

Table with 23 columns of numerical data, including MEAN, S.D., TOTAL, MAX, and DATE values. Includes a note (* < 0.05%, # = 100.0%)

STATION: 46041

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

(HIGHEST 5-SECOND AVERAGE DURING 2 OR 8-MINUTE PERIOD PRIOR TO OBSERVATION TIME)

ELEMENT: PEAK WIND GUST (KNOTS) -- POR: (6/1987 - 12/2001) (96468 RECORDS, 94.7% HAVE ELEMENT)

Table with 17 columns (JAN-ANN) and 2 rows per month (F, CPF). Contains frequency and cumulative percent data for peak wind gust.

	DAY-HR	-	-	-	-	-	19-14	17-17	22-16	10-12	18-14	17-15	23-18	DEC
	# OBS	-	-	-	-	-	507	741	743	676	743	712	743	4865
1988	MEAN	6.8	7.6	7.7	8.4	10.3	11.6	12.2	12.5	11.2	11.6	9.1	9.5	9.9
	MAXIMUM	11.3	11.7	12.0	12.4	14.9	14.7	16.8	14.9	16.7	14.8	12.9	12.9	16.8
	DAY-HR	27-11	29-23	01-02	19-23	22-01	30-18	20-03	29-22	13-21	02-02	05-16	03-23	JUL
	MINIMUM	2.0	1.1	4.2	4.1	6.0	8.3	10.0	10.0	8.0	6.5	2.7	6.4	1.1
	DAY-HR	03-10	01-19	26-17	08-17	06-14	01-15	30-10	31-19	22-14	27-14	24-14	02-09	FEB
	# OBS	741	695	744	719	740	720	740	740	717	743	718	283	8300
1989	MEAN	-	-	7.4	9.8	11.1	-	14.6	13.7	13.2	11.6	9.7	7.9	10.8
	MAXIMUM	-	-	10.6	17.6	15.9	-	16.5	16.5	18.0	14.9	12.6	12.9	18.0
	DAY-HR	-	-	20-22	30-00	05-18	-	19-22	15-20	09-08	17-20	09-20	02-09	SEP
	MINIMUM	-	-	4.4	4.7	6.9	-	12.1	10.9	9.4	6.6	5.2	3.6	3.6
	DAY-HR	-	-	23-15	01-16	18-14	-	28-13	29-18	20-17	31-16	22-14	27-03	DEC
	# OBS	-	-	548	708	599	-	303	734	718	739	716	735	5800
1990	MEAN	8.0	5.6	7.8	9.3	10.2	12.4	13.8	14.5	15.7	11.6	9.9	6.3	10.8
	MAXIMUM	11.4	10.5	11.9	13.6	14.4	14.5	17.6	18.1	18.8	15.9	13.6	7.8	18.8
	DAY-HR	12-05	28-01	17-01	11-00	30-22	30-23	04-08	28-00	05-01	04-08	09-08	01-18	SEP
	MINIMUM	2.3	-0.6	3.3	7.1	6.7	9.6	9.8	11.2	11.2	8.2	5.8	4.4	-0.6
	DAY-HR	26-19	12-23	12-15	03-16	08-13	10-08	19-18	05-10	30-15	19-15	30-08	02-17	FEB
	# OBS	738	662	738	713	733	713	738	743	700	742	718	40	7978
1991	MEAN	-	8.0	7.0	8.2	10.2	11.3	13.1	13.5	13.5	10.4	9.3	8.6	10.5
	MAXIMUM	-	11.0	9.7	13.4	14.1	14.1	19.9	16.0	18.7	14.6	11.8	11.8	19.9
	DAY-HR	-	27-01	03-09	30-23	03-00	27-02	24-00	13-21	05-01	05-23	11-20	26-16	JUL
	MINIMUM	-	5.5	2.3	5.1	8.0	7.9	10.3	9.6	8.4	5.1	5.7	4.0	2.3
	DAY-HR	-	23-15	10-18	10-05	09-04	05-16	07-17	06-15	22-06	29-07	14-15	14-15	MAR
	# OBS	-	148	744	718	744	719	742	728	718	743	705	732	7441
1992	MEAN	8.5	9.2	9.9	10.4	11.6	12.8	14.1	14.0	12.2	11.9	9.7	6.5	10.9
	MAXIMUM	12.2	14.4	12.6	15.2	16.0	16.0	17.5	18.8	18.0	17.0	13.8	10.9	18.8
	DAY-HR	30-00	27-00	22-00	24-12	04-02	30-23	01-03	11-20	30-22	01-00	01-00	14-08	AUG
	MINIMUM	3.3	4.4	6.2	4.8	6.6	9.7	11.0	10.7	7.8	6.2	5.5	2.0	2.0
	DAY-HR	07-16	19-16	18-13	07-15	12-14	03-13	30-14	25-15	14-14	15-17	29-16	17-02	DEC
	# OBS	728	679	732	712	742	714	736	726	685	724	692	723	8593
1993	MEAN	5.1	6.8	8.3	9.7	12.5	13.6	13.7	14.9	11.8	11.3	8.2	7.4	10.3
	MAXIMUM	11.3	14.5	12.2	14.5	18.8	16.7	15.7	18.8	15.9	14.2	12.9	11.3	18.8
	DAY-HR	31-00	05-03	31-17	20-14	25-04	13-22	31-19	04-01	04-23	15-22	03-10	10-08	AUG
	MINIMUM	0.0	0.5	3.9	5.9	8.7	9.7	10.9	11.4	8.2	7.9	-0.8	0.0	-0.8
	DAY-HR	26-15	17-13	16-15	04-15	07-17	22-12	07-16	30-05	20-15	07-16	23-16	13-04	NOV
	# OBS	716	619	714	705	730	693	718	721	689	725	696	712	8438
1994	MEAN	8.3	6.5	8.3	9.6	11.3	12.8	12.7	15.9	13.4	-	7.3	6.9	10.3
	MAXIMUM	11.3	10.3	12.6	12.1	14.1	14.9	15.9	18.4	15.3	-	10.6	12.1	18.4
	DAY-HR	22-23	16-15	28-03	18-01	10-19	30-20	23-23	16-23	04-00	-	30-16	24-03	AUG
	MINIMUM	4.8	0.8	2.3	6.8	7.5	10.2	9.7	12.9	11.7	-	3.9	0.5	0.5
	DAY-HR	31-16	07-19	22-02	05-15	01-13	07-14	09-17	01-16	02-16	-	26-16	04-15	DEC
	# OBS	736	645	729	715	735	715	731	738	75	-	220	732	6771
1995	MEAN	8.5	8.3	8.2	9.1	11.0	12.3	14.6	13.5	-	-	11.7	9.3	10.6
	MAXIMUM	12.6	11.9	12.8	12.1	14.4	18.9	18.3	16.4	-	-	12.9	13.9	18.9
	DAY-HR	21-00	07-23	29-21	30-22	22-02	30-21	18-04	22-02	-	-	29-17	12-21	JUN
	MINIMUM	4.3	0.4	3.6	5.0	8.3	9.4	11.8	11.0	-	-	8.7	2.9	0.4
	DAY-HR	04-17	13-18	05-15	14-15	12-15	09-16	11-13	08-14	-	-	27-17	06-17	FEB
	# OBS	734	661	737	717	742	718	729	657	-	-	243	741	6679
1996	MEAN	7.7	7.8	9.2	11.3	13.4	18.7	-	-	-	-	-	-	9.9
	MAXIMUM	12.6	12.8	13.7	15.4	17.2	19.5	-	-	-	-	-	-	19.5
	DAY-HR	15-07	11-00	18-20	14-22	31-23	01-05	-	-	-	-	-	-	JUN
	MINIMUM	-2.0	1.5	5.2	6.8	8.1	16.7	-	-	-	-	-	-	-2.0
	DAY-HR	30-14	02-16	27-15	02-17	03-12	01-00	-	-	-	-	-	-	JAN
	# OBS	736	689	740	732	741	7	-	-	-	-	-	-	3645
1998	MEAN	-	-	-	-	-	12.2	13.8	14.4	12.7	12.2	10.4	-	12.7
	MAXIMUM	-	-	-	-	-	13.9	16.7	17.2	16.1	17.2	13.6	-	17.2
	DAY-HR	-	-	-	-	-	26-21	31-20	21-00	07-00	22-00	15-09	-	OCT
	MINIMUM	-	-	-	-	-	10.0	11.8	11.0	9.5	9.0	6.4	-	6.4
	DAY-HR	-	-	-	-	-	21-15	07-11	31-17	05-15	31-11	29-10	-	NOV
	# OBS	-	-	-	-	-	380	732	784	708	743	714	-	4061
1999	MEAN	-	-	-	-	-	12.2	12.5	14.5	12.4	10.8	10.3	8.6	11.7
	MAXIMUM	-	-	-	-	-	13.4	15.2	17.2	17.2	14.1	13.3	11.7	17.2
	DAY-HR	-	-	-	-	-	25-00	30-18	16-22	13-03	08-08	16-06	15-19	SEP
	MINIMUM	-	-	-	-	-	10.8	10.1	12.6	8.3	7.1	6.7	4.8	4.8
	DAY-HR	-	-	-	-	-	28-16	19-15	31-15	18-17	01-17	05-11	22-10	DEC
	# OBS	-	-	-	-	-	174	739	737	667	600	597	646	4160
2000	MEAN	7.0	7.9	7.9	9.2	10.5	12.3	13.7	14.0	-	11.9	9.1	7.3	10.1
	MAXIMUM	10.2	12.0	10.0	13.3	15.2	15.6	16.7	16.4	-	17.1	12.1	11.0	17.1
	DAY-HR	04-07	04-00	13-21	27-05	14-01	27-23	23-22	01-02	-	07-00	04-10	02-22	OCT
	MINIMUM	2.7	5.2	5.3	5.5	6.8	9.7	11.4	11.7	-	9.7	5.9	3.6	2.7

	DAY-HR	12-10	13-08	06-14	06-10	05-16	10-10	02-19	08-12	-	30-15	17-16	13-15	JAN
	# OBS	578	572	672	646	689	674	736	348	-	615	714	379	6623
2001	MEAN	-	-	8.4	8.3	10.0	11.9	13.0	13.9	13.3	11.3	9.7	8.3	11.0
	MAXIMUM	-	-	11.3	10.9	13.4	14.9	15.2	16.5	16.4	16.0	13.3	11.0	16.5
	DAY-HR	-	-	25-02	26-00	31-03	26-23	18-21	27-03	23-01	05-01	15-08	01-10	AUG
	MINIMUM	-	-	5.6	4.8	7.6	9.2	11.4	11.3	10.5	6.5	4.0	4.9	4.0
	DAY-HR	-	-	27-20	06-19	05-12	03-06	15-15	08-17	27-19	28-19	28-12	05-03	NOV
	# OBS	-	-	199	714	741	713	743	738	715	735	705	743	6746
POR	MEAN	7.5	7.5	8.2	9.4	11.1	12.3	13.4	14.0	12.9	11.6	9.6	7.9	10.7
	MAXIMUM	12.6	14.5	13.7	17.6	18.8	19.5	19.9	18.8	18.8	17.2	14.9	13.9	19.9
	YEAR	1996	1993	1996	1989	1993	1996	1991	1993	1990	1998	1987	1995	JUL/1991
	MINIMUM	-2.0	-0.6	2.3	4.1	6.0	7.9	9.3	8.9	7.8	5.1	-0.8	0.0	-2.0
	YEAR	1996	1990	1994	1988	1988	1991	1987	1987	1992	1991	1993	1993	JAN/1996
	# OBS	5707	5370	7297	7799	7936	7447	9128	9137	7068	7852	8150	7209	90100

STATION: 46041 -- POR (6/1987 - 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
1987	MEAN	-	-	-	-	-	12.1	13.1	12.4	12.6	13.1	11.8	9.6	12.1
	MAXIMUM	-	-	-	-	-	16.4	15.9	16.0	15.6	15.3	13.3	11.7	16.4
	DAY-HR	-	-	-	-	-	30-00	11-00	01-01	30-23	01-23	10-01	02-16	JUN
	MINIMUM	-	-	-	-	-	10.5	10.5	9.3	10.2	11.3	10.2	7.0	7.0
	DAY-HR	-	-	-	-	-	26-17	17-14	23-08	02-17	21-13	29-14	24-12	DEC
	# OBS	-	-	-	-	-	507	741	743	676	743	713	743	4866
1988	MEAN	8.4	8.3	9.0	10.4	12.4	12.9	12.3	12.4	11.6	12.6	11.3	10.5	11.0
	MAXIMUM	9.8	9.8	10.4	12.5	14.8	15.8	15.9	16.0	14.9	14.4	12.8	11.0	16.0
	DAY-HR	16-10	28-22	17-23	25-21	15-01	30-22	01-01	12-21	13-21	02-00	05-02	08-21	AUG
	MINIMUM	6.6	6.6	8.5	8.5	10.5	10.6	8.6	9.7	9.7	11.2	9.8	9.8	6.6
	DAY-HR	02-13	01-18	23-03	03-04	04-16	16-14	27-14	01-15	19-06	28-05	29-18	12-13	FEB
	# OBS	741	694	744	719	740	720	739	740	717	743	718	282	8297
1989	MEAN	-	-	8.2	10.3	12.1	-	15.2	14.0	13.3	12.5	10.7	9.2	11.6
	MAXIMUM	-	-	9.8	13.8	16.0	-	17.6	16.2	15.6	14.4	11.4	10.9	17.6
	DAY-HR	-	-	30-01	30-20	06-02	-	30-22	15-19	09-01	09-20	11-02	04-06	JUL
	MINIMUM	-	-	6.6	8.6	9.6	-	13.4	11.4	11.7	10.4	9.5	8.0	6.6
	DAY-HR	-	-	09-16	02-18	18-13	-	27-13	21-23	26-05	30-10	30-18	18-16	MAR
	# OBS	-	-	547	703	596	-	302	734	718	739	714	734	5787
1990	MEAN	8.9	7.4	8.8	10.1	10.8	13.3	13.8	14.6	16.8	12.8	11.5	10.1	11.7
	MAXIMUM	10.1	9.0	10.6	12.4	13.7	15.6	17.3	18.0	18.3	16.0	12.5	10.3	18.3
	DAY-HR	08-16	11-11	28-02	30-19	30-23	14-00	07-19	29-00	05-00	01-01	09-18	01-22	SEP
	MINIMUM	7.9	5.9	7.1	8.6	9.1	11.3	11.3	10.6	14.9	11.4	9.8	9.8	5.9
	DAY-HR	31-21	21-17	01-09	06-13	10-16	28-16	25-09	09-16	30-13	31-18	30-23	03-01	FEB
	# OBS	740	659	739	712	732	712	738	742	699	741	718	41	7973
1991	MEAN	-	8.6	8.6	9.9	11.1	11.6	13.1	13.7	13.6	11.2	9.9	9.3	11.1
	MAXIMUM	-	9.7	9.6	11.7	12.6	14.5	18.3	16.8	18.5	13.4	11.0	10.5	18.5
	DAY-HR	-	28-01	20-21	30-22	16-01	29-00	24-01	13-23	03-22	07-03	20-23	10-01	SEP
	MINIMUM	-	7.5	7.8	8.7	9.8	8.7	9.7	11.0	9.7	9.4	9.0	8.3	7.5
	DAY-HR	-	23-16	13-07	03-23	30-16	06-18	06-13	07-16	23-15	31-21	05-08	22-18	FEB
	# OBS	-	148	744	718	744	719	740	727	719	743	704	733	7439
1992	MEAN	8.9	9.8	11.0	11.5	12.1	12.8	14.5	14.1	12.2	12.3	11.2	8.9	11.6
	MAXIMUM	10.1	11.8	12.5	13.3	15.2	16.4	18.0	18.0	14.5	14.1	12.6	10.5	18.0
	DAY-HR	04-03	26-00	25-00	26-02	04-03	30-22	02-00	11-22	07-04	11-00	03-03	14-10	AUG
	MINIMUM	7.8	8.3	10.2	10.3	9.8	10.2	10.5	11.4	10.2	9.7	9.4	7.5	7.5
	DAY-HR	07-18	19-17	28-17	08-16	13-15	03-15	31-15	27-14	16-15	15-18	29-03	31-18	DEC
	# OBS	720	674	731	712	742	713	732	728	681	718	685	719	8555
1993	MEAN	7.7	8.2	9.0	10.8	13.6	14.9	14.2	15.4	12.7	11.7	10.4	8.5	11.4
	MAXIMUM	9.8	9.4	11.4	12.6	17.2	17.3	16.0	18.0	15.7	13.3	12.5	9.7	18.0
	DAY-HR	02-08	13-06	26-23	28-03	29-00	04-20	25-22	04-01	05-03	19-22	01-01	10-03	AUG
	MINIMUM	5.1	7.0	7.1	9.8	11.0	11.3	12.0	13.7	10.5	10.2	8.3	5.7	5.1
	DAY-HR	07-06	28-19	02-18	04-15	06-11	23-13	10-14	29-15	30-17	07-16	30-20	21-16	JAN
	# OBS	714	621	709	705	725	685	722	722	691	724	695	713	8426
1994	MEAN	8.8	8.3	9.6	11.0	12.4	14.1	12.4	16.9	13.3	-	9.5	8.7	11.3
	MAXIMUM	9.5	9.5	11.0	12.8	14.8	16.7	15.2	19.1	14.1	-	10.2	9.5	19.1
	DAY-HR	14-23	28-23	31-02	27-22	21-22	27-02	31-22	15-23	02-01	-	30-05	23-13	AUG
	MINIMUM	7.4	7.0	8.7	9.4	10.5	11.0	9.7	13.7	12.8	-	8.2	7.3	7.0
	DAY-HR	31-18	08-11	25-15	06-18	28-18	30-15	18-10	01-14	01-16	-	28-20	09-16	FEB
	# OBS	736	644	726	715	734	714	732	738	74	-	219	731	6763

