

989	7	9	-	-	6	9	-	-	-	-	-	-	-	-	-	-	-	-	13	2
988	6	7	-	-	4	7	-	-	-	-	-	-	-	-	-	-	-	-	1	3
987	3	5	-	-	12	6	-	-	-	-	-	-	-	-	-	-	-	-	1	3
986	5	5	-	-	3	3	-	-	-	-	-	-	-	-	-	-	-	-	1	3
985	6	3	-	-	1	2	-	-	-	-	-	-	-	-	-	-	-	-	2	2
984	3	2	-	-	3	2	-	-	-	-	-	-	-	-	-	-	-	-	1	2
983	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1
982	2	1	-	-	3	1	-	-	-	-	-	-	-	-	-	-	-	-	3	2
981	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	1
980	1	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	*
979	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0
978	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0
977	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0
976	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0
975	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0
974	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0
973	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0
972	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0
971	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0
970	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0
969	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0
968	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0
967	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0
966	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0
965	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0
964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0
963	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0
962	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0
961	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0
960	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0
959	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0
958	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0
957	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0
956	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0
955	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0
954	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0
953	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0
952	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0
951	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0
950	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0
949	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0
948	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0
947	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0
946	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0
945	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	1
944	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0
943	-	-	-	-	-	-	-	-	-	-	2	1	-	-	-	-	-	-	-	2
942	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0
MEAN	1016.0	1017.4	1020.3	1020.8	1020.3	1021.5	1021.7	1020.2	1018.1	1020.6	1018.7	1019.2	1019.6							
S.D.	10.2	8.0	8.4	6.2	5.5	3.9	2.4	3.3	4.7	4.7	7.7	9.0	6.8							
TOTAL	3666	3355	3693	3565	3682	3556	3773	3752	3580	4192	4928	4030	45772							
MAX	1036.0	1035.0	1033.5	1036.3	1034.5	1032.1	1028.2	1028.3	1028.9	1031.4	1033.5	1034.9	1036.3							
DATE	1997010620	1997021318	2000031707	1997040120	2001050120	1995060606	1996071920	2000081620	1997092719	1996102618	1996112619	1996121407	1997040120							
MIN	980.1	990.0	982.1	1001.6	996.1	999.4	1014.8	1011.5	942.7	1002.0	996.8	979.8	942.7							
DATE	1995010705	2001021916	1995030911	2000041704	2000051416	2001062616	2000070710	1997082602	1999090106	1997100110	1997112218	1995121209	1999090106							

(* < 0.05% , # = 100.0%)

STATION: 46059

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

ELEMENT: AVERAGE WIND SPEED (KNOTS) -- POR: (10/1994 - 12/2001) (56462 RECORDS, 90.2% HAVE ELEMENT)

	JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC		ANN		
	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	
45	1	#	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	#	
44	1	999	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	999	
43	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999	
42	4	999	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	999	
41	2	999	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	999	
40	3	998	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	999	
39	2	998	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	#	3	999
38	2	997	1	#	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	999
37	2	997	1	999	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	#	2	999	8	999	
36	3	996	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	#	1	999	5	999	10	999	
35	4	996	1	999	1	#	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	999	4	998	15	999	
34	8	995	2	999	2	999	-	-	-	-	-	-	-	-	-	-	-	-	4	999	7	998	4	997	27	999	
33	10	993	6	999	2	999	-	-	-	-	-	-	-	-	-	-	-	-	6	999	11	997	11	996	46	999	
32	19	991	13	998	1	999	1	#	-	-	-	-	-	-	-	-	-	-	3	998	16	995	8	994	61	998	
31	25	987	18	995	11	999	1	999	-	-	-	-	-	-	-	-	-	-	7	997	11	991	11	992	84	997	
30	31	982	27	991	12	997	5	999	-	-	-	-	-	-	-	-	-	-	4	996	20	989	17	990	116	995	

Table with 20 columns and 35 rows of data. Rows 1-34 contain numerical data. Row 35 is a summary row with labels: MEAN, S.D., TOTAL, MAX, DATE, MIN, DATE. A final row contains asterisks and percentages: (* < 0.05% , # = 100.0%).

STATION: 46059

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: (10/1994 - 12/2001) (56426 RECORDS, 90.2% HAVE ELEMENT)

Table with 14 columns representing months (JAN-DEC) and ANN (Annual), and 2 columns for F and CPF. Rows 60-29 contain wind frequency data for each month and the annual total.

MIN 1.1 0.0 0.0 0.0 0.9 0.7 0.0 0.0 0.9 0.0 0.0 0.0
DATE 1999010815 2000022616 2001032804 2000041418 1997052514 2001063015 2000072313 2001082515 2000092706 2001102316 2001111021 2000121602 2001111021
(* < 0.05% , # = 100.0%)

STATION: 46059

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

ELEMENT: AVERAGE WAVE PERIOD (SECONDS) -- POR: (10/1994 - 12/2001) (61763 RECORDS, 98.7% HAVE ELEMENT)

Table with columns: JAN, FEB, MAR, APR, MAY, JUN, JUL, AUG, SEP, OCT, NOV, DEC, ANN. Rows include frequency data for values 16 down to 0, and summary statistics like MEAN, S.D., TOTAL, and MAX.

STATION: 46059

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

ELEMENT: DOMINANT WAVE PERIOD (SECONDS) -- POR: (10/1994 - 12/2001) (61763 RECORDS, 98.7% HAVE ELEMENT)

Table with columns: JAN, FEB, MAR, APR, MAY, JUN, JUL, AUG, SEP, OCT, NOV, DEC, ANN. Rows include frequency data for values 25 down to 0, and summary statistics like MEAN, S.D., TOTAL, and MAX.

ELEMENT SUMMARY FOR STATION: 46059
 (A) TOTAL STDNET RECORDS READ = 62580
 (B) TOTAL CWIND RECORDS READ = 105546
 (C) TOTAL RECORDS USED IN STATS = 168126

	AIR TMP	SEA TMP	AIR-SEA	DEWPT	SLP	AVWS	PKGS-8M	PKGS-5S	SIGWVHT	AVWVPD	DWVPD	VSBY
(D) ELEMENT RECORDS AVAILABLE	45799	61368	45281	0	45772	56462	56426	17346	61773	61763	61763	0
(E) ELEMENT OUT OF RANGE	16781	1212	17299	62580	16808	6118	6154	88200	807	817	817	62580

STATION: 46059 -- POR (10/1994 - 12/2001)

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

ELEMENT: AIR TEMPERATURE (DEGREES C)

YEAR	ELEMENT	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1994	MEAN	-	-	-	-	-	-	-	-	-	17.3	14.2	13.1	14.3
	MAXIMUM	-	-	-	-	-	-	-	-	-	19.1	18.4	16.4	19.1
	DAY-HR	-	-	-	-	-	-	-	-	-	28-01	01-10	20-11	OCT
	MINIMUM	-	-	-	-	-	-	-	-	-	14.8	10.3	9.4	9.4
	DAY-HR	-	-	-	-	-	-	-	-	-	19-09	15-21	04-17	DEC
	# OBS	-	-	-	-	-	-	-	-	-	307	710	736	1753
1995	MEAN	13.3	12.8	12.0	12.4	12.8	14.6	17.1	18.0	19.0	17.7	16.7	15.8	15.2
	MAXIMUM	16.0	14.9	15.9	14.9	15.3	16.8	18.8	19.6	21.1	19.9	18.8	18.8	21.1
	DAY-HR	09-01	19-02	09-08	26-03	28-00	30-02	27-02	28-02	17-20	17-23	17-20	12-09	SEP
	MINIMUM	9.4	8.8	6.3	10.1	10.9	12.7	14.1	15.9	17.1	15.8	14.6	12.8	6.3
	DAY-HR	15-15	14-16	22-15	14-23	05-21	10-13	07-05	16-21	28-22	23-08	05-15	24-16	MAR
	# OBS	729	664	740	708	741	711	739	743	713	742	714	740	8684
1996	MEAN	14.4	13.1	12.9	14.0	13.8	15.2	16.3	17.9	18.4	17.7	16.3	14.6	15.4
	MAXIMUM	16.8	16.7	15.6	16.5	16.6	17.5	17.5	20.3	19.9	20.4	18.6	17.8	20.4
	DAY-HR	06-20	04-21	26-23	23-19	21-08	09-22	31-23	31-02	15-06	05-00	19-04	31-17	OCT
	MINIMUM	11.0	8.0	9.8	10.6	11.7	12.9	15.2	16.1	16.0	14.1	13.7	10.6	8.0
	DAY-HR	21-12	24-23	18-14	17-08	08-06	13-11	14-11	02-11	23-11	29-20	16-06	08-10	FEB
	# OBS	733	686	740	734	736	711	830	791	713	734	685	733	8826
1997	MEAN	14.1	13.4	13.1	13.5	16.6	16.5	17.9	19.3	19.2	17.4	16.0	14.0	16.1
	MAXIMUM	16.8	15.6	16.1	16.0	19.5	18.2	19.6	21.1	20.6	21.1	19.5	16.0	21.1
	DAY-HR	09-21	01-00	18-20	20-02	17-21	03-02	31-23	05-03	30-23	01-10	02-00	02-19	OCT
	MINIMUM	9.8	11.8	9.5	10.6	12.9	14.8	16.0	16.7	17.3	13.9	11.9	10.2	9.5
	DAY-HR	22-08	28-17	30-21	05-16	01-14	29-16	14-14	26-02	26-04	10-14	29-20	08-00	MAR
	# OBS	735	658	739	712	739	712	727	738	716	738	702	260	8176
1999	MEAN	-	-	-	-	-	-	-	-	-	15.7	14.9	12.7	14.0
	MAXIMUM	-	-	-	-	-	-	-	-	-	18.0	17.6	14.9	18.0
	DAY-HR	-	-	-	-	-	-	-	-	-	27-16	11-19	02-05	OCT
	MINIMUM	-	-	-	-	-	-	-	-	-	14.1	11.3	10.6	10.6
	DAY-HR	-	-	-	-	-	-	-	-	-	26-12	29-21	14-05	DEC
	# OBS	-	-	-	-	-	-	-	-	-	199	687	743	1629
2000	MEAN	11.8	11.3	10.3	11.3	12.2	14.0	16.2	17.7	17.5	16.6	14.7	14.2	14.0
	MAXIMUM	14.1	13.7	12.2	13.4	14.9	15.7	19.6	19.6	19.1	18.8	16.8	16.0	19.6
	DAY-HR	11-07	06-22	18-23	27-00	27-03	18-02	31-23	25-02	27-19	07-18	06-00	02-22	AUG
	MINIMUM	8.7	7.9	7.2	7.1	9.7	11.8	13.0	15.2	16.0	13.7	11.9	11.7	7.1
	DAY-HR	30-18	23-04	05-17	16-20	11-08	01-15	06-13	04-17	01-22	29-18	11-08	18-16	APR
	# OBS	728	681	734	698	727	711	739	743	719	737	716	741	8674
2001	MEAN	12.6	10.8	10.7	10.8	12.7	14.7	15.8	17.6	17.9	16.5	14.9	12.3	14.1
	MAXIMUM	15.6	14.1	13.3	13.4	15.2	18.0	18.0	20.7	21.4	19.1	17.6	14.8	21.4
	DAY-HR	07-11	04-20	29-02	24-21	23-22	30-23	01-01	31-01	03-23	11-22	02-00	02-04	SEP
	MINIMUM	9.5	7.8	7.1	7.6	10.2	12.3	13.8	14.9	15.5	12.6	11.8	9.4	7.1
	DAY-HR	31-14	12-01	03-17	04-12	02-16	04-14	08-10	13-12	24-12	27-17	26-11	03-05	MAR
	# OBS	741	667	740	716	738	714	739	736	717	741	717	91	8057
POR	MEAN	13.2	12.3	11.8	12.4	13.6	15.0	16.7	18.1	18.4	17.1	15.4	14.0	14.9
	MAXIMUM	16.8	16.7	16.1	16.5	19.5	18.2	19.6	21.1	21.4	21.1	19.5	18.8	21.4
	YEAR	1997	1996	1997	1996	1997	1997	2000	1997	2001	1997	1997	1995	SEP/2001
	MINIMUM	8.7	7.8	6.3	7.1	9.7	11.8	13.0	14.9	15.5	12.6	10.3	9.4	6.3
	YEAR	2000	2001	1995	2000	2000	2000	2000	2001	2001	2001	1994	2001	MAR/1995
	# OBS	3666	3356	3693	3568	3681	3559	3774	3751	3578	4198	4931	4044	45799

STATION: 46059 -- POR (10/1994 - 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
1994	MEAN	-	-	-	-	-	-	-	-	-	18.4	16.6	14.4	16.0
	MAXIMUM	-	-	-	-	-	-	-	-	-	19.1	18.3	15.2	19.1
	DAY-HR	-	-	-	-	-	-	-	-	-	23-22	02-04	18-03	OCT
	MINIMUM	-	-	-	-	-	-	-	-	-	18.3	15.2	13.6	13.6
	DAY-HR	-	-	-	-	-	-	-	-	-	31-23	30-09	30-02	DEC
	# OBS	-	-	-	-	-	-	-	-	-	307	710	736	1753
1995	MEAN	13.4	13.7	13.2	13.4	13.8	14.9	17.8	18.5	19.9	18.6	16.9	16.5	15.9
	MAXIMUM	14.5	14.9	14.4	14.8	15.2	16.4	19.1	19.8	21.0	19.8	17.6	17.2	21.0
	DAY-HR	09-00	23-00	30-02	26-03	03-03	30-23	29-02	31-02	18-01	02-02	18-23	07-14	SEP
	MINIMUM	12.8	13.4	12.1	12.1	13.1	13.7	16.0	17.6	19.1	16.7	16.0	15.9	12.1
	DAY-HR	28-04	17-19	24-20	18-19	07-15	02-19	02-14	01-16	03-08	30-12	09-11	28-07	APR
	# OBS	729	664	740	708	741	711	739	743	713	742	714	740	8684
1996	MEAN	15.4	14.7	14.0	14.5	15.1	15.9	16.8	18.1	18.7	18.7	17.0	15.4	16.2
	MAXIMUM	16.4	15.2	15.2	15.7	16.7	17.5	17.3	19.8	19.5	20.3	17.6	16.5	20.3
	DAY-HR	02-01	07-11	28-00	13-01	20-01	10-00	31-23	31-03	15-11	07-00	01-13	01-03	OCT
	MINIMUM	14.9	13.3	12.8	13.4	14.1	14.9	16.0	17.3	18.1	17.6	16.0	14.9	12.8
	DAY-HR	28-11	29-17	13-21	02-14	08-18	01-17	01-20	02-18	06-17	31-23	21-18	30-11	MAR
	# OBS	234	686	740	734	736	710	830	791	713	734	685	733	8326
1997	MEAN	15.2	14.6	14.3	13.8	16.6	17.7	18.5	19.6	20.3	18.8	17.4	15.0	16.8
	MAXIMUM	16.0	14.9	14.9	15.2	18.8	18.8	19.6	21.2	21.4	20.3	19.1	16.7	21.4
	DAY-HR	04-10	28-10	24-03	26-00	25-09	06-04	31-03	06-02	07-00	03-17	02-01	01-15	SEP
	MINIMUM	14.5	14.4	13.3	12.8	14.4	17.2	17.2	18.8	19.9	18.0	16.0	14.4	12.8
	DAY-HR	31-20	18-19	31-09	08-17	04-16	14-13	04-18	10-04	30-17	31-21	29-20	30-15	APR
	# OBS	735	658	739	710	739	711	727	738	716	738	702	741	8654
1998	MEAN	13.7	12.8	12.6	12.8	13.7	14.5	16.6	18.5	19.2	18.1	16.0	13.9	15.3
	MAXIMUM	15.2	13.3	14.1	14.1	14.4	15.4	18.4	30.0	19.9	19.5	17.2	14.9	30.0
	DAY-HR	01-04	05-21	20-01	29-23	31-03	06-00	20-03	27-03	16-02	09-01	02-23	02-20	AUG
	MINIMUM	12.9	12.5	12.1	12.1	13.3	14.1	14.9	17.3	18.8	16.8	14.9	13.4	12.1
	DAY-HR	26-17	28-14	21-04	06-17	17-17	02-14	05-16	03-18	01-18	30-16	30-23	26-20	APR
	# OBS	716	669	717	690	715	694	733	787	716	741	718	739	8635
1999	MEAN	13.3	12.3	11.9	11.9	12.9	15.0	16.3	18.6	17.8	16.8	15.8	14.4	14.8
	MAXIMUM	13.7	12.8	12.6	12.9	13.6	16.5	18.3	19.8	19.1	17.6	16.5	15.2	19.8
	DAY-HR	11-00	03-23	25-04	19-02	29-01	30-00	31-23	21-00	02-03	13-00	04-12	04-23	AUG
	MINIMUM	12.6	11.7	11.4	11.0	12.1	13.3	15.6	17.5	16.8	15.5	15.2	13.4	11.0
	DAY-HR	31-08	27-13	18-20	08-09	03-17	03-17	06-15	01-18	30-20	21-18	30-23	31-23	APR
	# OBS	741	660	716	719	744	718	732	731	710	694	687	743	8595
2000	MEAN	12.7	11.5	11.0	11.8	12.7	14.4	16.7	18.4	17.8	17.4	16.0	14.9	14.6
	MAXIMUM	13.4	12.1	12.2	13.4	14.4	15.2	20.3	19.6	18.8	18.4	16.5	15.7	20.3
	DAY-HR	06-03	10-02	27-00	26-02	29-05	30-23	30-00	01-01	03-01	19-02	09-06	11-04	JUL
	MINIMUM	11.8	11.0	10.2	11.0	12.1	13.4	15.2	17.6	16.8	16.5	15.3	14.2	10.2
	DAY-HR	31-15	27-05	08-09	01-22	17-16	02-17	01-16	30-14	07-14	31-23	30-15	24-17	MAR
	# OBS	728	681	734	698	727	708	737	743	719	732	715	741	8663
2001	MEAN	14.2	12.6	11.7	12.2	13.3	15.4	16.4	17.9	18.6	17.6	16.1	14.9	15.1
	MAXIMUM	14.9	14.1	12.8	14.5	14.5	18.0	17.6	20.4	21.2	18.8	17.3	15.2	21.2
	DAY-HR	09-09	05-01	27-03	25-22	31-23	29-02	02-02	27-01	04-01	08-01	08-01	02-10	SEP
	MINIMUM	13.4	11.0	11.3	11.7	12.1	14.4	15.7	16.4	17.5	16.4	14.5	14.4	11.0
	DAY-HR	31-19	24-01	15-11	15-19	05-19	05-17	11-15	02-19	21-17	28-03	20-20	03-09	FEB
	# OBS	741	666	740	715	739	714	739	738	718	740	717	91	8058
POR	MEAN	13.8	13.2	12.7	12.9	14.0	15.4	17.0	18.5	18.9	18.1	16.5	14.9	15.6
	MAXIMUM	16.4	15.2	15.2	15.7	18.8	18.8	20.3	30.0	21.4	20.3	19.1	17.2	30.0
	YEAR	1996	1996	1996	1996	1997	1997	2000	1998	1997	1997	1997	1995	AUG/1998
	MINIMUM	11.8	11.0	10.2	11.0	12.1	13.3	14.9	16.4	16.8	15.5	14.5	13.4	10.2
	YEAR	2000	2001	2000	2000	2001	1999	1998	2001	2000	1999	2001	1999	MAR/2000
	# OBS	4624	4684	5126	4974	5141	4966	5237	5271	5005	5428	5648	5264	61368

