

ELEMENT: AIR - SEA TEMPERATURE (DEGREES C) -- POR: (10/1984 - 12/2001) (102867 RECORDS, 90.0% 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
13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	#	-	-	-	-	1	#
12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	999	-	-	-	-	1	999
11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	999	-	-	-	-	1	999
10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	999	-	-	-	-	1	999
9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	999	-	-	-	-	1	999
8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	#	2	999	-	-	-	-	5	999
7	-	-	1	#	-	-	-	-	-	-	2	#	-	-	1	#	2	999	7	999	-	-	1	#	14	999
6	-	-	4	999	1	#	1	#	-	-	4	999	1	#	2	999	2	999	8	999	-	-	4	999	27	999
5	2	#	3	999	2	999	5	999	-	-	9	999	5	999	2	999	13	999	18	998	3	#	8	999	70	999
4	3	999	13	999	4	999	15	999	6	#	30	998	87	999	36	999	37	998	59	996	17	999	20	999	327	999
3	31	999	40	997	41	999	40	997	72	999	246	994	720	989	570	995	256	994	250	991	123	998	37	997	2426	996
2	243	996	243	991	236	994	370	992	1047	990	2325	961	3387	901	3263	929	1947	966	1213	967	562	985	288	993	15124	972
1	1206	966	1053	958	1319	965	1851	947	3494	858	3210	651	2831	488	3172	553	3600	753	3887	852	2209	926	1306	964	29138	825
0	2217	818	1884	811	2632	802	3035	718	2286	418	1221	222	873	142	1260	187	2008	361	3383	482	3300	695	2479	831	26578	542
-1	2212	546	1897	548	2289	477	2021	343	829	130	363	59	247	36	278	41	969	142	1255	161	1991	350	2668	578	17019	283
-2	1462	275	992	283	1091	194	657	94	173	25	68	10	43	5	58	9	284	36	328	42	964	142	1760	307	7880	118
-3	493	95	530	144	359	60	90	13	26	3	7	1	2	*	21	2	36	5	100	11	297	41	749	127	2710	41
-4	219	35	291	70	88	15	9	2	-	-	-	-	-	-	-	-	10	1	11	1	89	10	366	51	1083	15
-5	62	8	127	30	32	4	4	*	-	-	-	-	-	-	-	-	-	-	-	-	8	1	121	14	354	4
-6	2	*	66	12	3	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	*	15	2	87	1
-7	-	-	20	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20	*
-8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	*
MEAN	-0.7		-0.8		-0.5		-0.1		0.5		1.1		1.4		1.2		0.7		0.5		-0.1		-0.8		0.2	
S.D.	1.3		1.6		1.2		1.0		0.9		0.9		0.9		0.9		1.1		1.1		1.2		1.4		1.4	
TOTAL	8152		7164		8097		8098		7933		7485		8196		8663		9167		10526		9564		9822		102867	
MAX	4.7		7.3		6.4		5.9		3.9		7.1		5.6		6.5		8.2		12.8		5.4		7.4		12.8	
DATE	1999010909		1993020418		1988032306		2000041217		2001053103		1989061400		1989070300		1990081900		1988091223		1993102714		1986110211		1999122206		1993102714	
MIN	-5.5		-7.4		-5.8		-5.1		-3.3		-3.0		-3.0		-3.2		-4.1		-4.0		-6.1		-6.1		-7.4	
DATE	1997011412		1993022001		1986031815		1995041520		1986050613		1995062708		1985070803		2001082418		1985092419		1999101914		1985111010		1998122116		1993022001	

STATION: 46030

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

ELEMENT: DEW POINT TEMPERATURE (DEGREES C) -- POR: (6/1999 - 6/1999) (8 RECORDS, 0.0% 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	
0	-	-	-	-	-	-	-	-	-	-	8	#	-	-	-	-	-	-	-	-	-	-	-	-	-	8	#
MEAN	-		-		-		-		-		0.0		-		-		-		-		-		-		-	0.0	
S.D.	-		-		-		-		-		0.0		-		-		-		-		-		-		-	0.0	
TOTAL	-		-		-		-		-		8		-		-		-		-		-		-		-	8	
MAX	-		-		-		-		-		0.0		-		-		-		-		-		-		-	0.0	
DATE	-		-		-		-		-		1999061510		-		-		-		-		-		-		-	1999061510	
MIN	-		-		-		-		-		0.0		-		-		-		-		-		-		-	0.0	
DATE	-		-		-		-		-		1999061510		-		-		-		-		-		-		-	1999061510	

(* < 0.05% , # = 100.0%)

STATION: 46030

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

ELEMENT: AIR - DEW POINT TEMPERATURE (DEGREES C) -- POR: (6/1999 - 6/1999) (8 RECORDS, 0.0% 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	
11	-	-	-	-	-	-	-	-	-	-	2	#	-	-	-	-	-	-	-	-	-	-	-	-	-	2	#
10	-	-	-	-	-	-	-	-	-	-	6	750	-	-	-	-	-	-	-	-	-	-	-	-	-	6	750
MEAN	-		-		-		-		-		10.3		-		-		-		-		-		-		-	10.3	
S.D.	-		-		-		-		-		0.2		-		-		-		-		-		-		-	0.2	
TOTAL	-		-		-		-		-		8		-		-		-		-		-		-		-	8	
MAX	-		-		-		-		-		10.6		-		-		-		-		-		-		-	10.6	
DATE	-		-		-		-		-		1999061416		-		-		-		-		-		-		-	1999061416	
MIN	-		-		-		-		-		10.0		-		-		-		-		-		-		-	10.0	
DATE	-		-		-		-		-		1999061414		-		-		-		-		-		-		-	1999061414	

(* < 0.05% , # = 100.0%)

STATION: 46030

S.D.	3.0	3.1	3.1	2.7	2.9	2.7	2.6	2.6	3.0	2.8	2.8	3.0	3.1
TOTAL	6858	6114	7206	7255	6752	6804	8120	8211	8313	9112	8324	8871	91940
MAX	25.0	25.0	25.0	20.0	25.0	20.0	20.0	20.0	25.0	25.0	25.0	25.0	25.0
DATE	2001011818	2000021403	2001030703	2001042812	1991051005	2000062822	1998071416	2001080316	1997092410	1998103001	2001110902	2001122700	2001122700
MIN	3.7	3.8	0.0	3.2	3.2	3.4	3.3	3.1	3.4	2.7	0.0	3.2	0.0
DATE	1993011120	1989021808	1993031313	1990041916	1990050523	1988062904	1991071402	2001081807	1988092806	1992101709	1992111422	1992120519	1993031313

(* < 0.05% , # = 100.0%)

ELEMENT SUMMARY FOR STATION: 46030
 (A) TOTAL STD MET RECORDS READ = 114307
 (B) TOTAL CWIND RECORDS READ = 152448
 (C) TOTAL RECORDS USED IN STATS = 266755

(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	113261	103044	102867	8	113303	106050	105642	24534	91975	91975	91940	0
	1046	11263	11440	114299	1004	8257	8665	127914	22332	22332	22367	114307

STATION: 46030 -- POR (10/1984 - 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	-	-	-	-	-	-	-	-	-	12.3	11.6	9.7	11.1
	MAXIMUM	-	-	-	-	-	-	-	-	-	15.8	14.4	14.1	15.8
	DAY-HR	-	-	-	-	-	-	-	-	-	08-18	16-07	08-20	OCT
	MINIMUM	-	-	-	-	-	-	-	-	-	8.7	7.9	5.0	5.0
	DAY-HR	-	-	-	-	-	-	-	-	-	16-14	26-15	18-14	DEC
	# OBS	-	-	-	-	-	-	-	-	-	630	714	740	2084
1985	MEAN	10.2	8.8	8.2	9.3	10.1	11.0	11.5	12.3	12.3	11.4	8.7	9.0	10.2
	MAXIMUM	14.3	11.2	11.3	12.6	14.4	14.3	15.7	15.2	16.7	18.8	11.7	12.5	18.8
	DAY-HR	06-21	27-19	17-20	05-22	24-00	07-22	10-02	18-22	14-23	04-22	01-23	05-05	OCT
	MINIMUM	6.7	6.2	4.4	6.2	7.8	8.8	8.1	9.3	8.1	9.0	3.8	5.5	3.8
	DAY-HR	02-11	04-16	07-08	20-16	15-13	26-14	18-16	12-16	24-17	29-14	10-10	23-17	NOV
	# OBS	742	670	736	714	743	717	743	740	716	740	720	743	8724
1986	MEAN	11.6	11.2	11.0	9.7	10.0	-	-	11.7	11.9	11.3	11.6	-	11.1
	MAXIMUM	15.2	14.8	17.5	13.2	12.0	-	-	14.0	14.0	15.6	17.2	-	17.5
	DAY-HR	13-01	14-04	19-20	09-00	05-01	-	-	18-21	19-01	26-20	02-11	-	MAR
	MINIMUM	8.5	7.7	5.7	7.1	8.1	-	-	9.8	8.7	7.6	8.9	-	5.7
	DAY-HR	24-19	07-15	18-15	30-13	06-13	-	-	24-16	06-13	16-10	16-04	-	MAR
	# OBS	744	665	623	718	377	-	-	472	719	738	402	-	5458
1988	MEAN	-	-	9.8	9.8	10.5	12.1	11.2	11.7	11.0	11.7	11.5	9.8	11.0
	MAXIMUM	-	-	16.1	12.5	12.9	13.7	13.7	15.2	19.6	13.9	14.2	15.0	19.6
	DAY-HR	-	-	23-06	28-17	10-05	22-02	12-20	24-23	13-00	13-22	03-02	03-20	SEP
	MINIMUM	-	-	7.4	7.4	8.6	10.2	9.0	9.7	7.4	9.0	7.6	5.1	5.1
	DAY-HR	-	-	19-19	08-17	01-13	30-18	25-11	01-17	24-15	24-16	24-00	25-12	DEC
	# OBS	-	-	311	719	229	468	742	739	717	740	710	726	6101
1989	MEAN	8.2	7.7	9.6	10.6	11.0	11.1	12.2	11.9	11.5	11.4	10.8	10.7	10.6
	MAXIMUM	11.3	12.1	12.5	14.8	14.9	17.7	17.2	14.4	15.2	14.2	15.2	14.8	17.7
	DAY-HR	30-01	21-19	06-05	10-05	05-06	14-00	03-00	02-01	29-21	29-23	29-20	01-19	JUN
	MINIMUM	5.3	0.9	5.5	7.4	8.6	9.1	9.8	9.5	8.3	8.3	7.4	6.3	0.9
	DAY-HR	06-16	04-04	03-15	23-13	22-14	04-11	25-17	06-18	13-13	13-15	20-16	19-14	FEB
	# OBS	741	670	740	716	731	719	742	741	715	740	719	739	8713
1990	MEAN	10.2	8.1	9.3	10.8	10.4	12.5	12.3	12.8	14.3	11.2	10.5	8.2	10.8
	MAXIMUM	14.0	12.1	13.6	12.6	13.4	16.0	15.1	17.6	21.0	14.9	13.8	13.0	21.0
	DAY-HR	07-16	23-22	17-01	28-05	21-19	27-21	06-18	30-18	21-12	28-04	04-22	09-03	SEP
	MINIMUM	6.3	2.6	5.3	8.9	8.2	9.8	8.7	9.7	10.6	7.8	8.2	0.0	0.0
	DAY-HR	16-16	13-17	11-16	13-16	05-10	19-15	28-12	03-06	30-16	20-17	26-17	21-20	DEC
	# OBS	741	669	612	455	730	716	739	738	465	725	709	651	7950
1991	MEAN	-	10.1	9.3	9.7	9.7	10.0	11.1	12.5	12.0	12.5	-	10.1	10.7
	MAXIMUM	-	15.7	20.3	11.7	12.1	12.7	13.9	15.6	15.7	14.9	-	13.3	20.3
	DAY-HR	-	24-18	03-14	20-22	05-22	29-21	15-22	29-16	01-00	06-23	-	27-15	MAR
	MINIMUM	-	6.7	5.8	7.4	7.0	7.9	9.0	9.8	8.6	9.8	-	6.6	5.8
	DAY-HR	-	26-16	26-12	10-14	01-07	07-17	07-16	13-16	23-11	02-17	-	20-14	MAR
	# OBS	-	231	628	661	732	714	736	732	717	179	-	320	5650
1992	MEAN	-	-	-	-	-	-	-	-	-	12.9	11.7	10.1	11.5
	MAXIMUM	-	-	-	-	-	-	-	-	-	16.8	15.7	14.0	16.8
	DAY-HR	-	-	-	-	-	-	-	-	-	07-19	02-07	10-06	OCT
	MINIMUM	-	-	-	-	-	-	-	-	-	9.8	7.4	5.9	5.9
	DAY-HR	-	-	-	-	-	-	-	-	-	18-04	15-16	18-02	DEC
	# OBS	-	-	-	-	-	-	-	-	-	573	713	740	2026

1993	MEAN	9.4	10.5	11.2	11.4	12.5	12.5	11.1	12.6	11.2	12.2	10.8	11.1	11.4	
	MAXIMUM	15.8	19.0	13.3	13.3	16.0	16.4	14.4	15.6	13.4	24.1	15.6	15.1	24.1	
	DAY-HR	30-08	04-18	16-13	29-21	29-21	15-00	23-02	09-01	11-02	27-14	28-04	24-04	OCT	
	MINIMUM	5.5	4.3	9.0	8.8	9.0	10.2	9.4	9.5	7.9	9.0	5.9	7.6	4.3	
	DAY-HR	10-06	20-01	01-14	11-12	11-17	29-16	27-16	27-16	25-14	20-16	24-17	23-13	FEB	
	# OBS	732	633	732	718	740	717	740	733	717	740	715	739	8656	
1994	MEAN	10.8	9.9	10.3	10.4	-	-	-	12.2	12.5	11.5	9.4	9.6	10.6	
	MAXIMUM	14.4	13.4	13.8	12.8	-	-	-	14.4	16.2	14.1	12.9	12.5	16.2	
	DAY-HR	17-23	01-20	13-00	21-00	-	-	-	25-23	03-00	04-00	01-00	27-19	SEP	
	MINIMUM	7.1	5.8	5.0	8.0	-	-	-	9.7	9.8	8.7	6.0	5.9	5.0	
	DAY-HR	14-06	18-21	22-13	23-20	-	-	-	28-16	26-13	24-01	25-19	04-16	MAR	
	# OBS	742	654	739	552	-	-	-	168	712	736	715	740	5758	
1995	MEAN	11.4	11.0	10.8	10.5	10.7	11.0	13.1	11.9	13.2	11.9	12.0	12.7	11.7	
	MAXIMUM	14.4	14.8	13.8	13.6	12.8	14.9	16.7	14.4	17.6	15.2	14.5	16.5	17.6	
	DAY-HR	02-19	02-19	28-11	05-00	01-08	26-22	20-21	10-21	01-22	15-02	25-18	12-15	SEP	
	MINIMUM	7.5	5.4	6.3	5.8	8.6	8.7	10.6	9.5	10.2	8.6	9.4	9.8	5.4	
	DAY-HR	16-14	14-09	23-18	15-18	19-15	11-13	18-15	28-13	09-17	30-10	04-10	22-17	FEB	
	# OBS	738	666	739	715	744	713	735	739	715	739	711	739	8693	
1996	MEAN	11.2	11.1	10.9	11.4	10.7	11.0	11.2	11.8	11.8	11.9	11.1	11.6	11.3	
	MAXIMUM	14.9	15.6	14.8	13.7	13.3	15.2	13.7	14.2	14.4	17.3	14.3	14.6	17.3	
	DAY-HR	12-00	13-23	07-22	15-08	21-21	28-00	03-23	29-03	15-09	09-00	10-20	31-21	OCT	
	MINIMUM	6.2	5.2	6.7	8.7	8.6	8.9	9.0	9.0	8.6	9.1	7.9	8.1	5.2	
	DAY-HR	22-15	24-20	05-12	18-13	10-09	01-16	11-13	24-16	26-13	20-15	01-11	22-17	FEB	
	# OBS	736	690	738	732	733	712	834	784	714	732	693	738	8836	
1997	MEAN	10.8	10.5	9.9	10.2	12.7	12.4	12.6	14.0	14.8	12.7	-	-	12.0	
	MAXIMUM	14.9	14.1	14.2	13.1	16.7	16.0	15.2	18.0	18.0	16.3	-	-	18.0	
	DAY-HR	18-22	16-14	18-16	26-20	17-03	01-05	10-02	31-22	02-04	04-19	-	-	SEP	
	MINIMUM	6.1	8.6	6.7	6.9	9.0	10.5	9.4	10.2	11.4	9.5	-	-	6.1	
	DAY-HR	13-19	27-12	04-19	05-15	02-14	16-21	13-18	09-04	30-09	15-17	-	-	JAN	
	# OBS	739	653	738	708	733	711	730	738	716	478	-	-	6944	
1998	MEAN	-	-	-	-	-	-	11.6	12.1	12.2	12.3	11.7	9.3	11.6	
	MAXIMUM	-	-	-	-	-	-	14.6	14.2	14.7	17.6	14.3	13.2	17.6	
	DAY-HR	-	-	-	-	-	-	31-01	01-00	18-23	07-01	26-02	02-23	OCT	
	MINIMUM	-	-	-	-	-	-	9.6	10.4	10.4	9.2	8.7	2.4	2.4	
	DAY-HR	-	-	-	-	-	-	26-12	27-17	03-15	22-10	02-15	21-16	DEC	
	# OBS	-	-	-	-	-	-	720	781	709	737	694	708	4349	
1999	MEAN	9.9	9.5	9.0	9.3	9.3	10.5	-	-	11.5	10.7	12.1	10.0	10.1	
	MAXIMUM	14.1	11.8	11.8	13.7	11.2	12.5	-	-	12.7	16.3	15.5	16.7	16.7	
	DAY-HR	09-09	12-21	19-08	15-10	11-22	24-23	-	-	28-22	17-13	11-18	22-06	DEC	
	MINIMUM	5.4	5.0	5.1	6.0	7.7	8.7	-	-	10.0	7.0	8.8	4.7	4.7	
	DAY-HR	24-06	10-14	09-07	03-19	09-18	07-13	-	-	28-17	19-12	30-20	27-18	DEC	
	# OBS	727	634	675	500	714	602	-	-	153	715	674	739	6133	
2000	MEAN	10.5	11.2	9.8	10.7	11.8	10.9	11.7	11.9	12.4	11.3	10.5	11.4	11.2	
	MAXIMUM	13.7	17.6	11.5	15.1	13.5	14.7	14.0	13.5	16.3	15.7	13.3	14.2	17.6	
	DAY-HR	16-02	03-09	31-23	12-17	16-00	15-02	27-23	22-01	14-12	23-12	29-07	07-05	FEB	
	MINIMUM	7.2	7.2	6.8	7.7	8.9	7.7	9.8	9.8	9.2	8.2	7.1	8.5	6.8	
	DAY-HR	12-08	23-18	08-01	03-16	07-02	17-11	07-15	28-18	23-03	05-03	13-17	24-16	MAR	
	# OBS	709	684	736	707	732	712	737	742	701	732	713	744	8649	
2001	MEAN	10.4	9.3	9.8	9.2	10.2	10.9	11.2	12.3	11.7	11.6	12.0	10.8	10.8	
	MAXIMUM	13.5	12.3	12.9	12.2	13.3	13.4	13.1	15.3	15.1	14.9	15.9	14.1	15.9	
	DAY-HR	03-08	19-10	06-13	30-23	31-03	27-04	30-05	06-02	25-00	11-06	22-19	24-21	NOV	
	MINIMUM	7.0	4.5	7.4	5.4	8.6	8.4	8.9	10.5	8.8	8.4	8.7	7.3	4.5	
	DAY-HR	31-17	11-20	13-07	03-02	22-12	06-15	08-15	24-18	08-10	27-05	10-09	10-15	FEB	
	# OBS	743	672	741	717	743	718	744	643	700	743	691	682	8537	
POR	MEAN	10.4	9.9	9.9	10.2	10.8	11.3	11.7	12.3	12.3	11.7	11.0	10.3	11.0	
	MAXIMUM	15.8	19.0	20.3	15.1	16.7	17.7	17.2	18.0	21.0	24.1	17.2	16.7	24.1	
	YEAR	1993	1993	1991	2000	1997	1989	1989	1997	1990	1993	1986	1999	OCT/1993	
	MINIMUM	5.3	0.9	4.4	5.4	7.0	7.7	8.1	9.0	7.4	7.0	3.8	0.0	0.0	
	YEAR	1989	1989	1985	2001	1991	2000	1985	1985	1996	1988	1999	1985	1990	DEC/1990
	# OBS	8834	8191	9488	9332	8681	8219	8942	9490	9886	11417	10293	10488	113261	

STATION: 46030 -- POR (10/1984 - 12/2001)

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

ELEMENT: SEA TEMPERATURE (DEGREES C)

YEAR	ELEMENT	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1984	MEAN	-	-	-	-	-	-	-	-	-	12.2	11.7	10.8	11.5
	MAXIMUM	-	-	-	-	-	-	-	-	-	14.4	13.2	12.5	14.4

	DAY-HR	-	-	-	-	-	-	-	-	-	13-01	12-20	11-02	OCT
	MINIMUM	-	-	-	-	-	-	-	-	-	8.7	9.7	9.5	8.7
	DAY-HR	-	-	-	-	-	-	-	-	-	27-16	02-14	24-18	OCT
	# OBS	-	-	-	-	-	-	-	-	-	628	712	741	2081
1985	MEAN	10.9	-	9.1	10.0	10.0	10.8	11.2	12.1	12.5	11.5	10.4	11.3	10.9
	MAXIMUM	11.7	-	10.8	12.8	12.9	13.0	15.8	15.0	17.5	13.9	11.6	12.7	17.5
	DAY-HR	24-01	-	31-00	12-01	23-18	22-23	09-22	08-07	14-23	05-04	02-01	31-23	SEP
	MINIMUM	9.8	-	7.4	8.7	8.8	9.2	9.1	10.0	10.3	10.0	9.5	10.3	7.4
	DAY-HR	01-17	-	06-20	18-18	15-06	27-11	01-14	12-15	05-19	19-19	13-07	13-10	MAR
	# OBS	742	-	735	713	743	717	743	741	715	741	720	744	8054
1986	MEAN	12.3	12.3	12.5	10.4	10.3	-	-	10.9	11.3	11.4	11.1	-	11.5
	MAXIMUM	12.7	13.5	14.6	13.2	12.2	-	-	12.4	13.3	14.0	13.4	-	14.6
	DAY-HR	31-11	24-01	26-23	01-00	05-03	-	-	16-19	27-23	27-23	03-02	-	MAR
	MINIMUM	11.9	11.2	11.2	8.8	8.8	-	-	9.7	9.0	9.0	9.3	-	8.8
	DAY-HR	27-10	11-22	31-07	30-07	14-10	-	-	13-23	03-12	05-16	12-10	-	MAY
	# OBS	744	663	623	718	377	-	-	397	719	738	402	-	5381
1988	MEAN	-	-	9.5	9.3	10.9	11.1	9.5	10.6	10.3	11.1	11.6	10.0	10.4
	MAXIMUM	-	-	10.5	12.0	12.1	12.8	15.3	13.3	12.0	12.6	12.5	12.1	15.3
	DAY-HR	-	-	27-01	28-10	03-00	14-08	20-02	25-01	15-01	05-01	09-00	05-16	JUL
	MINIMUM	-	-	8.0	7.9	10.1	8.3	7.8	9.1	9.0	9.4	10.2	8.7	7.8
	DAY-HR	-	-	30-16	12-11	07-01	30-19	10-13	31-19	23-10	01-17	21-17	17-08	JUL
	# OBS	-	-	301	718	229	468	742	739	718	742	707	731	6095
1989	MEAN	9.1	9.0	9.8	10.5	10.0	9.5	10.4	10.2	11.2	10.8	10.5	11.6	10.2
	MAXIMUM	9.5	10.2	11.0	12.5	12.9	12.0	14.4	12.5	12.9	12.5	12.6	12.9	14.4
	DAY-HR	11-07	25-02	29-02	30-23	05-22	14-11	03-07	06-02	29-23	01-01	30-23	02-22	JUL
	MINIMUM	8.6	7.5	8.6	8.9	7.8	8.3	8.3	8.9	9.6	9.7	9.0	10.2	7.5
	DAY-HR	30-15	03-13	05-15	12-05	22-22	25-07	21-18	18-13	04-21	22-01	19-11	31-15	FEB
	# OBS	741	670	739	717	732	718	742	740	715	740	719	739	8712
1990	MEAN	10.7	9.4	10.0	10.7	9.5	11.4	10.8	11.5	14.6	13.4	-	-	10.9
	MAXIMUM	11.8	10.3	11.3	12.1	12.5	13.7	13.6	16.7	18.1	15.2	-	-	18.1
	DAY-HR	09-23	24-04	26-06	21-02	29-01	11-03	04-09	31-01	23-05	01-03	-	-	SEP
	MINIMUM	9.7	7.9	9.1	9.0	7.9	8.3	9.1	9.4	11.6	12.5	-	-	7.9
	DAY-HR	30-21	18-16	11-16	30-23	08-15	22-12	28-06	11-10	08-17	02-08	-	-	MAY
	# OBS	741	670	611	455	731	716	739	738	469	25	-	-	5895
1991	MEAN	-	-	-	-	-	-	-	-	-	-	-	10.1	10.1
	MAXIMUM	-	-	-	-	-	-	-	-	-	-	-	11.4	11.4
	DAY-HR	-	-	-	-	-	-	-	-	-	-	-	24-07	DEC
	MINIMUM	-	-	-	-	-	-	-	-	-	-	-	9.0	9.0
	DAY-HR	-	-	-	-	-	-	-	-	-	-	-	14-04	DEC
	# OBS	-	-	-	-	-	-	-	-	-	-	-	318	318
1992	MEAN	-	-	-	-	-	-	-	-	-	12.5	11.8	11.4	11.9
	MAXIMUM	-	-	-	-	-	-	-	-	-	16.0	14.9	12.5	16.0
	DAY-HR	-	-	-	-	-	-	-	-	-	07-21	02-23	10-05	OCT
	MINIMUM	-	-	-	-	-	-	-	-	-	10.2	9.4	9.9	9.4
	DAY-HR	-	-	-	-	-	-	-	-	-	15-23	11-17	25-09	NOV
	# OBS	-	-	-	-	-	-	-	-	-	573	711	739	2023
1993	MEAN	11.2	11.5	11.6	11.6	12.0	11.5	9.2	10.9	10.5	11.3	10.8	11.4	11.1
	MAXIMUM	11.7	12.1	13.3	13.0	14.4	15.3	11.7	14.9	12.9	14.0	12.9	12.1	15.3
	DAY-HR	31-02	13-00	24-23	20-00	31-23	10-01	29-00	09-02	10-22	16-00	10-08	31-01	JUN
	MINIMUM	10.1	10.6	10.6	9.7	8.6	8.3	7.5	8.7	9.5	9.7	8.9	10.3	7.5
	DAY-HR	01-13	20-06	29-15	30-14	13-21	29-16	05-14	29-17	22-15	03-13	15-18	06-16	JUL
	# OBS	732	632	731	717	739	717	736	733	716	740	714	739	8646
1994	MEAN	11.9	10.2	-	-	-	-	-	10.5	11.5	10.9	10.2	10.9	10.8
	MAXIMUM	12.1	11.8	-	-	-	-	-	12.8	14.5	12.6	11.8	11.7	14.5
	DAY-HR	02-23	23-21	-	-	-	-	-	27-23	03-01	01-22	01-02	23-02	SEP
	MINIMUM	11.7	7.4	-	-	-	-	-	9.0	9.4	9.0	8.7	9.8	7.4
	DAY-HR	02-10	18-22	-	-	-	-	-	25-16	07-13	24-10	22-11	30-17	FEB
	# OBS	69	534	-	-	-	-	-	168	712	736	714	739	3672
1995	MEAN	11.3	11.8	12.0	11.1	10.1	10.2	11.8	10.4	11.8	11.0	12.0	13.6	11.4
	MAXIMUM	11.8	12.8	13.4	13.4	12.8	13.6	16.4	12.8	16.0	13.0	15.2	15.0	16.4
	DAY-HR	31-23	09-22	31-02	10-23	03-00	28-04	21-01	11-01	13-03	20-01	13-03	11-21	JUL
	MINIMUM	10.6	11.0	11.0	8.6	7.9	8.2	9.4	9.0	9.5	9.5	10.2	12.2	7.9
	DAY-HR	06-23	15-12	28-11	27-18	30-02	03-15	18-03	02-14	09-22	25-08	04-15	03-20	MAY
	# OBS	737	666	739	715	744	714	734	739	715	739	711	739	8692
1996	MEAN	12.2	12.1	10.8	11.6	9.6	9.7	10.2	10.6	11.2	11.3	11.1	12.1	11.0
	MAXIMUM	13.6	13.3	13.3	13.4	12.6	13.9	12.8	12.6	13.6	12.8	12.8	12.8	13.9
	DAY-HR	01-00	21-19	09-22	25-23	20-02	28-02	19-02	07-00	08-04	04-22	22-05	30-20	JUN
	MINIMUM	10.5	11.0	8.7	9.4	7.9	8.2	8.7	9.0	9.4	9.0	9.5	10.9	7.9
	DAY-HR	28-15	01-21	26-08	01-04	11-16	06-20	09-19	08-18	24-19	29-10	10-19	02-14	MAY
	# OBS	736	690	738	732	733	712	834	784	714	732	693	738	8836
1997	MEAN	11.8	10.9	9.7	9.8	12.4	11.2	11.1	12.9	13.3	12.4	-	-	11.5
	MAXIMUM	12.8	12.1	11.3	12.1	15.6	15.9	14.4	17.5	17.5	15.2	-	-	17.5

