	08-08	NOV
	# OBS	-	-	-	492	742	717	737	740	712	736	705	733	6314
1993	MEAN	13.4	11.6	14.5	17.0	13.0	11.2	8.1	9.0	7.2	8.7	12.4	16.8	11.9
	MAXIMUM	47.0	35.8	57.7	45.1	38.7	36.7	25.9	40.0	27.6	43.4	43.4	55.8	57.7
	DAY-HR	19-13	05-15	04-10	17-22	07-16	09-14	29-12	22-23	30-00	23-21	03-06	10-07	MAR
	# OBS	734	639	733	720	742	713	738	734	711	742	713	738	8657
1994	MEAN	13.0	16.7	14.7	13.9	11.9	12.0	9.9	8.9	11.7	12.3	20.3	21.4	13.9
	MAXIMUM	46.9	53.8	54.6	42.8	41.6	49.6	26.4	27.6	36.4	54.2	58.1	59.5	59.5
	DAY-HR	01-01	16-17	21-09	08-22	28-21	13-03	17-03	31-02	08-00	31-10	09-01	19-14	DEC
	# OBS	741	645	737	717	736	710	714	732	708	740	709	737	8626
1995	MEAN	16.9	14.9	17.6	13.0	11.5	12.3	10.4	10.1	10.5	12.2	18.1	17.7	13.8
	MAXIMUM	52.5	51.7	78.3	43.7	40.6	35.6	34.6	41.2	31.3	46.1	68.4	60.8	78.3
	DAY-HR	15-00	15-08	14-18	10-20	22-02	10-20	17-02	07-03	01-01	25-22	18-03	13-04	MAR
	# OBS	737	668	741	718	714	715	742	740	712	739	713	740	8679
1996	MEAN	16.0	14.9	12.3	17.4	12.0	10.1	10.3	10.5	9.1	13.9	13.2	17.6	13.1
	MAXIMUM	48.2	53.7	32.1	49.0	51.7	29.7	34.0	34.2	29.4	57.9	38.5	47.8	57.9
	DAY-HR	06-18	05-15	31-23	24-00	18-03	20-02	07-03	08-02	14-03	17-21	08-00	01-14	OCT
	# OBS	735	690	739	735	740	715	839	790	716	729	689	734	8851
1997	MEAN	15.2	12.2	18.4	12.9	11.7	11.2	10.6	9.4	12.5	15.7	14.9	16.0	13.4
	MAXIMUM	60.3	51.9	72.7	44.9	31.9	29.5	30.5	34.6	43.2	48.0	49.4	47.8	72.7
	DAY-HR	01-10	12-11	30-23	30-20	30-23	09-02	20-01	25-22	14-23	08-09	23-09	14-12	MAR
	# OBS	727	657	737	704	729	712	724	740	709	729	701	740	8609
1998	MEAN	20.2	19.8	12.9	9.8	7.7	8.9	10.3	10.4	9.7	14.2	21.6	20.7	14.2
	MAXIMUM	54.4	54.4	53.7	36.4	26.0	27.4	40.8	35.0	30.7	41.2	68.6	58.7	68.6
	DAY-HR	17-11	12-11	23-22	10-23	14-12	15-14	14-22	13-01	03-23	12-10	24-05	01-18	NOV
	# OBS	719	669	708	689	308	613	716	776	709	741	714	737	8099
1999	MEAN	17.2	27.5	20.9	14.0	12.3	9.1	9.9	9.9	8.7	12.5	18.0	15.0	14.1
	MAXIMUM	64.5	53.7	61.8	42.6	38.9	27.6	33.0	29.7	37.1	57.3	49.6	49.4	64.5
	DAY-HR	29-13	05-20	03-15	03-07	06-21	05-11	09-01	10-02	25-03	28-06	09-17	06-06	JAN
	# OBS	739	401	714	719	744	716	732	732	715	726	688	738	8364
2000	MEAN	16.5	13.1	15.1	12.2	12.2	12.6	10.0	8.4	9.6	12.7	11.3	13.6	12.3
	MAXIMUM	60.5	56.4	39.9	35.0	31.5	40.0	31.1	28.8	36.9	48.8	39.5	46.9	60.5
	DAY-HR	16-22	22-15	11-02	25-08	27-16	09-22	27-19	23-00	15-00	17-23	04-13	22-07	JAN
	# OBS	725	687	740	701	729	709	731	742	718	731	717	741	8671
2001	MEAN	14.2	12.2	13.5	13.4	12.4	10.9	10.1	12.2	10.0	11.6	17.5	19.4	13.1
	MAXIMUM	48.0	38.9	43.4	42.4	38.9	32.9	30.9	39.7	34.6	44.1	64.5	61.8	64.5
	DAY-HR	09-22	02-05	27-21	29-15	14-13	27-22	04-01	21-20	26-13	23-10	20-05	14-10	NOV
	# OBS	742	672	741	717	739	718	744	683	717	744	719	742	8678
POR	MEAN	15.4	14.5	14.9	13.2	11.7	11.1	9.8	9.3	9.1	12.1	16.1	15.9	12.7
	MAXIMUM	64.5	56.4	78.3	49.8	51.7	51.1	40.8	57.2	44.1	57.9	68.6	61.8	78.3
	YEAR	1999	2000	1995	1991	1996	1988	1998	1991	1988	1996	1998	2001	MAR/1995
	# OBS	11787	10424	11719	11912	12065	12011	12573	12969	12779	13285	12754	13294	147572

