

	# OBS	740	228	-	-	-	-	-	-	-	-	-	-	968
POR	MEAN	14.7	14.9	15.1	15.1	16.6	18.3	19.5	20.2	20.1	18.7	16.9	15.2	17.1
	MAXIMUM	17.5	17.6	18.3	20.6	22.2	21.9	22.2	23.4	23.8	23.0	21.2	18.3	23.8
	YEAR	1998	1995	1997	1996	1997	1997	1998	1994	1997	1997	1997	1997	SEP/1997
	MINIMUM	12.5	12.5	12.5	12.1	12.6	14.9	16.1	17.3	17.2	14.4	13.3	12.8	12.1
	YEAR	1999	1996	1991	1995	1995	1991	1991	1995	1991	1996	1994	1998	APR/1995
	# OBS	5903	5486	5310	4722	4873	4975	5243	5267	5004	5554	5662	5903	63902

STATION: 46045 -- POR (11/1992 - 11/1992)

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
1992	MEAN	-	-	-	-	-	-	-	-	-	-	17.5	-	17.5
	MAXIMUM	-	-	-	-	-	-	-	-	-	-	25.2	-	25.2
	DAY-HR	-	-	-	-	-	-	-	-	-	-	03-04	-	NOV
	MINIMUM	-	-	-	-	-	-	-	-	-	-	12.1	-	12.1
	DAY-HR	-	-	-	-	-	-	-	-	-	-	21-16	-	NOV
	# OBS	-	-	-	-	-	-	-	-	-	-	711	-	711
POR	MEAN	-	-	-	-	-	-	-	-	-	-	17.5	-	17.5
	MAXIMUM	-	-	-	-	-	-	-	-	-	-	25.2	-	25.2
	YEAR	-	-	-	-	-	-	-	-	-	-	1992	-	NOV/1992
	MINIMUM	-	-	-	-	-	-	-	-	-	-	12.1	-	12.1
	YEAR	-	-	-	-	-	-	-	-	-	-	1992	-	NOV/1992
	# OBS	-	-	-	-	-	-	-	-	-	-	711	-	711

STATION: 46045 -- POR (1/1991 - 2/1999)

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
1991	MEAN	1022.8	1017.5	1015.5	1015.8	1014.2	1013.8	1014.6	1015.0	1013.4	1013.4	1016.5	1017.3	1015.2
	MAXIMUM	1024.1	1026.8	1025.7	1023.6	1020.3	1017.4	1019.5	1020.5	1018.9	1022.7	1025.8	1025.8	1026.8
	DAY-HR	31-07	19-19	03-07	02-17	12-06	07-18	27-19	12-18	03-17	31-16	20-18	02-17	FEB
	MINIMUM	1019.6	999.1	996.8	1008.6	1006.5	1008.8	1008.8	1008.6	1008.0	1005.5	1004.1	1008.7	996.8
	DAY-HR	31-23	28-05	01-13	11-03	31-02	01-01	05-02	10-02	06-01	21-00	14-12	29-22	MAR
	# OBS	26	652	724	717	743	719	743	737	717	740	712	742	7972
1992	MEAN	1016.6	1016.0	1012.3	-	-	-	-	-	-	1014.2	1016.1	1016.9	1015.9
	MAXIMUM	1025.0	1022.7	1018.7	-	-	-	-	-	-	1018.8	1028.3	1024.6	1028.3
	DAY-HR	13-18	19-17	09-19	-	-	-	-	-	-	15-19	26-17	09-18	NOV
	MINIMUM	1005.3	1002.9	1003.9	-	-	-	-	-	-	1009.4	1008.8	1008.0	1002.9
	DAY-HR	05-22	07-00	02-23	-	-	-	-	-	-	30-22	23-05	04-23	FEB
	# OBS	740	688	209	-	-	-	-	-	-	392	712	735	3476
1993	MEAN	1014.9	1015.5	1017.4	1013.9	1013.1	1010.9	1013.0	1012.7	1012.8	1014.7	1016.7	1018.6	1014.5
	MAXIMUM	1027.3	1025.6	1024.4	1021.1	1018.6	1018.0	1018.0	1018.7	1018.2	1020.9	1022.9	1029.4	1029.4
	DAY-HR	20-18	01-18	01-18	17-20	29-19	07-05	30-19	10-19	03-18	20-17	09-18	24-18	DEC
	MINIMUM	1003.1	999.4	1008.6	1008.6	1007.2	1006.2	1007.1	1008.0	1006.4	1008.0	1008.0	1010.1	999.4
	DAY-HR	08-05	08-11	26-12	14-01	09-02	24-02	08-02	07-02	13-02	29-04	14-14	15-00	FEB
	# OBS	730	633	730	710	732	708	737	737	714	736	709	738	8614
1994	MEAN	1019.0	1017.2	1016.4	1016.1	1014.0	1012.7	1013.9	1012.6	1013.5	1012.6	1017.4	1017.4	1015.2
	MAXIMUM	1025.8	1027.6	1023.3	1020.2	1019.2	1016.9	1018.4	1016.4	1018.0	1019.8	1025.7	1024.2	1027.6
	DAY-HR	31-18	12-18	28-19	03-18	19-19	16-17	19-19	23-18	05-18	24-17	27-19	08-18	FEB
	MINIMUM	1012.0	1002.4	1008.0	1011.9	1010.8	1009.2	1009.3	1008.4	1007.6	1000.9	1006.9	1010.0	1000.9
	DAY-HR	28-00	08-01	25-01	10-03	22-01	26-12	08-02	12-03	30-23	15-11	12-01	23-23	OCT
	# OBS	740	627	727	449	465	714	729	739	711	734	713	737	8085
1995	MEAN	1017.5	1017.3	1015.9	1014.7	1014.2	1013.1	1012.9	1009.6	1011.4	1012.9	1016.7	1017.4	1014.4
	MAXIMUM	1024.7	1022.8	1023.9	1020.0	1019.4	1018.5	1017.1	1015.6	1015.0	1020.4	1021.7	1023.3	1024.7
	DAY-HR	28-18	17-19	13-17	17-21	09-19	17-19	07-19	21-19	11-18	20-18	07-19	15-08	JAN
	MINIMUM	1003.1	1003.6	1004.0	1006.8	1006.9	1006.2	1007.1	1002.5	1006.3	1005.2	1011.3	1011.0	1002.5
	DAY-HR	05-04	14-14	11-11	16-13	13-13	07-04	29-10	10-02	15-12	04-12	10-01	31-23	AUG
	# OBS	736	666	739	716	740	711	733	741	715	741	714	737	8689
1996	MEAN	1017.6	1016.5	1015.9	1014.7	1012.9	1012.2	1012.1	1011.7	1011.1	1012.9	1015.6	1017.6	1014.2
	MAXIMUM	1026.7	1025.8	1023.8	1021.0	1017.9	1016.3	1017.9	1015.8	1016.5	1022.1	1022.0	1025.4	1026.7
	DAY-HR	23-19	05-20	11-17	19-18	10-16	02-19	22-19	06-18	28-17	21-19	24-18	23-18	JAN
	MINIMUM	1005.4	1004.7	1006.2	1009.4	1005.6	1007.7	1007.9	1004.7	1005.8	1005.6	1005.7	1007.5	1004.7

POR	MEAN	7.6	9.1	9.0	8.4	8.3	7.3	7.3	6.9	6.7	6.8	7.2	8.1	7.7
	MAXIMUM	35.6	40.0	38.7	31.1	30.9	22.9	23.3	21.4	23.7	40.0	32.9	34.4	40.0
	YEAR	1996	1993	1994	1996	1991	1995	1995	1996	1994	1996	1994	1991	OCT/1996
	# OBS	4422	4673	3817	3286	4043	4260	4503	4526	4286	4820	5191	5875	53702

STATION: 46045 -- POR (4/1998 - 2/1999)

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	-	-	-	8.4	9.5	8.1	8.0	7.0	6.8	6.0	7.0	8.6	7.7
	MAXIMUM	-	-	-	20.6	24.1	15.7	15.7	14.4	12.2	11.7	15.7	22.2	24.1
	DAY-HR	-	-	-	16-07	13-11	03-02	05-01	18-23	10-00	28-05	09-22	21-10	MAY
	MINIMUM	-	-	-	1.7	1.6	0.8	1.6	1.0	1.2	0.6	0.8	1.7	0.6
	DAY-HR	-	-	-	19-11	21-10	17-09	20-05	21-15	11-15	27-04	16-05	28-03	OCT
	# OBS	-	-	-	333	714	696	733	777	713	733	725	738	6162
1999	MEAN	7.4	8.4	-	-	-	-	-	-	-	-	-	-	7.6
	MAXIMUM	18.9	21.2	-	-	-	-	-	-	-	-	-	-	21.2
	DAY-HR	26-20	10-19	-	-	-	-	-	-	-	-	-	-	FEB
	MINIMUM	0.8	1.4	-	-	-	-	-	-	-	-	-	-	0.8
	DAY-HR	13-03	02-19	-	-	-	-	-	-	-	-	-	-	JAN
	# OBS	765	227	-	-	-	-	-	-	-	-	-	-	992
POR	MEAN	7.4	8.4	-	8.4	9.5	8.1	8.0	7.0	6.8	6.0	7.0	8.6	7.7
	MAXIMUM	18.9	21.2	-	20.6	24.1	15.7	15.7	14.4	12.2	11.7	15.7	22.2	24.1
	YEAR	1999	1999	-	1998	1998	1998	1998	1998	1998	1998	1998	1998	MAY/1998
	MINIMUM	0.8	1.4	-	1.7	1.6	0.8	1.6	1.0	1.2	0.6	0.8	1.7	0.6
	YEAR	1999	1999	-	1998	1998	1998	1998	1998	1998	1998	1998	1998	OCT/1998
	# OBS	765	227	-	333	714	696	733	777	713	733	725	738	7154

STATION: 46045 -- POR (1/1991 - 2/1999)

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
1991	MEAN	0.4	1.1	1.4	1.0	1.1	0.8	0.7	0.7	0.7	0.7	1.0	0.9	0.9
	MAXIMUM	0.5	2.6	4.7	2.6	3.4	1.5	1.2	1.5	1.1	2.5	2.9	2.6	4.7
	DAY-HR	31-09	18-05	19-14	11-05	18-07	22-08	29-06	10-06	01-08	27-14	15-00	19-19	MAR
	# OBS	25	557	645	714	742	714	743	735	715	737	709	740	7776
1992	MEAN	1.1	1.2	1.2	-	-	-	-	-	-	-	0.5	0.9	1.0
	MAXIMUM	2.6	3.0	1.8	-	-	-	-	-	-	-	1.7	2.6	3.0
	DAY-HR	07-09	11-08	03-14	-	-	-	-	-	-	-	20-05	12-07	FEB
	# OBS	740	688	209	-	-	-	-	-	-	-	689	723	3049
1993	MEAN	1.1	1.4	1.0	1.2	0.9	0.7	0.6	0.6	0.7	0.6	0.7	1.1	0.9
	MAXIMUM	2.9	2.6	3.0	2.0	2.1	1.7	1.1	1.2	1.3	1.3	2.6	2.8	3.0
	DAY-HR	14-22	25-04	27-08	27-10	04-10	06-07	10-00	31-04	18-06	18-06	12-12	12-07	MAR
	# OBS	725	617	724	705	727	693	715	716	700	721	668	703	8414
1994	MEAN	1.0	1.1	1.0	1.1	1.0	1.0	0.8	0.8	0.8	0.9	0.9	1.0	0.9
	MAXIMUM	2.4	2.8	3.5	2.4	2.2	1.5	1.5	1.5	1.7	2.3	2.8	2.3	3.5
	DAY-HR	26-02	09-06	23-03	10-04	17-05	06-08	24-06	02-12	13-06	14-06	18-04	26-05	MAR
	# OBS	686	555	653	425	451	699	681	738	707	728	708	736	7767
1995	MEAN	1.5	0.9	1.1	1.0	0.9	0.9	0.7	0.7	0.8	0.7	0.7	1.2	0.9
	MAXIMUM	3.6	1.9	2.7	3.1	2.5	2.1	1.4	1.3	1.4	1.4	1.6	3.1	3.6
	DAY-HR	05-17	03-21	11-11	19-02	13-08	07-06	29-13	12-15	04-03	16-03	27-09	14-05	JAN
	# OBS	732	666	738	714	739	711	727	741	715	741	714	737	8675
1996	MEAN	1.0	1.2	1.0	1.1	1.0	0.8	0.8	0.8	0.8	0.9	1.0	1.0	0.9
	MAXIMUM	2.8	2.4	2.6	2.5	2.5	1.5	1.5	1.7	1.4	3.5	2.6	2.9	3.5
	DAY-HR	17-11	01-09	13-08	13-04	22-06	22-10	07-07	26-04	13-07	26-05	16-06	22-19	OCT
	# OBS	736	678	736	731	739	713	836	789	714	736	693	737	8838
1997	MEAN	1.2	1.2	0.9	1.2	0.9	1.0	0.8	0.9	1.0	0.9	1.2	1.0	1.0
	MAXIMUM	2.5	3.4	1.8	3.2	1.7	2.1	1.8	1.5	1.9	3.1	3.3	2.6	3.4
	DAY-HR	02-21	28-04	01-01	24-03	25-07	06-08	01-04	28-08	11-10	07-12	26-22	09-01	FEB
	# OBS	740	657	742	708	732	715	732	738	716	736	689	737	8642
1998	MEAN	1.2	-	2.1	1.1	1.1	0.9	0.8	0.8	0.7	0.9	1.2	1.2	1.0

