

ELEMENT SUMMARY FOR STATION: 41009
 (A) TOTAL STD MET RECORDS READ = 211159
 (B) TOTAL CWIND RECORDS READ = 0
 (C) TOTAL RECORDS USED IN STATS = 211159

	AIR TMP	SEA TMP	AIR-SEA	DEWPT	SLP	AVWS	PKGS-8M	PKGS-5S	SIGWVHT	AVWVPD	DWVPD	VSBY
(D) ELEMENT RECORDS AVAILABLE	208243	197574	196176	0	209448	199390	199068	0	186042	186042	186025	0
(E) ELEMENT OUT OF RANGE	2916	13585	14983	211159	1711	11769	12091	0	25117	25117	25134	211159

STATION: 41009 -- POR (8/1988 - 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
1988	MEAN	-	-	-	-	-	-	-	27.1	27.1	24.4	23.4	20.0	24.2
	MAXIMUM	-	-	-	-	-	-	-	29.8	29.0	28.1	26.8	24.1	29.8
	DAY-HR	-	-	-	-	-	-	-	25-21	22-18	02-17	05-17	31-20	AUG
	MINIMUM	-	-	-	-	-	-	-	24.6	23.5	20.6	17.3	10.3	10.3
	DAY-HR	-	-	-	-	-	-	-	27-20	07-20	22-19	29-09	17-19	DEC
	# OBS	-	-	-	-	-	-	-	1083	1433	1474	1425	1468	6883
1989	MEAN	21.2	19.5	21.1	22.2	24.4	25.8	27.0	27.7	27.7	25.0	22.9	16.4	23.7
	MAXIMUM	24.4	24.0	24.2	25.4	27.7	27.6	29.2	29.8	29.8	29.1	25.8	23.5	29.8
	DAY-HR	20-19	02-19	31-23	27-22	27-21	28-00	31-22	01-19	01-18	08-20	15-17	20-01	SEP
	MINIMUM	13.4	3.1	14.4	16.1	19.8	21.2	22.6	23.8	24.5	13.2	16.3	-0.3	-0.3
	DAY-HR	23-11	24-12	09-23	01-16	11-17	07-21	20-00	13-03	09-01	20-15	17-11	24-09	DEC
	# OBS	1474	1331	1462	1427	1460	1433	1479	1461	1420	1474	1160	940	16521
1990	MEAN	20.5	21.2	21.5	22.2	24.7	26.6	27.1	28.0	27.8	26.0	23.2	21.9	24.3
	MAXIMUM	24.5	24.8	24.3	25.1	28.3	29.2	29.9	30.0	29.7	28.5	26.6	24.9	30.0
	DAY-HR	08-00	18-16	17-22	19-00	29-20	21-22	25-18	07-14	17-20	10-21	10-01	20-19	AUG
	MINIMUM	11.2	12.0	14.9	14.7	21.5	22.9	22.8	24.3	23.0	17.2	17.2	14.5	11.2
	DAY-HR	13-13	24-12	04-11	04-16	07-11	05-00	02-21	24-21	30-05	26-11	11-07	08-22	JAN
	# OBS	1467	1340	1473	1369	1473	1431	1483	1486	1435	1476	1339	1291	17063
1991	MEAN	20.7	19.6	20.4	23.5	25.5	27.5	27.5	27.6	27.7	25.4	21.9	21.6	23.8
	MAXIMUM	25.2	23.8	24.4	26.6	27.4	28.9	29.8	29.9	29.2	28.2	25.8	25.9	29.9
	DAY-HR	03-19	14-20	25-21	30-19	07-18	29-23	18-16	12-23	15-16	05-23	23-02	04-01	AUG
	MINIMUM	11.9	4.9	13.0	19.6	23.1	23.6	23.5	24.1	22.7	20.5	9.4	13.6	4.9
	DAY-HR	22-21	16-11	05-11	02-02	14-05	27-02	26-22	24-23	29-21	31-10	10-13	04-12	FEB
	# OBS	1486	1343	1487	1433	1050	248	1484	1473	1436	1486	1438	1482	15846
1992	MEAN	18.3	18.8	19.7	21.4	23.3	25.9	27.8	27.4	27.3	24.8	23.5	20.9	23.3
	MAXIMUM	23.4	23.5	23.8	25.4	26.6	28.2	29.9	29.8	29.2	28.5	27.4	24.5	29.9
	DAY-HR	31-01	24-20	09-19	24-21	31-23	22-23	25-18	21-17	22-20	04-22	05-22	31-20	JUL
	MINIMUM	10.6	9.6	12.2	15.7	14.4	21.5	25.1	24.2	23.7	21.2	14.5	12.1	9.6
	DAY-HR	16-20	07-12	13-09	28-15	08-11	29-20	18-16	18-03	01-08	26-15	29-15	12-19	FEB
	# OBS	1478	1376	1472	1439	1486	1436	1481	1475	1413	1482	1424	1485	17447
1993	MEAN	21.1	17.6	18.7	20.6	23.7	26.2	27.7	27.6	27.8	25.6	23.2	19.0	23.3
	MAXIMUM	25.1	22.7	23.0	23.8	26.1	29.7	31.8	30.8	29.7	29.2	26.6	23.8	31.8
	DAY-HR	08-22	12-03	31-23	14-23	17-23	30-20	30-19	21-19	08-20	21-19	09-19	11-01	JUL
	MINIMUM	11.0	10.5	4.5	14.1	21.2	22.7	24.4	23.8	23.3	13.2	11.7	10.1	4.5
	DAY-HR	27-12	19-11	14-13	22-16	01-11	29-18	27-09	28-17	29-08	31-19	01-10	16-11	MAR
	# OBS	1464	1333	1462	1432	1480	1438	1467	1463	1420	1485	1434	1487	17365
1994	MEAN	19.2	20.6	20.8	23.3	24.8	26.8	27.2	27.1	26.8	25.4	23.8	20.6	23.9
	MAXIMUM	23.5	24.5	25.3	25.4	28.6	30.0	30.1	30.5	30.5	28.6	26.6	26.1	30.5