	DAY-HR	03-03	03-01	20-10	27-01	31-00	04-22	10-02	28-07	01-05	04-21	-	-	SEP
	MINIMUM	10.5	9.1	8.3	8.3	9.4	9.0	9.0	10.2	11.3	10.6	-	-	8.3
	DAY-HR	14-10	26-10	29-13	11-16	07-03	19-17	14-18	09-15	30-11	20-21	-	-	APR
	# OBS	739	653	738	708	730	711	730	738	716	478	-	-	6941
1998	MEAN	-	-	-	-	-	-	10.3	10.8	11.6	11.7	12.0	10.5	11.1
	MAXIMUM	-	-	-	-	-	-	14.4	13.6	14.2	13.6	12.8	12.8	14.4
	DAY-HR	-	-	-	-	-	-	30-03	28-22	18-22	09-23	27-20	03-01	JUL
	MINIMUM	-	-	-	-	-	-	8.7	9.8	9.9	9.5	10.0	7.7	7.7
	DAY-HR	-	-	-	-	-	-	09-18	14-01	13-14	20-06	03-07	23-18	DEC
	# OBS	-	-	-	-	-	-	719	780	709	734	693	699	4334
1999	MEAN	10.3	10.1	10.0	8.9	8.6	9.5	-	-	10.0	10.4	12.0	10.6	10.1
	MAXIMUM	11.6	10.7	11.0	10.7	11.0	12.0	-	-	11.5	11.7	13.2	12.4	13.2
	DAY-HR	04-23	28-23	08-02	15-22	11-22	24-23	-	-	25-21	07-00	14-00	02-07	NOV
	MINIMUM	9.0	9.0	9.1	7.4	7.5	8.2	-	-	8.6	9.0	10.1	8.7	7.4
	DAY-HR	03-09	10-13	21-14	27-14	19-18	02-10	-	-	29-18	01-12	02-16	21-18	APR
	# OBS	723	638	671	489	706	591	-	-	153	715	674	739	6099
2000	MEAN	10.6	11.5	10.1	10.7	11.7	10.0	10.2	10.2	11.3	10.7	10.8	11.9	10.8
	MAXIMUM	11.7	12.3	11.6	13.5	13.4	14.4	12.4	12.1	13.9	12.6	13.1	13.4	14.4
	DAY-HR	20-11	17-23	01-02	23-23	16-00	13-04	27-03	19-00	24-23	29-09	29-20	01-12	JUN
	MINIMUM	9.6	11.1	7.9	7.6	8.7	8.2	8.6	8.8	9.7	9.2	9.3	10.3	7.6
	DAY-HR	08-18	02-03	30-08	02-11	31-22	01-05	07-09	04-05	21-03	04-16	14-07	20-10	APR
	# OBS	709	684	736	707	732	712	736	742	701	727	713	744	8643
2001	MEAN	11.2	9.8	9.9	9.2	9.4	9.7	9.9	11.3	10.8	10.7	11.5	11.1	10.4
	MAXIMUM	12.1	10.9	11.0	12.3	11.9	13.2	11.8	14.6	13.4	15.4	13.0	12.5	15.4
	DAY-HR	11-23	01-00	07-07	30-23	01-02	11-07	30-22	26-05	29-01	05-11	23-03	06-22	OCT
	MINIMUM	10.3	8.3	8.8	7.9	7.9	8.0	8.5	8.8	9.3	9.2	9.4	9.6	7.9
	DAY-HR	19-14	14-15	13-13	08-09	12-19	25-12	08-14	22-18	19-21	16-01	09-17	19-11	MAY
	# OBS	743	672	740	717	742	718	744	642	700	743	718	743	8622
POR	MEAN	11.1	10.8	10.4	10.3	10.3	10.4	10.4	11.0	11.6	11.3	11.2	11.3	10.9
	MAXIMUM	13.6	13.5	14.6	13.5	15.6	15.9	16.4	17.5	18.1	16.0	15.2	15.0	18.1
	YEAR	1996	1986	1986	2000	1997	1997	1995	1990	1992	1995	1995	1995	SEP/1990
	MINIMUM	8.6	7.4	7.4	7.4	7.5	8.0	7.5	8.7	8.6	8.7	8.7	7.7	7.4
	YEAR	1989	1994	1985	1999	1999	2001	1993	1993	1999	1984	1994	1998	APR/1999
	# OBS	8156	7172	8102	8106	7938	7494	8199	8681	9172	10531	9601	9892	103044

STATION: 46030 -- POR (6/1999 - 6/1999)

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
1999	MEAN	-	-	-	-	-	0.0	-	-	-	-	-	-	0.0
	MAXIMUM	-	-	-	-	-	0.0	-	-	-	-	-	-	0.0
	DAY-HR	-	-	-	-	-	15-10	-	-	-	-	-	-	JUN
	MINIMUM	-	-	-	-	-	0.0	-	-	-	-	-	-	0.0
	DAY-HR	-	-	-	-	-	15-10	-	-	-	-	-	-	JUN
	# OBS	-	-	-	-	-	8	-	-	-	-	-	-	8
POR	MEAN	-	-	-	-	-	0.0	-	-	-	-	-	-	0.0
	MAXIMUM	-	-	-	-	-	0.0	-	-	-	-	-	-	0.0
	YEAR	-	-	-	-	-	1999	-	-	-	-	-	-	JUN/1999
	MINIMUM	-	-	-	-	-	0.0	-	-	-	-	-	-	0.0
	YEAR	-	-	-	-	-	1999	-	-	-	-	-	-	JUN/1999
	# OBS	-	-	-	-	-	8	-	-	-	-	-	-	8

STATION: 46030 -- POR (10/1984 - 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	-	-	-	-	-	-	-	-	-	1018.6	1015.5	1017.2	1017.0
	MAXIMUM	-	-	-	-	-	-	-	-	-	1028.0	1025.9	1029.6	1029.6
	DAY-HR	-	-	-	-	-	-	-	-	-	13-19	19-07	31-07	DEC
	MINIMUM	-	-	-	-	-	-	-	-	-	1002.3	997.2	1006.3	997.2
	DAY-HR	-	-	-	-	-	-	-	-	-	16-19	13-04	15-21	NOV
	# OBS	-	-	-	-	-	-	-	-	-	630	713	740	2083
1985	MEAN	1021.7	1021.6	1019.7	1019.4	1017.5	1016.7	1016.3	1017.0	1015.5	1017.4	1018.2	1021.7	1018.5

	MAXIMUM	1028.9	1029.3	1032.8	1030.3	1025.3	1023.5	1022.7	1021.3	1022.7	1024.9	1030.3	1029.5	1032.8
	DAY-HR	11-20	24-19	30-19	24-19	03-22	08-06	10-19	02-18	14-21	12-19	19-19	13-15	MAR
	MINIMUM	1010.5	1006.6	1000.9	1007.1	1009.5	1008.8	1009.7	1009.9	1010.3	1000.5	993.1	988.2	988.2
	DAY-HR	07-06	08-03	26-21	21-03	16-02	20-12	25-04	16-13	17-14	20-23	29-13	02-14	DEC
	# OBS	742	670	736	714	743	717	743	741	716	741	720	744	8727
1986	MEAN	1017.7	1014.2	1015.9	1020.0	1018.9	-	-	1015.0	1014.7	1017.6	1021.2	-	1017.1
	MAXIMUM	1029.3	1027.1	1028.2	1030.2	1023.9	-	-	1020.4	1021.7	1024.9	1030.7	-	1030.7
	DAY-HR	06-18	04-19	18-18	18-05	08-06	-	-	18-18	29-19	31-06	09-05	-	NOV
	MINIMUM	998.6	986.9	995.8	1011.3	1011.6	-	-	1009.0	1001.0	1011.3	1012.0	-	986.9
	DAY-HR	31-15	14-23	10-12	06-13	02-13	-	-	14-13	24-16	23-12	14-01	-	FEB
	# OBS	744	665	622	718	376	-	-	482	719	738	402	-	5466
1988	MEAN	-	-	1024.9	1016.3	1020.8	1016.9	1016.8	1013.9	1015.4	1017.1	1018.0	1021.2	1017.5
	MAXIMUM	-	-	1031.0	1029.2	1032.1	1023.5	1022.6	1019.8	1025.7	1025.2	1031.7	1030.7	1032.1
	DAY-HR	-	-	24-19	30-23	01-19	29-07	16-23	24-19	27-17	28-19	07-06	-	MAY
	MINIMUM	-	-	1018.2	1000.6	1013.5	1011.9	1012.2	1005.6	1007.8	1009.5	1002.0	1005.2	1000.6
	DAY-HR	-	-	31-23	20-02	05-12	14-12	19-12	31-12	01-02	27-12	13-16	24-14	APR
	# OBS	-	-	312	719	229	468	740	739	718	742	707	733	6107
1989	MEAN	1023.9	1021.9	1016.6	1017.2	1018.9	1016.0	1018.9	1014.9	1013.8	1017.4	1019.8	1021.9	1018.4
	MAXIMUM	1036.5	1030.5	1028.6	1029.4	1025.7	1023.8	1023.7	1020.5	1021.7	1027.2	1029.0	1030.5	1036.5
	DAY-HR	11-19	11-19	29-19	04-05	18-22	20-17	08-06	23-22	30-20	28-08	27-11	23-05	JAN
	MINIMUM	1011.6	1010.6	996.2	1008.7	1011.8	1003.1	1013.1	1007.8	1006.1	1002.6	1002.9	1012.1	996.2
	DAY-HR	23-06	18-16	02-13	25-00	15-11	23-12	22-12	17-09	17-11	23-10	25-20	17-22	MAR
	# OBS	741	670	740	717	731	718	742	741	715	740	719	738	8712
1990	MEAN	1019.8	1021.7	1019.8	1017.8	1015.6	1017.3	1015.1	1015.9	1016.0	1018.7	1022.2	1022.0	1018.5
	MAXIMUM	1032.0	1030.5	1026.8	1025.8	1021.0	1023.5	1019.6	1020.7	1019.9	1024.0	1029.6	1031.9	1032.0
	DAY-HR	04-19	10-06	13-20	26-08	06-08	12-20	02-22	22-08	08-17	09-19	08-19	02-18	JAN
	MINIMUM	1000.4	1004.1	1010.2	1007.7	1003.4	1008.9	1007.2	1010.8	1008.7	1009.3	1011.2	1006.4	1000.4
	DAY-HR	12-20	16-14	10-22	23-11	27-12	21-12	15-14	26-13	21-13	31-00	25-14	19-16	JAN
	# OBS	741	669	612	455	731	715	739	739	470	732	710	654	7967
1991	MEAN	-	1017.0	1012.5	1020.6	1018.8	1016.9	1016.1	1017.0	1014.7	1015.6	-	1018.0	1016.7
	MAXIMUM	-	1031.0	1027.1	1030.8	1024.1	1022.1	1020.5	1022.0	1019.7	1021.7	-	1030.4	1031.0
	DAY-HR	-	19-19	07-17	10-09	05-22	16-23	17-22	22-05	30-23	01-18	-	19-19	FEB
	MINIMUM	-	990.7	985.5	1012.3	1012.7	1008.7	1009.5	1011.7	1007.9	1009.7	-	1001.4	985.5
	DAY-HR	-	28-23	01-13	20-01	01-11	28-13	05-14	06-13	06-03	04-15	-	27-21	MAR
	# OBS	-	231	625	660	735	716	737	732	717	179	-	319	5651
1992	MEAN	-	-	-	-	-	-	-	-	-	1014.7	1021.1	1015.9	1017.4
	MAXIMUM	-	-	-	-	-	-	-	-	-	1023.4	1031.3	1030.5	1031.3
	DAY-HR	-	-	-	-	-	-	-	-	-	22-20	27-19	22-19	NOV
	MINIMUM	-	-	-	-	-	-	-	-	-	996.3	1010.1	994.4	994.4
	DAY-HR	-	-	-	-	-	-	-	-	-	29-13	22-03	28-23	DEC
	# OBS	-	-	-	-	-	-	-	-	-	573	712	739	2024
1993	MEAN	1014.0	1012.6	1018.6	1019.1	1014.1	1016.5	1016.6	1015.2	1015.9	1016.8	1019.3	1019.1	1016.5
	MAXIMUM	1030.8	1024.2	1031.3	1026.7	1023.7	1023.4	1022.5	1020.3	1021.2	1021.3	1028.4	1032.0	1032.0
	DAY-HR	22-19	13-06	05-19	30-06	07-06	22-21	30-21	10-22	27-19	20-20	23-21	02-18	DEC
	MINIMUM	994.0	990.6	1008.7	1009.1	1006.8	1006.3	1008.7	1008.7	1007.8	1009.6	1006.6	999.7	990.6
	DAY-HR	07-12	19-14	17-15	17-14	03-13	05-10	08-11	03-12	13-16	29-22	28-16	11-14	FEB
	# OBS	732	633	732	718	740	718	736	732	716	741	714	740	8652
1994	MEAN	1020.8	1016.3	1018.6	1019.1	-	-	-	1016.6	1015.8	1016.0	1019.0	1017.9	1017.9
	MAXIMUM	1030.3	1029.8	1028.4	1025.2	-	-	-	1020.5	1021.3	1025.1	1029.9	1032.1	1032.1
	DAY-HR	06-18	11-20	12-19	01-05	-	-	-	29-18	14-21	30-18	28-19	08-19	DEC
	MINIMUM	1004.6	988.3	1000.8	1006.0	-	-	-	1013.5	1011.1	1001.6	1001.9	1002.4	988.3
	DAY-HR	24-00	17-08	24-01	23-12	-	-	-	31-13	21-11	04-04	09-09	24-06	FEB
	# OBS	742	653	738	552	-	-	-	168	711	736	714	740	5754
1995	MEAN	1009.4	1018.6	1013.4	1017.2	1015.2	1016.4	1016.1	1014.0	1016.0	1018.0	1020.8	1017.7	1016.0
	MAXIMUM	1021.7	1028.6	1026.5	1028.6	1021.5	1026.3	1021.1	1020.4	1023.5	1024.5	1029.7	1028.1	1029.7
	DAY-HR	29-19	19-06	15-16	09-19	10-07	06-06	13-05	29-18	05-19	12-20	27-06	31-19	NOV
	MINIMUM	992.4	1004.2	987.5	1005.4	1002.2	1006.7	1008.3	1007.1	1011.4	1009.4	1012.5	983.1	983.1
	DAY-HR	07-05	13-13	10-17	07-01	13-02	26-12	31-12	09-14	27-03	28-23	21-04	12-14	DEC
	# OBS	738	666	740	715	744	713	735	739	715	739	711	739	8694
1996	MEAN	1018.4	1014.4	1018.0	1019.4	1018.0	1018.2	1015.9	1016.5	1015.0	1017.8	1019.0	1015.0	1017.1
	MAXIMUM	1029.8	1026.9	1026.7	1027.6	1025.1	1025.6	1024.2	1021.2	1022.1	1026.7	1030.0	1032.8	1032.8
	DAY-HR	10-18	06-20	15-21	26-19	10-07	18-00	18-22	20-21	19-20	21-20	25-18	14-06	DEC
	MINIMUM	999.1	993.3	996.3	1001.2	1003.8	1008.9	1010.7	1010.1	1006.0	1007.6	997.8	991.1	991.1
	DAY-HR	16-19	20-05	04-15	16-07	17-17	26-14	02-12	26-14	15-08	29-23	19-14	10-07	DEC
	# OBS	736	690	738	732	733	712	834	784	714	732	693	738	8836
1997	MEAN	1017.5	1022.6	1021.4	1020.1	1017.4	1016.3	1016.6	1016.3	1014.3	1016.9	-	-	1017.9
	MAXIMUM	1033.6	1032.1	1029.8	1030.7	1024.4	1022.7	1022.0	1021.9	1025.9	1028.1	-	-	1033.6
	DAY-HR	06-19	13-20	09-21	01-19	06-19	24-00	01-08	05-05	27-07	12-18	-	-	JAN
	MINIMUM	995.6	1007.3	1005.0	1010.9	1011.5	1006.4	1010.9	1008.8	1005.4	1005.0	-	-	995.6
	DAY-HR	26-08	27-14	16-14	19-02	20-03	03-15	26-12	09-10	25-02	01-19	-	-	JAN
	# OBS	739	653	738	708	731	711	730	738	716	478	-	-	6942
1998	MEAN	-	-	-	-	-	-	1017.1	1017.0	1012.6	1017.7	1016.8	1024.5	1017.6

	MAXIMUM	-	-	-	-	-	-	1022.0	1020.8	1022.1	1024.2	1027.7	1033.9	1033.9
	DAY-HR	-	-	-	-	-	-	11-22	02-22	18-20	25-18	19-18	24-18	DEC
	MINIMUM	-	-	-	-	-	-	1013.7	1010.4	1004.2	1008.8	995.0	1003.5	995.0
	DAY-HR	-	-	-	-	-	-	23-12	31-12	03-10	24-11	30-11	01-00	NOV
	# OBS	-	-	-	-	-	-	718	780	708	735	690	699	4330
1999	MEAN	1019.9	1019.4	1016.9	1019.6	1019.7	1017.7	-	-	1017.7	1018.6	1018.6	1025.9	1019.6
	MAXIMUM	1031.6	1032.2	1028.2	1028.4	1027.9	1024.4	-	-	1023.2	1028.5	1033.0	1033.6	1033.6
	DAY-HR	27-19	02-06	01-17	13-21	07-19	06-20	-	-	25-18	29-10	24-19	24-15	DEC
	MINIMUM	1006.5	1004.0	1005.4	1006.6	1010.3	1012.3	-	-	1013.3	1005.8	1000.1	1013.5	1000.1
	DAY-HR	20-19	06-15	03-00	05-20	03-12	21-13	-	-	30-23	27-21	08-04	09-06	NOV
	# OBS	723	635	670	493	706	594	-	-	153	715	674	738	6101
2000	MEAN	1020.3	1014.2	1020.4	1019.2	1018.6	1016.4	1018.3	1017.1	1015.1	1015.9	1020.8	1021.7	1018.2
	MAXIMUM	1033.3	1026.5	1031.5	1027.5	1026.7	1024.1	1024.5	1023.2	1023.6	1026.7	1028.7	1033.5	1033.5
	DAY-HR	05-08	01-19	17-20	23-22	11-21	13-07	18-21	15-22	05-19	31-18	24-19	16-06	DEC
	MINIMUM	998.6	993.9	1000.1	1005.1	1007.8	1004.7	1014.1	1009.5	1004.4	1003.9	1003.8	1009.5	993.9
	DAY-HR	16-06	14-15	05-22	16-13	14-13	17-05	10-13	28-10	22-12	28-10	29-10	21-13	FEB
	# OBS	709	684	736	707	732	713	734	742	700	728	711	744	8640
2001	MEAN	1019.4	1015.9	1019.1	1019.5	1018.7	1018.9	1016.7	1017.7	1014.9	1017.6	1016.0	1017.1	1017.7
	MAXIMUM	1032.4	1030.6	1028.4	1028.5	1029.1	1024.2	1021.8	1022.6	1020.0	1025.5	1025.6	1031.7	1032.4
	DAY-HR	30-06	03-06	26-20	22-22	01-19	28-22	28-20	18-21	05-23	12-18	27-06	07-07	JAN
	MINIMUM	989.9	1000.4	993.3	1007.5	1011.3	1007.0	1010.0	1010.3	1009.2	1005.6	993.8	995.2	989.9
	DAY-HR	11-00	25-01	04-23	20-15	11-12	27-00	25-09	29-13	08-12	30-14	24-14	02-20	JAN
	# OBS	743	672	740	715	742	718	744	639	699	743	719	743	8617
POR	MEAN	1018.6	1017.8	1018.1	1018.9	1017.6	1017.0	1016.7	1016.0	1015.0	1017.3	1019.0	1019.8	1017.7
	MAXIMUM	1036.5	1032.2	1032.8	1030.8	1032.1	1026.3	1024.5	1023.2	1025.9	1028.5	1033.0	1033.9	1036.5
	YEAR	1989	1999	1985	1991	1988	1995	2000	2000	1997	1999	1999	1998	JAN/1989
	MINIMUM	989.9	986.9	985.5	1000.6	1002.2	1003.1	1007.2	1005.6	1001.0	996.3	993.1	983.1	983.1
	YEAR	2001	1986	1991	1988	1995	1989	1990	1988	1986	1992	1985	1995	DEC/1995
	# OBS	8830	8191	9479	9323	8673	8213	8932	9496	9887	11422	10309	10548	113303

STATION: 46030 -- POR (10/1984 - 12/2001)

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

ELEMENT: AVERAGE WIND SPEED (KNOTS)

YEAR	ELEMENT	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1984	MEAN	-	-	-	-	-	-	-	-	-	13.2	15.2	10.4	12.9
	MAXIMUM	-	-	-	-	-	-	-	-	-	31.1	44.7	25.3	44.7
	DAY-HR	-	-	-	-	-	-	-	-	-	12-17	27-16	30-11	NOV
	MINIMUM	-	-	-	-	-	-	-	-	-	0.0	0.0	0.0	0.0
	DAY-HR	-	-	-	-	-	-	-	-	-	27-20	25-02	30-18	DEC
	# OBS	-	-	-	-	-	-	-	-	-	629	714	736	2079
1985	MEAN	9.4	13.8	12.3	13.9	10.1	11.6	10.2	9.0	8.4	10.8	10.7	5.7	10.8
	MAXIMUM	29.2	31.1	35.0	25.3	23.3	25.3	23.3	19.4	19.4	33.0	25.3	15.6	35.0
	DAY-HR	07-08	11-22	26-14	20-21	16-17	16-19	16-11	11-07	21-13	20-23	15-16	27-05	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	27-18	28-23	25-09	22-01	31-14	22-08	31-19	26-21	29-23	27-23	20-10	31-15	DEC
	# OBS	742	670	737	714	743	717	743	742	552	741	475	286	7862
1986	MEAN	14.8	14.1	12.9	-	-	-	-	10.0	8.8	10.4	10.3	-	11.7
	MAXIMUM	38.9	38.9	38.9	-	-	-	-	38.9	23.3	27.2	29.2	-	38.9
	DAY-HR	16-00	02-05	10-01	-	-	-	-	11-08	17-03	29-12	06-05	-	AUG
	MINIMUM	0.0	0.0	0.0	-	-	-	-	0.0	0.0	0.0	0.0	-	0.0
	DAY-HR	28-17	27-14	19-19	-	-	-	-	27-08	27-12	31-03	15-14	-	NOV
	# OBS	741	666	450	-	-	-	-	496	720	738	402	-	4213
1988	MEAN	-	-	12.6	9.2	12.6	16.0	11.4	10.7	11.2	10.6	12.5	12.2	11.6
	MAXIMUM	-	-	31.1	29.2	25.3	25.7	23.1	22.4	23.5	25.9	34.0	35.0	35.0
	DAY-HR	-	-	27-13	19-11	09-15	15-13	10-03	27-11	17-20	13-20	25-02	22-12	DEC
	MINIMUM	-	-	0.0	0.0	0.0	6.8	0.2	0.2	0.4	0.4	0.4	0.0	0.0
	DAY-HR	-	-	20-21	29-14	08-15	16-22	13-04	24-00	23-03	07-11	27-12	13-00	DEC
	# OBS	-	-	311	719	229	468	742	739	718	740	711	733	6110
1989	MEAN	13.4	12.3	15.4	11.5	12.4	11.5	12.0	11.7	8.8	13.2	11.2	10.7	12.0
	MAXIMUM	30.3	29.7	39.5	27.0	24.1	26.8	20.8	22.7	20.4	40.8	21.0	29.2	40.8
	DAY-HR	08-16	18-19	04-22	01-19	22-21	29-23	22-12	17-09	06-15	23-06	23-18	29-00	OCT
	MINIMUM	0.4	0.2	0.8	0.2	0.4	0.2	0.2	0.4	0.2	0.2	0.2	0.2	0.2
	DAY-HR	02-14	16-07	29-05	28-21	01-14	26-01	17-00	22-03	18-00	31-16	25-22	21-07	DEC
	# OBS	740	670	741	718	733	720	742	741	715	740	719	739	8718
1990	MEAN	12.8	10.8	-	13.3	13.1	11.4	10.5	11.4	10.9	11.7	11.0	13.1	11.8
	MAXIMUM	35.0	29.9	-	24.5	30.3	22.4	22.0	24.5	25.9	29.4	25.7	32.7	35.0
	DAY-HR	12-20	01-00	-	22-20	20-00	13-22	05-14	27-03	22-03	30-18	06-04	15-00	JAN
	MINIMUM	0.4	1.7	-	0.8	0.2	0.4	0.2	0.2	0.4	0.4	0.4	0.4	0.2

YEAR	1994	1994	2000	2001	2001	2001	2000	2001	2000	2000	2000	2000	2000	AUG/2001
# OBS	8828	7587	8380	7897	7566	7547	8943	8777	9154	11423	10047	9901	106050	

STATION: 46030 -- POR (10/1984 - 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	-	-	-	-	-	-	-	-	-	16.7	19.8	13.8	16.7
	MAXIMUM	-	-	-	-	-	-	-	-	-	38.9	58.3	35.0	58.3
	DAY-HR	-	-	-	-	-	-	-	-	-	12-17	27-16	12-20	NOV
	# OBS	-	-	-	-	-	-	-	-	-	627	712	735	2074
1985	MEAN	12.2	17.7	16.2	17.2	12.5	14.4	12.6	11.1	10.8	13.7	13.7	7.8	13.6
	MAXIMUM	38.9	40.8	44.7	31.1	31.1	29.2	29.2	25.3	23.3	42.8	31.1	19.4	44.7
	DAY-HR	07-08	11-21	26-14	25-09	16-15	16-19	29-00	04-04	25-22	20-23	15-18	27-05	MAR
	# OBS	741	667	735	714	743	717	743	736	549	740	475	286	7846
1986	MEAN	19.0	18.1	16.8	-	-	-	-	12.7	11.5	13.5	13.1	-	15.1
	MAXIMUM	50.5	50.5	48.6	-	-	-	-	35.0	29.2	33.0	36.9	-	50.5
	DAY-HR	30-06	02-05	10-01	-	-	-	-	13-11	17-03	29-16	06-22	-	FEB
	# OBS	741	665	449	-	-	-	-	450	718	735	401	-	4159
1988	MEAN	-	-	16.7	12.1	16.4	18.9	13.9	13.3	14.1	13.2	16.2	15.6	14.6
	MAXIMUM	-	-	40.8	38.9	35.0	30.7	29.0	26.8	30.5	34.0	44.9	45.9	45.9
	DAY-HR	-	-	27-12	19-11	07-00	15-13	21-13	20-11	17-20	01-23	25-01	22-12	DEC
	# OBS	-	-	312	718	228	468	742	739	717	740	705	732	6101
1989	MEAN	16.8	15.6	19.6	14.2	15.0	14.1	14.3	13.9	11.0	16.3	13.8	13.6	14.9
	MAXIMUM	41.2	41.8	50.3	34.6	31.5	36.4	25.9	28.8	26.4	53.3	27.0	38.7	53.3
	DAY-HR	08-16	18-18	04-22	01-19	16-18	30-00	09-09	17-09	06-14	23-06	30-12	29-00	OCT
	# OBS	740	670	739	718	730	718	741	740	715	740	719	738	8708
1990	MEAN	16.8	16.4	-	16.0	16.1	13.6	12.5	13.5	12.9	14.0	13.3	16.3	14.5
	MAXIMUM	44.5	39.3	-	30.9	40.0	27.0	25.7	29.7	31.3	36.9	31.7	41.8	44.5
	DAY-HR	12-20	03-12	-	30-03	20-01	13-22	05-14	27-03	22-02	30-23	25-23	19-11	JAN
	# OBS	741	61	-	455	730	716	739	738	465	726	704	449	6524
1991	MEAN	-	12.1	19.1	13.0	15.6	15.3	16.1	13.9	12.9	16.0	-	13.0	14.8
	MAXIMUM	-	27.2	52.9	40.4	33.8	31.7	28.4	29.0	30.3	31.5	-	44.1	52.9
	DAY-HR	-	26-19	03-10	11-04	10-00	03-13	04-11	06-22	21-07	05-21	-	27-17	MAR
	# OBS	-	227	593	643	732	711	736	730	717	179	-	316	5584
1992	MEAN	-	-	-	-	-	-	-	-	-	13.4	14.5	18.4	15.6
	MAXIMUM	-	-	-	-	-	-	-	-	-	39.9	38.7	48.0	48.0
	DAY-HR	-	-	-	-	-	-	-	-	-	29-13	22-00	10-13	DEC
	# OBS	-	-	-	-	-	-	-	-	-	569	711	738	2018
1993	MEAN	14.2	16.5	14.9	15.0	16.5	14.7	14.3	17.5	15.5	11.6	15.4	16.4	14.9
	MAXIMUM	50.7	40.6	39.3	34.0	36.9	27.8	25.5	17.5	27.0	25.5	35.2	50.3	50.7
	DAY-HR	20-03	04-19	31-19	16-19	14-05	04-07	12-12	01-00	25-03	11-00	29-13	13-19	JAN
	# OBS	733	629	731	717	740	716	738	1	148	740	715	739	7347
1994	MEAN	15.9	15.3	14.0	15.2	-	-	-	10.1	11.3	13.3	16.1	18.8	14.8
	MAXIMUM	41.6	50.2	48.0	32.1	-	-	-	19.6	25.7	30.5	47.2	43.0	50.2
	DAY-HR	24-00	16-23	23-19	08-21	-	-	-	31-15	19-20	15-08	09-08	14-16	FEB
	# OBS	741	651	738	552	-	-	-	168	711	735	691	738	5725
1995	MEAN	24.4	13.1	18.4	-	-	9.8	11.7	13.8	9.5	12.4	12.0	17.3	14.6
	MAXIMUM	55.0	34.6	48.4	-	-	18.1	27.8	26.8	19.4	31.7	35.6	48.8	55.0
	DAY-HR	09-15	17-20	09-05	-	-	29-21	29-16	02-03	19-12	22-02	17-23	12-06	JAN
	# OBS	738	666	401	-	-	30	734	739	715	739	692	738	6192
1996	MEAN	17.0	18.3	16.9	16.4	17.5	16.3	14.4	14.7	12.0	11.2	14.4	20.2	15.8
	MAXIMUM	47.6	40.4	41.8	42.8	40.4	34.0	29.7	28.8	29.7	29.5	45.9	51.1	51.1
	DAY-HR	18-14	19-00	13-12	16-08	17-16	15-13	09-12	01-16	15-07	18-10	19-15	31-23	DEC
	# OBS	736	690	738	732	733	712	834	784	714	732	693	738	8836
1997	MEAN	18.1	15.9	16.6	14.3	13.0	13.8	14.2	10.8	11.6	16.6	-	-	14.4
	MAXIMUM	50.5	33.2	35.2	33.8	26.0	32.3	25.9	27.2	26.8	40.4	-	-	50.5
	DAY-HR	01-00	28-03	01-22	18-18	03-03	08-11	28-15	06-16	14-00	06-14	-	-	JAN
	# OBS	739	653	738	706	730	711	730	734	716	478	-	-	6935
1998	MEAN	-	-	-	-	-	-	14.5	16.6	14.7	13.1	17.3	19.7	15.9
	MAXIMUM	-	-	-	-	-	-	29.0	31.5	32.7	35.8	54.0	47.4	54.0
	DAY-HR	-	-	-	-	-	-	02-15	05-15	27-21	24-07	30-11	20-14	NOV
	# OBS	-	-	-	-	-	-	717	775	709	735	676	690	4302