	MAXIMUM	1.7	-	3.5	2.8	2.4	1.5	1.6	1.4	1.3	1.8	2.3	2.7	3.5
	DAY-HR	10-17	-	29-02	13-05	02-18	03-05	02-12	19-06	10-09	26-04	29-12	21-07	MAR
	# OBS	469	-	128	689	717	696	737	786	712	735	708	735	7112
1999	MEAN	1.0	1.1	-	-	-	-	-	-	-	-	-	-	1.1
	MAXIMUM	2.1	3.2	-	-	-	-	-	-	-	-	-	-	3.2
	DAY-HR	21-20	10-05	-	-	-	-	-	-	-	-	-	-	FEB
	# OBS	740	227	-	-	-	-	-	-	-	-	-	-	967
POR	MEAN	1.1	1.1	1.1	1.1	1.0	0.9	0.7	0.8	0.8	0.8	0.9	1.0	0.9
	MAXIMUM	3.6	3.4	4.7	3.2	3.4	2.1	1.8	1.7	1.9	3.5	3.3	3.1	4.7
	YEAR	1995	1997	1991	1997	1991	1997	1997	1996	1997	1996	1997	1995	MAR/1991
	# OBS	5593	4645	4575	4686	4847	4941	5171	5243	4979	5134	5578	5848	61240

STATION: 46045

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

Month: JAN

WIND SPEED	CALM	WIND DIRECTION												TOT %	TOT N
		35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
0	0.7	0.1	0.1	0.2	0.1	0.1	0.1	0.2	0.2	0.2	0.1	0.1	*	2.1	94
1 - 3		1.3	1.7	3.5	3.9	1.9	1.4	2.3	3.6	3.3	2.9	2.2	1.4	29.4	1302
4 - 6		1.0	2.0	6.9	6.2	0.8	0.6	1.7	3.5	4.6	3.7	1.5	1.4	34.0	1506
7 - 10		1.0	2.0	5.4	3.7	0.4	0.2	0.9	1.4	2.8	3.4	1.2	1.0	23.2	1027
11 - 15		0.3	0.4	0.6	0.8	0.1	0.3	0.7	0.5	0.6	2.0	0.7	0.5	7.6	338
16 - 20		0.4	0.1	0.2	0.1	-	-	0.2	0.1	0.1	1.1	0.4	0.4	3.1	138
21 - 24		-	-	-	-	-	-	-	-	*	0.2	0.2	-	0.4	17
25 - 33		-	-	-	-	-	-	-	-	-	*	*	-	0.1	3
34 - 47		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.7	4.1	6.4	16.7	14.8	3.3	2.7	5.9	9.2	11.6	13.5	6.3	4.8	100.0	
TOTAL N	31	180	281	741	656	146	118	262	407	515	597	277	214		4425

(* < 0.05%)

STATION: 46045

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	0.8	*	0.1	0.1	0.1	*	*	0.1	0.1	0.1	0.1	0.1	*	1.8	83
1 - 3		1.2	1.3	1.9	2.5	1.6	1.5	1.8	2.3	2.7	1.9	2.3	1.4	22.4	1051
4 - 6		0.8	1.4	4.3	4.1	1.0	0.8	1.9	3.5	4.2	3.8	2.6	1.8	30.1	1410
7 - 10		1.3	0.7	3.1	3.8	1.0	0.7	2.3	2.5	3.6	4.3	2.3	1.8	27.4	1286
11 - 15		0.6	0.3	0.5	1.4	0.5	0.8	1.2	0.4	1.0	2.9	0.7	1.1	11.4	536
16 - 20		0.3	0.1	0.2	0.4	0.3	0.4	0.3	0.3	0.3	1.7	0.6	0.6	5.6	263
21 - 24		*	*	*	*	0.1	0.1	0.1	*	0.1	0.3	*	0.2	1.1	50
25 - 33		-	-	-	*	-	*	-	-	-	0.2	-	-	0.3	12
34 - 47		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.8	4.2	3.9	10.2	12.4	4.6	4.3	7.7	9.2	11.9	15.2	8.6	6.9	100.0	
TOTAL N	37	198	182	478	584	218	202	363	432	558	711	405	323		4691

(* < 0.05%)

STATION: 46045

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	0.3	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	1.4	55
1 - 3		1.1	1.0	1.6	1.5	1.1	1.0	1.5	2.0	3.0	2.5	2.7	1.5	20.4	783
4 - 6		0.9	0.8	3.1	3.0	0.8	1.0	2.0	3.9	6.9	4.5	3.3	2.1	32.2	1235
7 - 10		0.9	0.4	2.1	2.5	0.9	0.7	1.9	3.4	6.6	4.8	2.5	2.6	29.3	1124
11 - 15		0.5	0.2	0.2	0.4	0.6	0.5	0.6	0.4	1.5	3.5	1.3	0.7	10.4	399
16 - 20		0.2	0.1	0.1	*	0.3	0.4	0.1	0.1	0.2	1.7	0.8	0.3	4.3	163
21 - 24		*	-	-	-	-	-	0.1	0.1	0.1	1.1	0.2	*	1.7	67
25 - 33		-	-	-	-	-	-	-	-	-	0.2	*	-	0.2	9
34 - 47		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.3	3.7	2.6	7.1	7.5	4.0	3.6	6.2	9.9	18.4	18.6	10.9	7.3	100.0	
TOTAL N	13	141	98	273	286	152	139	239	380	704	712	417	281		3835

(* < 0.05%)

STATION: 46045

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	0.9	*	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.2	0.1	0.1	0.1	2.0	67
1 - 3		0.9	0.9	1.4	1.1	1.0	0.9	2.5	2.3	2.6	2.6	1.9	2.2	20.2	665
4 - 6		1.2	0.7	2.4	2.2	1.1	0.8	2.7	5.6	5.3	4.0	3.2	2.7	31.8	1047
7 - 10		1.1	0.5	1.7	1.6	0.2	*	1.8	4.3	8.8	6.0	3.1	2.9	32.0	1052
11 - 15		0.5	0.2	*	0.1	0.2	0.1	0.4	0.5	1.7	4.3	0.8	1.2	9.9	327
16 - 20		0.3	-	-	*	-	*	-	-	0.1	2.2	0.2	0.5	3.4	112
21 - 24		*	-	-	-	-	-	-	-	-	0.4	*	0.1	0.6	20
25 - 33		*	-	-	-	-	-	-	-	-	-	-	-	0.0	1
34 - 47		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.9	4.1	2.4	5.7	5.1	2.6	2.1	7.4	12.9	18.6	19.6	9.2	9.5	100.0	
TOTAL N	28	135	78	186	169	84	68	245	423	612	645	304	314		3291

(* < 0.05%)

STATION: 46045

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	0.8	*	*	*	0.1	0.1	*	0.2	0.1	0.2	0.1	0.1	*	1.9	78
1 - 3		0.7	1.0	1.0	1.1	1.0	1.0	1.6	3.0	3.1	2.7	2.3	1.2	19.8	801
4 - 6		0.6	0.3	0.8	1.0	0.9	0.8	2.5	4.6	7.2	5.8	3.3	1.6	29.4	1191
7 - 10		1.0	0.4	0.4	0.4	0.3	0.4	2.3	4.8	11.8	10.0	2.8	2.5	37.0	1496
11 - 15		0.2	0.1	0.1	0.1	0.1	0.1	0.7	0.4	2.1	4.2	0.8	0.8	9.7	391
16 - 20		*	*	-	-	-	-	*	*	0.4	1.2	0.1	*	1.8	74
21 - 24		*	-	-	-	-	-	-	-	-	0.3	-	-	0.3	14
25 - 33		-	-	-	-	-	-	-	-	-	*	-	-	0.0	1
34 - 47		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.8	2.6	1.9	2.3	2.7	2.4	2.3	7.3	13.0	24.7	24.3	9.4	6.1	100.0	
TOTAL N	34	105	78	95	109	96	95	297	526	999	985	380	247		4046

(* < 0.05%)

STATION: 46045

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	0.8	0.1	0.1	0.1	*	0.1	0.1	0.3	0.1	0.2	0.1	0.2	0.1	2.4	101
1 - 3		0.7	0.7	0.8	1.1	0.9	1.5	2.4	3.8	4.3	3.7	2.5	1.7	24.1	1027
4 - 6		0.9	0.5	0.3	0.8	1.1	1.1	3.0	6.4	9.5	5.2	2.2	1.5	32.6	1390
7 - 10		1.0	0.3	0.2	0.6	1.1	0.3	2.7	5.9	12.9	7.0	1.9	1.7	35.7	1522
11 - 15		0.1	0.1	*	-	-	-	0.7	0.3	0.9	2.0	0.3	0.3	4.8	203
16 - 20		*	-	-	-	-	-	-	-	0.1	0.3	0.1	*	0.5	20
21 - 24		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
25 - 33		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
34 - 47		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.8	2.8	1.7	1.4	2.5	3.2	3.0	9.0	16.5	27.9	18.4	7.4	5.4	100.0	
TOTAL N	36	119	73	60	108	135	128	385	702	1190	784	314	229		4263

(* < 0.05%)

STATION: 46045

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	*	*	*	0.3	0.1	*	0.1	*	1.4	65
1 - 3		1.1	0.6	0.5	0.6	0.6	1.1	1.6	3.8	4.1	3.5	2.7	1.6	21.7	978
4 - 6		1.2	0.4	0.3	0.5	1.1	1.0	3.6	6.4	10.1	6.8	3.5	2.8	37.6	1696
7 - 10		1.0	0.2	0.1	0.4	0.4	0.4	2.0	4.6	14.3	7.8	2.1	2.6	36.1	1630
11 - 15		0.1	-	-	0.2	-	-	0.1	0.2	1.0	1.1	0.2	0.2	3.0	137
16 - 20		-	-	-	-	-	-	*	-	-	0.1	-	-	0.1	5
21 - 24		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
25 - 33		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
34 - 47		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.6	3.5	1.3	0.9	1.7	2.2	2.4	7.4	15.2	29.6	19.4	8.6	7.2	100.0	
TOTAL N	25	159	58	42	78	98	110	333	687	1335	873	388	325		4511

(* < 0.05%)

TOTAL %	1.3	5.3	6.4	12.0	11.1	3.3	2.3	5.4	8.3	14.4	14.3	7.7	8.1	100.0	
TOTAL N	65	276	330	624	578	173	121	282	429	749	743	398	422		5190

(* < 0.05%)

STATION: 46045

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	1.1	0.2	0.1	0.1	0.1	0.1	0.2	0.1	0.2	0.2	0.2	0.1	0.1	2.7	157
1 - 3		1.4	1.5	2.8	2.8	1.6	1.2	1.6	2.2	2.2	2.3	1.9	1.7	23.2	1365
4 - 6		1.6	2.2	7.0	5.6	1.1	0.5	2.0	2.7	3.5	3.1	2.8	2.0	34.1	2007
7 - 10		1.3	1.9	5.9	4.8	0.7	0.7	1.7	1.3	1.9	3.1	2.0	2.3	27.5	1619
11 - 15		1.2	0.4	0.8	0.6	0.2	0.3	0.1	0.2	0.4	1.6	0.6	1.3	7.8	456
16 - 20		0.7	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.9	0.4	0.7	3.6	209
21 - 24		0.1	*	-	*	*	-	-	-	-	0.4	*	0.3	0.8	48
25 - 33		*	-	-	-	-	-	-	-	-	-	-	0.3	0.3	17
34 - 47		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	1.1	6.5	6.2	16.7	14.1	3.9	3.0	5.5	6.6	8.2	11.7	7.7	8.7	100.0	
TOTAL N	66	380	366	982	829	229	179	326	387	482	686	455	511		5878

(* < 0.05%)

STATION: 46045

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	0.9	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.1	0.1	0.1	2.2	1208
1 - 3		1.1	1.2	1.8	1.9	1.3	1.3	2.1	3.3	3.9	3.3	2.5	1.7	25.3	13600
4 - 6		1.0	1.0	3.1	3.0	1.0	0.8	2.5	4.6	7.2	5.0	2.7	2.0	33.8	18193
7 - 10		1.0	0.8	2.1	2.1	0.6	0.4	1.7	3.2	7.8	5.5	2.0	2.0	29.2	15719
11 - 15		0.5	0.2	0.2	0.3	0.2	0.2	0.4	0.3	0.9	2.1	0.6	0.7	6.6	3542
16 - 20		0.2	*	*	0.1	0.1	0.1	0.1	0.1	0.1	0.9	0.3	0.3	2.2	1181
21 - 24		*	*	*	*	*	*	*	*	*	0.2	*	0.1	0.5	264
25 - 33		*	-	-	*	-	*	*	-	-	*	*	*	0.1	56
34 - 47		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.9	3.9	3.5	7.4	7.4	3.1	2.8	7.0	11.6	20.0	17.1	8.2	6.9	100.0	
TOTAL N	492	2107	1856	3965	4002	1693	1517	3782	6245	10779	9213	4408	3704		53763

(* < 0.05%)

STATION: 46045

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	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.1	0.1	0.1	2.2	334
1 - 3		1.3	1.5	2.7	3.0	1.7	1.4	1.8	2.6	2.7	2.4	2.1	1.5	24.8	3718
4 - 6		1.2	1.9	6.1	5.3	1.0	0.6	1.9	3.2	4.0	3.5	2.4	1.8	32.8	4923
7 - 10		1.2	1.5	4.9	4.2	0.7	0.5	1.6	1.7	2.7	3.6	1.8	1.8	26.2	3932
11 - 15		0.8	0.4	0.7	0.9	0.3	0.4	0.6	0.3	0.6	2.1	0.6	1.0	8.9	1330
16 - 20		0.5	0.1	0.2	0.2	0.1	0.2	0.2	0.2	0.2	1.2	0.5	0.6	4.1	610
21 - 24		*	*	*	*	0.1	*	*	*	*	0.3	0.1	0.2	0.8	115
25 - 33		*	-	-	*	-	*	*	-	-	0.1	*	0.1	0.2	32
34 - 47		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.9	5.1	5.5	14.7	13.8	4.0	3.3	6.3	8.2	10.4	13.3	7.6	7.0	100.0	
TOTAL N	134	758	829	2201	2069	593	499	951	1226	1555	1994	1137	1048		14994