STATION: DESWL -- POR (1/1998 - 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
1998	MEAN	30.3	24.4	15.8	12.0	9.2	11.0	12.2	11.8	11.6	17.0	25.8	24.8	16.9
	MAXIMUM	60.7	79.5	59.5	37.7	31.9	30.9	43.0	35.0	32.9	46.9	69.8	63.6	79.5

	DAY-HR	23-20	10-19	23-23	10-22	14-13	15-13	15-00	13-01	07-19	12-10	24-05	01-14	FEB
	MINIMUM	6.4	1.9	1.7	0.0	0.0	1.7	1.0	1.7	1.4	2.9	4.9	3.7	0.0
	DAY-HR	27-02	27-03	03-20	28-18	16-14	17-06	26-10	31-13	11-09	19-19	05-16	22-20	MAY
	# OBS	265	669	707	689	343	597	716	729	709	740	714	737	7615
1999	MEAN	20.7	33.3	25.4	16.9	15.3	11.3	11.9	11.8	10.9	15.1	21.3	18.3	17.1
	MAXIMUM	70.6	67.5	69.2	45.9	41.6	29.9	34.0	31.5	41.8	70.0	56.2	58.1	70.6
	DAY-HR	29-13	05-23	03-10	10-08	06-22	13-04	09-02	10-02	25-05	27-20	09-18	09-05	JAN
	MINIMUM	1.9	7.6	1.6	1.7	2.1	1.2	0.0	0.0	1.4	0.0	2.9	1.6	0.0
	DAY-HR	04-20	23-16	13-23	12-02	29-17	30-15	17-07	14-07	17-18	03-03	14-20	28-05	OCT
	# OBS	764	401	715	717	744	718	731	729	716	726	688	738	8387
2000	MEAN	20.5	16.1	18.1	15.1	14.9	14.9	11.7	10.1	11.7	15.2	13.7	16.7	14.9
	MAXIMUM	64.5	59.5	43.5	43.4	35.6	42.2	34.0	29.0	38.3	52.9	45.5	58.5	64.5
	DAY-HR	17-01	22-16	01-22	28-04	27-16	11-19	27-20	23-01	14-23	28-04	04-11	17-02	JAN
	MINIMUM	2.3	2.7	1.9	1.7	1.7	1.4	0.8	1.7	2.3	2.7	1.2	0.0	0.0
	DAY-HR	19-22	11-02	09-02	21-04	14-03	07-06	09-05	05-20	18-10	14-19	07-02	06-03	DEC
	# OBS	726	687	740	701	729	707	713	742	717	726	717	737	8642
2001	MEAN	17.3	14.8	16.6	16.4	15.0	13.0	11.8	14.2	12.1	14.5	20.9	23.4	15.8
	MAXIMUM	54.0	57.0	49.0	48.4	43.7	37.3	31.3	43.2	35.6	51.1	70.6	66.3	70.6
	DAY-HR	09-22	02-03	27-23	29-15	14-12	27-21	04-02	21-19	26-16	22-21	20-06	14-11	NOV
	MINIMUM	0.6	1.9	2.3	0.0	1.0	2.9	1.2	1.7	1.4	0.4	1.6	1.7	0.0
	DAY-HR	27-21	28-12	07-18	06-19	30-06	08-14	31-16	16-17	09-11	15-02	08-20	29-22	APR
	# OBS	742	672	741	716	738	717	744	681	716	744	718	742	8671
POR	MEAN	20.7	20.9	19.0	15.2	14.3	12.6	11.9	11.9	11.6	15.5	20.4	20.8	16.1
	MAXIMUM	70.6	79.5	69.2	48.4	43.7	42.2	43.0	43.2	41.8	70.0	70.6	66.3	79.5
	YEAR	1999	1998	1999	2001	2001	2000	1998	2001	1999	1999	2001	2001	FEB/1998
	MINIMUM	0.6	1.9	1.6	0.0	0.0	1.2	0.0	0.0	1.4	0.0	1.2	0.0	0.0
	YEAR	2001	2001	1999	2001	1998	1999	1999	1999	2001	1999	2000	2000	APR/2001
	# OBS	2497	2429	2903	2823	2554	2739	2904	2881	2858	2936	2837	2954	33315