1995	MEAN	8.7	9.6	9.7	10.9	11.9	12.3	15.2	13.5	-	-	11.3	10.5	11.4
	MAXIMUM	9.8	10.6	11.9	13.4	13.6	16.0	18.2	16.5	-	-	13.2	11.7	18.2
	DAY-HR	31-23	28-23	29-21	30-23	15-00	30-19	01-01	25-01	-	-	20-17	02-11	JUL
	MINIMUM	7.0	7.7	8.2	9.8	10.2	9.4	12.5	10.5	-	-	10.6	8.2	7.0
	DAY-HR	07-13	21-17	07-16	16-16	31-17	02-17	09-18	08-11	-	-	27-13	07-12	JAN
	# OBS	734	662	736	717	742	717	729	654	-	-	243	741	6675
1996	MEAN	9.5	8.6	9.7	10.6	11.5	12.5	12.9	12.0	14.7	12.5	10.3	9.3	11.2
	MAXIMUM	11.3	10.2	10.7	12.5	13.4	17.0	16.8	15.0	16.8	14.9	11.4	10.5	17.0
	DAY-HR	15-07	23-14	25-22	08-02	25-00	28-21	01-00	06-23	10-23	09-01	01-23	13-21	JUN
	MINIMUM	7.0	6.4	8.2	8.9	9.8	9.5	9.4	8.9	12.9	10.5	8.6	7.1	6.4
	DAY-HR	31-23	01-18	01-07	02-16	08-15	17-13	09-06	10-16	30-23	31-16	21-22	29-11	FEB
	# OBS	736	689	740	732	741	717	827	787	716	732	689	736	8842
1997	MEAN	8.7	8.3	8.7	9.9	13.0	15.6	-	-	-	-	-	-	10.2
	MAXIMUM	10.3	9.4	9.8	12.1	16.0	17.5	-	-	-	-	-	-	17.5
	DAY-HR	03-02	24-01	25-00	30-03	30-12	06-01	-	-	-	-	-	-	JUN
	MINIMUM	7.0	7.4	7.5	8.6	9.8	14.4	-	-	-	-	-	-	7.0
	DAY-HR	26-14	10-13	08-14	06-14	04-05	02-05	-	-	-	-	-	-	JAN
	# OBS	738	658	737	710	741	295	-	-	-	-	-	-	3879
1998	MEAN	-	-	-	-	-	12.6	13.8	14.0	12.4	12.6	11.9	-	12.9
	MAXIMUM	-	-	-	-	-	14.4	16.5	16.5	14.5	13.7	12.6	-	16.5
	DAY-HR	-	-	-	-	-	28-05	19-00	03-02	19-03	06-23	15-11	-	AUG
	MINIMUM	-	-	-	-	-	11.3	11.7	10.9	10.1	11.7	10.0	-	10.0
	DAY-HR	-	-	-	-	-	18-11	10-18	31-16	04-16	12-00	18-18	-	NOV
	# OBS	-	-	-	-	-	380	732	785	707	742	717	-	4063
1999	MEAN	-	-	-	-	-	13.3	12.6	14.7	12.4	11.2	11.0	10.3	12.2
	MAXIMUM	-	-	-	-	-	14.9	14.9	17.2	15.0	12.9	12.1	11.0	17.2
	DAY-HR	-	-	-	-	-	26-04	11-02	14-22	13-22	25-00	23-23	10-09	AUG
	MINIMUM	-	-	-	-	-	12.1	10.6	11.8	10.2	9.8	9.7	8.2	8.2
	DAY-HR	-	-	-	-	-	27-18	14-14	10-15	29-19	29-10	06-04	29-20	DEC
	# OBS	-	-	-	-	-	174	739	737	665	599	594	641	4149
2000	MEAN	9.0	8.7	9.3	9.7	11.7	12.9	13.8	14.0	14.0	12.1	10.4	9.2	11.4
	MAXIMUM	10.3	10.2	10.4	11.0	14.1	15.3	16.8	15.9	15.8	14.5	12.0	10.6	16.8
	DAY-HR	02-06	28-01	30-23	21-06	17-04	16-22	29-21	12-23	26-01	02-23	01-01	02-22	JUL
	MINIMUM	7.3	7.4	8.6	8.3	9.7	11.0	11.7	12.1	12.5	10.9	8.7	7.4	7.3
	DAY-HR	28-18	16-17	07-11	06-17	03-08	30-14	02-16	11-15	09-10	29-18	23-10	06-11	JAN
	# OBS	576	570	669	645	689	672	735	680	598	719	718	379	7650
2001	MEAN	-	-	8.8	9.3	10.8	12.6	12.8	14.0	13.8	11.5	10.4	9.9	11.6
	MAXIMUM	-	-	9.5	11.0	12.9	15.6	15.2	16.1	16.0	13.4	11.3	10.9	16.1
	DAY-HR	-	-	30-22	28-00	29-23	07-01	22-21	27-00	08-21	01-01	25-21	03-16	AUG
	MINIMUM	-	-	8.2	8.6	9.5	11.0	11.0	12.1	11.0	9.5	9.4	8.9	8.2
	DAY-HR	-	-	29-15	09-12	05-07	19-12	12-06	03-06	16-05	31-17	01-20	20-12	MAR
	# OBS	-	-	199	717	741	714	744	738	714	730	699	723	6719
POR	MEAN	8.7	8.6	9.3	10.4	12.0	13.0	13.5	14.0	13.3	12.2	10.9	9.4	11.5
	MAXIMUM	11.3	11.8	12.5	13.8	17.2	17.5	18.3	19.1	18.5	16.0	13.3	11.7	19.1
	YEAR	1996	1992	1992	1989	1993	1997	1991	1994	1991	1990	1987	1995	AUG/1994
	MINIMUM	5.1	5.9	6.6	8.3	9.1	8.7	8.6	8.9	9.7	9.4	8.2	5.7	5.1
	YEAR	1993	1990	1989	2000	1990	1991	1988	1996	1991	1991	1994	1993	JAN/1993
	# OBS	6435	6019	8021	8505	8667	8439	9952	10255	8375	8673	8826	7916	100083

STATION: 46041 -- POR (3/1989 - 9/1992)

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
1989	MEAN	-	-	4.9	7.0	8.2	-	12.7	12.8	11.7	9.7	7.3	6.3	8.8
	MAXIMUM	-	-	8.5	11.6	14.7	-	14.6	15.0	14.0	13.6	12.5	11.8	15.0
	DAY-HR	-	-	11-12	30-20	06-04	-	29-04	14-01	09-06	08-21	09-14	04-10	AUG
	MINIMUM	-	-	1.3	1.7	2.8	-	9.6	10.4	7.9	3.3	0.7	1.3	0.7
	DAY-HR	-	-	22-16	02-10	18-07	-	28-13	12-13	18-13	16-15	13-03	11-16	NOV
	# OBS	-	-	548	708	599	-	303	734	718	739	715	734	5798
1990	MEAN	5.1	2.9	4.2	-	-	-	-	13.9	13.2	8.5	7.0	2.6	7.4
	MAXIMUM	10.7	8.9	8.6	-	-	-	-	16.1	16.1	14.8	12.6	6.3	16.1
	DAY-HR	07-06	11-02	15-01	-	-	-	-	30-23	05-00	04-13	10-07	03-01	SEP
	MINIMUM	-1.0	-7.5	-2.9	-	-	-	-	11.4	8.5	2.1	-1.1	-0.2	-7.5
	DAY-HR	31-02	14-12	08-01	-	-	-	-	11-16	30-00	17-07	30-12	02-00	FEB
	# OBS	740	660	348	-	-	-	-	175	701	741	718	41	4124
1991	MEAN	-	6.2	4.1	-	-	9.8	11.1	-	-	-	-	-	8.9
	MAXIMUM	-	8.3	9.7	-	-	12.5	14.1	-	-	-	-	-	14.1
	DAY-HR	-	26-01	03-09	-	-	30-11	21-15	-	-	-	-	-	JUL

1995	MEAN	1006.9	1017.6	1011.0	1015.5	1016.0	1017.0	1017.6	1015.3	-	-	1012.0	1012.5	1014.3
	MAXIMUM	1020.8	1026.9	1033.6	1029.6	1026.6	1025.1	1028.3	1022.3	-	-	1025.4	1026.3	1033.6
	DAY-HR	19-18	03-19	26-19	21-22	18-19	23-17	30-19	13-07	-	-	27-07	31-22	MAR
	MINIMUM	985.8	998.1	975.4	994.1	1004.0	1006.2	1006.9	995.9	-	-	1001.8	958.8	958.8
	DAY-HR	10-02	15-10	09-21	07-11	01-18	17-14	26-09	07-01	-	-	30-02	13-00	DEC
	# OBS	734	662	738	717	742	718	729	648	-	-	243	741	6672
1996	MEAN	1012.8	1011.4	1017.5	1014.8	1017.2	1019.1	1017.7	1017.3	1015.7	1015.3	1015.2	1008.2	1015.2
	MAXIMUM	1029.6	1026.2	1031.4	1033.0	1027.6	1025.8	1027.3	1023.5	1024.2	1034.0	1030.7	1039.4	1039.4
	DAY-HR	10-19	11-19	16-08	27-22	24-06	29-16	05-20	21-21	22-22	27-03	26-04	14-19	DEC
	MINIMUM	987.7	979.4	992.5	990.6	993.6	1007.2	1010.1	1008.5	998.3	994.9	991.3	976.0	976.0
	DAY-HR	19-04	20-10	04-23	16-18	17-21	23-15	15-02	27-02	15-08	17-23	19-17	10-10	DEC
	# OBS	736	686	740	732	741	717	827	787	716	733	689	736	8840
1997	MEAN	1014.8	1021.2	1016.1	1017.6	1016.4	1014.3	-	-	-	-	-	-	1016.9
	MAXIMUM	1030.4	1036.6	1029.3	1036.5	1027.2	1020.5	-	-	-	-	-	-	1036.6
	DAY-HR	06-03	24-18	13-22	02-11	07-15	08-17	-	-	-	-	-	-	FEB
	MINIMUM	976.4	1002.0	990.6	996.4	1006.2	1002.5	-	-	-	-	-	-	976.4
	DAY-HR	01-03	17-04	15-23	20-07	03-03	03-16	-	-	-	-	-	-	JAN
	# OBS	738	658	737	710	741	290	-	-	-	-	-	-	3874
1998	MEAN	-	-	-	-	-	1018.2	1017.6	1019.8	1015.1	1016.4	1009.1	-	1015.9
	MAXIMUM	-	-	-	-	-	1029.7	1022.8	1026.6	1022.5	1030.5	1023.5	-	1030.5
	DAY-HR	-	-	-	-	-	14-17	06-23	12-17	11-18	18-21	18-20	-	OCT
	MINIMUM	-	-	-	-	-	1006.2	1011.7	1014.8	1007.6	1003.5	978.6	-	978.6
	DAY-HR	-	-	-	-	-	24-18	14-18	25-11	25-22	08-13	24-04	-	NOV
	# OBS	-	-	-	-	-	380	732	786	708	743	713	-	4062
1999	MEAN	-	-	-	-	-	1017.2	1018.1	1016.3	1018.1	1018.8	1012.5	1021.3	1017.5
	MAXIMUM	-	-	-	-	-	1023.5	1026.6	1025.0	1029.1	1035.4	1037.3	1036.6	1037.3
	DAY-HR	-	-	-	-	-	27-23	11-19	21-22	26-20	31-21	01-06	24-18	NOV
	MINIMUM	-	-	-	-	-	1008.6	1008.6	1010.0	1007.3	985.9	997.6	998.0	985.9
	DAY-HR	-	-	-	-	-	24-13	03-12	11-02	25-04	28-07	19-21	02-09	OCT
	# OBS	-	-	-	-	-	174	740	737	666	599	595	643	4154
2000	MEAN	1015.3	1012.0	1018.8	1018.0	1016.3	1018.5	1018.6	1018.2	1016.5	1014.5	1018.9	1017.6	1017.0
	MAXIMUM	1033.4	1028.6	1035.1	1033.6	1026.6	1028.2	1026.1	1026.7	1026.6	1028.5	1029.8	1028.5	1035.1
	DAY-HR	27-19	02-20	31-20	01-00	31-23	15-16	15-07	16-00	06-20	22-19	17-19	05-19	MAR
	MINIMUM	984.8	992.7	1005.3	1005.3	1001.2	1001.3	1012.5	1010.2	1005.0	990.3	997.1	992.0	984.8
	DAY-HR	16-20	22-15	16-10	27-14	10-13	12-09	27-11	31-23	08-13	28-04	29-16	15-00	JAN
	# OBS	577	570	669	645	689	673	736	684	602	717	718	379	7659
2001	MEAN	-	-	1017.8	1016.5	1020.9	1019.3	1019.4	1017.2	1016.9	1018.0	1011.7	1011.5	1016.9
	MAXIMUM	-	-	1027.3	1025.5	1035.0	1028.3	1025.0	1026.6	1026.6	1030.2	1028.2	1031.7	1035.0
	DAY-HR	-	-	27-06	14-08	02-21	18-18	13-20	07-19	07-20	18-07	27-11	07-11	MAY
	MINIMUM	-	-	1004.6	1005.6	1005.5	1005.7	1012.5	1006.3	1007.4	998.6	981.5	980.3	980.3
	DAY-HR	-	-	25-01	06-17	16-00	27-12	16-12	22-12	26-14	31-06	28-17	01-20	DEC
	# OBS	-	-	199	717	741	714	744	738	715	731	699	730	6728
POR	MEAN	1014.4	1015.9	1016.4	1016.5	1017.0	1017.7	1018.3	1017.6	1017.4	1017.5	1015.8	1015.6	1016.8
	MAXIMUM	1039.6	1036.6	1035.1	1036.5	1035.0	1029.7	1030.3	1029.3	1029.3	1035.4	1037.7	1039.4	1039.6
	YEAR	1988	1997	2000	1997	2001	1998	1988	1993	1991	1999	1993	1996	JAN/1988
	MINIMUM	976.4	979.4	975.4	990.6	993.6	999.0	1005.8	995.9	998.3	984.3	978.6	958.8	958.8
	YEAR	1997	1996	1995	1996	1996	1994	1987	1995	1996	1992	1998	1995	DEC/1995
	# OBS	6442	6016	8033	8513	8673	8446	9955	10255	8381	8677	8829	7932	100152

STATION: 46041 -- POR (6/1987 - 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
1987	MEAN	-	-	-	-	-	8.6	7.1	6.4	5.4	5.9	12.2	13.4	8.4
	MAXIMUM	-	-	-	-	-	19.4	21.4	19.4	25.3	19.4	35.0	36.9	36.9
	DAY-HR	-	-	-	-	-	26-05	14-05	23-03	14-15	31-13	30-17	08-09	DEC
	MINIMUM	-	-	-	-	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	DAY-HR	-	-	-	-	-	30-06	29-17	31-23	30-18	31-22	29-04	30-22	DEC
	# OBS	-	-	-	-	-	507	742	743	676	743	714	743	4868
1988	MEAN	13.2	8.3	10.6	8.1	8.1	7.9	7.2	5.1	5.3	6.3	12.7	9.4	8.5
	MAXIMUM	31.1	29.2	31.1	29.2	23.3	29.2	19.4	15.6	25.3	21.4	29.2	19.4	31.1
	DAY-HR	14-19	13-06	22-21	05-18	02-12	02-22	26-22	24-05	19-03	30-05	22-13	13-05	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	31-17	29-00	31-10	27-18	29-17	30-19	29-07	29-20	30-23	30-18	26-15	11-03	DEC
	# OBS	741	695	744	719	740	720	740	740	717	743	716	286	8301
1989	MEAN	-	-	11.8	10.0	9.0	-	7.1	6.5	5.7	9.1	10.7	8.8	8.7
	MAXIMUM	-	-	29.2	27.2	22.0	-	22.9	18.7	15.9	27.2	26.6	27.8	29.2

	DAY-HR	-	-	27-21	29-13	14-13	27-21	06-04	21-22	26-15	23-07	28-15	01-09	NOV
	MINIMUM	-	-	0.4	0.6	0.0	0.2	0.0	0.0	0.0	0.2	0.8	1.7	0.0
	DAY-HR	-	-	30-16	10-18	31-03	22-20	31-14	18-08	08-16	05-05	05-08	19-12	SEP
	# OBS	-	-	199	716	741	714	744	739	716	736	715	743	6763
POR	MEAN	12.8	10.2	10.7	10.4	9.3	8.6	7.6	7.3	7.0	9.1	12.8	13.7	9.8
	MAXIMUM	42.4	35.6	39.1	32.7	30.9	29.2	24.1	31.7	25.3	37.3	41.2	40.0	42.4
	YEAR	2000	2000	1994	1996	1996	1988	1998	1991	1988	1996	1998	2001	JAN/2000
	MINIMUM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	YEAR	2000	2000	2000	2000	2001	2000	2001	2001	2001	2000	2000	2000	SEP/2001
	# OBS	6452	5767	7367	7796	8551	7998	9226	9907	8410	8683	8861	7946	96964