(* < 0.05%)

STATION: 46045

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	0.7	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	1.8	200
1 - 3		0.9	1.0	1.3	1.3	1.0	1.0	1.8	2.5	2.9	2.6	2.3	1.6	20.1	2249
4 - 6		0.9	0.6	2.1	2.0	0.9	0.9	2.4	4.6	6.6	4.8	3.3	2.1	31.1	3473
7 - 10		1.0	0.5	1.4	1.5	0.5	0.4	2.0	4.2	9.1	7.0	2.8	2.6	32.9	3672
11 - 15		0.4	0.2	0.1	0.2	0.3	0.3	0.6	0.4	1.7	4.0	1.0	0.9	10.0	1117
16 - 20		0.2	*	*	*	0.1	0.1	0.1	*	0.2	1.7	0.4	0.2	3.1	349
21 - 24		*	-	-	-	-	-	*	*	*	0.6	0.1	*	0.9	101

7 - 10	0.1	17.2	4.9	0.1	-	-	-	-	-	-	-	-	-	-	-	22.3	1034
11 - 15	0.2	4.6	2.9	0.4	-	-	-	-	-	-	-	-	-	-	-	8.1	375
16 - 20	*	1.1	2.5	0.1	-	-	-	-	-	-	-	-	-	-	-	3.7	173
21 - 24	-	0.1	0.3	*	-	-	-	-	-	-	-	-	-	-	-	0.5	21
25 - 33	-	*	*	-	-	-	-	-	-	-	-	-	-	-	-	0.1	3
34 - 47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48	-	14.9	2.1	0.5	-	-	-	-	-	-	-	-	-	-	-	17.4	808
TOTAL %	0.8	77.4	20.7	1.1	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	36	3595	961	53	0	0	0	0	0	0	0	0	0	0	0		4645

(* < 0.05%)

STATION: 46045

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

Month: MAR

		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	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	-	0.7	34
1 - 3	*	12.2	1.3	0.1	-	-	-	-	-	-	-	-	-	-	-	-	13.6	622
4 - 6	0.1	19.0	2.5	0.1	-	-	-	-	-	-	-	-	-	-	-	-	21.7	993
7 - 10	-	16.8	3.0	0.2	-	-	-	-	-	-	-	-	-	-	-	-	19.9	910
11 - 15	-	3.5	3.5	0.3	*	-	-	-	-	-	-	-	-	-	-	-	7.3	334
16 - 20	-	0.8	1.6	0.5	*	-	-	-	-	-	-	-	-	-	-	-	3.0	135
21 - 24	-	-	0.4	0.7	0.1	-	-	-	-	-	-	-	-	-	-	-	1.2	56
25 - 33	-	-	*	0.1	*	*	-	-	-	-	-	-	-	-	-	-	0.2	8
34 - 47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48	1.7	25.9	4.7	0.1	-	-	-	-	-	-	-	-	-	-	-	-	32.4	1483
TOTAL %	1.8	78.9	17.1	2.0	0.2	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	82	3611	781	92	8	1	0	0	0	0	0	0	0	0	0	0		4575

(* < 0.05%)

STATION: 46045

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

Month: APR

		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	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	-	1.4	66
1 - 3	-	13.1	0.9	-	-	-	-	-	-	-	-	-	-	-	-	-	14.0	657
4 - 6	-	20.2	1.9	-	-	-	-	-	-	-	-	-	-	-	-	-	22.1	1034
7 - 10	-	19.4	2.7	*	-	-	-	-	-	-	-	-	-	-	-	-	22.2	1041
11 - 15	-	5.4	1.5	0.1	-	-	-	-	-	-	-	-	-	-	-	-	7.0	326
16 - 20	-	0.6	1.6	0.2	-	-	-	-	-	-	-	-	-	-	-	-	2.4	111
21 - 24	-	-	0.3	0.1	-	-	-	-	-	-	-	-	-	-	-	-	0.4	19
25 - 33	-	-	*	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	1
34 - 47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48	0.4	24.8	4.9	0.4	-	-	-	-	-	-	-	-	-	-	-	-	30.5	1431
TOTAL %	0.4	84.9	13.9	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	21	3977	651	37	0	0	0	0	0	0	0	0	0	0	0	0		4686

(* < 0.05%)

STATION: 46045

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

Month: MAY

		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	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	-	1.6	78
1 - 3	0.3	15.0	1.1	*	-	-	-	-	-	-	-	-	-	-	-	-	16.4	795
4 - 6	0.1	22.9	1.4	*	-	-	-	-	-	-	-	-	-	-	-	-	24.5	1186
7 - 10	0.2	27.8	2.6	*	-	-	-	-	-	-	-	-	-	-	-	-	30.7	1486
11 - 15	-	5.9	2.0	0.1	-	-	-	-	-	-	-	-	-	-	-	-	8.0	390
16 - 20	-	0.3	1.1	0.1	-	-	-	-	-	-	-	-	-	-	-	-	1.5	72
21 - 24	-	-	0.1	0.1	-	-	-	-	-	-	-	-	-	-	-	-	0.3	14
25 - 33	-	-	*	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	1
34 - 47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48	-	16.5	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	17.0	825
TOTAL %	0.6	89.8	9.1	0.5	0.0	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	30	4355	440	22	0	0	0	0	0	0	0	0	0	0	0	0		4847

(* < 0.05%)

STATION: 46045

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	-	2.0	101
1 - 3	0.7	19.6	0.2	-	-	-	-	-	-	-	-	-	-	-	-	20.6	1016
4 - 6	0.6	27.1	0.3	-	-	-	-	-	-	-	-	-	-	-	-	27.9	1380
7 - 10	0.4	29.6	0.5	-	-	-	-	-	-	-	-	-	-	-	-	30.5	1508
11 - 15	-	3.7	0.4	-	-	-	-	-	-	-	-	-	-	-	-	4.1	201
16 - 20	-	0.2	0.2	-	-	-	-	-	-	-	-	-	-	-	-	0.4	20
21 - 24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
25 - 33	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
34 - 47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48	-	13.5	1.0	-	-	-	-	-	-	-	-	-	-	-	-	14.5	715
TOTAL %	1.8	95.7	2.5	0.0	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	88	4728	125	0	0	0	0	0	0	0	0	0	0	0	0		4941

(* < 0.05%)

STATION: 46045

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	-	1.2	64
1 - 3	1.0	17.7	0.1	-	-	-	-	-	-	-	-	-	-	-	-	18.7	969
4 - 6	1.4	30.8	0.1	-	-	-	-	-	-	-	-	-	-	-	-	32.3	1669
7 - 10	0.9	29.9	0.1	-	-	-	-	-	-	-	-	-	-	-	-	30.9	1598
11 - 15	*	2.5	-	-	-	-	-	-	-	-	-	-	-	-	-	2.6	133
16 - 20	-	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	0.1	5
21 - 24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
25 - 33	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
34 - 47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48	0.5	13.6	0.1	-	-	-	-	-	-	-	-	-	-	-	-	14.2	733
TOTAL %	3.9	95.7	0.4	0.0	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	202	4948	21	0	0	0	0	0	0	0	0	0	0	0	0		5171

(* < 0.05%)

STATION: 46045

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

Month: AUG

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	-	2.0	105
1 - 3	1.3	20.6	-	-	-	-	-	-	-	-	-	-	-	-	-	21.9	1149
4 - 6	1.2	30.9	*	-	-	-	-	-	-	-	-	-	-	-	-	32.1	1685
7 - 10	1.2	26.1	0.1	-	-	-	-	-	-	-	-	-	-	-	-	27.4	1439
11 - 15	0.1	2.2	0.1	-	-	-	-	-	-	-	-	-	-	-	-	2.3	123
16 - 20	-	*	*	-	-	-	-	-	-	-	-	-	-	-	-	0.0	2
21 - 24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
25 - 33	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
34 - 47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48	*	14.1	*	-	-	-	-	-	-	-	-	-	-	-	-	14.1	740
TOTAL %	3.9	95.8	0.3	0.0	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	205	5024	14	0	0	0	0	0	0	0	0	0	0	0	0		5243

(* < 0.05%)

STATION: 46045

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

Month: SEP

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	-	2.3	114
1 - 3	0.8	25.0	-	-	-	-	-	-	-	-	-	-	-	-	-	25.8	1285
4 - 6	0.8	29.1	-	-	-	-	-	-	-	-	-	-	-	-	-	29.9	1490
7 - 10	0.4	24.8	*	-	-	-	-	-	-	-	-	-	-	-	-	25.2	1254
11 - 15	-	2.2	0.1	-	-	-	-	-	-	-	-	-	-	-	-	2.3	116
16 - 20	-	0.1	*	-	-	-	-	-	-	-	-	-	-	-	-	0.1	4
21 - 24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
25 - 33	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
34 - 47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48	-	13.7	0.7	-	-	-	-	-	-	-	-	-	-	-	-	14.4	716

TOTAL %	2.1	97.1	0.9	0.0	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	103	4833	43	0	0	0	0	0	0	0	0	0	0	0	0		4979

(* < 0.05%)

STATION: 46045

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

Month: OCT

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	-	2.8	144
1 - 3	0.2	2.6	*	-	-	-	-	-	-	-	-	-	-	-	-	28.8	1478
4 - 6	2.1	26.6	0.1	-	-	-	-	-	-	-	-	-	-	-	-	29.9	1535
7 - 10	2.2	27.2	0.5	-	-	-	-	-	-	-	-	-	-	-	-	18.5	948
11 - 15	1.0	16.6	0.9	*	-	-	-	-	-	-	-	-	-	-	-	4.4	224
16 - 20	0.1	3.5	0.7	*	-	-	-	-	-	-	-	-	-	-	-	1.0	53
21 - 24	-	0.5	0.5	*	-	-	-	-	-	-	-	-	-	-	-	0.1	7
25 - 33	-	-	0.1	*	-	-	-	-	-	-	-	-	-	-	-	0.2	8
34 - 47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48	0.9	11.7	1.4	0.3	-	-	-	-	-	-	-	-	-	-	-	14.4	737
TOTAL %	6.4	88.8	4.3	0.5	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	328	4559	220	25	2	0	0	0	0	0	0	0	0	0	0		5134

(* < 0.05%)

STATION: 46045

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	-	2.4	133
1 - 3	0.2	2.1	0.1	*	-	-	-	-	-	-	-	-	-	-	-	28.1	1570
4 - 6	3.3	23.3	1.5	-	-	-	-	-	-	-	-	-	-	-	-	32.4	1810
7 - 10	5.6	25.0	1.8	0.1	-	-	-	-	-	-	-	-	-	-	-	20.8	1163
11 - 15	3.7	15.3	1.7	0.1	-	-	-	-	-	-	-	-	-	-	-	4.7	263
16 - 20	0.1	2.9	1.6	0.1	-	-	-	-	-	-	-	-	-	-	-	2.3	129
21 - 24	-	0.8	1.2	0.3	-	-	-	-	-	-	-	-	-	-	-	0.7	41
25 - 33	-	0.2	0.4	0.2	-	-	-	-	-	-	-	-	-	-	-	0.1	4
34 - 47	-	*	0.1	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8.3	465
TOTAL %	13.2	76.0	10.0	0.8	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	738	4241	556	43	0	0	0	0	0	0	0	0	0	0	0		5578

(* < 0.05%)

STATION: 46045

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	-	2.7	157
1 - 3	0.1	2.5	0.1	-	-	-	-	-	-	-	-	-	-	-	-	23.2	1356
4 - 6	0.3	21.1	1.8	*	-	-	-	-	-	-	-	-	-	-	-	34.0	1987
7 - 10	0.5	30.2	3.1	0.1	-	-	-	-	-	-	-	-	-	-	-	27.4	1604
11 - 15	0.5	22.2	4.5	0.2	-	-	-	-	-	-	-	-	-	-	-	7.7	448
16 - 20	0.1	4.6	2.8	0.3	-	-	-	-	-	-	-	-	-	-	-	3.5	206
21 - 24	-	1.2	2.0	0.3	-	-	-	-	-	-	-	-	-	-	-	0.8	48
25 - 33	-	0.1	0.6	0.2	-	-	-	-	-	-	-	-	-	-	-	0.3	16
34 - 47	-	*	0.2	*	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.4	26
TOTAL %	1.4	82.1	15.4	1.1	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	81	4802	899	66	0	0	0	0	0	0	0	0	0	0	0		5848

(* < 0.05%)

STATION: 46045

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	-	1.9	1164
1 - 3	0.1	1.7	0.1	*	-	-	-	-	-	-	-	-	-	-	-	21.3	13068

4 - 6	1.2	25.5	1.7	*	-	-	-	-	-	-	-	-	-	-	-	28.4	17368
7 - 10	0.8	21.5	2.1	0.1	-	-	-	-	-	-	-	-	-	-	-	24.4	14934
11 - 15	0.1	3.7	1.5	0.1	*	-	-	-	-	-	-	-	-	-	-	5.3	3249
16 - 20	*	0.6	1.0	0.1	*	-	-	-	-	-	-	-	-	-	-	1.7	1037
21 - 24	-	*	0.2	0.1	*	-	-	-	-	-	-	-	-	-	-	0.4	222
25 - 33	-	*	*	*	*	*	-	-	-	-	-	-	-	-	-	0.1	44
34 - 47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48	0.3	13.9	2.2	0.2	*	-	-	-	-	-	-	-	-	-	-	16.6	10154
TOTAL %	3.3	86.2	9.8	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	2012	52790	5982	439	16	1	0	0	0	0	0	0	0	0	0		61240