1999	MEAN	18.9	21.4	18.3	18.3	15.7	15.9	-	-	17.6	14.5	19.1	14.6	17.3
	MAXIMUM	48.6	53.8	44.7	43.5	33.2	28.4	-	-	26.2	48.4	51.5	48.6	53.8
	DAY-HR	22-19	06-13	02-23	22-11	29-14	23-16	-	-	26-19	27-21	19-12	09-03	FEB
	# OBS	713	627	655	474	695	583	-	-	153	715	671	739	6025
2000	MEAN	18.5	20.6	20.5	14.0	16.2	14.2	14.8	14.1	13.9	14.5	13.2	12.3	15.5
	MAXIMUM	51.3	50.0	48.6	28.8	30.7	32.5	29.2	28.0	28.4	42.8	42.2	42.8	51.3
	DAY-HR	16-12	14-15	05-22	16-13	14-22	23-10	10-11	02-10	20-13	28-10	29-10	21-14	JAN
	# OBS	709	684	736	707	732	715	737	742	701	730	712	744	8649
2001	MEAN	18.6	21.1	19.1	15.5	18.1	17.3	17.7	15.2	14.9	15.2	19.1	22.2	17.8
	MAXIMUM	50.3	49.6	44.9	38.5	41.2	43.5	33.8	30.3	29.7	38.9	54.8	50.0	54.8
	DAY-HR	25-16	22-08	04-19	16-20	02-03	27-04	05-13	29-13	23-23	30-14	28-18	22-11	NOV
	# OBS	743	672	740	717	743	718	744	640	696	743	718	743	8617
POR	MEAN	17.5	17.4	17.5	15.0	15.7	15.2	14.2	13.6	12.5	13.9	15.5	16.5	15.3
	MAXIMUM	55.0	53.8	52.9	43.5	41.2	43.5	33.8	35.0	32.7	53.3	58.3	51.1	58.3
	YEAR	1995	1999	1991	1999	2001	2001	2001	1986	1998	1989	1984	1996	NOV/1984
	# OBS	8815	7562	8305	7853	7536	7515	8935	8716	9144	11403	9995	9863	105642

STATION: 46030 -- POR (6/1998 - 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	-	-	-	-	-	10.7	15.7	18.0	16.1	14.5	18.8	21.5	17.4
	MAXIMUM	-	-	-	-	-	10.7	29.0	31.5	32.9	38.3	57.0	47.4	57.0
	DAY-HR	-	-	-	-	-	30-23	02-14	05-14	27-21	24-11	30-11	20-13	NOV
	MINIMUM	-	-	-	-	-	10.7	1.7	2.1	3.5	2.9	1.6	4.5	1.6
	DAY-HR	-	-	-	-	-	30-23	28-09	28-20	03-17	01-18	19-20	29-18	NOV
	# OBS	-	-	-	-	-	1	718	776	708	732	703	687	4325
1999	MEAN	20.8	23.7	20.2	19.5	17.0	17.2	-	-	19.0	15.7	20.7	16.2	18.9
	MAXIMUM	48.6	53.8	46.9	43.5	41.2	37.5	-	-	28.0	48.4	51.5	48.2	53.8
	DAY-HR	22-18	06-12	25-00	22-10	10-00	18-13	-	-	26-16	27-18	19-09	09-02	FEB
	MINIMUM	3.9	4.1	0.0	0.0	0.0	0.0	-	-	6.8	2.7	3.3	2.1	0.0
	DAY-HR	12-02	14-21	25-17	22-12	30-07	15-16	-	-	29-07	17-19	03-09	24-00	JUN
	# OBS	734	627	649	458	691	569	-	-	154	714	674	739	6009
2000	MEAN	20.4	22.5	21.9	15.4	17.9	15.7	16.0	15.2	15.2	15.8	14.8	-	17.3
	MAXIMUM	50.3	52.7	48.6	31.1	34.4	33.8	29.7	29.7	29.2	44.7	46.1	-	52.7
	DAY-HR	16-11	22-13	05-22	13-00	14-21	22-11	10-14	02-10	20-13	28-10	29-11	-	FEB
	MINIMUM	2.5	3.5	3.3	2.9	3.9	1.6	2.7	1.9	1.0	2.9	1.9	-	1.0
	DAY-HR	08-03	17-03	11-09	15-02	27-03	03-01	17-19	31-08	26-19	13-16	18-08	-	SEP
	# OBS	709	684	736	707	732	709	725	740	700	724	712	-	7878
2001	MEAN	-	-	16.7	17.1	19.5	18.5	19.2	17.6	16.2	16.7	21.0	24.4	19.0
	MAXIMUM	-	-	16.7	41.0	42.2	43.5	35.6	33.0	34.4	38.9	56.4	54.8	56.4
	DAY-HR	-	-	31-23	16-20	02-09	27-03	27-11	29-12	23-22	30-13	28-17	02-19	NOV
	MINIMUM	-	-	16.7	1.0	0.8	1.7	3.3	2.5	4.5	2.5	2.5	4.7	0.8
	DAY-HR	-	-	31-23	12-18	23-22	28-08	12-13	12-15	14-20	28-22	27-20	06-19	MAY
	# OBS	-	-	1	716	741	716	743	507	696	743	717	742	6322
POR	MEAN	20.6	23.1	21.1	17.0	18.1	17.1	17.0	16.9	16.0	15.7	18.8	20.7	18.2
	MAXIMUM	50.3	53.8	48.6	43.5	42.2	43.5	35.6	33.0	34.4	48.4	57.0	54.8	57.0
	YEAR	2000	1999	2000	1999	2001	2001	2001	2001	2001	1999	1998	2001	NOV/1998
	MINIMUM	2.5	3.5	0.0	0.0	0.0	0.0	1.7	1.9	1.0	2.5	1.6	2.1	0.0
	YEAR	2000	2000	1999	1999	1999	1999	2000	2000	2001	1999	1998	1999	JUN/1999
	# OBS	1443	1311	1386	1881	2164	1995	2186	2023	2258	2913	2806	2168	24534

STATION: 46030 -- POR (3/1988 - 12/2001)

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

ELEMENT: SIGNIFICANT WAVE HEIGHT (METERS)

YEAR	ELEMENT	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1988	MEAN	-	-	3.0	2.4	2.5	1.8	1.8	1.9	2.0	1.6	3.1	2.8	2.2
	MAXIMUM	-	-	5.7	5.2	3.9	2.7	3.6	4.1	4.2	3.1	6.9	8.8	8.8
	DAY-HR	-	-	24-03	17-05	01-10	30-05	18-05	21-05	11-00	24-23	23-19	21-15	DEC
	# OBS	-	-	297	713	228	468	735	735	714	735	695	726	6046
1989	MEAN	2.7	2.0	2.4	1.9	1.9	2.0	1.5	1.6	1.6	1.9	2.0	2.3	2.0
	MAXIMUM	5.2	4.3	5.4	4.2	3.3	4.1	3.4	3.2	3.3	5.0	4.5	4.3	5.4

	DAY-HR	18-07	25-01	26-23	01-11	10-19	23-10	22-19	17-18	06-19	23-07	26-20	03-10	MAR
	# OBS	741	666	736	713	721	712	737	737	715	738	718	736	8670
1990	MEAN	3.1	3.0	2.2	1.7	2.3	1.8	1.7	1.5	1.6	2.3	2.2	2.7	2.2
	MAXIMUM	11.4	7.9	4.7	4.1	4.7	4.0	3.4	3.7	3.6	5.0	5.0	6.4	11.4
	DAY-HR	30-23	02-19	11-23	30-04	07-10	01-08	16-07	27-04	20-11	31-03	20-20	19-16	JAN
	# OBS	738	665	609	454	730	716	738	736	460	701	699	586	7832
1991	MEAN	-	1.9	2.7	2.2	2.2	1.9	1.9	1.6	2.1	1.7	-	2.7	2.1
	MAXIMUM	-	3.2	5.4	6.1	4.2	4.5	4.3	3.4	4.4	3.0	-	4.9	6.1
	DAY-HR	-	21-02	21-08	05-09	10-05	04-07	05-04	10-12	21-05	04-15	-	25-21	APR
	# OBS	-	220	494	581	699	703	731	724	708	176	-	301	5337
1992	MEAN	-	-	-	-	-	-	-	-	-	1.8	1.8	2.6	2.1
	MAXIMUM	-	-	-	-	-	-	-	-	-	4.2	4.6	5.4	5.4
	DAY-HR	-	-	-	-	-	-	-	-	-	14-08	22-22	18-00	DEC
	# OBS	-	-	-	-	-	-	-	-	-	561	674	711	1946
1993	MEAN	1.7	2.1	2.0	2.5	1.9	1.6	1.9	1.7	1.4	1.4	2.1	2.9	1.9
	MAXIMUM	6.3	4.5	5.7	5.5	5.2	3.0	3.9	4.2	3.5	2.8	6.0	6.5	6.5
	DAY-HR	22-07	05-16	23-19	01-20	04-08	17-06	25-05	25-06	12-21	25-06	12-14	10-17	DEC
	# OBS	711	581	687	682	716	675	705	709	702	726	694	719	8307
1994	MEAN	2.3	2.2	2.3	2.1	-	-	-	1.4	1.7	2.2	3.2	3.2	2.4
	MAXIMUM	5.7	5.9	4.8	4.1	-	-	-	2.6	3.9	4.0	7.6	6.5	7.6
	DAY-HR	25-03	17-08	06-08	03-20	-	-	-	25-06	20-22	28-20	16-07	17-01	NOV
	# OBS	730	620	710	543	-	-	-	167	704	721	689	723	5607
1995	MEAN	3.5	2.1	2.8	2.4	2.2	2.2	1.4	1.7	1.8	2.4	2.3	3.4	2.4
	MAXIMUM	7.7	4.1	7.3	6.0	4.6	4.1	4.0	3.6	4.2	5.2	5.0	9.4	9.4
	DAY-HR	09-22	02-15	23-14	08-15	13-17	11-03	31-02	05-10	23-18	22-06	12-12	13-06	DEC
	# OBS	717	664	725	710	731	708	731	734	715	738	711	738	8622
1996	MEAN	2.8	3.0	2.4	2.7	2.1	1.8	2.0	1.6	1.9	2.4	2.1	3.0	2.3
	MAXIMUM	6.0	5.7	5.3	6.4	5.0	3.8	3.3	3.1	3.6	6.1	5.9	6.2	6.4
	DAY-HR	01-03	25-02	13-08	17-04	27-06	16-18	09-19	18-19	02-02	26-03	19-17	29-19	APR
	# OBS	736	690	738	732	732	711	833	784	711	731	692	734	8824
1997	MEAN	2.6	2.8	2.7	2.2	1.5	2.0	1.7	1.5	2.0	2.7	-	-	2.2
	MAXIMUM	5.7	4.7	5.7	4.5	3.2	4.5	3.4	3.7	5.5	6.7	-	-	6.7
	DAY-HR	01-01	20-04	02-18	02-05	04-16	08-04	26-14	08-18	27-06	09-20	-	-	OCT
	# OBS	738	652	734	703	720	707	727	732	714	474	-	-	6901
1998	MEAN	-	-	-	-	-	-	1.6	1.8	2.2	2.3	3.3	3.5	2.4
	MAXIMUM	-	-	-	-	-	-	3.2	3.0	4.3	5.2	9.6	7.0	9.6
	DAY-HR	-	-	-	-	-	-	24-11	31-09	13-06	25-06	30-22	20-23	NOV
	# OBS	-	-	-	-	-	-	706	776	697	731	650	672	4232
1999	MEAN	1.8	-	-	-	-	-	-	-	3.2	2.4	2.9	2.9	2.6
	MAXIMUM	3.0	-	-	-	-	-	-	-	4.5	9.3	6.0	6.2	9.3
	DAY-HR	01-05	-	-	-	-	-	-	-	26-23	28-20	19-16	10-08	OCT
	# OBS	297	-	-	-	-	-	-	-	82	605	674	739	2397
2000	MEAN	2.7	3.3	3.3	2.0	2.0	2.2	1.5	1.8	1.9	2.6	2.5	2.6	2.4
	MAXIMUM	8.6	8.3	7.4	5.0	4.5	4.7	3.4	3.7	4.5	6.6	5.7	9.4	9.4
	DAY-HR	31-11	14-18	06-03	29-02	04-07	16-10	10-12	02-17	21-07	29-08	30-18	22-10	DEC
	# OBS	707	684	736	707	732	717	736	742	698	732	711	743	8645
2001	MEAN	3.4	3.0	2.9	2.2	2.2	1.7	2.0	1.5	2.0	2.5	3.3	3.9	2.6
	MAXIMUM	7.5	6.1	5.8	4.2	5.6	3.3	4.3	3.4	4.0	6.5	8.4	9.5	9.5
	DAY-HR	26-05	03-01	03-04	08-05	02-05	27-04	25-17	23-19	27-09	24-03	22-16	03-07	DEC
	# OBS	743	672	741	717	743	717	744	635	694	743	717	743	8609
POR	MEAN	2.7	2.6	2.6	2.2	2.0	1.9	1.7	1.7	1.9	2.2	2.6	3.0	2.3
	MAXIMUM	11.4	8.3	7.4	6.4	5.6	4.7	4.3	4.2	5.5	9.3	9.6	9.5	11.4
	YEAR	1990	2000	2000	1996	2001	2000	2001	1993	1997	1999	1998	2001	JAN/1990
	# OBS	6858	6114	7207	7255	6752	6834	8123	8211	8314	9112	8324	8871	91975

STATION: 46030

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	1.1	*	*	*	*	*	*	*	-	*	*	*	*	1.3	114
1 - 3		0.6	0.7	0.7	0.5	0.7	0.7	0.6	0.3	0.3	0.2	0.3	0.5	6.1	542
4 - 6		1.3	2.0	0.8	0.5	1.0	1.8	1.3	0.7	0.3	0.4	0.4	0.6	11.2	991
7 - 10		2.9	3.3	0.7	0.1	1.6	3.5	1.9	0.6	0.4	0.3	0.5	1.0	16.9	1489
11 - 15		7.4	3.5	0.1	*	1.5	4.9	2.9	0.8	0.4	0.6	0.6	1.7	24.4	2151
16 - 20		6.4	1.5	-	-	1.1	7.9	2.2	0.5	0.1	0.2	0.1	1.3	21.4	1888
21 - 24		1.5	0.1	-	-	0.4	6.0	1.0	0.1	*	*	0.1	0.5	9.5	837
25 - 33		0.5	-	-	-	0.3	6.4	0.6	*	*	*	-	0.1	8.0	706

34 - 47	*	-	-	-	*	1.0	*	*	-	-	-	-	1.1	96
> 48	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	1.1	20.7	11.1	2.3	1.2	6.7	32.3	10.5	3.1	1.6	1.9	1.9	5.7	100.0
TOTAL N	93	1822	980	204	107	587	2848	928	270	137	166	168	504	8814

(* < 0.05%)

STATION: 46030

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

Month: FEB

WIND SPEED	CALM	WIND DIRECTION												TOT %	TOT N
		35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
0	0.6	*	-	-	-	*	*	*	*	-	*	*	-	0.7	54
1 - 3		0.8	0.8	0.7	0.6	0.6	0.7	0.5	0.5	0.4	0.4	0.4	0.6	6.9	523
4 - 6		1.7	1.9	0.8	0.5	1.1	1.3	1.0	0.8	0.4	0.4	0.4	1.1	11.4	862
7 - 10		3.1	3.4	0.8	0.1	1.5	2.5	2.4	1.1	0.5	0.6	0.5	0.9	17.2	1302
11 - 15		7.2	3.2	0.1	-	1.8	4.7	2.9	1.0	0.5	0.6	0.5	1.2	23.7	1795
16 - 20		7.5	0.8	-	0.1	1.1	7.0	2.4	0.7	0.4	0.4	0.2	1.2	21.8	1653
21 - 24		1.8	*	-	*	0.4	5.5	0.9	0.1	0.1	-	0.1	0.5	9.5	716
25 - 33		0.8	-	-	-	0.3	6.3	0.3	*	*	-	-	0.4	8.1	617
34 - 47		-	-	-	-	*	0.6	0.1	*	-	-	-	-	0.7	54
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.6	22.9	10.1	2.4	1.2	6.8	28.7	10.5	4.2	2.3	2.3	2.3	5.9	100.0	
TOTAL N	42	1733	768	180	91	514	2171	793	318	172	173	173	448	7576	

(* < 0.05%)

STATION: 46030

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

Month: MAR

WIND SPEED	CALM	WIND DIRECTION												TOT %	TOT N
		35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
0	0.6	*	*	*	*	*	*	0.1	-	*	-	*	*	0.8	70
1 - 3		0.6	0.5	0.5	0.4	0.5	0.4	0.5	0.5	0.2	0.4	0.4	0.5	5.4	449
4 - 6		1.5	1.7	0.9	0.3	0.8	1.0	1.0	0.4	0.6	0.6	0.6	1.1	10.5	881
7 - 10		4.3	2.3	0.5	0.1	1.3	2.7	2.1	0.9	0.6	0.5	0.9	2.1	18.4	1536
11 - 15		9.8	2.8	0.1	*	1.3	4.0	2.7	0.5	0.3	0.3	0.5	2.3	24.6	2060
16 - 20		11.4	1.3	-	*	0.7	5.6	1.8	0.3	0.1	0.2	0.2	1.5	23.2	1938
21 - 24		3.4	*	-	-	0.1	3.8	0.5	*	*	*	*	0.5	8.5	707
25 - 33		2.1	-	-	-	*	4.8	0.3	-	*	-	-	0.5	7.8	652
34 - 47		0.3	-	-	-	*	0.5	-	-	-	-	-	-	0.8	65
> 48		*	-	-	-	-	-	-	-	-	-	-	-	0.0	1
TOTAL %	0.6	33.5	8.8	2.0	0.9	4.7	22.9	9.0	2.6	1.9	2.0	2.6	8.5	100.0	
TOTAL N	50	2800	733	168	72	396	1911	749	215	163	171	221	710	8359	

(* < 0.05%)

STATION: 46030

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

Month: APR

WIND SPEED	CALM	WIND DIRECTION												TOT %	TOT N
		35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
0	0.6	0.1	*	*	0.1	*	0.1	0.1	*	*	*	-	*	1.1	85
1 - 3		0.7	0.7	0.6	0.5	0.5	0.6	0.9	0.5	0.4	0.5	0.4	0.6	7.1	555
4 - 6		2.3	1.8	0.6	0.3	0.6	1.9	1.5	0.8	0.5	0.7	1.2	1.7	13.9	1095
7 - 10		6.3	2.1	0.1	0.1	0.9	3.0	2.8	0.5	0.5	0.6	1.0	2.4	20.3	1595
11 - 15		12.0	2.5	*	-	0.6	4.3	2.5	0.4	0.2	0.2	0.2	2.8	25.6	2012
16 - 20		15.4	1.1	-	-	0.1	4.3	1.2	0.1	-	*	0.1	1.3	23.6	1855
21 - 24		3.8	*	-	-	*	2.5	0.2	-	-	-	*	0.4	6.8	537
25 - 33		0.8	-	-	-	-	0.9	*	-	-	-	-	0.1	1.7	137
34 - 47		-	-	-	-	-	-	-	-	-	-	-	*	0.0	1
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.6	41.4	8.3	1.3	0.9	2.8	17.4	9.1	2.4	1.6	2.0	2.9	9.3	100.0	
TOTAL N	51	3259	650	104	70	224	1371	718	187	127	157	225	729	7872	

(* < 0.05%)

STATION: 46030

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	0.7	*	*	-	-	-	*	*	-	-	*	*	*	0.8	61
1 - 3		0.6	0.6	0.2	0.3	0.5	0.6	0.5	0.4	0.3	0.5	0.4	0.6	5.3	400
4 - 6		2.2	1.3	0.5	0.3	0.6	1.5	1.2	0.5	0.2	0.3	0.8	1.7	11.1	840
7 - 10		6.5	1.8	0.2	*	0.5	2.4	2.3	0.4	0.1	0.3	0.7	2.4	17.5	1325

11 - 15	16.5	2.8	-	-	0.3	3.4	1.9	0.2	*	0.1	0.3	3.0	28.6	2163
16 - 20	18.7	1.4	-	-	0.1	4.2	0.9	*	-	*	0.1	2.4	27.8	2102
21 - 24	4.5	0.2	-	-	-	2.1	0.2	-	-	-	-	0.4	7.3	553
25 - 33	0.8	-	-	-	-	0.6	*	-	-	-	-	*	1.5	115
34 - 47	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.7	49.9	8.1	0.9	0.6	2.0	14.9	6.9	1.5	0.7	1.2	2.2	10.5	100.0
TOTAL N	52	3772	612	67	44	151	1126	520	116	51	89	168	791	7559

(* < 0.05%)

STATION: 46030

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	0.4	*	*	*	*	*	*	0.1	*	0.1	-	*	*	0.8	59
1 - 3		0.5	0.5	0.2	0.4	0.3	0.5	0.6	0.3	0.1	0.4	0.3	0.5	4.5	339
4 - 6		2.0	1.0	0.2	*	0.4	1.3	1.2	0.3	0.1	0.2	0.4	1.0	8.3	624
7 - 10		9.1	2.3	0.1	-	0.3	1.5	1.3	0.2	0.1	0.1	0.4	2.6	17.8	1342
11 - 15		24.6	5.5	*	-	-	1.2	1.3	0.1	-	-	0.1	3.2	36.0	2706
16 - 20		21.8	3.6	-	-	-	0.8	0.2	*	-	-	*	1.4	27.8	2090
21 - 24		3.4	0.3	-	-	-	0.4	-	-	-	-	-	*	4.2	317
25 - 33		0.2	-	-	-	-	0.3	-	-	-	-	-	-	0.5	41
34 - 47		-	-	-	-	-	*	-	-	-	-	-	-	0.0	1
> 48		*	-	-	-	-	-	-	-	-	-	-	-	0.0	1
TOTAL %	0.4	61.6	13.2	0.5	0.4	1.0	6.1	4.6	0.9	0.4	0.7	1.3	8.8	100.0	
TOTAL N	30	4636	990	41	31	74	462	349	65	33	49	96	664		7520

(* < 0.05%)

STATION: 46030

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	0.6	*	*	*	*	*	*	0.1	*	*	*	0.1	0.1	0.9	83
1 - 3		0.6	0.5	0.3	0.3	0.5	0.6	0.6	0.6	0.2	0.4	0.4	0.9	5.9	531
4 - 6		2.9	1.0	0.2	0.2	0.3	1.3	1.5	0.5	0.3	0.1	0.5	1.8	10.5	935
7 - 10		10.9	2.0	*	-	*	0.9	1.1	0.3	*	*	0.1	2.7	18.2	1627
11 - 15		31.1	4.0	-	-	*	0.5	0.3	*	*	-	*	2.2	38.1	3407
16 - 20		19.6	2.8	-	-	-	0.3	0.1	-	-	-	-	1.1	23.8	2132
21 - 24		2.2	*	-	-	-	*	*	-	-	-	-	0.1	2.4	215
25 - 33		0.1	-	-	-	-	-	-	-	-	-	-	-	0.1	13
34 - 47		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.6	67.5	10.4	0.5	0.5	0.9	3.6	3.6	1.4	0.5	0.6	1.0	8.9	100.0	
TOTAL N	50	6038	930	49	43	77	323	324	121	47	52	92	797		8943

(* < 0.05%)

STATION: 46030

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	0.8	*	-	-	*	-	*	*	*	*	*	-	*	1.0	87
1 - 3		0.7	0.6	0.4	0.3	0.7	0.9	0.8	0.6	0.3	0.4	0.5	0.8	6.9	609
4 - 6		2.7	1.4	0.3	0.2	0.7	1.8	1.9	0.8	0.3	0.3	0.5	1.5	12.4	1084
7 - 10		10.0	2.1	0.1	*	0.2	1.6	2.1	0.4	0.1	*	0.1	2.8	19.4	1706
11 - 15		27.4	5.2	*	-	*	1.2	1.3	0.1	-	-	-	2.8	38.0	3335
16 - 20		16.0	2.0	-	-	-	0.9	0.4	-	-	-	-	1.0	20.4	1790
21 - 24		1.3	0.1	-	-	-	0.3	0.1	-	-	-	-	*	1.8	159
25 - 33		*	-	-	-	-	-	*	-	-	-	-	-	0.1	5
34 - 47		*	-	-	-	-	-	-	-	-	-	-	-	0.0	1
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.8	58.2	11.4	0.9	0.5	1.6	6.7	6.6	1.9	0.7	0.6	1.1	8.9	100.0	
TOTAL N	69	5110	999	78	44	140	592	580	169	61	57	96	781		8776

(* < 0.05%)

STATION: 46030

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

Month: SEP

WIND SPEED	CALM	WIND DIRECTION												TOT %	TOT N
		35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		

0	1.1	*	*	0.1	*	*	*	0.1	*	*	*	*	1.5	138	
1 - 3		1.1	1.0	0.7	0.7	0.8	1.3	1.0	0.7	0.4	0.5	0.6	0.8	9.7	892
4 - 6		4.4	1.8	0.4	0.3	0.9	2.4	2.4	0.7	0.2	0.2	0.5	2.2	16.4	1498
7 - 10		10.1	2.6	0.1	*	0.3	3.1	3.3	0.3	*	*	0.1	2.4	22.3	2040
11 - 15		21.1	4.5	-	-	0.1	2.7	2.6	0.2	*	-	*	2.1	33.1	3034
16 - 20		11.1	2.0	-	-	-	0.9	0.8	-	-	-	-	0.7	15.5	1421
21 - 24		1.0	*	-	-	-	0.1	0.1	-	-	-	-	*	1.4	126
25 - 33		*	-	-	-	-	-	*	-	-	-	-	-	0.0	4
34 - 47		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48		-	-	-	-	-	-	-	-	-	-	-	*	0.0	1
TOTAL %	1.1	48.8	11.9	1.3	1.0	2.1	10.5	10.3	1.8	0.7	0.7	1.3	8.3	100.0	
TOTAL N	98	4471	1088	123	96	196	961	941	167	64	67	123	759		9154

(* < 0.05%)

STATION: 46030

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

Month: OCT

WIND SPEED	CALM	WIND DIRECTION												TOT %	TOT N
		35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
0	0.9	*	*	-	*	*	*	0.1	*	*	*	*	*	1.2	137
1 - 3		1.0	1.1	0.5	0.4	0.8	0.9	0.9	0.5	0.4	0.4	0.6	1.0	8.4	960
4 - 6		3.4	1.9	0.6	0.3	0.7	1.9	1.5	0.5	0.3	0.3	0.7	2.0	14.2	1619
7 - 10		10.2	2.6	0.1	*	0.3	2.8	2.1	0.2	0.1	*	0.3	2.9	21.8	2487
11 - 15		18.7	4.7	-	*	0.2	3.5	1.9	0.2	*	0.1	0.1	1.9	31.2	3567
16 - 20		10.7	1.7	*	*	*	4.2	0.9	*	*	-	*	0.7	18.3	2095
21 - 24		1.2	0.1	-	-	*	1.3	0.2	-	-	-	-	0.3	3.2	362
25 - 33		0.2	*	-	-	*	1.2	*	-	-	-	-	0.1	1.6	181
34 - 47		-	-	-	-	-	0.1	-	-	-	-	-	-	0.1	12
> 48		-	-	-	-	-	-	-	-	-	-	*	-	0.0	1
TOTAL %	0.9	45.4	12.1	1.3	0.8	2.1	16.0	7.6	1.6	0.9	0.8	1.6	8.8	100.0	
TOTAL N	103	5188	1386	147	90	243	1833	863	179	100	96	185	1008		11421

(* < 0.05%)