STATION: 46041 -- POR (6/1987 - 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
1987	MEAN	-	-	-	-	-	11.0	8.9	8.1	7.2	7.8	15.7	17.9	11.0
	MAXIMUM	-	-	-	-	-	25.3	27.2	23.3	29.2	23.3	42.8	50.5	50.5
	DAY-HR	-	-	-	-	-	26-02	04-21	23-03	14-15	31-13	30-18	08-07	DEC
	# OBS	-	-	-	-	-	507	741	743	676	743	712	743	4865
1988	MEAN	17.1	11.0	14.0	11.0	10.7	10.1	8.9	6.6	7.2	8.3	17.0	12.0	11.1
	MAXIMUM	40.8	38.9	40.8	38.9	33.0	35.0	25.3	19.4	33.0	25.3	36.9	25.3	40.8
	DAY-HR	14-19	13-05	22-21	02-22	03-15	02-22	12-18	24-05	19-04	13-11	22-13	06-15	MAR
	# OBS	740	693	743	719	740	720	739	740	716	743	715	279	8287
1989	MEAN	-	-	14.9	12.5	11.5	-	8.8	8.1	7.3	11.5	13.7	11.5	11.1
	MAXIMUM	-	-	36.7	37.3	27.0	-	27.2	22.6	19.1	34.2	32.7	34.0	37.3
	DAY-HR	-	-	27-01	01-16	17-17	-	23-02	30-03	20-03	23-01	23-12	04-05	APR
	# OBS	-	-	546	702	592	-	302	734	717	738	715	730	5776
1990	MEAN	17.9	15.6	12.4	11.1	11.5	12.3	9.6	9.5	9.4	15.2	18.2	22.9	13.0
	MAXIMUM	40.6	42.2	37.3	33.0	32.1	31.1	24.3	22.0	23.9	37.3	38.9	40.4	42.2
	DAY-HR	29-04	05-05	09-21	28-08	22-01	03-03	09-03	31-03	29-12	27-23	23-21	02-02	FEB
	# OBS	736	660	738	712	731	711	738	742	699	739	717	41	7964
1991	MEAN	-	6.2	12.8	13.1	12.7	10.2	9.8	10.8	8.5	9.1	15.7	16.4	11.8
	MAXIMUM	-	15.0	35.4	37.9	29.4	24.1	24.1	38.3	25.1	35.0	44.9	37.9	44.9
	DAY-HR	-	23-05	02-12	03-14	29-22	16-06	03-10	29-19	19-06	16-13	29-02	12-18	NOV
	# OBS	-	148	743	719	743	717	739	724	719	742	700	731	7425
1992	MEAN	19.5	13.7	10.0	13.5	11.1	10.9	9.6	8.7	9.4	13.3	17.3	18.2	12.9
	MAXIMUM	50.7	37.9	28.2	32.5	30.5	26.0	23.5	23.1	25.1	38.1	41.2	40.2	50.7
	DAY-HR	31-22	21-15	27-12	16-11	06-00	22-00	16-04	12-03	23-17	29-19	21-11	08-11	JAN
	# OBS	714	672	730	709	741	711	729	726	670	702	671	708	8483
1993	MEAN	14.0	11.0	13.6	16.4	12.3	11.3	8.4	9.5	8.2	7.8	12.2	15.5	11.7
	MAXIMUM	37.3	26.6	40.6	35.0	38.5	31.9	21.8	28.8	22.4	31.3	42.6	47.0	47.0
	DAY-HR	20-18	04-16	04-09	25-12	07-16	09-11	22-04	02-01	29-21	23-23	15-15	10-08	DEC
	# OBS	710	613	699	694	721	675	714	704	678	716	691	703	8318
1994	MEAN	12.2	16.0	14.1	13.4	11.4	11.2	9.3	8.5	11.4	-	20.9	20.6	13.2
	MAXIMUM	34.0	43.5	49.0	33.8	31.5	35.6	23.5	22.6	30.9	-	40.2	44.9	49.0
	DAY-HR	01-01	13-05	21-08	08-22	28-22	13-03	17-03	31-23	03-04	-	25-04	19-13	MAR
	# OBS	737	642	725	715	734	713	725	737	73	-	219	723	6743
1995	MEAN	17.6	10.1	7.9	-	11.4	11.1	9.3	9.2	-	-	18.4	19.7	13.1
	MAXIMUM	39.9	24.9	14.6	-	27.4	31.9	24.3	34.6	-	-	35.4	50.5	50.5
	DAY-HR	08-14	01-03	02-06	-	11-08	12-15	31-05	07-03	-	-	23-17	13-00	DEC
	# OBS	734	397	68	-	615	712	728	651	-	-	243	741	4889
1996	MEAN	16.4	14.9	11.9	16.0	12.1	9.8	9.8	8.9	10.0	13.9	13.2	18.8	12.9
	MAXIMUM	36.9	44.3	28.6	42.6	38.3	22.6	24.5	23.5	27.8	46.7	34.4	43.9	46.7
	DAY-HR	06-03	05-15	31-22	24-00	18-03	14-03	18-15	09-07	13-13	17-23	28-02	07-15	OCT
	# OBS	736	689	740	732	741	717	827	787	716	732	689	736	8842
1997	MEAN	15.3	12.7	17.3	12.4	10.9	11.9	-	-	-	-	-	-	13.6
	MAXIMUM	46.1	43.7	52.5	37.5	33.8	29.7	-	-	-	-	-	-	52.5
	DAY-HR	01-10	12-11	30-22	30-19	03-00	03-22	-	-	-	-	-	-	MAR
	# OBS	738	658	737	710	736	294	-	-	-	-	-	-	3873
1998	MEAN	-	-	-	-	-	9.8	9.5	8.8	9.1	13.4	20.9	-	12.0
	MAXIMUM	-	-	-	-	-	25.7	29.5	23.7	22.9	32.9	53.3	-	53.3
	DAY-HR	-	-	-	-	-	15-15	14-19	13-03	18-05	31-11	25-02	-	NOV
	# OBS	-	-	-	-	-	380	730	786	707	740	712	-	4055
1999	MEAN	-	-	-	-	-	8.6	9.9	9.0	8.8	12.4	17.5	16.4	12.0

1998	MEAN	-	-	-	-	-	-	1.7	1.3	1.2	1.8	2.2	3.3	-	1.9
	MAXIMUM	-	-	-	-	-	-	3.2	2.8	2.2	3.3	4.7	7.9	-	7.9
	DAY-HR	-	-	-	-	-	-	16-08	15-02	24-03	12-17	24-18	24-09	-	NOV
	# OBS	-	-	-	-	-	-	373	718	759	680	731	692	-	3953
1999	MEAN	-	-	-	-	-	-	1.7	1.4	1.2	1.8	2.2	3.3	3.0	2.1
	MAXIMUM	-	-	-	-	-	-	2.6	4.2	2.5	5.4	8.8	7.6	6.3	8.8
	DAY-HR	-	-	-	-	-	-	30-06	14-08	29-14	25-14	28-12	09-17	09-05	OCT
	# OBS	-	-	-	-	-	-	169	698	658	642	584	575	606	3932
2000	MEAN	2.7	2.9	3.3	1.9	1.9	1.6	1.2	1.5	1.5	2.6	2.7	2.6	2.6	2.2
	MAXIMUM	9.6	7.5	6.3	5.1	4.6	3.9	2.3	2.8	4.0	8.2	5.2	7.9	9.6	9.6
	DAY-HR	16-22	02-10	03-09	28-08	04-00	12-10	27-21	20-03	09-04	28-20	30-16	15-07	JAN	JAN
	# OBS	525	536	652	630	683	661	704	592	455	699	712	375	7224	7224
2001	MEAN	-	-	2.5	2.1	2.0	1.3	1.3	1.5	2.0	2.7	3.2	3.7	2.2	2.2
	MAXIMUM	-	-	4.9	4.4	5.7	3.1	2.7	4.2	4.9	10.3	8.4	9.6	10.3	10.3
	DAY-HR	-	-	26-06	29-16	01-18	28-02	25-04	23-00	02-07	23-13	21-17	14-15	OCT	OCT
	# OBS	-	-	199	709	729	708	741	721	709	724	689	721	6650	6650
POR	MEAN	2.8	2.6	2.5	2.2	1.8	1.5	1.3	1.3	1.6	2.2	2.9	3.1	2.1	2.1
	MAXIMUM	9.6	9.9	8.9	6.5	5.7	7.4	4.2	4.8	5.4	10.3	9.2	9.6	10.3	10.3
	YEAR	2000	1992	1995	1996	2001	1988	1999	1991	1999	2001	1988	2001	OCT/2001	OCT/2001
	# OBS	6289	5928	7946	8426	8592	8351	9792	9965	8101	8540	8654	7749	98333	98333

STATION: 46041

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	0.6	*	*	*	-	*	*	-	*	*	*	*	*	0.9	58
1 - 3		0.4	0.6	0.9	1.1	0.7	0.6	0.5	0.4	0.3	0.2	0.3	0.4	6.6	424
4 - 6		0.7	0.9	2.4	2.4	2.3	1.9	0.9	0.7	0.6	0.5	0.4	0.6	14.5	937
7 - 10		0.5	0.5	1.6	2.1	4.2	3.6	1.7	1.1	0.9	1.2	1.2	0.6	19.2	1236
11 - 15		0.3	0.2	0.2	1.1	9.1	4.5	2.0	1.7	1.1	1.5	1.5	0.7	23.9	1539
16 - 20		0.1	-	0.1	0.9	7.0	3.3	2.4	1.6	1.1	1.2	1.4	0.9	19.8	1278
21 - 24		-	-	-	0.5	2.8	1.3	1.5	0.7	0.4	0.5	0.9	0.4	9.0	580
25 - 33		-	-	-	0.2	2.6	1.1	1.1	0.4	0.2	0.2	0.2	0.1	5.9	383
34 - 47		-	-	-	-	*	0.1	0.1	*	-	-	-	-	0.3	17
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.6	2.0	2.2	5.3	8.3	28.8	16.4	10.2	6.6	4.6	5.3	6.0	3.6	100.0	
TOTAL N	41	132	144	339	534	1855	1057	655	428	298	344	390	235	6452	

(* < 0.05%)

STATION: 46041

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	2.5	*	*	0.1	0.1	0.1	*	*	-	*	*	0.1	*	2.9	166
1 - 3		1.0	1.0	1.3	1.4	1.0	1.0	0.7	0.5	0.5	0.5	0.8	0.9	10.5	603
4 - 6		2.1	1.7	3.6	3.1	2.6	2.2	1.2	0.5	0.6	0.7	1.2	1.9	21.4	1234
7 - 10		1.5	0.7	2.2	2.2	4.9	4.5	1.9	1.2	0.8	0.8	0.9	1.9	23.6	1360
11 - 15		1.1	0.4	0.3	0.8	5.9	3.6	1.8	1.4	1.0	1.5	1.1	1.6	20.5	1182
16 - 20		0.3	*	*	0.4	4.1	2.1	1.4	1.4	1.1	0.9	1.1	0.6	13.4	773
21 - 24		*	-	-	0.1	1.0	0.6	1.1	0.7	0.3	0.2	0.4	0.2	4.5	262
25 - 33		-	-	-	0.1	0.8	0.8	0.9	0.2	0.1	0.2	0.1	-	3.2	185
34 - 47		-	-	-	-	-	*	*	-	-	-	-	-	0.0	2
> 48		-	-	-	*	-	-	-	-	-	-	-	-	0.0	1
TOTAL %	2.5	5.9	3.9	7.5	8.1	20.3	14.9	8.9	5.9	4.4	4.8	5.7	7.1	100.0	
TOTAL N	142	342	223	434	469	1172	858	514	343	253	279	330	409	5768	

(* < 0.05%)

STATION: 46041

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	1.0	-	*	*	*	*	0.1	*	-	-	*	0.1	0.1	1.3	97
1 - 3		0.7	0.6	0.8	0.9	0.7	0.7	0.6	0.4	0.4	0.6	0.5	0.7	7.7	564
4 - 6		1.4	1.0	2.7	2.4	1.8	1.6	1.7	1.2	0.9	1.2	1.4	2.3	19.7	1448
7 - 10		2.3	0.7	1.9	1.6	2.9	3.1	2.7	1.7	1.5	1.6	2.5	4.3	26.7	1969
11 - 15		1.3	0.1	0.3	0.7	3.5	3.6	2.8	2.2	1.4	2.2	2.1	3.1	23.2	1708
16 - 20		0.2	*	-	0.2	3.2	2.4	1.5	1.1	0.7	1.2	1.8	1.6	13.8	1019

21 - 24	*	-	-	0.1	1.1	1.2	0.8	0.3	0.3	0.4	0.4	0.2	4.7	349
25 - 33	-	-	-	-	0.4	1.4	0.5	0.2	0.2	0.1	*	-	2.8	208
34 - 47	-	-	-	-	-	*	*	-	*	-	-	-	0.1	5
> 48	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	1.0	5.8	2.4	5.7	5.9	13.4	14.2	10.6	7.0	5.4	7.4	8.9	12.3	100.0
TOTAL N	70	428	177	417	437	988	1045	784	518	399	543	655	906	7367

(* < 0.05%)

STATION: 46041

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

Month: APR

		WIND DIRECTION												TOT %	TOT N
WIND SPEED	CALM	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
0	1.4	*	0.1	*	*	0.1	*	0.1	*	*	*	0.1	*	1.9	148
1 - 3		0.7	0.5	0.5	0.5	0.3	0.6	0.7	0.9	0.5	0.8	0.9	0.8	7.7	597
4 - 6		1.2	0.7	1.4	1.2	0.9	1.6	1.7	1.7	1.3	1.7	2.5	2.2	18.2	1415
7 - 10		1.5	0.3	1.6	0.9	2.0	3.1	3.6	2.4	1.6	2.2	3.8	4.0	27.0	2107
11 - 15		1.2	*	0.2	0.5	3.0	4.4	4.1	2.1	1.7	1.6	3.9	4.5	27.2	2121
16 - 20		0.3	-	-	0.1	2.2	2.5	2.3	0.9	0.7	0.7	1.8	1.8	13.3	1035
21 - 24		*	-	-	0.1	0.9	0.9	0.6	0.2	0.1	0.1	0.3	0.2	3.5	275
25 - 33		-	-	-	*	0.3	0.4	0.4	0.1	-	-	*	-	1.3	98
34 - 47		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	1.4	4.9	1.6	3.8	3.3	9.7	13.5	13.6	8.2	6.0	7.1	13.3	13.4	100.0	
TOTAL N	113	381	128	297	261	760	1053	1059	640	468	555	1034	1047	7796	

(* < 0.05%)

STATION: 46041

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

Month: MAY

		WIND DIRECTION												TOT %	TOT N
WIND SPEED	CALM	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
0	1.5	0.1	*	*	*	*	*	0.1	*	*	*	0.1	*	2.0	170
1 - 3		0.9	0.6	0.6	0.5	0.7	0.5	0.9	1.0	1.1	1.0	1.1	1.1	10.0	859
4 - 6		1.8	0.9	1.2	1.1	0.9	1.2	1.7	2.0	2.0	2.4	3.0	3.1	21.2	1816
7 - 10		2.5	0.3	0.5	0.6	1.2	1.9	2.5	2.6	1.7	2.0	4.7	7.2	27.8	2375
11 - 15		1.9	*	-	0.2	1.5	2.7	2.9	1.6	0.7	1.2	4.8	9.8	27.4	2345
16 - 20		0.2	-	-	*	1.0	1.5	1.2	0.3	0.3	0.4	1.8	3.2	10.0	859
21 - 24		*	-	-	*	0.2	0.3	0.2	*	*	0.1	0.1	0.4	1.3	110
25 - 33		-	-	-	-	*	0.1	0.1	-	-	*	*	*	0.2	17
34 - 47		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	1.5	7.4	1.8	2.3	2.4	5.7	8.3	9.6	7.6	6.0	7.1	15.5	24.9	100.0	
TOTAL N	127	633	155	198	209	484	707	821	651	511	604	1323	2128	8551	

(* < 0.05%)

STATION: 46041

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

Month: JUN

		WIND DIRECTION												TOT %	TOT N
WIND SPEED	CALM	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
0	1.1	*	*	*	*	0.1	*	0.1	0.1	0.1	*	*	0.1	1.6	124
1 - 3		1.0	0.6	0.6	0.6	0.8	0.7	0.9	0.8	1.0	1.0	1.2	1.5	10.6	847
4 - 6		2.2	0.4	0.6	0.6	0.7	1.7	2.4	1.7	1.4	2.2	3.8	4.6	22.3	1787
7 - 10		3.2	0.2	0.2	0.3	1.2	3.5	3.4	1.8	1.1	2.0	6.1	11.5	34.7	2771
11 - 15		1.5	-	-	0.1	1.1	2.0	1.4	0.8	0.6	0.6	3.7	11.1	22.9	1833
16 - 20		0.2	-	-	*	0.4	1.0	0.3	0.1	0.2	0.2	0.8	3.8	7.1	569
21 - 24		-	-	-	-	0.1	0.2	0.1	*	0.1	*	-	0.1	0.6	51
25 - 33		-	-	-	-	0.1	0.1	*	-	-	-	-	-	0.2	15
34 - 47		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	1.1	8.2	1.3	1.4	1.7	4.4	9.4	8.5	5.3	4.5	6.0	15.6	32.7	100.0	
TOTAL N	86	653	101	114	133	354	748	683	420	359	482	1247	2617	7997	

(* < 0.05%)

STATION: 46041

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

Month: JUL

		WIND DIRECTION												TOT %	TOT N
WIND SPEED	CALM	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
0	2.0	*	*	0.1	0.1	*	0.1	*	0.1	*	0.1	0.1	0.1	2.6	241
1 - 3		1.4	0.8	0.6	0.8	1.0	1.2	1.2	1.2	1.3	1.8	1.8	2.1	15.2	1403

4 - 6	3.0	0.5	0.2	0.4	1.2	2.8	2.3	1.6	1.2	2.2	5.0	6.8	27.2	2509
7 - 10	2.6	0.1	*	0.1	1.0	2.4	1.4	0.5	0.4	1.0	5.6	15.2	30.4	2801
11 - 15	1.2	*	-	*	0.6	0.9	0.3	0.1	0.1	0.2	2.0	13.8	19.2	1775
16 - 20	0.3	-	-	-	0.4	0.2	*	-	-	-	0.3	4.0	5.2	479
21 - 24	-	-	-	-	-	0.1	-	-	-	-	*	*	0.2	16
25 - 33	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
34 - 47	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	2.0	8.5	1.5	0.9	1.4	4.2	7.6	5.2	3.4	3.0	5.2	14.8	42.1	100.0
TOTAL N	182	785	140	79	133	386	705	484	317	277	483	1368	3885	9224

(* < 0.05%)

STATION: 46041

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

Month: AUG

		WIND DIRECTION												TOT %	TOT N
WIND SPEED	CALM	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
0	2.3	*	0.1	*	0.1	*	*	0.1	0.1	0.1	*	*	0.1	2.8	279
1 - 3		1.8	1.0	1.0	1.1	0.9	1.2	1.6	1.4	1.3	1.5	2.0	2.4	17.1	1695
4 - 6		3.1	0.7	0.8	0.9	2.0	3.0	2.6	1.8	1.0	2.0	4.7	7.1	29.9	2960
7 - 10		3.2	0.1	0.2	0.2	1.7	3.5	1.5	0.6	0.3	0.7	4.2	12.5	28.7	2846
11 - 15		1.5	-	-	*	0.7	2.1	0.7	0.1	0.1	0.1	1.2	10.7	17.2	1701
16 - 20		0.1	-	-	-	0.1	0.6	0.3	*	-	-	0.1	2.4	3.6	360
21 - 24		-	-	-	-	*	0.3	*	-	-	-	-	0.1	0.4	44
25 - 33		-	-	-	-	0.1	0.1	0.1	-	-	-	-	*	0.2	19
34 - 47		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	2.3	9.8	1.9	2.0	2.3	5.4	10.9	6.8	3.9	2.7	4.4	12.3	35.4	100.0	
TOTAL N	223	973	193	199	224	535	1076	674	388	268	431	1216	3504		9904

(* < 0.05%)