STATION: 46059 -- POR (10/1994 - 12/2001)

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

ELEMENT: SEA LEVEL PRESSURE (MILLIBARS)

YEAR	ELEMENT	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1994	MEAN	-	-	-	-	-	-	-	-	-	1021.8	1022.7	1018.7	1020.9
	MAXIMUM	-	-	-	-	-	-	-	-	-	1028.8	1031.9	1034.7	1034.7
	DAY-HR	-	-	-	-	-	-	-	-	-	30-17	21-19	08-18	DEC

	MINIMUM	-	-	-	-	-	-	-	-	-	1011.9	1007.4	1002.6	1002.6
	DAY-HR	-	-	-	-	-	-	-	-	-	25-13	09-04	23-19	DEC
	# OBS	-	-	-	-	-	-	-	-	-	307	710	735	1752
1995	MEAN	1005.8	1019.1	1014.7	1020.1	1020.8	1021.4	1020.3	1019.6	1019.3	1021.6	1021.2	1017.4	1018.4
	MAXIMUM	1024.0	1027.4	1032.5	1032.0	1028.0	1032.1	1027.4	1024.3	1026.7	1029.2	1032.8	1031.4	1032.8
	DAY-HR	17-05	19-08	26-19	14-19	18-17	06-06	29-22	18-20	30-19	12-20	27-08	31-19	NOV
	MINIMUM	980.1	1008.0	982.1	1004.6	1008.8	1007.8	1014.8	1013.4	1013.4	1010.3	1003.1	979.8	979.8
	DAY-HR	07-05	13-16	09-11	07-02	01-04	14-13	19-02	10-12	27-01	31-10	21-02	12-09	DEC
	# OBS	729	664	740	708	741	711	739	743	713	742	714	740	8684
1996	MEAN	1019.3	1014.5	1019.1	1020.3	1021.1	1023.3	1021.6	1021.4	1018.9	1020.8	1020.3	1015.6	1019.7
	MAXIMUM	1032.0	1027.2	1033.1	1032.2	1030.4	1029.7	1028.2	1026.5	1027.2	1031.4	1033.5	1034.9	1034.9
	DAY-HR	10-19	23-07	16-07	27-20	23-20	17-23	19-20	18-06	19-19	26-18	26-19	14-07	DEC
	MINIMUM	994.1	996.7	999.8	1002.2	1003.3	1010.4	1016.0	1013.3	1011.1	1011.7	997.5	989.8	989.8
	DAY-HR	30-23	20-00	04-16	01-01	17-13	26-15	03-11	28-03	15-04	09-12	22-01	31-22	DEC
	# OBS	733	686	740	734	736	710	830	791	713	734	685	733	8825
1997	MEAN	1016.8	1025.2	1023.7	1022.7	1017.5	1020.9	1022.1	1018.8	1017.2	1021.3	1013.5	1012.5	1019.7
	MAXIMUM	1036.0	1035.0	1032.8	1036.3	1027.1	1028.5	1025.2	1026.5	1028.9	1030.5	1026.9	1033.5	1036.3
	DAY-HR	06-20	13-18	09-21	01-20	01-06	23-20	01-21	06-18	27-19	12-20	01-08	09-19	APR
	MINIMUM	992.1	1011.3	1005.5	1008.6	1008.7	1008.0	1017.9	1011.5	1006.2	1002.0	996.8	991.3	991.3
	DAY-HR	01-00	03-14	16-13	18-14	14-03	03-13	04-12	26-02	25-03	01-10	22-18	04-16	DEC
	# OBS	735	658	739	711	739	711	727	737	716	738	702	247	8160
1999	MEAN	-	-	-	-	-	-	-	-	943.7	1020.3	1016.0	1027.0	1021.4
	MAXIMUM	-	-	-	-	-	-	-	-	945.1	1030.0	1033.0	1034.3	1034.3
	DAY-HR	-	-	-	-	-	-	-	-	01-00	31-20	21-19	24-19	DEC
	MINIMUM	-	-	-	-	-	-	-	-	942.7	1004.6	998.8	1013.6	942.7
	DAY-HR	-	-	-	-	-	-	-	-	01-06	27-15	07-14	08-23	SEP
	# OBS	-	-	-	-	-	-	-	-	3	199	687	743	1632
2000	MEAN	1018.9	1011.5	1022.8	1018.9	1019.9	1020.3	1022.3	1020.9	1018.2	1018.8	1021.8	1020.3	1019.6
	MAXIMUM	1035.1	1023.8	1033.5	1028.9	1028.9	1026.8	1027.3	1028.3	1028.3	1029.9	1029.0	1033.6	1035.1
	DAY-HR	05-19	29-19	17-07	23-20	11-21	13-21	19-21	16-20	05-20	31-17	01-07	17-18	JAN
	MINIMUM	996.6	990.2	1002.3	1001.6	996.1	1013.1	1014.8	1014.9	1009.0	1007.3	1004.1	1008.0	990.2
	DAY-HR	15-23	14-07	07-09	17-04	14-16	17-14	07-10	31-12	14-03	25-06	29-02	21-07	FEB
	# OBS	728	681	734	698	727	710	738	743	718	732	713	741	8663
2001	MEAN	1018.9	1017.0	1021.1	1021.7	1022.1	1021.6	1022.0	1020.0	1017.3	1020.3	1015.3	1013.5	1019.7
	MAXIMUM	1033.6	1029.7	1032.1	1029.8	1034.5	1026.7	1026.9	1027.3	1025.7	1028.7	1026.7	1028.9	1034.5
	DAY-HR	30-08	05-19	08-18	22-19	01-20	21-20	13-19	18-21	06-19	23-20	07-19	04-05	MAY
	MINIMUM	986.8	990.0	998.5	1006.9	1011.2	999.4	1018.1	1012.8	1005.7	1008.3	998.4	997.8	986.8
	DAY-HR	10-15	19-16	04-13	16-13	22-13	26-16	16-13	22-14	24-12	29-22	19-12	02-10	JAN
	# OBS	741	666	740	714	739	714	739	738	717	740	717	91	8056
POR	MEAN	1016.0	1017.4	1020.3	1020.8	1020.3	1021.5	1021.7	1020.2	1018.1	1020.6	1018.7	1019.2	1019.6
	MAXIMUM	1036.0	1035.0	1033.5	1036.3	1034.5	1032.1	1028.2	1028.3	1028.9	1031.4	1033.5	1034.9	1036.3
	YEAR	1997	1997	2000	1997	2001	1995	1996	2000	1997	1996	1996	1996	APR/1997
	MINIMUM	980.1	990.0	982.1	1001.6	996.1	999.4	1014.8	1011.5	942.7	1002.0	996.8	979.8	942.7
	YEAR	1995	2001	1995	2000	2000	2001	2000	1997	1999	1997	1997	1995	SEP/1999
	# OBS	3666	3355	3693	3565	3682	3556	3773	3752	3580	4192	4928	4030	45772

STATION: 46059 -- POR (10/1994 - 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
1994	MEAN	-	-	-	-	-	-	-	-	-	11.7	16.0	16.1	15.3
	MAXIMUM	-	-	-	-	-	-	-	-	-	21.8	36.0	28.8	36.0
	DAY-HR	-	-	-	-	-	-	-	-	-	25-10	10-15	23-20	NOV
	MINIMUM	-	-	-	-	-	-	-	-	-	0.8	1.6	0.4	0.4
	DAY-HR	-	-	-	-	-	-	-	-	-	24-06	13-22	02-13	DEC
	# OBS	-	-	-	-	-	-	-	-	-	307	710	736	1753
1995	MEAN	17.3	11.9	14.8	11.8	14.1	13.9	11.3	13.3	9.8	12.4	11.3	14.6	13.0
	MAXIMUM	34.6	28.2	35.0	29.9	27.4	21.8	25.7	24.7	21.6	21.6	27.4	38.7	38.7
	DAY-HR	07-06	07-03	09-11	12-12	14-05	16-01	31-12	01-14	28-12	21-13	21-02	12-09	DEC
	MINIMUM	1.0	0.6	0.4	0.4	0.4	2.1	0.2	0.2	0.2	1.0	0.6	0.8	0.2
	DAY-HR	19-00	21-11	15-15	03-03	07-15	03-09	06-16	27-08	23-04	30-16	15-20	25-12	SEP
	# OBS	648	664	740	704	741	711	739	743	712	742	714	740	8598
1996	MEAN	13.9	15.8	13.4	11.0	10.4	7.2	-	-	-	-	-	-	12.6
	MAXIMUM	32.5	30.9	31.3	25.1	27.0	13.8	-	-	-	-	-	-	32.5
	DAY-HR	29-22	24-23	04-19	16-14	21-15	04-15	-	-	-	-	-	-	JAN
	MINIMUM	0.6	1.0	0.8	1.2	0.4	2.1	-	-	-	-	-	-	0.4
	DAY-HR	25-22	29-19	31-14	02-10	10-11	02-09	-	-	-	-	-	-	MAY
	# OBS	733	686	740	734	736	182	-	-	-	-	-	-	3811

1997	MEAN	15.4	13.0	13.6	11.0	9.1	14.1	11.7	11.3	12.0	15.3	15.4	15.7	13.1
	MAXIMUM	34.0	28.6	29.0	24.3	22.9	24.7	22.6	23.5	21.4	28.2	34.0	35.8	35.8
	DAY-HR	25-23	03-14	18-21	03-15	28-02	03-07	26-02	08-18	13-14	01-10	18-23	12-21	DEC
	MINIMUM	1.0	1.0	1.0	0.2	0.4	3.3	2.3	1.2	0.8	3.3	0.8	1.4	0.2
	DAY-HR	28-16	02-12	13-04	06-22	11-17	16-11	04-00	03-02	24-16	12-20	11-08	27-15	APR
	# OBS	429	658	739	711	739	712	727	738	716	738	702	741	8350
1998	MEAN	16.7	18.3	14.0	12.6	13.7	15.3	12.6	12.0	13.9	14.1	15.7	15.8	14.5
	MAXIMUM	32.5	36.7	33.4	29.7	29.2	25.1	22.0	20.8	23.3	30.9	36.7	32.7	36.7
	DAY-HR	30-23	06-10	28-02	03-08	12-16	11-15	03-10	24-16	12-04	23-23	30-11	04-13	NOV
	MINIMUM	1.2	1.7	0.8	0.8	0.4	0.2	1.7	1.9	2.1	1.4	1.2	1.4	0.2
	DAY-HR	26-12	23-13	04-07	26-20	30-13	05-07	13-18	22-19	07-03	22-07	02-05	30-08	JUN
	# OBS	716	669	717	693	715	694	732	787	715	738	712	739	8627
1999	MEAN	14.4	17.4	15.7	15.2	14.7	13.8	13.2	10.5	17.2	13.4	15.3	12.0	14.4
	MAXIMUM	35.6	31.3	31.3	31.1	25.7	26.2	27.6	21.2	27.0	29.4	34.6	29.2	35.6
	DAY-HR	26-09	12-09	02-17	09-00	30-14	12-06	13-10	05-14	27-20	27-16	30-13	09-01	JAN
	MINIMUM	0.4	1.6	0.2	1.2	0.6	1.4	0.2	1.7	4.9	0.2	0.6	0.4	0.2
	DAY-HR	01-10	13-20	16-19	18-10	05-05	09-21	23-10	12-11	23-20	21-18	24-03	24-15	OCT
	# OBS	741	660	716	720	744	717	732	722	709	694	687	743	8585
2000	MEAN	13.2	15.6	13.0	11.0	12.5	15.7	10.6	12.3	12.3	14.8	14.0	11.9	13.1
	MAXIMUM	34.6	38.3	29.5	25.3	27.6	28.6	22.4	24.3	28.6	35.6	31.5	31.1	38.3
	DAY-HR	16-07	14-07	10-11	18-03	13-09	15-23	07-13	02-16	20-04	25-15	29-04	21-11	FEB
	MINIMUM	0.2	1.0	0.6	0.2	0.6	0.8	0.0	0.4	0.0	0.0	0.6	0.0	0.0
	DAY-HR	22-05	17-15	26-15	04-13	02-06	02-20	23-04	23-19	27-15	19-02	24-12	18-20	DEC
	# OBS	728	681	734	698	727	711	741	743	719	738	716	741	8677
2001	MEAN	15.3	18.5	13.8	13.4	13.2	10.9	14.7	9.0	11.4	13.5	13.7	22.8	13.5
	MAXIMUM	44.5	33.2	29.9	31.5	25.5	21.8	24.9	22.7	25.3	28.0	37.1	36.7	44.5
	DAY-HR	10-22	09-17	04-01	07-02	20-09	26-16	25-21	08-13	08-13	27-14	19-15	02-08	JAN
	MINIMUM	0.2	0.6	1.6	0.0	0.6	0.0	1.7	0.0	0.0	0.2	0.0	14.0	0.0
	DAY-HR	31-03	23-15	19-10	25-17	24-07	29-13	01-13	24-07	27-00	25-22	04-17	04-08	NOV
	# OBS	741	667	740	716	738	714	739	739	718	741	717	91	8061
POR	MEAN	15.1	15.8	14.0	12.3	12.5	13.7	12.4	11.4	12.8	13.8	14.5	14.5	13.6
	MAXIMUM	44.5	38.3	35.0	31.5	29.2	28.6	27.6	24.7	28.6	35.6	37.1	38.7	44.5
	YEAR	2001	2000	1995	2001	1998	2000	1999	1995	2000	2000	2001	1995	JAN/2001
	MINIMUM	0.2	0.6	0.2	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	YEAR	2001	2001	1999	2001	1998	2001	2000	2001	2001	2000	2001	2000	NOV/2001
	# OBS	4736	4685	5126	4976	5140	4441	4410	4472	4289	4698	4958	4531	56462