STATION: DESWL

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

Month: JAN

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	1.4	*	0.1	*	*	-	*	*	*	*	*	0.1	0.1	1.8	207	
1 - 3		0.8	1.1	1.4	1.7	1.0	1.0	0.6	0.5	0.4	0.4	0.5	0.8	10.3	1216	
4 - 6		0.9	1.8	4.8	2.8	1.6	1.5	0.9	0.4	0.4	0.3	0.5	0.8	16.8	1983	
7 - 10		0.4	1.0	4.8	1.3	2.5	3.1	0.9	0.6	0.5	0.6	0.7	0.9	17.2	2028	
11 - 15		0.2	0.3	1.3	0.3	4.3	4.8	1.1	0.7	0.9	0.9	0.9	0.4	16.1	1901	
16 - 20		0.1	0.1	*	0.2	4.9	4.7	1.2	0.9	0.8	0.8	0.8	0.5	15.0	1774	
21 - 24		-	-	-	0.1	2.9	3.0	0.9	0.6	0.5	0.4	0.6	0.2	9.2	1085	
25 - 33		-	-	-	-	3.1	3.6	1.2	0.7	0.4	0.5	0.7	0.2	10.2	1205	
34 - 47		-	-	-	-	0.9	1.3	0.4	0.2	0.1	0.1	0.2	*	3.2	374	
> 48		-	-	-	-	-	-	0.1	*	*	-	-	-	0.2	18	
TOTAL %	1.4	2.5	4.3	12.4	6.4	21.0	23.1	7.4	4.6	4.1	4.0	5.0	3.9	100.0		
TOTAL N	170	294	510	1458	749	2475	2719	872	547	481	473	587	456		11791	

(* < 0.05%)

STATION: DESWL

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

Month: FEB

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	1.4	*	*	*	*	-	*	*	*	*	0.1	*	*	1.7	177	
1 - 3		0.8	1.1	1.3	1.6	0.9	0.7	0.8	0.7	0.8	0.7	0.8	0.9	11.2	1165	
4 - 6		1.1	1.7	4.2	2.8	1.3	1.4	1.1	0.6	0.8	0.9	0.9	1.1	17.8	1856	
7 - 10		0.8	1.1	5.5	1.2	2.2	2.6	1.2	0.5	0.7	0.7	1.1	1.3	18.9	1975	
11 - 15		0.5	0.8	1.5	0.4	3.6	4.0	1.1	0.7	0.8	0.9	1.1	1.0	16.5	1718	
16 - 20		0.3	0.7	0.2	0.2	4.1	3.9	1.0	0.9	0.7	0.9	0.9	0.7	14.5	1509	
21 - 24		0.1	0.1	*	0.1	2.5	2.3	0.9	0.7	0.5	0.4	0.4	0.2	8.1	850	
25 - 33		0.1	*	-	-	2.1	3.2	1.3	0.7	0.4	0.3	0.3	0.2	8.6	900	
34 - 47		-	-	-	-	0.6	1.1	0.6	0.1	0.1	0.1	*	*	2.7	282	
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0	
TOTAL %	1.4	3.6	5.6	12.8	6.3	17.3	19.3	7.9	4.9	4.7	5.0	5.7	5.5	100.0		
TOTAL N	150	379	583	1336	656	1802	2018	825	507	491	521	595	569		10432	

(* < 0.05%)

STATION: DESWL

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

Month: MAR

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	1.0	*	*	*	*	0.1	*	*	*	*	*	*	-	1.3	147
1 - 3		0.6	0.8	1.0	1.0	0.7	0.7	0.5	0.4	0.4	0.6	0.7	0.6	7.9	929
4 - 6		0.9	1.5	3.5	2.1	0.9	1.1	0.8	0.9	0.9	1.0	1.4	1.2	16.2	1898
7 - 10		1.1	0.9	4.8	1.2	1.9	2.5	1.7	1.3	1.2	1.2	1.9	1.6	21.2	2492
11 - 15		0.6	0.3	1.4	0.5	3.3	3.6	2.4	1.2	1.1	1.4	1.7	1.6	19.2	2254
16 - 20		0.1	0.1	*	0.1	3.5	3.9	2.0	1.1	0.9	1.2	1.8	0.9	15.8	1854
21 - 24		*	*	*	*	1.9	2.9	0.8	0.5	0.4	0.5	0.8	0.3	8.2	964
25 - 33		-	*	-	*	1.9	3.4	0.8	0.4	0.4	0.3	0.3	0.1	7.6	894
34 - 47		-	-	-	-	0.6	1.0	0.4	0.1	0.1	*	*	-	2.3	271
> 48		-	-	-	-	-	0.1	*	*	*	-	-	-	0.2	25
TOTAL %	1.0	3.3	3.6	10.8	4.9	14.8	19.4	9.5	6.0	5.5	6.3	8.7	6.3	100.0	
TOTAL N	122	385	425	1263	579	1732	2270	1109	704	647	742	1015	735		11728