	DAY-HR	30-21	10-23	21-23	22-22	13-20	26-03	15-19	20-15	02-19	03-22	09-22	05-03	SEP
	MINIMUM	9.9	12.0	12.8	18.4	19.0	22.7	22.5	23.7	22.8	20.7	17.2	11.3	9.9
	DAY-HR	05-13	02-16	04-13	02-08	20-15	10-05	29-00	25-17	21-02	27-09	18-18	26-10	JAN
	# OBS	1482	1307	1481	1439	1470	1429	1449	1454	1409	1463	1430	1487	17300
1995	MEAN	18.0	17.8	20.5	22.9	25.6	26.4	27.6	27.7	27.6	26.4	22.0	19.0	23.5
	MAXIMUM	24.3	25.1	25.1	26.1	29.2	29.8	30.0	30.7	30.3	29.7	27.4	24.5	30.7
	DAY-HR	07-03	17-21	28-21	22-23	20-01	10-19	13-14	07-21	22-20	04-22	01-19	05-21	AUG
	MINIMUM	8.7	7.1	14.2	18.0	21.5	22.1	22.7	23.8	23.5	20.7	12.1	7.3	7.1
	DAY-HR	24-16	08-17	09-20	02-18	11-23	15-17	17-20	20-07	01-21	21-21	15-15	25-18	FEB
	# OBS	1482	1328	1485	1435	1480	1436	1481	1479	1434	1482	1422	1486	17430
1996	MEAN	18.3	18.0	18.2	21.2	24.8	26.0	27.2	27.2	27.3	25.2	22.3	20.7	23.1
	MAXIMUM	24.5	24.6	24.5	25.1	27.4	31.3	29.7	29.7	30.0	28.2	26.9	24.6	31.3
	DAY-HR	30-16	26-20	08-01	28-21	27-22	26-20	30-14	14-19	03-17	08-06	02-23	02-00	JUN
	MINIMUM	2.4	6.0	8.2	13.3	21.0	22.4	22.1	23.5	23.0	19.2	16.8	8.6	2.4
	DAY-HR	08-16	17-12	21-14	02-11	31-03	16-15	05-22	23-21	11-22	20-12	27-03	20-02	JAN
	# OBS	1469	1381	1485	1476	1479	1435	1673	1580	1432	1476	1388	1485	17759

1997	MEAN	19.3	21.4	22.7	21.7	24.3	26.0	27.9	27.9	27.4	25.2	21.9	18.8	23.7
	MAXIMUM	24.5	24.6	25.4	25.8	27.7	30.0	31.6	31.4	29.7	28.1	26.6	23.9	31.6
	DAY-HR	09-23	27-22	29-19	23-00	19-18	30-21	03-19	13-19	03-19	02-18	02-01	03-16	JUL
	MINIMUM	6.9	12.9	18.3	13.3	20.6	20.9	23.5	23.5	23.6	17.4	14.8	9.7	6.9
	DAY-HR	18-20	01-00	31-19	18-16	01-12	13-19	06-20	04-21	09-10	28-10	08-14	30-13	JAN
	# OBS	1475	1313	1486	1425	1480	1428	1318	1437	1431	1468	1402	1430	17093
1998	MEAN	19.7	18.0	18.6	21.8	24.7	27.7	27.9	28.4	27.1	26.3	24.3	22.4	24.0
	MAXIMUM	23.8	23.0	23.8	25.6	27.7	30.7	30.1	31.3	30.0	29.0	26.7	25.8	31.3
	DAY-HR	06-20	23-03	30-22	09-21	09-21	18-18	02-19	17-19	01-19	11-15	12-19	10-18	AUG
	MINIMUM	11.9	10.5	10.2	15.7	20.1	25.3	24.5	23.8	24.3	21.9	18.8	13.0	10.2
	DAY-HR	28-13	08-06	10-16	11-15	04-20	09-12	07-23	06-00	21-23	23-10	06-09	30-16	MAR
	# OBS	1403	1330	1427	1380	1472	1341	1462	1540	1417	1472	1436	1479	17159
1999	MEAN	21.0	20.0	20.0	22.8	23.9	26.1	26.4	27.6	27.0	25.5	22.9	19.9	23.3
	MAXIMUM	24.6	24.2	24.5	27.3	27.3	28.9	28.1	29.6	29.2	27.8	26.3	24.4	29.6
	DAY-HR	03-07	11-22	20-21	15-23	27-02	24-16	07-22	08-22	06-02	20-20	02-03	14-02	AUG
	MINIMUM	8.8	11.1	13.3	16.7	14.1	21.9	22.9	24.1	23.0	20.1	16.1	12.5	8.8
	DAY-HR	05-23	22-15	04-18	17-22	01-11	13-09	01-11	31-03	19-08	24-19	03-16	29-15	JAN
	# OBS	1484	1319	1438	1440	1393	1427	333	1352	713	741	695	739	13074
2000	MEAN	18.7	19.1	21.6	21.5	24.4	26.2	27.0	27.7	27.6	24.6	22.1	19.5	23.3
	MAXIMUM	23.6	22.6	26.2	25.8	27.5	27.8	29.6	29.4	29.6	27.9	26.0	24.9	29.6
	DAY-HR	04-22	19-21	30-23	25-23	30-01	28-23	16-21	12-03	16-01	06-20	19-22	13-21	SEP
	MINIMUM	5.2	12.4	18.0	14.1	21.8	21.9	22.9	24.1	23.4	19.8	14.1	5.2	5.2
	DAY-HR	26-15	05-19	05-08	09-11	01-08	11-14	24-22	12-19	30-23	09-20	21-20	20-13	DEC
	# OBS	737	690	740	711	734	719	742	740	718	737	718	742	8728
2001	MEAN	16.4	21.1	20.1	22.2	24.2	26.5	27.0	27.7	26.6	24.9	23.4	22.1	23.6
	MAXIMUM	23.3	23.4	24.1	26.3	27.0	28.8	28.9	29.7	29.2	27.7	26.0	25.2	29.7
	DAY-HR	18-20	28-20	04-03	16-03	30-23	19-00	04-22	20-22	03-23	07-01	03-17	14-16	AUG