STATION: 46059 -- POR (10/1994 - 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
1994	MEAN	-	-	-	-	-	-	-	-	-	14.9	20.6	20.6	19.6
	MAXIMUM	-	-	-	-	-	-	-	-	-	26.8	47.2	36.5	47.2
	DAY-HR	-	-	-	-	-	-	-	-	-	25-12	10-15	20-01	NOV
	# OBS	-	-	-	-	-	-	-	-	-	307	710	736	1753
1995	MEAN	23.1	15.0	18.8	14.9	17.8	17.3	14.0	16.7	13.5	16.1	14.9	20.2	16.8
	MAXIMUM	50.2	34.2	54.6	38.1	34.6	27.0	32.7	31.1	28.8	27.6	39.9	52.9	54.6
	DAY-HR	07-10	07-02	09-10	12-12	12-22	16-13	31-12	01-14	28-12	04-01	21-02	12-13	MAR
	# OBS	648	664	740	703	741	711	739	743	712	742	714	739	8596
1996	MEAN	18.8	21.7	17.9	16.9	16.3	10.9	-	-	-	-	-	-	17.9
	MAXIMUM	41.4	44.7	40.8	35.0	37.1	19.1	-	-	-	-	-	-	44.7
	DAY-HR	29-22	24-22	04-17	16-14	21-12	04-14	-	-	-	-	-	-	FEB
	# OBS	733	686	740	734	736	182	-	-	-	-	-	-	3811
1997	MEAN	19.2	16.2	17.1	13.6	11.2	17.4	14.4	13.8	14.9	19.1	19.5	19.9	16.2
	MAXIMUM	43.9	37.9	37.3	30.5	28.6	30.1	27.4	28.2	25.9	36.0	46.3	45.7	46.3
	DAY-HR	25-23	03-14	18-21	03-15	28-02	07-23	26-00	08-18	13-17	08-19	26-18	12-21	NOV
	# OBS	429	658	739	710	738	711	727	738	716	738	702	740	8346
1998	MEAN	21.0	23.4	17.5	15.8	16.9	18.7	15.4	14.6	17.0	17.4	19.8	19.9	18.1
	MAXIMUM	42.8	47.8	42.6	36.2	38.9	30.7	26.8	26.0	29.0	37.7	49.0	43.4	49.0
	DAY-HR	29-09	06-10	28-08	03-08	12-16	11-22	03-16	31-23	12-02	23-23	30-11	04-03	NOV
	# OBS	716	669	717	693	714	694	730	784	715	738	712	739	8621
1999	MEAN	18.2	22.2	20.0	18.8	18.1	16.9	16.3	12.9	21.0	16.8	19.3	15.6	18.0
	MAXIMUM	45.7	41.6	39.1	42.6	33.0	35.0	33.0	25.3	34.0	37.5	42.4	37.1	45.7
	DAY-HR	26-09	12-09	15-05	09-00	30-06	12-06	13-06	05-14	27-00	27-15	30-13	09-01	JAN
	# OBS	741	660	716	717	744	717	731	720	709	694	687	743	8579

2000	MEAN	16.8	19.7	16.4	13.7	15.4	19.3	13.1	15.0	15.4	18.5	17.6	15.0	16.3
	MAXIMUM	45.7	46.9	36.2	31.3	35.0	35.6	27.8	29.5	34.0	50.2	39.5	42.4	50.2
	DAY-HR	16-07	14-07	10-11	18-03	13-09	15-23	07-12	02-20	21-11	25-15	29-16	21-11	OCT
	# OBS	728	681	734	698	727	708	737	743	719	731	715	741	8662
2001	MEAN	19.7	23.1	17.3	16.7	16.1	13.3	18.0	11.2	14.3	16.8	17.7	28.8	16.8
	MAXIMUM	59.3	43.2	37.1	36.7	31.1	27.6	29.9	29.7	30.7	34.0	52.9	50.2	59.3
	DAY-HR	10-22	09-17	04-01	07-12	02-11	01-14	26-02	08-05	08-12	18-09	19-15	02-08	JAN
	# OBS	741	665	740	715	739	714	739	739	718	740	717	91	8058
POR	MEAN	19.5	20.2	17.8	15.8	16.0	16.9	15.2	14.1	16.0	17.3	18.5	18.7	17.2
	MAXIMUM	59.3	47.8	54.6	42.6	38.9	35.6	33.0	31.1	34.0	50.2	52.9	52.9	59.3
	YEAR	2001	1998	1995	1999	1998	2000	1999	1995	2000	2000	2001	1995	JAN/2001
	# OBS	4736	4683	5126	4970	5139	4437	4403	4467	4289	4690	4957	4529	56426

STATION: 46059 -- POR (12/1999 - 12/2001)

2 - HIGHEST 5-SECOND AVERAGE DURING PAST HOUR -- MONTHLY & ANNUAL BY YEAR

ELEMENT: HOURLY PEAK WIND GUST (KNOTS)

YEAR	ELEMENT	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1999	MEAN	-	-	-	-	-	-	-	-	-	-	-	20.0	20.0
	MAXIMUM	-	-	-	-	-	-	-	-	-	-	-	20.0	20.0
	DAY-HR	-	-	-	-	-	-	-	-	-	-	-	31-23	DEC
	MINIMUM	-	-	-	-	-	-	-	-	-	-	-	20.0	20.0
	DAY-HR	-	-	-	-	-	-	-	-	-	-	-	31-23	DEC
	# OBS	-	-	-	-	-	-	-	-	-	-	-	1	1
2000	MEAN	18.6	21.7	17.9	15.1	16.8	20.5	14.5	16.4	16.7	20.3	19.4	16.4	17.8
	MAXIMUM	47.6	54.2	39.5	34.8	36.9	36.9	27.8	31.3	36.0	50.0	42.0	43.2	54.2
	DAY-HR	30-03	14-06	10-11	27-13	13-09	15-22	07-12	02-21	21-10	25-14	29-07	21-11	FEB
	MINIMUM	3.5	4.9	3.3	3.3	4.7	4.1	0.2	2.7	1.0	1.9	2.5	1.7	0.2
	DAY-HR	26-14	07-06	26-14	24-03	02-05	02-16	22-08	05-06	03-08	07-17	12-18	09-02	JUL
	# OBS	728	681	734	698	727	707	726	738	717	731	716	741	8644
2001	MEAN	21.7	25.4	18.6	18.5	17.2	14.5	19.5	12.5	15.7	18.3	19.5	20.8	18.5
	MAXIMUM	59.7	45.1	37.1	39.3	31.3	28.4	31.5	29.9	31.1	34.8	57.7	57.3	59.7
	DAY-HR	11-08	12-06	04-00	07-04	02-14	01-14	25-21	09-03	08-12	18-05	19-14	02-07	JAN
	MINIMUM	3.7	3.1	5.4	1.4	3.1	1.2	3.7	1.4	1.6	3.1	1.9	2.9	1.2
	DAY-HR	01-02	04-18	19-11	24-18	13-13	29-12	01-12	24-06	04-16	05-12	02-00	08-08	JUN
	# OBS	741	666	740	715	738	714	738	737	716	738	716	742	8701
POR	MEAN	20.1	23.5	18.2	16.8	17.0	17.5	17.0	14.5	16.2	19.3	19.5	18.6	18.2
	MAXIMUM	59.7	54.2	39.5	39.3	36.9	36.9	31.5	31.3	36.0	50.0	57.7	57.3	59.7
	YEAR	2001	2000	2000	2001	2000	2000	2001	2000	2000	2000	2001	2001	JAN/2001
	MINIMUM	3.5	3.1	3.3	1.4	3.1	1.2	0.2	1.4	1.0	1.9	1.9	1.7	0.2
	YEAR	2000	2001	2000	2001	2001	2001	2000	2001	2000	2000	2001	2000	JUL/2000
	# OBS	1469	1347	1474	1413	1465	1421	1464	1475	1433	1469	1432	1484	17346

STATION: 46059 -- POR (10/1994 - 12/2001)

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

ELEMENT: SIGNIFICANT WAVE HEIGHT (METERS)

YEAR	ELEMENT	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1994	MEAN	-	-	-	-	-	-	-	-	-	2.7	3.5	3.9	3.6
	MAXIMUM	-	-	-	-	-	-	-	-	-	4.5	10.4	7.3	10.4
	DAY-HR	-	-	-	-	-	-	-	-	-	28-00	10-15	18-19	NOV
	# OBS	-	-	-	-	-	-	-	-	-	307	702	735	1744
1995	MEAN	4.5	2.6	3.3	2.6	2.4	2.3	1.7	1.9	2.0	2.5	2.6	4.0	2.7
	MAXIMUM	9.8	5.3	9.3	6.5	5.0	4.7	4.7	4.1	5.4	4.9	5.5	10.9	10.9
	DAY-HR	22-07	06-22	23-05	08-06	14-11	10-18	31-20	01-14	25-00	22-06	06-01	12-14	DEC
	# OBS	728	664	740	705	741	711	738	743	711	742	714	740	8677
1996	MEAN	3.0	3.7	2.8	3.1	2.1	1.8	2.2	1.8	2.1	2.6	2.6	3.4	2.6
	MAXIMUM	5.6	7.2	5.6	7.8	4.8	2.9	3.3	2.8	3.7	5.5	6.5	6.3	7.8
	DAY-HR	21-07	24-18	05-02	16-17	18-18	15-10	23-05	28-12	16-21	26-07	19-11	06-00	APR
	# OBS	733	686	740	734	736	710	830	791	713	734	685	733	8825
1997	MEAN	3.1	3.0	2.9	2.2	1.9	2.1	1.7	1.8	2.3	2.9	3.7	3.6	2.6
	MAXIMUM	6.8	6.2	5.8	3.5	4.0	4.1	3.7	3.9	6.6	6.4	8.3	9.4	9.4
	DAY-HR	26-00	10-04	02-23	23-17	14-11	04-03	26-15	09-01	26-23	09-12	14-10	13-13	DEC
	# OBS	735	658	739	709	738	711	727	738	716	737	702	741	8651

1998	MEAN	4.2	5.4	3.2	2.9	2.4	2.2	1.8	1.7	2.4	2.7	3.9	3.8	3.0
	MAXIMUM	8.4	8.6	7.0	5.8	4.9	4.1	2.9	2.7	4.3	5.6	9.8	8.7	9.8
	DAY-HR	29-23	17-12	13-04	03-07	01-13	13-00	03-14	31-23	22-05	24-21	24-01	04-11	NOV
	# OBS	716	666	717	692	712	692	733	784	706	734	708	735	8595
1999	MEAN	3.4	4.6	4.1	2.7	2.4	2.1	1.9	1.4	2.5	2.7	3.2	3.0	2.8
	MAXIMUM	9.6	9.8	7.7	9.1	4.8	4.7	4.7	2.7	4.8	11.5	7.2	6.4	11.5
	DAY-HR	26-15	16-16	29-18	06-00	31-00	13-17	13-14	23-10	26-18	28-04	19-02	10-07	OCT
	# OBS	741	660	716	713	742	718	729	727	709	694	687	743	8579
2000	MEAN	2.9	3.9	3.4	2.3	2.1	2.5	1.6	1.8	2.1	3.1	3.1	3.1	2.7
	MAXIMUM	9.5	8.8	7.0	5.5	4.4	6.0	3.0	3.7	5.2	8.9	6.3	10.1	10.1
	DAY-HR	31-03	27-11	03-12	28-06	14-16	16-15	10-18	03-05	21-05	29-07	30-14	22-10	DEC
	# OBS	727	680	734	698	727	710	735	742	718	736	713	738	8658
2001	MEAN	4.2	3.6	3.0	2.6	2.1	1.6	2.0	1.7	2.2	2.5	3.7	5.6	2.7
	MAXIMUM	14.1	9.3	6.4	5.6	5.2	3.4	3.9	4.3	4.4	6.6	9.8	8.8	14.1
	DAY-HR	11-08	09-22	25-17	07-11	01-23	27-14	26-04	23-09	27-09	24-00	21-10	03-07	JAN
	# OBS	741	665	740	715	738	714	737	737	712	738	716	91	8044
POR	MEAN	3.6	3.8	3.2	2.6	2.2	2.1	1.9	1.7	2.2	2.7	3.3	3.6	2.7
	MAXIMUM	14.1	9.8	9.3	9.1	5.2	6.0	4.7	4.3	6.6	11.5	10.4	10.9	14.1
	YEAR	2001	1999	1995	1999	2001	2000	1999	2001	1999	1999	1994	1995	JAN/2001
	# OBS	5121	4679	5126	4966	5134	4966	5229	5262	4985	5422	5627	5256	61773

STATION: 46059

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	0.0	-	*	-	-	-	-	-	*	-	*	-	0.1	0.1	6
1 - 3		0.2	0.3	0.3	0.3	0.2	0.2	0.3	0.2	0.3	0.2	0.3	0.1	0.3	145
4 - 6		1.0	0.7	0.6	0.6	0.3	0.6	0.7	0.8	0.8	0.5	0.5	0.6	7.6	362
7 - 10		2.4	1.8	0.9	0.6	0.9	1.5	1.3	2.0	1.6	1.6	1.4	1.9	17.8	843
11 - 15		1.4	0.7	0.4	0.5	1.0	1.4	3.4	4.8	3.8	3.8	2.4	1.9	25.6	1211
16 - 20		0.3	0.5	*	0.3	0.5	1.2	4.8	5.3	3.5	2.2	2.7	1.8	23.1	1095
21 - 24		0.3	0.2	*	0.1	0.4	1.0	2.4	2.2	1.6	1.7	1.8	1.0	12.7	601
25 - 33		0.4	0.1	*	0.1	0.4	1.0	2.2	1.0	0.9	1.5	1.0	0.8	9.3	440
34 - 47		-	-	-	-	-	-	-	-	0.1	0.1	0.4	0.1	0.7	32
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.0	6.0	4.3	2.3	2.5	3.6	6.8	15.0	16.4	12.5	11.8	10.2	8.5	100.0	
TOTAL N	0	286	203	110	119	172	323	708	778	591	558	485	402		4735

(* < 0.05%)

STATION: 46059

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

Month: FEB

WIND SPEED	CALM	WIND DIRECTION												TOT %	TOT N
		35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
0	0.0	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1 - 3		0.3	0.2	0.1	0.1	0.1	0.1	0.2	0.3	0.2	0.1	0.3	0.2	2.2	105
4 - 6		0.6	0.5	0.4	0.4	0.3	0.6	0.4	0.7	0.5	0.4	0.6	0.5	6.1	284
7 - 10		1.6	1.3	1.2	0.7	0.6	1.3	2.0	1.9	1.4	1.3	1.1	1.4	15.7	735
11 - 15		1.5	1.9	1.0	1.0	1.3	1.5	3.0	3.6	2.1	3.2	2.4	2.1	24.7	1159
16 - 20		2.4	0.8	0.2	0.3	0.6	2.0	3.1	4.1	3.3	3.3	2.5	2.6	25.2	1179
21 - 24		1.9	0.1	-	0.1	0.2	0.5	2.3	1.9	1.8	2.5	2.2	2.5	16.0	751
25 - 33		0.8	*	-	-	0.1	0.7	1.3	1.3	0.7	2.4	1.3	1.3	10.0	467
34 - 47		-	-	-	-	-	-	*	*	*	*	-	-	0.1	5
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.0	9.0	4.9	2.9	2.7	3.3	6.7	12.3	13.7	10.1	13.4	10.5	10.6	100.0	
TOTAL N	0	423	228	135	126	155	312	576	643	471	627	491	498		4685

(* < 0.05%)

STATION: 46059

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

Month: MAR

WIND SPEED	CALM	WIND DIRECTION												TOT %	TOT N
		35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
0	0.0	-	-	-	-	-	-	*	-	-	-	*	-	0.0	2
1 - 3		0.4	0.3	0.2	0.3	0.2	0.3	0.2	0.2	0.3	0.3	0.1	0.4	2.9	150
4 - 6		0.6	0.5	0.4	0.5	0.6	0.3	0.5	0.5	0.6	0.8	1.0	1.1	7.4	378
7 - 10		3.2	1.4	0.8	0.4	1.0	0.7	1.5	1.6	1.6	2.9	2.2	3.2	20.6	1054
11 - 15		5.4	1.6	1.1	0.6	0.7	1.1	1.9	2.4	2.6	3.0	3.9	6.2	30.5	1562
16 - 20		4.0	0.8	0.2	0.2	0.8	0.9	2.1	2.5	2.0	2.1	3.1	3.8	22.5	1155

21 - 24	1.5	0.1	0.1	*	0.3	0.9	1.3	0.8	1.0	1.1	1.4	2.5	10.9	560
25 - 33	0.2	0.2	*	-	0.3	0.5	1.0	0.4	0.2	0.6	0.9	0.9	5.1	262
34 - 47	-	-	-	-	-	-	-	0.1	-	-	-	-	0.1	3
> 48	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.0	15.2	4.8	2.8	2.0	3.8	4.6	8.6	8.4	8.2	10.9	12.6	18.0	100.0
TOTAL N	0	777	247	145	103	197	236	441	433	421	557	648	921	5126