STATION: 46041

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

Month: SEP

		WIND DIRECTION												TOT %	TOT N
WIND SPEED	CALM	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
0	3.0	0.1	*	0.1	*	*	*	-	*	*	0.1	0.1	0.1	3.6	299
1 - 3		2.1	1.9	1.6	1.4	1.3	1.2	0.9	0.8	0.8	1.4	1.8	2.5	17.6	1480
4 - 6		4.2	1.5	2.0	1.8	2.0	2.4	1.5	0.9	1.1	1.6	3.9	7.0	29.9	2515
7 - 10		3.8	0.4	0.6	0.6	2.0	2.5	1.6	0.5	0.4	0.7	3.9	13.0	29.9	2510
11 - 15		1.1	0.1	*	0.1	1.1	2.0	0.7	0.2	0.2	0.1	1.5	8.0	15.1	1266
16 - 20		0.2	*	-	-	0.4	1.0	0.3	0.1	*	0.1	0.2	1.4	3.7	308
21 - 24		-	-	-	-	*	0.1	0.1	-	-	*	*	*	0.3	24
25 - 33		-	-	-	-	-	0.1	-	-	-	-	-	-	0.1	5
34 - 47		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48		-	-	*	-	-	-	-	-	-	-	-	-	0.0	1
TOTAL %	3.0	11.4	3.8	4.3	3.9	6.9	9.2	5.0	2.4	2.6	4.1	11.4	32.0	100.0	
TOTAL N	253	956	322	363	324	584	776	424	200	216	342	959	2689		8408

(* < 0.05%)

STATION: 46041

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

Month: OCT

		WIND DIRECTION												TOT %	TOT N
WIND SPEED	CALM	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
0	2.2	*	*	*	*	*	*	*	*	0.1	*	*	*	2.6	225
1 - 3		1.8	1.2	1.7	1.5	1.2	1.1	0.9	0.8	0.9	0.8	1.0	1.3	13.9	1208
4 - 6		3.1	1.4	2.8	2.6	2.4	2.4	1.8	1.0	0.6	1.1	1.8	3.7	24.5	2131
7 - 10		2.1	0.3	1.2	1.2	2.6	4.4	2.5	1.1	0.8	1.2	2.4	4.8	24.6	2137
11 - 15		0.8	*	0.1	0.3	3.7	4.3	1.5	0.9	0.4	0.7	1.7	4.5	18.8	1630
16 - 20		0.1	-	-	0.1	2.5	3.0	1.0	0.4	0.2	0.2	0.6	2.0	10.3	898
21 - 24		-	-	-	*	0.7	1.8	0.5	0.1	*	0.1	0.1	*	3.3	286
25 - 33		-	-	-	-	0.4	0.9	0.3	-	-	0.1	*	-	1.8	156
34 - 47		-	-	-	-	0.1	0.1	-	-	-	-	-	-	0.1	11
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	2.2	8.1	3.0	5.7	5.6	13.6	17.9	8.4	4.2	3.0	4.2	7.7	16.3	100.0	
TOTAL N	192	700	257	499	490	1180	1552	732	366	263	364	669	1418		8682

(* < 0.05%)

STATION: 46041

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

Month: NOV

STATION: 46041

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

Months: MAR, APR, MAY (Spring)

WIND SPEED	CALM	WIND DIRECTION												TOT %	TOT N
		35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
0	1.3	*	*	*	*	*	0.1	0.1	*	*	*	0.1	*	1.8	415
1 - 3		0.7	0.6	0.6	0.6	0.6	0.6	0.7	0.8	0.7	0.8	0.9	0.9	8.5	2020
4 - 6		1.5	0.9	1.7	1.5	1.2	1.5	1.7	1.6	1.5	1.8	2.3	2.5	19.7	4679
7 - 10		2.1	0.4	1.3	1.0	2.0	2.7	2.9	2.3	1.6	1.9	3.7	5.3	27.2	6451
11 - 15		1.4	*	0.2	0.5	2.6	3.6	3.3	1.9	1.3	1.7	3.7	6.0	26.0	6174
16 - 20		0.2	*	-	0.1	2.1	2.1	1.7	0.7	0.6	0.7	1.8	2.2	12.3	2913
21 - 24		*	-	-	0.1	0.7	0.8	0.5	0.2	0.1	0.2	0.2	0.3	3.1	734
25 - 33		-	-	-	*	0.2	0.6	0.3	0.1	0.1	*	*	*	1.4	323
34 - 47		-	-	-	-	-	*	*	-	*	-	-	-	0.0	5
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	1.3	6.1	1.9	3.8	3.8	9.4	11.8	11.2	7.6	5.8	7.2	12.7	17.2	100.0	
TOTAL N	310	1442	460	912	907	2232	2805	2664	1809	1378	1702	3012	4081		23714

(* < 0.05%)

STATION: 46041

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	1.8	*	0.1	*	0.1	*	*	0.1	0.1	0.1	0.1	*	0.1	2.4	644
1 - 3		1.4	0.8	0.7	0.8	0.9	1.0	1.3	1.1	1.2	1.5	1.7	2.0	14.5	3945
4 - 6		2.8	0.5	0.5	0.7	1.4	2.5	2.4	1.7	1.2	2.1	4.5	6.3	26.8	7256
7 - 10		3.0	0.2	0.1	0.2	1.3	3.1	2.0	0.9	0.5	1.2	5.2	13.2	31.0	8418
11 - 15		1.4	*	-	*	0.8	1.7	0.7	0.3	0.2	0.3	2.2	11.9	19.6	5309
16 - 20		0.2	-	-	*	0.3	0.6	0.2	*	0.1	0.1	0.4	3.4	5.2	1408
21 - 24		-	-	-	-	*	0.2	*	*	*	*	*	0.1	0.4	111
25 - 33		-	-	-	-	*	0.1	*	-	-	-	-	*	0.1	34
34 - 47		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	1.8	8.9	1.6	1.4	1.8	4.7	9.3	6.8	4.1	3.3	5.1	14.1	36.9	100.0	
TOTAL N	491	2411	434	392	490	1275	2529	1841	1125	904	1396	3831	10006		27125

(* < 0.05%)

STATION: 46041

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

Months: SEP, OCT, NOV (Autumn)

WIND SPEED	CALM	WIND DIRECTION												TOT %	TOT N
		35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
0	1.8	*	*	*	*	*	*	*	*	*	*	*	*	2.2	565
1 - 3		1.4	1.1	1.3	1.2	1.0	0.9	0.7	0.7	0.6	0.9	1.0	1.4	12.2	3176
4 - 6		2.8	1.2	2.1	2.1	2.1	2.1	1.5	0.9	0.7	1.1	2.1	3.9	22.6	5853
7 - 10		2.4	0.4	1.0	1.1	3.1	3.7	1.9	1.0	0.9	1.1	2.5	6.4	25.5	6624
11 - 15		0.8	0.1	0.1	0.4	4.1	3.4	1.4	1.0	0.7	0.9	1.7	4.7	19.2	4974
16 - 20		0.1	*	-	0.2	3.5	2.7	1.2	0.8	0.4	0.4	0.9	1.6	11.8	3064
21 - 24		*	-	-	0.1	1.2	1.2	0.6	0.3	0.1	0.1	0.3	0.1	4.1	1059
25 - 33		-	-	-	0.1	0.7	0.7	0.5	0.1	0.1	0.1	0.1	*	2.3	590
34 - 47		-	-	-	*	*	0.1	*	*	-	-	*	*	0.2	44
> 48		-	-	*	-	-	-	-	-	-	-	-	-	0.0	1
TOTAL %	1.8	7.6	2.8	4.6	5.0	15.8	14.9	7.9	4.6	3.6	4.5	8.7	18.1	100.0	
TOTAL N	475	1965	730	1182	1299	4097	3872	2061	1194	945	1170	2262	4698		25950

(* < 0.05%)

STATION: 46041

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	>13.4	TOT %	TOT N
1 - 3	-	0.3	0.4	0.1	0.1	*	-	-	-	-	-	-	-	-	-	0.9	58
4 - 6	-	1.5	3.1	1.7	0.3	0.1	-	-	-	-	-	-	-	-	-	6.7	424
7 - 10	-	3.5	5.8	3.8	1.3	0.3	*	-	-	-	-	-	-	-	-	14.8	929
11 - 15	-	3.3	7.6	5.6	2.4	0.3	0.1	0.1	-	-	-	-	-	-	-	19.4	1217
16 - 20	-	2.1	7.8	8.8	3.4	1.2	0.4	0.1	-	-	-	-	-	-	-	23.8	1498
21 - 24	-	1.2	5.1	6.6	4.4	1.6	0.6	0.1	0.1	-	-	-	-	-	-	19.6	1235
25 - 33	-	0.1	1.7	2.3	2.6	1.4	0.5	0.2	*	*	-	-	-	-	-	8.8	554
34 - 47	-	-	1.0	1.5	1.3	1.1	0.4	0.2	0.1	-	*	-	-	-	-	5.7	356
> 48	-	-	-	*	*	-	-	0.1	*	*	*	-	-	-	-	0.2	15
TOTAL %	0.0	12.0	32.5	30.5	15.9	6.0	2.1	0.7	0.2	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	0	754	2047	1921	1000	377	129	42	14	3	2	0	0	0	0		6289

(* < 0.05%)

21 - 24	-	0.1	0.6	0.4	*	*	-	-	-	-	-	-	-	-	-	1.3	108
25 - 33	-	*	0.1	0.1	*	*	-	-	-	-	-	-	-	-	-	0.2	17
34 - 47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48	-	1.1	0.4	0.1	-	-	-	-	-	-	-	-	-	-	-	1.6	136
TOTAL %	0.2	37.8	47.1	13.4	1.2	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	19	3246	4043	1155	100	26	3	0	0	0	0	0	0	0	0		8592

STATION: 46041

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

Month: JUN

		WAVE HEIGHT																
WIND SPEED		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		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	-	1.5	123
1 - 3		-	6.6	2.8	0.6	*	*	-	-	-	-	-	-	-	-	-	10.0	836
4 - 6		-	12.4	7.1	1.6	0.1	-	-	-	-	-	-	-	-	-	-	21.2	1769
7 - 10		-	18.0	12.3	2.3	0.2	*	-	-	-	-	-	-	-	-	-	32.9	2746
11 - 15		-	10.0	9.9	1.5	0.2	0.1	*	-	-	-	-	-	-	-	-	21.6	1807
16 - 20		-	1.7	3.7	0.8	0.1	0.2	0.1	*	-	-	-	-	-	-	-	6.7	557
21 - 24		-	*	0.2	0.2	0.1	0.1	*	-	-	-	-	-	-	-	-	0.6	50
25 - 33		-	-	0.1	*	*	-	-	-	-	-	-	-	-	-	-	0.2	13
34 - 47		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48		-	2.5	2.1	0.8	0.1	-	-	-	-	-	-	-	-	-	-	5.4	450
TOTAL %	0.0	52.2	38.5	7.8	0.9	0.4	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	4356	3218	655	71	36	12	3	0	0	0	0	0	0	0	0		8351

STATION: 46041

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

Month: JUL

		WAVE HEIGHT																
WIND SPEED		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		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	239
1 - 3		0.1	10.4	3.5	0.2	-	-	-	-	-	-	-	-	-	-	-	14.1	1384
4 - 6		0.1	17.8	7.1	0.3	-	-	-	-	-	-	-	-	-	-	-	25.3	2473
7 - 10		*	19.4	8.2	0.5	-	-	-	-	-	-	-	-	-	-	-	28.2	2758
11 - 15		-	10.8	6.2	0.8	*	-	-	-	-	-	-	-	-	-	-	17.8	1745
16 - 20		-	2.5	1.9	0.3	*	-	-	-	-	-	-	-	-	-	-	4.7	465
21 - 24		-	*	0.1	*	*	-	-	-	-	-	-	-	-	-	-	0.2	16
25 - 33		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
34 - 47		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48		-	5.8	1.5	-	-	-	-	-	-	-	-	-	-	-	-	7.3	712
TOTAL %	0.2	68.4	29.3	2.1	0.1	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	15	6700	2867	202	8	0	0	0	0	0	0	0	0	0	0	0		9792

STATION: 46041

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

Month: AUG

		WAVE HEIGHT																
WIND SPEED		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		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	275
1 - 3		-	12.5	3.9	0.2	*	-	-	-	-	-	-	-	-	-	-	16.5	1649
4 - 6		*	21.4	7.0	0.7	-	-	-	-	-	-	-	-	-	-	-	29.1	2896
7 - 10		*	18.5	8.3	0.8	0.1	-	-	-	-	-	-	-	-	-	-	27.7	2760
11 - 15		*	11.1	4.7	0.4	0.1	-	-	-	-	-	-	-	-	-	-	16.4	1635
16 - 20		-	1.8	1.2	0.3	*	*	-	-	-	-	-	-	-	-	-	3.4	335
21 - 24		-	*	0.2	0.1	0.1	*	-	-	-	-	-	-	-	-	-	0.4	38
25 - 33		-	-	*	*	0.1	0.1	-	-	-	-	-	-	-	-	-	0.2	17
34 - 47		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48		-	1.6	2.0	*	-	-	-	-	-	-	-	-	-	-	-	3.6	360
TOTAL %	0.1	68.9	28.0	2.5	0.3	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	6	6869	2792	254	34	10	0	0	0	0	0	0	0	0	0	0		9965

STATION: 46041

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

Month: SEP

WAVE HEIGHT

(* < 0.05%)

STATION: 46041

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	1893
1 - 3	*	5.3	3.9	1.0	0.2	*	*	-	-	-	-	-	-	-	-	10.6	10448
4 - 6	*	9.5	8.2	2.6	0.6	0.1	*	*	*	-	-	-	-	-	-	21.2	20819
7 - 10	*	9.8	10.2	3.9	1.2	0.3	0.1	*	*	-	-	-	-	-	-	25.5	25097
11 - 15	*	5.5	8.1	4.4	1.7	0.6	0.2	*	*	*	-	-	-	-	-	20.6	20299
16 - 20	-	1.3	3.6	3.3	1.7	0.7	0.2	0.1	*	*	-	-	-	-	-	11.0	10777
21 - 24	-	0.1	0.8	1.1	0.9	0.4	0.2	*	*	*	*	-	-	-	-	3.5	3471
25 - 33	-	*	0.2	0.5	0.6	0.4	0.2	0.1	*	*	*	-	-	-	-	2.1	2056
34 - 47	-	-	*	*	*	*	*	*	*	*	*	-	-	-	-	0.1	88
> 48	-	1.4	1.1	0.7	0.2	*	*	*	*	*	-	-	-	-	-	3.4	3385
TOTAL %	0.0	33.9	37.0	17.7	7.3	2.8	0.9	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	47	33329	36418	17361	7183	2723	875	272	88	27	10	0	0	0	0		98333

(* < 0.05%)

STATION: 46041

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	-	1.4	281
1 - 3	-	1.5	3.7	1.6	0.5	0.1	*	-	-	-	-	-	-	-	-	7.3	1462
4 - 6	-	3.1	7.7	3.9	1.3	0.4	0.1	*	-	-	-	-	-	-	-	16.5	3289
7 - 10	-	3.0	8.0	5.5	2.3	0.8	0.1	0.1	*	-	-	-	-	-	-	19.9	3965
11 - 15	-	1.6	7.1	6.8	3.5	1.5	0.5	0.1	*	*	-	-	-	-	-	21.2	4228
16 - 20	-	0.8	4.5	6.1	4.1	1.9	0.7	0.1	0.1	*	-	-	-	-	-	18.2	3631
21 - 24	-	0.1	1.5	2.3	2.3	1.2	0.5	0.2	*	*	*	-	-	-	-	8.2	1645
25 - 33	-	*	0.7	1.3	1.4	1.2	0.6	0.3	0.2	*	*	-	-	-	-	5.7	1141
34 - 47	-	-	-	*	-	*	*	0.1	*	*	*	-	-	-	-	0.2	41
> 48	-	0.2	0.3	0.6	0.2	0.1	*	*	-	-	-	-	-	-	-	1.4	283
TOTAL %	0.0	10.7	34.0	28.4	15.8	7.3	2.6	0.8	0.3	0.1	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	0	2133	6798	5667	3148	1448	522	168	57	19	6	0	0	0	0		19966

(* < 0.05%)

STATION: 46041

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

Months: MAR, APR, MAY (Spring)

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	-	1.7	412
1 - 3	*	3.3	3.6	0.9	0.1	*	-	-	-	-	-	-	-	-	-	8.0	1996
4 - 6	*	6.6	8.7	2.7	0.5	0.1	*	-	-	-	-	-	-	-	-	18.6	4647
7 - 10	*	7.7	12.2	4.4	1.0	0.2	*	-	-	-	-	-	-	-	-	25.6	6398
11 - 15	*	4.9	11.2	5.9	1.8	0.5	0.1	*	-	-	-	-	-	-	-	24.4	6099
16 - 20	-	1.0	4.3	3.7	1.6	0.5	0.1	*	*	-	-	-	-	-	-	11.4	2845
21 - 24	-	0.1	0.8	1.0	0.6	0.2	0.1	*	-	-	-	-	-	-	-	2.9	713
25 - 33	-	*	0.1	0.4	0.4	0.2	0.1	*	*	-	-	-	-	-	-	1.3	315
34 - 47	-	-	-	-	*	-	*	*	-	-	-	-	-	-	-	0.0	5
> 48	-	1.7	1.9	1.8	0.5	0.1	*	*	*	*	-	-	-	-	-	6.1	1534
TOTAL %	0.1	26.1	43.7	21.0	6.6	2.0	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	20	6509	10908	5246	1640	487	119	27	7	1	0	0	0	0	0		24964

(* < 0.05%)

STATION: 46041

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

Months: JUN, JUL, AUG (Summer)

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	637
1 - 3	*	10.0	3.4	0.3	*	*	-	-	-	-	-	-	-	-	-	13.8	3869
4 - 6	*	17.5	7.0	0.8	*	-	-	-	-	-	-	-	-	-	-	25.4	7138
7 - 10	*	18.7	9.5	1.1	0.1	*	-	-	-	-	-	-	-	-	-	29.4	8264
11 - 15	*	10.7	6.8	0.9	0.1	*	*	-	-	-	-	-	-	-	-	18.5	5187
16 - 20	-	2.0	2.2	0.4	0.1	0.1	*	*	-	-	-	-	-	-	-	4.8	1357
21 - 24	-	*	0.1	0.1	*	*	*	-	-	-	-	-	-	-	-	0.4	104