(* < 0.05%)

STATION: 46045

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

Months: DEC, JAN, FEB (Winter)

		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	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	-	2.0	325
	1 - 3	0.2	19.1	2.6	*	-	-	-	-	-	-	-	-	-	-	-	21.9	3527
	4 - 6	0.4	24.1	3.8	0.1	-	-	-	-	-	-	-	-	-	-	-	28.5	4586
	7 - 10	0.4	17.4	4.3	0.1	-	-	-	-	-	-	-	-	-	-	-	22.3	3587
	11 - 15	0.2	4.2	2.5	0.2	-	-	-	-	-	-	-	-	-	-	-	7.1	1139
	16 - 20	*	1.1	1.9	0.2	-	-	-	-	-	-	-	-	-	-	-	3.1	506
	21 - 24	-	0.1	0.4	0.1	-	-	-	-	-	-	-	-	-	-	-	0.5	85
	25 - 33	-	*	0.1	*	-	-	-	-	-	-	-	-	-	-	-	0.1	22
	34 - 47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
	> 48	*	10.0	3.8	0.6	*	-	-	-	-	-	-	-	-	-	-	14.4	2309
TOTAL %		1.3	77.8	19.5	1.4	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		215	12514	3131	220	6	0	0	0	0	0	0	0	0	0	0		16086

(* < 0.05%)

STATION: 46045

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

Months: MAR, APR, MAY (Spring)

		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	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	-	1.3	178
	1 - 3	0.1	13.5	1.1	*	-	-	-	-	-	-	-	-	-	-	-	14.7	2074
	4 - 6	0.1	20.8	1.9	*	-	-	-	-	-	-	-	-	-	-	-	22.8	3213
	7 - 10	0.1	21.4	2.8	0.1	-	-	-	-	-	-	-	-	-	-	-	24.4	3437
	11 - 15	-	4.9	2.4	0.1	*	-	-	-	-	-	-	-	-	-	-	7.4	1050
	16 - 20	-	0.6	1.4	0.3	*	-	-	-	-	-	-	-	-	-	-	2.3	318
	21 - 24	-	-	0.3	0.3	*	-	-	-	-	-	-	-	-	-	-	0.6	89
	25 - 33	-	-	*	*	*	*	-	-	-	-	-	-	-	-	-	0.1	10
	34 - 47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
	> 48	0.7	22.3	3.3	0.2	-	-	-	-	-	-	-	-	-	-	-	26.5	3739
TOTAL %		0.9	84.7	13.3	1.1	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		133	11943	1872	151	8	1	0	0	0	0	0	0	0	0	0		14108

(* < 0.05%)

STATION: 46045

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

Months: JUN, JUL, AUG (Summer)

		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	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	-	1.8	270
	1 - 3	1.0	19.3	0.1	-	-	-	-	-	-	-	-	-	-	-	-	20.4	3134
	4 - 6	1.0	29.7	0.1	-	-	-	-	-	-	-	-	-	-	-	-	30.8	4734
	7 - 10	0.8	28.5	0.3	-	-	-	-	-	-	-	-	-	-	-	-	29.6	4545
	11 - 15	*	2.8	0.1	-	-	-	-	-	-	-	-	-	-	-	-	3.0	457
	16 - 20	-	0.1	0.1	-	-	-	-	-	-	-	-	-	-	-	-	0.2	27
	21 - 24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
	25 - 33	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
	34 - 47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
	> 48	0.2	13.7	0.4	-	-	-	-	-	-	-	-	-	-	-	-	14.2	2188
TOTAL %		3.2	95.7	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N		495	14700	160	0	0	0	0	0	0	0	0	0	0	0	0		15355

(* < 0.05%)

STATION: 46045

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

Months: SEP, OCT, NOV (Autumn)

24.5 - 25.4	-	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	1
TOTAL %	0.4	84.9	13.9	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	21	3977	651	37	0	0	0	0	0	0	0	0	0	0	0	0		4686

(* < 0.05%)

STATION: 46045

5 - PERCENT FREQUENCY OF SIGNIFICANT WAVE HEIGHT(METERS) VS DOMINANT 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	-	0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	0.2	9
3.5 - 4.4	*	0.8	-	-	-	-	-	-	-	-	-	-	-	-	-	0.8	40
4.5 - 5.4	-	2.8	0.1	-	-	-	-	-	-	-	-	-	-	-	-	2.9	141
5.5 - 6.4	-	14.2	1.2	-	-	-	-	-	-	-	-	-	-	-	-	15.4	746
6.5 - 7.4	-	16.2	4.2	0.1	-	-	-	-	-	-	-	-	-	-	-	20.4	989
7.5 - 8.4	-	8.3	1.6	0.4	-	-	-	-	-	-	-	-	-	-	-	10.3	499
8.5 - 9.4	0.1	3.4	0.3	-	-	-	-	-	-	-	-	-	-	-	-	3.8	182
9.5 - 10.4	0.1	4.1	0.3	-	-	-	-	-	-	-	-	-	-	-	-	4.5	219
10.5 - 11.4	0.1	3.6	0.2	-	-	-	-	-	-	-	-	-	-	-	-	3.9	190
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	0.2	4.6	0.5	-	-	-	-	-	-	-	-	-	-	-	-	5.3	258
13.5 - 14.4	0.1	18.1	0.3	-	-	-	-	-	-	-	-	-	-	-	-	18.5	896
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	12.3	0.2	-	-	-	-	-	-	-	-	-	-	-	-	12.6	609
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	1.3	0.1	-	-	-	-	-	-	-	-	-	-	-	-	1.4	68
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 %	0.6	89.8	9.1	0.5	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	30	4355	440	22	0	0	0	0	0	0	0	0	0	0	0		4847

(* < 0.05%)

STATION: 46045

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

Month: JUN

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	5
3.5 - 4.4	-	1.5	-	-	-	-	-	-	-	-	-	-	-	-	-	1.5	75
4.5 - 5.4	*	4.7	*	-	-	-	-	-	-	-	-	-	-	-	-	4.8	235
5.5 - 6.4	0.1	15.1	0.6	-	-	-	-	-	-	-	-	-	-	-	-	15.7	777
6.5 - 7.4	*	13.4	1.1	-	-	-	-	-	-	-	-	-	-	-	-	14.5	716
7.5 - 8.4	0.1	12.4	0.5	-	-	-	-	-	-	-	-	-	-	-	-	13.0	641
8.5 - 9.4	*	4.7	*	-	-	-	-	-	-	-	-	-	-	-	-	4.7	233
9.5 - 10.4	*	2.6	*	-	-	-	-	-	-	-	-	-	-	-	-	2.6	130
10.5 - 11.4	*	1.2	-	-	-	-	-	-	-	-	-	-	-	-	-	1.3	62
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	0.2	4.0	-	-	-	-	-	-	-	-	-	-	-	-	-	4.2	208
13.5 - 14.4	0.5	18.3	-	-	-	-	-	-	-	-	-	-	-	-	-	18.8	931
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	0.8	16.4	0.3	-	-	-	-	-	-	-	-	-	-	-	-	17.4	859
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	1.4	69
TOTAL %	1.8	95.7	2.5	0.0	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	88	4728	125	0	0	0	0	0	0	0	0	0	0	0	0		4941

(* < 0.05%)

STATION: 46045

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

Month: JUL

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	-	1.2	-	-	-	-	-	-	-	-	-	-	-	-	-	1.2	60
3.5 - 4.4	*	3.0	-	-	-	-	-	-	-	-	-	-	-	-	-	3.0	157
4.5 - 5.4	*	6.3	*	-	-	-	-	-	-	-	-	-	-	-	-	6.3	327
5.5 - 6.4	0.1	15.4	*	-	-	-	-	-	-	-	-	-	-	-	-	15.5	801
6.5 - 7.4	0.1	10.6	0.3	-	-	-	-	-	-	-	-	-	-	-	-	10.9	564
7.5 - 8.4	0.3	7.5	0.1	-	-	-	-	-	-	-	-	-	-	-	-	7.9	408
8.5 - 9.4	0.1	2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	2.4	126
9.5 - 10.4	0.2	1.6	-	-	-	-	-	-	-	-	-	-	-	-	-	1.8	91
10.5 - 11.4	0.3	1.5	-	-	-	-	-	-	-	-	-	-	-	-	-	1.8	94
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	1.2	6.4	-	-	-	-	-	-	-	-	-	-	-	-	-	7.6	392
13.5 - 14.4	0.9	23.2	-	-	-	-	-	-	-	-	-	-	-	-	-	24.2	1249
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	0.7	14.8	-	-	-	-	-	-	-	-	-	-	-	-	-	15.5	799
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	0.1	1.9	-	-	-	-	-	-	-	-	-	-	-	-	-	2.0	103
TOTAL %	3.9	95.7	0.4	0.0	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	202	4948	21	0	0	0	0	0	0	0	0	0	0	0	0		5171

(* < 0.05%)

STATION: 46045

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

Month: AUG

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	0.8	-	-	-	-	-	-	-	-	-	-	-	-	-	0.8	44
3.5 - 4.4	0.1	2.8	-	-	-	-	-	-	-	-	-	-	-	-	-	2.9	152
4.5 - 5.4	0.3	7.5	-	-	-	-	-	-	-	-	-	-	-	-	-	7.8	408
5.5 - 6.4	0.1	18.5	0.1	-	-	-	-	-	-	-	-	-	-	-	-	18.7	979
6.5 - 7.4	0.1	11.6	0.1	-	-	-	-	-	-	-	-	-	-	-	-	11.9	622
7.5 - 8.4	0.4	5.9	-	-	-	-	-	-	-	-	-	-	-	-	-	6.3	328
8.5 - 9.4	0.2	3.3	-	-	-	-	-	-	-	-	-	-	-	-	-	3.5	185
9.5 - 10.4	0.3	3.6	-	-	-	-	-	-	-	-	-	-	-	-	-	3.9	207
10.5 - 11.4	0.3	3.2	*	-	-	-	-	-	-	-	-	-	-	-	-	3.6	188
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	0.6	7.3	-	-	-	-	-	-	-	-	-	-	-	-	-	7.9	414
13.5 - 14.4	1.2	16.1	-	-	-	-	-	-	-	-	-	-	-	-	-	17.3	906
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	0.2	13.7	-	-	-	-	-	-	-	-	-	-	-	-	-	14.0	733
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	1.5	-	-	-	-	-	-	-	-	-	-	-	-	-	1.5	77
TOTAL %	3.9	95.8	0.3	0.0	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	205	5024	14	0	0	0	0	0	0	0	0	0	0	0	0		5243

(* < 0.05%)

STATION: 46045

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

Month: SEP

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0-0.4	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	-	1.2	-	-	-	-	-	-	-	-	-	-	-	-	-	1.2	58
3.5 - 4.4	*	4.3	-	-	-	-	-	-	-	-	-	-	-	-	-	4.3	213
4.5 - 5.4	0.1	7.2	0.1	-	-	-	-	-	-	-	-	-	-	-	-	7.4	366
5.5 - 6.4	0.2	12.0	0.1	-	-	-	-	-	-	-	-	-	-	-	-	12.2	609
6.5 - 7.4	0.1	8.6	0.3	-	-	-	-	-	-	-	-	-	-	-	-	8.9	445
7.5 - 8.4	0.1	6.2	*	-	-	-	-	-	-	-	-	-	-	-	-	6.3	314
8.5 - 9.4	*	3.0	*	-	-	-	-	-	-	-	-	-	-	-	-	3.1	153
9.5 - 10.4	0.1	3.1	0.1	-	-	-	-	-	-	-	-	-	-	-	-	3.3	164
10.5 - 11.4	0.1	5.4	0.1	-	-	-	-	-	-	-	-	-	-	-	-	5.7	282
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0

18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	0.1	0.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.8	46
TOTAL %	13.2	76.0	10.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	738	4241	556	43	0	0	0	0	0	0	0	0	0	0	0	0		5578

(* < 0.05%)

STATION: 46045

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

Month: DEC

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	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	1
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	-	0.4	0.1	-	-	-	-	-	-	-	-	-	-	-	-	0.4	25
4.5 - 5.4	-	0.8	0.1	-	-	-	-	-	-	-	-	-	-	-	-	0.9	55
5.5 - 6.4	-	3.0	0.8	0.1	-	-	-	-	-	-	-	-	-	-	-	3.9	227
6.5 - 7.4	0.1	4.3	2.4	0.2	-	-	-	-	-	-	-	-	-	-	-	7.0	410
7.5 - 8.4	-	4.6	2.1	0.1	-	-	-	-	-	-	-	-	-	-	-	6.8	398
8.5 - 9.4	*	3.5	1.3	0.1	-	-	-	-	-	-	-	-	-	-	-	4.9	289
9.5 - 10.4	*	6.1	1.6	0.1	-	-	-	-	-	-	-	-	-	-	-	7.7	452
10.5 - 11.4	0.1	8.8	2.4	0.1	-	-	-	-	-	-	-	-	-	-	-	11.4	664
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	0.2	15.6	2.4	*	-	-	-	-	-	-	-	-	-	-	-	18.3	1069
13.5 - 14.4	0.8	23.9	1.9	0.2	-	-	-	-	-	-	-	-	-	-	-	26.8	1568
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	0.1	7.5	0.1	0.3	-	-	-	-	-	-	-	-	-	-	-	8.0	468
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	*	3.1	0.3	-	-	-	-	-	-	-	-	-	-	-	-	3.4	197
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	-	0.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.4	22
TOTAL %	1.4	82.1	15.4	1.1	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	81	4801	899	66	0	0	0	0	0	0	0	0	0	0	0		5847

(* < 0.05%)