STATION: 46030

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

Month: NOV

WIND SPEED	CALM	WIND DIRECTION												TOT %	TOT N
		35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
0	0.8	*	*	-	*	*	*	*	*	*	-	*	*	1.0	105
1 - 3		0.8	0.8	0.6	0.6	0.8	0.9	0.6	0.5	0.3	0.3	0.4	0.6	7.3	729
4 - 6		2.6	2.7	0.9	0.3	1.1	2.1	1.4	0.3	0.3	0.3	0.6	1.1	13.8	1383
7 - 10		6.6	4.5	0.5	0.1	1.4	4.4	2.1	0.5	0.3	0.3	0.4	1.7	22.7	2282
11 - 15		11.4	4.6	0.1	*	1.6	5.3	2.0	0.3	0.2	0.2	0.4	1.5	27.6	2772
16 - 20		6.3	1.2	*	*	0.4	4.9	0.9	0.1	0.1	0.1	0.3	1.0	15.4	1544
21 - 24		1.3	*	-	-	0.1	3.5	0.4	0.1	-	*	*	0.2	5.6	563
25 - 33		0.5	*	-	-	0.1	4.5	0.2	*	*	-	*	0.2	5.5	553
34 - 47		-	-	-	-	*	1.0	*	-	-	-	-	-	1.1	106
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.8	29.4	13.9	2.1	1.1	5.5	26.7	7.8	1.7	1.3	1.1	2.2	6.4	100.0	
TOTAL N	80	2951	1394	214	108	554	2676	781	174	127	115	220	643		10037

(* < 0.05%)

STATION: 46030

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	1.0	*	*	*	*	*	*	0.1	*	*	*	*	*	1.4	136
1 - 3		0.9	0.9	0.6	0.7	0.8	0.9	0.7	0.5	0.2	0.5	0.4	0.5	7.7	765
4 - 6		1.9	2.6	1.0	0.6	1.3	1.8	1.7	0.8	0.4	0.3	0.4	1.1	13.8	1362
7 - 10		4.1	3.9	0.8	0.1	2.0	3.7	2.2	0.5	0.4	0.4	0.5	1.0	19.6	1940
11 - 15		7.2	4.0	0.1	0.1	1.9	5.0	2.8	0.7	0.4	0.3	0.4	1.3	24.2	2393
16 - 20		5.7	1.5	-	*	0.8	5.2	2.1	0.4	0.3	0.2	0.3	0.9	17.3	1713
21 - 24		2.0	0.1	-	-	0.2	3.8	0.7	0.1	0.1	*	0.1	0.4	7.4	727
25 - 33		1.2	*	-	-	*	5.0	0.6	0.1	-	*	0.1	0.5	7.4	732
34 - 47		*	-	-	-	-	1.0	0.1	-	-	-	-	*	1.1	110
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	1.0	23.1	12.9	2.6	1.4	7.0	26.5	10.8	3.2	1.8	1.7	2.2	5.7	100.0	
TOTAL N	102	2279	1275	259	143	689	2620	1066	314	182	168	222	559		9878

(* < 0.05%)

STATION: 46030

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	0.8	*	*	*	*	*	*	*	*	*	*	*	*	*	1.1	1129
1 - 3		0.8	0.7	0.5	0.5	0.6	0.8	0.7	0.5	0.3	0.4	0.4	0.7	6.9	7294	
4 - 6		2.5	1.8	0.6	0.3	0.8	1.7	1.5	0.6	0.3	0.3	0.6	1.4	12.4	13174	
7 - 10		7.1	2.8	0.3	0.1	0.9	2.7	2.1	0.5	0.3	0.2	0.4	2.1	19.5	20671	
11 - 15		16.2	4.0	0.1	*	0.8	3.4	2.1	0.4	0.2	0.2	0.2	2.1	29.6	31395	
16 - 20		12.2	1.7	*	*	0.4	3.9	1.2	0.2	0.1	0.1	0.1	1.2	21.0	22221	
21 - 24		2.2	0.1	-	*	0.1	2.4	0.3	*	*	*	*	0.3	5.5	5819	
25 - 33		0.6	*	-	-	0.1	2.5	0.2	*	*	*	*	0.2	3.5	3756	
34 - 47		*	-	-	-	*	0.4	*	*	-	-	-	*	0.4	446	
> 48		*	-	-	-	-	-	-	-	-	-	*	*	0.0	4	
TOTAL %	0.8	41.6	11.1	1.5	0.9	3.6	17.8	8.1	2.2	1.2	1.3	1.9	7.9	100.0		
TOTAL N	820	44059	11805	1634	939	3845	18894	8612	2295	1264	1360	1989	8393		105909	

(* < 0.05%)

STATION: 46030

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	0.9	*	*	*	*	*	*	*	*	*	*	*	*	1.2	304
1 - 3		0.8	0.8	0.7	0.6	0.7	0.8	0.6	0.4	0.3	0.4	0.4	0.5	7.0	1830
4 - 6		1.6	2.2	0.9	0.5	1.1	1.7	1.4	0.8	0.4	0.4	0.4	1.0	12.2	3215
7 - 10		3.4	3.6	0.7	0.1	1.7	3.3	2.1	0.7	0.4	0.4	0.5	1.0	18.0	4731
11 - 15		7.2	3.6	0.1	*	1.7	4.9	2.9	0.8	0.4	0.5	0.5	1.4	24.1	6339
16 - 20		6.5	1.3	-	*	1.0	6.7	2.2	0.5	0.3	0.2	0.2	1.1	20.0	5254
21 - 24		1.8	*	-	*	0.3	5.0	0.8	0.1	*	*	0.1	0.5	8.7	2280
25 - 33		0.8	*	-	-	0.2	5.9	0.5	0.1	*	*	*	0.3	7.8	2055
34 - 47		*	-	-	-	*	0.9	*	*	-	-	-	*	1.0	260
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.9	22.2	11.5	2.4	1.3	6.8	29.1	10.6	3.4	1.9	1.9	2.1	5.8	100.0	
TOTAL N	237	5834	3023	643	341	1790	7639	2787	902	491	507	563	1511		26268

(* < 0.05%)

STATION: 46030

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	0.6	*	*	*	*	*	*	0.1	*	*	*	*	*	0.9	216
1 - 3		0.6	0.6	0.4	0.4	0.5	0.5	0.6	0.5	0.3	0.4	0.4	0.6	5.9	1404
4 - 6		2.0	1.6	0.7	0.3	0.7	1.4	1.2	0.6	0.5	0.5	0.9	1.5	11.8	2816
7 - 10		5.7	2.1	0.3	0.1	0.9	2.7	2.4	0.6	0.4	0.5	0.9	2.3	18.7	4456
11 - 15		12.7	2.7	*	*	0.7	3.9	2.4	0.4	0.2	0.2	0.3	2.7	26.2	6235
16 - 20		15.1	1.3	-	*	0.3	4.7	1.3	0.1	*	0.1	0.1	1.7	24.8	5895
21 - 24		3.9	0.1	-	-	*	2.8	0.3	*	*	*	*	0.4	7.6	1797
25 - 33		1.3	-	-	-	*	2.2	0.1	-	*	-	-	0.2	3.8	904
34 - 47		0.1	-	-	-	*	0.2	-	-	-	-	-	*	0.3	66
> 48		*	-	-	-	-	-	-	-	-	-	-	-	0.0	1
TOTAL %	0.6	41.3	8.4	1.4	0.8	3.2	18.5	8.4	2.2	1.4	1.8	2.6	9.4	100.0	
TOTAL N	153	9831	1995	339	186	771	4408	1987	518	341	417	614	2230		23790

(* < 0.05%)

STATION: 46030

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	0.6	*	*	*	*	*	*	0.1	*	*	*	*	*	0.9	229
1 - 3		0.6	0.5	0.3	0.3	0.5	0.7	0.7	0.5	0.2	0.4	0.4	0.7	5.9	1479
4 - 6		2.6	1.1	0.2	0.1	0.5	1.5	1.5	0.5	0.2	0.2	0.5	1.5	10.5	2643
7 - 10		10.0	2.1	0.1	*	0.2	1.3	1.5	0.3	0.1	*	0.2	2.7	18.5	4675
11 - 15		27.9	4.8	*	-	*	0.9	1.0	*	*	-	*	2.7	37.4	9448
16 - 20		19.0	2.7	-	-	-	0.7	0.2	*	-	-	*	1.2	23.8	6012
21 - 24		2.3	0.2	-	-	-	0.2	*	-	-	-	-	0.1	2.7	691
25 - 33		0.1	-	-	-	-	0.1	*	-	-	-	-	-	0.2	59
34 - 47		*	-	-	-	-	*	-	-	-	-	-	-	0.0	2
> 48		*	-	-	-	-	-	-	-	-	-	-	-	0.0	1
TOTAL %	0.6	62.5	11.6	0.7	0.5	1.2	5.5	5.0	1.4	0.6	0.6	1.1	8.9	100.0	
TOTAL N	149	15784	2919	168	118	291	1377	1253	355	141	158	284	2242		25239

(* < 0.05%)

STATION: 46030

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	0.9	*	*	*	*	*	*	*	*	*	*	*	*	1.2	380
1 - 3		1.0	1.0	0.6	0.6	0.8	1.0	0.8	0.6	0.4	0.4	0.5	0.8	8.4	2581
4 - 6		3.4	2.1	0.7	0.3	0.9	2.1	1.8	0.5	0.3	0.3	0.6	1.8	14.7	4500
7 - 10		9.0	3.2	0.2	0.1	0.7	3.4	2.4	0.3	0.1	0.1	0.3	2.4	22.2	6809
11 - 15		17.0	4.6	*	*	0.6	3.8	2.1	0.2	0.1	0.1	0.1	1.8	30.6	9373
16 - 20		9.4	1.6	*	*	0.2	3.5	0.9	0.1	*	*	0.1	0.8	16.5	5060
21 - 24		1.2	0.1	-	-	*	1.7	0.3	*	-	*	*	0.2	3.4	1051
25 - 33		0.2	*	-	-	*	1.9	0.1	*	*	-	*	0.1	2.4	738
34 - 47		-	-	-	-	*	0.4	*	-	-	-	-	-	0.4	118
> 48		-	-	-	-	-	-	-	-	-	-	*	*	0.0	2
TOTAL %	0.9	41.2	12.6	1.6	1.0	3.2	17.9	8.4	1.7	1.0	0.9	1.7	7.9	100.0	
TOTAL N	281	12610	3868	484	294	993	5470	2585	520	291	278	528	2410		30612

(* < 0.05%)

STATION: 46030

4 - PERCENT FREQUENCY OF AVERAGE WIND SPEED(KNOTS) VS SIGNIFICANT WAVE HEIGHT(METERS)

Month: JAN

WIND SPEED	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4		
0	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	-	0.4	27
1 - 3	0.1	1.2	2.6	1.5	0.7	0.1	*	*	-	-	-	-	-	-	-	6.3	429
4 - 6	-	1.7	4.2	2.6	1.0	0.3	*	-	-	-	-	-	-	-	-	9.9	678
7 - 10	0.1	3.0	7.6	4.6	1.5	0.5	0.1	-	-	-	-	-	-	-	-	17.4	1190
11 - 15	*	2.6	10.5	7.6	4.0	0.9	0.1	0.1	0.1	*	*	*	-	-	-	26.1	1787
16 - 20	-	0.9	8.3	7.9	3.9	1.5	0.2	*	*	*	*	-	-	-	-	22.9	1569
21 - 24	-	0.1	2.3	3.6	2.4	0.5	0.3	*	*	-	-	-	-	-	-	9.2	630
25 - 33	-	*	0.9	2.4	2.1	1.0	0.3	*	*	-	-	-	-	-	-	6.8	467
34 - 47	-	-	-	0.2	0.4	0.3	0.1	0.1	*	-	-	-	-	-	-	1.1	77
> 48	-	-	*	*	-	-	-	-	-	-	-	-	-	-	-	0.1	4
TOTAL %	0.2	9.6	36.9	30.5	16.0	5.1	1.2	0.3	0.1	0.0	0.1	0.0	0.0	0.0	0.0	100.0	
TOTAL N	17	656	2530	2089	1097	350	84	18	9	2	4	2	0	0	0		6858

(* < 0.05%)

STATION: 46030

4 - PERCENT FREQUENCY OF AVERAGE WIND SPEED(KNOTS) VS SIGNIFICANT WAVE HEIGHT(METERS)

Month: FEB

WIND SPEED	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4		
0	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	-	0.2	12
1 - 3	-	1.3	2.9	1.7	0.6	0.3	*	-	-	-	-	-	-	-	-	6.9	420
4 - 6	-	2.0	4.5	2.5	0.9	0.3	0.1	*	-	-	-	-	-	-	-	10.4	638
7 - 10	-	3.4	6.3	4.9	1.4	0.6	0.1	*	*	-	-	-	-	-	-	16.7	1020
11 - 15	-	2.5	10.9	6.6	2.2	0.7	0.2	-	-	-	-	-	-	-	-	23.0	1406
16 - 20	-	0.5	7.4	7.2	2.3	0.4	0.1	*	-	-	-	-	-	-	-	18.0	1098
21 - 24	-	*	2.5	3.5	1.6	0.2	0.1	*	-	-	-	-	-	-	-	8.0	489
25 - 33	-	-	0.8	2.9	2.3	0.4	*	-	*	-	-	-	-	-	-	6.4	394
34 - 47	-	-	-	0.1	0.2	0.1	*	*	*	-	-	-	-	-	-	0.5	30
> 48	-	2.0	2.4	2.1	1.9	0.9	0.5	*	-	-	-	-	-	-	-	9.9	607
TOTAL %	0.0	11.8	37.8	31.6	13.4	3.9	1.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	0	721	2313	1932	818	241	75	11	3	0	0	0	0	0	0		6114

(* < 0.05%)

STATION: 46030

4 - PERCENT FREQUENCY OF AVERAGE WIND SPEED(KNOTS) VS SIGNIFICANT WAVE HEIGHT(METERS)

Month: MAR

WIND SPEED	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4		
0	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	-	0.4	28
1 - 3	0.2	1.0	2.0	1.3	0.4	*	*	-	-	-	-	-	-	-	-	4.9	356
4 - 6	0.1	1.3	3.8	2.7	0.6	0.2	*	-	-	-	-	-	-	-	-	8.7	626
7 - 10	*	2.4	6.8	4.7	1.3	0.4	-	-	-	-	-	-	-	-	-	15.6	1127
11 - 15	0.1	2.4	9.5	7.8	1.9	0.3	*	-	-	-	-	-	-	-	-	22.1	1593
16 - 20	-	1.2	6.5	8.5	3.5	0.4	0.1	-	-	-	-	-	-	-	-	20.1	1450
21 - 24	-	0.1	1.8	3.3	1.9	0.4	0.1	-	-	-	-	-	-	-	-	7.6	548
25 - 33	-	*	0.7	2.1	2.7	1.0	0.1	-	-	-	-	-	-	-	-	6.7	484
34 - 47	-	-	-	0.1	0.2	0.1	0.3	0.1	-	-	-	-	-	-	-	0.7	53
> 48	-	2.2	5.9	2.5	1.3	0.6	0.3	0.2	-	-	-	-	-	-	-	13.1	942

TOTAL %	0.4	10.7	37.3	33.1	14.0	3.3	0.9	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	31	774	2685	2388	1007	236	68	18	0	0	0	0	0	0	0		7207

(* < 0.05%)

STATION: 46030

4 - PERCENT FREQUENCY OF AVERAGE WIND SPEED(KNOTS) VS SIGNIFICANT WAVE HEIGHT(METERS)

Month: APR

WIND SPEED	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4		
0	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	-	0.9	63
1 - 3	-	0.1	0.6	0.2	*	-	-	-	-	-	-	-	-	-	-	6.9	498
4 - 6	-	1.6	3.7	1.0	0.5	0.1	-	-	-	-	-	-	-	-	-	13.4	975
7 - 10	-	3.1	6.8	2.5	0.8	0.2	0.1	-	-	-	-	-	-	-	-	19.7	1426
11 - 15	-	4.2	9.4	4.6	1.2	0.2	*	-	-	-	-	-	-	-	-	23.7	1717
16 - 20	-	4.4	11.5	6.0	1.6	0.3	0.1	-	-	-	-	-	-	-	-	18.6	1348
21 - 24	-	2.2	9.5	5.7	1.1	*	*	-	-	-	-	-	-	-	-	5.9	429
25 - 33	-	0.1	2.7	1.8	1.2	0.1	-	-	-	-	-	-	-	-	-	1.2	88
34 - 47	-	*	0.2	0.6	0.4	*	-	-	-	-	-	-	-	-	-	0.0	0
> 48	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9.8	711
TOTAL %	0.0	16.8	49.1	25.3	7.6	1.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	0	1220	3565	1833	549	72	16	0	0	0	0	0	0	0	0		7255

(* < 0.05%)

STATION: 46030

4 - PERCENT FREQUENCY OF AVERAGE WIND SPEED(KNOTS) VS SIGNIFICANT WAVE HEIGHT(METERS)

Month: MAY

WIND SPEED	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4		
0	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	-	0.2	16
1 - 3	-	0.1	0.1	-	-	-	-	-	-	-	-	-	-	-	-	4.3	291
4 - 6	-	1.5	2.2	0.6	*	-	-	-	-	-	-	-	-	-	-	9.3	631
7 - 10	-	3.2	4.4	1.5	0.2	-	-	-	-	-	-	-	-	-	-	15.2	1024
11 - 15	-	5.3	7.3	2.0	0.4	0.1	-	-	-	-	-	-	-	-	-	26.2	1772
16 - 20	-	7.1	14.1	4.5	0.5	0.1	-	-	-	-	-	-	-	-	-	25.7	1733
21 - 24	-	3.5	13.7	7.5	1.0	*	-	-	-	-	-	-	-	-	-	6.7	454
25 - 33	-	0.3	2.6	2.7	1.0	0.1	-	-	-	-	-	-	-	-	-	1.5	99
34 - 47	-	-	0.4	0.4	0.3	0.3	0.1	-	-	-	-	-	-	-	-	0.0	0
> 48	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10.8	732
TOTAL %	0.0	23.3	49.1	23.1	3.8	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	0	1572	3318	1563	257	38	4	0	0	0	0	0	0	0	0		6752

(* < 0.05%)

STATION: 46030

4 - PERCENT FREQUENCY OF AVERAGE WIND SPEED(KNOTS) VS SIGNIFICANT WAVE HEIGHT(METERS)

Month: JUN

WIND SPEED	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4		
0	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	-	0.6	38
1 - 3	-	0.2	0.4	-	-	-	-	-	-	-	-	-	-	-	-	4.3	297
4 - 6	-	1.9	2.2	0.2	*	-	-	-	-	-	-	-	-	-	-	7.1	487
7 - 10	-	3.1	3.3	0.6	0.1	-	-	-	-	-	-	-	-	-	-	16.5	1128
11 - 15	-	8.7	6.5	1.2	0.1	-	-	-	-	-	-	-	-	-	-	32.4	2213
16 - 20	-	10.5	17.0	4.5	0.4	-	-	-	-	-	-	-	-	-	-	24.2	1653
21 - 24	-	3.1	14.1	6.1	0.8	*	-	-	-	-	-	-	-	-	-	4.3	295
25 - 33	-	0.1	1.5	1.8	0.8	0.1	-	-	-	-	-	-	-	-	-	0.6	40
34 - 47	-	*	0.2	0.3	0.1	-	-	-	-	-	-	-	-	-	-	0.0	1
> 48	-	-	-	*	-	-	-	-	-	-	-	-	-	-	-	10.0	682
TOTAL %	0.0	29.0	50.3	17.9	2.8	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	0	1979	3437	1220	191	7	0	0	0	0	0	0	0	0	0		6834

(* < 0.05%)

STATION: 46030

4 - PERCENT FREQUENCY OF AVERAGE WIND SPEED(KNOTS) VS SIGNIFICANT WAVE HEIGHT(METERS)

Month: JUL

WIND SPEED	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4		
0	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	-	0.5	37
1 - 3	-	0.3	0.2	*	-	-	-	-	-	-	-	-	-	-	-	5.9	478

4 - 6	-	5.4	3.6	0.8	*	-	-	-	-	-	-	-	-	-	-	9.8	799
7 - 10	-	11.2	5.4	1.2	0.1	-	-	-	-	-	-	-	-	-	-	17.9	1452
11 - 15	-	16.6	17.5	4.9	0.3	-	-	-	-	-	-	-	-	-	-	39.3	3191
16 - 20	-	4.6	12.8	6.0	0.7	-	-	-	-	-	-	-	-	-	-	24.1	1959
21 - 24	-	*	0.9	1.2	0.2	-	-	-	-	-	-	-	-	-	-	2.3	190
25 - 33	-	-	*	0.1	*	-	-	-	-	-	-	-	-	-	-	0.2	13
34 - 47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48	-	*	*	*	-	-	-	-	-	-	-	-	-	-	-	0.0	4
TOTAL %	0.0	40.7	42.8	15.0	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	0	3308	3475	1220	120	0	0	0	0	0	0	0	0	0	0		8123

(* < 0.05%)

STATION: 46030

4 - PERCENT FREQUENCY OF AVERAGE WIND SPEED(KNOTS) VS SIGNIFICANT WAVE HEIGHT(METERS)

Month: AUG

		WAVE HEIGHT																
		0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4	TOT %	TOT N
WIND SPEED	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	>13.4			
0	-	0.2	0.1	*	-	-	-	-	-	-	-	-	-	-	-	-	0.3	24
1 - 3	-	3.5	2.2	0.4	0.1	-	-	-	-	-	-	-	-	-	-	-	6.1	504
4 - 6	-	6.0	3.3	0.8	0.2	-	-	-	-	-	-	-	-	-	-	-	10.4	850
7 - 10	-	9.0	7.2	0.9	0.1	-	-	-	-	-	-	-	-	-	-	-	17.3	1418
11 - 15	-	15.6	17.2	3.0	0.1	-	-	-	-	-	-	-	-	-	-	-	35.9	2951
16 - 20	-	5.0	10.7	3.7	0.1	-	-	-	-	-	-	-	-	-	-	-	19.4	1590
21 - 24	-	0.4	0.9	0.6	*	-	-	-	-	-	-	-	-	-	-	-	1.9	158
25 - 33	-	-	*	*	-	-	-	-	-	-	-	-	-	-	-	-	0.1	5
34 - 47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48	-	4.3	2.8	1.3	0.2	-	-	-	-	-	-	-	-	-	-	-	8.7	711
TOTAL %	0.0	44.0	44.5	10.8	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	0	3614	3655	883	59	0	0	0	0	0	0	0	0	0	0	0		8211

(* < 0.05%)

STATION: 46030

4 - PERCENT FREQUENCY OF AVERAGE WIND SPEED(KNOTS) VS SIGNIFICANT WAVE HEIGHT(METERS)

Month: SEP

		WAVE HEIGHT																
		0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4	TOT %	TOT N
WIND SPEED	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	>13.4			
0	-	0.3	0.2	*	-	-	-	-	-	-	-	-	-	-	-	-	0.5	44
1 - 3	-	4.0	3.9	1.3	0.2	-	-	-	-	-	-	-	-	-	-	-	9.4	783
4 - 6	-	5.9	5.7	2.4	0.4	*	-	-	-	-	-	-	-	-	-	-	14.4	1196
7 - 10	-	7.6	9.9	2.9	0.3	*	*	-	-	-	-	-	-	-	-	-	20.7	1722
11 - 15	-	8.8	16.3	5.9	0.8	*	-	-	-	-	-	-	-	-	-	-	31.9	2649
16 - 20	-	3.0	6.3	4.6	1.0	*	-	-	-	-	-	-	-	-	-	-	14.9	1238
21 - 24	-	0.3	0.6	0.4	0.2	*	-	-	-	-	-	-	-	-	-	-	1.5	122
25 - 33	-	-	*	-	*	-	-	-	-	-	-	-	-	-	-	-	0.0	4
34 - 47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48	*	4.5	1.3	0.8	*	-	-	-	-	-	-	-	-	-	-	-	6.7	556
TOTAL %	0.0	34.5	44.2	18.3	2.8	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	1	2867	3678	1522	233	12	1	0	0	0	0	0	0	0	0	0		8314

(* < 0.05%)

STATION: 46030

4 - PERCENT FREQUENCY OF AVERAGE WIND SPEED(KNOTS) VS SIGNIFICANT WAVE HEIGHT(METERS)

Month: OCT

		WAVE HEIGHT																
		0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4	TOT %	TOT N
WIND SPEED	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	>13.4			
0	-	0.1	0.3	0.1	-	-	-	-	-	-	-	-	-	-	-	-	0.5	44
1 - 3	*	2.5	4.6	1.8	0.2	*	*	*	-	-	-	-	-	-	-	-	9.2	839
4 - 6	*	3.4	6.5	3.0	0.5	0.2	*	-	*	*	-	-	-	-	-	-	13.8	1255
7 - 10	0.1	5.4	10.3	5.3	1.1	0.2	-	-	*	-	-	-	-	-	-	-	22.4	2043
11 - 15	0.1	7.0	14.9	7.9	1.7	0.5	0.3	*	*	*	-	-	-	-	-	-	32.5	2959
16 - 20	*	3.2	7.3	4.9	1.5	0.4	0.1	*	-	-	-	-	-	-	-	-	17.4	1584
21 - 24	-	0.2	0.8	1.0	0.6	0.3	0.1	-	-	-	-	-	-	-	-	-	2.8	255
25 - 33	-	-	0.5	0.4	0.3	0.1	-	-	-	-	-	-	-	-	-	-	1.3	114
34 - 47	-	-	-	*	0.1	*	-	-	-	-	-	-	-	-	-	-	0.1	12
> 48	-	-	*	*	*	-	-	-	-	-	-	-	-	-	-	-	0.1	7
TOTAL %	0.2	21.9	45.2	24.4	6.0	1.6	0.5	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	18	1994	4122	2219	549	146	48	4	9	3	0	0	0	0	0	0		9112

(* < 0.05%)

STATION: 46030

4 - PERCENT FREQUENCY OF AVERAGE WIND SPEED(KNOTS) VS SIGNIFICANT WAVE HEIGHT(METERS)

Month: NOV

WIND SPEED	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4		
0	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	>13.4	0.4	31
1 - 3	*	1.4	3.2	2.1	0.7	0.2	0.1	-	-	-	-	-	-	-	-	7.7	642
4 - 6	0.2	2.5	5.2	4.1	1.5	0.5	0.1	*	-	-	-	-	-	-	-	14.0	1165
7 - 10	0.3	3.9	9.0	6.8	2.2	0.7	0.2	0.1	*	-	-	-	-	-	-	23.2	1932
11 - 15	*	3.7	12.9	7.8	2.6	0.7	0.4	0.1	*	-	-	-	-	-	-	28.2	2351
16 - 20	-	1.0	5.9	5.1	1.9	0.5	0.4	0.1	-	*	-	-	-	-	-	14.9	1241
21 - 24	-	0.1	1.6	2.1	0.8	0.4	0.2	*	*	-	-	-	-	-	-	5.3	440
25 - 33	-	*	0.7	1.9	1.3	0.4	0.3	0.1	*	-	-	-	-	-	-	4.8	396
34 - 47	-	-	-	0.2	0.3	0.3	0.1	0.1	*	*	*	-	-	-	-	1.0	80
> 48	-	-	0.1	0.3	0.1	*	-	*	-	-	-	-	-	-	-	0.6	46
TOTAL %	0.5	12.7	38.8	30.5	11.5	3.7	1.6	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	41	1058	3232	2541	954	307	133	47	8	2	1	0	0	0	0		8324

(* < 0.05%)

STATION: 46030

4 - PERCENT FREQUENCY OF AVERAGE WIND SPEED(KNOTS) VS SIGNIFICANT WAVE HEIGHT(METERS)

Month: DEC

WIND SPEED	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4		
0	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	>13.4	0.4	36
1 - 3	-	1.1	3.4	2.2	0.7	0.2	*	-	-	-	-	-	-	-	-	7.6	673
4 - 6	-	1.6	4.4	3.7	2.0	0.7	0.1	*	*	-	-	-	-	-	-	12.6	1116
7 - 10	-	2.3	5.7	5.5	4.0	1.4	0.3	*	-	*	-	-	-	-	-	19.2	1702
11 - 15	-	1.6	8.0	7.4	5.4	1.5	0.5	0.1	0.1	0.1	*	-	-	-	-	24.8	2197
16 - 20	-	0.4	4.9	6.2	4.2	1.2	0.2	0.1	0.1	*	-	-	-	-	-	17.4	1545
21 - 24	-	0.1	0.9	2.8	2.6	0.6	0.3	0.1	*	*	-	-	-	-	-	7.5	666
25 - 33	-	*	0.6	2.6	2.8	1.2	0.4	0.1	*	-	-	-	-	-	-	7.8	688
34 - 47	-	-	*	0.1	0.4	0.4	0.1	*	*	-	-	-	-	-	-	1.1	101
> 48	-	0.3	0.7	0.4	0.2	0.1	*	-	-	-	-	-	-	-	-	1.7	147
TOTAL %	0.0	7.7	28.7	31.0	22.3	7.4	2.0	0.5	0.2	0.1	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	0	680	2550	2753	1977	658	173	44	22	13	1	0	0	0	0		8871

(* < 0.05%)

STATION: 46030

4 - PERCENT FREQUENCY OF AVERAGE WIND SPEED(KNOTS) VS SIGNIFICANT WAVE HEIGHT(METERS)