	MINIMUM	8.0	14.2	11.1	15.5	20.6	22.2	23.6	22.4	22.7	17.5	19.4	11.9	8.0
	DAY-HR	04-16	05-16	07-15	18-20	01-03	24-20	09-00	03-10	15-14	27-22	13-13	27-04	JAN
	# OBS	674	583	741	717	743	718	743	742	713	743	718	740	8575
POR	MEAN	19.6	19.4	20.3	22.1	24.5	26.4	27.4	27.6	27.4	25.4	22.9	20.3	23.6
	MAXIMUM	25.2	25.1	26.2	27.3	29.2	31.3	31.8	31.4	30.5	29.7	27.4	26.1	31.8
	YEAR	1991	1995	2000	1999	1995	1996	1993	1997	1994	1995	1995	1994	JUL/1993
	MINIMUM	2.4	3.1	4.5	13.3	14.1	20.9	22.1	22.4	22.7	13.2	9.4	-0.3	-0.3
	YEAR	1996	1989	1993	1997	1999	1999	2001	2001	2001	1993	1991	1989	DEC/1989
	# OBS	17575	15974	17639	17123	17200	15919	16595	18765	17824	18459	17429	17741	208243

STATION: 41009 -- POR (8/1988 - 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
1988	MEAN	-	-	-	-	-	-	-	27.8	27.3	26.6	25.1	22.8	25.8
	MAXIMUM	-	-	-	-	-	-	-	29.7	29.2	28.5	26.6	25.0	29.7
	DAY-HR	-	-	-	-	-	-	-	10-00	25-21	02-20	17-20	03-07	AUG
	MINIMUM	-	-	-	-	-	-	-	26.6	23.4	25.8	23.7	18.0	18.0
	DAY-HR	-	-	-	-	-	-	-	23-09	09-09	29-08	10-09	20-06	DEC
	# OBS	-	-	-	-	-	-	-	1072	1433	1475	1423	1466	6869
1989	MEAN	22.7	22.6	22.2	22.9	24.7	26.0	27.2	28.5	28.7	27.3	25.0	21.4	25.1
	MAXIMUM	24.6	24.4	24.1	25.8	28.9	30.3	32.0	32.0	31.5	29.2	26.9	24.2	32.0
	DAY-HR	20-20	04-21	13-21	25-21	27-20	25-18	10-20	01-19	01-19	04-22	07-20	12-14	AUG
	MINIMUM	18.0	20.7	18.8	21.2	22.2	23.0	24.6	26.1	26.8	23.8	23.0	14.5	14.5
	DAY-HR	27-09	24-10	10-17	12-15	10-08	09-13	23-09	10-10	06-10	31-10	02-13	27-14	DEC
	# OBS	1470	1327	1452	1429	1460	1432	1481	1460	1420	1472	1159	938	16500
1990	MEAN	21.9	21.6	22.3	23.6	24.6	27.4	27.4	29.2	29.2	-	25.3	23.5	25.1
	MAXIMUM	24.2	24.2	24.3	27.0	28.4	30.0	30.8	32.1	31.3	-	26.1	24.6	32.1
	DAY-HR	08-01	03-03	20-00	17-18	15-19	30-17	31-20	26-19	17-21	-	26-19	17-20	AUG
	MINIMUM	19.6	18.8	18.8	21.9	22.2	25.3	23.7	28.1	28.4	-	24.3	21.9	18.8
	DAY-HR	26-19	24-17	11-13	10-10	11-13	04-13	18-13	30-13	25-15	-	30-23	28-14	MAR
	# OBS	1466	1339	1469	1362	1475	1433	1484	1487	1195	-	373	1270	14353
1991	MEAN	22.8	22.5	21.6	23.7	25.6	28.4	28.4	28.1	29.2	27.1	25.0	23.7	25.3
	MAXIMUM	25.1	24.2	23.7	26.6	27.7	30.5	32.2	32.2	30.5	28.9	26.8	25.3	32.2
	DAY-HR	03-19	11-22	26-23	30-16	17-21	29-18	23-20	11-18	24-18	07-15	05-12	03-23	AUG
	MINIMUM	19.6	21.1	19.1	20.3	23.5	26.8	26.8	25.8	27.6	25.3	21.4	22.2	19.1
	DAY-HR	17-03	28-06	11-04	01-05	11-12	26-11	31-12	05-12	29-21	31-22	15-07	25-07	MAR
	# OBS	1486	1343	1487	1433	1050	248	1484	1472	1435	1486	1437	1482	15843
1992	MEAN	22.2	21.5	21.7	23.0	24.3	26.3	28.2	28.2	27.9	26.7	25.5	24.0	25.0
	MAXIMUM	23.8	23.4	23.7	25.8	27.4	28.9	32.1	31.5	30.0	28.2	26.9	25.3	32.1
	DAY-HR	01-04	24-20	31-00	24-19	31-21	22-20	25-19	19-20	23-19	11-02	06-02	06-03	JUL

	MINIMUM	21.1	15.2	19.5	21.4	22.2	25.0	25.4	25.8	26.6	24.5	21.9	22.2	15.2
	DAY-HR	23-19	14-16	19-15	08-13	04-11	04-14	01-08	02-07	14-05	28-11	22-15	29-13	FEB
	# OBS	1478	1376	1472	1439	1485	1436	1481	1474	1414	1483	1425	1485	17448
1993	MEAN	22.4	20.8	20.2	22.1	24.0	26.6	28.2	28.3	29.3	27.5	25.2	23.9	25.1
	MAXIMUM	25.0	23.5	22.7	25.0	26.0	28.9	31.4	30.9	30.8	29.2	26.9	25.9	31.4
	DAY-HR	14-21	01-00	30-20	12-21	20-20	08-20	25-21	21-21	06-19	09-20	05-23	10-22	JUL
	MINIMUM	18.1	16.0	17.6	19.8	22.7	24.3	26.1	25.8	28.1	26.1	23.4	21.2	16.0
	DAY-HR	22-14	08-08	21-18	12-09	01-00	01-05	20-13	15-13	30-23	31-23	28-18	28-16	FEB