STATION: 46045

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		0.2	100
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	*	0.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.5	284
3.5 - 4.4	0.1	1.6	*	-	-	-	-	-	-	-	-	-	-	-	-	1.7	1026
4.5 - 5.4	0.1	3.3	0.1	-	-	-	-	-	-	-	-	-	-	-	-	3.5	2162
5.5 - 6.4	0.1	9.0	0.8	*	-	-	-	-	-	-	-	-	-	-	-	9.9	6069
6.5 - 7.4	0.1	7.7	2.1	0.1	-	-	-	-	-	-	-	-	-	-	-	10.0	6102
7.5 - 8.4	0.2	6.0	1.3	0.3	*	-	-	-	-	-	-	-	-	-	-	7.8	4752
8.5 - 9.4	0.1	3.5	0.5	*	*	*	-	-	-	-	-	-	-	-	-	4.1	2528
9.5 - 10.4	0.2	4.2	0.6	*	-	-	-	-	-	-	-	-	-	-	-	5.0	3072
10.5 - 11.4	0.3	6.3	0.9	0.1	*	-	-	-	-	-	-	-	-	-	-	7.5	4595
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	0.7	11.1	1.4	0.1	*	-	-	-	-	-	-	-	-	-	-	13.3	8121
13.5 - 14.4	1.0	20.2	1.7	0.1	*	-	-	-	-	-	-	-	-	-	-	23.0	14064
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	0.3	11.1	0.3	*	-	-	-	-	-	-	-	-	-	-	-	11.8	7211
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	*	1.7	0.1	-	-	-	-	-	-	-	-	-	-	-	-	1.8	1103
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	49
TOTAL %	3.3	86.2	9.8	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	2012	52788	5982	439	16	1	0	0	0	0	0	0	0	0	0		61238

(* < 0.05%)

STATION: 46045

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
	0.0-0.4	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	4
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	0.1	9
3.5 - 4.4	-	0.4	*	-	-	-	-	-	-	-	-	-	-	-	-	0.5	74
4.5 - 5.4	-	0.8	0.2	-	-	-	-	-	-	-	-	-	-	-	-	1.0	159
5.5 - 6.4	-	2.3	0.9	*	-	-	-	-	-	-	-	-	-	-	-	3.2	522
6.5 - 7.4	*	2.8	2.2	0.2	-	-	-	-	-	-	-	-	-	-	-	5.2	837
7.5 - 8.4	-	3.9	1.7	0.3	-	-	-	-	-	-	-	-	-	-	-	5.8	935
8.5 - 9.4	0.1	3.2	1.1	0.1	*	-	-	-	-	-	-	-	-	-	-	4.5	716
9.5 - 10.4	0.1	4.9	1.3	0.1	-	-	-	-	-	-	-	-	-	-	-	6.4	1031
10.5 - 11.4	0.1	9.1	2.1	0.1	*	-	-	-	-	-	-	-	-	-	-	11.5	1845
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	0.3	17.4	3.6	0.2	-	-	-	-	-	-	-	-	-	-	-	21.5	3461
13.5 - 14.4	0.6	23.1	5.5	0.2	-	-	-	-	-	-	-	-	-	-	-	29.4	4725
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	0.2	7.4	0.6	0.2	-	-	-	-	-	-	-	-	-	-	-	8.3	1336
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	*	2.2	0.2	-	-	-	-	-	-	-	-	-	-	-	-	2.5	402
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	-	0.2	*	-	-	-	-	-	-	-	-	-	-	-	-	0.2	29
TOTAL %	1.3	77.8	19.5	1.4	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	215	12513	3131	220	6	0	0	0	0	0	0	0	0	0	0		16085

(* < 0.05%)

STATION: 46045

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	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	0.2	28
3.5 - 4.4	*	1.1	*	-	-	-	-	-	-	-	-	-	-	-	-	1.1	153
4.5 - 5.4	-	2.2	0.2	-	-	-	-	-	-	-	-	-	-	-	-	2.4	344
5.5 - 6.4	-	9.8	1.7	*	-	-	-	-	-	-	-	-	-	-	-	11.6	1630
6.5 - 7.4	-	9.6	4.3	0.2	-	-	-	-	-	-	-	-	-	-	-	14.1	1994
7.5 - 8.4	-	6.4	2.5	0.5	*	-	-	-	-	-	-	-	-	-	-	9.5	1337
8.5 - 9.4	*	3.5	0.7	0.1	-	*	-	-	-	-	-	-	-	-	-	4.2	599
9.5 - 10.4	0.1	4.5	0.6	*	-	-	-	-	-	-	-	-	-	-	-	5.2	739
10.5 - 11.4	0.1	6.6	0.8	0.1	-	-	-	-	-	-	-	-	-	-	-	7.6	1072
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	0.3	10.4	1.4	*	*	-	-	-	-	-	-	-	-	-	-	12.1	1712
13.5 - 14.4	0.3	19.0	0.8	0.1	*	-	-	-	-	-	-	-	-	-	-	20.2	2845
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	0.1	9.8	0.2	*	-	-	-	-	-	-	-	-	-	-	-	10.0	1416
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	1.6	*	-	-	-	-	-	-	-	-	-	-	-	-	1.6	225
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	14
TOTAL %	0.9	84.7	13.3	1.1	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	133	11943	1872	151	8	1	0	0	0	0	0	0	0	0	0		14108

(* < 0.05%)

STATION: 46045

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		

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	>13.4	TOT %	TOT N
< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	*	0.7	-	-	-	-	-	-	-	-	-	-	-	-	-	0.7	109
3.5 - 4.4	*	2.5	-	-	-	-	-	-	-	-	-	-	-	-	-	2.5	384
4.5 - 5.4	0.1	6.2	*	-	-	-	-	-	-	-	-	-	-	-	-	6.3	970
5.5 - 6.4	0.1	16.3	0.2	-	-	-	-	-	-	-	-	-	-	-	-	16.7	2557
6.5 - 7.4	0.1	11.8	0.5	-	-	-	-	-	-	-	-	-	-	-	-	12.4	1902
7.5 - 8.4	0.2	8.5	0.2	-	-	-	-	-	-	-	-	-	-	-	-	9.0	1377
8.5 - 9.4	0.1	3.4	*	-	-	-	-	-	-	-	-	-	-	-	-	3.5	544
9.5 - 10.4	0.2	2.6	*	-	-	-	-	-	-	-	-	-	-	-	-	2.8	428
10.5 - 11.4	0.2	2.0	*	-	-	-	-	-	-	-	-	-	-	-	-	2.2	344
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	0.7	5.9	-	-	-	-	-	-	-	-	-	-	-	-	-	6.6	1014
13.5 - 14.4	0.9	19.2	-	-	-	-	-	-	-	-	-	-	-	-	-	20.1	3086
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	0.6	14.9	0.1	-	-	-	-	-	-	-	-	-	-	-	-	15.6	2391
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	*	1.6	-	-	-	-	-	-	-	-	-	-	-	-	-	1.6	249
TOTAL %	3.2	95.7	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	495	14700	160	0	0	0	0	0	0	0	0	0	0	0	0		15355

(* < 0.05%)

STATION: 46045

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-	0.5-	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	0.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.6	96
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	0.1	0.7	-	-	-	-	-	-	-	-	-	-	-	-	-	0.9	138
3.5 - 4.4	0.3	2.4	*	-	-	-	-	-	-	-	-	-	-	-	-	2.6	415
4.5 - 5.4	0.2	4.1	0.1	-	-	-	-	-	-	-	-	-	-	-	-	4.4	689
5.5 - 6.4	0.2	7.9	0.6	-	-	-	-	-	-	-	-	-	-	-	-	8.7	1360
6.5 - 7.4	0.3	6.8	1.5	0.1	-	-	-	-	-	-	-	-	-	-	-	8.7	1369
7.5 - 8.4	0.4	5.5	0.9	0.2	*	-	-	-	-	-	-	-	-	-	-	7.0	1103
8.5 - 9.4	0.2	3.8	0.2	*	*	-	-	-	-	-	-	-	-	-	-	4.3	669
9.5 - 10.4	0.4	4.8	0.4	*	-	-	-	-	-	-	-	-	-	-	-	5.6	874
10.5 - 11.4	0.7	7.4	0.4	*	-	-	-	-	-	-	-	-	-	-	-	8.5	1334
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	1.6	10.3	0.4	-	-	-	-	-	-	-	-	-	-	-	-	12.3	1934
13.5 - 14.4	2.0	19.2	0.5	-	-	-	-	-	-	-	-	-	-	-	-	21.7	3408
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	0.5	12.5	0.2	-	-	-	-	-	-	-	-	-	-	-	-	13.2	2068
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	*	1.4	*	-	-	-	-	-	-	-	-	-	-	-	-	1.4	227
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	6
TOTAL %	7.5	86.9	5.2	0.4	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	1169	13632	819	68	2	0	0	0	0	0	0	0	0	0	0		15690

(* < 0.05%)

STATION: 46045

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

Month: JAN

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	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	*	0.6	-	-	-	-	-	-	-	-	-	-	-	-	-	0.7	38
4.5 - 5.4	0.3	5.9	1.3	-	-	-	-	-	-	-	-	-	-	-	-	7.5	420
5.5 - 6.4	0.2	16.6	4.7	0.5	-	-	-	-	-	-	-	-	-	-	-	22.1	1234
6.5 - 7.4	0.7	18.1	7.8	0.6	0.1	-	-	-	-	-	-	-	-	-	-	27.3	1529
7.5 - 8.4	0.4	16.9	3.7	0.1	*	-	-	-	-	-	-	-	-	-	-	21.2	1184
8.5 - 9.4	0.1	9.5	3.1	0.2	-	-	-	-	-	-	-	-	-	-	-	12.9	719
9.5 - 10.4	-	4.4	1.7	0.3	-	-	-	-	-	-	-	-	-	-	-	6.4	357

STATION: 46045

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	0.2	3.3	-	-	-	-	-	-	-	-	-	-	-	-	-	3.5	169
4.5 - 5.4	0.3	30.8	2.5	-	-	-	-	-	-	-	-	-	-	-	-	33.5	1623
5.5 - 6.4	0.1	43.4	5.3	0.4	-	-	-	-	-	-	-	-	-	-	-	49.2	2386
6.5 - 7.4	*	9.0	0.5	0.1	-	-	-	-	-	-	-	-	-	-	-	9.5	462
7.5 - 8.4	-	2.4	0.1	-	-	-	-	-	-	-	-	-	-	-	-	2.5	119
8.5 - 9.4	-	0.5	0.4	-	-	-	-	-	-	-	-	-	-	-	-	0.9	45
9.5 - 10.4	-	0.2	0.3	-	-	-	-	-	-	-	-	-	-	-	-	0.5	23
10.5 - 11.4	-	0.1	0.1	-	-	-	-	-	-	-	-	-	-	-	-	0.2	10
11.5 - 12.4	-	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	0.1	7
12.5 - 13.4	-	*	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	2
13.5 - 14.4	-	*	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	1
TOTAL %	0.6	89.8	9.1	0.5	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	30	4355	440	22	0	0	0	0	0	0	0	0	0	0	0		4847

(* < 0.05%)

STATION: 46045

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

Month: JUN

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0-0.4	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	-	5.2	-	-	-	-	-	-	-	-	-	-	-	-	-	5.2	255
4.5 - 5.4	0.4	36.2	0.7	-	-	-	-	-	-	-	-	-	-	-	-	37.3	1845
5.5 - 6.4	0.8	44.3	1.6	-	-	-	-	-	-	-	-	-	-	-	-	46.7	2308
6.5 - 7.4	0.5	9.0	0.1	-	-	-	-	-	-	-	-	-	-	-	-	9.7	478
7.5 - 8.4	*	0.9	-	-	-	-	-	-	-	-	-	-	-	-	-	0.9	46
8.5 - 9.4	*	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	0.1	5
9.5 - 10.4	-	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	0.1	4
TOTAL %	1.8	95.7	2.5	0.0	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	88	4728	125	0	0	0	0	0	0	0	0	0	0	0	0		4941

(* < 0.05%)

STATION: 46045

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

Month: JUL

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0-0.4	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	0.5	11.3	-	-	-	-	-	-	-	-	-	-	-	-	-	11.8	611
4.5 - 5.4	0.9	44.8	0.1	-	-	-	-	-	-	-	-	-	-	-	-	45.8	2367
5.5 - 6.4	2.0	30.3	0.3	-	-	-	-	-	-	-	-	-	-	-	-	32.6	1684
6.5 - 7.4	0.4	7.3	*	-	-	-	-	-	-	-	-	-	-	-	-	7.7	399
7.5 - 8.4	*	1.5	-	-	-	-	-	-	-	-	-	-	-	-	-	1.5	80
8.5 - 9.4	-	0.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.4	19
9.5 - 10.4	-	0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	0.2	10
TOTAL %	3.9	95.7	0.4	0.0	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	202	4948	21	0	0	0	0	0	0	0	0	0	0	0	0		5171

(* < 0.05%)

STATION: 46045

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

Month: AUG

WAVE PERIOD	WAVE HEIGHT											
	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

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	>13.4	TOT %	TOT N
< 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	0.6	10.1	-	-	-	-	-	-	-	-	-	-	-	-	-	10.7	561
4.5 - 5.4	2.3	50.6	0.2	-	-	-	-	-	-	-	-	-	-	-	-	53.1	2786
5.5 - 6.4	0.6	28.5	0.1	-	-	-	-	-	-	-	-	-	-	-	-	29.2	1532
6.5 - 7.4	0.2	5.8	-	-	-	-	-	-	-	-	-	-	-	-	-	6.1	319
7.5 - 8.4	*	0.7	*	-	-	-	-	-	-	-	-	-	-	-	-	0.8	41
8.5 - 9.4	*	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	0.1	4
TOTAL %	3.9	95.8	0.3	0.0	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	205	5024	14	0	0	0	0	0	0	0	0	0	0	0	0		5243