All Months: Annual

WIND SPEED	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4		
0	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	>13.4	0.4	400
1 - 3	*	2.0	3.0	1.3	0.3	0.1	*	*	-	-	-	-	-	-	-	6.8	6210
4 - 6	*	3.3	4.7	2.3	0.7	0.2	*	*	*	*	-	-	-	-	-	11.3	10416
7 - 10	*	5.6	7.7	3.8	1.2	0.3	0.1	*	*	*	-	-	-	-	-	18.7	17184
11 - 15	*	7.0	13.4	6.2	1.8	0.4	0.1	*	*	*	*	*	-	-	-	29.1	26786
16 - 20	*	2.4	8.8	6.0	1.8	0.4	0.1	*	*	*	*	-	-	-	-	19.6	18008
21 - 24	-	0.2	1.5	2.0	1.1	0.2	0.1	*	*	*	-	-	-	-	-	5.1	4676
25 - 33	-	*	0.4	1.1	1.0	0.4	0.1	*	*	-	-	-	-	-	-	3.0	2792
34 - 47	-	-	*	0.1	0.1	0.1	*	*	*	*	*	-	-	-	-	0.4	354
> 48	*	1.5	2.2	1.4	0.4	0.1	0.1	*	-	-	-	-	-	-	-	5.6	5149
TOTAL %	0.1	22.2	41.9	24.1	8.5	2.2	0.7	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	108	20443	38560	22163	7811	2067	602	142	51	20	6	2	0	0	0		91975

(* < 0.05%)

STATION: 46030

4 - PERCENT FREQUENCY OF AVERAGE WIND SPEED(KNOTS) VS SIGNIFICANT WAVE HEIGHT(METERS)

Months: DEC, JAN, FEB (Winter)

WIND SPEED	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4		
0	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	>13.4	0.3	75
1 - 3	*	1.2	3.0	1.8	0.6	0.2	*	*	-	-	-	-	-	-	-	7.0	1522
4 - 6	-	1.8	4.4	3.0	1.4	0.5	0.1	*	*	-	-	-	-	-	-	11.1	2432
7 - 10	*	2.8	6.5	5.0	2.5	0.9	0.2	*	*	*	-	-	-	-	-	17.9	3912
11 - 15	*	2.2	9.6	7.2	4.1	1.1	0.3	0.1	0.1	*	*	*	-	-	-	24.7	5390
16 - 20	-	0.6	6.7	7.0	3.6	1.1	0.2	0.1	*	*	*	-	-	-	-	19.3	4212
21 - 24	-	0.1	1.8	3.2	2.3	0.5	0.2	*	*	*	-	-	-	-	-	8.2	1785
25 - 33	-	*	0.8	2.6	2.4	0.9	0.3	0.1	*	-	-	-	-	-	-	7.1	1549
34 - 47	-	-	*	0.2	0.3	0.3	0.1	*	*	-	-	-	-	-	-	1.0	208

20.5 - 21.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
21.5 - 22.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
22.5 - 23.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
23.5 - 24.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
24.5 - 25.4	-	-	-	-	*	-	-	-	-	-	-	-	-	-	-	-	0.0	1
TOTAL %	0.0	23.3	49.1	23.1	3.8	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	0	1572	3318	1563	257	38	4	0	0	0	0	0	0	0	0	0		6752

(* < 0.05%)

STATION: 46030

5 - PERCENT FREQUENCY OF SIGNIFICANT WAVE HEIGHT(METERS) VS DOMINANT WAVE PERIOD(SECONDS)

Month: JUN

		WAVE HEIGHT																
		0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4	TOT %	TOT N
WAVE PERIOD		0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4			
< 0.5		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4		-	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	0.1	4
3.5 - 4.4		-	0.2	*	-	-	-	-	-	-	-	-	-	-	-	-	0.2	14
4.5 - 5.4		-	0.5	0.3	-	-	-	-	-	-	-	-	-	-	-	-	0.8	56
5.5 - 6.4		-	1.9	1.7	*	-	-	-	-	-	-	-	-	-	-	-	3.6	246
6.5 - 7.4		-	3.5	7.9	0.5	-	-	-	-	-	-	-	-	-	-	-	11.9	809
7.5 - 8.4		-	7.7	17.0	4.8	0.2	-	-	-	-	-	-	-	-	-	-	29.8	2028
8.5 - 9.4		-	3.6	8.2	5.4	0.7	*	-	-	-	-	-	-	-	-	-	17.9	1217
9.5 - 10.4		-	2.4	6.8	2.4	1.1	*	-	-	-	-	-	-	-	-	-	12.7	862
10.5 - 11.4		-	1.3	3.8	1.8	0.4	0.1	-	-	-	-	-	-	-	-	-	7.4	503
11.5 - 12.4		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4		-	1.0	2.2	2.4	0.4	-	-	-	-	-	-	-	-	-	-	6.0	406
13.5 - 14.4		-	2.8	1.0	0.5	0.1	-	-	-	-	-	-	-	-	-	-	4.3	294
14.5 - 15.4		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4		-	3.9	0.8	0.1	-	-	-	-	-	-	-	-	-	-	-	4.7	323
17.5 - 18.4		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4		-	0.3	0.3	*	-	-	-	-	-	-	-	-	-	-	-	0.6	42
TOTAL %		0.0	29.1	50.1	17.9	2.8	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N		0	1979	3410	1217	191	7	0	0	0	0	0	0	0	0	0		6804

(* < 0.05%)

STATION: 46030

5 - PERCENT FREQUENCY OF SIGNIFICANT WAVE HEIGHT(METERS) VS DOMINANT WAVE PERIOD(SECONDS)

Month: JUL

		WAVE HEIGHT																
		0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4	TOT %	TOT N
WAVE PERIOD		0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4			
< 0.5		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4		-	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	0.1	5
3.5 - 4.4		-	0.3	-	-	-	-	-	-	-	-	-	-	-	-	-	0.3	21
4.5 - 5.4		-	1.2	*	-	-	-	-	-	-	-	-	-	-	-	-	1.3	103
5.5 - 6.4		-	5.3	2.1	-	-	-	-	-	-	-	-	-	-	-	-	7.4	599
6.5 - 7.4		-	8.3	9.1	0.1	-	-	-	-	-	-	-	-	-	-	-	17.5	1421
7.5 - 8.4		-	10.7	19.2	4.8	*	-	-	-	-	-	-	-	-	-	-	34.6	2810
8.5 - 9.4		-	4.0	6.5	6.9	0.3	-	-	-	-	-	-	-	-	-	-	17.7	1441
9.5 - 10.4		-	1.8	3.0	2.9	0.9	-	-	-	-	-	-	-	-	-	-	8.7	705
10.5 - 11.4		-	1.0	1.5	0.3	0.2	-	-	-	-	-	-	-	-	-	-	2.9	236
11.5 - 12.4		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4		-	1.0	0.2	*	-	-	-	-	-	-	-	-	-	-	-	1.3	102
13.5 - 14.4		-	2.9	0.4	-	-	-	-	-	-	-	-	-	-	-	-	3.3	264
14.5 - 15.4		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4		-	3.7	0.6	-	-	-	-	-	-	-	-	-	-	-	-	4.3	352
17.5 - 18.4		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4		-	0.5	0.2	-	-	-	-	-	-	-	-	-	-	-	-	0.8	61
TOTAL %		0.0	40.7	42.8	15.0	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N		0	3305	3475	1220	120	0	0	0	0	0	0	0	0	0	0		8120

(* < 0.05%)

STATION: 46030

5 - PERCENT FREQUENCY OF SIGNIFICANT WAVE HEIGHT(METERS) VS DOMINANT WAVE PERIOD(SECONDS)

Month: AUG

WAVE HEIGHT

WAVE PERIOD	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4	TOT %	TOT N
< 0.5	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	-	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	0.1	7
3.5 - 4.4	-	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	0.1	8
4.5 - 5.4	-	0.8	0.1	-	-	-	-	-	-	-	-	-	-	-	-	0.9	71
5.5 - 6.4	-	4.1	1.9	-	-	-	-	-	-	-	-	-	-	-	-	6.1	498
6.5 - 7.4	-	7.7	8.8	0.1	-	-	-	-	-	-	-	-	-	-	-	16.6	1363
7.5 - 8.4	-	11.1	19.8	4.1	*	-	-	-	-	-	-	-	-	-	-	35.1	2883
8.5 - 9.4	-	4.4	6.3	4.4	0.2	-	-	-	-	-	-	-	-	-	-	15.2	1252
9.5 - 10.4	-	3.2	4.2	1.6	0.4	-	-	-	-	-	-	-	-	-	-	9.4	768
10.5 - 11.4	-	1.5	1.9	0.2	0.1	-	-	-	-	-	-	-	-	-	-	3.7	302
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	2.3	0.4	0.1	-	-	-	-	-	-	-	-	-	-	-	2.9	235
13.5 - 14.4	-	4.6	0.5	0.3	-	-	-	-	-	-	-	-	-	-	-	5.4	446
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	3.8	0.5	-	-	-	-	-	-	-	-	-	-	-	-	4.3	354
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	0.3	*	-	-	-	-	-	-	-	-	-	-	-	-	0.3	24
TOTAL %	0.0	44.0	44.5	10.8	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	0	3614	3655	883	59	0	0	0	0	0	0	0	0	0	0		8211

(* < 0.05%)

STATION: 46030

5 - PERCENT FREQUENCY OF SIGNIFICANT WAVE HEIGHT(METERS) VS DOMINANT WAVE PERIOD(SECONDS)

Month: SEP

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4		
< 0.5	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	-	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	0.1	5
3.5 - 4.4	-	0.4	0.1	-	-	-	-	-	-	-	-	-	-	-	-	0.4	37
4.5 - 5.4	*	0.2	*	-	-	-	-	-	-	-	-	-	-	-	-	0.2	15
5.5 - 6.4	-	1.6	0.9	-	-	-	-	-	-	-	-	-	-	-	-	2.5	210
6.5 - 7.4	-	3.6	5.1	0.1	-	-	-	-	-	-	-	-	-	-	-	8.8	735
7.5 - 8.4	-	7.7	11.9	3.6	0.1	-	-	-	-	-	-	-	-	-	-	23.4	1948
8.5 - 9.4	-	4.5	5.6	4.7	0.6	-	-	-	-	-	-	-	-	-	-	15.3	1273
9.5 - 10.4	-	4.2	5.9	2.5	0.7	*	-	-	-	-	-	-	-	-	-	13.4	1115
10.5 - 11.4	-	3.8	5.0	1.5	0.2	*	-	-	-	-	-	-	-	-	-	10.5	877
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	2.3	4.6	2.3	0.3	-	-	-	-	-	-	-	-	-	-	9.5	788
13.5 - 14.4	-	2.6	3.2	1.9	0.3	0.1	*	-	-	-	-	-	-	-	-	8.0	668
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	3.0	1.6	1.2	0.5	*	-	-	-	-	-	-	-	-	-	6.3	526
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	0.6	0.3	0.5	*	-	-	-	-	-	-	-	-	-	-	1.4	113
20.5 - 21.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
21.5 - 22.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
22.5 - 23.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
23.5 - 24.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
24.5 - 25.4	-	-	*	-	-	-	-	-	-	-	-	-	-	-	-	0.0	3
TOTAL %	0.0	34.5	44.2	18.3	2.8	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	1	2867	3677	1522	233	12	1	0	0	0	0	0	0	0	0		8313

(* < 0.05%)

STATION: 46030

5 - PERCENT FREQUENCY OF SIGNIFICANT WAVE HEIGHT(METERS) VS DOMINANT WAVE PERIOD(SECONDS)

Month: OCT

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4		
< 0.5	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	-	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	2
3.5 - 4.4	-	*	0.1	-	-	-	-	-	-	-	-	-	-	-	-	0.1	8
4.5 - 5.4	-	0.1	0.2	-	-	-	-	-	-	-	-	-	-	-	-	0.3	27
5.5 - 6.4	-	1.2	0.9	0.1	-	-	-	-	-	-	-	-	-	-	-	2.3	208
6.5 - 7.4	*	1.6	2.2	0.3	0.1	-	-	-	-	-	-	-	-	-	-	4.2	387
7.5 - 8.4	*	2.9	6.0	2.4	0.1	*	-	-	-	-	-	-	-	-	-	11.5	1048

8.5 - 9.4	*	2.3	4.5	2.8	0.3	*	-	-	-	-	-	-	-	-	-	10.0	907
9.5 - 10.4	0.1	3.3	7.3	2.4	0.9	0.1	-	-	-	-	-	-	-	-	-	14.0	1276
10.5 - 11.4	*	3.0	10.3	4.8	0.9	0.2	*	-	-	-	-	-	-	-	-	19.1	1743
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	3.0	7.9	6.4	1.5	0.4	*	-	-	-	-	-	-	-	-	19.2	1748
13.5 - 14.4	-	2.6	3.4	3.9	1.6	0.6	0.2	*	-	-	-	-	-	-	-	12.4	1130
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	1.7	1.9	0.9	0.4	0.2	0.2	*	0.1	*	-	-	-	-	-	5.5	500
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	0.3	0.5	0.3	0.1	*	*	-	*	*	-	-	-	-	-	1.3	123
20.5 - 21.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
21.5 - 22.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
22.5 - 23.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
23.5 - 24.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
24.5 - 25.4	-	-	*	*	-	-	-	-	-	-	-	-	-	-	-	0.1	5
TOTAL %	0.2	21.9	45.2	24.4	6.0	1.6	0.5	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	18	1994	4122	2219	549	146	48	4	9	3	0	0	0	0	0		9112

(* < 0.05%)

STATION: 46030

5 - PERCENT FREQUENCY OF SIGNIFICANT WAVE HEIGHT(METERS) VS DOMINANT WAVE PERIOD(SECONDS)

Month: NOV

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0- 0.4	0.5- 1.4	1.5- 2.4	2.5- 3.4	3.5- 4.4	4.5- 5.4	5.5- 6.4	6.5- 7.4	7.5- 8.4	8.5- 9.4	9.5- 10.4	10.5- 11.4	11.5- 12.4	12.5- 13.4	>13.4		
< 0.5	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.1	11
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
3.5 - 4.4	-	*	*	-	-	-	-	-	-	-	-	-	-	-	-	0.1	6
4.5 - 5.4	*	0.1	0.3	*	-	-	-	-	-	-	-	-	-	-	-	0.5	39
5.5 - 6.4	*	0.3	0.7	0.3	*	-	-	-	-	-	-	-	-	-	-	1.3	111
6.5 - 7.4	0.1	0.6	1.1	0.7	0.2	*	-	-	-	-	-	-	-	-	-	2.6	217
7.5 - 8.4	0.1	2.0	2.8	1.8	0.6	0.1	-	-	-	-	-	-	-	-	-	7.4	613
8.5 - 9.4	*	1.2	3.3	1.7	0.4	0.1	*	*	-	-	-	-	-	-	-	6.7	561
9.5 - 10.4	-	2.0	6.0	3.1	0.8	0.2	0.1	*	-	-	-	-	-	-	-	12.1	1004
10.5 - 11.4	-	1.7	9.7	5.9	1.3	0.2	-	-	*	*	-	-	-	-	-	18.8	1567
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	0.1	2.2	8.2	8.8	2.8	0.8	0.2	*	*	*	*	-	-	-	-	23.2	1932
13.5 - 14.4	*	1.9	4.2	5.5	3.7	1.5	0.8	0.2	-	-	-	-	-	-	-	17.9	1492
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	0.6	1.8	2.1	1.4	0.7	0.5	0.2	0.1	-	-	-	-	-	-	7.4	614
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	0.2	0.5	0.7	0.1	0.1	*	*	*	-	-	-	-	-	-	1.8	146
20.5 - 21.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
21.5 - 22.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
22.5 - 23.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
23.5 - 24.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
24.5 - 25.4	-	-	0.1	-	-	-	-	-	-	-	-	-	-	-	-	0.1	11
TOTAL %	0.5	12.7	38.8	30.5	11.5	3.7	1.6	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	41	1058	3232	2541	954	307	133	47	8	2	1	0	0	0	0		8324

(* < 0.05%)

STATION: 46030

5 - PERCENT FREQUENCY OF SIGNIFICANT WAVE HEIGHT(METERS) VS DOMINANT WAVE PERIOD(SECONDS)

Month: DEC

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0- 0.4	0.5- 1.4	1.5- 2.4	2.5- 3.4	3.5- 4.4	4.5- 5.4	5.5- 6.4	6.5- 7.4	7.5- 8.4	8.5- 9.4	9.5- 10.4	10.5- 11.4	11.5- 12.4	12.5- 13.4	>13.4		
< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	*	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	1
3.5 - 4.4	-	*	*	-	-	-	-	-	-	-	-	-	-	-	-	0.1	8
4.5 - 5.4	-	*	0.3	-	-	-	-	-	-	-	-	-	-	-	-	0.3	30
5.5 - 6.4	-	0.1	0.8	0.3	-	-	-	-	-	-	-	-	-	-	-	1.3	116
6.5 - 7.4	-	0.2	1.3	0.7	0.2	-	-	-	-	-	-	-	-	-	-	2.5	218
7.5 - 8.4	-	0.3	2.7	1.6	0.7	0.1	-	-	-	-	-	-	-	-	-	5.5	487
8.5 - 9.4	-	0.3	2.0	1.8	0.8	0.2	0.1	*	-	-	-	-	-	-	-	5.2	457
9.5 - 10.4	-	0.7	2.4	2.1	1.4	0.3	0.1	*	*	-	-	-	-	-	-	7.0	623
10.5 - 11.4	-	0.9	4.2	4.3	2.2	0.6	0.1	*	*	-	-	-	-	-	-	12.4	1099
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	2.1	6.8	8.2	5.9	1.5	0.3	0.1	*	-	*	-	-	-	-	25.0	2222
13.5 - 14.4	-	2.1	5.4	7.5	7.2	3.0	0.6	0.2	0.1	*	-	-	-	-	-	26.0	2308

14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	0.7	2.0	3.1	3.1	1.4	0.6	0.2	0.1	0.1	-	-	-	-	11.3	1002	
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0	
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0	
19.5 - 20.4	-	0.1	0.7	1.2	0.8	0.2	0.1	*	*	-	-	-	-	-	3.1	278	
20.5 - 21.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0	
21.5 - 22.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0	
22.5 - 23.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0	
23.5 - 24.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0	
24.5 - 25.4	-	-	*	0.1	*	*	-	-	-	-	-	-	-	-	0.2	22	

TOTAL %	0.0	7.7	28.7	31.0	22.3	7.4	2.0	0.5	0.2	0.1	0.0	0.0	0.0	0.0	100.0		
TOTAL N	0	680	2550	2753	1977	658	173	44	22	13	1	0	0	0		8871	

(* < 0.05%)

STATION: 46030

5 - PERCENT FREQUENCY OF SIGNIFICANT WAVE HEIGHT(METERS) VS DOMINANT WAVE PERIOD(SECONDS)

All Months: Annual

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4		
< 0.5	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	-	0.0	14
0.5 - 1.4	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	*	*	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	38
3.5 - 4.4	*	0.2	*	-	-	-	-	-	-	-	-	-	-	-	-	0.2	175
4.5 - 5.4	*	0.3	0.2	*	-	-	-	-	-	-	-	-	-	-	-	0.6	530
5.5 - 6.4	*	1.4	1.2	0.1	*	-	-	-	-	-	-	-	-	-	-	2.8	2605
6.5 - 7.4	*	2.6	4.0	0.5	0.1	*	-	-	-	-	-	-	-	-	-	7.2	6578
7.5 - 8.4	*	4.5	9.0	3.2	0.4	*	-	-	-	-	-	-	-	-	-	17.1	15720
8.5 - 9.4	*	2.3	4.7	3.4	0.6	0.1	*	*	-	-	-	-	-	-	-	11.1	10177
9.5 - 10.4	*	2.1	5.2	2.5	0.9	0.2	*	*	*	-	-	-	-	-	-	10.9	10063
10.5 - 11.4	*	1.8	6.1	3.6	0.9	0.2	*	*	*	*	-	-	-	-	-	12.6	11591
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	*	2.1	5.6	5.1	2.0	0.5	0.1	*	*	*	*	-	-	-	-	15.3	14029
13.5 - 14.4	*	2.7	3.6	3.7	2.4	0.9	0.2	0.1	*	*	-	-	-	-	-	13.5	12376
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	2.0	1.8	1.5	1.0	0.4	0.2	0.1	*	*	*	-	-	-	-	7.0	6474
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	0.3	0.5	0.5	0.2	0.1	*	*	*	*	*	*	-	-	-	1.6	1492
20.5 - 21.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
21.5 - 22.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
22.5 - 23.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
23.5 - 24.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
24.5 - 25.4	-	-	*	*	*	*	-	-	-	-	-	-	-	-	-	0.1	78
TOTAL %	0.1	22.2	41.9	24.1	8.5	2.2	0.7	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	108	20440	38532	22159	7811	2067	602	142	51	20	6	2	0	0	0		91940

(* < 0.05%)

STATION: 46030

5 - PERCENT FREQUENCY OF SIGNIFICANT WAVE HEIGHT(METERS) VS DOMINANT WAVE PERIOD(SECONDS)

Months: DEC, JAN, FEB (Winter)

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4		
< 0.5	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	-	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	*	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	1
3.5 - 4.4	*	0.1	*	-	-	-	-	-	-	-	-	-	-	-	-	0.1	19
4.5 - 5.4	*	0.1	0.3	*	-	-	-	-	-	-	-	-	-	-	-	0.4	82
5.5 - 6.4	-	0.2	0.9	0.3	*	-	-	-	-	-	-	-	-	-	-	1.4	301
6.5 - 7.4	*	0.5	1.3	0.7	0.2	-	-	-	-	-	-	-	-	-	-	2.7	596
7.5 - 8.4	*	1.0	2.7	2.0	0.7	0.1	-	-	-	-	-	-	-	-	-	6.5	1420
8.5 - 9.4	*	0.7	2.4	1.8	0.9	0.1	*	*	-	-	-	-	-	-	-	5.9	1295
9.5 - 10.4	-	0.9	3.7	2.4	1.1	0.3	*	*	*	-	-	-	-	-	-	8.4	1843
10.5 - 11.4	-	1.0	5.6	4.6	1.9	0.5	0.1	*	*	-	-	-	-	-	-	13.8	3022
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	*	1.9	7.3	8.0	4.6	1.3	0.2	0.1	*	-	*	-	-	-	-	23.4	5110
13.5 - 14.4	-	2.0	5.9	6.9	5.5	2.2	0.5	0.1	*	*	-	-	-	-	-	23.2	5057
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	0.8	2.8	3.2	2.3	1.0	0.6	0.1	0.1	*	*	-	-	-	-	10.9	2387
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	0.1	0.9	1.1	0.6	0.2	0.1	*	*	*	*	*	-	-	-	3.1	672

20.5 - 21.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
21.5 - 22.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
22.5 - 23.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
23.5 - 24.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
24.5 - 25.4	-	-	*	0.1	*	*	-	-	-	-	-	-	-	-	-	-	0.2	38
TOTAL %	0.1	9.4	33.8	31.0	17.8	5.7	1.5	0.3	0.2	0.1	0.0	0.0	0.0	0.0	0.0	100.0		
TOTAL N	17	2057	7393	6774	3892	1249	332	73	34	15	5	2	0	0	0		21843	

(* < 0.05%)

STATION: 46030

5 - PERCENT FREQUENCY OF SIGNIFICANT WAVE HEIGHT(METERS) VS DOMINANT WAVE PERIOD(SECONDS)

Months: MAR, APR, MAY (Spring)

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N	
	0.0-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-5.4	5.5-6.4	6.5-7.4	7.5-8.4	8.5-9.4	9.5-10.4	10.5-11.4	11.5-12.4	12.5-13.4	>13.4			
< 0.5	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	3	
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0	
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0	
2.5 - 3.4	*	*	-	-	-	-	-	-	-	-	-	-	-	-	-	0.1	14	
3.5 - 4.4	*	0.3	*	-	-	-	-	-	-	-	-	-	-	-	-	0.3	62	
4.5 - 5.4	-	0.3	0.3	-	-	-	-	-	-	-	-	-	-	-	-	0.6	137	
5.5 - 6.4	-	0.5	1.4	0.2	*	-	-	-	-	-	-	-	-	-	-	2.0	432	
6.5 - 7.4	*	1.0	3.1	0.8	0.1	-	-	-	-	-	-	-	-	-	-	4.9	1050	
7.5 - 8.4	*	2.5	7.2	3.7	0.6	0.1	-	-	-	-	-	-	-	-	-	14.0	2970	
8.5 - 9.4	*	1.7	4.8	3.0	0.9	0.1	*	-	-	-	-	-	-	-	-	10.5	2231	
9.5 - 10.4	*	1.7	6.2	2.7	0.8	0.2	0.1	-	-	-	-	-	-	-	-	11.7	2490	
10.5 - 11.4	*	1.8	7.8	5.0	0.9	0.1	*	*	-	-	-	-	-	-	-	15.7	3341	
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0	
12.5 - 13.4	-	2.3	7.2	5.9	1.7	0.3	0.1	-	-	-	-	-	-	-	-	17.5	3708	
13.5 - 14.4	-	2.9	4.3	3.9	2.4	0.6	0.1	*	-	-	-	-	-	-	-	14.3	3025	
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0	
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0	
16.5 - 17.4	-	1.6	2.2	1.7	0.9	0.2	0.1	0.1	-	-	-	-	-	-	-	6.7	1418	
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0	
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0	
19.5 - 20.4	-	0.2	0.6	0.5	0.2	0.1	*	-	-	-	-	-	-	-	-	1.5	311	
20.5 - 21.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0	
21.5 - 22.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0	
22.5 - 23.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0	
23.5 - 24.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0	
24.5 - 25.4	-	-	*	0.1	*	-	-	-	-	-	-	-	-	-	-	0.1	21	
TOTAL %	0.1	16.8	45.1	27.3	8.5	1.6	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0		
TOTAL N	31	3566	9568	5783	1813	346	88	18	0	0	0	0	0	0	0		21213	

(* < 0.05%)

STATION: 46030

5 - PERCENT FREQUENCY OF SIGNIFICANT WAVE HEIGHT(METERS) VS DOMINANT WAVE PERIOD(SECONDS)

Months: JUN, JUL, AUG (Summer)

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N	
	0.0-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-5.4	5.5-6.4	6.5-7.4	7.5-8.4	8.5-9.4	9.5-10.4	10.5-11.4	11.5-12.4	12.5-13.4	>13.4			
< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0	
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0	
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0	
2.5 - 3.4	-	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	0.1	16	
3.5 - 4.4	-	0.2	*	-	-	-	-	-	-	-	-	-	-	-	-	0.2	43	
4.5 - 5.4	-	0.9	0.1	-	-	-	-	-	-	-	-	-	-	-	-	1.0	230	
5.5 - 6.4	-	3.9	1.9	*	-	-	-	-	-	-	-	-	-	-	-	5.8	1343	
6.5 - 7.4	-	6.6	8.6	0.2	-	-	-	-	-	-	-	-	-	-	-	15.5	3593	
7.5 - 8.4	-	10.0	18.8	4.6	0.1	-	-	-	-	-	-	-	-	-	-	33.4	7721	
8.5 - 9.4	-	4.0	6.9	5.5	0.4	*	-	-	-	-	-	-	-	-	-	16.9	3910	
9.5 - 10.4	-	2.5	4.6	2.3	0.8	*	-	-	-	-	-	-	-	-	-	10.1	2335	
10.5 - 11.4	-	1.3	2.3	0.7	0.2	*	-	-	-	-	-	-	-	-	-	4.5	1041	
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0	
12.5 - 13.4	-	1.5	0.9	0.8	0.1	-	-	-	-	-	-	-	-	-	-	3.2	743	
13.5 - 14.4	-	3.5	0.6	0.2	*	-	-	-	-	-	-	-	-	-	-	4.3	1004	
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0	
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0	
16.5 - 17.4	-	3.8	0.6	*	-	-	-	-	-	-	-	-	-	-	-	4.4	1029	
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0	
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0	
19.5 - 20.4	-	0.4	0.2	*	-	-	-	-	-	-	-	-	-	-	-	0.5	127	
TOTAL %	0.0	38.5	45.6	14.4	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0		
TOTAL N	0	8898	10540	3320	370	7	0	0	0	0	0	0	0	0	0		23135	

(* < 0.05%)

STATION: 46030

5 - PERCENT FREQUENCY OF SIGNIFICANT WAVE HEIGHT(METERS) VS DOMINANT WAVE PERIOD(SECONDS)

Months: SEP, OCT, NOV (Autumn)

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0- 0.4	0.5- 1.4	1.5- 2.4	2.5- 3.4	3.5- 4.4	4.5- 5.4	5.5- 6.4	6.5- 7.4	7.5- 8.4	8.5- 9.4	9.5- 10.4	10.5- 11.4	11.5- 12.4	12.5- 13.4	>13.4		
< 0.5	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	11
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	*	*	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	7
3.5 - 4.4	-	0.1	0.1	-	-	-	-	-	-	-	-	-	-	-	-	0.2	51
4.5 - 5.4	*	0.1	0.2	*	-	-	-	-	-	-	-	-	-	-	-	0.3	81
5.5 - 6.4	*	1.0	0.9	0.1	*	-	-	-	-	-	-	-	-	-	-	2.1	529
6.5 - 7.4	*	1.9	2.8	0.4	0.1	*	-	-	-	-	-	-	-	-	-	5.2	1339
7.5 - 8.4	*	4.1	6.9	2.6	0.3	*	-	-	-	-	-	-	-	-	-	14.0	3609
8.5 - 9.4	*	2.6	4.5	3.0	0.4	0.1	*	*	-	-	-	-	-	-	-	10.6	2741
9.5 - 10.4	*	3.2	6.4	2.7	0.8	0.1	*	*	-	-	-	-	-	-	-	13.2	3395
10.5 - 11.4	*	2.8	8.4	4.1	0.8	0.1	*	-	*	*	-	-	-	-	-	16.3	4187
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	*	2.5	6.9	5.9	1.5	0.4	0.1	*	*	*	*	-	-	-	-	17.4	4468
13.5 - 14.4	*	2.4	3.6	3.8	1.9	0.7	0.3	0.1	-	-	-	-	-	-	-	12.8	3290
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	1.8	1.7	1.4	0.8	0.3	0.2	0.1	*	*	-	-	-	-	-	6.4	1640
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	0.4	0.4	0.5	0.1	*	*	*	*	*	-	-	-	-	-	1.5	382
20.5 - 21.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
21.5 - 22.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
22.5 - 23.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
23.5 - 24.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
24.5 - 25.4	-	-	0.1	*	-	-	-	-	-	-	-	-	-	-	-	0.1	19
TOTAL %	0.2	23.0	42.8	24.4	6.7	1.8	0.7	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	60	5919	11031	6282	1736	465	182	51	17	5	1	0	0	0	0		25749