	# OBS	1463	1333	1440	715	640	1437	1468	1465	1423	1485	1434	1487	15790
1994	MEAN	22.3	22.9	22.6	23.5	25.9	27.7	27.6	28.1	27.8	26.6	25.5	22.9	25.3
	MAXIMUM	23.8	24.5	25.3	25.9	28.4	30.5	32.1	30.5	30.8	28.2	27.3	26.6	32.1
	DAY-HR	01-17	20-21	22-00	05-21	17-19	19-19	15-21	08-20	02-20	26-19	09-22	09-10	JUL
	MINIMUM	20.2	18.3	20.6	21.9	23.8	26.1	25.6	26.6	26.8	24.4	22.7	17.2	17.2
	DAY-HR	26-07	24-00	11-23	05-12	25-13	09-04	04-11	31-14	26-07	29-14	28-15	26-14	DEC
	# OBS	1483	1307	1481	1439	1471	1433	1445	1463	1411	1464	1430	1487	17314
1995	MEAN	22.0	21.2	21.2	23.4	25.6	26.7	28.0	28.2	28.7	27.3	25.2	22.9	24.4
	MAXIMUM	24.3	23.2	24.5	26.0	27.7	28.8	30.7	30.8	30.5	29.0	26.9	25.0	30.8
	DAY-HR	07-08	17-23	27-20	22-21	30-19	11-23	04-20	18-21	22-21	01-20	07-21	09-03	AUG
	MINIMUM	16.0	19.6	16.7	21.2	23.7	24.5	26.1	24.3	27.4	25.9	23.0	20.4	16.0
	DAY-HR	03-07	11-03	15-07	12-07	03-14	16-12	28-08	03-05	02-15	23-13	17-01	26-00	JAN
	# OBS	1481	1328	1485	672	737	715	738	737	711	735	704	730	10773
1996	MEAN	22.0	21.7	19.9	21.9	24.8	26.5	27.4	28.1	28.2	27.2	25.2	23.7	24.8
	MAXIMUM	24.3	23.7	22.2	24.3	28.5	29.7	30.7	31.3	30.8	28.7	26.9	25.1	31.3
	DAY-HR	06-20	26-22	01-20	20-23	19-21	26-20	26-22	14-20	03-19	01-07	01-22	31-05	AUG
	MINIMUM	18.4	19.5	15.7	19.1	22.2	23.8	25.1	25.0	26.6	26.1	22.2	21.5	15.7
	DAY-HR	03-02	18-08	14-14	02-16	01-02	03-16	24-12	03-13	23-13	27-13	26-14	24-09	MAR
	# OBS	1469	1380	1484	1476	1479	1435	1673	1581	1432	1476	1388	1485	17758
1997	MEAN	22.9	22.3	23.3	23.1	25.0	26.7	28.6	29.1	28.8	26.9	24.9	22.3	25.4
	MAXIMUM	24.7	24.2	25.8	25.0	27.4	30.7	31.4	31.6	30.0	28.9	26.1	25.3	31.6
	DAY-HR	01-20	24-00	30-20	24-20	19-18	30-20	03-22	13-21	13-20	05-01	01-00	01-01	AUG
	MINIMUM	21.2	18.4	21.2	21.1	22.2	24.5	27.4	26.1	27.7	25.4	23.4	16.8	16.8
	DAY-HR	25-15	27-08	01-10	21-13	05-18	08-07	17-06	06-03	30-11	24-15	12-20	22-06	DEC
	# OBS	1475	1313	1486	1425	1480	1433	1318	1439	1431	1468	1402	1061	16731
1998	MEAN	20.9	20.2	21.0	22.1	24.6	27.7	28.2	28.9	27.2	27.2	26.0	24.4	25.1
	MAXIMUM	23.0	22.7	24.1	25.1	27.4	30.0	30.5	31.3	30.0	29.0	27.4	25.8	31.3
	DAY-HR	21-10	26-03	16-00	28-21	31-20	23-22	24-21	17-22	01-21	11-18	02-22	18-04	AUG
	MINIMUM	19.0	16.0	18.0	20.4	21.9	26.1	26.8	26.6	25.1	25.3	25.0	22.2	16.0
	DAY-HR	23-09	12-16	14-21	15-15	01-13	09-04	15-08	04-10	14-16	27-07	30-16	29-22	FEB
	# OBS	823	1329	1427	1380	1471	1340	1463	1540	1417	1472	1437	1479	16578
1999	MEAN	23.4	22.8	22.4	23.6	25.0	26.7	27.7	28.4	28.7	27.5	25.6	23.8	25.3
	MAXIMUM	25.1	24.6	23.7	25.4	27.6	29.2	30.6	30.5	30.3	29.3	26.8	25.2	30.6
	DAY-HR	20-22	11-22	23-22	27-22	27-19	26-20	22-20	18-19	11-19	01-18	01-21	11-21	JUL
	MINIMUM	22.2	19.5	19.8	22.2	22.2	25.3	25.8	26.8	27.1	25.5	24.2	20.2	19.5
	DAY-HR	31-14	24-11	01-10	01-16	03-13	13-14	16-11	29-16	27-15	28-05	29-14	05-08	FEB
	# OBS	1484	1319	1438	1440	1392	1427	1453	1476	713	741	695	739	14317
2000	MEAN	22.2	21.8	23.2	23.2	25.3	26.6	28.0	28.8	28.7	26.9	25.3	24.0	25.3
	MAXIMUM	24.0	23.7	25.1	25.4	27.2	28.1	30.6	30.7	30.1	29.2	26.3	25.3	30.7
	DAY-HR	02-22	29-23	28-21	20-19	28-20	13-21	28-20	26-19	24-22	06-21	06-02	16-06	AUG
	MINIMUM	19.5	20.6	21.6	21.4	22.8	24.7	25.3	27.1	27.3	25.1	23.6	21.9	19.5
	DAY-HR	26-00	04-14	13-03	15-05	02-10	01-12	04-08	01-00	29-06	29-20	25-17	29-21	JAN