(* < 0.05%)

STATION: DESWL

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

Month: APR

WIND SPEED	CALM	WIND DIRECTION												TOT %	TOT N
		35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
0	1.5	*	*	*	0.1	*	*	*	*	*	*	*	*	1.9	230
1 - 3		0.7	0.6	0.8	0.9	0.6	0.6	0.7	0.8	0.7	0.7	0.9	0.7	8.7	1038
4 - 6		0.9	1.3	2.7	1.5	0.8	1.2	1.4	1.3	1.6	1.6	1.7	1.3	17.3	2066
7 - 10		1.0	0.7	3.1	0.8	1.7	2.7	2.6	1.6	1.7	2.0	3.3	2.0	23.1	2755
11 - 15		0.7	0.1	0.8	0.2	2.7	3.5	2.9	1.4	1.4	1.7	3.7	2.5	21.8	2593
16 - 20		0.1	*	0.1	0.2	1.9	3.2	2.4	0.9	0.8	0.7	2.6	1.8	14.7	1747
21 - 24		*	-	-	0.1	1.2	1.6	1.2	0.3	0.3	0.5	0.9	0.6	6.8	806
25 - 33		-	-	-	*	1.4	1.6	0.9	0.2	0.2	0.2	0.4	0.3	5.1	607
34 - 47		-	-	-	-	0.2	0.3	0.2	*	-	-	*	*	0.7	79
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	1.5	3.4	2.8	7.5	3.7	10.6	14.8	12.2	6.6	6.6	7.4	13.6	9.2	100.0	
TOTAL N	184	411	329	895	446	1263	1770	1454	784	784	885	1617	1099		11921

(* < 0.05%)

STATION: DESWL

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

Month: MAY

WIND SPEED	CALM	WIND DIRECTION												TOT %	TOT N
		35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
0	1.6	-	*	*	*	*	*	*	*	*	*	*	*	1.9	233
1 - 3		0.8	1.1	0.9	0.9	0.8	0.8	0.9	0.8	0.8	0.9	1.2	1.0	10.9	1322
4 - 6		1.4	1.5	1.9	1.3	0.6	1.4	1.5	1.5	1.8	2.3	2.8	1.9	20.0	2420
7 - 10		1.8	0.7	1.7	0.6	1.1	2.1	1.9	2.2	1.8	2.5	4.3	3.7	24.3	2938
11 - 15		1.0	0.1	0.3	0.1	1.5	2.7	2.1	1.6	1.2	1.6	5.0	4.5	21.8	2628
16 - 20		0.1	*	0.1	*	1.4	2.4	1.8	0.5	0.6	0.7	3.0	2.5	13.2	1594
21 - 24		-	*	-	*	0.6	1.2	0.8	0.2	0.2	0.3	1.0	0.8	5.2	631
25 - 33		-	-	-	*	0.3	0.8	0.3	*	*	0.1	0.3	0.5	2.5	299
34 - 47		-	-	-	-	*	*	*	-	-	-	*	*	0.1	12
> 48		*	-	-	-	-	-	-	-	-	-	-	-	0.0	1
TOTAL %	1.6	5.2	3.3	4.9	3.0	6.4	11.6	9.5	6.9	6.4	8.4	17.7	14.9	100.0	
TOTAL N	198	626	402	592	367	774	1400	1150	838	777	1018	2136	1800		12078

(* < 0.05%)

STATION: DESWL

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

Month: JUN

WIND SPEED	CALM	WIND DIRECTION												TOT %	TOT N
		35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
0	1.4	*	*	*	*	*	*	*	*	*	0.1	*	-	1.7	207
1 - 3		1.1	1.2	1.2	0.8	0.6	0.8	1.0	0.8	0.8	1.0	1.3	1.4	12.0	1446
4 - 6		1.8	1.3	1.8	0.8	0.8	1.2	1.4	1.2	1.8	2.5	3.1	2.7	20.4	2451
7 - 10		2.4	0.4	0.8	0.2	1.3	2.3	2.2	1.4	1.3	2.1	5.4	5.3	25.1	3013
11 - 15		1.1	*	0.1	0.1	1.9	3.2	2.5	0.8	0.7	1.4	5.7	6.1	23.7	2844
16 - 20		*	-	-	*	1.2	2.2	1.0	0.3	0.3	0.4	2.9	3.1	11.5	1388
21 - 24		*	-	-	-	0.3	0.8	0.3	0.1	0.1	0.1	0.9	1.1	3.8	451
25 - 33		*	-	-	-	0.2	0.6	0.1	0.1	0.1	0.1	0.2	0.4	1.7	207
34 - 47		-	-	-	-	*	0.1	-	-	-	-	-	*	0.1	15
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	1.4	6.5	3.0	3.9	2.0	6.2	11.2	8.5	4.9	5.1	7.7	19.6	20.0	100.0	
TOTAL N	168	780	363	469	237	748	1346	1018	584	616	928	2359	2406		12022