(* < 0.05%)

STATION: 46045

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

Month: SEP

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	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	0.1	12.9	-	-	-	-	-	-	-	-	-	-	-	-	-	13.1	650
4.5 - 5.4	0.9	44.1	0.3	-	-	-	-	-	-	-	-	-	-	-	-	45.2	2251
5.5 - 6.4	0.8	27.5	0.2	-	-	-	-	-	-	-	-	-	-	-	-	28.5	1419
6.5 - 7.4	0.2	9.2	0.2	-	-	-	-	-	-	-	-	-	-	-	-	9.7	481
7.5 - 8.4	*	2.8	0.2	-	-	-	-	-	-	-	-	-	-	-	-	3.0	147
8.5 - 9.4	-	0.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.4	18
9.5 - 10.4	-	0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	0.2	11
10.5 - 11.4	-	*	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	2
TOTAL %	2.1	97.1	0.9	0.0	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	103	4833	43	0	0	0	0	0	0	0	0	0	0	0	0		4979

(* < 0.05%)

STATION: 46045

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

Month: OCT

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	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	0.2	7.0	*	-	-	-	-	-	-	-	-	-	-	-	-	7.2	370
4.5 - 5.4	1.6	27.2	1.3	-	-	-	-	-	-	-	-	-	-	-	-	30.1	1543
5.5 - 6.4	2.1	31.7	2.4	0.2	-	-	-	-	-	-	-	-	-	-	-	36.4	1867
6.5 - 7.4	1.7	16.5	0.3	0.3	*	-	-	-	-	-	-	-	-	-	-	18.8	966
7.5 - 8.4	0.7	5.3	0.1	-	-	-	-	-	-	-	-	-	-	-	-	6.0	310
8.5 - 9.4	0.1	1.1	0.1	-	-	-	-	-	-	-	-	-	-	-	-	1.2	64
9.5 - 10.4	-	0.1	0.1	-	-	-	-	-	-	-	-	-	-	-	-	0.2	11
10.5 - 11.4	-	-	*	-	-	-	-	-	-	-	-	-	-	-	-	0.0	2
TOTAL %	6.4	88.8	4.3	0.5	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	328	4559	220	25	2	0	0	0	0	0	0	0	0	0	0		5134

(* < 0.05%)

STATION: 46045

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

Month: NOV

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	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		1.7	96
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	0.4	*	-	-	-	-	-	-	-	-	-	-	-	-	-	0.5	26
3.5 - 4.4	1.7	2.5	-	-	-	-	-	-	-	-	-	-	-	-	-	4.2	235
4.5 - 5.4	3.2	14.0	1.6	*	-	-	-	-	-	-	-	-	-	-	-	18.9	1053
5.5 - 6.4	3.5	24.9	4.1	0.5	-	-	-	-	-	-	-	-	-	-	-	33.0	1838
6.5 - 7.4	2.0	20.3	2.3	0.2	-	-	-	-	-	-	-	-	-	-	-	24.8	1381
7.5 - 8.4	0.4	9.6	1.4	0.1	-	-	-	-	-	-	-	-	-	-	-	11.4	637
8.5 - 9.4	0.1	3.6	0.5	-	-	-	-	-	-	-	-	-	-	-	-	4.2	236

9.5 - 10.4	0.1	0.8	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	1.0	57
10.5 - 11.4	-	0.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.3	18
11.5 - 12.4	-	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	1
TOTAL %	13.2	76.0	10.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	738	4241	556	43	0	0	0	0	0	0	0	0	0	0	0	0		5578

(* < 0.05%)

STATION: 46045

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

Month: DEC

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	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	1
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	-	0.9	-	-	-	-	-	-	-	-	-	-	-	-	-	0.9	55
4.5 - 5.4	0.1	7.1	1.2	*	-	-	-	-	-	-	-	-	-	-	-	8.5	496
5.5 - 6.4	0.3	19.0	5.2	0.4	-	-	-	-	-	-	-	-	-	-	-	24.9	1455
6.5 - 7.4	0.4	21.7	3.5	0.1	-	-	-	-	-	-	-	-	-	-	-	25.8	1506
7.5 - 8.4	0.4	15.5	3.4	0.2	-	-	-	-	-	-	-	-	-	-	-	19.5	1141
8.5 - 9.4	0.2	10.2	1.7	0.1	-	-	-	-	-	-	-	-	-	-	-	12.1	709
9.5 - 10.4	0.1	5.1	0.3	0.2	-	-	-	-	-	-	-	-	-	-	-	5.7	335
10.5 - 11.4	-	2.1	*	*	-	-	-	-	-	-	-	-	-	-	-	2.1	122
11.5 - 12.4	-	0.1	*	-	-	-	-	-	-	-	-	-	-	-	-	0.2	10
12.5 - 13.4	-	*	*	-	-	-	-	-	-	-	-	-	-	-	-	0.0	2
13.5 - 14.4	-	0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	0.2	10
14.5 - 15.4	-	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	0.1	4
15.5 - 16.4	-	*	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	2
TOTAL %	1.4	82.1	15.4	1.1	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	81	4802	899	66	0	0	0	0	0	0	0	0	0	0	0		5848

(* < 0.05%)

STATION: 46045

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-	0.5-	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	-	0.2	100
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	*	*	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	28
3.5 - 4.4	0.3	5.1	*	-	-	-	-	-	-	-	-	-	-	-	-	5.4	3315
4.5 - 5.4	1.0	25.3	1.5	*	-	-	-	-	-	-	-	-	-	-	-	27.7	16975
5.5 - 6.4	1.0	28.6	3.6	0.3	*	-	-	-	-	-	-	-	-	-	-	33.5	20519
6.5 - 7.4	0.6	14.5	2.1	0.2	*	*	-	-	-	-	-	-	-	-	-	17.5	10723
7.5 - 8.4	0.2	7.2	1.3	0.1	*	-	-	-	-	-	-	-	-	-	-	8.8	5381
8.5 - 9.4	*	3.3	0.8	*	-	-	-	-	-	-	-	-	-	-	-	4.3	2616
9.5 - 10.4	*	1.4	0.3	*	-	-	-	-	-	-	-	-	-	-	-	1.8	1106
10.5 - 11.4	-	0.5	0.1	*	-	-	-	-	-	-	-	-	-	-	-	0.6	380
11.5 - 12.4	-	0.1	*	*	-	-	-	-	-	-	-	-	-	-	-	0.1	69
12.5 - 13.4	-	*	*	-	-	-	-	-	-	-	-	-	-	-	-	0.0	9
13.5 - 14.4	-	*	*	*	-	-	-	-	-	-	-	-	-	-	-	0.0	13
14.5 - 15.4	-	*	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	4
15.5 - 16.4	-	*	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	2
TOTAL %	3.3	86.2	9.8	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	2012	52790	5982	439	16	1	0	0	0	0	0	0	0	0	0		61240

(* < 0.05%)

STATION: 46045

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-	0.5-	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	4
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	-	-	-	-	-	-	-	-	-	-	-	-	-	1.0	160
4.5 - 5.4	0.2	7.2	1.6	*	-	-	-	-	-	-	-	-	-	-	-	9.0	1440
5.5 - 6.4	0.2	17.9	5.0	0.4	-	-	-	-	-	-	-	-	-	-	-	23.6	3802
6.5 - 7.4	0.5	19.6	5.4	0.4	*	-	-	-	-	-	-	-	-	-	-	25.9	4165

0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	-	-	-	-	*	-	-	-	0.4	-	-	-	0.4	10
3.5 - 4.4	-	-	-	-	-	-	-	-	*	0.9	0.1	-	-	1.1	25
4.5 - 5.4	-	-	-	-	-	-	-	-	0.3	0.9	0.1	-	-	1.3	30
5.5 - 6.4	-	-	-	-	-	-	0.1	0.2	1.1	5.0	*	-	-	6.4	148
6.5 - 7.4	-	-	-	-	-	-	-	0.3	1.1	3.6	-	-	-	4.9	114
7.5 - 8.4	-	-	-	-	-	-	-	0.1	1.4	3.7	*	-	-	5.2	122
8.5 - 9.4	-	-	-	-	-	-	-	-	0.8	3.1	-	-	-	3.9	91
9.5 - 10.4	-	-	-	-	-	-	-	-	0.9	4.7	-	-	-	5.6	131
10.5 - 11.4	-	-	-	-	-	-	-	0.2	2.3	9.4	-	-	-	11.9	276
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	-	-	-	*	-	0.1	1.1	11.3	12.6	0.3	-	-	25.3	588
13.5 - 14.4	*	*	-	*	*	*	0.3	3.6	15.5	5.5	0.3	-	-	25.4	591
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	*	-	-	-	0.1	0.1	1.4	4.7	0.5	-	-	-	6.8	159
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	-	-	-	-	-	-	0.2	0.9	0.1	-	-	-	1.2	28
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	-	-	-	-	-	-	-	*	0.3	0.1	-	-	-	0.5	11
TOTAL %	0.0	0.1	0.0	0.0	0.1	0.2	0.6	7.0	40.7	50.4	0.9	0.0	100.0		
TOTAL N	1	2	0	1	2	5	13	163	945	1171	21	0			2324

(* < 0.05%)

STATION: 46045

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	-	-	-	-	-	-	-	-	0.1	0.1	-	-	-	0.1	2
3.5 - 4.4	-	-	-	-	-	-	-	-	-	1.0	0.1	0.1	-	1.1	20
4.5 - 5.4	-	-	-	-	-	-	-	-	0.4	2.7	0.2	-	-	3.2	59
5.5 - 6.4	-	-	-	-	-	-	-	-	1.4	10.2	-	-	-	11.6	214
6.5 - 7.4	-	-	-	-	-	-	-	-	1.2	11.3	0.1	-	-	12.6	232
7.5 - 8.4	-	-	-	-	-	-	-	-	0.4	7.2	0.1	-	-	7.6	141
8.5 - 9.4	-	-	-	-	-	-	-	-	0.2	3.9	-	-	-	4.1	75
9.5 - 10.4	-	-	-	-	-	-	-	-	0.3	4.6	-	-	-	4.9	90
10.5 - 11.4	-	-	-	-	-	-	-	0.2	0.9	5.7	0.1	-	-	6.8	126
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	0.1	-	-	-	-	-	0.2	1.1	5.4	4.7	-	-	-	11.6	213
13.5 - 14.4	-	-	-	-	-	0.1	1.5	8.0	10.0	3.3	-	-	-	22.9	423
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	-	-	0.1	-	-	0.5	5.4	4.4	1.2	0.1	-	-	11.6	214
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	-	-	-	-	-	-	0.3	1.4	0.2	-	-	-	1.9	35
TOTAL %	0.1	0.0	0.0	0.1	0.0	0.1	2.2	15.0	26.0	56.0	0.5	0.1	100.0		
TOTAL N	1	0	0	1	0	1	41	277	480	1033	9	1			1844

(* < 0.05%)

STATION: 46045

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	-	-	-	-	-	-	-	-	-	0.2	-	-	-	0.2	4
3.5 - 4.4	-	-	-	-	-	-	-	-	0.1	0.9	0.1	-	-	1.1	21
4.5 - 5.4	-	-	-	-	-	-	-	-	0.2	4.6	0.1	-	-	4.8	92
5.5 - 6.4	-	-	-	-	-	-	-	-	1.4	11.5	0.1	-	-	12.9	248
6.5 - 7.4	-	-	-	-	-	-	-	-	0.8	14.9	0.1	-	-	15.8	302
7.5 - 8.4	-	-	-	-	-	-	-	-	1.1	7.7	-	-	-	8.8	168
8.5 - 9.4	-	-	-	-	-	-	-	-	0.3	5.5	0.1	-	-	5.9	114
9.5 - 10.4	-	-	-	-	-	-	-	-	0.6	7.0	0.1	-	-	7.8	149
10.5 - 11.4	-	-	-	-	-	-	-	0.1	1.2	5.3	-	-	-	6.6	126
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	-	-	-	0.1	-	0.2	1.5	3.4	2.0	-	-	-	7.2	138

13.5 - 14.4	-	-	-	-	-	-	1.1	10.7	7.9	0.8	-	-	20.6	395
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	-	0.1	-	-	-	0.6	4.9	2.6	0.1	-	-	8.1	156
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	-	-	-	-	-	-	-	0.2	-	-	-	0.2	4
TOTAL %	0.0	0.0	0.1	0.0	0.1	0.0	1.9	17.2	19.7	60.6	0.5	0.0	100.0	
TOTAL N	0	0	1	0	1	0	36	329	378	1162	10	0		1917

(* < 0.05%)

STATION: 46045

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	-	-	-	-	-	-	-	-	-	*	*	-	0.1	2
3.5 - 4.4	-	-	-	-	-	-	-	-	-	1.0	-	-	1.0	20
4.5 - 5.4	-	-	-	-	-	-	-	-	0.1	2.1	*	-	2.2	47
5.5 - 6.4	-	-	-	-	-	-	-	-	1.0	13.4	-	-	14.5	304
6.5 - 7.4	-	-	-	-	-	-	-	-	0.9	16.4	-	-	17.3	364
7.5 - 8.4	-	-	-	-	-	-	-	-	0.7	16.3	0.1	-	17.1	359
8.5 - 9.4	-	-	-	-	-	-	-	-	0.2	7.0	0.1	-	7.3	154
9.5 - 10.4	-	-	-	-	-	-	-	-	0.1	3.1	0.1	-	3.4	71
10.5 - 11.4	-	-	-	-	-	-	-	-	0.1	0.5	-	-	0.7	14
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	-	-	-	-	-	0.1	1.2	1.8	0.6	-	-	3.7	77
13.5 - 14.4	-	-	-	-	-	-	1.4	10.2	4.3	0.5	-	-	16.4	345
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	*	*	*	-	*	0.1	1.1	8.7	4.5	0.3	-	-	14.9	314
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	-	-	-	-	-	0.1	0.7	0.6	0.1	-	-	1.5	32
TOTAL %	0.0	0.0	0.0	0.0	0.0	0.1	2.8	20.8	14.3	61.3	0.4	0.0	100.0	
TOTAL N	1	1	1	0	1	3	59	438	301	1290	8	0		2103