(* < 0.05%)

STATION: 46059

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

Month: APR

		WIND DIRECTION												TOT %	TOT N
WIND SPEED	CALM	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
0	0.1	-	-	-	0.1	-	*	*	*	*	*	-	0.1	0.4	18
1 - 3		0.4	0.3	0.4	0.3	0.2	0.2	0.4	0.4	0.4	0.5	0.3	0.4	4.4	217
4 - 6		0.9	0.6	0.8	0.7	0.2	0.4	1.0	1.5	1.4	1.3	1.0	0.9	10.9	544
7 - 10		2.9	1.2	1.3	1.1	0.4	0.6	2.4	3.1	3.7	3.5	3.3	3.0	26.5	1320
11 - 15		5.2	1.8	0.4	0.3	0.4	0.7	1.9	3.5	3.0	2.8	4.1	6.2	30.2	1502
16 - 20		3.6	0.3	*	-	0.1	0.2	0.9	1.5	1.5	2.6	2.4	5.1	18.1	899
21 - 24		2.0	*	-	-	-	0.2	0.2	0.5	0.4	0.7	1.3	1.9	7.3	362
25 - 33		0.2	-	-	-	-	*	0.2	*	-	0.1	0.7	1.1	2.3	113
34 - 47		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.1	15.2	4.3	2.9	2.6	1.3	2.4	6.9	10.5	10.5	11.6	13.1	18.7	100.0	
TOTAL N	5	756	216	144	127	65	118	343	521	522	579	651	928		4975

(* < 0.05%)

STATION: 46059

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

Month: MAY

		WIND DIRECTION												TOT %	TOT N
WIND SPEED	CALM	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
0	0.0	-	*	-	-	-	-	*	*	*	-	-	-	0.1	5
1 - 3		0.5	0.2	0.2	0.2	0.1	0.4	0.3	0.4	0.3	0.5	0.3	0.1	3.6	184
4 - 6		0.8	0.7	0.5	0.2	0.4	0.4	0.8	1.0	0.9	1.3	1.0	0.8	8.8	450
7 - 10		3.6	2.0	1.1	0.5	0.4	1.1	2.2	2.3	1.7	2.5	3.3	3.1	23.8	1223
11 - 15		7.0	2.0	0.4	0.7	0.3	1.0	2.2	2.7	2.6	2.7	4.9	9.1	35.3	1816
16 - 20		8.5	1.1	*	0.2	0.3	0.5	1.1	0.9	0.8	1.1	1.7	5.8	21.8	1122
21 - 24		2.7	*	-	-	0.1	0.2	0.4	0.1	0.2	0.3	0.6	0.8	5.3	273
25 - 33		0.3	-	-	*	*	0.1	*	-	-	*	0.3	0.6	1.3	67
34 - 47		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.0	23.4	6.0	2.2	1.8	1.6	3.4	6.9	7.4	6.5	8.5	12.1	20.2	100.0	
TOTAL N	0	1202	309	112	92	81	177	356	379	333	437	623	1039		5140

(* < 0.05%)

STATION: 46059

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	0.1	*	*	-	-	-	-	-	*	-	-	-	-	0.2	8
1 - 3		0.4	0.2	*	*	0.1	0.2	0.2	0.3	0.2	0.4	0.4	0.5	3.0	131
4 - 6		0.9	0.2	0.1	*	*	0.2	0.5	0.7	1.0	0.7	1.2	1.1	6.6	292
7 - 10		3.7	0.2	-	-	0.1	0.3	1.5	1.5	2.0	2.1	2.3	3.2	16.8	744
11 - 15		11.6	0.7	-	-	-	0.2	0.6	1.6	2.1	2.2	4.9	12.2	36.0	1598
16 - 20		16.1	1.1	-	-	-	-	0.4	0.6	0.3	0.5	1.6	8.7	29.3	1303
21 - 24		5.0	-	-	-	-	-	0.4	-	*	-	0.1	2.0	7.5	333
25 - 33		0.6	-	-	-	-	-	*	-	-	*	-	*	0.7	31
34 - 47		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.1	38.3	2.4	0.1	0.1	0.2	0.8	3.7	4.7	5.7	5.9	10.4	27.6	100.0	
TOTAL N	4	1701	108	5	3	9	35	164	209	252	264	461	1225		4440

(* < 0.05%)

STATION: 46059

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	0.1	*	*	-	*	*	*	-	*	-	-	*	*	0.3	13
1 - 3		0.3	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.3	0.2	0.4	0.4	2.5	112

4 - 6	1.6	0.6	0.3	0.2	0.4	0.3	0.2	0.3	0.4	1.1	2.1	2.6	10.0	442
7 - 10	6.2	1.1	*	*	0.1	0.4	0.3	0.5	0.8	2.3	5.3	9.5	26.6	1171
11 - 15	14.5	0.9	*	-	0.2	0.2	0.1	0.4	0.4	0.9	2.4	12.7	32.8	1444
16 - 20	14.4	0.8	-	-	0.4	*	-	-	-	0.1	-	5.5	21.2	933
21 - 24	5.6	0.3	-	-	-	-	-	-	-	-	-	0.2	6.1	270
25 - 33	0.5	-	-	-	-	-	-	-	-	-	-	-	0.5	24
34 - 47	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.1	43.1	4.0	0.6	0.3	1.3	1.0	0.7	1.2	1.8	4.6	10.2	31.0	100.0
TOTAL N	5	1900	177	25	15	56	45	33	55	80	203	450	1365	4409

(* < 0.05%)

STATION: 46059

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	0.0	-	-	-	-	-	-	-	-	0.1	*	*	-	0.2	8
1 - 3		0.4	0.3	0.2	0.1	0.1	0.1	0.1	0.4	0.7	0.7	0.5	0.3	3.8	171
4 - 6		1.8	0.6	0.2	*	-	0.2	0.4	1.4	2.0	1.5	1.8	2.1	12.0	538
7 - 10		7.6	1.0	0.3	*	-	0.2	0.8	1.3	2.1	2.7	3.9	8.3	28.1	1529
11 - 15		15.6	1.4	-	-	-	-	0.9	2.0	0.9	1.1	1.9	11.3	35.1	1572
16 - 20		11.9	1.3	-	-	-	-	0.3	0.4	-	0.1	0.2	3.5	17.8	798
21 - 24		2.2	0.4	-	-	-	-	-	-	-	-	-	0.2	2.8	125
25 - 33		-	*	-	-	-	-	-	-	-	-	-	-	0.0	1
34 - 47		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48		-	-	-	-	-	-	-	-	-	*	-	-	0.0	1
TOTAL %	0.0	39.6	5.0	0.7	0.1	0.1	0.4	2.5	5.5	5.7	6.0	8.5	25.7	100.0	
TOTAL N	2	1773	224	30	5	3	18	114	247	257	270	380	1150		4473

(* < 0.05%)

STATION: 46059

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	0.1	0.2	0.2	0.1	0.1	*	*	*	*	*	*	*	*	1.0	42
1 - 3		0.4	0.3	0.2	0.3	0.1	0.1	0.2	0.2	0.4	0.4	0.6	0.7	3.9	166
4 - 6		1.1	0.4	0.2	0.1	0.1	0.1	0.1	0.3	0.5	1.0	1.3	1.7	6.9	296
7 - 10		4.9	0.7	0.7	0.3	*	*	0.5	0.9	0.8	2.4	3.5	5.7	20.5	877
11 - 15		15.8	2.3	0.2	0.1	*	0.2	0.3	0.9	0.6	1.7	3.7	11.1	37.0	1587
16 - 20		14.9	1.3	*	0.1	0.2	0.4	0.4	0.4	0.4	0.4	0.5	5.6	24.7	1058
21 - 24		4.1	0.3	-	-	*	-	*	-	0.1	-	-	0.4	4.9	210
25 - 33		1.0	0.2	-	-	-	-	-	-	-	-	-	-	1.2	52
34 - 47		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.1	42.2	5.6	1.4	1.0	0.6	0.8	1.6	2.8	2.9	6.0	9.7	25.3	100.0	
TOTAL N	4	1810	242	60	44	24	36	68	119	124	258	415	1084		4288

(* < 0.05%)

STATION: 46059

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	0.0	-	-	*	-	*	*	*	*	-	-	*	-	0.2	10
1 - 3		0.3	0.2	0.1	-	0.1	0.1	0.1	0.3	0.2	0.3	0.3	0.2	2.3	108
4 - 6		1.0	0.7	0.2	*	0.1	0.2	0.2	0.7	0.8	0.7	1.0	0.9	6.6	311
7 - 10		3.8	2.0	0.2	0.1	0.2	0.3	0.9	1.4	2.0	2.2	2.4	3.7	19.2	902
11 - 15		12.4	4.2	0.4	0.3	0.1	0.1	1.0	1.8	2.3	1.8	4.2	6.2	34.9	1639
16 - 20		12.0	3.7	0.2	-	0.3	*	0.6	1.1	1.2	1.2	1.4	4.1	25.9	1215
21 - 24		2.7	1.2	-	-	-	0.1	0.4	0.3	0.3	0.8	0.9	1.5	8.0	376
25 - 33		0.7	0.3	-	-	-	-	0.3	0.1	0.3	0.1	0.3	0.7	2.8	131
34 - 47		-	-	-	-	-	-	-	-	*	0.1	-	-	0.1	5
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.0	32.7	12.4	1.1	0.5	0.9	0.8	3.5	5.8	7.0	7.2	10.6	17.3	100.0	
TOTAL N	2	1537	582	54	23	44	38	164	272	330	338	499	814		4697

(* < 0.05%)

STATION: 46059

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

Month: NOV

WIND SPEED	CALM	WIND DIRECTION													TOT %	TOT N
		35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34			
0	0.0	-	*	*	*	*	-	-	-	-	*	-	*	0.2	8	
1 - 3		0.4	0.3	0.3	0.5	0.3	0.4	0.2	0.5	0.3	0.3	0.4	0.3	4.3	211	
4 - 6		0.5	0.6	0.5	0.5	0.4	0.7	0.9	0.8	1.1	0.7	0.5	0.6	7.8	386	
7 - 10		1.7	0.9	0.5	0.4	0.8	1.1	1.5	2.3	2.4	2.1	1.9	1.9	17.6	872	
11 - 15		3.3	0.9	0.4	0.5	0.8	1.2	3.7	3.5	3.8	3.1	2.7	4.5	28.5	1412	
16 - 20		2.9	0.6	0.2	0.1	0.3	1.4	2.8	2.5	2.9	2.5	3.0	3.1	22.2	1102	
21 - 24		0.8	0.2	*	*	0.2	1.0	1.8	1.6	1.7	1.4	1.2	1.7	11.5	569	
25 - 33		0.3	-	*	-	0.1	0.8	1.4	1.0	0.7	0.9	1.5	1.1	7.7	382	
34 - 47		*	-	-	-	-	*	*	*	*	0.1	0.1	*	0.3	16	
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0	
TOTAL %	0.0	10.0	3.5	1.9	2.2	2.9	6.6	12.2	12.2	12.9	11.0	11.3	13.2	100.0		
TOTAL N	1	495	176	95	107	146	328	607	605	640	547	559	652		4958	

(* < 0.05%)

STATION: 46059

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

Month: DEC

WIND SPEED	CALM	WIND DIRECTION													TOT %	TOT N
		35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34			
0	0.0	-	-	0.1	0.1	*	-	-	-	-	-	-	-	0.2	11	
1 - 3		0.4	0.4	0.5	0.6	0.4	0.4	0.5	0.3	0.3	0.2	0.2	0.4	4.6	208	
4 - 6		0.8	0.9	0.5	0.6	0.6	0.9	0.9	0.8	0.7	0.4	0.6	0.4	8.3	375	
7 - 10		2.1	0.9	0.6	0.6	0.5	0.9	1.8	2.2	1.9	1.1	1.1	1.5	15.1	686	
11 - 15		3.0	1.6	1.3	0.6	0.6	0.9	2.2	3.9	4.3	2.3	2.3	3.2	26.2	1188	
16 - 20		3.6	2.0	0.4	0.3	0.4	1.6	2.8	3.3	3.7	2.6	4.0	3.9	28.5	1292	
21 - 24		1.0	1.5	*	*	0.1	0.6	1.1	1.1	0.9	1.3	1.9	1.6	11.1	505	
25 - 33		0.4	0.4	*	*	0.2	0.9	0.5	0.7	0.6	0.6	0.7	0.3	5.5	250	
34 - 47		-	-	-	-	-	0.1	*	*	*	0.1	-	-	0.4	16	
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0	
TOTAL %	0.0	11.2	7.6	3.4	2.8	3.0	6.4	9.8	12.3	12.5	8.8	10.7	11.3	100.0		
TOTAL N	1	508	346	155	129	135	292	444	559	567	397	485	513		4531	

(* < 0.05%)

STATION: 46059

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

All Months: Annual

WIND SPEED	CALM	WIND DIRECTION													TOT %	TOT N
		35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34			
0	0.0	*	*	*	*	*	*	*	*	*	*	*	*	0.2	131	
1 - 3		0.4	0.3	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	3.4	1908	
4 - 6		1.0	0.6	0.4	0.4	0.3	0.4	0.6	0.8	0.9	0.9	1.1	1.1	8.3	4658	
7 - 10		3.6	1.2	0.6	0.4	0.4	0.7	1.4	1.8	1.9	2.2	2.6	3.8	20.7	11686	
11 - 15		7.9	1.7	0.5	0.4	0.5	0.7	1.8	2.6	2.4	2.4	3.3	7.1	31.3	17690	
16 - 20		7.7	1.2	0.1	0.1	0.3	0.7	1.6	1.9	1.7	1.6	2.0	4.4	23.3	13151	
21 - 24		2.4	0.4	*	*	0.1	0.4	0.9	0.7	0.7	0.8	1.0	1.4	8.7	4935	
25 - 33		0.4	0.1	*	*	0.1	0.3	0.6	0.4	0.3	0.5	0.6	0.6	3.9	2220	
34 - 47		*	-	-	-	-	*	*	*	*	*	*	*	0.1	77	
> 48		-	-	-	-	-	-	-	-	-	*	-	-	0.0	1	
TOTAL %	0.0	23.3	5.4	1.9	1.6	1.9	3.5	7.1	8.5	8.1	8.9	10.9	18.8	100.0		
TOTAL N	24	13168	3058	1070	893	1087	1958	4018	4820	4588	5035	6147	10591		56457	

(* < 0.05%)

STATION: 46059

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

Months: DEC, JAN, FEB (Winter)

WIND SPEED	CALM	WIND DIRECTION													TOT %	TOT N
		35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34			
0	0.0	-	*	*	*	*	-	-	*	-	*	-	*	0.1	17	
1 - 3		0.3	0.3	0.3	0.3	0.2	0.2	0.3	0.3	0.3	0.2	0.2	0.3	3.3	458	
4 - 6		0.8	0.7	0.5	0.6	0.4	0.7	0.7	0.8	0.7	0.5	0.6	0.5	7.3	1021	
7 - 10		2.0	1.3	0.9	0.6	0.7	1.2	1.7	2.0	1.6	1.3	1.2	1.6	16.2	2264	
11 - 15		2.0	1.4	0.9	0.7	1.0	1.3	2.8	4.1	3.4	3.2	2.4	2.4	25.5	3558	
16 - 20		2.1	1.1	0.2	0.3	0.5	1.6	3.6	4.2	3.5	2.7	3.0	2.8	25.6	3566	
21 - 24		1.0	0.6	*	0.1	0.3	0.7	1.9	1.7	1.4	1.9	1.9	1.7	13.3	1857	
25 - 33		0.5	0.2	*	0.1	0.3	0.9	1.3	1.0	0.7	1.5	1.0	0.8	8.3	1157	
34 - 47		-	-	-	-	-	*	*	*	0.1	0.1	0.1	*	0.4	53	
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0	
TOTAL %	0.0	8.7	5.6	2.9	2.7	3.3	6.6	12.4	14.2	11.7	11.3	10.5	10.1	100.0		
TOTAL N	1	1217	777	400	374	462	927	1728	1980	1629	1582	1461	1413		13951	

(* < 0.05%)

STATION: 46059

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

Months: MAR, APR, MAY (Spring)