(* < 0.05%)

STATION: DESWL

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

Month: JUL

WIND SPEED	CALM	WIND DIRECTION												TOT %	TOT N
		35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
0	2.6	*	0.1	*	*	*	0.1	0.1	*	0.1	0.1	*	0.1	3.2	408
1 - 3		1.4	1.1	0.8	0.8	1.1	1.3	1.5	1.3	1.3	1.6	1.6	1.8	15.5	1956
4 - 6		2.3	1.1	1.0	0.6	0.9	2.1	2.0	1.5	1.7	2.5	3.7	3.7	23.2	2918
7 - 10		2.1	0.3	0.3	0.2	0.9	2.6	2.2	0.7	1.1	2.1	5.3	6.8	24.7	3103
11 - 15		1.1	*	*	*	0.9	2.1	1.4	0.3	0.5	1.2	4.7	7.5	19.7	2484
16 - 20		0.1	-	-	*	0.4	1.1	0.5	0.1	0.2	0.7	2.5	3.8	9.5	1194
21 - 24		-	-	-	*	0.2	0.3	0.1	-	0.1	0.2	1.0	1.0	3.0	375
25 - 33		-	-	-	*	0.1	0.1	-	-	*	0.1	0.4	0.4	1.1	143
34 - 47		-	-	-	-	-	*	-	-	-	-	-	-	0.0	3
> 48		-	-	-	-	*	*	*	-	-	-	-	-	0.0	4
TOTAL %	2.6	7.0	2.6	2.1	1.7	4.6	9.8	7.8	3.9	5.0	8.5	19.3	25.1	100.0	
TOTAL N	322	884	323	267	214	575	1231	983	496	635	1072	2427	3159		12588

(* < 0.05%)

STATION: DESWL

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

Month: AUG

WIND SPEED	CALM	WIND DIRECTION												TOT %	TOT N
		35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
0	3.1	0.1	*	*	*	*	0.1	*	0.1	0.1	*	0.1	0.1	3.7	484
1 - 3		2.0	1.4	1.2	1.3	1.1	1.6	1.5	1.1	1.5	1.7	2.1	2.0	18.4	2383
4 - 6		2.4	1.3	1.8	1.4	1.2	2.4	2.0	1.3	1.4	1.9	3.6	4.3	25.0	3249
7 - 10		2.4	0.4	1.0	0.4	1.5	3.4	2.1	0.9	0.9	1.6	3.8	5.4	23.7	3077
11 - 15		0.8	*	*	0.1	1.2	2.6	1.4	0.1	0.4	1.0	2.8	5.8	16.4	2125
16 - 20		0.1	-	-	*	0.7	1.6	0.5	*	0.3	0.2	1.5	2.9	7.9	1031
21 - 24		-	-	-	-	0.3	0.8	0.1	-	0.1	0.1	0.7	0.9	3.0	385
25 - 33		-	-	-	-	0.2	0.5	*	-	0.1	*	0.3	0.4	1.6	214
34 - 47		-	-	-	-	0.1	0.1	*	-	-	-	-	*	0.2	28
> 48		-	-	-	-	*	-	-	-	-	-	-	-	0.0	2
TOTAL %	3.1	7.8	3.2	4.1	3.2	6.6	13.0	7.7	3.5	4.6	6.6	14.9	21.8	100.0	
TOTAL N	402	1011	415	533	413	853	1692	993	454	595	853	1937	2827		12978

(* < 0.05%)

STATION: DESWL

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

Month: SEP

WIND SPEED	CALM	WIND DIRECTION												TOT %	TOT N
		35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
0	3.2	0.1	0.1	0.1	*	0.1	*	*	0.1	*	*	0.1	0.1	3.8	491
1 - 3		1.9	1.9	1.7	1.6	1.5	1.4	1.4	1.1	1.3	1.5	1.8	1.8	18.9	2415
4 - 6		2.8	2.2	3.2	2.1	1.4	2.2	1.4	0.9	1.1	1.6	3.4	4.1	26.5	3394
7 - 10		1.7	0.7	2.7	0.7	1.5	3.0	1.5	0.7	0.7	1.1	3.3	5.2	23.0	2947
11 - 15		0.6	0.1	0.6	0.5	1.8	3.0	1.3	0.4	0.5	0.5	2.7	4.3	16.0	2052
16 - 20		*	0.1	0.1	0.1	0.9	1.8	1.0	0.2	0.2	0.3	1.3	1.7	7.6	978
21 - 24		*	*	*	*	0.3	0.7	0.2	0.1	0.1	0.1	0.4	0.4	2.5	314
25 - 33		-	*	-	-	0.2	0.8	0.2	0.1	*	0.1	0.1	0.2	1.6	207
34 - 47		-	-	-	-	*	0.1	*	*	-	-	-	-	0.1	12
> 48		-	-	*	-	-	-	-	-	-	-	-	-	0.0	1
TOTAL %	3.2	7.1	5.0	8.3	5.0	7.7	12.9	6.9	3.7	4.0	5.3	13.0	17.7	100.0	
TOTAL N	409	912	646	1068	643	986	1655	890	475	514	683	1667	2263		12811