(* < 0.05%)

STATION: 46045

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	-	-	-	-	-	-	-	-	0.2	1.1	0.1	-	1.4	35
3.5 - 4.4	-	-	-	-	-	-	-	-	0.1	2.8	0.2	-	3.1	77
4.5 - 5.4	-	-	-	-	-	-	-	-	0.2	5.4	*	-	5.7	140
5.5 - 6.4	-	-	-	-	-	-	-	-	0.8	15.1	0.1	-	15.9	392
6.5 - 7.4	-	-	-	-	-	-	-	-	0.7	8.5	-	-	9.2	226
7.5 - 8.4	-	-	-	-	-	-	-	-	0.6	5.0	0.2	-	5.8	143
8.5 - 9.4	-	-	-	-	-	-	-	-	0.1	1.7	0.1	-	1.9	47
9.5 - 10.4	-	-	-	-	-	-	-	0.1	0.2	0.9	-	-	1.2	30
10.5 - 11.4	-	-	-	-	-	-	0.1	0.8	0.6	0.5	-	-	1.9	47
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	-	-	-	-	-	1.1	6.0	3.9	0.2	*	-	11.2	276
13.5 - 14.4	-	-	-	*	-	0.2	2.3	17.5	5.0	0.4	-	-	25.4	626
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	-	-	*	-	0.1	1.7	11.5	3.0	0.1	-	*	16.4	405
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	-	*	-	-	-	0.1	0.5	0.1	-	-	*	0.8	19
TOTAL %	0.0	0.0	0.0	0.1	0.0	0.3	5.2	36.3	15.5	41.7	0.9	0.1	100.0	
TOTAL N	0	0	1	2	0	7	128	895	381	1026	21	2		2463

(* < 0.05%)

STATION: 46045

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

Month: AUG

MEAN WAVE DIRECTION

WAVE PERIOD	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	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	-	-	-	-	-	*	-	*	0.7	0.3	-	1.1	24
3.5 - 4.4	-	-	-	-	-	-	-	-	0.2	2.3	0.2	-	2.7	60
4.5 - 5.4	-	-	-	-	-	-	-	-	0.7	7.5	0.1	-	8.4	183
5.5 - 6.4	-	-	-	-	-	-	-	-	0.6	17.8	-	-	18.4	403
6.5 - 7.4	-	-	-	-	-	-	-	-	0.8	10.7	0.2	-	11.8	258
7.5 - 8.4	-	-	-	-	-	-	*	*	0.8	6.4	0.2	-	7.5	164
8.5 - 9.4	-	-	-	-	-	-	-	0.1	0.6	2.7	*	-	3.5	77
9.5 - 10.4	-	-	-	-	-	-	*	0.5	1.8	2.0	0.1	-	4.5	98
10.5 - 11.4	-	-	-	-	-	0.1	0.2	1.6	1.1	0.9	*	-	3.9	86
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	-	-	-	-	-	0.8	4.6	1.9	0.1	-	-	7.3	160
13.5 - 14.4	*	*	-	-	*	0.1	1.9	12.2	3.6	0.3	0.1	-	18.4	403
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	-	*	0.1	0.1	0.2	1.2	7.1	3.2	0.1	-	-	12.1	265
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	-	-	-	-	-	*	0.2	0.1	-	-	-	0.4	8
TOTAL %	0.0	0.0	0.0	0.1	0.1	0.4	4.3	26.5	15.4	51.6	1.4	0.0	100.0	
TOTAL N	1	1	1	2	3	9	95	579	337	1130	31	0		2189

(* < 0.05%)

STATION: 46045

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	-	-	-	-	-	-	*	*	*	0.8	0.5	0.1	1.6	35
3.5 - 4.4	-	-	-	-	-	-	-	-	0.1	4.6	0.4	-	5.2	110
4.5 - 5.4	-	-	-	-	-	-	-	-	0.7	6.0	0.1	-	6.8	145
5.5 - 6.4	-	-	-	-	-	-	-	-	0.9	12.0	*	-	13.0	275
6.5 - 7.4	-	-	-	-	-	-	-	-	0.8	8.5	-	-	9.3	197
7.5 - 8.4	-	-	-	-	-	-	-	*	0.3	4.9	0.2	-	5.5	116
8.5 - 9.4	-	-	-	-	-	-	-	0.4	0.7	1.1	*	-	2.2	47
9.5 - 10.4	-	-	-	-	-	-	-	1.3	0.9	1.6	0.2	-	4.1	86
10.5 - 11.4	-	-	-	-	-	-	-	1.7	3.0	3.6	*	-	8.3	177
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	-	-	-	-	*	0.5	2.2	5.1	3.2	0.1	0.1	11.3	239
13.5 - 14.4	-	-	-	-	-	0.2	1.6	8.4	7.6	1.5	0.1	*	19.4	412
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	*	*	-	-	0.2	1.1	7.4	2.6	0.4	-	-	11.8	251
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	-	-	-	0.2	*	0.1	0.2	0.4	0.5	-	-	1.5	31
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	0.0	0.0	0.0	0.2	0.5	3.3	21.7	23.2	48.8	1.9	0.3	100.0	
TOTAL N	0	1	1	0	4	11	71	460	492	1036	40	6		2122

(* < 0.05%)

STATION: 46045

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	-	-	-	-	-	-	-	-	0.5	0.9	0.2	*	1.6	35
3.5 - 4.4	-	-	-	-	-	-	-	0.1	0.5	2.1	0.4	-	3.1	67
4.5 - 5.4	-	-	-	-	-	-	-	-	0.7	5.3	0.2	-	6.2	136
5.5 - 6.4	-	-	-	-	-	-	-	-	1.0	9.6	0.2	-	10.8	237
6.5 - 7.4	-	-	-	-	-	-	-	-	1.2	8.2	0.1	-	9.5	207
7.5 - 8.4	-	-	-	-	-	-	-	0.1	0.8	4.2	*	-	5.2	113
8.5 - 9.4	-	-	-	-	-	-	-	0.1	0.4	2.5	*	-	3.0	65
9.5 - 10.4	-	-	-	-	-	-	*	0.6	1.2	2.9	-	-	4.8	104
10.5 - 11.4	-	-	*	-	-	-	0.1	1.4	3.2	3.6	*	-	8.4	183

11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	-	-	-	-	-	0.3	2.4	6.8	4.1	*	-	-	13.7	299
13.5 - 14.4	-	-	*	-	*	0.1	1.6	8.3	7.5	3.4	0.4	0.1	-	21.5	471
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	0.1	0.1	-	-	-	*	1.0	6.5	3.8	0.5	-	-	-	11.9	261
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	-	-	-	-	-	*	0.1	0.1	*	-	-	-	0.4	8
TOTAL %	0.1	0.1	0.1	0.0	0.0	0.1	3.1	19.6	27.7	47.3	1.7	0.1	-	100.0	
TOTAL N	2	2	2	0	1	3	68	429	605	1033	38	3	-		2186

(* < 0.05%)

STATION: 46045

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	-	-	-	*	-	-	-	0.1	0.8	2.3	0.1	-	-	3.4	94
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	-	-	-	-	-	-	-	0.1	0.8	0.3	*	-	1.2	32
3.5 - 4.4	-	-	-	-	-	-	-	-	0.1	2.2	0.4	*	-	2.7	75
4.5 - 5.4	-	-	-	-	-	-	-	-	0.1	2.6	0.1	-	-	2.8	77
5.5 - 6.4	-	-	-	-	-	-	-	-	0.5	6.3	0.1	-	-	6.9	191
6.5 - 7.4	-	-	-	-	-	-	-	-	0.8	8.7	0.5	-	-	10.0	277
7.5 - 8.4	-	-	-	-	-	-	-	0.1	0.5	8.6	0.1	-	-	9.3	257
8.5 - 9.4	-	-	-	-	-	-	-	0.1	0.3	4.7	0.2	-	-	5.3	147
9.5 - 10.4	-	-	-	-	-	-	-	0.1	0.6	5.5	0.3	-	-	6.5	181
10.5 - 11.4	-	*	-	-	-	-	-	0.1	1.9	8.7	0.3	-	-	11.0	306
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	-	*	*	*	-	0.1	1.0	6.3	8.0	0.2	*	-	15.7	436
13.5 - 14.4	-	*	-	0.1	*	0.1	0.7	5.3	8.0	5.3	0.2	-	-	19.8	549
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	0.1	-	-	-	-	0.1	0.2	2.2	1.7	0.6	-	-	-	4.9	137
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	-	-	-	-	-	-	0.2	0.2	0.1	-	-	-	0.5	13
TOTAL %	0.1	0.1	0.0	0.1	0.1	0.1	1.0	9.2	22.0	64.4	2.8	0.1	-	100.0	
TOTAL N	2	2	1	4	2	4	27	255	609	1785	78	3	-		2772

(* < 0.05%)

STATION: 46045

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	1
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	0.2	-	-	0.5	15
4.5 - 5.4	-	-	-	-	-	-	-	0.1	0.2	0.4	0.1	-	-	0.8	22
5.5 - 6.4	-	-	-	-	-	-	-	0.2	0.7	2.5	-	-	-	3.4	98
6.5 - 7.4	-	-	-	-	-	-	-	0.1	0.9	3.5	-	-	-	4.4	129
7.5 - 8.4	-	-	-	-	-	-	-	-	0.8	5.0	0.1	-	-	5.8	169
8.5 - 9.4	-	-	-	-	-	-	-	*	0.5	4.1	0.2	-	-	4.9	141
9.5 - 10.4	-	-	-	-	-	-	-	-	1.1	6.6	0.3	-	-	8.0	233
10.5 - 11.4	-	-	-	-	-	-	-	0.1	2.3	7.6	0.1	-	-	10.1	294
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	-	-	-	-	-	-	0.4	6.1	11.6	0.2	-	-	18.3	532
13.5 - 14.4	-	-	-	-	-	*	0.2	1.7	14.2	16.3	0.4	*	-	32.9	954
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	-	-	-	-	0.1	0.1	1.3	4.0	2.4	-	-	-	7.9	229
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	-	-	-	-	-	-	0.8	1.4	0.5	-	-	-	2.7	79
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	5
TOTAL %	0.0	0.0	0.0	0.0	0.0	0.1	0.3	4.8	32.4	60.8	1.6	0.0	-	100.0	
TOTAL N	0	0	0	0	0	3	10	138	939	1765	46	1	-		2902

(* < 0.05%)

STATION: 46045

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	-	-	-	*	-	-	-	*	0.1	0.2	*	-	0.3	95
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	-	-	-	-	*	*	*	0.1	0.4	0.1	*	0.7	187
3.5 - 4.4	-	-	-	-	-	-	-	*	0.1	1.5	0.2	*	1.8	512
4.5 - 5.4	-	-	-	-	-	-	-	*	0.3	3.0	0.1	-	3.4	963
5.5 - 6.4	-	-	-	-	-	-	*	0.1	0.8	8.3	*	-	9.2	2611
6.5 - 7.4	-	-	-	-	-	-	*	0.1	0.9	7.8	0.1	-	8.9	2513
7.5 - 8.4	-	-	-	-	-	-	*	0.2	1.0	6.0	0.1	-	7.3	2061
8.5 - 9.4	-	-	-	-	-	-	*	0.2	0.7	3.4	0.1	-	4.3	1218
9.5 - 10.4	-	-	-	-	-	-	*	0.3	1.0	4.0	0.1	-	5.3	1505
10.5 - 11.4	-	*	*	-	-	*	*	0.5	2.0	5.5	0.1	-	8.2	2316
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	*	-	*	*	*	*	0.3	1.8	6.1	6.9	0.1	*	15.2	4300
13.5 - 14.4	*	*	*	*	*	0.1	1.0	7.1	9.8	5.6	0.1	*	23.9	6743
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	*	*	*	*	*	0.1	0.6	4.6	3.7	0.9	*	*	10.0	2821
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	-	*	*	*	*	*	0.3	0.7	0.2	*	*	1.3	368
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	18
TOTAL %	0.0	0.0	0.0	0.0	0.0	0.2	2.0	15.1	27.3	53.9	1.2	0.1	100.0	
TOTAL N	8	9	8	11	14	46	568	4273	7721	15223	332	18	28231	

(* < 0.05%)

STATION: 46045

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	1
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	-	-	-	-	-	-	*	0.1	0.1	*	-	0.1	8
3.5 - 4.4	-	-	-	-	-	-	-	*	0.1	0.2	0.1	-	0.4	37
4.5 - 5.4	-	-	-	-	-	-	-	0.1	0.2	0.4	*	-	0.6	54
5.5 - 6.4	-	-	-	-	-	-	*	0.2	0.4	1.7	*	-	2.4	199
6.5 - 7.4	-	-	-	-	-	-	*	0.2	0.9	2.9	*	-	4.0	336
7.5 - 8.4	-	-	-	-	-	-	*	0.5	1.6	3.6	0.1	-	5.8	478
8.5 - 9.4	-	-	-	-	-	-	*	0.4	1.3	3.0	0.1	-	4.8	401
9.5 - 10.4	-	-	-	-	-	-	*	0.2	1.5	5.0	0.2	-	6.8	565
10.5 - 11.4	-	-	-	-	-	-	*	0.1	3.1	8.4	0.1	-	11.7	975
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	-	-	-	-	-	*	0.5	8.4	13.6	0.1	*	22.5	1874
13.5 - 14.4	-	-	-	-	-	*	0.1	1.8	14.9	13.3	0.2	*	30.4	2528
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	-	-	-	-	*	0.1	1.0	4.7	2.1	*	*	7.9	659
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	-	-	*	-	-	*	0.4	1.4	0.4	*	-	2.3	190
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	6
TOTAL %	0.0	0.0	0.0	0.0	0.0	0.0	0.4	5.4	38.4	54.8	0.9	0.0	100.0	
TOTAL N	0	0	0	1	0	3	30	448	3193	4557	76	3	8311	