WIND SPEED	CALM	WIND DIRECTION												TOT %	TOT N	
		35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34			
0	0.0	-	*	-	*	-	*	*	*	*	*	*	*	*	0.2	25
1 - 3		0.4	0.3	0.3	0.2	0.2	0.3	0.3	0.3	0.3	0.4	0.3	0.3	3.6	551	
4 - 6		0.8	0.6	0.6	0.5	0.4	0.3	0.7	1.0	1.0	1.1	1.0	0.9	9.0	1372	
7 - 10		3.2	1.5	1.0	0.7	0.6	0.8	2.0	2.3	2.3	3.0	3.0	3.1	23.6	3597	
11 - 15		5.9	1.8	0.6	0.5	0.5	0.9	2.0	2.9	2.7	2.8	4.3	7.2	32.0	4880	
16 - 20		5.3	0.7	0.1	0.1	0.4	0.5	1.4	1.6	1.4	1.9	2.4	4.9	20.8	3176	
21 - 24		2.1	0.1	*	*	0.1	0.4	0.6	0.5	0.5	0.7	1.1	1.7	7.8	1195	
25 - 33		0.2	0.1	*	*	0.1	0.2	0.4	0.1	0.1	0.3	0.6	0.8	2.9	442	
34 - 47		-	-	-	-	-	-	-	*	-	-	-	-	0.0	3	
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0	
TOTAL %	0.0	17.9	5.1	2.6	2.1	2.3	3.5	7.5	8.7	8.4	10.3	12.6	18.9	100.0		
TOTAL N	5	2735	772	401	322	343	531	1140	1333	1276	1573	1922	2888		15241	

(* < 0.05%)

STATION: 46059

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

Months: JUN, JUL, AUG (Summer)

WIND SPEED	CALM	WIND DIRECTION												TOT %	TOT N
		35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
0	0.1	*	*	-	*	*	*	-	*	*	*	*	*	0.2	29
1 - 3		0.4	0.2	0.1	0.1	0.1	0.1	0.1	0.3	0.4	0.4	0.4	0.4	3.1	414
4 - 6		1.4	0.5	0.2	0.1	0.1	0.2	0.4	0.8	1.1	1.1	1.7	1.9	9.5	1272
7 - 10		5.8	0.8	0.1	*	0.1	0.3	0.9	1.1	1.6	2.4	3.8	7.0	23.8	3174
11 - 15		13.9	1.0	*	-	0.1	0.1	0.5	1.3	1.1	1.4	3.1	12.1	34.6	4614
16 - 20		14.1	1.1	-	-	0.1	*	0.3	0.4	0.1	0.2	0.6	5.9	22.8	3034
21 - 24		4.3	0.2	-	-	-	-	0.1	-	*	-	*	0.8	5.5	728
25 - 33		0.4	*	-	-	-	-	*	-	-	*	-	*	0.4	56
34 - 47		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48		-	-	-	-	-	-	-	-	-	*	-	-	0.0	1
TOTAL %	0.1	40.3	3.8	0.5	0.2	0.5	0.7	2.3	3.8	4.4	5.5	9.7	28.1	100.0	
TOTAL N	11	5374	509	60	23	68	98	311	511	589	737	1291	3740		13322

(* < 0.05%)

STATION: 46059

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	0.1	0.1	0.1	0.1	*	*	*	*	*	*	*	*	*	0.4	60
1 - 3		0.3	0.3	0.2	0.3	0.2	0.2	0.2	0.4	0.3	0.3	0.4	0.4	3.5	485
4 - 6		0.8	0.6	0.3	0.2	0.2	0.3	0.4	0.6	0.8	0.8	0.9	1.0	7.1	993
7 - 10		3.4	1.2	0.4	0.3	0.4	0.5	1.0	1.6	1.8	2.2	2.6	3.7	19.0	2651
11 - 15		10.2	2.5	0.3	0.3	0.4	0.5	1.7	2.1	2.3	2.3	3.5	7.1	33.3	4638
16 - 20		9.6	1.9	0.1	0.1	0.3	0.6	1.3	1.4	1.6	1.4	1.7	4.2	24.2	3375
21 - 24		2.4	0.6	*	*	0.1	0.4	0.8	0.7	0.7	0.8	0.7	1.2	8.3	1155
25 - 33		0.6	0.2	*	-	*	0.3	0.6	0.4	0.4	0.3	0.6	0.6	4.1	565
34 - 47		*	-	-	-	-	*	*	*	*	0.1	*	*	0.2	21
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.1	27.6	7.2	1.5	1.2	1.5	2.9	6.0	7.1	7.8	8.2	10.6	18.3	100.0	
TOTAL N	7	3842	1000	209	174	214	402	839	996	1094	1143	1473	2550		13943

(* < 0.05%)

STATION: 46059

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	0.1	6
1 - 3	-	*	1.1	1.0	0.5	0.1	*	*	-	-	-	-	-	-	-	2.8	145
4 - 6	-	0.2	2.7	2.3	1.2	0.4	0.3	-	-	-	-	-	-	-	-	7.1	362
7 - 10	-	0.8	6.6	4.8	2.7	1.0	0.4	0.1	*	-	-	-	-	-	-	16.5	843
11 - 15	-	0.4	5.7	9.1	4.9	2.4	0.7	0.2	0.2	*	*	-	-	-	-	23.6	1211
16 - 20	-	*	2.7	6.2	6.1	3.9	1.1	0.7	0.3	0.2	*	-	-	-	-	21.4	1094
21 - 24	-	-	0.4	2.3	3.6	3.5	1.5	0.3	0.1	*	-	-	-	-	-	11.7	601
25 - 33	-	-	0.1	0.5	2.1	2.8	1.8	0.7	0.4	0.2	*	-	-	-	-	8.6	440
34 - 47	-	-	-	-	*	*	-	0.1	0.1	0.1	*	0.1	0.1	*	*	0.6	32
> 48	-	0.2	3.0	1.1	1.4	0.9	0.7	0.3	0.1	-	-	-	-	-	-	7.6	387
TOTAL %	0.0	1.6	22.3	27.4	22.6	15.1	6.5	2.4	1.1	0.6	0.1	0.1	0.1	0.0	0.0	100.0	
TOTAL N	0	83	1144	1403	1157	771	332	123	57	29	7	7	5	2	1		5121

(* < 0.05%)

STATION: 46059

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

Month: FEB

WIND SPEED	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4		
0	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	>13.4	0.0	0
1 - 3	-	0.1	0.6	0.9	0.4	0.2	0.1	-	-	-	-	-	-	-	-	2.2	105
4 - 6	-	0.2	1.8	1.9	1.5	0.4	0.3	0.1	-	-	-	-	-	-	-	6.1	284
7 - 10	-	0.6	4.8	5.4	2.7	1.5	0.6	0.1	*	-	-	-	-	-	-	15.7	733
11 - 15	-	0.2	5.3	8.3	5.6	3.5	1.3	0.5	0.1	*	-	-	-	-	-	24.7	1157
16 - 20	*	-	3.0	7.5	7.2	4.2	2.1	0.7	0.3	*	-	-	-	-	-	25.2	1179
21 - 24	-	-	0.3	3.5	4.7	3.5	2.7	0.9	0.3	0.1	*	-	-	-	-	16.1	751
25 - 33	*	-	*	0.5	1.8	3.4	2.3	1.1	0.4	0.3	-	-	-	-	-	9.9	465
34 - 47	-	-	-	-	*	*	*	-	*	-	-	-	-	-	-	0.1	5
> 48	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.0	1.1	15.9	27.9	24.0	16.7	9.3	3.4	1.2	0.4	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	2	52	743	1306	1121	782	434	160	58	20	1	0	0	0	0		4679

(* < 0.05%)

STATION: 46059

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

Month: MAR

WIND SPEED	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4		
0	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	>13.4	0.0	2
1 - 3	-	0.3	1.0	1.2	0.4	0.1	-	-	-	-	-	-	-	-	-	2.9	150
4 - 6	-	0.6	2.7	2.6	0.7	0.7	*	-	-	-	-	-	-	-	-	7.4	378
7 - 10	-	0.6	7.9	7.1	3.4	1.1	0.4	*	-	-	-	-	-	-	-	20.6	1054
11 - 15	*	0.7	12.3	10.3	4.5	1.6	0.9	0.1	-	-	-	-	-	-	-	30.5	1562
16 - 20	*	0.2	3.9	7.9	6.4	2.8	1.0	0.3	*	-	-	-	-	-	-	22.5	1155
21 - 24	-	-	0.7	2.1	4.2	2.5	1.1	0.2	0.1	*	-	-	-	-	-	10.9	560
25 - 33	-	-	*	0.6	1.6	1.5	0.8	0.1	0.2	0.2	-	-	-	-	-	5.1	262
34 - 47	-	-	-	-	-	*	*	-	-	-	-	-	-	-	-	0.1	3
> 48	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.1	2.4	28.5	31.8	21.3	10.4	4.2	0.8	0.3	0.2	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	3	123	1462	1630	1094	531	217	40	15	11	0	0	0	0	0		5126

(* < 0.05%)

STATION: 46059

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

Month: APR

WIND SPEED	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4		
0	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	>13.4	0.4	18
1 - 3	-	0.4	2.6	1.0	0.3	*	-	-	-	-	-	-	-	-	-	4.4	218
4 - 6	-	1.1	6.6	2.1	0.8	0.2	-	-	-	-	-	-	-	-	-	10.9	542
7 - 10	-	2.3	15.2	6.6	1.8	0.5	0.1	0.1	-	-	-	-	-	-	-	26.5	1315
11 - 15	*	1.1	16.7	9.7	1.9	0.8	-	0.1	*	-	-	-	-	-	-	30.2	1500
16 - 20	-	*	5.4	7.8	3.4	1.1	0.3	*	-	-	-	-	-	-	-	18.1	898
21 - 24	-	-	0.3	3.3	2.3	0.9	0.4	*	-	-	-	-	-	-	-	7.2	359
25 - 33	-	-	-	0.4	0.8	0.5	0.2	0.1	0.1	0.1	-	-	-	-	-	2.3	112
34 - 47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48	-	-	-	*	0.1	-	-	-	-	-	-	-	-	-	-	0.1	4
TOTAL %	0.0	4.9	47.2	30.9	11.4	3.9	1.0	0.3	0.2	0.1	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	1	245	2346	1536	566	196	49	16	8	3	0	0	0	0	0		4966

(* < 0.05%)

STATION: 46059

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

Month: MAY

WIND SPEED	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4		
0	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	>13.4	0.1	5
1 - 3	-	1.5	1.8	0.2	*	-	-	-	-	-	-	-	-	-	-	3.6	183
4 - 6	-	3.1	4.9	0.6	0.1	*	-	-	-	-	-	-	-	-	-	8.8	450
7 - 10	-	5.5	15.5	2.1	0.8	*	-	-	-	-	-	-	-	-	-	23.8	1222
11 - 15	-	3.7	23.9	6.5	1.1	0.1	-	-	-	-	-	-	-	-	-	35.3	1811
16 - 20	-	0.2	10.7	8.7	2.0	0.2	-	-	-	-	-	-	-	-	-	21.9	1122

21 - 24	-	-	0.4	2.1	2.2	0.6	-	-	-	-	-	-	-	-	-	5.3	273
25 - 33	-	-	-	0.2	0.8	0.3	-	-	-	-	-	-	-	-	-	1.3	67
34 - 47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48	-	*	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	1
TOTAL %	0.0	14.1	57.2	20.4	7.1	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	0	724	2939	1046	362	63	0	0	0	0	0	0	0	0	0		5134

STATION: 46059

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

Month: JUN

WIND SPEED	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4		
0	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	-	0.2	8
1 - 3	-	0.1	0.1	-	-	-	-	-	-	-	-	-	-	-	-	2.6	131
4 - 6	-	1.5	1.1	-	-	-	-	-	-	-	-	-	-	-	-	5.9	292
7 - 10	-	2.8	3.0	*	0.1	*	-	-	-	-	-	-	-	-	-	15.0	744
11 - 15	-	4.5	8.4	1.2	0.8	*	-	-	-	-	-	-	-	-	-	32.2	1597
16 - 20	-	3.2	24.4	3.8	0.7	*	-	-	-	-	-	-	-	-	-	26.2	1301
21 - 24	-	0.2	15.8	9.7	0.5	*	-	-	-	-	-	-	-	-	-	6.7	332
25 - 33	-	-	0.5	4.6	1.3	0.2	-	-	-	-	-	-	-	-	-	0.6	31
34 - 47	-	-	0.1	0.1	0.4	0.1	-	-	-	-	-	-	-	-	-	0.0	0
> 48	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10.7	530
TOTAL %	0.0	13.7	61.6	20.4	3.6	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	0	681	3057	1012	181	32	3	0	0	0	0	0	0	0	0		4966

STATION: 46059

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

Month: JUL

WIND SPEED	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4		
0	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	-	0.3	14
1 - 3	-	0.3	-	-	-	-	-	-	-	-	-	-	-	-	-	2.1	112
4 - 6	-	1.9	0.2	-	-	-	-	-	-	-	-	-	-	-	-	8.4	439
7 - 10	-	6.1	2.3	-	-	-	-	-	-	-	-	-	-	-	-	22.3	1167
11 - 15	-	14.3	8.1	-	-	-	-	-	-	-	-	-	-	-	-	27.5	1439
16 - 20	-	6.4	20.6	0.5	-	-	-	-	-	-	-	-	-	-	-	17.8	933
21 - 24	-	0.2	12.8	4.8	0.1	-	-	-	-	-	-	-	-	-	-	5.2	270
25 - 33	-	-	0.2	2.8	2.0	0.2	-	-	-	-	-	-	-	-	-	0.5	24
34 - 47	-	-	*	0.4	0.1	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15.9	831
TOTAL %	0.0	29.7	54.1	13.5	2.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	2	1553	2830	704	129	11	0	0	0	0	0	0	0	0	0		5229

STATION: 46059

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

Month: AUG

WIND SPEED	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4		
0	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	-	0.2	8
1 - 3	-	0.1	*	*	-	-	-	-	-	-	-	-	-	-	-	3.2	170
4 - 6	-	1.7	1.4	0.2	*	-	-	-	-	-	-	-	-	-	-	10.2	536
7 - 10	-	6.9	2.9	0.2	0.2	-	-	-	-	-	-	-	-	-	-	23.9	1259
11 - 15	-	15.0	8.7	0.1	0.1	-	-	-	-	-	-	-	-	-	-	29.8	1567
16 - 20	-	7.2	21.3	1.3	-	-	-	-	-	-	-	-	-	-	-	15.1	797
21 - 24	-	0.4	9.9	4.3	0.5	-	-	-	-	-	-	-	-	-	-	2.4	125
25 - 33	-	*	0.1	1.5	0.8	-	-	-	-	-	-	-	-	-	-	0.0	1
34 - 47	-	-	-	-	*	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.0	34.7	55.9	7.8	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	2	1824	2940	412	84	0	0	0	0	0	0	0	0	0	0		5262

STATION: 46059

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

Month: SEP

WAVE HEIGHT

	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4	TOT %	TOT N
WIND SPEED	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4			
0	-	0.1	0.6	0.1	0.1	*	-	-	-	-	-	-	-	-	-	0.8	42
1 - 3	-	1.1	1.4	0.2	0.4	0.2	*	-	-	-	-	-	-	-	-	3.3	166
4 - 6	-	2.1	3.0	0.5	0.2	0.1	-	-	-	-	-	-	-	-	-	5.9	294
7 - 10	-	5.4	9.7	1.5	0.6	0.3	0.1	-	-	-	-	-	-	-	-	17.6	876
11 - 15	-	2.7	19.2	7.9	1.3	0.4	0.1	*	-	-	-	-	-	-	-	31.7	1580
16 - 20	-	0.2	11.3	8.6	0.9	*	-	-	-	-	-	-	-	-	-	21.1	1050
21 - 24	-	-	0.2	1.8	2.0	0.1	-	-	-	-	-	-	-	-	-	4.2	210
25 - 33	-	-	-	*	0.9	0.1	-	-	-	-	-	-	-	-	-	1.0	52
34 - 47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48	-	1.9	8.5	3.7	0.2	-	-	-	-	-	-	-	-	-	-	14.3	715
TOTAL %	0.0	13.6	53.9	24.4	6.5	1.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	0	680	2687	1215	326	65	11	1	0	0	0	0	0	0	0		4985

(* < 0.05%)

STATION: 46059

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

Month: OCT

	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		
WIND SPEED	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4			
0	-	-	0.2	*	-	-	-	-	-	-	-	-	-	-	-	0.2	10
1 - 3	-	0.1	1.4	0.3	0.1	0.1	-	-	-	-	-	-	-	-	-	2.0	108
4 - 6	-	0.8	3.7	1.1	0.1	0.1	-	-	-	-	-	-	-	-	-	5.7	311
7 - 10	-	2.0	10.1	3.7	0.3	0.3	0.2	-	-	-	-	-	-	-	-	16.6	900
11 - 15	*	1.1	14.8	11.2	2.1	0.6	0.2	0.1	*	-	-	-	-	-	-	30.1	1631
16 - 20	*	0.1	6.3	10.6	3.3	1.3	0.5	0.2	0.2	-	-	-	-	-	-	22.4	1214
21 - 24	*	*	0.5	2.5	2.6	0.7	0.2	0.2	0.1	*	*	*	*	-	-	6.9	375
25 - 33	*	-	0.1	0.4	0.8	0.6	0.1	0.3	0.1	-	-	-	-	-	-	2.4	131
34 - 47	-	-	-	-	-	*	*	*	-	-	-	-	-	-	-	0.1	5
> 48	-	0.8	6.4	3.9	2.1	0.5	*	-	-	-	-	-	-	-	-	13.6	737
TOTAL %	0.1	4.9	43.4	33.6	11.4	4.2	1.3	0.7	0.3	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	5	264	2351	1821	620	227	70	40	18	2	2	1	1	0	0		5422