25 - 33	-	-	*	*	*	*	-	-	-	-	-	-	-	-	-	-	0.1	30
34 - 47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48	-	3.3	1.8	0.2	*	-	-	-	-	-	-	-	-	-	-	-	5.4	1522
TOTAL %	0.1	63.8	31.6	4.0	0.4	0.2	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	17925	8877	1111	113	46	12	3	0	0	0	0	0	0	0	0		28108

(* < 0.05%)

STATION: 46041

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

Months: SEP, OCT, NOV (Autumn)

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	-	2.2	563
1 - 3	*	5.1	5.1	1.6	0.4	*	*	-	-	-	-	-	-	-	-	-	12.3	3121
4 - 6	*	8.7	9.5	3.4	0.9	0.2	*	-	*	-	-	-	-	-	-	-	22.7	5745
7 - 10	*	7.4	10.7	5.1	1.9	0.4	0.1	*	-	-	-	-	-	-	-	-	25.6	6470
11 - 15	*	3.5	7.5	4.9	2.1	0.7	0.1	0.1	*	-	-	-	-	-	-	-	18.9	4785
16 - 20	-	1.1	3.7	3.8	1.9	0.8	0.2	0.1	*	*	-	-	-	-	-	-	11.6	2944
21 - 24	-	0.1	0.9	1.3	1.0	0.4	0.2	*	*	*	*	-	-	-	-	-	4.0	1009
25 - 33	-	*	0.3	0.6	0.7	0.4	0.2	0.1	*	*	*	-	-	-	-	-	2.3	570
34 - 47	-	-	*	*	*	*	*	*	*	-	-	-	-	-	-	-	0.2	42
> 48	-	0.1	0.1	0.1	*	*	-	-	-	-	-	-	-	-	-	-	0.2	46
TOTAL %	0.0	26.7	38.9	21.1	9.0	2.9	0.9	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	6	6762	9835	5337	2282	742	222	74	24	7	4	0	0	0	0	0		25295

(* < 0.05%)

STATION: 46041

5 - PERCENT FREQUENCY OF SIGNIFICANT WAVE HEIGHT(METERS) VS DOMINANT 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	0.4	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	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	9
4.5 - 5.4	-	0.1	0.3	*	-	-	-	-	-	-	-	-	-	-	-	-	0.5	31
5.5 - 6.4	-	0.1	0.5	0.1	-	-	-	-	-	-	-	-	-	-	-	-	0.7	46
6.5 - 7.4	-	0.3	0.6	0.5	0.1	-	-	-	-	-	-	-	-	-	-	-	1.5	94
7.5 - 8.4	-	1.0	1.4	2.0	0.8	0.2	-	-	-	-	-	-	-	-	-	-	5.5	343
8.5 - 9.4	-	1.0	2.7	2.1	0.8	0.2	-	-	-	-	-	-	-	-	-	-	6.8	427
9.5 - 10.4	-	0.8	5.0	3.1	1.3	0.5	0.1	-	-	-	-	-	-	-	-	-	10.9	683
10.5 - 11.4	-	1.1	5.9	4.9	2.8	1.0	0.1	0.1	-	-	-	-	-	-	-	-	15.9	1003
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	1.5	6.3	8.0	5.0	1.8	0.4	0.1	0.1	-	-	-	-	-	-	-	23.1	1454
13.5 - 14.4	-	3.8	6.7	5.6	2.9	1.7	1.0	0.2	0.1	*	*	-	-	-	-	-	21.9	1380
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	1.8	2.7	2.9	1.8	0.5	0.4	0.3	*	*	-	-	-	-	-	-	10.4	657
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	0.2	0.3	1.2	0.5	0.1	*	*	-	-	-	-	-	-	-	-	2.3	142
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	*	-	-	-	-	-	-	-	-	-	-	-	0.3	19
TOTAL %	0.0	12.0	32.5	30.5	15.9	6.0	2.1	0.7	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	0	754	2047	1921	1000	377	129	42	14	3	2	0	0	0	0	0		6289

(* < 0.05%)

STATION: 46041

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

Month: FEB

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	>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	-	0.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.3	16
4.5 - 5.4	-	0.3	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	0.4	26
5.5 - 6.4	-	-	0.1	0.1	-	-	-	-	-	-	-	-	-	-	-	-	0.2	13

5.5 - 6.4	-	2.5	0.5	-	-	-	-	-	-	-	-	-	-	-	-	3.0	242
6.5 - 7.4	-	5.2	1.8	0.1	-	-	-	-	-	-	-	-	-	-	-	7.0	571
7.5 - 8.4	-	12.5	7.5	0.7	-	-	-	-	-	-	-	-	-	-	-	20.6	1671
8.5 - 9.4	*	7.1	7.3	1.2	*	-	-	-	-	-	-	-	-	-	-	15.7	1269
9.5 - 10.4	*	7.0	8.4	1.1	0.1	-	-	-	-	-	-	-	-	-	-	16.6	1348
10.5 - 11.4	-	3.7	7.5	1.5	0.1	*	-	-	-	-	-	-	-	-	-	12.8	1037
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	2.2	5.3	2.6	0.4	*	-	-	-	-	-	-	-	-	-	10.5	850
13.5 - 14.4	-	2.4	2.1	1.7	0.7	0.1	-	-	-	-	-	-	-	-	-	7.0	567
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	2.6	1.1	0.7	*	-	-	-	-	-	-	-	-	-	-	4.5	361
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	0.5	0.5	0.1	-	-	-	-	-	-	-	-	-	-	-	1.0	83
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	10
TOTAL %	0.0	46.7	42.0	9.8	1.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	2	3783	3404	793	109	10	0	0	0	0	0	0	0	0	0		8101

(* < 0.05%)

STATION: 46041

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	-	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	0.1	5
3.5 - 4.4	-	0.4	*	-	-	-	-	-	-	-	-	-	-	-	-	0.4	31
4.5 - 5.4	-	0.2	0.2	-	-	-	-	-	-	-	-	-	-	-	-	0.5	42
5.5 - 6.4	-	0.7	0.6	0.1	-	-	-	-	-	-	-	-	-	-	-	1.4	122
6.5 - 7.4	-	1.3	1.3	0.4	0.1	-	-	-	-	-	-	-	-	-	-	3.1	263
7.5 - 8.4	-	4.1	4.5	1.5	0.5	0.1	-	-	-	-	-	-	-	-	-	10.6	907
8.5 - 9.4	-	4.3	4.5	1.6	0.6	0.1	*	-	-	-	-	-	-	-	-	11.2	953
9.5 - 10.4	*	4.8	7.8	3.3	0.7	0.1	*	*	-	-	-	-	-	-	-	16.8	1437
10.5 - 11.4	-	4.3	10.9	5.5	1.0	0.1	*	*	-	-	-	-	-	-	-	21.9	1870
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	2.4	7.9	6.1	1.5	0.2	0.1	0.1	*	-	-	-	-	-	-	18.2	1552
13.5 - 14.4	*	1.8	3.1	2.6	1.9	0.9	0.3	0.1	*	*	-	-	-	-	-	10.7	913
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	1.3	1.4	0.6	0.3	0.1	0.1	*	0.1	*	*	-	-	-	-	4.1	352
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	0.4	0.3	0.2	0.1	-	-	-	-	-	-	-	-	-	-	1.0	84
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	9
TOTAL %	0.0	26.1	42.6	22.0	6.5	1.7	0.5	0.3	0.2	0.1	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	4	2232	3634	1882	556	142	44	24	13	5	4	0	0	0	0		8540

(* < 0.05%)

STATION: 46041

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

Month: NOV

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	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	3
3.5 - 4.4	-	0.2	*	-	-	-	-	-	-	-	-	-	-	-	-	0.2	20
4.5 - 5.4	-	0.3	0.5	-	-	-	-	-	-	-	-	-	-	-	-	0.7	63
5.5 - 6.4	-	-	0.5	0.2	-	-	-	-	-	-	-	-	-	-	-	0.7	59
6.5 - 7.4	-	0.1	0.8	0.7	0.2	-	-	-	-	-	-	-	-	-	-	1.9	166
7.5 - 8.4	-	0.8	2.5	1.9	0.8	0.2	*	-	-	-	-	-	-	-	-	6.2	535
8.5 - 9.4	-	1.0	2.8	1.9	0.9	0.4	*	-	-	-	-	-	-	-	-	7.0	605
9.5 - 10.4	-	1.8	4.9	3.2	1.8	0.7	0.1	-	-	-	-	-	-	-	-	12.5	1082
10.5 - 11.4	-	1.4	8.3	7.6	4.1	1.1	0.3	0.1	-	-	-	-	-	-	-	22.8	1974

11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	1.4	7.4	8.1	4.4	1.7	0.6	0.3	*	-	-	-	-	-	-	-	24.0	2075
13.5 - 14.4	-	1.2	3.2	5.1	4.8	1.9	0.5	0.1	*	-	-	-	-	-	-	-	16.9	1461
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	0.5	1.0	1.5	1.6	0.8	0.4	0.1	0.1	*	-	-	-	-	-	-	5.9	512
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	0.1	0.4	0.5	0.1	*	*	-	-	-	-	-	-	-	-	-	1.1	95
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	4
TOTAL %	0.0	8.6	32.3	30.8	18.7	6.8	2.1	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	0	747	2797	2662	1617	590	178	50	11	2	0	0	0	0	0	0		8654

(* < 0.05%)

STATION: 46041

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	>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	7
4.5 - 5.4	-	0.3	0.4	*	-	-	-	-	-	-	-	-	-	-	-	0.7	58
5.5 - 6.4	-	0.1	0.5	*	-	-	-	-	-	-	-	-	-	-	-	0.6	46
6.5 - 7.4	-	*	0.4	0.2	0.1	*	-	-	-	-	-	-	-	-	-	0.7	58
7.5 - 8.4	-	0.4	2.0	1.4	0.6	0.1	*	-	-	-	-	-	-	-	-	4.6	358
8.5 - 9.4	-	0.6	1.3	1.2	0.7	0.4	*	-	-	-	-	-	-	-	-	4.2	326
9.5 - 10.4	-	1.0	2.5	2.0	1.2	0.7	0.2	*	-	-	-	-	-	-	-	7.6	592
10.5 - 11.4	-	1.1	5.2	4.6	2.6	1.4	0.6	0.1	-	-	-	-	-	-	-	15.6	1209
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	1.9	8.3	8.3	5.2	2.1	0.9	0.4	0.1	-	-	-	-	-	-	27.2	2107
13.5 - 14.4	-	0.9	6.3	7.2	5.7	3.3	1.3	0.5	0.2	0.1	*	-	-	-	-	25.5	1974
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	0.4	1.9	3.0	2.4	1.5	0.7	0.3	0.1	0.1	-	-	-	-	-	10.4	804
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	0.2	0.8	0.8	0.4	0.2	0.1	*	*	*	-	-	-	-	-	2.5	196
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	13
TOTAL %	0.0	7.0	29.7	28.9	18.9	9.7	3.9	1.3	0.4	0.2	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	0	545	2298	2238	1468	755	300	99	32	13	1	0	0	0	0		7749

(* < 0.05%)

STATION: 46041

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	>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	49
3.5 - 4.4	-	0.4	*	-	-	-	-	-	-	-	-	-	-	-	-	0.4	392
4.5 - 5.4	-	0.7	0.2	*	-	-	-	-	-	-	-	-	-	-	-	0.9	928
5.5 - 6.4	*	2.2	0.6	0.1	-	-	-	-	-	-	-	-	-	-	-	2.8	2785
6.5 - 7.4	*	4.3	1.8	0.3	0.1	*	-	-	-	-	-	-	-	-	-	6.5	6380
7.5 - 8.4	*	8.1	6.2	1.2	0.4	0.1	*	-	-	-	-	-	-	-	-	15.9	15672
8.5 - 9.4	*	4.3	4.9	1.4	0.4	0.1	*	*	-	-	-	-	-	-	-	11.2	11013
9.5 - 10.4	*	3.7	6.1	2.2	0.7	0.2	0.1	*	-	-	-	-	-	-	-	13.0	12754
10.5 - 11.4	-	2.7	6.7	3.3	1.2	0.4	0.1	*	-	-	-	-	-	-	-	14.4	14191
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	*	2.4	5.4	4.6	1.9	0.7	0.2	0.1	*	-	-	-	-	-	-	15.2	14978
13.5 - 14.4	*	2.5	3.2	3.0	1.9	0.9	0.3	0.1	*	*	*	-	-	-	-	12.1	11872
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	2.1	1.5	1.1	0.7	0.4	0.2	0.1	*	*	*	-	-	-	-	6.1	5964

24.5 - 25.4	-	*	*	*	-	-	-	-	-	-	-	-	-	-	-	0.0	10
TOTAL %	0.1	26.1	43.7	21.0	6.6	2.0	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	20	6507	10907	5245	1640	487	119	27	7	1	0	0	0	0	0	24960	

(* < 0.05%)

STATION: 46041

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	20
3.5 - 4.4	-	0.7	*	-	-	-	-	-	-	-	-	-	-	-	-	0.7	198
4.5 - 5.4	-	1.6	0.2	-	-	-	-	-	-	-	-	-	-	-	-	1.8	508
5.5 - 6.4	*	5.9	0.8	-	-	-	-	-	-	-	-	-	-	-	-	6.7	1875
6.5 - 7.4	*	11.6	3.1	*	-	-	-	-	-	-	-	-	-	-	-	14.7	4136
7.5 - 8.4	*	18.9	10.4	0.5	*	-	-	-	-	-	-	-	-	-	-	29.9	8392
8.5 - 9.4	-	8.1	6.1	0.7	*	*	-	-	-	-	-	-	-	-	-	15.0	4209
9.5 - 10.4	-	4.9	5.8	1.0	0.1	*	-	-	-	-	-	-	-	-	-	11.8	3320
10.5 - 11.4	-	2.4	3.3	0.8	0.1	0.1	*	-	-	-	-	-	-	-	-	6.6	1868
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	*	2.0	1.2	0.8	0.1	0.1	*	-	-	-	-	-	-	-	-	4.2	1185
13.5 - 14.4	*	3.3	0.4	0.2	0.1	*	*	-	-	-	-	-	-	-	-	4.0	1125
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	3.7	0.2	*	*	-	*	*	-	-	-	-	-	-	-	4.0	1113
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	0.5	0.1	-	-	-	-	-	-	-	-	-	-	-	-	0.6	159
TOTAL %	0.1	63.8	31.6	4.0	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	21	17925	8877	1111	113	46	12	3	0	0	0	0	0	0	0	28108	

(* < 0.05%)

STATION: 46041

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	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	0.1	14
3.5 - 4.4	-	0.3	*	-	-	-	-	-	-	-	-	-	-	-	-	0.3	73
4.5 - 5.4	-	0.4	0.3	-	-	-	-	-	-	-	-	-	-	-	-	0.7	169
5.5 - 6.4	-	1.0	0.5	0.1	-	-	-	-	-	-	-	-	-	-	-	1.7	423
6.5 - 7.4	-	2.1	1.3	0.4	0.1	-	-	-	-	-	-	-	-	-	-	4.0	1000
7.5 - 8.4	-	5.6	4.8	1.4	0.4	0.1	*	-	-	-	-	-	-	-	-	12.3	3113
8.5 - 9.4	*	4.1	4.8	1.6	0.5	0.2	*	-	-	-	-	-	-	-	-	11.2	2827
9.5 - 10.4	*	4.5	7.0	2.6	0.9	0.3	0.1	*	-	-	-	-	-	-	-	15.3	3867
10.5 - 11.4	-	3.1	8.9	5.0	1.8	0.4	0.1	*	-	-	-	-	-	-	-	19.3	4881
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	2.0	6.9	5.7	2.1	0.7	0.2	0.1	*	-	-	-	-	-	-	17.7	4477
13.5 - 14.4	*	1.8	2.8	3.2	2.5	1.0	0.3	0.1	*	*	-	-	-	-	-	11.6	2941
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	1.4	1.2	0.9	0.7	0.3	0.2	0.1	*	*	*	-	-	-	-	4.8	1225
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	0.3	0.4	0.3	0.1	*	*	-	-	-	-	-	-	-	-	1.0	262
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	23
TOTAL %	0.0	26.7	38.9	21.1	9.0	2.9	0.9	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	6	6762	9835	5337	2282	742	222	74	24	7	4	0	0	0	0	25295	

(* < 0.05%)

STATION: 46041

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

Month: JAN

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	-	0.2	*	-	-	-	-	-	-	-	-	-	-	-	-	0.2	13
4.5 - 5.4	-	1.8	2.2	0.1	-	-	-	-	-	-	-	-	-	-	-	4.0	254
5.5 - 6.4	-	2.7	5.4	2.6	0.1	-	-	-	-	-	-	-	-	-	-	10.8	680
6.5 - 7.4	-	3.1	8.9	8.1	3.3	0.4	-	-	-	-	-	-	-	-	-	23.9	1501
7.5 - 8.4	-	2.1	7.8	9.8	5.8	2.1	0.3	*	-	-	-	-	-	-	-	27.8	1749
8.5 - 9.4	-	1.2	5.1	5.4	4.0	2.4	0.8	0.2	0.1	-	-	-	-	-	-	19.1	1199
9.5 - 10.4	-	0.6	2.0	2.8	1.9	0.9	0.6	0.3	0.1	*	*	-	-	-	-	9.2	580
10.5 - 11.4	-	0.3	1.0	0.9	0.7	0.2	0.3	*	0.1	*	-	-	-	-	-	3.5	219
11.5 - 12.4	-	0.1	0.1	0.7	0.1	-	0.1	0.1	-	-	-	-	-	-	-	1.2	75
12.5 - 13.4	-	-	-	0.2	-	*	-	*	-	-	-	-	-	-	-	0.3	16
13.5 - 14.4	-	-	-	*	-	-	-	-	-	-	-	-	-	-	-	0.0	3
TOTAL %	0.0	12.0	32.5	30.5	15.9	6.0	2.1	0.7	0.2	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	0	754	2047	1921	1000	377	129	42	14	3	2	0	0	0	0		6289

(* < 0.05%)