(* < 0.05%)

STATION: DESWL

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

Month: OCT

WIND SPEED	CALM	WIND DIRECTION												TOT %	TOT N
		35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
0	2.1	*	*	*	*	*	*	0.1	0.1	*	*	0.1	0.1	2.6	348
1 - 3		1.3	1.2	1.5	1.8	1.2	1.2	1.1	0.9	0.7	1.0	1.3	1.2	14.4	1918
4 - 6		1.6	2.1	4.2	3.3	1.6	1.9	1.6	0.8	0.6	1.1	1.6	2.1	22.5	2997
7 - 10		1.0	0.8	4.5	1.3	1.7	3.3	1.5	0.7	0.6	1.0	2.1	2.4	20.9	2779
11 - 15		0.5	0.1	0.7	0.5	2.3	4.5	1.4	0.7	0.8	0.6	1.8	2.0	15.9	2108
16 - 20		0.1	*	*	0.4	2.0	3.5	1.0	0.6	0.4	0.4	1.0	1.1	10.5	1401
21 - 24		*	-	-	0.2	1.2	2.2	0.7	0.2	0.3	0.2	0.4	0.2	5.5	727
25 - 33		*	-	-	0.3	1.1	3.1	0.6	0.2	0.1	0.1	0.3	*	5.9	784
34 - 47		-	-	-	0.1	0.4	1.0	0.1	0.1	*	*	*	-	1.7	228
> 48		-	-	-	-	*	*	-	-	-	-	-	-	0.0	4
TOTAL %	2.1	4.5	4.3	10.9	8.0	11.6	20.8	8.0	4.3	3.5	4.4	8.5	9.2	100.0	
TOTAL N	274	599	567	1450	1059	1542	2768	1057	566	470	586	1129	1227		13294

(* < 0.05%)

STATION: DESWL

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

Month: NOV

WIND SPEED	CALM	WIND DIRECTION												TOT %	TOT N	
		35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34			
0	1.0	*	*	*	*	*	*	*	*	*	-	*	*	*	1.2	150
1 - 3		0.7	0.9	1.3	1.3	0.9	0.5	0.6	0.4	0.4	0.3	0.4	0.5	8.2	1042	
4 - 6		1.0	1.3	4.1	3.1	1.3	1.5	0.9	0.5	0.4	0.4	0.6	0.8	15.9	2029	
7 - 10		0.9	0.7	4.3	1.5	2.2	3.1	0.9	0.5	0.7	0.7	0.8	0.9	17.2	2192	
11 - 15		0.4	0.3	0.9	0.5	4.5	4.7	1.2	1.1	0.9	0.8	1.3	0.8	17.3	2202	
16 - 20		0.1	0.1	0.1	0.5	5.3	4.7	1.2	1.1	0.9	0.6	1.6	0.7	16.9	2159	
21 - 24		*	0.1	*	0.3	2.5	2.6	0.7	0.7	0.5	0.4	0.9	0.2	9.0	1146	
25 - 33		-	*	-	0.2	3.2	3.6	1.3	0.9	0.4	0.2	0.9	0.1	10.9	1395	
34 - 47		-	-	-	*	1.1	1.3	0.5	0.1	0.1	0.1	0.1	*	3.3	420	
> 48		-	-	-	-	*	0.1	*	*	-	-	-	-	0.2	24	
TOTAL %	1.0	3.1	3.4	10.7	7.4	21.1	22.2	7.4	5.3	4.2	3.5	6.7	4.0	100.0		
TOTAL N	124	394	435	1362	947	2686	2830	940	682	538	450	858	513		12759	

(* < 0.05%)