(* < 0.05%)

STATION: 46059

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

Month: NOV

	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		
WIND SPEED	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4			
0	-	-	0.1	0.1	*	-	-	-	-	-	-	-	-	-	-	0.1	8
1 - 3	-	*	1.0	1.8	0.7	0.2	-	-	-	-	-	-	-	-	-	3.7	211
4 - 6	-	0.2	2.0	3.1	1.2	0.2	*	*	*	*	*	-	-	-	-	6.8	385
7 - 10	-	0.6	6.1	5.1	2.5	0.8	0.1	0.1	*	-	*	-	-	-	-	15.4	869
11 - 15	-	1.0	8.6	8.9	3.7	1.6	0.8	0.2	0.1	*	-	-	-	-	-	25.0	1408
16 - 20	*	0.1	3.6	5.9	5.2	2.8	1.1	0.6	0.2	*	-	-	-	-	-	19.5	1099
21 - 24	-	-	0.7	2.6	3.3	1.6	1.0	0.6	0.1	*	-	-	-	-	-	10.0	562
25 - 33	-	-	0.1	0.9	1.9	1.4	1.1	0.7	0.4	0.1	0.1	-	-	-	-	6.7	379
34 - 47	-	-	-	-	*	*	*	0.1	0.1	*	*	-	-	-	-	0.3	16
> 48	-	0.5	5.1	5.2	0.9	0.5	0.2	*	-	-	-	-	-	-	-	12.3	690
TOTAL %	0.0	2.4	27.4	33.4	19.5	9.2	4.4	2.4	1.0	0.3	0.1	0.0	0.0	0.0	0.0	100.0	
TOTAL N	1	136	1540	1881	1097	516	248	133	54	15	6	0	0	0	0		5627

(* < 0.05%)

STATION: 46059

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

Month: DEC

	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		
WIND SPEED	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4			
0	-	-	0.2	*	*	-	-	-	-	-	-	-	-	-	-	0.2	11
1 - 3	*	0.1	1.6	1.2	0.7	0.2	0.1	*	-	-	-	-	-	-	-	4.0	208
4 - 6	-	0.2	2.6	1.9	1.5	0.7	0.2	*	-	-	-	-	-	-	-	7.1	375
7 - 10	*	0.4	4.0	4.6	2.7	1.1	0.2	0.1	-	-	-	-	-	-	-	13.0	685
11 - 15	-	0.4	5.2	7.6	5.8	2.6	0.7	0.2	*	*	-	-	-	-	-	22.5	1185
16 - 20	-	*	3.1	7.1	8.2	3.9	1.6	0.3	0.1	0.1	*	-	-	-	-	24.5	1288
21 - 24	-	-	0.4	1.7	3.5	1.9	1.6	0.2	0.1	0.2	-	-	-	-	-	9.6	505
25 - 33	-	-	*	0.3	1.4	1.2	0.9	0.4	0.3	0.1	*	*	-	-	-	4.8	250
34 - 47	-	-	-	-	-	*	0.1	-	0.1	0.1	*	*	-	-	-	0.3	16
> 48	-	1.0	2.7	2.7	4.1	2.7	0.8	-	-	-	-	-	-	-	-	13.9	733
TOTAL %	0.0	2.1	19.7	27.1	27.9	14.3	6.1	1.3	0.6	0.5	0.1	0.1	0.0	0.0	0.0	100.0	
TOTAL N	2	113	1038	1422	1468	754	321	68	33	27	6	4	0	0	0		5256

(* < 0.05%)

STATION: 46059

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	-	0.2	132
1 - 3	*	0.7	1.3	0.7	0.3	0.1	*	*	-	-	-	-	-	-	-	3.1	1907
4 - 6	*	2.0	3.2	1.4	0.6	0.2	0.1	*	*	*	*	-	-	-	-	7.5	4648
7 - 10	*	4.4	8.7	3.5	1.5	0.6	0.2	*	*	-	*	-	-	-	-	18.9	11667
11 - 15	*	2.4	14.8	7.1	2.6	1.1	0.4	0.1	*	*	*	-	-	-	-	28.6	17648
16 - 20	*	0.1	7.4	7.4	3.7	1.7	0.6	0.2	0.1	*	*	-	-	-	-	21.3	13130
21 - 24	*	*	0.4	2.5	2.7	1.3	0.7	0.2	0.1	*	*	*	*	-	-	8.0	4923
25 - 33	*	-	*	0.3	1.1	1.0	0.6	0.3	0.2	0.1	*	*	-	-	-	3.6	2214
34 - 47	-	-	-	-	*	*	*	*	*	*	*	*	*	*	*	0.1	77
> 48	-	0.8	4.7	2.0	0.7	0.4	0.1	*	*	-	-	-	-	-	-	8.8	5427
TOTAL %	0.0	10.5	40.6	24.9	13.3	6.4	2.7	0.9	0.4	0.2	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	18	6478	25077	15388	8205	3948	1685	581	243	107	22	12	6	2	1		61773

(* < 0.05%)

STATION: 46059

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	-	0.1	17
1 - 3	*	0.1	1.1	1.0	0.6	0.2	0.1	*	-	-	-	-	-	-	-	3.0	458
4 - 6	-	0.2	2.4	2.0	1.4	0.5	0.2	*	-	-	-	-	-	-	-	6.8	1021
7 - 10	*	0.6	5.1	4.9	2.7	1.2	0.4	0.1	*	-	-	-	-	-	-	15.0	2261
11 - 15	-	0.3	5.4	8.3	5.4	2.8	0.9	0.3	0.1	*	*	-	-	-	-	23.6	3553
16 - 20	*	*	2.9	7.0	7.2	4.0	1.6	0.6	0.2	0.1	*	-	-	-	-	23.7	3561
21 - 24	-	-	0.3	2.4	3.9	2.9	1.9	0.5	0.2	0.1	*	-	-	-	-	12.3	1857
25 - 33	*	-	0.1	0.4	1.8	2.4	1.6	0.7	0.4	0.2	*	*	-	-	-	7.7	1155
34 - 47	-	-	-	-	*	*	*	*	0.1	0.1	*	0.1	*	*	*	0.4	53
> 48	-	0.4	2.0	1.3	1.9	1.2	0.5	0.1	*	-	-	-	-	-	-	7.4	1120
TOTAL %	0.0	1.6	19.4	27.4	24.9	15.3	7.2	2.3	1.0	0.5	0.1	0.1	0.0	0.0	0.0	100.0	
TOTAL N	4	248	2925	4131	3746	2307	1087	351	148	76	14	11	5	2	1		15056

(* < 0.05%)

STATION: 46059

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	-	0.2	25
1 - 3	-	0.7	1.8	0.8	0.2	0.1	-	-	-	-	-	-	-	-	-	3.6	551
4 - 6	-	1.6	4.7	1.8	0.6	0.3	*	-	-	-	-	-	-	-	-	9.0	1370
7 - 10	-	2.8	12.8	5.3	2.0	0.5	0.2	*	-	-	-	-	-	-	-	23.6	3591
11 - 15	*	1.8	17.6	8.8	2.5	0.8	0.3	0.1	*	-	-	-	-	-	-	32.0	4873
16 - 20	*	0.2	6.7	8.1	3.9	1.3	0.4	0.1	*	-	-	-	-	-	-	20.9	3175
21 - 24	-	-	0.5	2.5	2.9	1.3	0.5	0.1	*	*	-	-	-	-	-	7.8	1192
25 - 33	-	-	*	0.4	1.1	0.8	0.3	0.1	0.1	0.1	-	-	-	-	-	2.9	441
34 - 47	-	-	-	-	-	*	*	-	-	-	-	-	-	-	-	0.0	3
> 48	-	*	-	*	*	-	-	-	-	-	-	-	-	-	-	0.0	5
TOTAL %	0.0	7.2	44.3	27.7	13.3	5.2	1.7	0.4	0.2	0.1	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	4	1092	6747	4212	2022	790	266	56	23	14	0	0	0	0	0		15226

(* < 0.05%)

STATION: 46059

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	-	0.2	30
1 - 3	-	1.7	0.9	0.1	*	-	-	-	-	-	-	-	-	-	-	2.7	413
4 - 6	*	5.3	2.7	0.1	0.1	*	-	-	-	-	-	-	-	-	-	8.2	1267
7 - 10	-	11.4	8.4	0.4	0.3	*	-	-	-	-	-	-	-	-	-	20.5	3170
11 - 15	*	5.6	22.1	1.8	0.2	*	-	-	-	-	-	-	-	-	-	29.8	4603
16 - 20	*	0.2	12.8	6.2	0.4	*	-	-	-	-	-	-	-	-	-	19.6	3031
21 - 24	-	*	0.3	2.9	1.4	0.1	-	-	-	-	-	-	-	-	-	4.7	727

25 - 33	-	-	-	*	0.2	0.1	*	-	-	-	-	-	-	-	-	-	0.4	56
34 - 47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48	-	1.8	9.9	2.2	-	-	-	-	-	-	-	-	-	-	-	-	14.0	2160
TOTAL %	0.0	26.3	57.1	13.8	2.5	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	4	4058	8827	2128	394	43	3	0	0	0	0	0	0	0	0	0		15457

STATION: 46059

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		0.4	60
1 - 3	-	*	0.2	0.1	*	*	-	-	-	-	-	-	-	-	-	-	3.0	485
4 - 6	-	1.0	2.9	1.6	0.5	0.1	*	*	*	*	*	-	-	-	-	-	6.2	990
7 - 10	-	2.6	8.6	3.5	1.1	0.5	0.1	*	*	*	*	-	-	-	-	-	16.5	2645
11 - 15	*	1.6	14.0	9.3	2.4	0.9	0.4	0.1	*	*	-	-	-	-	-	-	28.8	4619
16 - 20	*	0.1	6.9	8.3	3.2	1.4	0.6	0.3	0.1	*	-	-	-	-	-	-	21.0	3363
21 - 24	*	*	0.5	2.3	2.7	0.8	0.4	0.3	0.1	*	*	*	*	-	-	-	7.2	1147
25 - 33	*	-	*	0.4	1.2	0.8	0.4	0.3	0.2	*	*	-	-	-	-	-	3.5	562
34 - 47	-	-	-	-	*	*	*	*	*	*	*	-	-	-	-	-	0.1	21
> 48	-	1.0	6.6	4.3	1.1	0.3	0.1	*	-	-	-	-	-	-	-	-	13.4	2142
TOTAL %	0.0	6.7	41.0	30.7	12.7	5.0	2.1	1.1	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	6	1080	6578	4917	2043	808	329	174	72	17	8	1	1	0	0	0		16034

STATION: 46059

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	0
3.5 - 4.4	-	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	1
4.5 - 5.4	-	-	0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	0.2	9
5.5 - 6.4	-	-	0.6	0.4	-	-	-	-	-	-	-	-	-	-	-	-	1.0	52
6.5 - 7.4	-	0.2	0.7	0.8	0.2	*	-	-	-	-	-	-	-	-	-	-	2.0	101
7.5 - 8.4	-	0.1	1.5	1.6	1.1	0.3	*	-	-	-	-	-	-	-	-	-	4.6	234
8.5 - 9.4	-	*	1.2	1.8	1.0	0.9	0.2	-	-	-	-	-	-	-	-	-	5.2	264
9.5 - 10.4	-	*	2.5	2.9	1.9	1.4	0.3	0.1	-	-	-	-	-	-	-	-	9.1	468
10.5 - 11.4	-	0.6	3.4	4.2	3.4	1.6	0.5	0.4	-	-	-	-	-	-	-	-	14.1	720
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	0.3	5.0	5.9	5.5	3.7	1.5	0.3	0.1	0.1	-	-	-	-	-	-	22.3	1143
13.5 - 14.4	-	0.3	4.6	5.7	6.5	4.7	1.5	0.6	0.3	0.2	*	0.1	*	-	-	-	24.6	1258
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	*	2.0	2.9	2.5	1.7	1.8	0.9	0.5	0.2	0.1	*	*	*	-	-	12.6	647
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	*	0.7	1.1	0.5	0.7	0.6	0.2	0.2	0.1	*	-	-	-	-	-	4.1	209
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	9
TOTAL %	0.0	1.6	22.4	27.4	22.6	15.1	6.5	2.4	1.1	0.6	0.1	0.1	0.0	0.0	0.0	0.0	100.0	
TOTAL N	0	83	1144	1403	1157	771	332	123	57	29	7	5	2	2	0	0		5115

STATION: 46059

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	2
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
3.5 - 4.4	-	-	*	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	1
4.5 - 5.4	-	-	0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	0.2	8
5.5 - 6.4	-	-	0.3	0.3	-	-	-	-	-	-	-	-	-	-	-	-	0.6	29

12.5 - 13.4	-	1.0	10.1	9.1	2.8	1.1	0.3	*	*	-	-	-	-	-	-	24.5	1216
13.5 - 14.4	-	1.1	5.8	5.0	2.8	1.4	0.3	0.2	0.1	*	-	-	-	-	-	16.8	833
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	0.2	2.4	1.7	0.7	0.3	0.1	0.1	0.1	*	-	-	-	-	-	5.7	284
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	0.4	0.3	0.3	0.1	*	-	-	-	-	-	-	-	-	-	1.2	59
TOTAL %	0.0	4.9	47.2	30.9	11.4	3.9	1.0	0.3	0.2	0.1	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	1	245	2346	1536	566	196	49	16	8	3	0	0	0	0	0		4966
(* < 0.05%)																	

STATION: 46059

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

Month: MAY

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4		
< 0.5	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	-	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
3.5 - 4.4	-	*	*	-	-	-	-	-	-	-	-	-	-	-	-	0.1	3
4.5 - 5.4	-	0.2	0.7	-	-	-	-	-	-	-	-	-	-	-	-	0.9	46
5.5 - 6.4	-	0.7	3.4	0.2	-	-	-	-	-	-	-	-	-	-	-	4.3	219
6.5 - 7.4	-	1.3	5.3	1.1	-	-	-	-	-	-	-	-	-	-	-	7.8	400
7.5 - 8.4	-	1.2	12.2	3.8	0.3	-	-	-	-	-	-	-	-	-	-	17.4	895
8.5 - 9.4	-	0.6	6.2	4.5	0.9	0.1	-	-	-	-	-	-	-	-	-	12.3	631
9.5 - 10.4	-	0.5	5.8	2.8	2.6	0.3	-	-	-	-	-	-	-	-	-	12.0	614
10.5 - 11.4	-	0.9	6.7	3.6	1.2	0.3	-	-	-	-	-	-	-	-	-	12.8	659
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	2.0	6.1	2.6	1.0	0.1	-	-	-	-	-	-	-	-	-	11.7	603
13.5 - 14.4	-	3.8	5.4	1.5	0.9	0.4	-	-	-	-	-	-	-	-	-	12.0	615
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	2.5	4.9	0.3	0.2	*	-	-	-	-	-	-	-	-	-	7.8	402
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	0.3	0.5	0.1	-	-	-	-	-	-	-	-	-	-	-	0.9	47
TOTAL %	0.0	14.1	57.2	20.4	7.1	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	0	724	2939	1046	362	63	0	0	0	0	0	0	0	0	0		5134
(* < 0.05%)																	

STATION: 46059

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

Month: JUN

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	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	-	*	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	1
4.5 - 5.4	-	0.2	0.3	-	-	-	-	-	-	-	-	-	-	-	-	0.5	24
5.5 - 6.4	-	0.7	2.7	0.2	-	-	-	-	-	-	-	-	-	-	-	3.6	180
6.5 - 7.4	-	1.4	8.4	1.2	-	-	-	-	-	-	-	-	-	-	-	11.0	547
7.5 - 8.4	-	3.0	21.2	6.6	0.2	-	-	-	-	-	-	-	-	-	-	31.0	1538
8.5 - 9.4	-	1.4	7.4	4.8	0.2	*	-	-	-	-	-	-	-	-	-	13.9	691
9.5 - 10.4	-	1.1	6.4	2.7	1.2	*	-	-	-	-	-	-	-	-	-	11.4	565
10.5 - 11.4	-	1.0	4.9	1.5	0.4	0.4	*	-	-	-	-	-	-	-	-	8.2	407
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	1.2	3.0	2.2	0.8	0.1	*	-	-	-	-	-	-	-	-	7.4	366
13.5 - 14.4	-	2.2	2.8	1.0	0.7	0.1	-	-	-	-	-	-	-	-	-	6.7	332
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	1.5	4.1	0.1	0.1	-	-	-	-	-	-	-	-	-	-	5.8	289
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	26
TOTAL %	0.0	13.7	61.6	20.4	3.6	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	0	681	3057	1012	181	32	3	0	0	0	0	0	0	0	0		4966
(* < 0.05%)																	