STATION: 46041

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

Month: FEB

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	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	>13.4	TOT %	TOT N
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	*	-	-	-	-	-	-	-	-	-	-	-	-	0.8	45
4.5 - 5.4	-	0.9	0.9	-	-	-	-	-	-	-	-	-	-	-	-	1.8	107
5.5 - 6.4	-	2.0	4.6	1.7	0.1	-	-	-	-	-	-	-	-	-	-	8.5	504
6.5 - 7.4	-	3.2	8.1	4.8	2.6	0.3	-	-	-	-	-	-	-	-	-	19.0	1126
7.5 - 8.4	-	3.0	9.5	6.8	3.8	1.4	0.2	*	-	-	-	-	-	-	-	24.7	1466
8.5 - 9.4	-	1.7	8.3	6.5	3.2	2.1	0.4	0.1	-	-	-	-	-	-	-	22.4	1327
9.5 - 10.4	-	1.4	5.5	2.6	1.3	1.1	0.3	0.1	0.1	-	-	-	-	-	-	12.3	732
10.5 - 11.4	-	0.9	2.7	1.3	0.5	0.4	0.4	0.2	*	*	0.1	-	-	-	-	6.4	379
11.5 - 12.4	-	0.2	1.3	1.0	0.1	0.1	0.1	*	0.1	*	-	-	-	-	-	3.0	178
12.5 - 13.4	-	*	0.4	0.5	-	-	-	-	-	-	-	-	-	-	-	0.9	56
13.5 - 14.4	-	*	*	0.1	*	-	-	-	-	-	-	-	-	-	-	0.1	7
14.5 - 15.4	-	-	-	*	-	-	-	-	-	-	-	-	-	-	-	0.0	1
TOTAL %	0.0	14.1	41.4	25.4	11.5	5.3	1.6	0.5	0.2	0.1	0.1	0.0	0.0	0.0	0.0	100.0	
TOTAL N	0	834	2453	1508	680	316	93	27	11	3	3	0	0	0	0		5928

(* < 0.05%)

STATION: 46041

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

Month: MAR

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	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	>13.4	TOT %	TOT N
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	40
4.5 - 5.4	*	2.3	1.3	0.1	-	-	-	-	-	-	-	-	-	-	-	3.7	293
5.5 - 6.4	-	2.5	6.1	1.7	0.1	-	-	-	-	-	-	-	-	-	-	10.3	822
6.5 - 7.4	-	4.3	10.7	6.5	2.5	0.3	*	-	-	-	-	-	-	-	-	24.3	1927
7.5 - 8.4	-	3.8	11.2	6.8	4.4	1.1	0.3	*	-	-	-	-	-	-	-	27.6	2190
8.5 - 9.4	-	2.7	7.1	5.9	3.8	1.3	0.3	0.1	0.1	-	-	-	-	-	-	21.2	1687
9.5 - 10.4	-	0.7	2.8	2.5	1.5	1.0	0.2	0.2	*	*	-	-	-	-	-	8.9	706
10.5 - 11.4	-	0.1	1.0	0.9	0.3	0.3	0.2	*	-	-	-	-	-	-	-	2.8	223
11.5 - 12.4	-	*	0.3	0.2	0.1	0.1	0.1	-	-	-	-	-	-	-	-	0.6	51
12.5 - 13.4	-	-	-	-	*	-	0.1	-	-	-	-	-	-	-	-	0.1	6
13.5 - 14.4	-	-	-	-	-	-	*	-	-	-	-	-	-	-	-	0.0	1
TOTAL %	0.0	16.7	40.4	24.7	12.6	3.9	1.2	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	1	1327	3213	1962	1000	313	96	26	7	1	0	0	0	0	0		7946

(* < 0.05%)

STATION: 46041

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

Month: APR

WAVE HEIGHT

10.5 - 11.4	-	0.3	0.8	0.4	0.2	0.3	*	*	*	0.1	*	-	-	-	-	-	2.0	174
11.5 - 12.4	-	*	0.2	*	*	-	-	-	-	-	*	-	-	-	-	-	0.3	25
12.5 - 13.4	-	-	0.1	0.1	-	-	-	-	-	-	-	-	-	-	-	-	0.2	14
13.5 - 14.4	-	-	*	*	-	-	-	-	-	-	-	-	-	-	-	-	0.1	5
14.5 - 15.4	-	-	-	*	-	-	-	-	-	-	-	-	-	-	-	-	0.0	1
TOTAL %	0.0	26.1	42.6	22.0	6.5	1.7	0.5	0.3	0.2	0.1	0.0	0.0	0.0	0.0	0.0	100.0		
TOTAL N	4	2232	3634	1882	556	142	44	24	13	5	4	0	0	0	0	8540		
(* < 0.05%)																		

STATION: 46041

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		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	*	-	-	-	-	-	-	-	-	-	-	-	-	0.6	52	
4.5 - 5.4	-	1.7	1.8	0.1	-	-	-	-	-	-	-	-	-	-	-	3.6	312	
5.5 - 6.4	-	1.7	6.8	3.0	0.3	-	-	-	-	-	-	-	-	-	-	11.9	1027	
6.5 - 7.4	-	1.9	10.7	8.8	3.4	0.6	-	-	-	-	-	-	-	-	-	25.4	2199	
7.5 - 8.4	-	1.1	8.0	10.2	6.8	2.0	0.5	0.1	-	-	-	-	-	-	-	28.8	2494	
8.5 - 9.4	-	0.6	3.4	6.1	5.8	2.6	0.7	0.3	*	-	-	-	-	-	-	19.5	1691	
9.5 - 10.4	-	0.4	1.0	1.7	1.8	1.3	0.6	0.1	*	-	-	-	-	-	-	6.9	596	
10.5 - 11.4	-	0.4	0.4	0.6	0.5	0.2	0.2	0.1	0.1	*	-	-	-	-	-	2.4	206	
11.5 - 12.4	-	0.1	0.1	0.3	*	0.1	*	*	*	*	-	-	-	-	-	0.7	57	
12.5 - 13.4	-	*	0.1	*	*	*	-	-	-	-	-	-	-	-	-	0.2	13	
13.5 - 14.4	-	*	0.1	-	-	-	-	-	-	-	-	-	-	-	-	0.1	7	
TOTAL %	0.0	8.6	32.3	30.8	18.7	6.8	2.1	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	100.0		
TOTAL N	0	747	2797	2662	1617	590	178	50	11	2	0	0	0	0	0	8654		
(* < 0.05%)																		

STATION: 46041

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	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	-	0.3	*	-	-	-	-	-	-	-	-	-	-	-	-	0.3	23	
4.5 - 5.4	-	1.1	1.9	*	-	-	-	-	-	-	-	-	-	-	-	3.0	236	
5.5 - 6.4	-	2.2	5.1	2.1	0.1	-	-	-	-	-	-	-	-	-	-	9.5	738	
6.5 - 7.4	-	1.7	6.0	7.6	3.3	0.5	-	-	-	-	-	-	-	-	-	19.2	1485	
7.5 - 8.4	-	1.2	6.1	8.5	5.7	3.1	0.9	*	-	-	-	-	-	-	-	25.5	1973	
8.5 - 9.4	-	0.4	6.5	5.8	6.1	3.0	1.7	0.6	0.1	-	-	-	-	-	-	24.1	1868	
9.5 - 10.4	-	0.2	3.0	2.6	2.7	2.4	0.8	0.4	0.2	0.1	*	-	-	-	-	12.3	957	
10.5 - 11.4	-	-	0.8	1.6	0.8	0.6	0.4	0.3	0.1	0.1	-	-	-	-	-	4.6	357	
11.5 - 12.4	-	-	0.1	0.5	0.3	0.1	*	*	0.1	0.1	-	-	-	-	-	1.2	95	
12.5 - 13.4	-	-	0.1	0.1	*	-	-	-	-	*	-	-	-	-	-	0.2	13	
13.5 - 14.4	-	-	*	*	-	-	-	-	-	-	-	-	-	-	-	0.1	4	
TOTAL %	0.0	7.0	29.7	28.9	18.9	9.7	3.9	1.3	0.4	0.2	0.0	0.0	0.0	0.0	0.0	100.0		
TOTAL N	0	545	2298	2238	1468	755	300	99	32	13	1	0	0	0	0	7749		
(* < 0.05%)																		

STATION: 46041

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		0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	*	*	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	3
3.5 - 4.4	*	1.1	*	-	-	-	-	-	-	-	-	-	-	-	-	1.1	1072
4.5 - 5.4	*	7.1	1.9	*	-	-	-	-	-	-	-	-	-	-	-	9.0	8888
5.5 - 6.4	*	12.9	9.2	1.5	0.1	-	-	-	-	-	-	-	-	-	-	23.7	23260
6.5 - 7.4	*	8.4	12.4	5.3	1.4	0.2	*	-	-	-	-	-	-	-	-	27.7	27251
7.5 - 8.4	-	2.9	7.5	5.4	2.5	0.8	0.2	*	-	-	-	-	-	-	-	19.3	18933
8.5 - 9.4	-	1.0	3.8	3.4	2.1	1.0	0.3	0.1	*	-	-	-	-	-	-	11.8	11562

9.5 - 10.4	-	0.4	1.5	1.3	0.9	0.6	0.2	0.1	*	*	*	-	-	-	-	5.0	4880
10.5 - 11.4	-	0.1	0.5	0.5	0.2	0.2	0.1	*	*	*	*	-	-	-	-	1.8	1780
11.5 - 12.4	-	*	0.1	0.2	0.1	*	*	*	*	*	*	-	-	-	-	0.5	528
12.5 - 13.4	-	*	*	0.1	*	*	*	*	-	*	-	-	-	-	-	0.1	137
13.5 - 14.4	-	*	*	*	*	-	*	-	-	-	-	-	-	-	0.0	35	
14.5 - 15.4	-	-	-	*	*	-	-	-	-	-	-	-	-	-	0.0	4	
TOTAL %	0.0	33.9	37.0	17.7	7.3	2.8	0.9	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	47	33329	36418	17361	7183	2723	875	272	88	27	10	0	0	0	0	98333	

(* < 0.05%)

STATION: 46041

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

Months: DEC, JAN, FEB (Winter)

		WAVE HEIGHT															TOT %	TOT N
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			
< 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				
0.5 - 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	81	
4.5 - 5.4	-	1.3	1.7	*	-	-	-	-	-	-	-	-	-	-	-	3.0	597	
5.5 - 6.4	-	2.3	5.1	2.1	0.1	-	-	-	-	-	-	-	-	-	-	9.6	1922	
6.5 - 7.4	-	2.6	7.6	7.0	3.1	0.4	-	-	-	-	-	-	-	-	-	20.6	4112	
7.5 - 8.4	-	2.0	7.7	8.4	5.1	2.2	0.5	*	-	-	-	-	-	-	-	26.0	5188	
8.5 - 9.4	-	1.0	6.6	5.9	4.5	2.5	1.0	0.3	0.1	-	-	-	-	-	-	22.0	4394	
9.5 - 10.4	-	0.7	3.4	2.7	2.0	1.6	0.6	0.3	0.1	*	*	-	-	-	-	11.4	2269	
10.5 - 11.4	-	0.3	1.4	1.3	0.7	0.4	0.4	0.2	0.1	*	*	-	-	-	-	4.8	955	
11.5 - 12.4	-	0.1	0.5	0.7	0.2	0.1	0.1	0.1	0.1	*	-	-	-	-	-	1.7	348	
12.5 - 13.4	-	*	0.1	0.2	*	*	-	*	-	*	-	-	-	-	-	0.4	85	
13.5 - 14.4	-	*	*	*	*	-	-	-	-	-	-	-	-	-	-	0.1	14	
14.5 - 15.4	-	-	-	*	-	-	-	-	-	-	-	-	-	-	-	0.0	1	
TOTAL %	0.0	10.7	34.0	28.4	15.8	7.3	2.6	0.8	0.3	0.1	0.0	0.0	0.0	0.0	0.0	100.0		
TOTAL N	0	2133	6798	5667	3148	1448	522	168	57	19	6	0	0	0	0	19966		

(* < 0.05%)

STATION: 46041

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

Months: MAR, APR, MAY (Spring)

		WAVE HEIGHT															TOT %	TOT N
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			
< 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				
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0	
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0	
2.5 - 3.4	-	*	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	1	
3.5 - 4.4	*	0.8	*	-	-	-	-	-	-	-	-	-	-	-	-	0.9	213	
4.5 - 5.4	*	4.1	2.0	*	-	-	-	-	-	-	-	-	-	-	-	6.1	1529	
5.5 - 6.4	*	7.7	10.3	2.0	0.1	-	-	-	-	-	-	-	-	-	-	20.1	5022	
6.5 - 7.4	-	7.8	15.1	7.0	1.4	0.1	*	-	-	-	-	-	-	-	-	31.5	7874	
7.5 - 8.4	-	3.8	10.0	5.9	2.1	0.5	0.1	*	-	-	-	-	-	-	-	22.4	5602	
8.5 - 9.4	-	1.4	4.4	3.9	1.9	0.7	0.1	*	*	-	-	-	-	-	-	12.6	3137	
9.5 - 10.4	-	0.4	1.3	1.5	0.8	0.4	0.1	0.1	*	*	-	-	-	-	-	4.5	1125	
10.5 - 11.4	-	*	0.4	0.5	0.2	0.2	0.1	*	-	-	-	-	-	-	-	1.4	356	
11.5 - 12.4	-	*	0.1	0.1	*	*	*	-	-	-	-	-	-	-	-	0.3	81	
12.5 - 13.4	-	-	-	*	*	*	*	-	-	-	-	-	-	-	-	0.1	17	
13.5 - 14.4	-	-	-	-	*	-	*	-	-	-	-	-	-	-	-	0.0	5	
14.5 - 15.4	-	-	-	-	*	-	-	-	-	-	-	-	-	-	-	0.0	2	
TOTAL %	0.1	26.1	43.7	21.0	6.6	2.0	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0		
TOTAL N	20	6509	10908	5246	1640	487	119	27	7	1	0	0	0	0	0	24964		

(* < 0.05%)

STATION: 46041

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

Months: JUN, JUL, AUG (Summer)

		WAVE HEIGHT															TOT %	TOT N
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			
< 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				
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0	
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0	
2.5 - 3.4	*	*	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	2	
3.5 - 4.4	*	2.1	*	-	-	-	-	-	-	-	-	-	-	-	-	2.1	601	
4.5 - 5.4	*	17.0	2.4	*	-	-	-	-	-	-	-	-	-	-	-	19.4	5447	
5.5 - 6.4	*	29.1	13.1	0.3	*	-	-	-	-	-	-	-	-	-	-	42.5	11959	
6.5 - 7.4	*	13.5	12.2	1.8	0.1	*	-	-	-	-	-	-	-	-	-	27.6	7764	
7.5 - 8.4	-	1.9	3.3	1.3	0.2	0.1	-	-	-	-	-	-	-	-	-	6.7	1882	

8.5 - 9.4	-	0.3	0.6	0.4	0.1	0.1	*	-	-	-	-	-	-	-	-	-	1.4	406
9.5 - 10.4	-	-	*	0.1	*	-	*	*	-	-	-	-	-	-	-	-	0.2	45
10.5 - 11.4	-	-	-	*	-	-	-	*	-	-	-	-	-	-	-	-	0.0	2
TOTAL %	0.1	63.8	31.6	4.0	0.4	0.2	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	17925	8877	1111	113	46	12	3	0	0	0	0	0	0	0	0		28108

(* < 0.05%)

STATION: 46041

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
	0.0-0.4	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	0.4	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	-	0.7	*	-	-	-	-	-	-	-	-	-	-	-	-	0.7	177
4.5 - 5.4	-	3.6	1.5	0.1	-	-	-	-	-	-	-	-	-	-	-	5.2	1315
5.5 - 6.4	*	8.3	7.1	1.7	0.2	-	-	-	-	-	-	-	-	-	-	17.2	4357
6.5 - 7.4	*	7.9	13.7	6.1	1.6	0.3	*	-	-	-	-	-	-	-	-	29.7	7501
7.5 - 8.4	-	4.0	9.6	6.9	3.2	0.8	0.2	*	-	-	-	-	-	-	-	24.8	6261
8.5 - 9.4	-	1.4	4.4	4.3	2.7	1.0	0.3	0.1	*	-	-	-	-	-	-	14.3	3625
9.5 - 10.4	-	0.6	1.7	1.3	1.1	0.6	0.3	0.1	*	-	-	-	-	-	-	5.7	1441
10.5 - 11.4	-	0.2	0.5	0.5	0.3	0.2	0.1	*	*	*	*	-	-	-	-	1.8	467
11.5 - 12.4	-	*	0.1	0.2	*	*	*	*	*	*	*	-	-	-	-	0.4	99
12.5 - 13.4	-	*	0.1	0.1	*	*	-	-	-	-	-	-	-	-	-	0.1	35
13.5 - 14.4	-	*	*	*	*	-	-	-	-	-	-	-	-	-	-	0.1	16
14.5 - 15.4	-	-	-	*	-	-	-	-	-	-	-	-	-	-	-	0.0	1
TOTAL %	0.0	26.7	38.9	21.1	9.0	2.9	0.9	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	6	6762	9835	5337	2282	742	222	74	24	7	4	0	0	0	0		25295

(* < 0.05%)

STATION: 46041

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	-	-	-	-	0.4	-	-	-	-	-	-	-	0.4	2
4.5 - 5.4	-	-	-	-	1.3	1.5	0.2	-	-	-	-	-	3.0	16
5.5 - 6.4	-	-	-	-	1.1	-	0.2	0.4	-	0.2	0.2	-	2.1	11
6.5 - 7.4	-	-	-	-	0.2	-	0.8	0.6	0.2	-	0.8	-	2.5	13
7.5 - 8.4	-	-	-	-	-	-	1.5	4.0	2.5	0.8	0.2	-	9.0	47
8.5 - 9.4	-	-	-	-	-	-	2.5	3.8	2.3	0.8	0.2	-	9.5	50
9.5 - 10.4	-	-	-	-	-	-	-	1.9	3.0	1.9	1.5	-	8.4	44
10.5 - 11.4	-	-	-	-	-	-	0.8	0.6	0.8	3.0	4.2	-	9.3	49
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	-	-	-	-	-	0.4	0.2	-	3.4	10.9	-	14.9	78
13.5 - 14.4	-	-	-	-	-	-	0.8	-	-	6.7	16.4	-	23.8	125
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	-	-	-	-	-	-	-	0.4	5.3	8.4	-	14.1	74
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	-	-	-	-	-	-	-	0.6	1.3	1.1	-	3.0	16
TOTAL %	0.0	0.0	0.0	0.0	3.0	1.5	7.0	11.4	9.7	23.4	43.8	0.0	100.0	
TOTAL N	0	0	0	0	16	8	37	60	51	123	230	0		525

(* < 0.05%)