(* < 0.05%)

STATION: 46030

6 - PERCENT FREQUENCY OF SIGNIFICANT WAVE HEIGHT(METERS) VS AVERAGE WAVE PERIOD(SECONDS)

Month: JAN

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0- 0.4	0.5- 1.4	1.5- 2.4	2.5- 3.4	3.5- 4.4	4.5- 5.4	5.5- 6.4	6.5- 7.4	7.5- 8.4	8.5- 9.4	9.5- 10.4	10.5- 11.4	11.5- 12.4	12.5- 13.4	>13.4		
< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
3.5 - 4.4	0.1	0.5	*	-	-	-	-	-	-	-	-	-	-	-	-	0.6	38
4.5 - 5.4	0.1	1.1	1.8	0.1	-	-	-	-	-	-	-	-	-	-	-	3.0	204
5.5 - 6.4	0.1	2.8	8.8	3.2	0.2	-	-	-	-	-	-	-	-	-	-	15.0	1028
6.5 - 7.4	*	2.0	9.9	8.2	2.8	0.3	-	-	-	-	-	-	-	-	-	23.2	1591
7.5 - 8.4	-	1.3	9.2	9.9	4.8	1.2	0.2	-	-	-	-	-	-	-	-	26.7	1828
8.5 - 9.4	*	1.0	4.8	5.8	4.7	2.1	0.3	0.1	*	-	-	-	-	-	-	18.7	1284
9.5 - 10.4	-	0.7	1.5	1.9	2.1	0.8	0.5	0.1	*	-	-	-	-	-	-	7.7	525
10.5 - 11.4	-	0.2	0.7	0.7	0.6	0.5	0.1	0.1	*	*	-	-	-	-	-	2.9	199
11.5 - 12.4	-	*	0.2	0.5	0.4	0.1	0.1	*	*	-	*	-	-	-	-	1.3	90
12.5 - 13.4	-	-	0.1	0.2	0.2	-	*	*	*	*	*	*	-	-	-	0.6	43
13.5 - 14.4	-	-	-	0.1	0.1	*	-	-	-	-	-	-	-	-	-	0.2	17
14.5 - 15.4	-	-	-	*	*	*	-	-	-	-	-	-	-	-	-	0.1	5
15.5 - 16.4	-	-	-	-	0.1	*	-	-	-	-	-	-	-	-	-	0.1	5
16.5 - 17.4	-	-	-	-	*	-	-	-	-	-	-	-	-	-	-	0.0	1
TOTAL %	0.2	9.6	36.9	30.5	16.0	5.1	1.2	0.3	0.1	0.0	0.1	0.0	0.0	0.0	0.0	100.0	
TOTAL N	17	656	2530	2089	1097	350	84	18	9	2	4	2	0	0	0		6858

(* < 0.05%)

STATION: 46030

6 - PERCENT FREQUENCY OF SIGNIFICANT WAVE HEIGHT(METERS) VS AVERAGE WAVE PERIOD(SECONDS)

Month: FEB

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0- 0.4	0.5- 1.4	1.5- 2.4	2.5- 3.4	3.5- 4.4	4.5- 5.4	5.5- 6.4	6.5- 7.4	7.5- 8.4	8.5- 9.4	9.5- 10.4	10.5- 11.4	11.5- 12.4	12.5- 13.4	>13.4		
< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
3.5 - 4.4	-	*	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	3
4.5 - 5.4	-	1.4	2.0	*	-	-	-	-	-	-	-	-	-	-	-	3.5	212
5.5 - 6.4	-	3.2	8.6	4.2	0.3	-	-	-	-	-	-	-	-	-	-	16.3	997
6.5 - 7.4	-	3.4	11.1	8.4	3.1	0.3	-	-	-	-	-	-	-	-	-	26.3	1605
7.5 - 8.4	-	2.2	9.2	8.8	3.2	0.5	0.1	*	-	-	-	-	-	-	-	24.1	1471
8.5 - 9.4	-	1.0	4.1	5.5	3.6	1.1	0.1	*	*	-	-	-	-	-	-	15.5	946

9.5 - 10.4	-	0.5	1.5	2.8	2.2	1.1	0.4	*	*	-	-	-	-	-	-	8.5	522
10.5 - 11.4	-	0.1	0.8	1.8	0.8	0.8	0.3	*	-	-	-	-	-	-	-	4.6	281
11.5 - 12.4	-	-	0.3	0.1	0.1	0.2	0.3	*	-	-	-	-	-	-	-	1.0	64
12.5 - 13.4	-	-	*	-	*	*	0.1	*	*	-	-	-	-	-	-	0.2	12
13.5 - 14.4	-	-	-	-	-	-	-	*	-	-	-	-	-	-	-	0.0	1
TOTAL %	0.0	11.8	37.8	31.6	13.4	3.9	1.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	100.0		
TOTAL N	0	721	2313	1932	818	241	75	11	3	0	0	0	0	0		6114	

(* < 0.05%)

STATION: 46030

6 - PERCENT FREQUENCY OF SIGNIFICANT WAVE HEIGHT(METERS) VS AVERAGE WAVE PERIOD(SECONDS)

Month: MAR

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0- 0.4	0.5- 1.4	1.5- 2.4	2.5- 3.4	3.5- 4.4	4.5- 5.4	5.5- 6.4	6.5- 7.4	7.5- 8.4	8.5- 9.4	9.5- 10.4	10.5- 11.4	11.5- 12.4	12.5- 13.4	>13.4		
< 0.5	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	3
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	0.1	*	-	-	-	-	-	-	-	-	-	-	-	-	-	0.1	8
3.5 - 4.4	*	0.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.4	29
4.5 - 5.4	*	1.8	2.1	0.1	-	-	-	-	-	-	-	-	-	-	-	4.0	288
5.5 - 6.4	*	2.4	7.9	3.9	0.7	-	-	-	-	-	-	-	-	-	-	14.9	1076
6.5 - 7.4	0.1	2.2	10.6	9.8	3.7	0.5	-	-	-	-	-	-	-	-	-	27.0	1943
7.5 - 8.4	*	2.3	9.0	9.5	3.7	1.0	0.3	*	-	-	-	-	-	-	-	25.9	1865
8.5 - 9.4	0.1	1.1	5.1	6.0	3.4	0.7	0.2	*	-	-	-	-	-	-	-	16.6	1194
9.5 - 10.4	-	0.5	1.6	2.4	1.8	0.8	0.2	0.1	-	-	-	-	-	-	-	7.4	535
10.5 - 11.4	-	0.1	0.7	1.0	0.6	0.2	0.2	0.1	-	-	-	-	-	-	-	2.8	203
11.5 - 12.4	-	-	0.2	0.3	0.1	0.1	*	*	-	-	-	-	-	-	-	0.7	53
12.5 - 13.4	-	-	-	0.1	*	-	*	-	-	-	-	-	-	-	-	0.1	8
13.5 - 14.4	-	-	*	-	-	-	-	-	-	-	-	-	-	-	-	0.0	2
TOTAL %	0.4	10.7	37.3	33.1	14.0	3.3	0.9	0.2	0.0	0.0	0.0	0.0	0.0	0.0	100.0		
TOTAL N	31	774	2685	2388	1007	236	68	18	0	0	0	0	0	0		7207	

(* < 0.05%)

STATION: 46030

6 - PERCENT FREQUENCY OF SIGNIFICANT WAVE HEIGHT(METERS) VS AVERAGE WAVE PERIOD(SECONDS)

Month: APR

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0- 0.4	0.5- 1.4	1.5- 2.4	2.5- 3.4	3.5- 4.4	4.5- 5.4	5.5- 6.4	6.5- 7.4	7.5- 8.4	8.5- 9.4	9.5- 10.4	10.5- 11.4	11.5- 12.4	12.5- 13.4	>13.4		
< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
3.5 - 4.4	-	0.7	-	-	-	-	-	-	-	-	-	-	-	-	-	0.7	49
4.5 - 5.4	-	3.2	3.4	*	-	-	-	-	-	-	-	-	-	-	-	6.6	479
5.5 - 6.4	-	4.9	12.8	3.3	0.2	-	-	-	-	-	-	-	-	-	-	21.1	1533
6.5 - 7.4	-	5.2	14.1	6.9	2.0	*	-	-	-	-	-	-	-	-	-	28.3	2050
7.5 - 8.4	-	2.5	12.7	7.6	1.5	*	-	-	-	-	-	-	-	-	-	24.4	1767
8.5 - 9.4	-	0.3	5.2	4.9	2.0	0.2	*	-	-	-	-	-	-	-	-	12.7	918
9.5 - 10.4	-	*	0.9	1.6	1.1	0.4	0.1	-	-	-	-	-	-	-	-	4.1	300
10.5 - 11.4	-	*	0.1	0.6	0.5	0.1	0.1	-	-	-	-	-	-	-	-	1.4	105
11.5 - 12.4	-	-	-	0.2	0.2	0.2	-	-	-	-	-	-	-	-	-	0.6	44
12.5 - 13.4	-	-	-	*	*	*	*	-	-	-	-	-	-	-	-	0.1	8
13.5 - 14.4	-	-	-	*	-	*	-	-	-	-	-	-	-	-	-	0.0	2
TOTAL %	0.0	16.8	49.1	25.3	7.6	1.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0		
TOTAL N	0	1220	3565	1833	549	72	16	0	0	0	0	0	0	0		7255	

(* < 0.05%)

STATION: 46030

6 - PERCENT FREQUENCY OF SIGNIFICANT WAVE HEIGHT(METERS) VS AVERAGE WAVE PERIOD(SECONDS)

Month: MAY

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0- 0.4	0.5- 1.4	1.5- 2.4	2.5- 3.4	3.5- 4.4	4.5- 5.4	5.5- 6.4	6.5- 7.4	7.5- 8.4	8.5- 9.4	9.5- 10.4	10.5- 11.4	11.5- 12.4	12.5- 13.4	>13.4		
< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
3.5 - 4.4	-	1.0	0.2	-	-	-	-	-	-	-	-	-	-	-	-	1.2	78
4.5 - 5.4	-	5.9	7.4	0.2	-	-	-	-	-	-	-	-	-	-	-	13.6	916
5.5 - 6.4	-	7.0	21.8	8.0	0.1	-	-	-	-	-	-	-	-	-	-	36.8	2484
6.5 - 7.4	-	5.9	11.2	9.5	2.0	0.1	-	-	-	-	-	-	-	-	-	28.7	1939
7.5 - 8.4	-	2.7	5.8	3.4	0.8	0.3	*	-	-	-	-	-	-	-	-	13.1	884
8.5 - 9.4	-	0.5	2.0	1.5	0.6	0.1	*	-	-	-	-	-	-	-	-	4.7	317

9.5 - 10.4	-	0.2	0.5	0.5	0.3	*	-	-	-	-	-	-	-	-	-	1.5	103
10.5 - 11.4	-	-	0.2	0.1	0.1	*	-	-	-	-	-	-	-	-	-	0.4	25
11.5 - 12.4	-	-	*	*	*	-	-	-	-	-	-	-	-	-	-	0.1	6
TOTAL %	0.0	23.3	49.1	23.1	3.8	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	0	1572	3318	1563	257	38	4	0	0	0	0	0	0	0	0	6752	

(* < 0.05%)

STATION: 46030

6 - PERCENT FREQUENCY OF SIGNIFICANT WAVE HEIGHT(METERS) VS AVERAGE WAVE PERIOD(SECONDS)

Month: JUN

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4		
< 0.5	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	-	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
3.5 - 4.4	-	0.4	*	-	-	-	-	-	-	-	-	-	-	-	-	0.4	27
4.5 - 5.4	-	7.3	7.1	0.1	-	-	-	-	-	-	-	-	-	-	-	14.4	987
5.5 - 6.4	-	11.1	25.1	5.5	*	-	-	-	-	-	-	-	-	-	-	41.7	2852
6.5 - 7.4	-	7.6	13.5	8.5	1.7	*	-	-	-	-	-	-	-	-	-	31.3	2142
7.5 - 8.4	-	2.0	3.9	1.7	0.7	0.1	-	-	-	-	-	-	-	-	-	8.5	578
8.5 - 9.4	-	0.5	0.5	1.8	0.2	-	-	-	-	-	-	-	-	-	-	3.1	209
9.5 - 10.4	-	0.1	0.1	0.2	0.1	-	-	-	-	-	-	-	-	-	-	0.5	36
10.5 - 11.4	-	-	-	-	*	-	-	-	-	-	-	-	-	-	-	0.0	3
TOTAL %	0.0	29.0	50.3	17.9	2.8	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	0	1979	3437	1220	191	7	0	0	0	0	0	0	0	0	0	6834	

(* < 0.05%)

STATION: 46030

6 - PERCENT FREQUENCY OF SIGNIFICANT WAVE HEIGHT(METERS) VS AVERAGE WAVE PERIOD(SECONDS)

Month: JUL

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4		
< 0.5	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	-	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
3.5 - 4.4	-	0.8	-	-	-	-	-	-	-	-	-	-	-	-	-	0.8	63
4.5 - 5.4	-	16.7	6.5	-	-	-	-	-	-	-	-	-	-	-	-	23.2	1888
5.5 - 6.4	-	12.8	25.6	4.3	*	-	-	-	-	-	-	-	-	-	-	42.7	3469
6.5 - 7.4	-	7.4	8.9	10.4	1.0	-	-	-	-	-	-	-	-	-	-	27.8	2255
7.5 - 8.4	-	2.7	1.6	0.4	0.5	-	-	-	-	-	-	-	-	-	-	5.1	414
8.5 - 9.4	-	0.3	0.1	*	-	-	-	-	-	-	-	-	-	-	-	0.4	34
TOTAL %	0.0	40.7	42.8	15.0	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	0	3308	3475	1220	120	0	0	0	0	0	0	0	0	0	0	8123	

(* < 0.05%)

STATION: 46030

6 - PERCENT FREQUENCY OF SIGNIFICANT WAVE HEIGHT(METERS) VS AVERAGE WAVE PERIOD(SECONDS)

Month: AUG

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4		
< 0.5	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	-	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
3.5 - 4.4	-	0.8	-	-	-	-	-	-	-	-	-	-	-	-	-	0.8	66
4.5 - 5.4	-	13.4	5.0	-	-	-	-	-	-	-	-	-	-	-	-	18.4	1510
5.5 - 6.4	-	15.0	25.6	3.4	-	-	-	-	-	-	-	-	-	-	-	44.0	3611
6.5 - 7.4	-	11.2	10.2	6.4	0.4	-	-	-	-	-	-	-	-	-	-	28.3	2320
7.5 - 8.4	-	2.8	3.3	0.6	0.3	-	-	-	-	-	-	-	-	-	-	7.1	582
8.5 - 9.4	-	0.6	0.5	0.2	-	-	-	-	-	-	-	-	-	-	-	1.3	110
9.5 - 10.4	-	0.1	-	0.1	-	-	-	-	-	-	-	-	-	-	-	0.1	12
TOTAL %	0.0	44.0	44.5	10.8	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	0	3614	3655	883	59	0	0	0	0	0	0	0	0	0	0	8211	

(* < 0.05%)

STATION: 46030

6 - PERCENT FREQUENCY OF SIGNIFICANT WAVE HEIGHT(METERS) VS AVERAGE WAVE PERIOD(SECONDS)

Month: SEP

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0- 0.4	0.5- 1.4	1.5- 2.4	2.5- 3.4	3.5- 4.4	4.5- 5.4	5.5- 6.4	6.5- 7.4	7.5- 8.4	8.5- 9.4	9.5- 10.4	10.5- 11.4	11.5- 12.4	12.5- 13.4	>13.4		
< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
3.5 - 4.4	-	0.4	0.1	-	-	-	-	-	-	-	-	-	-	-	-	0.5	41
4.5 - 5.4	*	5.9	2.6	-	-	-	-	-	-	-	-	-	-	-	-	8.6	714
5.5 - 6.4	-	12.6	16.0	1.7	*	-	-	-	-	-	-	-	-	-	-	30.3	2522
6.5 - 7.4	-	10.3	14.3	9.7	0.9	-	-	-	-	-	-	-	-	-	-	35.2	2923
7.5 - 8.4	-	4.1	7.2	3.1	1.0	*	-	-	-	-	-	-	-	-	-	15.4	1278
8.5 - 9.4	-	1.0	2.8	1.2	0.1	*	-	-	-	-	-	-	-	-	-	5.1	421
9.5 - 10.4	-	0.1	0.8	1.0	0.1	*	-	-	-	-	-	-	-	-	-	2.1	173
10.5 - 11.4	-	*	0.3	0.7	0.2	*	-	-	-	-	-	-	-	-	-	1.3	106
11.5 - 12.4	-	-	0.2	0.7	0.3	-	-	-	-	-	-	-	-	-	-	1.2	97
12.5 - 13.4	-	-	0.1	0.1	0.2	-	-	-	-	-	-	-	-	-	-	0.4	30
13.5 - 14.4	-	-	*	*	*	-	-	-	-	-	-	-	-	-	-	0.1	6
14.5 - 15.4	-	-	-	*	-	-	-	-	-	-	-	-	-	-	-	0.0	2
15.5 - 16.4	-	-	-	*	-	-	-	-	-	-	-	-	-	-	-	0.0	1
TOTAL %	0.0	34.5	44.2	18.3	2.8	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	1	2867	3678	1522	233	12	1	0	0	0	0	0	0	0	0		8314

(* < 0.05%)

STATION: 46030

6 - PERCENT FREQUENCY OF SIGNIFICANT WAVE HEIGHT(METERS) VS AVERAGE WAVE PERIOD(SECONDS)

Month: OCT

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0- 0.4	0.5- 1.4	1.5- 2.4	2.5- 3.4	3.5- 4.4	4.5- 5.4	5.5- 6.4	6.5- 7.4	7.5- 8.4	8.5- 9.4	9.5- 10.4	10.5- 11.4	11.5- 12.4	12.5- 13.4	>13.4		
< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	2
3.5 - 4.4	0.1	0.2	*	-	-	-	-	-	-	-	-	-	-	-	-	0.3	24
4.5 - 5.4	*	4.1	2.0	0.1	-	-	-	-	-	-	-	-	-	-	-	6.2	566
5.5 - 6.4	*	5.4	10.1	1.7	0.1	-	-	-	-	-	-	-	-	-	-	17.3	1575
6.5 - 7.4	*	5.8	14.1	7.7	0.8	*	-	-	-	-	-	-	-	-	-	28.4	2591
7.5 - 8.4	*	4.1	10.4	7.6	2.3	0.5	-	-	-	-	-	-	-	-	-	24.9	2269
8.5 - 9.4	-	1.4	6.1	4.5	1.7	0.5	0.1	-	-	-	-	-	-	-	-	14.2	1290
9.5 - 10.4	-	0.7	2.1	2.1	0.8	0.5	0.4	-	-	-	-	-	-	-	-	6.4	584
10.5 - 11.4	-	0.3	0.4	0.5	0.3	0.1	0.1	*	-	-	-	-	-	-	-	1.7	158
11.5 - 12.4	-	0.1	*	0.1	0.1	*	-	*	0.1	-	-	-	-	-	-	0.4	38
12.5 - 13.4	-	-	*	*	*	-	-	*	*	-	-	-	-	-	-	0.1	12
13.5 - 14.4	-	-	-	*	-	-	-	*	-	-	-	-	-	-	-	0.0	2
14.5 - 15.4	-	-	-	-	-	*	-	-	-	-	-	-	-	-	-	0.0	1
TOTAL %	0.2	21.9	45.2	24.4	6.0	1.6	0.5	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	18	1994	4122	2219	549	146	48	4	9	3	0	0	0	0	0		9112

(* < 0.05%)

STATION: 46030

6 - PERCENT FREQUENCY OF SIGNIFICANT WAVE HEIGHT(METERS) VS AVERAGE WAVE PERIOD(SECONDS)

Month: NOV

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0- 0.4	0.5- 1.4	1.5- 2.4	2.5- 3.4	3.5- 4.4	4.5- 5.4	5.5- 6.4	6.5- 7.4	7.5- 8.4	8.5- 9.4	9.5- 10.4	10.5- 11.4	11.5- 12.4	12.5- 13.4	>13.4		
< 0.5	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.1	11
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
3.5 - 4.4	*	0.1	*	-	-	-	-	-	-	-	-	-	-	-	-	0.1	10
4.5 - 5.4	0.1	1.6	1.4	0.1	-	-	-	-	-	-	-	-	-	-	-	3.3	276
5.5 - 6.4	0.1	2.9	6.7	2.3	0.3	-	-	-	-	-	-	-	-	-	-	12.3	1026
6.5 - 7.4	0.1	4.2	12.7	6.7	1.7	0.2	-	-	-	-	-	-	-	-	-	25.6	2131
7.5 - 8.4	0.1	2.3	11.0	8.8	2.5	0.8	0.1	*	-	-	-	-	-	-	-	25.5	2125
8.5 - 9.4	-	1.0	5.6	8.3	3.6	1.1	0.5	0.1	-	-	-	-	-	-	-	20.2	1683
9.5 - 10.4	-	0.5	0.9	3.1	1.8	0.9	0.6	0.2	0.1	*	*	-	-	-	-	8.1	678
10.5 - 11.4	-	*	0.2	1.0	1.1	0.4	0.3	0.2	*	-	-	-	-	-	-	3.2	269
11.5 - 12.4	-	*	0.2	0.2	0.3	0.2	0.1	0.1	*	-	-	-	-	-	-	1.1	93
12.5 - 13.4	-	-	*	*	0.1	*	*	*	-	-	-	-	-	-	-	0.2	17
13.5 - 14.4	-	-	*	*	*	-	-	-	*	-	-	-	-	-	-	0.1	5
TOTAL %	0.5	12.7	38.8	30.5	11.5	3.7	1.6	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	41	1058	3232	2541	954	307	133	47	8	2	1	0	0	0	0		8324

(* < 0.05%)

STATION: 46030

6 - PERCENT FREQUENCY OF SIGNIFICANT WAVE HEIGHT(METERS) VS AVERAGE WAVE PERIOD(SECONDS)

Month: DEC

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-5.4	5.5-6.4	6.5-7.4	7.5-8.4	8.5-9.4	9.5-10.4	10.5-11.4	11.5-12.4	12.5-13.4	>13.4		
< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
3.5 - 4.4	-	0.1	*	-	-	-	-	-	-	-	-	-	-	-	-	0.1	9
4.5 - 5.4	-	0.7	1.3	*	-	-	-	-	-	-	-	-	-	-	-	2.0	176
5.5 - 6.4	-	1.3	6.1	2.6	0.3	-	-	-	-	-	-	-	-	-	-	10.3	916
6.5 - 7.4	-	1.7	7.5	8.2	3.4	0.4	-	-	-	-	-	-	-	-	-	21.2	1885
7.5 - 8.4	-	1.6	5.9	7.1	5.5	1.5	0.3	*	-	-	-	-	-	-	-	21.9	1947
8.5 - 9.4	-	1.1	4.1	7.8	6.0	1.8	0.5	0.2	*	-	-	-	-	-	-	21.6	1912
9.5 - 10.4	-	0.8	2.0	3.1	4.6	1.9	0.6	0.2	*	-	-	-	-	-	-	13.2	1172
10.5 - 11.4	-	0.2	1.3	1.3	1.7	1.2	0.4	0.1	0.1	*	-	-	-	-	-	6.4	571
11.5 - 12.4	-	0.1	0.4	0.6	0.5	0.4	0.2	*	0.1	0.1	-	-	-	-	-	2.3	207
12.5 - 13.4	-	*	0.1	0.2	0.2	0.1	*	-	-	*	-	-	-	-	-	0.8	68
13.5 - 14.4	-	-	-	*	*	-	*	-	-	-	-	-	-	-	-	0.1	8
TOTAL %	0.0	7.7	28.7	31.0	22.3	7.4	2.0	0.5	0.2	0.1	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	0	680	2550	2753	1977	658	173	44	22	13	1	0	0	0	0		8871

(* < 0.05%)

STATION: 46030

6 - PERCENT FREQUENCY OF SIGNIFICANT WAVE HEIGHT(METERS) VS AVERAGE WAVE PERIOD(SECONDS)

All Months: Annual

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-5.4	5.5-6.4	6.5-7.4	7.5-8.4	8.5-9.4	9.5-10.4	10.5-11.4	11.5-12.4	12.5-13.4	>13.4		
< 0.5	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	14
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	*	*	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	10
3.5 - 4.4	*	0.4	*	-	-	-	-	-	-	-	-	-	-	-	-	0.5	437
4.5 - 5.4	*	5.4	3.5	0.1	-	-	-	-	-	-	-	-	-	-	-	8.9	8216
5.5 - 6.4	*	6.9	14.5	3.5	0.2	-	-	-	-	-	-	-	-	-	-	25.1	23089
6.5 - 7.4	*	5.7	11.5	8.3	1.9	0.2	-	-	-	-	-	-	-	-	-	27.6	25375
7.5 - 8.4	*	2.6	7.4	5.7	2.2	0.5	0.1	*	-	-	-	-	-	-	-	18.5	17008
8.5 - 9.4	*	0.8	3.4	4.0	2.1	0.6	0.1	*	*	-	-	-	-	-	-	11.2	10318
9.5 - 10.4	-	0.4	1.0	1.6	1.2	0.5	0.2	0.1	*	*	*	-	-	-	-	5.0	4640
10.5 - 11.4	-	0.1	0.4	0.6	0.5	0.3	0.1	*	*	*	*	-	-	-	-	2.1	1920
11.5 - 12.4	-	*	0.1	0.2	0.2	0.1	0.1	*	*	*	*	-	-	-	-	0.8	692
12.5 - 13.4	-	*	*	0.1	0.1	*	*	*	*	*	*	*	-	-	-	0.2	198
13.5 - 14.4	-	-	*	*	*	*	*	-	*	-	-	-	-	-	-	0.0	43
14.5 - 15.4	-	-	-	*	*	*	-	-	-	-	-	-	-	-	-	0.0	8
15.5 - 16.4	-	-	-	*	*	*	-	-	-	-	-	-	-	-	-	0.0	6
16.5 - 17.4	-	-	-	-	*	-	-	-	-	-	-	-	-	-	-	0.0	1
TOTAL %	0.1	22.2	41.9	24.1	8.5	2.2	0.7	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	108	20443	38560	22163	7811	2067	602	142	51	20	6	2	0	0	0		91975

(* < 0.05%)

STATION: 46030

6 - PERCENT FREQUENCY OF SIGNIFICANT WAVE HEIGHT(METERS) VS AVERAGE WAVE PERIOD(SECONDS)

Months: DEC, JAN, FEB (Winter)

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-5.4	5.5-6.4	6.5-7.4	7.5-8.4	8.5-9.4	9.5-10.4	10.5-11.4	11.5-12.4	12.5-13.4	>13.4		
< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
3.5 - 4.4	*	0.2	*	-	-	-	-	-	-	-	-	-	-	-	-	0.2	50
4.5 - 5.4	*	1.0	1.6	0.1	-	-	-	-	-	-	-	-	-	-	-	2.7	592
5.5 - 6.4	*	2.3	7.6	3.2	0.3	-	-	-	-	-	-	-	-	-	-	13.5	2941
6.5 - 7.4	*	2.3	9.3	8.2	3.1	0.3	-	-	-	-	-	-	-	-	-	23.3	5081
7.5 - 8.4	-	1.7	7.9	8.5	4.6	1.2	0.2	*	-	-	-	-	-	-	-	24.0	5246
8.5 - 9.4	*	1.0	4.3	6.5	4.9	1.7	0.3	0.1	*	-	-	-	-	-	-	19.0	4142
9.5 - 10.4	-	0.7	1.7	2.6	3.1	1.4	0.5	0.1	*	-	-	-	-	-	-	10.2	2219
10.5 - 11.4	-	0.2	1.0	1.3	1.1	0.9	0.3	0.1	0.1	*	*	-	-	-	-	4.8	1051
11.5 - 12.4	-	*	0.3	0.4	0.3	0.2	0.2	*	*	*	*	-	-	-	-	1.7	361
12.5 - 13.4	-	*	0.1	0.2	0.2	*	*	*	*	*	*	*	-	-	-	0.6	123
13.5 - 14.4	-	-	-	0.1	0.1	*	*	-	-	-	-	0.1	-	-	-	0.1	26
14.5 - 15.4	-	-	-	*	*	*	-	-	-	-	-	-	-	-	-	0.0	5
15.5 - 16.4	-	-	-	-	*	*	-	-	-	-	-	-	-	-	-	0.0	5
16.5 - 17.4	-	-	-	-	*	-	-	-	-	-	-	-	-	-	-	0.0	1

TOTAL %	0.1	9.4	33.8	31.0	17.8	5.7	1.5	0.3	0.2	0.1	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	17	2057	7393	6774	3892	1249	332	73	34	15	5	2	0	0	0		21843