STATION: 46059

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

Month: JUL

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0- 0.4	0.5- 1.4	1.5- 2.4	2.5- 3.4	3.5- 4.4	4.5- 5.4	5.5- 6.4	6.5- 7.4	7.5- 8.4	8.5- 9.4	9.5- 10.4	10.5- 11.4	11.5- 12.4	12.5- 13.4	>13.4		
< 0.5	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	2
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	4
4.5 - 5.4	-	0.3	0.5	-	-	-	-	-	-	-	-	-	-	-	-	0.8	42
5.5 - 6.4	-	1.7	4.0	0.1	-	-	-	-	-	-	-	-	-	-	-	5.7	300
6.5 - 7.4	-	3.4	9.9	0.3	-	-	-	-	-	-	-	-	-	-	-	13.6	712
7.5 - 8.4	-	5.4	19.0	4.8	0.1	-	-	-	-	-	-	-	-	-	-	29.4	1536
8.5 - 9.4	-	3.0	8.0	5.1	0.5	-	-	-	-	-	-	-	-	-	-	16.6	867
9.5 - 10.4	-	1.7	4.3	2.8	1.2	0.1	-	-	-	-	-	-	-	-	-	10.1	529
10.5 - 11.4	-	1.1	1.2	0.2	0.7	0.1	-	-	-	-	-	-	-	-	-	3.3	174
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	1.3	0.4	*	-	-	-	-	-	-	-	-	-	-	-	1.7	89
13.5 - 14.4	-	6.4	2.2	-	-	-	-	-	-	-	-	-	-	-	-	8.6	452
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	4.6	4.1	*	-	-	-	-	-	-	-	-	-	-	-	8.7	455
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	0.8	0.5	*	-	-	-	-	-	-	-	-	-	-	-	1.3	67
TOTAL %	0.0	29.7	54.1	13.5	2.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	2	1553	2830	704	129	11	0	0	0	0	0	0	0	0	0		5229

(* < 0.05%)

STATION: 46059

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

Month: AUG

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0- 0.4	0.5- 1.4	1.5- 2.4	2.5- 3.4	3.5- 4.4	4.5- 5.4	5.5- 6.4	6.5- 7.4	7.5- 8.4	8.5- 9.4	9.5- 10.4	10.5- 11.4	11.5- 12.4	12.5- 13.4	>13.4		
< 0.5	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	2
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	6
4.5 - 5.4	-	0.8	0.6	-	-	-	-	-	-	-	-	-	-	-	-	1.3	70
5.5 - 6.4	-	2.2	3.2	0.1	-	-	-	-	-	-	-	-	-	-	-	5.5	288
6.5 - 7.4	-	4.0	8.1	0.4	-	-	-	-	-	-	-	-	-	-	-	12.5	659
7.5 - 8.4	-	6.1	18.3	2.7	-	-	-	-	-	-	-	-	-	-	-	27.1	1424
8.5 - 9.4	-	2.8	7.8	1.9	0.3	-	-	-	-	-	-	-	-	-	-	12.7	670
9.5 - 10.4	-	1.7	6.5	2.0	0.7	-	-	-	-	-	-	-	-	-	-	10.9	572
10.5 - 11.4	-	1.4	2.8	0.4	0.3	-	-	-	-	-	-	-	-	-	-	4.9	258
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	3.0	1.1	0.3	*	-	-	-	-	-	-	-	-	-	-	4.3	227
13.5 - 14.4	-	8.6	3.8	0.1	0.3	-	-	-	-	-	-	-	-	-	-	12.9	677
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	3.9	3.4	*	*	-	-	-	-	-	-	-	-	-	-	7.4	388
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	0.2	0.2	-	-	-	-	-	-	-	-	-	-	-	-	0.4	21
TOTAL %	0.0	34.7	55.9	7.8	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	2	1824	2940	412	84	0	0	0	0	0	0	0	0	0	0		5262

(* < 0.05%)

STATION: 46059

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

Month: SEP

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0- 0.4	0.5- 1.4	1.5- 2.4	2.5- 3.4	3.5- 4.4	4.5- 5.4	5.5- 6.4	6.5- 7.4	7.5- 8.4	8.5- 9.4	9.5- 10.4	10.5- 11.4	11.5- 12.4	12.5- 13.4	>13.4		
< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
3.5 - 4.4	-	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	0.1	4
4.5 - 5.4	-	0.3	0.6	-	-	-	-	-	-	-	-	-	-	-	-	0.9	44
5.5 - 6.4	-	0.7	1.8	*	-	-	-	-	-	-	-	-	-	-	-	2.6	130
6.5 - 7.4	-	1.5	4.3	0.4	*	-	-	-	-	-	-	-	-	-	-	6.2	310
7.5 - 8.4	-	2.6	12.9	3.4	0.2	-	-	-	-	-	-	-	-	-	-	19.1	953
8.5 - 9.4	-	1.2	6.9	3.6	1.1	*	-	-	-	-	-	-	-	-	-	12.9	643
9.5 - 10.4	-	1.2	6.7	4.6	1.8	0.1	-	-	-	-	-	-	-	-	-	14.4	720

22.5 - 23.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
23.5 - 24.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
24.5 - 25.4	-	-	*	0.1	*	*	*	-	-	-	-	-	-	-	-	0.1	82

TOTAL %	0.0	10.5	40.6	24.9	13.3	6.4	2.7	0.9	0.4	0.2	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	18	6478	25077	15388	8205	3948	1685	581	243	107	22	6	3	2	0		61763

(* < 0.05%)

STATION: 46059

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

Months: DEC, JAN, FEB (Winter)

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0- 0.4	0.5- 1.4	1.5- 2.4	2.5- 3.4	3.5- 4.4	4.5- 5.4	5.5- 6.4	6.5- 7.4	7.5- 8.4	8.5- 9.4	9.5- 10.4	10.5- 11.4	11.5- 12.4	12.5- 13.4	>13.4		
< 0.5	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	4
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
3.5 - 4.4	-	*	*	-	-	-	-	-	-	-	-	-	-	-	-	0.0	3
4.5 - 5.4	-	-	0.2	-	-	-	-	-	-	-	-	-	-	-	-	0.2	32
5.5 - 6.4	-	-	0.5	0.4	-	-	-	-	-	-	-	-	-	-	-	0.9	128
6.5 - 7.4	-	0.1	0.8	0.8	0.2	*	-	-	-	-	-	-	-	-	-	1.8	269
7.5 - 8.4	-	0.1	1.3	1.8	1.0	0.2	*	-	-	-	-	-	-	-	-	4.4	657
8.5 - 9.4	-	0.1	1.0	1.7	1.1	0.6	0.1	-	-	-	-	-	-	-	-	4.5	681
9.5 - 10.4	-	0.2	2.0	2.4	1.9	1.0	0.3	0.1	*	-	-	-	-	-	-	7.9	1182
10.5 - 11.4	-	0.5	3.3	3.6	3.0	1.4	0.6	0.2	*	-	-	-	-	-	-	12.6	1890
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	0.4	4.6	6.4	5.7	3.4	1.4	0.2	0.1	*	-	-	-	-	-	22.2	3346
13.5 - 14.4	-	0.4	3.8	6.1	7.2	5.3	2.4	0.7	0.4	0.2	*	*	*	-	-	26.5	3986
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	*	1.5	3.0	3.6	2.8	2.0	0.9	0.4	0.2	*	*	*	*	-	14.5	2185
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	*	0.5	1.3	1.2	0.6	0.4	0.2	0.1	0.1	*	-	-	-	-	4.3	647
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	36
TOTAL %	0.0	1.6	19.4	27.5	24.9	15.3	7.2	2.3	1.0	0.5	0.1	0.0	0.0	0.0	0.0	100.0	
TOTAL N	4	248	2925	4131	3746	2307	1087	351	148	76	14	5	2	2	0		15046

(* < 0.05%)

STATION: 46059

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

Months: MAR, APR, MAY (Spring)

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0- 0.4	0.5- 1.4	1.5- 2.4	2.5- 3.4	3.5- 4.4	4.5- 5.4	5.5- 6.4	6.5- 7.4	7.5- 8.4	8.5- 9.4	9.5- 10.4	10.5- 11.4	11.5- 12.4	12.5- 13.4	>13.4		
< 0.5	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	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	-	*	*	-	-	-	-	-	-	-	-	-	-	-	-	0.0	7
4.5 - 5.4	-	0.1	0.4	-	-	-	-	-	-	-	-	-	-	-	-	0.5	82
5.5 - 6.4	-	0.3	1.9	0.2	-	-	-	-	-	-	-	-	-	-	-	2.5	374
6.5 - 7.4	-	0.6	2.9	1.0	0.1	*	-	-	-	-	-	-	-	-	-	4.5	691
7.5 - 8.4	-	0.8	7.0	2.9	0.6	*	-	-	-	-	-	-	-	-	-	11.4	1738
8.5 - 9.4	-	0.4	3.9	2.5	1.2	0.2	-	-	-	-	-	-	-	-	-	8.2	1241
9.5 - 10.4	-	0.3	4.3	2.6	2.0	0.4	0.1	-	-	-	-	-	-	-	-	9.7	1470
10.5 - 11.4	-	0.7	7.0	4.6	1.7	0.8	0.2	*	-	-	-	-	-	-	-	15.1	2299
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	1.1	7.4	6.5	2.6	0.4	*	*	-	-	-	-	-	-	-	19.3	2939
13.5 - 14.4	-	1.7	5.2	4.5	3.1	1.7	0.7	0.2	*	*	-	-	-	-	-	17.2	2613
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	0.9	3.6	2.0	1.5	0.7	0.3	0.1	0.1	0.1	-	-	-	-	-	9.2	1407
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	0.2	0.6	0.7	0.4	0.2	0.1	-	-	-	-	-	-	-	-	2.2	338
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	23
TOTAL %	0.0	7.2	44.3	27.7	13.3	5.2	1.7	0.4	0.2	0.1	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	4	1092	6747	4212	2022	790	266	56	23	14	0	0	0	0	0		15226

(* < 0.05%)

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	-	0.2	1.1	-	-	-	-	-	-	-	-	-	-	-	-	1.3	64
5.5 - 6.4	-	2.0	15.7	6.4	0.1	-	-	-	-	-	-	-	-	-	-	24.1	1198
6.5 - 7.4	-	2.3	14.7	11.1	4.0	0.1	-	-	-	-	-	-	-	-	-	32.3	1602
7.5 - 8.4	-	0.5	11.4	6.8	3.7	1.8	0.2	-	-	-	-	-	-	-	-	24.4	1213
8.5 - 9.4	-	*	3.7	5.0	1.9	1.3	0.5	0.1	*	-	-	-	-	-	-	12.4	617
9.5 - 10.4	-	-	0.6	1.3	0.7	0.6	0.2	0.2	0.1	-	-	-	-	-	-	3.8	189
10.5 - 11.4	-	-	0.1	0.3	0.7	0.1	*	*	*	0.1	-	-	-	-	-	1.3	66
11.5 - 12.4	-	-	-	-	0.2	0.1	-	-	-	-	-	-	-	-	-	0.3	13
12.5 - 13.4	-	-	-	-	*	*	-	-	-	-	-	-	-	-	-	0.1	3

TOTAL %	0.0	4.9	47.2	30.9	11.4	3.9	1.0	0.3	0.2	0.1	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	1	245	2346	1536	566	196	49	16	8	3	0	0	0	0	0		4966

STATION: 46059

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

Month: MAY

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
4.5 - 5.4	-	2.6	6.4	0.1	-	-	-	-	-	-	-	-	-	-	-	9.1	466
5.5 - 6.4	-	5.7	28.5	7.1	0.1	-	-	-	-	-	-	-	-	-	-	41.4	2125
6.5 - 7.4	-	3.6	15.4	8.2	4.2	0.3	-	-	-	-	-	-	-	-	-	31.8	1631
7.5 - 8.4	-	1.7	5.0	3.4	1.4	0.7	-	-	-	-	-	-	-	-	-	12.3	631
8.5 - 9.4	-	0.5	1.8	1.1	0.7	0.3	-	-	-	-	-	-	-	-	-	4.4	225
9.5 - 10.4	-	-	0.1	0.3	0.4	-	-	-	-	-	-	-	-	-	-	0.7	37
10.5 - 11.4	-	-	*	0.1	0.2	-	-	-	-	-	-	-	-	-	-	0.3	16
11.5 - 12.4	-	-	-	0.1	-	-	-	-	-	-	-	-	-	-	-	0.1	3
TOTAL %	0.0	14.1	57.2	20.4	7.1	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	0	724	2939	1046	362	63	0	0	0	0	0	0	0	0	0		5134

STATION: 46059

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

Month: JUN

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4		
< 0.5	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4		0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
3.5 - 4.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
4.5 - 5.4	-	2.9	9.5	0.1	-	-	-	-	-	-	-	-	-	-	-	12.5	621
5.5 - 6.4	-	5.5	35.2	11.5	0.1	-	-	-	-	-	-	-	-	-	-	52.2	2593
6.5 - 7.4	-	3.9	11.9	5.9	1.9	0.1	-	-	-	-	-	-	-	-	-	23.7	1179
7.5 - 8.4	-	1.4	4.2	1.9	0.3	0.5	*	-	-	-	-	-	-	-	-	8.3	414
8.5 - 9.4	-	-	0.6	0.9	0.9	-	*	-	-	-	-	-	-	-	-	2.4	121
9.5 - 10.4	-	-	0.1	0.1	0.4	-	-	-	-	-	-	-	-	-	-	0.6	28
10.5 - 11.4	-	-	-	-	0.1	0.1	-	-	-	-	-	-	-	-	-	0.2	10
TOTAL %	0.0	13.7	61.6	20.4	3.6	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	0	681	3057	1012	181	32	3	0	0	0	0	0	0	0	0		4966

STATION: 46059

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

Month: JUL

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4		
< 0.5	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4		0.0	2
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	-	6.1	11.4	*	-	-	-	-	-	-	-	-	-	-	-	17.5	916
5.5 - 6.4	-	14.2	30.4	10.2	*	-	-	-	-	-	-	-	-	-	-	54.8	2868
6.5 - 7.4	-	7.5	10.7	3.2	2.3	0.1	-	-	-	-	-	-	-	-	-	23.7	1237

7.5 - 8.4	-	2.0	1.6	*	0.2	0.2	-	-	-	-	-	-	-	-	-	3.9	204
8.5 - 9.4	-	*	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	1
9.5 - 10.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
10.5 - 11.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
11.5 - 12.4	-	*	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	1
TOTAL %	0.0	29.7	54.1	13.5	2.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	2	1553	2830	704	129	11	0	0	0	0	0	0	0	0	0		5229

(* < 0.05%)

STATION: 46059

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

Month: AUG

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0- 0.4	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	2
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
3.5 - 4.4	-	*	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	1
4.5 - 5.4	-	8.6	8.5	-	-	-	-	-	-	-	-	-	-	-	-	17.1	899
5.5 - 6.4	-	14.8	33.2	4.3	-	-	-	-	-	-	-	-	-	-	-	52.2	2747
6.5 - 7.4	-	8.3	10.3	3.0	1.3	-	-	-	-	-	-	-	-	-	-	22.9	1204
7.5 - 8.4	-	2.2	3.0	0.2	-	-	-	-	-	-	-	-	-	-	-	5.4	285
8.5 - 9.4	-	0.8	0.9	0.2	0.1	-	-	-	-	-	-	-	-	-	-	2.0	107
9.5 - 10.4	-	*	-	0.1	0.2	-	-	-	-	-	-	-	-	-	-	0.3	15
10.5 - 11.4	-	-	-	-	*	-	-	-	-	-	-	-	-	-	-	0.0	2
TOTAL %	0.0	34.7	55.9	7.8	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	2	1824	2940	412	84	0	0	0	0	0	0	0	0	0	0		5262

(* < 0.05%)