STATION: 46041

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	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
5.5 - 6.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
6.5 - 7.4	-	-	-	-	-	-	0.2	0.4	0.4	-	-	-	0.9	5

7.5 - 8.4	-	-	-	-	-	-	-	1.5	1.1	-	-	-	2.6	14
8.5 - 9.4	-	-	-	-	-	-	0.4	1.7	0.2	-	-	-	2.2	12
9.5 - 10.4	-	-	-	-	-	-	0.9	3.0	1.1	0.7	-	-	5.8	31
10.5 - 11.4	-	-	-	-	-	-	1.1	2.2	1.7	3.9	0.9	-	9.9	53
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	-	-	-	-	-	-	0.9	1.9	17.4	1.9	-	22.0	118
13.5 - 14.4	-	-	-	-	-	-	-	-	0.4	23.7	6.3	-	30.4	163
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	-	-	-	-	-	-	-	0.2	10.4	7.5	-	18.1	97
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	-	-	-	-	-	-	-	-	6.5	1.5	-	8.0	43
TOTAL %	0.0	0.0	0.0	0.0	0.0	0.0	2.6	9.7	6.9	62.7	18.1	0.0	100.0	
TOTAL N	0	0	0	0	0	0	14	52	37	336	97	0		536

(* < 0.05%)

STATION: 46041

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	-	-	-	-	-	-	-	-	-	-	-	-	0.0	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	-	-	-	-	-	0.2	2
4.5 - 5.4	-	-	-	-	-	0.2	0.5	0.1	-	-	-	-	0.8	7
5.5 - 6.4	-	-	-	-	-	-	0.7	0.4	1.1	-	-	-	2.1	18
6.5 - 7.4	-	-	-	-	-	-	0.2	1.1	0.1	-	-	-	1.4	12
7.5 - 8.4	-	-	-	-	-	-	0.4	2.8	1.5	0.7	-	-	5.4	46
8.5 - 9.4	-	-	-	-	-	-	-	1.9	1.6	1.1	0.1	-	4.7	40
9.5 - 10.4	-	-	-	-	-	-	-	2.5	1.6	3.4	3.3	-	10.8	92
10.5 - 11.4	-	-	-	-	-	-	-	0.9	2.1	7.2	5.1	-	15.3	130
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	-	-	-	-	-	-	0.2	1.8	11.0	5.5	-	18.6	158
13.5 - 14.4	-	-	-	-	-	-	-	-	0.4	14.6	7.4	-	22.3	190
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	-	-	-	-	-	-	-	-	10.6	4.1	-	14.7	125
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	-	-	-	-	-	-	-	-	3.3	0.4	-	3.6	31
TOTAL %	0.0	0.0	0.0	0.0	0.0	0.4	1.9	9.9	10.2	51.8	25.9	0.0	100.0	
TOTAL N	0	0	0	0	0	3	16	84	87	441	220	0		851

(* < 0.05%)

STATION: 46041

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	-	-	0.1	0.1	0.4	5
4.5 - 5.4	-	-	-	-	-	-	-	0.4	-	0.1	0.1	0.3	1.0	13
5.5 - 6.4	-	-	-	-	-	-	0.1	1.4	0.1	0.1	0.2	0.1	2.0	27
6.5 - 7.4	-	-	-	-	-	-	1.5	0.7	0.8	0.2	0.4	0.1	3.7	50
7.5 - 8.4	-	-	-	-	-	-	0.1	0.9	2.1	3.4	2.9	-	9.4	126
8.5 - 9.4	-	-	-	-	-	-	0.7	2.2	0.8	4.9	4.1	-	12.8	171
9.5 - 10.4	-	-	-	-	-	-	0.1	1.6	1.8	7.2	8.4	-	19.1	256
10.5 - 11.4	-	-	-	-	-	-	-	-	0.6	7.3	9.0	-	16.9	226
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	-	-	-	-	-	-	-	1.2	9.2	8.2	-	18.6	249
13.5 - 14.4	-	-	-	-	-	-	-	1.7	0.9	3.1	6.2	-	11.9	160
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	-	-	-	-	-	-	0.4	0.6	1.6	1.3	-	4.0	53
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	-	-	-	-	-	-	-	-	0.2	-	-	0.2	3
TOTAL %	0.0	0.0	0.0	0.0	0.0	0.0	2.6	9.5	8.9	37.4	41.0	0.6	100.0	
TOTAL N	0	0	0	0	0	0	35	127	119	501	549	8		1339

(* < 0.05%)

STATION: 46041

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	-	-	-	-	-	-	-	0.1	-	-	-	-	0.1	1
3.5 - 4.4	0.1	-	-	-	-	0.1	0.1	0.2	0.1	-	-	-	0.6	8
4.5 - 5.4	-	-	-	-	-	-	0.1	0.4	0.1	-	-	-	0.6	9
5.5 - 6.4	-	-	-	-	-	-	0.2	0.1	0.5	-	0.3	0.1	1.2	17
6.5 - 7.4	-	-	-	-	-	-	1.3	0.1	1.0	0.9	2.5	0.4	6.2	88
7.5 - 8.4	-	-	-	-	-	-	0.5	1.0	1.3	6.5	8.4	1.0	18.8	265
8.5 - 9.4	-	-	-	-	-	-	0.1	1.5	1.8	8.2	9.3	0.1	21.0	297
9.5 - 10.4	-	-	-	-	-	-	-	1.7	2.7	11.7	6.8	0.1	22.9	324
10.5 - 11.4	-	-	-	-	-	-	-	0.4	0.7	6.7	4.1	0.1	12.1	171
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	-	-	-	-	-	-	0.1	0.1	3.2	3.5	-	6.9	98
13.5 - 14.4	-	-	-	-	-	-	-	0.8	0.8	2.3	1.6	-	5.6	79
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	-	-	-	-	-	-	3.0	0.9	-	-	-	3.9	55

TOTAL % 0.1 0.0 0.0 0.0 0.0 0.1 2.3 9.5 10.1 39.6 36.5 1.8 100.0

TOTAL N 2 0 0 0 0 1 33 134 142 559 516 25 1412

(* < 0.05%)

STATION: 46041

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	-	-	-	-	-	-	0.1	1
3.5 - 4.4	0.1	-	-	-	-	0.2	0.2	0.1	0.1	-	0.1	1.0	1.7	32
4.5 - 5.4	-	-	-	-	-	-	0.2	0.1	0.6	0.5	0.5	0.2	2.1	40
5.5 - 6.4	-	-	-	-	-	-	0.3	0.1	0.2	0.8	3.2	1.3	5.9	112
6.5 - 7.4	-	-	-	-	-	-	0.4	1.0	0.8	4.2	8.9	0.9	16.3	312
7.5 - 8.4	0.1	-	-	-	-	-	0.1	0.6	1.4	8.7	15.4	0.3	26.6	509
8.5 - 9.4	-	-	-	-	-	-	0.6	0.5	0.9	6.1	7.6	0.1	15.7	300
9.5 - 10.4	-	-	-	-	-	-	1.0	0.2	0.2	7.2	5.6	-	14.2	272
10.5 - 11.4	-	-	-	-	-	-	0.1	0.1	0.1	4.6	3.0	-	7.8	150
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	-	-	-	-	-	-	0.1	-	0.8	1.9	-	2.9	55
13.5 - 14.4	-	-	-	-	-	-	-	1.3	0.4	0.5	0.6	-	2.8	54
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	-	-	0.1	-	-	-	2.5	0.7	-	0.1	-	3.3	64
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	-	-	-	-	-	0.1	0.3	0.2	-	-	-	0.5	10

TOTAL % 0.1 0.0 0.0 0.1 0.0 0.2 2.9 6.7 5.6 33.5 47.1 3.8 100.0

TOTAL N 2 0 0 1 0 4 55 128 107 641 900 73 1911

(* < 0.05%)

STATION: 46041

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	1
3.5 - 4.4	-	-	-	-	-	-	0.1	*	*	*	*	0.7	1.0	29
4.5 - 5.4	-	-	-	-	-	-	-	0.1	0.1	0.1	0.6	0.5	1.4	39
5.5 - 6.4	-	-	-	-	-	-	0.1	0.1	0.5	0.8	3.3	0.2	4.8	138
6.5 - 7.4	-	-	-	*	-	-	0.1	0.3	0.8	3.6	13.4	0.8	19.1	547
7.5 - 8.4	-	-	-	-	-	-	0.3	0.2	1.5	8.9	29.6	0.8	41.4	1184
8.5 - 9.4	-	-	-	-	-	-	-	*	1.2	3.1	9.7	0.3	14.3	410
9.5 - 10.4	-	-	-	-	-	-	-	-	0.1	1.5	4.6	-	6.2	177
10.5 - 11.4	-	-	-	-	-	-	-	-	*	0.4	0.8	-	1.2	34
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	-	-	-	-	-	-	0.1	*	0.5	*	-	0.6	18

13.5 - 14.4	-	-	-	-	-	-	-	3.5	0.5	1.0	0.1	-	5.2	148
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	-	-	-	-	-	0.1	3.0	0.5	0.9	0.2	-	4.7	134
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	-	-	-	-	-	-	-	0.1	-	-	-	0.1	2
TOTAL %	0.0	0.0	0.0	0.0	0.0	0.0	0.8	7.4	5.3	20.8	62.3	3.3	100.0	
TOTAL N	0	0	0	1	0	0	23	213	151	596	1782	95		2861

(* < 0.05%)

STATION: 46041

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	1
3.5 - 4.4	-	-	-	-	-	*	0.1	-	-	-	0.1	0.4	0.6	17
4.5 - 5.4	-	-	-	-	-	-	0.2	0.4	0.1	0.1	0.7	0.4	2.0	54
5.5 - 6.4	-	-	-	-	-	-	*	0.2	0.4	2.3	5.0	0.1	8.1	220
6.5 - 7.4	-	-	-	-	-	-	0.1	0.4	0.6	4.7	9.8	0.2	15.8	430
7.5 - 8.4	0.1	-	-	-	-	-	*	0.5	0.5	10.4	20.5	0.1	32.2	879
8.5 - 9.4	*	-	-	-	-	-	-	*	-	6.3	7.3	-	13.7	374
9.5 - 10.4	-	-	-	-	-	-	-	-	-	5.0	5.0	-	10.0	274
10.5 - 11.4	-	-	-	-	-	-	-	-	*	3.3	2.3	-	5.6	154
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	*	-	-	-	-	-	-	*	0.5	1.5	1.1	-	3.2	88
13.5 - 14.4	-	-	-	-	-	-	*	0.9	1.2	1.1	0.6	-	3.9	107
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	*	-	-	-	-	0.1	1.6	1.1	0.5	0.4	*	3.8	103
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	-	-	-	-	-	-	-	0.4	0.5	0.1	*	1.1	29
TOTAL %	0.2	0.0	0.0	0.0	0.0	0.0	0.6	4.1	5.0	35.8	53.0	1.3	100.0	
TOTAL N	5	1	0	0	0	1	17	113	136	976	1446	35		2730

(* < 0.05%)

STATION: 46041

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	2
4.5 - 5.4	-	-	-	-	-	-	-	-	-	*	0.4	0.1	0.5	13
5.5 - 6.4	-	-	-	-	-	-	*	0.1	0.2	0.9	2.4	-	3.6	90
6.5 - 7.4	-	-	-	-	-	-	-	0.6	0.4	0.5	2.6	*	4.2	105
7.5 - 8.4	*	-	-	-	-	-	0.1	0.3	0.4	4.8	12.0	0.2	17.8	442
8.5 - 9.4	-	-	-	-	-	-	-	0.1	0.4	6.4	10.1	0.1	17.2	428
9.5 - 10.4	-	-	-	-	-	-	-	0.1	0.7	7.2	12.6	*	20.6	513
10.5 - 11.4	-	-	-	-	-	-	-	-	0.3	6.5	7.0	*	13.8	343
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	-	-	-	-	-	0.4	0.2	*	4.9	4.9	*	10.5	260
13.5 - 14.4	-	-	-	-	-	-	*	0.6	0.5	3.1	3.5	-	7.7	192
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	-	-	-	-	-	*	1.0	0.3	1.9	0.1	-	3.4	85
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	-	-	-	-	-	-	-	-	0.5	-	-	0.5	13
TOTAL %	0.0	0.0	0.0	0.0	0.0	0.0	0.6	3.1	3.3	36.8	55.7	0.5	100.0	
TOTAL N	1	0	0	0	0	0	15	76	81	916	1384	13		2486

(* < 0.05%)

STATION: 46041

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

Month: OCT

MEAN WAVE DIRECTION

19.5 - 20.4	-	-	-	-	-	-	-	-	0.1	3.3	0.8	-	4.1	114
TOTAL %	0.0	0.0	0.0	0.0	1.2	0.5	2.8	9.6	11.4	49.6	24.9	0.0	100.0	
TOTAL N	0	0	0	0	33	15	76	265	314	1371	689	0		2763
(* < 0.05%)														

STATION: 46041

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
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	0.1	0.1	*	-	*	0.1	0.4	15
4.5 - 5.4	-	-	-	-	-	0.1	0.2	0.3	0.1	*	0.1	0.1	0.8	29
5.5 - 6.4	-	-	-	-	-	-	0.3	0.7	0.5	0.1	0.2	0.1	1.7	62
6.5 - 7.4	-	-	-	-	-	-	1.1	0.6	0.7	0.4	1.1	0.2	4.2	150
7.5 - 8.4	-	-	-	-	-	-	0.3	1.4	1.7	4.0	4.4	0.4	12.1	437
8.5 - 9.4	-	-	-	-	-	-	0.3	1.8	1.4	5.3	5.2	*	14.1	508
9.5 - 10.4	-	-	-	-	-	-	0.1	1.8	2.1	8.1	6.6	*	18.7	672
10.5 - 11.4	-	-	-	-	-	-	-	0.4	1.0	7.1	6.1	0.1	14.6	527
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	-	-	-	-	-	-	0.1	0.9	7.3	5.7	-	14.0	505
13.5 - 14.4	-	-	-	-	-	-	-	1.0	0.7	5.5	4.7	-	11.9	429
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	-	-	-	-	-	-	1.3	0.6	3.1	1.5	-	6.5	233
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	-	-	-	-	-	-	-	-	0.9	0.1	-	0.9	34
TOTAL %	0.1	0.0	0.0	0.0	0.0	0.1	2.3	9.6	9.7	41.7	35.7	0.9	100.0	
TOTAL N	2	0	0	0	0	4	84	345	348	1501	1285	33		3602
(* < 0.05%)														

STATION: 46041

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

Months: JUN, JUL, AUG (Summer)

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	3
3.5 - 4.4	*	-	-	-	-	0.1	0.1	*	*	*	0.1	0.7	1.0	78
4.5 - 5.4	-	-	-	-	-	-	0.1	0.2	0.2	0.2	0.6	0.4	1.8	133
5.5 - 6.4	-	-	-	-	-	-	0.1	0.1	0.4	1.3	3.9	0.4	6.3	470
6.5 - 7.4	-	-	-	*	-	-	0.2	0.5	0.7	4.2	10.9	0.6	17.2	1289
7.5 - 8.4	*	-	-	-	-	-	0.2	0.5	1.1	9.4	22.7	0.4	34.3	2572
8.5 - 9.4	*	-	-	-	-	-	0.1	0.1	0.7	5.0	8.3	0.1	14.4	1084
9.5 - 10.4	-	-	-	-	-	-	0.3	*	0.1	4.2	5.0	-	9.6	723
10.5 - 11.4	-	-	-	-	-	-	*	*	*	2.5	1.9	-	4.5	338
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	*	-	-	-	-	-	-	0.1	0.2	0.9	0.9	-	2.1	161
13.5 - 14.4	-	-	-	-	-	-	*	2.0	0.7	0.9	0.4	-	4.1	309
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	*	-	*	-	-	0.1	2.4	0.8	0.5	0.3	*	4.0	301
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	-	-	-	-	-	*	0.1	0.2	0.2	*	*	0.5	41
TOTAL %	0.1	0.0	0.0	0.0	0.0	0.1	1.3	6.1	5.3	29.5	55.0	2.7	100.0	
TOTAL N	7	1	0	2	0	5	95	454	394	2213	4128	203		7502
(* < 0.05%)														

STATION: 46041

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

Months: SEP, OCT, NOV (Autumn)

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	6
4.5 - 5.4	-	-	-	-	0.1	0.2	0.2	*	-	*	0.1	*	0.7	52
5.5 - 6.4	-	-	-	-	0.1	0.1	0.2	0.1	0.2	0.3	1.0	-	2.0	155
6.5 - 7.4	-	-	-	-	*	0.1	0.4	0.6	0.4	0.3	1.6	*	3.2	255

7.5 - 8.4	*	-	-	-	-	-	0.4	1.2	0.7	2.6	5.6	0.1	10.6	837
8.5 - 9.4	*	-	-	-	-	-	0.2	0.7	1.2	4.2	5.0	0.1	11.3	895
9.5 - 10.4	-	-	-	-	-	-	0.2	1.1	1.6	6.4	7.7	*	17.1	1350
10.5 - 11.4	-	-	-	-	-	-	0.3	1.1	1.7	8.9	7.7	*	19.7	1553
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	-	-	-	-	-	0.3	1.0	1.0	8.3	6.8	*	17.3	1368
13.5 - 14.4	-	-	-	-	-	-	0.1	0.3	0.8	5.8	4.7	-	11.7	925
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	-	-	-	-	-	*	0.6	0.4	2.6	1.5	-	5.1	405
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	-	-	-	-	-	-	-	0.1	0.8	0.2	-	1.1	85
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 %	0.0	0.0	0.0	0.0	0.3	0.4	2.1	6.9	8.0	40.1	42.0	0.3	100.0	
TOTAL N	2	0	0	0	21	29	163	541	634	3168	3314	20		7892

(* < 0.05%)