(* < 0.05%)

STATION: 46030

6 - PERCENT FREQUENCY OF SIGNIFICANT WAVE HEIGHT(METERS) VS AVERAGE WAVE PERIOD(SECONDS)

Months: MAR, APR, MAY (Spring)

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4		
< 0.5	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4		0.0	3
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	*	*	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	8
3.5 - 4.4	*	0.7	0.1	-	-	-	-	-	-	-	-	-	-	-	-	0.7	156
4.5 - 5.4	*	3.6	4.2	0.1	-	-	-	-	-	-	-	-	-	-	-	7.9	1683
5.5 - 6.4	*	4.7	14.0	5.0	0.3	-	-	-	-	-	-	-	-	-	-	24.0	5093
6.5 - 7.4	*	4.4	12.0	8.7	2.6	0.2	-	-	-	-	-	-	-	-	-	28.0	5932
7.5 - 8.4	*	2.5	9.2	6.9	2.0	0.5	0.1	*	-	-	-	-	-	-	-	21.3	4516
8.5 - 9.4	*	0.7	4.1	4.2	2.0	0.3	0.1	*	-	-	-	-	-	-	-	11.4	2429
9.5 - 10.4	-	0.2	1.0	1.5	1.1	0.4	0.1	*	-	-	-	-	-	-	-	4.4	938
10.5 - 11.4	-	*	0.3	0.5	0.4	0.1	0.1	*	-	-	-	-	-	-	-	1.6	333
11.5 - 12.4	-	-	0.1	0.2	0.1	0.1	*	*	-	-	-	-	-	-	-	0.5	103
12.5 - 13.4	-	-	-	*	*	*	*	-	-	-	-	-	-	-	-	0.1	16
13.5 - 14.4	-	-	*	*	-	*	-	-	-	-	-	-	-	-	-	0.0	4
TOTAL %	0.1	16.8	45.1	27.3	8.5	1.6	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	31	3566	9568	5784	1813	346	88	18	0	0	0	0	0	0	0		21214

(* < 0.05%)

STATION: 46030

6 - PERCENT FREQUENCY OF SIGNIFICANT WAVE HEIGHT(METERS) VS AVERAGE WAVE PERIOD(SECONDS)

Months: JUN, JUL, AUG (Summer)

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4		
< 0.5	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4		0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
3.5 - 4.4	-	0.7	*	-	-	-	-	-	-	-	-	-	-	-	-	0.7	156
4.5 - 5.4	-	12.8	6.1	*	-	-	-	-	-	-	-	-	-	-	-	18.9	4385
5.5 - 6.4	-	13.1	25.5	4.3	*	-	-	-	-	-	-	-	-	-	-	42.9	9932
6.5 - 7.4	-	8.8	10.7	8.4	1.0	*	-	-	-	-	-	-	-	-	-	29.0	6717
7.5 - 8.4	-	2.6	2.9	0.9	0.5	*	-	-	-	-	-	-	-	-	-	6.8	1574
8.5 - 9.4	-	0.4	0.4	0.6	0.1	-	-	-	-	-	-	-	-	-	-	1.5	353
9.5 - 10.4	-	0.1	*	0.1	*	-	-	-	-	-	-	-	-	-	-	0.2	48
10.5 - 11.4	-	-	-	-	*	-	-	-	-	-	-	-	-	-	-	0.0	3
TOTAL %	0.0	38.4	45.6	14.3	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	0	8901	10567	3323	370	7	0	0	0	0	0	0	0	0	0		23168

(* < 0.05%)

STATION: 46030

6 - PERCENT FREQUENCY OF SIGNIFICANT WAVE HEIGHT(METERS) VS AVERAGE WAVE PERIOD(SECONDS)

Months: SEP, OCT, NOV (Autumn)

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4		
< 0.5	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4		0.0	11
0.5 - 1.4	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	2
3.5 - 4.4	*	0.2	*	-	-	-	-	-	-	-	-	-	-	-	-	0.3	75
4.5 - 5.4	0.1	3.9	2.0	0.1	-	-	-	-	-	-	-	-	-	-	-	6.0	1556
5.5 - 6.4	*	6.9	10.9	1.9	0.1	-	-	-	-	-	-	-	-	-	-	19.9	5123
6.5 - 7.4	*	6.7	13.7	8.0	1.1	0.1	-	-	-	-	-	-	-	-	-	29.7	7645
7.5 - 8.4	*	3.5	9.5	6.5	1.9	0.4	*	*	-	-	-	-	-	-	-	22.0	5672
8.5 - 9.4	-	1.1	4.9	4.7	1.8	0.5	0.2	*	-	-	-	-	-	-	-	13.2	3394
9.5 - 10.4	-	0.4	1.3	2.1	0.9	0.5	0.3	0.1	*	*	*	-	-	-	-	5.6	1435
10.5 - 11.4	-	0.1	0.3	0.7	0.5	0.2	0.1	0.1	*	-	-	-	-	-	-	2.1	533
11.5 - 12.4	-	*	0.1	0.3	0.2	0.1	*	*	*	-	-	-	-	-	-	0.9	228
12.5 - 13.4	-	-	*	*	0.1	*	*	*	*	-	-	-	-	-	-	0.2	59
13.5 - 14.4	-	-	*	*	*	-	-	-	*	-	-	-	-	-	-	0.1	13
14.5 - 15.4	-	-	-	*	-	*	-	-	-	-	-	-	-	-	-	0.0	3
15.5 - 16.4	-	-	-	*	-	-	-	-	-	-	-	-	-	-	-	0.0	1
TOTAL %	0.2	23.0	42.8	24.4	6.7	1.8	0.7	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	60	5919	11032	6282	1736	465	182	51	17	5	1	0	0	0	0		25750

(* < 0.05%)

STATION: 46030

7 - PERCENT FREQUENCY OF DOMINANT WAVE PERIOD(SECONDS) VS MEAN WAVE DIRECTION(TENS OF DEGREES)

Month: JAN

WAVE PERIOD	MEAN WAVE DIRECTION												TOT %	TOT N
	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
3.5 - 4.4	-	-	-	-	-	*	0.2	-	-	-	-	-	0.2	7
4.5 - 5.4	0.1	-	-	-	-	0.1	0.5	0.1	-	-	-	*	0.7	27
5.5 - 6.4	*	-	-	-	-	0.1	0.8	0.2	0.1	-	0.1	0.2	1.6	58
6.5 - 7.4	-	-	-	-	-	0.1	0.9	0.3	0.4	0.3	0.3	1.0	3.3	119
7.5 - 8.4	*	-	-	-	-	-	1.3	1.3	0.6	1.6	1.2	0.7	6.7	244
8.5 - 9.4	-	-	-	-	-	*	0.6	0.8	1.1	1.5	3.3	0.9	8.2	299
9.5 - 10.4	-	-	-	-	-	-	0.4	1.4	1.9	4.5	3.3	1.2	12.6	456
10.5 - 11.4	-	-	-	-	-	-	0.5	0.8	2.2	8.0	4.2	0.7	16.4	596
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	-	-	-	-	-	-	0.1	3.2	14.0	4.9	0.2	22.5	815
13.5 - 14.4	-	-	-	-	-	-	-	0.1	1.1	13.8	2.1	*	17.2	624
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	-	-	-	-	-	-	0.1	0.3	7.3	1.3	-	9.0	328
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	-	-	*	-	-	-	-	*	1.2	0.3	-	1.6	57
TOTAL %	0.1	0.0	0.0	0.0	0.0	0.3	5.0	5.2	10.9	52.2	21.1	5.1	100.0	
TOTAL N	4	0	0	1	0	12	183	188	397	1895	766	184		3630

(* < 0.05%)

STATION: 46030

7 - PERCENT FREQUENCY OF DOMINANT WAVE PERIOD(SECONDS) VS MEAN WAVE DIRECTION(TENS OF DEGREES)

Month: FEB

WAVE PERIOD	MEAN WAVE DIRECTION												TOT %	TOT N
	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
3.5 - 4.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
4.5 - 5.4	-	-	-	-	-	*	0.1	-	-	-	-	-	0.1	4
5.5 - 6.4	*	-	-	-	-	*	0.5	0.1	0.1	*	-	0.1	0.9	28
6.5 - 7.4	0.1	-	-	-	-	*	0.3	0.2	-	0.1	0.2	0.7	1.8	57
7.5 - 8.4	0.6	-	-	-	-	*	1.0	0.3	0.7	0.7	1.2	2.2	6.6	211
8.5 - 9.4	0.1	-	-	-	-	-	0.7	0.6	0.2	0.7	1.1	1.7	5.1	162
9.5 - 10.4	-	-	-	-	-	*	0.5	0.9	1.2	3.0	2.9	2.0	10.6	339
10.5 - 11.4	-	-	-	-	-	*	0.2	0.3	2.5	10.2	4.0	1.1	18.3	587
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	-	-	-	-	-	-	0.1	1.8	14.2	6.3	0.4	22.6	726
13.5 - 14.4	-	-	-	-	-	-	-	0.3	1.1	14.9	5.5	-	21.8	698
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	-	-	-	-	-	-	-	0.2	7.1	1.8	*	9.1	293
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	-	-	-	-	-	-	-	-	2.8	0.3	*	3.2	102
TOTAL %	0.8	0.0	0.0	0.0	0.0	0.2	3.2	2.9	7.7	53.8	23.3	8.1	100.0	
TOTAL N	25	0	0	0	0	6	104	93	248	1724	748	259		3207

(* < 0.05%)

STATION: 46030

7 - PERCENT FREQUENCY OF DOMINANT WAVE PERIOD(SECONDS) VS MEAN WAVE DIRECTION(TENS OF DEGREES)

Month: MAR

WAVE PERIOD	MEAN WAVE DIRECTION												TOT %	TOT N
	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
< 0.5	-	-	-	-	-	-	-	-	-	*	*	*	0.1	3
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	-	-	-	-	*	0.1	0.1	-	-	-	-	0.2	7
3.5 - 4.4	-	-	-	-	-	0.1	0.4	-	-	-	-	-	0.4	15
4.5 - 5.4	-	-	-	-	-	*	0.2	0.1	-	-	-	-	0.3	10
5.5 - 6.4	-	-	-	-	-	0.1	0.6	0.3	*	0.1	0.1	0.2	1.4	49
6.5 - 7.4	*	-	-	-	-	*	0.9	0.5	0.3	0.1	0.3	0.6	2.7	97
7.5 - 8.4	0.1	-	-	-	-	-	0.8	0.6	0.4	1.1	1.6	2.9	7.5	271
8.5 - 9.4	0.2	-	-	-	-	-	0.4	0.3	0.9	1.2	1.5	1.6	6.1	218

9.5 - 10.4	0.1	-	-	-	-	*	0.2	0.3	1.4	3.6	2.4	1.4	9.3	335
10.5 - 11.4	-	-	-	-	-	-	*	0.3	2.5	7.6	5.8	0.9	17.1	614
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	-	-	-	-	-	*	0.2	2.0	12.9	7.5	0.2	22.8	821
13.5 - 14.4	-	-	-	-	-	-	-	0.6	1.6	11.7	6.5	-	20.4	734
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	-	-	-	-	-	0.3	0.4	0.4	6.7	1.7	-	9.5	343
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	-	-	-	-	-	-	-	-	1.7	0.4	-	2.1	75
20.5 - 21.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
21.5 - 22.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
22.5 - 23.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
23.5 - 24.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
24.5 - 25.4	-	-	-	-	-	-	-	-	-	0.1	-	-	0.1	2
TOTAL %	0.4	0.0	0.0	0.0	0.0	0.3	3.9	3.5	9.5	47.0	27.7	7.7	100.0	
TOTAL N	13	0	0	0	0	10	139	127	342	1688	997	278		3594

(* < 0.05%)

STATION: 46030

7 - PERCENT FREQUENCY OF DOMINANT WAVE PERIOD(SECONDS) VS MEAN WAVE DIRECTION(TENS OF DEGREES)

Month: APR

WAVE PERIOD	MEAN WAVE DIRECTION												TOT %	TOT N
	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
3.5 - 4.4	-	-	-	-	-	*	*	-	-	-	-	-	0.1	2
4.5 - 5.4	-	-	-	-	-	*	0.3	*	-	-	-	-	0.4	13
5.5 - 6.4	-	-	-	-	-	*	0.5	0.1	0.1	0.1	-	0.1	0.8	28
6.5 - 7.4	0.1	-	-	-	-	0.1	0.6	0.6	0.2	0.4	0.4	1.5	4.1	137
7.5 - 8.4	0.5	-	-	-	-	-	0.3	0.2	0.6	2.9	1.3	3.4	9.1	308
8.5 - 9.4	0.2	-	-	-	-	-	-	-	0.3	3.1	1.5	1.5	6.6	222
9.5 - 10.4	-	-	-	-	-	-	-	-	0.3	5.8	4.1	0.4	10.6	356
10.5 - 11.4	-	-	-	-	-	-	-	-	0.2	10.7	10.1	0.3	21.3	719
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	-	-	-	-	-	-	*	0.3	17.0	8.1	0.2	25.7	866
13.5 - 14.4	-	-	-	*	-	-	0.1	0.1	0.5	11.6	2.7	0.1	15.0	507
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	-	-	-	-	-	-	0.1	0.2	4.1	0.6	-	5.1	171
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	-	-	-	-	-	-	*	-	1.0	0.1	-	1.2	41
TOTAL %	0.7	0.0	0.0	0.0	0.0	0.2	1.8	1.2	2.8	56.8	29.0	7.4	100.0	
TOTAL N	25	0	0	1	0	8	59	42	94	1915	976	250		3370

(* < 0.05%)

STATION: 46030

7 - PERCENT FREQUENCY OF DOMINANT WAVE PERIOD(SECONDS) VS MEAN WAVE DIRECTION(TENS OF DEGREES)

Month: MAY

WAVE PERIOD	MEAN WAVE DIRECTION												TOT %	TOT N
	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
3.5 - 4.4	0.1	-	-	-	-	0.1	0.1	-	-	-	-	0.1	0.4	12
4.5 - 5.4	0.1	-	-	-	-	*	0.4	-	-	-	0.1	0.3	0.9	25
5.5 - 6.4	0.2	-	-	-	-	*	0.6	0.2	*	-	0.2	1.6	2.9	85
6.5 - 7.4	0.4	-	-	-	-	-	1.6	0.6	0.4	0.3	0.9	3.4	7.6	219
7.5 - 8.4	0.5	-	-	-	-	*	1.6	1.3	1.0	1.1	2.6	11.6	19.8	573
8.5 - 9.4	0.2	-	-	-	-	-	-	0.1	1.2	1.8	2.8	6.4	12.6	366
9.5 - 10.4	-	-	-	-	-	-	-	-	1.0	4.3	4.2	1.8	11.4	331
10.5 - 11.4	-	-	-	-	-	-	-	-	0.3	8.1	4.5	0.3	13.2	384
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	-	-	-	-	-	*	0.4	1.2	8.0	3.5	0.1	13.2	382
13.5 - 14.4	-	-	-	-	-	0.1	0.9	2.9	1.7	4.0	0.9	-	10.6	306
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	-	-	-	-	*	1.4	2.6	1.4	1.3	0.2	-	7.0	202
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	-	-	-	-	-	-	0.1	0.1	0.3	-	-	0.5	14
TOTAL %	1.7	0.0	0.0	0.0	0.0	0.4	6.7	8.3	8.4	29.3	19.8	25.6	100.0	

TOTAL N 48 0 0 0 0 11 193 240 244 848 574 741 2899
 (* < 0.05%)

STATION: 46030

7 - PERCENT FREQUENCY OF DOMINANT WAVE PERIOD(SECONDS) VS MEAN WAVE DIRECTION(TENS OF DEGREES)

Month: JUN

WAVE PERIOD	MEAN WAVE DIRECTION												TOT %	TOT N
	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
3.5 - 4.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
4.5 - 5.4	-	-	-	-	-	*	0.1	-	-	-	*	0.1	0.2	7
5.5 - 6.4	0.1	-	-	-	-	-	0.1	*	*	0.1	0.6	2.0	2.9	82
6.5 - 7.4	0.1	-	-	-	-	-	-	-	0.1	0.6	3.0	9.0	12.7	356
7.5 - 8.4	0.6	-	-	-	-	-	-	-	*	3.6	9.9	14.3	28.4	796
8.5 - 9.4	0.3	-	-	-	-	-	-	-	0.1	2.8	7.2	5.7	16.1	452
9.5 - 10.4	-	-	-	-	-	-	-	-	*	4.0	7.0	1.9	12.9	361
10.5 - 11.4	-	-	-	-	-	-	-	-	0.2	3.6	3.8	0.2	7.8	219
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	-	-	-	-	-	-	-	0.2	4.1	2.9	*	7.2	202
13.5 - 14.4	-	*	-	-	-	-	0.5	1.4	1.1	1.1	0.7	0.1	4.9	137
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	0.1	*	-	-	0.1	1.1	2.7	1.4	0.6	*	-	6.0	167
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	-	-	-	-	-	0.1	0.4	0.2	0.1	-	-	0.8	22
TOTAL %	1.1	0.1	0.0	0.0	0.0	0.1	1.8	4.5	3.4	20.6	35.1	33.3	100.0	
TOTAL N	30	3	1	0	0	3	50	126	94	577	984	933		2801

(* < 0.05%)

STATION: 46030

7 - PERCENT FREQUENCY OF DOMINANT WAVE PERIOD(SECONDS) VS MEAN WAVE DIRECTION(TENS OF DEGREES)

Month: JUL

WAVE PERIOD	MEAN WAVE DIRECTION												TOT %	TOT N
	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
3.5 - 4.4	0.1	-	-	-	-	-	-	-	-	-	-	-	0.1	2
4.5 - 5.4	-	-	-	-	-	-	-	-	-	*	0.1	0.6	0.8	24
5.5 - 6.4	0.4	-	-	-	-	-	-	-	-	*	1.0	3.6	5.0	151
6.5 - 7.4	0.9	-	-	-	-	-	-	-	-	0.3	5.0	7.9	14.1	422
7.5 - 8.4	2.1	-	-	-	-	-	-	-	-	0.5	6.8	19.0	28.3	848
8.5 - 9.4	1.0	-	-	-	-	-	-	-	-	0.5	4.0	18.5	23.9	716
9.5 - 10.4	0.1	-	-	-	-	-	-	-	-	0.8	3.4	7.0	11.3	338
10.5 - 11.4	*	-	-	*	-	-	*	-	-	1.0	1.8	0.3	3.1	93
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	-	-	-	-	-	0.2	0.3	0.4	1.1	0.3	*	2.3	70
13.5 - 14.4	-	-	*	-	-	*	0.8	2.5	0.9	1.1	*	-	5.4	161
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	-	-	-	-	*	1.1	2.7	0.6	0.2	0.1	-	4.7	141
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	*	-	-	-	-	0.3	0.5	0.2	-	-	-	1.0	30
TOTAL %	4.6	0.0	0.0	0.0	0.0	0.1	2.5	6.0	2.0	5.4	22.5	56.8	100.0	
TOTAL N	137	1	1	1	0	2	74	180	61	163	674	1702		2996

(* < 0.05%)

STATION: 46030

7 - PERCENT FREQUENCY OF DOMINANT WAVE PERIOD(SECONDS) VS MEAN WAVE DIRECTION(TENS OF DEGREES)

Month: AUG

WAVE PERIOD	MEAN WAVE DIRECTION												TOT %	TOT N
	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
3.5 - 4.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
4.5 - 5.4	-	-	-	-	-	-	-	-	-	0.1	0.3	0.1	0.5	16
5.5 - 6.4	0.2	-	-	-	-	-	-	-	*	0.1	1.2	2.6	4.1	128
6.5 - 7.4	0.5	-	-	-	-	-	-	-	*	1.0	3.5	8.3	13.3	416

7.5 - 8.4	1.8	-	-	-	-	-	-	-	-	1.1	5.7	22.3	30.9	966
8.5 - 9.4	0.4	-	-	-	-	-	-	-	*	1.2	6.1	11.2	18.8	589
9.5 - 10.4	0.2	-	-	-	-	-	-	0.2	0.4	2.0	5.0	3.7	11.5	360
10.5 - 11.4	-	-	-	-	-	-	*	0.1	*	1.9	1.0	0.6	3.7	117
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	-	-	-	-	*	0.3	0.6	0.5	1.5	0.4	*	3.4	107
13.5 - 14.4	-	-	-	-	*	*	1.2	2.8	1.8	1.8	0.2	-	7.7	241
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	-	-	-	-	-	0.9	3.0	1.3	0.4	*	-	5.7	179
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	-	-	-	-	-	-	0.2	0.1	-	-	-	0.2	7
TOTAL %	3.0	0.0	0.0	0.0	0.0	0.1	2.4	6.9	4.3	11.0	23.4	48.8	100.0	
TOTAL N	95	0	0	0	1	2	76	215	133	345	732	1527		3126

(* < 0.05%)

STATION: 46030

7 - PERCENT FREQUENCY OF DOMINANT WAVE PERIOD(SECONDS) VS MEAN WAVE DIRECTION(TENS OF DEGREES)

Month: SEP

WAVE PERIOD	MEAN WAVE DIRECTION												TOT %	TOT N
	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
3.5 - 4.4	-	-	-	-	-	0.1	*	-	-	-	-	-	0.1	5
4.5 - 5.4	-	-	-	-	-	-	*	0.1	-	*	*	0.1	0.3	10
5.5 - 6.4	0.1	-	-	-	-	-	-	-	*	0.1	0.5	2.5	3.1	111
6.5 - 7.4	0.2	-	-	-	-	-	-	-	*	0.3	2.4	5.8	8.8	312
7.5 - 8.4	0.4	-	-	-	-	-	-	-	-	1.5	6.4	13.6	21.9	777
8.5 - 9.4	0.2	-	-	-	-	-	-	-	-	1.2	4.7	6.8	12.9	456
9.5 - 10.4	0.1	-	-	-	-	-	-	-	0.1	2.6	7.9	2.0	12.7	452
10.5 - 11.4	-	-	-	-	-	-	-	*	0.2	3.4	8.0	0.3	11.9	422
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	-	-	-	-	-	-	0.1	0.5	3.4	6.7	0.2	10.7	381
13.5 - 14.4	-	-	-	-	-	-	0.2	1.7	0.7	2.8	3.3	-	8.8	312
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	0.1	0.2	*	-	-	-	0.3	2.6	0.6	1.7	1.6	*	7.2	254
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	0.1	-	-	-	-	*	0.3	*	0.9	0.3	-	1.5	53
20.5 - 21.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
21.5 - 22.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
22.5 - 23.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
23.5 - 24.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
24.5 - 25.4	-	-	-	-	-	-	-	-	-	*	-	-	0.0	1
TOTAL %	1.0	0.2	0.0	0.0	0.0	0.1	0.6	4.8	2.3	17.8	41.7	31.4	100.0	
TOTAL N	37	8	1	0	0	4	21	169	80	632	1479	1115		3546

(* < 0.05%)

STATION: 46030

7 - PERCENT FREQUENCY OF DOMINANT WAVE PERIOD(SECONDS) VS MEAN WAVE DIRECTION(TENS OF DEGREES)

Month: OCT

WAVE PERIOD	MEAN WAVE DIRECTION												TOT %	TOT N
	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	-	-	-	-	-	-	-	-	-	-	0.1	0.1	2
3.5 - 4.4	-	-	-	-	-	*	0.1	-	-	-	-	-	0.1	3
4.5 - 5.4	-	-	-	-	-	-	0.2	-	-	-	*	0.2	0.3	13
5.5 - 6.4	0.3	-	-	-	-	-	0.5	0.1	-	-	0.2	1.6	2.7	105
6.5 - 7.4	0.6	-	-	-	-	-	0.2	0.1	-	0.1	0.4	3.6	4.9	194
7.5 - 8.4	0.3	-	-	-	-	-	*	0.3	0.1	0.8	1.9	7.6	11.0	436
8.5 - 9.4	*	-	-	-	-	-	-	-	0.1	2.1	3.4	3.3	9.0	354
9.5 - 10.4	*	-	-	-	-	-	-	*	0.3	2.7	7.3	2.9	13.3	524
10.5 - 11.4	-	-	-	-	-	-	-	-	*	4.0	11.4	1.6	17.1	676
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	-	-	-	-	-	*	0.1	0.1	6.8	12.6	0.8	20.4	805
13.5 - 14.4	-	-	-	-	-	-	0.3	1.0	0.9	6.1	6.1	0.1	14.6	576
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	-	-	-	-	-	0.3	0.7	0.5	2.4	0.9	*	4.8	189
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	-	0.1	-	-	-	-	0.1	0.2	0.9	0.6	-	1.8	73

20.5 - 21.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
21.5 - 22.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
22.5 - 23.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
23.5 - 24.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
24.5 - 25.4	-	*	-	-	-	-	-	-	-	-	-	-	-	0.0	1
TOTAL %	1.2	0.0	0.1	0.0	0.0	0.0	1.6	2.4	2.3	25.8	44.8	21.8	100.0		
TOTAL N	49	1	2	0	0	1	64	93	90	1018	1772	861			3951

(* < 0.05%)

STATION: 46030

7 - PERCENT FREQUENCY OF DOMINANT WAVE PERIOD(SECONDS) VS MEAN WAVE DIRECTION(TENS OF DEGREES)

Month: NOV

WAVE PERIOD	MEAN WAVE DIRECTION												TOT %	TOT N	
	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34			
< 0.5	-	-	-	-	-	-	-	-	-	*	0.2	0.1	0.3	11	
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0	
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0	
2.5 - 3.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0	
3.5 - 4.4	-	-	-	-	-	*	-	-	-	-	-	-	0.0	1	
4.5 - 5.4	-	-	-	-	-	0.1	0.3	-	-	-	-	0.1	0.5	16	
5.5 - 6.4	-	-	-	-	-	*	0.4	*	-	*	0.1	*	0.6	21	
6.5 - 7.4	*	-	-	-	-	-	0.6	0.2	-	0.3	0.2	0.7	2.0	69	
7.5 - 8.4	0.2	-	-	-	-	-	0.5	0.4	0.4	1.0	2.5	4.1	9.1	314	
8.5 - 9.4	-	-	-	-	-	-	-	0.5	0.5	1.6	4.5	2.3	9.3	321	
9.5 - 10.4	-	-	-	-	-	-	-	0.2	0.5	3.4	8.8	3.0	16.0	552	
10.5 - 11.4	-	-	-	-	-	-	-	-	0.4	5.1	11.6	2.3	19.4	672	
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0	
12.5 - 13.4	-	-	-	-	-	-	-	-	0.3	6.5	14.0	1.9	22.8	789	
13.5 - 14.4	-	-	-	-	-	-	-	0.1	0.2	4.9	8.4	1.7	15.4	532	
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0	
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0	
16.5 - 17.4	-	-	-	-	-	-	-	-	0.4	1.6	2.2	0.1	4.3	148	
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0	
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0	
19.5 - 20.4	-	-	-	-	-	-	-	-	-	0.2	0.2	*	0.4	14	
TOTAL %	0.2	0.0	0.0	0.0	0.0	0.1	1.8	1.4	2.7	24.7	52.6	16.4	100.0		
TOTAL N	8	0	0	0	0	5	62	48	95	855	1820	567			3460

(* < 0.05%)

STATION: 46030

7 - PERCENT FREQUENCY OF DOMINANT WAVE PERIOD(SECONDS) VS MEAN WAVE DIRECTION(TENS OF DEGREES)

Month: DEC

WAVE PERIOD	MEAN WAVE DIRECTION												TOT %	TOT N	
	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34			
< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0	
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0	
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0	
2.5 - 3.4	-	-	-	-	-	*	-	-	-	-	-	-	0.0	1	
3.5 - 4.4	-	-	-	-	-	*	0.2	-	-	-	-	-	0.2	7	
4.5 - 5.4	-	-	-	-	-	0.1	0.4	-	-	-	-	-	0.5	18	
5.5 - 6.4	-	-	-	-	-	*	0.5	0.1	*	0.1	*	0.1	0.8	30	
6.5 - 7.4	0.3	-	-	-	-	-	1.0	0.2	-	0.1	0.1	0.8	2.5	91	
7.5 - 8.4	0.2	-	-	-	-	-	0.8	0.6	0.3	0.4	0.6	1.7	4.6	168	
8.5 - 9.4	-	-	-	-	-	-	0.4	0.3	0.1	1.1	0.9	2.5	5.4	194	
9.5 - 10.4	-	-	-	-	-	-	0.2	0.4	0.4	2.2	3.8	1.3	8.2	296	
10.5 - 11.4	-	-	-	-	-	-	0.1	0.7	0.1	4.6	6.7	1.5	13.6	494	
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0	
12.5 - 13.4	-	-	-	-	-	-	-	0.4	0.7	9.3	11.0	2.3	23.8	863	
13.5 - 14.4	*	-	-	-	-	-	-	0.6	0.6	14.0	9.9	1.2	26.4	956	
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0	
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0	
16.5 - 17.4	-	-	-	-	-	-	*	-	0.2	7.0	3.7	0.1	11.0	399	
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0	
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0	
19.5 - 20.4	-	-	*	-	-	-	-	0.1	*	1.9	0.7	-	2.7	99	
20.5 - 21.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0	
21.5 - 22.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0	
22.5 - 23.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0	
23.5 - 24.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0	
24.5 - 25.4	-	-	-	-	-	-	-	-	0.1	0.1	-	-	0.2	7	
TOTAL %	0.5	0.0	0.0	0.0	0.0	0.1	3.7	3.3	2.5	40.9	37.6	11.4	100.0		
TOTAL N	19	0	1	0	0	5	134	119	92	1480	1361	412			3623

(* < 0.05%)