STATION: 46059

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

Month: SEP

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0- 0.4	0.5- 1.4	1.5- 2.4	2.5- 3.4	3.5- 4.4	4.5- 5.4	5.5- 6.4	6.5- 7.4	7.5- 8.4	8.5- 9.4	9.5- 10.4	10.5- 11.4	11.5- 12.4	12.5- 13.4	>13.4		
< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
3.5 - 4.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
4.5 - 5.4	-	2.4	5.6	*	-	-	-	-	-	-	-	-	-	-	-	8.1	403
5.5 - 6.4	-	5.2	24.3	5.9	0.1	-	-	-	-	-	-	-	-	-	-	35.4	1764
6.5 - 7.4	-	3.7	15.7	11.5	3.5	0.1	-	-	-	-	-	-	-	-	-	34.4	1717
7.5 - 8.4	-	1.6	6.0	4.5	0.2	0.1	-	-	-	-	-	-	-	-	-	12.5	621
8.5 - 9.4	-	0.7	1.8	1.0	1.0	-	-	-	-	-	-	-	-	-	-	4.4	220
9.5 - 10.4	-	0.1	0.4	0.9	0.7	0.2	-	-	-	-	-	-	-	-	-	2.2	111
10.5 - 11.4	-	-	0.1	0.5	0.5	0.3	0.1	-	-	-	-	-	-	-	-	1.4	71
11.5 - 12.4	-	-	*	0.1	0.3	0.1	0.1	*	-	-	-	-	-	-	-	0.6	32
12.5 - 13.4	-	-	-	-	0.3	0.3	-	-	-	-	-	-	-	-	-	0.5	27
13.5 - 14.4	-	-	-	-	0.1	0.2	*	-	-	-	-	-	-	-	-	0.4	19
TOTAL %	0.0	13.6	53.9	24.4	6.5	1.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	0	680	2687	1215	326	65	11	1	0	0	0	0	0	0	0		4985

(* < 0.05%)

STATION: 46059

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

Month: OCT

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0- 0.4	0.5- 1.4	1.5- 2.4	2.5- 3.4	3.5- 4.4	4.5- 5.4	5.5- 6.4	6.5- 7.4	7.5- 8.4	8.5- 9.4	9.5- 10.4	10.5- 11.4	11.5- 12.4	12.5- 13.4	>13.4		
< 0.5	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.1	5
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	-	0.7	2.1	*	-	-	-	-	-	-	-	-	-	-	-	2.8	153
5.5 - 6.4	-	2.0	13.4	6.4	0.2	-	-	-	-	-	-	-	-	-	-	22.1	1198
6.5 - 7.4	-	1.7	16.4	13.4	4.7	0.3	-	-	-	-	-	-	-	-	-	36.5	1981
7.5 - 8.4	-	0.4	7.5	7.8	3.2	1.5	0.2	0.1	-	-	-	-	-	-	-	20.7	1123
8.5 - 9.4	-	*	3.0	3.9	1.9	1.0	0.2	0.2	0.1	-	-	-	-	-	-	10.3	558
9.5 - 10.4	-	*	0.6	1.1	0.8	1.1	0.6	0.3	*	-	-	-	-	-	-	4.5	244
10.5 - 11.4	-	-	0.2	0.6	0.4	0.4	0.2	0.1	0.2	-	-	-	-	-	-	2.1	114
11.5 - 12.4	-	-	0.1	0.3	0.1	0.1	0.1	*	*	*	*	-	-	-	-	0.7	37

12.5 - 13.4	-	-	*	*	*	-	-	-	-	-	-	*	*	-	-	0.1	7
13.5 - 14.4	-	-	-	*	-	-	-	-	-	-	-	-	-	-	-	0.0	2
TOTAL %	0.1	4.9	43.4	33.6	11.4	4.2	1.3	0.7	0.3	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	5	264	2351	1821	620	227	70	40	18	2	2	1	1	0	0		5422

STATION: 46059

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	0.5- 0.5 - 1.4	1.5- 1.5 - 2.4	2.5- 2.5 - 3.4	3.5- 3.5 - 4.4	4.5- 4.5 - 5.4	5.5- 5.5 - 6.4	6.5- 6.5 - 7.4	7.5- 7.5 - 8.4	8.5- 8.5 - 9.4	9.5- 9.5 - 10.4	10.5- 10.5 - 11.4	11.5- 11.5 - 12.4	12.5- 12.5 - 13.4	>13.4		
< 0.5	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	1
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
3.5 - 4.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
4.5 - 5.4	-	0.6	1.7	0.1	-	-	-	-	-	-	-	-	-	-	-	2.3	129
5.5 - 6.4	-	1.2	9.1	4.9	0.4	-	-	-	-	-	-	-	-	-	-	15.6	879
6.5 - 7.4	-	0.4	8.6	9.5	4.5	0.4	*	-	-	-	-	-	-	-	-	23.5	1320
7.5 - 8.4	-	0.2	5.0	10.3	6.9	3.3	0.6	*	-	-	-	-	-	-	-	26.3	1479
8.5 - 9.4	-	*	2.0	5.4	4.0	3.4	2.0	0.7	0.2	-	-	-	-	-	-	17.7	996
9.5 - 10.4	-	-	0.7	2.6	2.0	1.5	1.2	0.9	0.4	0.1	*	-	-	-	-	9.5	532
10.5 - 11.4	-	-	0.2	0.6	1.4	0.4	0.5	0.6	0.3	0.1	0.1	-	-	-	-	4.0	225
11.5 - 12.4	-	-	0.1	0.1	0.3	0.2	*	0.1	0.1	*	-	-	-	-	-	0.9	53
12.5 - 13.4	-	-	-	-	*	0.1	*	-	*	0.1	*	-	-	-	-	0.2	13
TOTAL %	0.0	2.4	27.4	33.4	19.5	9.2	4.4	2.4	1.0	0.3	0.1	0.0	0.0	0.0	0.0	100.0	
TOTAL N	1	136	1540	1881	1097	516	248	133	54	15	6	0	0	0	0		5627

STATION: 46059

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	0.5- 0.5 - 1.4	1.5- 1.5 - 2.4	2.5- 2.5 - 3.4	3.5- 3.5 - 4.4	4.5- 4.5 - 5.4	5.5- 5.5 - 6.4	6.5- 6.5 - 7.4	7.5- 7.5 - 8.4	8.5- 8.5 - 9.4	9.5- 9.5 - 10.4	10.5- 10.5 - 11.4	11.5- 11.5 - 12.4	12.5- 12.5 - 13.4	>13.4		
< 0.5	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	2
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
3.5 - 4.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
4.5 - 5.4	-	0.1	1.6	0.1	-	-	-	-	-	-	-	-	-	-	-	1.7	91
5.5 - 6.4	-	0.8	5.6	3.3	0.2	-	-	-	-	-	-	-	-	-	-	9.9	521
6.5 - 7.4	-	0.5	5.7	7.8	5.4	0.5	*	-	-	-	-	-	-	-	-	19.8	1038
7.5 - 8.4	-	0.6	2.7	8.2	10.1	4.3	1.0	*	-	-	-	-	-	-	-	26.9	1413
8.5 - 9.4	-	0.2	2.1	4.1	7.2	5.2	2.4	0.3	0.1	*	-	-	-	-	-	21.6	1135
9.5 - 10.4	-	-	1.3	1.8	3.1	2.0	1.7	0.5	0.4	0.1	*	-	-	-	-	11.0	580
10.5 - 11.4	-	-	0.6	1.2	1.1	1.3	0.6	0.4	0.1	0.2	*	-	-	-	-	5.7	297
11.5 - 12.4	-	-	0.1	0.6	0.6	0.7	0.2	*	*	0.1	*	-	-	-	-	2.4	125
12.5 - 13.4	-	-	-	*	0.2	0.3	0.2	*	*	-	*	-	-	-	-	0.8	43
13.5 - 14.4	-	-	-	-	*	*	*	*	-	-	-	-	-	-	-	0.1	7
TOTAL %	0.0	2.2	19.8	27.1	28.0	14.4	6.1	1.3	0.6	0.5	0.1	0.0	0.0	0.0	0.0	100.0	
TOTAL N	2	113	1038	1422	1468	754	321	68	33	27	6	0	0	0	0		5252

STATION: 46059

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	0.5- 0.5 - 1.4	1.5- 1.5 - 2.4	2.5- 2.5 - 3.4	3.5- 3.5 - 4.4	4.5- 4.5 - 5.4	5.5- 5.5 - 6.4	6.5- 6.5 - 7.4	7.5- 7.5 - 8.4	8.5- 8.5 - 9.4	9.5- 9.5 - 10.4	10.5- 10.5 - 11.4	11.5- 11.5 - 12.4	12.5- 12.5 - 13.4	>13.4		
< 0.5	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	18
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
3.5 - 4.4	-	*	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	1
4.5 - 5.4	-	2.1	4.2	*	-	-	-	-	-	-	-	-	-	-	-	6.3	3921
5.5 - 6.4	-	4.5	17.8	5.9	0.2	-	-	-	-	-	-	-	-	-	-	28.3	17476
6.5 - 7.4	-	2.8	10.7	8.4	4.1	0.3	*	-	-	-	-	-	-	-	-	26.3	16253
7.5 - 8.4	-	1.0	5.2	5.8	4.2	2.3	0.4	*	-	-	-	-	-	-	-	18.9	11692
8.5 - 9.4	-	0.2	1.9	3.0	2.7	2.1	1.2	0.3	0.1	*	-	-	-	-	-	11.4	7020
9.5 - 10.4	-	*	0.5	1.1	1.2	0.9	0.7	0.4	0.2	0.1	*	-	-	-	-	5.1	3169
10.5 - 11.4	-	-	0.2	0.5	0.6	0.4	0.3	0.2	0.1	0.1	*	*	*	-	-	2.4	1473
11.5 - 12.4	-	*	*	0.2	0.2	0.2	0.1	0.1	*	*	*	-	*	*	-	0.8	516
12.5 - 13.4	-	-	*	0.1	0.1	0.1	*	*	*	*	*	*	*	*	-	0.3	162

13.5 - 14.4	-	-	-	*	*	*	*	*	-	-	-	-	-	-	-	0.1	55
14.5 - 15.4	-	-	-	-	-	*	*	-	-	-	-	-	-	-	-	0.0	6
15.5 - 16.4	-	-	-	-	-	-	*	-	-	-	-	-	-	-	-	0.0	1

TOTAL %	0.0	10.5	40.6	24.9	13.3	6.4	2.7	0.9	0.4	0.2	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	18	6478	25077	15388	8205	3948	1685	581	243	107	22	6	3	2	0		61763

(* < 0.05%)

STATION: 46059

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

Months: DEC, JAN, FEB (Winter)

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4		
< 0.5	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4		0.0	4
0.5 - 1.4	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
3.5 - 4.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
4.5 - 5.4	-	0.1	0.9	*	-	-	-	-	-	-	-	-	-	-	-	1.0	144
5.5 - 6.4	-	0.7	5.4	3.5	0.3	-	-	-	-	-	-	-	-	-	-	9.9	1484
6.5 - 7.4	-	0.5	5.3	8.7	5.6	0.7	*	-	-	-	-	-	-	-	-	20.9	3139
7.5 - 8.4	-	0.4	4.2	8.3	9.1	5.7	1.1	0.1	-	-	-	-	-	-	-	28.9	4351
8.5 - 9.4	-	0.1	2.2	4.0	6.1	5.3	3.3	0.7	0.1	*	-	-	-	-	-	21.7	3270
9.5 - 10.4	-	-	0.9	1.5	2.3	2.1	1.7	0.9	0.4	0.2	*	-	-	-	-	9.9	1495
10.5 - 11.4	-	-	0.4	0.9	1.0	0.9	0.7	0.5	0.3	0.2	*	*	*	-	-	5.0	752
11.5 - 12.4	-	-	0.1	0.3	0.4	0.5	0.2	0.1	0.2	0.1	*	-	*	*	-	1.9	286
12.5 - 13.4	-	-	*	0.1	0.1	0.2	0.1	*	-	*	*	-	-	-	-	0.6	91
13.5 - 14.4	-	-	-	0.1	0.1	*	*	*	-	-	-	-	-	-	-	0.2	29
14.5 - 15.4	-	-	-	-	-	*	-	-	-	-	-	-	-	-	-	0.0	1
TOTAL %	0.0	1.6	19.4	27.5	24.9	15.3	7.2	2.3	1.0	0.5	0.1	0.0	0.0	0.0	0.0	100.0	
TOTAL N	4	248	2925	4131	3746	2307	1087	351	148	76	14	5	2	2	0		15046

(* < 0.05%)

STATION: 46059

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

Months: MAR, APR, MAY (Spring)

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4		
< 0.5	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4		0.0	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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
4.5 - 5.4	-	1.1	3.2	*	-	-	-	-	-	-	-	-	-	-	-	4.3	656
5.5 - 6.4	-	2.8	17.3	5.5	0.2	-	-	-	-	-	-	-	-	-	-	25.9	3943
6.5 - 7.4	-	2.1	13.1	9.3	4.6	0.3	-	-	-	-	-	-	-	-	-	29.4	4476
7.5 - 8.4	-	0.9	7.4	6.6	4.0	1.9	0.3	*	-	-	-	-	-	-	-	21.1	3215
8.5 - 9.4	-	0.2	2.6	4.1	2.2	1.6	0.7	0.1	*	-	-	-	-	-	-	11.5	1747
9.5 - 10.4	-	-	0.6	1.4	1.4	0.8	0.4	0.2	0.1	*	-	-	-	-	-	4.9	744
10.5 - 11.4	-	-	0.1	0.5	0.6	0.4	0.2	0.1	*	0.1	-	-	-	-	-	2.0	299
11.5 - 12.4	-	-	*	0.2	0.2	0.1	0.1	*	*	-	-	-	-	-	-	0.7	107
12.5 - 13.4	-	-	-	0.1	*	*	*	*	-	-	-	-	-	-	-	0.2	24
13.5 - 14.4	-	-	-	*	-	*	-	-	-	-	-	-	-	-	-	0.0	5
14.5 - 15.4	-	-	-	-	-	*	*	-	-	-	-	-	-	-	-	0.0	5
15.5 - 16.4	-	-	-	-	-	-	*	-	-	-	-	-	-	-	-	0.0	1
TOTAL %	0.0	7.2	44.3	27.7	13.3	5.2	1.7	0.4	0.2	0.1	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	4	1092	6747	4212	2022	790	266	56	23	14	0	0	0	0	0		15226

(* < 0.05%)

STATION: 46059

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

Months: JUN, JUL, AUG (Summer)

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4		
< 0.5	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4		0.0	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	-	*	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	1
4.5 - 5.4	-	5.9	9.8	*	-	-	-	-	-	-	-	-	-	-	-	15.8	2436
5.5 - 6.4	-	11.6	32.9	8.6	*	-	-	-	-	-	-	-	-	-	-	53.1	8208
6.5 - 7.4	-	6.6	10.9	4.0	1.8	*	-	-	-	-	-	-	-	-	-	23.4	3620
7.5 - 8.4	-	1.9	2.9	0.7	0.2	0.2	*	-	-	-	-	-	-	-	-	5.8	903
8.5 - 9.4	-	0.3	0.5	0.4	0.3	-	*	-	-	-	-	-	-	-	-	1.5	229
9.5 - 10.4	-	*	*	0.1	0.2	-	-	-	-	-	-	-	-	-	-	0.3	43

10.5 - 11.4	-	-	-	-	0.1	*	-	-	-	-	-	-	-	-	-	0.1	12
11.5 - 12.4	-	*	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	1
TOTAL %	0.0	26.3	57.1	13.8	2.5	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	4	4058	8827	2128	394	43	3	0	0	0	0	0	0	0	0		15457

(* < 0.05%)

STATION: 46059

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	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	6
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	-	1.2	3.0	*	-	-	-	-	-	-	-	-	-	-	-	4.3	685
5.5 - 6.4	-	2.7	15.3	5.7	0.2	-	-	-	-	-	-	-	-	-	-	24.0	3841
6.5 - 7.4	-	1.9	13.5	11.4	4.3	0.3	*	-	-	-	-	-	-	-	-	31.3	5018
7.5 - 8.4	-	0.7	6.2	7.6	3.6	1.7	0.3	*	-	-	-	-	-	-	-	20.1	3223
8.5 - 9.4	-	0.2	2.3	3.5	2.4	1.5	0.8	0.3	0.1	-	-	-	-	-	-	11.1	1774
9.5 - 10.4	-	*	0.6	1.5	1.2	0.9	0.6	0.4	0.2	*	*	-	-	-	-	5.5	887
10.5 - 11.4	-	-	0.2	0.6	0.8	0.3	0.3	0.2	0.2	*	*	-	-	-	-	2.6	410
11.5 - 12.4	-	-	*	0.2	0.2	0.1	0.1	0.1	*	*	*	-	-	-	-	0.8	122
12.5 - 13.4	-	-	*	*	0.1	0.1	*	-	*	*	*	*	-	-	-	0.3	47
13.5 - 14.4	-	-	-	*	*	0.1	*	-	-	-	-	-	-	-	-	0.1	21
TOTAL %	0.0	6.7	41.0	30.7	12.7	5.0	2.1	1.1	0.4	0.1	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	6	1080	6578	4917	2043	808	329	174	72	17	8	1	1	0	0		16034

(* < 0.05%)

Summary complete: 09-Sep-2003 08:11:20