	# OBS	737	690	740	711	734	719	742	740	718	737	718	742	8728
2001	MEAN	21.7	21.8	22.1	23.5	25.0	27.1	27.6	28.7	28.2	26.8	24.8	24.7	25.2
	MAXIMUM	23.3	23.8	24.2	27.1	27.8	29.6	30.6	30.7	30.9	28.3	26.3	25.7	30.9
	DAY-HR	18-21	14-20	02-19	15-20	30-20	20-20	06-21	20-21	03-19	07-21	02-02	14-04	SEP
	MINIMUM	18.5	19.7	18.3	21.2	22.7	25.4	25.4	26.4	25.8	24.0	21.7	23.2	18.3
	DAY-HR	06-04	06-06	08-13	01-15	04-08	02-11	17-06	05-08	16-01	28-16	23-15	31-17	MAR
	# OBS	674	584	741	717	742	717	743	742	713	743	716	740	8572
POR	MEAN	22.3	21.8	21.7	23.0	24.9	26.9	27.9	28.5	28.4	27.0	25.3	23.5	25.1
	MAXIMUM	25.1	24.6	25.8	27.1	28.9	30.7	32.2	32.2	31.5	29.3	27.4	26.6	32.2
	YEAR	1999	1999	1997	2001	1989	1997	1991	1991	1989	1999	1998	1994	AUG/1991
	MINIMUM	16.0	15.2	15.7	19.1	21.9	23.0	23.7	24.3	23.4	23.8	21.4	14.5	14.5
	YEAR	1995	1992	1996	1998	1998	1990	1995	1988	1989	1991	1989	1991	DEC/1989
	# OBS	16989	15968	17602	15638	15616	15205	16973	18148	16866	16237	15741	16591	197574

STATION: 41009 -- POR (8/1988 - 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
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1988	MEAN	-	-	-	-	-	-	-	1016.3	1017.2	1017.8	1018.1	1022.9	1018.6
	MAXIMUM	-	-	-	-	-	-	-	1020.4	1023.4	1025.5	1025.1	1031.4	1031.4
	DAY-HR	-	-	-	-	-	-	-	11-16	16-16	14-15	29-16	19-16	DEC
	MINIMUM	-	-	-	-	-	-	-	1010.9	1010.1	1010.2	1001.5	1012.7	1001.5
	DAY-HR	-	-	-	-	-	-	-	28-05	05-09	03-20	23-18	11-22	NOV
	# OBS	-	-	-	-	-	-	-	1082	1433	1474	1425	1470	6884
1989	MEAN	1022.0	1023.6	1019.1	1018.2	1018.1	1019.2	1019.4	1016.6	1015.0	1017.3	1018.8	1019.8	1018.9
	MAXIMUM	1028.9	1031.5	1025.2	1026.7	1024.3	1025.2	1025.0	1022.1	1020.4	1026.8	1027.5	1026.1	1031.5
	DAY-HR	11-15	15-15	28-15	02-16	31-16	01-16	23-04	01-16	28-16	22-15	19-15	25-02	FEB
	MINIMUM	1006.9	1011.2	1011.1	1010.9	1011.7	1014.1	1014.4	1010.2	1004.8	1009.5	1010.3	1008.4	1004.8
	DAY-HR	22-21	22-09	31-22	21-11	10-22	07-07	20-22	07-23	21-21	29-22	16-19	13-05	SEP
	# OBS	1474	1329	1463	1429	1460	1431	1479	1462	1423	1474	1161	939	16524
1990	MEAN	1020.9	1021.7	1021.4	1018.0	1016.3	1017.4	1017.6	1017.0	1016.1	1015.3	1018.8	1021.4	1018.4
	MAXIMUM	1029.4	1034.4	1029.7	1028.8	1023.5	1023.6	1022.5	1020.5	1021.0	1023.4	1028.3	1027.9	1034.4
	DAY-HR	14-16	26-17	09-03	20-16	08-16	02-16	18-03	16-15	04-17	30-16	15-15	01-16	FEB
	MINIMUM	1013.5	1008.5	1010.1	1005.6	1006.2	1011.5	1009.2	1010.9	1010.0	1003.8	1007.1	1010.1	1003.8
	DAY-HR	29-20	10-22	03-20	03-21	29-00	19-22	28-09	30-23	23-20	10-21	10-08	08-10	OCT
	# OBS	1465	1340	1470	1370	1474	1433	1484	1486	1435	1476	1330	1278	17041
1991	MEAN	1019.8	1019.3	1015.2	1017.3	1018.0	1016.5	1017.4	1017.6	1017.3	1016.7	1020.3	1022.2	1018.2
	MAXIMUM	1026.7	1028.7	1024.0	1026.0	1023.4	1019.9	1022.6	1022.8	1021.7	1024.3	1026.4	1036.1	1036.1
	DAY-HR	06-15	17-01	16-15	04-16	08-03	27-16	20-15	07-15	30-04	18-16	28-16	20-15	DEC
	MINIMUM	1009.4	1000.5	998.6	1006.5	1013.3	1012.6	1012.5	1012.4	1007.8	1008.0	1011.8	1012.4	998.6
	DAY-HR	20-06	14-20	03-21	21-08	14-23	30-23	01-22	18-09	26-08	16-08	09-09	24-07	MAR
	# OBS	1486	1343	1487	1433	1050	248	1484	1473	1436	1486	1437	1482	15845
1992	MEAN	1018.4	1017.5	1017.9	1017.1	1016.6	1014.0	1019.8	1018.9	1016.3	1015.9	1017.3	1019.9	1017.5
	MAXIMUM	1028.0	1026.6	1026.6	1024.8	1024.1	1020.3	1024.3	1022.6	1022.7	1027.4	1025.1	1025.1	1028.0