STATION: 46030

7 - PERCENT FREQUENCY OF DOMINANT WAVE PERIOD(SECONDS) VS MEAN WAVE DIRECTION(TENS OF DEGREES)

All Months: Annual

WAVE PERIOD	MEAN WAVE DIRECTION												TOT %	TOT N
	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
< 0.5	-	-	-	-	-	-	-	-	-	*	*	*	0.0	14
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	-	-	-	-	*	*	*	-	-	-	*	0.0	10
3.5 - 4.4	*	-	-	-	-	*	0.1	-	-	-	-	*	0.1	54
4.5 - 5.4	*	-	-	-	-	*	0.2	*	-	*	*	0.1	0.5	183
5.5 - 6.4	0.1	-	-	-	-	*	0.4	0.1	*	*	0.3	1.2	2.2	876
6.5 - 7.4	0.3	-	-	-	-	*	0.5	0.2	0.1	0.3	1.3	3.4	6.2	2489
7.5 - 8.4	0.6	-	-	-	-	*	0.5	0.4	0.3	1.3	3.3	8.2	14.7	5912
8.5 - 9.4	0.2	-	-	-	-	*	0.2	0.2	0.4	1.6	3.3	4.9	10.8	4349
9.5 - 10.4	*	-	-	-	-	*	0.1	0.3	0.7	3.2	5.0	2.3	11.7	4700
10.5 - 11.4	*	-	-	*	-	*	0.1	0.2	0.7	5.7	6.3	0.9	13.9	5593
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	-	-	-	-	*	*	0.2	0.9	8.4	6.8	0.6	17.0	6827
13.5 - 14.4	*	*	*	*	*	*	0.3	1.1	1.0	7.6	4.1	0.3	14.4	5784
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	*	*	*	-	-	*	0.4	1.2	0.6	3.5	1.2	*	7.0	2814
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	*	*	*	-	-	*	0.1	0.1	1.0	0.3	*	1.5	587
20.5 - 21.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
21.5 - 22.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
22.5 - 23.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
23.5 - 24.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
24.5 - 25.4	-	*	-	-	-	-	-	-	*	*	-	-	0.0	11
TOTAL %	1.2	0.0	0.0	0.0	0.0	0.2	2.9	4.1	4.9	32.7	32.0	22.0	100.0	
TOTAL N	490	13	6	3	1	69	1159	1640	1970	13140	12883	8829		40203

(* < 0.05%)

STATION: 46030

7 - PERCENT FREQUENCY OF DOMINANT WAVE PERIOD(SECONDS) VS MEAN WAVE DIRECTION(TENS OF DEGREES)

Months: DEC, JAN, FEB (Winter)

WAVE PERIOD	MEAN WAVE DIRECTION												TOT %	TOT N
	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	-	-	-	-	*	-	-	-	-	-	-	0.0	1
3.5 - 4.4	-	-	-	-	-	*	0.1	-	-	-	-	-	0.1	14
4.5 - 5.4	*	-	-	-	-	0.1	0.3	*	-	-	-	*	0.5	49
5.5 - 6.4	*	-	-	-	-	0.1	0.6	0.1	0.1	*	*	0.2	1.1	116
6.5 - 7.4	0.1	-	-	-	-	*	0.8	0.3	0.1	0.2	0.2	0.8	2.6	267
7.5 - 8.4	0.2	-	-	-	-	*	1.0	0.7	0.5	0.9	1.0	1.5	6.0	623
8.5 - 9.4	*	-	-	-	-	*	0.6	0.6	0.5	1.1	1.8	1.7	6.3	655
9.5 - 10.4	-	-	-	-	-	*	0.3	0.9	1.2	3.2	3.3	1.4	10.4	1091
10.5 - 11.4	-	-	-	-	-	*	0.2	0.6	1.5	7.5	5.0	1.1	16.0	1677
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	-	-	-	-	-	-	0.2	1.9	12.4	7.5	1.0	23.0	2404
13.5 - 14.4	*	-	-	-	-	-	-	0.3	0.9	14.2	5.9	0.4	21.8	2278
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	-	-	-	-	-	*	*	0.2	7.1	2.3	*	9.8	1020
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	-	*	*	-	-	-	*	*	2.0	0.4	*	2.5	258
20.5 - 21.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
21.5 - 22.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
22.5 - 23.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
23.5 - 24.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
24.5 - 25.4	-	-	-	-	-	-	-	-	*	*	-	-	0.1	7
TOTAL %	0.5	0.0	0.0	0.0	0.0	0.2	4.0	3.8	7.0	48.7	27.5	8.2	100.0	
TOTAL N	48	0	1	1	0	23	421	400	737	5099	2875	855		10460

(* < 0.05%)

STATION: 46030

7 - PERCENT FREQUENCY OF DOMINANT WAVE PERIOD(SECONDS) VS MEAN WAVE DIRECTION(TENS OF DEGREES)

Months: MAR, APR, MAY (Spring)

WAVE PERIOD	MEAN WAVE DIRECTION												TOT %	TOT N
	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
< 0.5	-	-	-	-	-	-	-	-	-	*	*	*	0.0	3
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	-	-	-	-	*	*	*	-	-	-	-	0.1	7
3.5 - 4.4	*	-	-	-	-	0.1	0.2	-	-	-	-	*	0.3	29

19.5 - 20.4	-	*	*	-	-	-	*	0.1	0.1	0.7	0.4	*	1.3	140
20.5 - 21.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
21.5 - 22.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
22.5 - 23.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
23.5 - 24.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
24.5 - 25.4	-	*	-	-	-	-	-	-	-	*	-	-	0.0	2
TOTAL %	0.9	0.1	0.0	0.0	0.0	0.1	1.3	2.8	2.4	22.9	46.3	23.2	100.0	
TOTAL N	94	9	3	0	0	10	147	310	265	2505	5071	2543		10957

(* < 0.05%)

STATION: 46030

8 - PERCENT FREQUENCY OF SIGNIFICANT WAVE HEIGHT(METERS) VS MEAN WAVE DIRECTION(TENS OF DEGREES)

Month: JAN

WAVE HEIGHT	MEAN WAVE DIRECTION												TOT %	TOT N
	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
< 0.5	-	-	-	-	-	-	0.1	*	-	0.1	0.2	0.1	0.5	17
0.5 - 1.4	-	-	-	*	-	*	0.4	0.7	0.8	6.7	3.8	1.5	13.9	505
1.5 - 2.4	0.1	-	-	-	-	0.2	1.3	1.0	2.0	20.1	9.4	2.7	36.7	1333
2.5 - 3.4	*	-	-	-	-	0.1	1.7	1.5	3.7	15.4	5.0	0.7	28.1	1021
3.5 - 4.4	-	-	-	-	-	*	0.8	1.1	2.9	7.4	2.3	0.1	14.5	528
4.5 - 5.4	-	-	-	-	-	-	0.5	0.6	1.2	2.3	0.4	-	4.9	178
5.5 - 6.4	-	-	-	-	-	-	0.2	0.3	0.3	0.3	*	-	1.2	43
6.5 - 7.4	-	-	-	-	-	-	0.1	-	-	-	-	-	0.1	3
7.5 - 8.4	-	-	-	-	-	-	0.1	-	-	-	-	-	0.1	2
TOTAL %	0.1	0.0	0.0	0.0	0.0	0.3	5.0	5.2	10.9	52.2	21.1	5.1	100.0	
TOTAL N	4	0	0	1	0	12	183	188	397	1895	766	184		3630

(* < 0.05%)

STATION: 46030

8 - PERCENT FREQUENCY OF SIGNIFICANT WAVE HEIGHT(METERS) VS MEAN WAVE DIRECTION(TENS OF DEGREES)

Month: FEB

WAVE HEIGHT	MEAN WAVE DIRECTION												TOT %	TOT N
	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	*	-	-	-	-	*	0.4	0.3	0.8	6.3	2.5	1.5	11.8	380
1.5 - 2.4	0.4	-	-	-	-	0.1	1.1	0.9	3.4	23.7	8.3	3.5	41.3	1325
2.5 - 3.4	0.3	-	-	-	-	0.1	1.1	1.4	2.3	18.2	7.6	1.8	32.8	1052
3.5 - 4.4	*	-	-	-	-	-	0.4	0.2	1.0	5.1	4.1	1.2	12.1	388
4.5 - 5.4	-	-	-	-	-	-	0.2	0.1	0.1	0.4	0.9	0.1	1.8	57
5.5 - 6.4	-	-	-	-	-	-	0.1	-	*	-	0.1	-	0.2	5
TOTAL %	0.8	0.0	0.0	0.0	0.0	0.2	3.2	2.9	7.7	53.8	23.3	8.1	100.0	
TOTAL N	25	0	0	0	0	6	104	93	248	1724	748	259		3207

(* < 0.05%)

STATION: 46030

8 - PERCENT FREQUENCY OF SIGNIFICANT WAVE HEIGHT(METERS) VS MEAN WAVE DIRECTION(TENS OF DEGREES)

Month: MAR

WAVE HEIGHT	MEAN WAVE DIRECTION												TOT %	TOT N
	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
< 0.5	-	-	-	-	-	*	0.1	0.1	-	0.5	0.1	0.1	0.9	31
0.5 - 1.4	-	-	-	-	-	0.1	0.7	0.9	1.8	8.8	2.9	0.9	16.0	574
1.5 - 2.4	*	-	-	-	-	0.1	0.8	1.6	4.7	20.3	7.2	3.5	38.3	1375
2.5 - 3.4	0.1	-	-	-	-	*	1.1	0.3	1.7	13.0	10.7	2.1	28.9	1040
3.5 - 4.4	0.2	-	-	-	-	*	0.9	0.4	1.2	3.7	4.4	0.7	11.5	414
4.5 - 5.4	0.1	-	-	-	-	-	0.2	0.3	0.1	0.4	1.6	0.5	3.2	116
5.5 - 6.4	-	-	-	-	-	-	-	0.1	-	0.3	0.5	-	0.8	30
6.5 - 7.4	-	-	-	-	-	-	-	-	-	*	0.4	-	0.4	14
TOTAL %	0.4	0.0	0.0	0.0	0.0	0.3	3.9	3.5	9.5	47.0	27.7	7.7	100.0	
TOTAL N	13	0	0	0	0	10	139	127	342	1688	997	278		3594

(* < 0.05%)

STATION: 46030

8 - PERCENT FREQUENCY OF SIGNIFICANT WAVE HEIGHT(METERS) VS MEAN WAVE DIRECTION(TENS OF DEGREES)

Month: APR

WAVE HEIGHT	MEAN WAVE DIRECTION												TOT %	TOT N
	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	*	-	-	*	-	*	0.3	0.3	0.7	7.6	2.3	0.5	11.8	398
1.5 - 2.4	0.2	-	-	-	-	0.1	1.1	0.7	1.6	28.4	13.2	2.5	47.7	1606
2.5 - 3.4	0.2	-	-	-	-	0.1	0.3	0.2	0.5	13.6	10.7	3.1	28.7	967
3.5 - 4.4	0.3	-	-	-	-	0.1	-	0.1	0.1	5.5	2.7	1.3	10.1	340
4.5 - 5.4	*	-	-	-	-	-	-	-	-	1.2	0.1	-	1.3	44

5.5 - 6.4	-	-	-	-	-	-	-	-	-	-	0.4	*	-	0.4	15
TOTAL %	0.7	0.0	0.0	0.0	0.0	0.2	1.8	1.2	2.8	56.8	29.0	7.4	100.0		
TOTAL N	25	0	0	1	0	8	59	42	94	1915	976	250		3370	

(* < 0.05%)

STATION: 46030

8 - PERCENT FREQUENCY OF SIGNIFICANT WAVE HEIGHT(METERS) VS MEAN WAVE DIRECTION(TENS OF DEGREES)

Month: MAY

MEAN WAVE DIRECTION

WAVE HEIGHT	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
< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	0.2	-	-	-	-	0.3	2.3	5.5	5.1	9.2	5.3	3.2	31.1	902
1.5 - 2.4	1.2	-	-	-	-	*	3.5	2.3	2.9	13.5	9.8	12.6	45.7	1325
2.5 - 3.4	0.2	-	-	-	-	*	0.9	0.5	0.4	5.0	3.9	8.4	19.4	561
3.5 - 4.4	0.1	-	-	-	-	-	-	-	-	1.4	0.8	1.1	3.3	97
4.5 - 5.4	-	-	-	-	-	-	-	-	-	0.2	-	0.3	0.5	14
TOTAL %	1.7	0.0	0.0	0.0	0.0	0.4	6.7	8.3	8.4	29.3	19.8	25.6	100.0	
TOTAL N	48	0	0	0	0	11	193	240	244	848	574	741		2899

(* < 0.05%)

STATION: 46030

8 - PERCENT FREQUENCY OF SIGNIFICANT WAVE HEIGHT(METERS) VS MEAN WAVE DIRECTION(TENS OF DEGREES)

Month: JUN

MEAN WAVE DIRECTION

WAVE HEIGHT	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
< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	0.1	0.1	*	-	-	0.1	1.6	3.4	2.2	5.1	10.2	5.8	28.6	800
1.5 - 2.4	0.6	-	-	-	-	*	0.2	1.1	1.0	11.2	18.6	18.6	51.4	1440
2.5 - 3.4	0.4	-	-	-	-	-	-	-	0.1	3.9	5.3	7.2	16.8	471
3.5 - 4.4	-	-	-	-	-	-	-	-	-	0.4	1.1	1.7	3.2	89
4.5 - 5.4	-	-	-	-	-	-	-	-	-	-	-	*	0.0	1
TOTAL %	1.1	0.1	0.0	0.0	0.0	0.1	1.8	4.5	3.4	20.6	35.1	33.3	100.0	
TOTAL N	30	3	1	0	0	3	50	126	94	577	984	933		2801

(* < 0.05%)

STATION: 46030

8 - PERCENT FREQUENCY OF SIGNIFICANT WAVE HEIGHT(METERS) VS MEAN WAVE DIRECTION(TENS OF DEGREES)

Month: JUL

MEAN WAVE DIRECTION

WAVE HEIGHT	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
< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	0.7	*	*	*	-	0.1	1.7	4.9	2.0	3.6	11.8	14.2	39.1	1172
1.5 - 2.4	2.9	-	-	-	-	-	0.8	1.1	*	1.9	9.8	25.6	42.1	1262
2.5 - 3.4	1.0	-	-	-	-	-	-	-	-	-	0.8	15.9	17.6	528
3.5 - 4.4	-	-	-	-	-	-	-	-	-	-	*	1.1	1.1	34
TOTAL %	4.6	0.0	0.0	0.0	0.0	0.1	2.5	6.0	2.0	5.4	22.5	56.8	100.0	
TOTAL N	137	1	1	1	0	2	74	180	61	163	674	1702		2996

(* < 0.05%)

STATION: 46030

8 - PERCENT FREQUENCY OF SIGNIFICANT WAVE HEIGHT(METERS) VS MEAN WAVE DIRECTION(TENS OF DEGREES)

Month: AUG

MEAN WAVE DIRECTION

WAVE HEIGHT	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
< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	0.6	-	-	-	*	0.1	2.2	6.6	4.1	7.3	12.2	13.9	47.1	1471
1.5 - 2.4	1.8	-	-	-	-	-	0.3	0.3	0.1	3.6	9.0	26.5	41.6	1300
2.5 - 3.4	0.5	-	-	-	-	-	-	-	-	0.2	2.1	7.8	10.7	333
3.5 - 4.4	0.1	-	-	-	-	-	-	-	-	-	0.1	0.6	0.7	22
TOTAL %	3.0	0.0	0.0	0.0	0.0	0.1	2.4	6.9	4.3	11.0	23.4	48.8	100.0	
TOTAL N	95	0	0	0	1	2	76	215	133	345	732	1527		3126

(* < 0.05%)

STATION: 46030

8 - PERCENT FREQUENCY OF SIGNIFICANT WAVE HEIGHT(METERS) VS MEAN WAVE DIRECTION(TENS OF DEGREES)

Month: SEP

MEAN WAVE DIRECTION

WAVE HEIGHT	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
< 0.5	-	-	-	-	-	-	-	-	-	-	*	-	0.0	1

0.5 - 1.4	0.2	0.2	*	-	-	0.1	0.6	4.7	2.1	8.4	13.4	11.3	41.2	1462
1.5 - 2.4	0.5	-	-	-	-	-	-	*	0.1	7.0	20.6	13.4	41.6	1474
2.5 - 3.4	0.4	-	-	-	-	-	-	-	-	1.6	6.2	6.4	14.6	517
3.5 - 4.4	-	-	-	-	-	-	-	-	-	0.7	1.3	0.3	2.3	82
4.5 - 5.4	-	-	-	-	-	-	-	-	-	0.1	0.2	-	0.3	9
5.5 - 6.4	-	-	-	-	-	-	-	-	-	*	-	-	0.0	1
TOTAL %	1.0	0.2	0.0	0.0	0.0	0.1	0.6	4.8	2.3	17.8	41.7	31.4	100.0	
TOTAL N	37	8	1	0	0	4	21	169	80	632	1479	1115		3546

(* < 0.05%)

STATION: 46030

8 - PERCENT FREQUENCY OF SIGNIFICANT WAVE HEIGHT(METERS) VS MEAN WAVE DIRECTION(TENS OF DEGREES)

Month: OCT

WAVE HEIGHT	MEAN WAVE DIRECTION												TOT %	TOT N
	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
< 0.5	-	-	-	-	-	-	-	-	-	0.3	0.1	0.1	0.5	18
0.5 - 1.4	0.4	-	*	-	-	-	0.7	1.5	1.1	9.0	6.8	5.2	24.8	978
1.5 - 2.4	0.8	*	*	-	-	*	0.8	0.8	0.9	10.5	18.0	10.4	42.2	1669
2.5 - 3.4	0.1	-	-	-	-	-	0.1	0.1	0.2	4.4	14.1	4.9	24.0	949
3.5 - 4.4	*	-	-	-	-	-	-	-	-	1.3	4.0	0.9	6.3	247
4.5 - 5.4	-	-	-	-	-	-	-	-	-	0.2	1.4	0.2	1.8	71
5.5 - 6.4	-	-	-	-	-	-	-	-	-	0.1	0.4	-	0.5	18
6.5 - 7.4	-	-	-	-	-	-	-	-	-	-	*	-	0.0	1
TOTAL %	1.2	0.0	0.1	0.0	0.0	0.0	1.6	2.4	2.3	25.8	44.8	21.8	100.0	
TOTAL N	49	1	2	0	0	1	64	93	90	1018	1772	861		3951

(* < 0.05%)

STATION: 46030

8 - PERCENT FREQUENCY OF SIGNIFICANT WAVE HEIGHT(METERS) VS MEAN WAVE DIRECTION(TENS OF DEGREES)

Month: NOV

WAVE HEIGHT	MEAN WAVE DIRECTION												TOT %	TOT N
	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
< 0.5	-	-	-	-	-	-	-	-	-	0.4	0.6	0.2	1.2	41
0.5 - 1.4	-	-	-	-	-	0.1	0.1	0.6	5.9	8.5	2.2	17.4	603	
1.5 - 2.4	0.1	-	-	-	-	*	0.8	0.4	0.7	12.3	23.1	6.8	44.3	1533
2.5 - 3.4	0.1	-	-	-	-	*	0.6	0.5	0.8	5.6	13.4	4.2	25.2	871
3.5 - 4.4	*	-	-	-	-	-	0.3	0.2	0.6	0.5	4.2	1.9	7.7	267
4.5 - 5.4	-	-	-	-	-	-	0.1	0.1	0.1	-	1.8	0.5	2.5	88
5.5 - 6.4	-	-	-	-	-	-	-	0.1	-	-	0.8	0.5	1.4	49
6.5 - 7.4	-	-	-	-	-	-	-	-	-	-	0.1	0.1	0.2	7
7.5 - 8.4	-	-	-	-	-	-	-	-	-	-	*	-	0.0	1
TOTAL %	0.2	0.0	0.0	0.0	0.0	0.1	1.8	1.4	2.7	24.7	52.6	16.4	100.0	
TOTAL N	8	0	0	0	0	5	62	48	95	855	1820	567		3460

(* < 0.05%)

STATION: 46030

8 - PERCENT FREQUENCY OF SIGNIFICANT WAVE HEIGHT(METERS) VS MEAN WAVE DIRECTION(TENS OF DEGREES)

Month: DEC

WAVE HEIGHT	MEAN WAVE DIRECTION												TOT %	TOT N
	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	0.1	-	-	-	-	0.1	0.1	0.5	0.4	3.9	2.4	0.8	8.4	303
1.5 - 2.4	0.4	-	*	-	-	*	0.9	0.3	0.3	7.0	9.1	5.2	23.2	839
2.5 - 3.4	*	-	-	-	-	*	1.3	0.7	0.6	13.1	14.1	3.9	33.7	1220
3.5 - 4.4	0.1	-	-	-	-	-	0.6	1.1	0.7	12.4	9.6	1.2	25.5	924
4.5 - 5.4	-	-	-	-	-	-	0.6	0.3	0.4	3.4	2.2	0.3	7.1	259
5.5 - 6.4	-	-	-	-	-	-	0.3	0.1	0.1	0.6	0.2	-	1.2	45
6.5 - 7.4	-	-	-	-	-	-	-	0.2	0.1	0.1	*	-	0.4	16
7.5 - 8.4	-	-	-	-	-	-	-	0.1	0.1	0.2	-	-	0.3	12
8.5 - 9.4	-	-	-	-	-	-	-	-	-	0.1	-	-	0.1	5
TOTAL %	0.5	0.0	0.0	0.0	0.0	0.1	3.7	3.3	2.5	40.9	37.6	11.4	100.0	
TOTAL N	19	0	1	0	0	5	134	119	92	1480	1361	412		3623

(* < 0.05%)

STATION: 46030

8 - PERCENT FREQUENCY OF SIGNIFICANT WAVE HEIGHT(METERS) VS MEAN WAVE DIRECTION(TENS OF DEGREES)

All Months: Annual

WAVE HEIGHT	MEAN WAVE DIRECTION												TOT %	TOT N
	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
< 0.5	-	-	-	-	-	*	*	*	-	0.1	0.1	*	0.3	108
0.5 - 1.4	0.2	*	*	*	*	0.1	0.9	2.3	1.7	6.9	6.7	4.9	23.7	9548
1.5 - 2.4	0.7	*	*	-	-	*	0.9	0.8	1.5	13.4	13.1	10.5	41.0	16481

2.5 - 3.4	0.3	-	-	-	-	*	0.6	0.4	0.9	8.0	8.1	5.3	23.7	9530
3.5 - 4.4	0.1	-	-	-	-	*	0.3	0.3	0.6	3.3	3.0	1.0	8.5	3432
4.5 - 5.4	*	-	-	-	-	-	0.1	0.1	0.2	0.7	0.7	0.2	2.1	837
5.5 - 6.4	-	-	-	-	-	-	*	*	*	0.2	0.2	*	0.5	206
6.5 - 7.4	-	-	-	-	-	-	*	*	*	*	*	*	0.1	41
7.5 - 8.4	-	-	-	-	-	-	*	*	*	*	*	-	0.0	15
8.5 - 9.4	-	-	-	-	-	-	-	-	-	*	-	-	0.0	5
TOTAL %	1.2	0.0	0.0	0.0	0.0	0.2	2.9	4.1	4.9	32.7	32.0	22.0	100.0	
TOTAL N	490	13	6	3	1	69	1159	1640	1970	13140	12883	8829		40203

(* < 0.05%)

STATION: 46030

8 - PERCENT FREQUENCY OF SIGNIFICANT WAVE HEIGHT(METERS) VS MEAN WAVE DIRECTION(TENS OF DEGREES)

Months: DEC, JAN, FEB (Winter)

WAVE HEIGHT	MEAN WAVE DIRECTION												TOT %	TOT N
	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
< 0.5	-	-	-	-	-	-	*	*	-	*	0.1	*	0.2	17
0.5 - 1.4	*	-	-	*	-	*	0.3	0.5	0.7	5.6	2.9	1.3	11.4	1188
1.5 - 2.4	0.3	-	*	-	-	0.1	1.1	0.7	1.8	16.7	9.0	3.8	33.4	3497
2.5 - 3.4	0.1	-	-	-	-	0.1	1.4	1.2	2.2	15.4	9.0	2.2	31.5	3293
3.5 - 4.4	*	-	-	-	-	*	0.6	0.8	1.5	8.4	5.3	0.8	17.6	1840
4.5 - 5.4	-	-	-	-	-	-	0.4	0.3	0.6	2.1	1.1	0.1	4.7	494
5.5 - 6.4	-	-	-	-	-	-	0.2	0.1	0.1	0.3	0.1	-	0.9	93
6.5 - 7.4	-	-	-	-	-	-	*	0.1	*	*	*	-	0.2	19
7.5 - 8.4	-	-	-	-	-	-	*	*	*	0.1	-	-	0.1	14
8.5 - 9.4	-	-	-	-	-	-	-	-	-	*	-	-	0.0	5
TOTAL %	0.5	0.0	0.0	0.0	0.0	0.2	4.0	3.8	7.0	48.7	27.5	8.2	100.0	
TOTAL N	48	0	1	1	0	23	421	400	737	5099	2875	855		10460

(* < 0.05%)

STATION: 46030

8 - PERCENT FREQUENCY OF SIGNIFICANT WAVE HEIGHT(METERS) VS MEAN WAVE DIRECTION(TENS OF DEGREES)

Months: MAR, APR, MAY (Spring)

WAVE HEIGHT	MEAN WAVE DIRECTION												TOT %	TOT N
	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
< 0.5	-	-	-	-	-	*	*	*	-	0.2	*	*	0.3	31
0.5 - 1.4	0.1	-	-	*	-	0.1	1.0	2.0	2.4	8.5	3.4	1.4	19.0	1874
1.5 - 2.4	0.4	-	-	-	-	0.1	1.7	1.5	3.1	21.0	10.0	5.8	43.7	4306
2.5 - 3.4	0.2	-	-	-	-	*	0.8	0.3	0.9	10.9	8.7	4.3	26.0	2568
3.5 - 4.4	0.2	-	-	-	-	*	0.3	0.2	0.5	3.7	2.8	1.0	8.6	851
4.5 - 5.4	0.1	-	-	-	-	-	0.1	0.1	*	0.6	0.6	0.3	1.8	174
5.5 - 6.4	-	-	-	-	-	-	-	*	-	0.2	0.2	-	0.5	45
6.5 - 7.4	-	-	-	-	-	-	-	-	-	*	0.1	-	0.1	14
TOTAL %	0.9	0.0	0.0	0.0	0.0	0.3	4.0	4.1	6.9	45.1	25.8	12.9	100.0	
TOTAL N	86	0	0	1	0	29	391	409	680	4451	2547	1269		9863

(* < 0.05%)

STATION: 46030

8 - PERCENT FREQUENCY OF SIGNIFICANT WAVE HEIGHT(METERS) VS MEAN WAVE DIRECTION(TENS OF DEGREES)

Months: JUN, JUL, AUG (Summer)

WAVE HEIGHT	MEAN WAVE DIRECTION												TOT %	TOT N
	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
< 0.5	-	-	-	-	-	-	-	-	-	0.2	0.2	0.1	0.5	60
0.5 - 1.4	0.5	*	*	*	*	0.1	1.8	5.0	2.8	5.4	11.5	11.5	38.6	3443
1.5 - 2.4	1.8	-	-	-	-	*	0.4	0.8	0.4	5.4	12.3	23.7	44.9	4002
2.5 - 3.4	0.6	-	-	-	-	-	-	-	*	1.3	2.7	10.3	14.9	1332
3.5 - 4.4	*	-	-	-	-	-	-	-	-	0.1	0.4	1.1	1.6	145
4.5 - 5.4	-	-	-	-	-	-	-	-	-	-	-	*	0.0	1
TOTAL %	2.9	0.0	0.0	0.0	0.0	0.1	2.2	5.8	3.2	12.2	26.8	46.6	100.0	
TOTAL N	262	4	2	1	1	7	200	521	288	1085	2390	4162		8923

(* < 0.05%)

STATION: 46030

8 - PERCENT FREQUENCY OF SIGNIFICANT WAVE HEIGHT(METERS) VS MEAN WAVE DIRECTION(TENS OF DEGREES)

Months: SEP, OCT, NOV (Autumn)

WAVE HEIGHT	MEAN WAVE DIRECTION												TOT %	TOT N
	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
< 0.5	-	-	-	-	-	-	-	-	-	0.2	0.2	0.1	0.5	60
0.5 - 1.4	0.2	0.1	*	-	-	0.1	0.5	2.1	1.3	7.8	9.5	6.2	27.8	3043
1.5 - 2.4	0.5	*	*	-	-	*	0.5	0.4	0.6	9.9	20.5	10.3	42.7	4676
2.5 - 3.4	0.2	-	-	-	-	*	0.2	0.2	0.3	3.9	11.3	5.2	21.3	2337
3.5 - 4.4	*	-	-	-	-	-	0.1	0.1	0.2	0.8	3.2	1.0	5.4	596
4.5 - 5.4	-	-	-	-	-	-	*	*	*	0.1	1.1	0.2	1.5	168
5.5 - 6.4	-	-	-	-	-	-	-	*	-	*	0.4	0.2	0.6	68
6.5 - 7.4	-	-	-	-	-	-	-	-	-	-	0.1	*	0.1	8

7.5 - 8.4 - - - - - - - - - - * - 0.0 1

TOTAL %	0.9	0.1	0.0	0.0	0.0	0.1	1.3	2.8	2.4	22.9	46.3	23.2	100.0	
TOTAL N	94	9	3	0	0	10	147	310	265	2505	5071	2543		10957

(* < 0.05%)

Summary complete: 09-Sep-2003 07:53:25