STATION: DESWL

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

Month: DEC

WIND SPEED	CALM	WIND DIRECTION												TOT %	TOT N
		35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
0	2.1	*	0.1	*	0.1	*	*	0.1	*	*	*	*	*	2.4	324
1 - 3		0.9	1.1	1.7	1.7	1.0	1.0	0.8	0.4	0.3	0.4	0.4	0.6	10.3	1373
4 - 6		1.1	2.2	4.8	3.1	1.4	1.6	1.0	0.4	0.3	0.3	0.3	0.6	17.1	2275
7 - 10		0.6	1.2	4.5	1.4	2.4	2.7	0.6	0.3	0.5	0.3	0.4	0.5	15.5	2061
11 - 15		0.4	0.2	0.6	0.7	4.1	4.6	0.7	0.7	0.8	0.7	0.9	0.4	14.8	1964
16 - 20		0.2	0.2	0.1	0.6	4.9	3.7	0.9	0.7	0.7	0.8	0.8	0.4	13.9	1849
21 - 24		0.1	0.2	*	0.3	3.3	2.4	0.5	0.6	0.4	0.4	0.7	0.2	9.2	1224
25 - 33		*	0.2	*	0.4	4.2	3.4	1.0	0.9	0.8	0.5	1.0	0.2	12.8	1699
34 - 47		*	*	-	*	1.3	1.2	0.5	0.2	0.3	0.2	0.2	-	3.9	518
> 48		-	-	-	-	*	*	-	-	*	-	*	-	0.1	13
TOTAL %	2.1	3.4	5.4	11.7	8.3	22.7	20.7	6.1	4.2	4.1	3.5	4.8	2.9	100.0	
TOTAL N	277	448	722	1560	1101	3013	2755	816	565	542	471	642	388		13300

(* < 0.05%)

STATION: DESWL

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

All Months: Annual

WIND SPEED	CALM	WIND DIRECTION												TOT %	TOT N
		35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
0	1.9	*	*	*	*	*	*	*	*	*	*	*	*	2.3	3406
1 - 3		1.1	1.1	1.2	1.3	1.0	1.0	1.0	0.8	0.8	0.9	1.1	1.1	12.3	18203
4 - 6		1.6	1.6	3.2	2.1	1.2	1.7	1.3	1.0	1.1	1.4	2.0	2.1	20.0	29536
7 - 10		1.4	0.7	3.1	0.9	1.7	2.8	1.6	0.9	1.0	1.3	2.7	3.0	21.2	31360
11 - 15		0.7	0.2	0.7	0.3	2.7	3.6	1.6	0.8	0.8	1.1	2.7	3.1	18.2	26873
16 - 20		0.1	0.1	0.1	0.2	2.6	3.1	1.2	0.6	0.6	0.6	1.7	1.7	12.5	18478
21 - 24		*	*	*	0.1	1.4	1.7	0.6	0.3	0.3	0.3	0.7	0.5	6.1	8958
25 - 33		*	*	*	0.1	1.5	2.1	0.6	0.4	0.2	0.2	0.4	0.3	5.8	8554
34 - 47		*	*	-	*	0.4	0.6	0.2	0.1	0.1	*	0.1	*	1.5	2242
> 48		*	-	*	-	*	*	*	*	*	-	*	-	0.1	92
TOTAL %	1.9	4.8	3.9	8.3	5.0	12.5	16.6	8.2	4.9	4.8	5.9	11.5	11.8	100.0	
TOTAL N	2800	7123	5720	12253	7411	18449	24454	12107	7202	7090	8682	16969	17442		147702

(* < 0.05%)

STATION: DESWL

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	1.7	*	*	*	*	*	*	*	*	*	*	*	*	2.0	708
1 - 3		0.8	1.1	1.5	1.7	1.0	0.9	0.8	0.5	0.5	0.5	0.6	0.8	10.6	3754
4 - 6		1.1	1.9	4.6	2.9	1.4	1.5	1.0	0.5	0.5	0.5	0.6	0.8	17.2	6114
7 - 10		0.6	1.1	4.9	1.3	2.4	2.8	0.9	0.5	0.6	0.5	0.7	0.8	17.1	6064
11 - 15		0.4	0.4	1.1	0.5	4.0	4.5	1.0	0.7	0.8	0.8	0.9	0.6	15.7	5583
16 - 20		0.2	0.3	0.1	0.4	4.6	4.1	1.0	0.8	0.7	0.8	0.9	0.5	14.4	5132
21 - 24		0.1	0.1	*	0.1	2.9	2.6	0.8	0.6	0.5	0.4	0.6	0.2	8.9	3159
25 - 33		*	0.1	*	0.1	3.2	3.4	1.2	0.8	0.5	0.4	0.7	0.2	10.7	3804
34 - 47		*	*	-	*	1.0	1.2	0.5	0.2	0.2	0.1	0.2	*	3.3	1174

> 48	-	-	-	-	-	*	*	*	*	*	-	*	-	0.1	31
TOTAL %	1.7	3.2	5.1	12.3	7.1	20.5	21.1	7.1	4.6	4.3	4.1	5.1	4.0	100.0	
TOTAL N	597	1121	1815	4354	2506	7290	7492	2513	1619	1514	1465	1824	1413		35523

(* < 0.05%)

STATION: DESW1

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

Months: MAR, APR, MAY (Spring)