	DAY-HR	25-15	21-15	02-15	16-16	10-16	08-15	25-03	08-16	06-16	22-16	10-16	28-16	JAN
	MINIMUM	1007.8	995.2	1007.9	1008.7	1009.3	1008.6	1014.8	1014.9	1006.3	1007.2	1010.9	1008.6	995.2
	DAY-HR	14-10	06-20	23-20	25-22	14-10	20-20	05-22	28-23	28-21	04-21	05-22	10-20	FEB
	# OBS	1478	1376	1472	1439	1486	1436	1481	1475	1414	1484	1426	1485	17452
1993	MEAN	1019.2	1017.6	1017.3	1015.6	1015.7	1016.9	1017.4	1016.8	1016.9	1014.9	1018.3	1018.0	1017.0
	MAXIMUM	1026.0	1024.4	1033.2	1023.4	1020.9	1022.6	1022.1	1023.9	1022.0	1020.4	1026.7	1032.0	1033.2
	DAY-HR	20-17	25-17	15-15	25-16	05-16	18-17	10-16	04-16	13-17	20-16	02-16	27-16	MAR
	MINIMUM	1001.4	1008.8	991.8	1004.7	1005.7	1005.5	1012.6	1012.5	1012.6	1005.1	1006.4	1003.4	991.8
	DAY-HR	26-23	22-21	13-12	05-11	20-23	01-12	31-23	31-09	05-22	30-21	25-10	14-22	MAR
	# OBS	1464	1333	1460	1432	1479	1438	1468	1463	1422	1483	1433	1487	17362
1994	MEAN	1020.5	1020.2	1016.1	1018.6	1014.5	1016.9	1019.2	1017.8	1016.3	1014.2	1016.4	1017.3	1017.3
	MAXIMUM	1031.4	1028.7	1028.0	1025.6	1021.7	1022.0	1024.2	1021.0	1021.0	1020.1	1025.1	1022.6	1031.4
	DAY-HR	16-17	03-16	12-17	09-17	06-16	26-16	09-16	04-16	01-17	17-16	25-02	02-16	JAN
	MINIMUM	1004.9	1011.6	1001.8	1010.6	1003.4	1013.4	1013.7	1012.7	1009.5	1005.4	996.4	1001.3	996.4
	DAY-HR	04-00	24-10	02-20	22-22	19-20	18-22	28-09	22-00	26-21	03-10	17-01	23-09	NOV
	# OBS	1481	1306	1480	1439	1468	1429	1454	1458	1407	1463	1430	1487	17302
1995	MEAN	1018.4	1019.0	1017.4	1014.9	1015.0	1014.6	1016.3	1012.6	1014.1	1014.0	1018.7	1018.9	1016.1
	MAXIMUM	1028.1	1028.1	1030.3	1023.3	1020.7	1021.4	1021.9	1019.5	1020.4	1023.4	1025.6	1028.0	1030.3
	DAY-HR	25-16	09-15	11-17	03-18	29-17	16-16	05-16	04-18	15-16	30-16	16-16	12-15	MAR
	MINIMUM	1006.0	1007.0	1006.6	1007.1	1007.0	1006.3	1010.2	999.9	1008.0	1004.7	1008.6	1005.5	999.9
	DAY-HR	15-01	04-13	24-09	06-21	20-10	05-23	18-21	02-07	02-09	15-09	14-10	20-00	AUG
	# OBS	1482	1327	1485	1435	1480	1436	1482	1479	1434	1482	1422	1486	17430
1996	MEAN	1018.5	1018.5	1017.5	1017.6	1017.7	1016.3	1017.5	1017.8	1013.7	1015.8	1019.9	1019.9	1017.6
	MAXIMUM	1026.6	1033.8	1030.2	1024.3	1025.7	1021.9	1024.2	1022.1	1021.5	1026.5	1030.4	1028.3	1033.8
	DAY-HR	15-16	05-16	04-16	22-03	09-17	01-16	17-17	05-16	27-16	27-15	13-15	22-15	FEB
	MINIMUM	1004.9	1007.8	1003.5	1006.4	1004.6	1010.8	1008.1	1009.8	1004.0	998.7	1009.8	1010.1	998.7
	DAY-HR	01-20	16-11	18-21	01-22	22-09	18-07	11-09	31-23	05-08	08-06	08-22	08-10	OCT
	# OBS	1469	1381	1484	1476	1479	1435	1673	1581	1431	1475	1388	1485	17757
1997	MEAN	1019.9	1021.2	1018.6	1015.4	1016.9	1014.3	1016.6	1016.4	1014.3	1016.3	1016.3	1014.7	1016.7
	MAXIMUM	1028.1	1031.2	1027.2	1024.2	1024.2	1021.1	1021.9	1022.6	1019.5	1023.0	1026.0	1025.8	1031.2
	DAY-HR	21-15	18-16	08-16	02-16	05-16	26-17	07-16	17-17	14-16	10-15	17-16	31-23	FEB
	MINIMUM	1006.9	1015.6	1002.3	999.5	1007.2	1003.3	1008.8	1011.7	1007.8	1009.4	1002.8	1000.6	999.5
	DAY-HR	09-23	15-09	22-00	23-22	13-08	06-09	03-09	30-22	28-08	18-20	30-22	16-00	APR
	# OBS	1475	1313	1486	1425	1480	1427	1313	1437	1431	1467	1402	1430	17086
1998	MEAN	1017.5	1012.7	1018.3	1016.0	1014.3	1016.1	1016.9	1015.9	1014.2	1017.7	1018.7	1020.6	1016.6
	MAXIMUM	1033.6	1022.3	1030.9	1024.4	1020.5	1023.6	1021.9	1022.0	1019.9	1024.9	1026.5	1026.8	1033.6
	DAY-HR	01-15	10-16	26-16	13-17	17-16	09-16	22-17	08-16	11-16	24-15	12-14	20-15	JAN