STATION: 46041

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	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	-	-	-	-	0.4	0.4	-	2.7	1.5	3.0	6.7	-	14.7	77
1.5 - 2.4	-	-	-	-	2.1	1.1	3.6	4.4	4.2	5.3	14.7	-	35.4	186
2.5 - 3.4	-	-	-	-	0.6	-	1.5	1.9	2.5	8.2	10.5	-	25.1	132
3.5 - 4.4	-	-	-	-	-	-	0.4	1.5	0.8	3.0	8.8	-	14.5	76
4.5 - 5.4	-	-	-	-	-	-	0.2	1.0	0.4	1.0	1.7	-	4.2	22
5.5 - 6.4	-	-	-	-	-	-	0.6	-	0.2	2.5	1.3	-	4.6	24
6.5 - 7.4	-	-	-	-	-	-	0.2	-	0.2	0.4	0.2	-	1.0	5
7.5 - 8.4	-	-	-	-	-	-	0.2	-	-	-	-	-	0.2	1
8.5 - 9.4	-	-	-	-	-	-	0.2	-	-	-	-	-	0.2	1
9.5 - 10.4	-	-	-	-	-	-	0.2	-	-	-	-	-	0.2	1
TOTAL %	0.0	0.0	0.0	0.0	3.0	1.5	7.0	11.4	9.7	23.4	43.8	0.0	100.0	
TOTAL N	0	0	0	0	16	8	37	60	51	123	230	0		525

(* < 0.05%)

STATION: 46041

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	-	-	-	-	-	-	-	-	0.2	2.1	0.7	-	3.0	16
1.5 - 2.4	-	-	-	-	-	-	0.2	2.8	0.9	25.7	7.8	-	37.5	201
2.5 - 3.4	-	-	-	-	-	-	0.9	3.5	1.9	24.8	9.0	-	40.1	215
3.5 - 4.4	-	-	-	-	-	-	0.6	1.7	1.7	4.5	0.6	-	9.0	48
4.5 - 5.4	-	-	-	-	-	-	0.6	0.9	1.5	4.3	-	-	7.3	39
5.5 - 6.4	-	-	-	-	-	-	0.4	0.6	-	0.9	-	-	1.9	10
6.5 - 7.4	-	-	-	-	-	-	-	0.2	0.6	0.4	-	-	1.1	6
7.5 - 8.4	-	-	-	-	-	-	-	-	0.2	-	-	-	0.2	1
TOTAL %	0.0	0.0	0.0	0.0	0.0	0.0	2.6	9.7	6.9	62.7	18.1	0.0	100.0	
TOTAL N	0	0	0	0	0	0	14	52	37	336	97	0		536

(* < 0.05%)

STATION: 46041

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	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	-	-	-	-	-	0.4	1.1	1.1	0.8	1.3	1.4	-	6.0	51
1.5 - 2.4	-	-	-	-	-	-	0.1	0.7	0.5	10.2	7.9	-	19.4	165
2.5 - 3.4	-	-	-	-	-	-	0.4	4.6	5.2	16.8	11.3	-	38.2	325
3.5 - 4.4	-	-	-	-	-	-	0.4	3.3	2.7	14.8	4.2	-	25.4	216
4.5 - 5.4	-	-	-	-	-	-	-	0.2	0.9	6.5	0.9	-	8.6	73
5.5 - 6.4	-	-	-	-	-	-	-	-	0.1	2.2	0.1	-	2.5	21
TOTAL %	0.0	0.0	0.0	0.0	0.0	0.4	1.9	9.9	10.2	51.8	25.9	0.0	100.0	
TOTAL N	0	0	0	0	0	3	16	84	87	441	220	0		851

(* < 0.05%)

STATION: 46041

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	-	-	-	-	-	-	-	3.4	4.9	10.3	5.5	0.4	24.4	327
1.5 - 2.4	-	-	-	-	-	-	1.0	2.1	1.6	19.4	24.0	0.2	48.4	648
2.5 - 3.4	-	-	-	-	-	-	1.5	3.7	0.7	4.7	10.3	-	20.9	280
3.5 - 4.4	-	-	-	-	-	-	0.1	0.4	0.9	2.2	1.3	-	4.8	64
4.5 - 5.4	-	-	-	-	-	-	-	-	0.7	0.8	-	-	1.5	20
TOTAL %	0.0	0.0	0.0	0.0	0.0	0.0	2.6	9.5	8.9	37.4	41.0	0.6	100.0	
TOTAL N	0	0	0	0	0	0	35	127	119	501	549	8		1339

(* < 0.05%)

STATION: 46041

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	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	0.1	-	-	-	-	0.1	0.1	4.6	3.4	8.7	8.5	0.5	26.1	368
1.5 - 2.4	-	-	-	-	-	-	1.5	3.2	4.9	22.6	22.1	1.2	55.5	783
2.5 - 3.4	-	-	-	-	-	-	0.4	1.6	1.8	6.2	4.2	0.1	14.2	200
3.5 - 4.4	-	-	-	-	-	-	0.3	0.1	-	1.4	0.4	-	2.3	32
4.5 - 5.4	-	-	-	-	-	-	-	-	-	0.6	1.3	-	1.8	26
5.5 - 6.4	-	-	-	-	-	-	-	-	-	0.1	0.1	-	0.2	3
TOTAL %	0.1	0.0	0.0	0.0	0.0	0.1	2.3	9.5	10.1	39.6	36.5	1.8	100.0	
TOTAL N	2	0	0	0	0	1	33	134	142	559	516	25		1412

(* < 0.05%)

STATION: 46041

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	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	0.1	-	-	0.1	-	0.2	0.4	5.2	4.9	16.6	24.5	3.4	55.3	1057
1.5 - 2.4	0.1	-	-	-	-	-	1.2	1.0	0.3	16.2	17.4	0.3	36.4	696
2.5 - 3.4	-	-	-	-	-	-	1.0	0.4	0.4	0.8	5.1	0.1	7.8	150
3.5 - 4.4	-	-	-	-	-	-	0.3	0.1	-	-	-	-	0.4	8
TOTAL %	0.1	0.0	0.0	0.1	0.0	0.2	2.9	6.7	5.6	33.5	47.1	3.8	100.0	
TOTAL N	2	0	0	1	0	4	55	128	107	641	900	73		1911

(* < 0.05%)

STATION: 46041

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	-	-	-	-	-	-	-	-	*	-	-	-	0.0	1
0.5 - 1.4	-	-	-	*	-	-	0.3	7.0	3.9	16.6	41.6	2.0	71.4	2042
1.5 - 2.4	-	-	-	-	-	-	0.3	0.4	1.4	4.2	19.2	1.2	26.6	761
2.5 - 3.4	-	-	-	-	-	-	0.2	0.1	-	-	1.2	0.2	1.7	49
3.5 - 4.4	-	-	-	-	-	-	-	-	-	-	0.3	-	0.3	8
TOTAL %	0.0	0.0	0.0	0.0	0.0	0.0	0.8	7.4	5.3	20.8	62.3	3.3	100.0	
TOTAL N	0	0	0	1	0	0	23	213	151	596	1782	95		2861

(* < 0.05%)

STATION: 46041

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	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	0.1	*	-	-	-	*	0.4	2.9	4.5	26.1	31.4	1.0	66.6	1817
1.5 - 2.4	0.1	-	-	-	-	-	0.1	0.8	0.4	9.3	20.2	0.3	31.1	850
2.5 - 3.4	-	-	-	-	-	-	*	0.4	0.1	0.3	0.9	-	1.7	46

3.5 - 4.4	-	-	-	-	-	-	-	-	-	-	0.1	0.5	-	0.6	17
TOTAL %	0.2	0.0	0.0	0.0	0.0	0.0	0.6	4.1	5.0	35.8	53.0	1.3	100.0		
TOTAL N	5	1	0	0	0	1	17	113	136	976	1446	35		2730	

(* < 0.05%)

STATION: 46041

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	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	*	-	-	-	-	-	0.6	2.1	1.9	12.9	15.5	0.2	33.2	825
1.5 - 2.4	-	-	-	-	-	-	*	0.8	1.2	18.3	31.7	0.4	52.4	1302
2.5 - 3.4	-	-	-	-	-	-	-	0.2	0.1	5.2	6.5	-	12.1	300
3.5 - 4.4	-	-	-	-	-	-	-	-	-	0.4	1.7	-	2.1	52
4.5 - 5.4	-	-	-	-	-	-	-	-	-	*	0.2	-	0.3	7
TOTAL %	0.0	0.0	0.0	0.0	0.0	0.0	0.6	3.1	3.3	36.8	55.7	0.5	100.0	
TOTAL N	1	0	0	0	0	0	15	76	81	916	1384	13		2486

(* < 0.05%)

STATION: 46041

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	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	*	-	-	-	-	0.1	*	1.1	1.1	7.3	7.9	0.1	17.6	482
1.5 - 2.4	-	-	-	-	*	0.1	0.8	0.6	1.8	16.8	21.1	0.1	41.4	1134
2.5 - 3.4	-	-	-	-	-	-	0.4	1.4	2.8	10.1	13.0	-	27.6	757
3.5 - 4.4	-	-	-	-	*	0.1	0.4	1.3	0.9	2.6	3.5	-	8.9	243
4.5 - 5.4	-	-	-	-	-	-	0.4	0.3	0.3	0.4	0.7	-	2.0	55
5.5 - 6.4	-	-	-	-	-	-	0.1	0.1	-	0.4	0.3	-	1.0	27
6.5 - 7.4	-	-	-	-	-	-	0.1	0.2	0.1	0.1	0.2	-	0.7	19
7.5 - 8.4	-	-	-	-	-	-	-	0.1	*	0.1	0.2	-	0.4	12
8.5 - 9.4	-	-	-	-	-	-	-	*	-	-	0.1	-	0.2	5
9.5 - 10.4	-	-	-	-	-	-	-	-	-	-	0.1	-	0.1	4
TOTAL %	0.0	0.0	0.0	0.0	0.1	0.2	2.3	5.0	7.0	37.9	47.2	0.3	100.0	
TOTAL N	1	0	0	0	2	6	62	136	193	1038	1293	7		2738

(* < 0.05%)

STATION: 46041

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	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	-	-	-	-	-	0.1	0.2	0.3	0.4	2.2	2.0	-	5.1	137
1.5 - 2.4	-	-	-	-	0.7	0.7	0.5	1.1	2.1	16.7	9.2	-	31.0	826
2.5 - 3.4	-	-	-	-	-	*	0.4	3.2	4.1	14.4	7.2	-	29.4	784
3.5 - 4.4	-	-	-	-	*	0.1	1.1	2.9	3.3	8.3	4.3	-	20.1	536
4.5 - 5.4	-	-	-	-	-	-	0.5	2.7	2.3	3.3	0.9	-	9.8	261
5.5 - 6.4	-	-	-	-	-	-	0.2	1.6	0.7	0.5	0.1	-	3.2	86
6.5 - 7.4	-	-	-	-	-	-	0.2	0.4	0.4	*	*	-	1.2	31
7.5 - 8.4	-	-	-	-	-	-	-	0.1	0.2	-	-	-	0.3	7
TOTAL %	0.0	0.0	0.0	0.0	0.7	0.9	3.2	12.3	13.5	45.5	23.9	0.0	100.0	
TOTAL N	0	0	0	0	19	23	86	329	360	1214	637	0		2668

(* < 0.05%)

STATION: 46041

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	-	-	0.9	5.2	2.5	-	8.6	147
1.5 - 2.4	-	-	-	-	1.0	0.4	-	1.2	3.9	13.6	5.0	-	25.0	426
2.5 - 3.4	-	-	-	-	-	-	0.1	1.5	3.0	15.1	4.1	-	23.7	403
3.5 - 4.4	-	-	-	-	-	-	0.7	2.1	2.6	12.6	5.3	-	23.3	397
4.5 - 5.4	-	-	-	-	-	-	0.7	2.8	2.1	4.9	2.4	-	12.8	218
5.5 - 6.4	-	-	-	-	-	-	-	1.4	0.8	1.1	1.3	-	4.6	79
6.5 - 7.4	-	-	-	-	-	-	-	0.1	-	0.5	0.2	-	0.9	15
7.5 - 8.4	-	-	-	-	-	-	-	-	-	0.5	0.2	-	0.7	12

8.5 - 9.4	-	-	-	-	-	-	-	-	-	-	-	-	0.2	-	0.2	4
9.5 - 10.4	-	-	-	-	-	-	-	-	-	-	-	-	0.1	-	0.1	1
TOTAL %	0.0	0.0	0.0	0.0	1.0	0.4	1.5	9.0	13.3	53.6	21.3	0.0	100.0			
TOTAL N	0	0	0	0	17	7	25	153	226	912	362	0	1702			

(* < 0.05%)

STATION: 46041

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	*	-	-	-	-	-	-	-	*	-	-	-	0.0	1
0.5 - 1.4	*	*	-	*	*	0.1	0.3	2.7	2.6	11.4	15.9	0.8	33.8	7346
1.5 - 2.4	*	-	-	-	0.2	0.1	0.6	1.2	1.7	14.3	18.1	0.4	36.7	7978
2.5 - 3.4	-	-	-	-	*	*	0.4	1.4	1.6	7.1	6.1	*	16.7	3641
3.5 - 4.4	-	-	-	-	*	*	0.3	0.9	0.9	3.4	2.2	-	7.8	1697
4.5 - 5.4	-	-	-	-	-	-	0.2	0.6	0.6	1.3	0.6	-	3.3	721
5.5 - 6.4	-	-	-	-	-	-	0.1	0.3	0.2	0.4	0.2	-	1.1	250
6.5 - 7.4	-	-	-	-	-	-	*	0.1	0.1	0.1	0.1	-	0.3	76
7.5 - 8.4	-	-	-	-	-	-	*	*	*	0.1	*	-	0.2	33
8.5 - 9.4	-	-	-	-	-	-	*	*	-	-	*	-	0.0	10
9.5 - 10.4	-	-	-	-	-	-	*	-	-	-	*	-	0.0	6
TOTAL %	0.1	0.0	0.0	0.0	0.2	0.2	1.9	7.4	7.8	37.9	43.3	1.2	100.0	
TOTAL N	11	1	0	2	54	53	418	1605	1690	8253	9416	256	21759	

(* < 0.05%)

STATION: 46041

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	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	-	-	-	-	0.1	0.1	-	0.5	0.9	4.2	2.9	-	8.7	240
1.5 - 2.4	-	-	-	-	1.0	0.4	0.7	2.1	3.4	14.4	7.4	-	29.4	813
2.5 - 3.4	-	-	-	-	0.1	-	0.5	2.0	2.7	15.7	6.2	-	27.1	750
3.5 - 4.4	-	-	-	-	-	-	0.6	1.9	2.1	9.2	5.1	-	18.9	521
4.5 - 5.4	-	-	-	-	-	-	0.6	2.1	1.6	4.1	1.8	-	10.1	279
5.5 - 6.4	-	-	-	-	-	-	0.2	1.0	0.5	1.3	1.0	-	4.1	113
6.5 - 7.4	-	-	-	-	-	-	*	0.1	0.1	0.5	0.2	-	0.9	26
7.5 - 8.4	-	-	-	-	-	-	*	-	*	0.3	0.1	-	0.5	14
8.5 - 9.4	-	-	-	-	-	-	*	-	-	-	0.1	-	0.2	5
9.5 - 10.4	-	-	-	-	-	-	*	-	-	-	*	-	0.1	2
TOTAL %	0.0	0.0	0.0	0.0	1.2	0.5	2.8	9.6	11.4	49.6	24.9	0.0	100.0	
TOTAL N	0	0	0	0	33	15	76	265	314	1371	689	0	2763	

(* < 0.05%)

STATION: 46041

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	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	0.1	-	-	-	-	0.1	0.3	3.3	3.4	7.6	5.7	0.3	20.7	746
1.5 - 2.4	-	-	-	-	-	-	1.0	2.2	2.6	18.5	19.4	0.6	44.3	1596
2.5 - 3.4	-	-	-	-	-	-	0.8	3.1	2.2	8.1	8.1	*	22.3	805
3.5 - 4.4	-	-	-	-	-	-	0.2	1.0	1.0	4.9	1.6	-	8.7	312
4.5 - 5.4	-	-	-	-	-	-	-	0.1	0.5	2.1	0.7	-	3.3	119
5.5 - 6.4	-	-	-	-	-	-	-	-	*	0.6	0.1	-	0.7	24
TOTAL %	0.1	0.0	0.0	0.0	0.0	0.1	2.3	9.6	9.7	41.7	35.7	0.9	100.0	
TOTAL N	2	0	0	0	0	4	84	345	348	1501	1285	33	3602	

(* < 0.05%)

STATION: 46041

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	-	-	-	-	-	-	-	-	*	-	-	-	0.0	1
0.5 - 1.4	0.1	*	-	*	-	0.1	0.4	5.0	4.4	20.1	33.5	2.0	65.5	4916
1.5 - 2.4	*	-	-	-	-	-	0.5	0.7	0.7	9.1	19.1	0.6	30.8	2307
2.5 - 3.4	-	-	-	-	-	-	0.3	0.3	0.1	0.3	2.1	0.1	3.3	245
3.5 - 4.4	-	-	-	-	-	-	0.1	*	-	*	0.3	-	0.4	33
TOTAL %	0.1	0.0	0.0	0.0	0.0	0.1	1.3	6.1	5.3	29.5	55.0	2.7	100.0	

TOTAL N 7 1 0 2 0 5 95 454 394 2213 4128 203 7502
 (* < 0.05%)

STATION: 46041

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	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	*	-	-	-	-	0.1	0.3	1.1	1.1	7.3	8.3	0.1	18.3	1444	
1.5 - 2.4	-	-	-	-	0.2	0.3	0.5	0.8	1.7	17.3	20.4	0.2	41.3	3262	
2.5 - 3.4	-	-	-	-	-	*	0.3	1.6	2.4	10.0	9.0	-	23.3	1841	
3.5 - 4.4	-	-	-	-	*	0.1	0.5	1.4	1.4	3.8	3.2	-	10.5	831	
4.5 - 5.4	-	-	-	-	-	-	0.3	1.0	0.9	1.3	0.6	-	4.1	323	
5.5 - 6.4	-	-	-	-	-	-	0.1	0.6	0.2	0.3	0.2	-	1.4	113	
6.5 - 7.4	-	-	-	-	-	-	0.1	0.2	0.2	0.1	0.1	-	0.6	50	
7.5 - 8.4	-	-	-	-	-	-	-	0.1	0.1	0.1	0.1	-	0.2	19	
8.5 - 9.4	-	-	-	-	-	-	-	*	-	-	0.1	-	0.1	5	
9.5 - 10.4	-	-	-	-	-	-	-	-	-	-	0.1	-	0.1	4	
TOTAL %	0.0	0.0	0.0	0.0	0.3	0.4	2.1	6.9	8.0	40.1	42.0	0.3	100.0		
TOTAL N	2	0	0	0	21	29	163	541	634	3168	3314	20	7892		

(* < 0.05%)

Summary complete: 09-Sep-2003 07:59:39