WIND SPEED	CALM	WIND DIRECTION												TOT %	TOT N
		35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
0	1.4	*	*	*	*	*	*	*	*	*	*	*	*	1.7	610
1 - 3		0.7	0.8	0.9	0.9	0.7	0.7	0.7	0.7	0.7	0.7	0.9	0.8	9.2	3289
4 - 6		1.1	1.4	2.7	1.7	0.8	1.3	1.2	1.2	1.4	1.6	2.0	1.5	17.9	6384
7 - 10		1.3	0.8	3.2	0.8	1.6	2.5	2.0	1.7	1.5	1.9	3.2	2.4	22.9	8185
11 - 15		0.8	0.2	0.8	0.3	2.5	3.3	2.5	1.4	1.2	1.6	3.5	2.9	20.9	7475
16 - 20		0.1	*	0.1	0.1	2.3	3.2	2.1	0.8	0.8	0.9	2.5	1.8	14.5	5195
21 - 24		*	*	*	*	1.3	1.9	0.9	0.3	0.3	0.4	0.9	0.5	6.7	2401
25 - 33		-	*	-	*	1.2	1.9	0.7	0.2	0.2	0.2	0.3	0.3	5.0	1800
34 - 47		-	-	-	-	0.3	0.4	0.2	*	*	*	*	*	1.0	362
> 48		*	-	-	-	-	*	*	*	*	-	-	-	0.1	26
TOTAL %	1.4	4.0	3.2	7.7	3.9	10.5	15.2	10.4	6.5	6.2	7.4	13.3	10.2	100.0	
TOTAL N	504	1422	1156	2750	1392	3769	5440	3713	2326	2208	2645	4768	3634		35727

(* < 0.05%)

STATION: DESW1

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

Months: JUN, JUL, AUG (Summer)

WIND SPEED	CALM	WIND DIRECTION												TOT %	TOT N
		35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
0	2.4	*	0.1	*	*	*	0.1	0.1	*	0.1	0.1	*	*	2.9	1099
1 - 3		1.5	1.2	1.1	1.0	0.9	1.3	1.3	1.1	1.2	1.4	1.7	1.7	15.4	5785
4 - 6		2.2	1.2	1.6	0.9	1.0	1.9	1.8	1.3	1.6	2.3	3.5	3.6	22.9	8618
7 - 10		2.3	0.4	0.7	0.3	1.3	2.7	2.2	1.0	1.1	1.9	4.8	5.8	24.5	9193
11 - 15		1.0	*	*	0.1	1.3	2.6	1.8	0.4	0.5	1.2	4.4	6.5	19.8	7453
16 - 20		0.1	-	-	*	0.8	1.6	0.7	0.1	0.3	0.5	2.3	3.3	9.6	3613
21 - 24		*	-	-	*	0.3	0.6	0.2	*	0.1	0.2	0.9	1.0	3.2	1211
25 - 33		*	-	-	*	0.2	0.4	*	*	0.1	*	0.3	0.4	1.5	564
34 - 47		-	-	-	-	*	0.1	*	-	-	-	-	*	0.1	46
> 48		-	-	-	-	*	*	*	-	-	-	-	-	0.0	6
TOTAL %	2.4	7.1	2.9	3.4	2.3	5.8	11.4	8.0	4.1	4.9	7.6	17.9	22.3	100.0	
TOTAL N	892	2675	1101	1269	864	2176	4269	2994	1534	1846	2853	6723	8392		37588

(* < 0.05%)

STATION: DESW1

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	2.1	*	*	*	*	*	*	*	0.1	*	*	*	*	2.5	989
1 - 3		1.3	1.3	1.5	1.6	1.2	1.0	1.0	0.8	0.8	1.0	1.2	1.2	13.8	5375
4 - 6		1.8	1.9	3.8	2.8	1.4	1.9	1.3	0.8	0.7	1.0	1.9	2.3	21.7	8420
7 - 10		1.2	0.7	3.8	1.2	1.8	3.2	1.3	0.6	0.7	0.9	2.1	2.8	20.4	7918
11 - 15		0.5	0.1	0.7	0.5	2.8	4.1	1.3	0.8	0.7	0.6	1.9	2.3	16.4	6362
16 - 20		0.1	0.1	0.1	0.3	2.7	3.4	1.1	0.6	0.5	0.4	1.3	1.2	11.7	4538
21 - 24		*	*	*	0.2	1.3	1.8	0.5	0.3	0.3	0.2	0.6	0.3	5.6	2187
25 - 33		*	*	-	0.2	1.5	2.5	0.7	0.4	0.2	0.1	0.4	0.1	6.1	2386
34 - 47		-	-	-	*	0.5	0.8	0.2	0.1	*	*	*	*	1.7	660
> 48		-	-	*	-	*	*	*	*	-	-	-	-	0.1	29
TOTAL %	2.1	4.9	4.2	10.0	6.8	13.4	18.7	7.4	4.4	3.9	4.4	9.4	10.3	100.0	
TOTAL N	807	1905	1648	3880	2649	5214	7253	2887	1723	1522	1719	3654	4003		38864

(* < 0.05%)

Summary complete: 09-Sep-2003 08:41:51