	MINIMUM	1005.5	993.8	1004.7	1004.7	1004.2	1008.8	1010.2	1005.6	1007.8	1010.2	999.0	1007.8	993.8
	DAY-HR	16-10	04-08	20-21	04-22	11-09	14-22	13-08	26-01	03-09	01-21	05-16	29-22	FEB
	# OBS	1399	1329	1427	1380	1472	1339	1461	1538	1417	1471	1436	1479	17148
1999	MEAN	1021.3	1019.6	1017.8	1017.0	1016.3	1017.2	1018.6	1013.9	1011.6	1015.5	1018.2	1020.3	1017.4
	MAXIMUM	1029.8	1028.3	1026.7	1025.2	1022.4	1021.0	1023.6	1021.7	1019.6	1023.0	1028.7	1028.8	1029.8
	DAY-HR	05-16	15-17	08-16	07-16	30-16	03-16	18-16	16-15	28-16	28-16	05-16	02-15	JAN
	MINIMUM	1009.9	1007.5	1005.0	1007.1	1007.7	1014.0	1010.2	1001.5	980.7	984.2	1007.2	1011.1	980.7
	DAY-HR	03-07	19-21	14-21	30-10	01-08	17-00	31-00	29-07	15-10	16-19	16-10	28-21	SEP
	# OBS	1484	1319	1438	1440	1391	1427	1453	1476	713	741	695	739	14316

2000	MEAN	1020.9	1022.2	1017.2	1016.5	1017.1	1018.8	1015.5	1016.9	1013.9	1017.7	1017.6	1020.2	1017.9
	MAXIMUM	1036.4	1029.9	1024.8	1026.5	1024.4	1023.7	1019.7	1021.7	1018.3	1024.6	1029.3	1027.5	1036.4
	DAY-HR	15-16	06-16	07-16	10-15	18-16	18-17	31-16	07-16	19-15	23-16	22-15	14-15	JAN
	MINIMUM	1000.6	1014.1	1002.6	1007.5	1007.6	1014.0	1008.1	1008.5	1009.2	1008.4	1010.7	1003.7	1000.6
	DAY-HR	24-21	14-21	27-21	25-10	29-23	05-23	15-23	30-22	15-21	01-08	10-21	28-22	JAN
	# OBS	737	690	740	711	734	719	742	740	718	738	718	742	8729
2001	MEAN	1020.4	1022.1	1014.3	1020.2	1016.6	1017.8	1016.6	1017.7	1014.0	1018.3	1018.4	1018.3	1017.8
	MAXIMUM	1029.7	1027.9	1020.8	1029.3	1022.3	1025.5	1022.9	1023.1	1019.1	1028.4	1026.1	1026.5	1029.7
	DAY-HR	02-16	08-16	28-05	21-18	10-16	27-16	28-16	07-03	06-16	29-16	08-14	22-15	JAN
	MINIMUM	1011.7	1012.7	1007.3	1008.9	1010.1	1011.6	1009.3	1012.0	997.7	1010.2	1005.8	1010.6	997.7
	DAY-HR	08-22	28-23	20-09	01-00	23-22	02-20	14-21	15-08	15-10	23-20	15-10	18-10	SEP
	# OBS	674	583	740	717	742	716	743	743	713	743	718	740	8572
POR	MEAN	1019.8	1019.4	1017.7	1017.0	1016.3	1016.5	1017.7	1016.5	1015.3	1016.2	1018.3	1019.6	1017.5
	MAXIMUM	1036.4	1034.4	1033.2	1029.3	1025.7	1025.5	1025.0	1023.9	1023.4	1028.4	1030.4	1036.1	1036.4
	YEAR	2000	1990	1993	2001	1996	2001	1989	1993	1988	2001	1996	1991	JAN/2000
	MINIMUM	1000.6	993.8	991.8	999.5	1003.4	1003.3	1008.1	999.9	980.7	984.2	996.4	1000.6	980.7
	YEAR	2000	1993	1997	1994	1999	2000	1995	1999	1999	1994	1994	1997	SEP/1999
	# OBS	17568	15969	17632	17126	17195	15914	17717	18893	17827	18457	17421	17729	209448

STATION: 41009 -- POR (8/1988 - 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
1988	MEAN	-	-	-	-	-	-	-	8.5	9.3	11.7	11.8	11.2	10.6
	MAXIMUM	-	-	-	-	-	-	-	22.4	25.9	26.8	29.9	29.0	29.9
	DAY-HR	-	-	-	-	-	-	-	12-21	06-00	07-20	23-21	13-05	NOV
	MINIMUM	-	-	-	-	-	-	-	0.0	0.0	0.0	0.0	0.0	0.0
	DAY-HR	-	-	-	-	-	-	-	27-04	22-18	24-07	17-17	31-20	DEC
	# OBS	-	-	-	-	-	-	-	1083	1434	1476	1429	1472	6894
1989	MEAN	11.3	-	10.4	10.3	8.9	9.4	7.9	7.0	8.7	12.7	10.7	12.3	10.0
	MAXIMUM	39.5	-	21.8	25.7	32.7	31.3	24.5	27.0	24.5	33.2	23.7	33.8	39.5
	DAY-HR	22-18	-	23-23	30-18	22-01	07-20	19-23	20-11	21-18	29-03	23-14	23-18	JAN
	MINIMUM	0.0	-	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0
	DAY-HR	27-01	-	18-15	30-10	17-17	18-11	29-19	31-17	17-13	02-23	02-21	28-00	NOV
	# OBS	1475	-	846	1430	1465	960	680	1462	1430	1476	1161	940	13325
1990	MEAN	11.2	13.2	11.4	11.7	10.6	8.2	8.6	7.1	10.0	12.9	11.7	10.4	10.6