(* < 0.05%)

STATION: 46045

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	0

15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	0.1	*	*	-	-	0.1	0.7	5.1	2.6	0.5	-	-	-	9.2	649
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	-	-	-	0.1	*	*	0.2	0.3	0.2	-	-	-	0.7	52
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 %	0.1	0.1	0.1	0.1	0.1	0.3	2.3	16.2	24.1	54.4	2.2	0.2	100.0		
TOTAL N	4	5	4	4	7	18	166	1144	1706	3854	156	12			7080

(* < 0.05%)

STATION: 46045

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

Month: JAN

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	-	-	-	-	-	-	0.1	0.1	0.7	1.1	-	-	2.0	57
0.5 - 1.4	-	-	-	*	-	-	0.2	3.5	30.9	38.7	0.1	*	73.5	2120
1.5 - 2.4	-	-	-	-	-	-	-	0.3	7.2	13.5	0.1	-	21.1	608
2.5 - 3.4	-	-	-	-	-	-	-	0.1	1.1	2.0	*	-	3.2	92
3.5 - 4.4	-	-	-	-	-	-	-	-	*	0.2	-	-	0.2	6
TOTAL %	0.0	0.0	0.0	0.0	0.0	0.0	0.3	3.9	39.9	55.5	0.3	0.0	100.0	
TOTAL N	0	0	0	1	0	0	9	113	1151	1600	8	1		2883

(* < 0.05%)

STATION: 46045

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

Month: FEB

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	-	-	-	-	-	-	0.4	6.3	35.0	35.0	0.9	*	77.6	1961
1.5 - 2.4	-	-	-	-	-	-	-	1.5	8.5	11.4	-	-	21.4	541
2.5 - 3.4	-	-	-	-	-	-	-	-	0.1	0.8	-	-	0.9	23
TOTAL %	0.0	0.0	0.0	0.0	0.0	0.0	0.4	7.8	43.7	47.2	0.9	0.0	100.0	
TOTAL N	0	0	0	0	0	0	11	197	1103	1192	22	1		2526

(* < 0.05%)

STATION: 46045

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

Month: MAR

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	-	-	-	-	-	0.1	0.1	0.3	1.1	0.5	-	-	2.1	48
0.5 - 1.4	*	0.1	-	*	0.1	0.1	0.5	6.2	35.3	38.8	0.6	-	81.8	1900
1.5 - 2.4	-	-	-	-	-	-	-	0.5	4.3	10.5	0.3	-	15.5	360
2.5 - 3.4	-	-	-	-	-	-	-	-	*	0.6	-	-	0.6	15
3.5 - 4.4	-	-	-	-	-	-	-	-	-	-	*	-	0.0	1
TOTAL %	0.0	0.1	0.0	0.0	0.1	0.2	0.6	7.0	40.7	50.4	0.9	0.0	100.0	
TOTAL N	1	2	0	1	2	5	13	163	945	1171	21	0		2324

(* < 0.05%)

STATION: 46045

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

Month: APR

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	-	-	-	-	-	-	0.1	0.4	0.3	0.3	-	-	1.1	21
0.5 - 1.4	0.1	-	-	0.1	-	0.1	2.1	14.5	24.3	42.2	0.4	-	83.8	1545
1.5 - 2.4	-	-	-	-	-	-	-	0.1	1.4	13.1	0.1	0.1	14.7	271
2.5 - 3.4	-	-	-	-	-	-	-	-	-	0.3	0.1	-	0.4	7
TOTAL %	0.1	0.0	0.0	0.1	0.0	0.1	2.2	15.0	26.0	56.0	0.5	0.1	100.0	
TOTAL N	1	0	0	1	0	1	41	277	480	1033	9	1		1844

(* < 0.05%)

STATION: 46045

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

Month: MAY

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	0.5	0.6	0.4	-	-	1.5	29
0.5 - 1.4	-	-	0.1	-	0.1	-	1.8	16.6	18.7	53.7	0.4	-	91.4	1753
1.5 - 2.4	-	-	-	-	-	-	-	-	0.4	6.5	0.1	-	7.0	134
2.5 - 3.4	-	-	-	-	-	-	-	-	-	0.1	-	-	0.1	1
TOTAL %	0.0	0.0	0.1	0.0	0.1	0.0	1.9	17.2	19.7	60.6	0.5	0.0	100.0	
TOTAL N	0	0	1	0	1	0	36	329	378	1162	10	0		1917

(* < 0.05%)

STATION: 46045

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

Month: JUN

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	2.4	0.9	0.6	-	-	4.1	87
0.5 - 1.4	*	-	-	-	*	0.1	2.5	18.3	12.9	58.2	0.4	-	92.5	1945
1.5 - 2.4	-	-	-	-	-	-	0.1	0.1	0.5	2.6	-	-	3.4	71
TOTAL %	0.0	0.0	0.0	0.0	0.0	0.1	2.8	20.8	14.3	61.3	0.4	0.0	100.0	
TOTAL N	1	1	1	0	1	3	59	438	301	1290	8	0		2103

(* < 0.05%)

STATION: 46045

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

Month: JUL

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	2.9	1.9	1.3	-	-	6.5	161
0.5 - 1.4	-	-	*	*	-	0.2	4.8	33.4	13.6	40.3	0.9	0.1	93.4	2300
1.5 - 2.4	-	-	-	-	-	-	-	-	-	0.1	-	-	0.1	2
TOTAL %	0.0	0.0	0.0	0.1	0.0	0.3	5.2	36.3	15.5	41.7	0.9	0.1	100.0	
TOTAL N	0	0	1	2	0	7	128	895	381	1026	21	2		2463

(* < 0.05%)

STATION: 46045

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

Month: AUG

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	0.8	2.7	2.4	1.7	0.1	-	8.1	177
0.5 - 1.4	-	-	*	0.1	0.1	0.2	3.6	23.8	12.9	49.7	1.3	-	91.7	2007
1.5 - 2.4	-	-	-	-	-	-	-	-	*	0.2	-	-	0.2	5
TOTAL %	0.0	0.0	0.0	0.1	0.1	0.4	4.3	26.5	15.4	51.6	1.4	0.0	100.0	
TOTAL N	1	1	1	2	3	9	95	579	337	1130	31	0		2189

(* < 0.05%)

STATION: 46045

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

Month: SEP

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	1.7	1.1	1.3	*	-	4.5	95
0.5 - 1.4	-	-	-	-	0.2	0.5	3.2	19.9	22.1	47.3	1.8	0.3	95.2	2020
1.5 - 2.4	-	-	-	-	-	-	-	-	-	0.3	*	-	0.3	7
TOTAL %	0.0	0.0	0.0	0.0	0.2	0.5	3.3	21.7	23.2	48.8	1.9	0.3	100.0	
TOTAL N	0	1	1	0	4	11	71	460	492	1036	40	6		2122

(* < 0.05%)

STATION: 46045

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	*	*	0.1	-	*	*	0.5	2.5	4.8	3.5	0.1	-	11.6	254
0.5 - 1.4	*	*	-	-	-	0.1	2.6	17.2	22.6	39.8	1.5	0.1	83.9	1835
1.5 - 2.4	-	-	-	-	-	-	-	-	0.4	3.8	0.2	-	4.4	96
2.5 - 3.4	-	-	-	-	-	-	-	-	-	*	-	-	0.0	1

TOTAL %	0.1	0.1	0.1	0.0	0.0	0.1	3.1	19.6	27.7	47.3	1.7	0.1	100.0	
TOTAL N	2	2	2	0	1	3	68	429	605	1033	38	3		2186

(* < 0.05%)

STATION: 46045

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

Month: NOV

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	*	*	*	0.1	-	*	0.4	2.2	5.7	13.9	0.8	-	23.3	645
0.5 - 1.4	*	*	-	*	0.1	0.1	0.6	7.0	15.8	43.6	1.2	0.1	68.6	1901
1.5 - 2.4	-	-	-	-	-	-	-	-	0.5	6.4	0.4	-	7.3	202
2.5 - 3.4	-	-	-	-	-	-	-	-	-	0.5	0.4	-	0.9	24
TOTAL %	0.1	0.1	0.0	0.1	0.1	0.1	1.0	9.2	22.0	64.4	2.8	0.1	100.0	
TOTAL N	2	2	1	4	2	4	27	255	609	1785	78	3		2772

(* < 0.05%)

STATION: 46045

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

Month: DEC

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	-	-	-	-	-	*	*	0.1	0.6	0.7	*	-	1.5	44
0.5 - 1.4	-	-	-	-	-	0.1	0.3	4.5	29.0	49.9	1.5	*	85.4	2479
1.5 - 2.4	-	-	-	-	-	-	-	0.1	2.7	9.5	*	-	12.3	357
2.5 - 3.4	-	-	-	-	-	-	-	-	0.1	0.7	-	-	0.8	22
TOTAL %	0.0	0.0	0.0	0.0	0.0	0.1	0.3	4.8	32.4	60.8	1.6	0.0	100.0	
TOTAL N	0	0	0	0	0	3	10	138	939	1765	46	1		2902

(* < 0.05%)

STATION: 46045

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

All Months: Annual

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	*	*	*	*	*	*	0.2	1.3	1.7	2.3	0.1	-	5.7	1619
0.5 - 1.4	*	*	*	*	*	0.1	1.8	13.6	23.1	44.4	0.9	0.1	84.2	23766
1.5 - 2.4	-	-	-	-	-	-	*	0.2	2.4	6.7	0.1	*	9.4	2654
2.5 - 3.4	-	-	-	-	-	-	-	*	0.1	0.5	*	-	0.7	185
3.5 - 4.4	-	-	-	-	-	-	-	-	*	*	*	-	0.0	7
TOTAL %	0.0	0.0	0.0	0.0	0.0	0.2	2.0	15.1	27.3	53.9	1.2	0.1	100.0	
TOTAL N	8	9	8	11	14	46	568	4273	7721	15223	332	18		28231

(* < 0.05%)

STATION: 46045

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

Months: DEC, JAN, FEB (Winter)

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	-	-	-	-	-	*	*	0.1	0.4	0.6	*	-	1.2	102
0.5 - 1.4	-	-	-	*	-	*	0.3	4.7	31.5	41.5	0.8	*	78.9	6560
1.5 - 2.4	-	-	-	-	-	-	-	0.6	6.0	11.5	*	-	18.1	1506
2.5 - 3.4	-	-	-	-	-	-	-	*	0.4	1.2	*	-	1.6	137
3.5 - 4.4	-	-	-	-	-	-	-	-	*	0.1	-	-	0.1	6
TOTAL %	0.0	0.0	0.0	0.0	0.0	0.0	0.4	5.4	38.4	54.8	0.9	0.0	100.0	
TOTAL N	0	0	0	1	0	3	30	448	3193	4557	76	3		8311

(* < 0.05%)

STATION: 46045

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

Months: MAR, APR, MAY (Spring)

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	-	-	-	-	-	*	0.1	0.4	0.7	0.4	-	-	1.6	98
0.5 - 1.4	*	*	*	*	*	0.1	1.4	12.0	26.8	44.6	0.5	-	85.4	5198
1.5 - 2.4	-	-	-	-	-	-	-	0.2	2.2	10.0	0.1	*	12.6	765
2.5 - 3.4	-	-	-	-	-	-	-	-	*	0.3	*	-	0.4	23
3.5 - 4.4	-	-	-	-	-	-	-	-	-	-	*	-	0.0	1
TOTAL %	0.0	0.0	0.0	0.0	0.0	0.1	1.5	12.6	29.6	55.3	0.7	0.0	100.0	

TOTAL N 2 2 1 2 3 6 90 769 1803 3366 40 1 6085
 (* < 0.05%)

STATION: 46045

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	*	*	*	*	*	0.1	0.4	2.7	1.7	1.2	*	-	6.3	425
0.5 - 1.4	*	-	*	*	*	0.2	3.7	25.6	13.2	48.9	0.9	*	92.6	6252
1.5 - 2.4	-	-	-	-	-	-	*	*	0.2	0.9	-	-	1.2	78
TOTAL %	0.0	0.0	0.0	0.1	0.1	0.3	4.2	28.3	15.1	51.0	0.9	0.0	100.0	
TOTAL N	2	2	3	4	4	19	282	1912	1019	3446	60	2		6755

(* < 0.05%)

STATION: 46045

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	*	*	0.1	*	*	*	0.4	2.1	4.0	6.9	0.4	-	14.0	994
0.5 - 1.4	*	*	-	*	0.1	0.2	2.0	14.0	19.7	43.5	1.5	0.2	81.3	5756
1.5 - 2.4	-	-	-	-	-	-	-	-	0.3	3.8	0.2	-	4.3	305
2.5 - 3.4	-	-	-	-	-	-	-	-	-	0.2	0.2	-	0.4	25
TOTAL %	0.1	0.1	0.1	0.1	0.1	0.3	2.3	16.2	24.1	54.4	2.2	0.2	100.0	
TOTAL N	4	5	4	4	7	18	166	1144	1706	3854	156	12		7080

(* < 0.05%)

Summary complete: 09-Sep-2003 05:46:09