	MAXIMUM	27.0	28.4	25.1	23.9	19.6	22.4	23.7	21.2	26.0	27.8	26.2	23.9	28.4
	DAY-HR	26-12	24-05	08-06	19-19	09-11	23-17	13-23	09-21	16-21	10-14	30-01	03-02	FEB
	MINIMUM	0.4	0.8	0.4	0.2	0.0	0.2	0.2	0.0	0.4	0.8	0.2	0.4	0.0
	DAY-HR	30-18	18-15	10-12	17-16	28-10	07-16	05-03	29-05	06-14	23-23	25-03	12-00	AUG
	# OBS	1470	1340	1473	1374	1474	1433	1484	1488	1435	1476	1349	1312	17108
1991	MEAN	11.1	13.4	13.1	11.7	9.7	5.0	8.7	8.2	9.1	12.1	12.9	11.1	10.9
	MAXIMUM	30.9	30.3	28.0	26.0	21.6	20.0	20.8	25.9	23.5	24.5	28.2	26.4	30.9
	DAY-HR	20-07	15-18	18-02	25-22	22-11	27-02	04-23	11-01	30-06	24-03	09-08	19-21	JAN
	MINIMUM	0.2	0.0	0.4	0.0	0.6	0.2	0.0	0.2	0.2	0.0	0.6	0.4	0.0
	DAY-HR	27-20	25-10	01-09	06-13	17-08	29-04	22-12	22-15	24-02	04-15	01-03	27-18	OCT
	# OBS	1486	1343	1487	1433	1050	248	1484	1473	1436	1486	1438	1482	15846
1992	MEAN	12.3	11.3	11.1	12.0	9.5	9.7	8.0	7.2	9.5	12.3	15.9	12.2	10.9
	MAXIMUM	25.1	24.5	26.2	24.7	19.6	24.9	19.4	26.6	23.7	28.0	27.2	27.2	28.0
	DAY-HR	20-15	08-04	26-02	12-07	07-21	29-19	06-23	04-23	30-23	07-03	09-19	12-05	OCT
	MINIMUM	0.6	0.0	0.6	0.0	0.6	0.0	0.2	0.0	0.2	0.4	2.7	0.0	0.0
	DAY-HR	29-03	25-03	09-19	24-05	31-05	12-08	25-15	18-18	15-02	30-20	03-21	23-03	DEC
	# OBS	1478	1376	1472	1439	1486	1436	1481	1474	1416	1483	1427	1485	17453
1993	MEAN	12.0	13.5	15.0	13.8	11.9	9.2	7.9	9.2	9.4	10.7	14.0	13.7	11.7
	MAXIMUM	35.0	33.2	44.5	33.6	21.4	22.4	20.0	22.9	26.6	33.6	29.4	29.5	44.5
	DAY-HR	27-03	26-17	13-16	01-11	13-05	25-01	31-23	10-19	14-16	06-20	26-10	26-06	MAR
	MINIMUM	0.2	0.8	0.0	0.4	0.8	0.2	0.2	0.6	0.2	0.4	1.0	0.2	0.0
	DAY-HR	26-11	15-05	25-11	11-23	16-11	30-20	27-02	26-18	22-09	28-07	18-10	22-16	MAR
	# OBS	1464	1333	1463	1432	1480	1435	1469	1472	1424	1484	1433	1487	17376
1994	MEAN	15.6	14.1	14.3	11.8	9.9	8.4	8.1	8.0	9.5	11.6	14.1	13.7	11.6
	MAXIMUM	36.7	32.3	34.0	22.7	27.2	29.4	26.4	24.5	24.9	28.2	35.8	34.0	36.7
	DAY-HR	04-05	19-01	02-17	07-02	19-22	25-23	28-23	12-16	12-23	28-02	15-00	24-04	JAN
	MINIMUM	0.6	1.0	0.6	0.2	0.2	0.0	0.4	0.2	0.2	0.4	0.2	0.6	0.0
	DAY-HR	13-17	04-20	16-22	07-18	09-22	14-12	31-10	28-12	29-06	13-14	22-07	29-17	JUN
	# OBS	1483	1308	1483	425	1039	1432	1456	1461	1410	1463	1429	1487	15876
1995	MEAN	14.5	13.9	12.9	11.5	10.5	10.6	9.2	15.5	8.2	13.1	14.5	12.6	11.9
	MAXIMUM	31.9	34.8	29.4	23.9	29.2	26.4	29.5	41.0	22.4	30.1	18.5	28.6	41.0

	DAY-HR	14-12	04-19	09-12	06-04	20-14	04-23	28-22	02-05	05-04	15-09	29-19	20-13	AUG
	MINIMUM	0.6	0.0	0.0	0.8	0.0	0.0	0.0	0.6	0.0	0.2	8.2	0.2	0.0
	DAY-HR	02-03	24-01	30-13	29-06	26-10	29-02	16-13	30-01	22-19	11-14	30-00	04-00	SEP
	# OBS	1482	1328	1485	1435	1478	1436	1480	551	1434	1370	98	1485	15062
1996	MEAN	14.5	12.8	15.3	11.7	9.5	9.8	10.0	8.1	9.6	7.5	15.7	13.2	11.8
	MAXIMUM	35.4	34.4	38.3	25.5	23.9	22.7	25.5	23.9	22.4	10.7	32.7	32.1	38.3
	DAY-HR	08-12	17-03	11-15	02-20	14-23	09-20	09-23	12-19	11-22	31-15	15-15	09-08	MAR
	MINIMUM	0.4	0.2	0.2	0.0	0.0	0.0	0.2	0.0	0.4	5.4	1.2	0.2	0.0
	DAY-HR	11-16	08-21	31-20	05-19	05-12	23-18	07-21	26-17	01-15	31-23	21-01	29-04	AUG
	# OBS	1469	1379	1481	1475	1479	1435	1671	1579	1021	19	1387	1485	15880
1997	MEAN	12.8	13.0	13.3	14.3	10.7	10.7	8.0	7.7	10.6	11.4	12.0	12.9	11.5
	MAXIMUM	28.8	27.0	30.9	31.7	33.0	25.5	27.2	27.2	25.1	22.6	26.6	41.4	41.4
	DAY-HR	18-12	10-19	31-18	18-09	03-21	10-06	26-23	03-22	27-10	11-19	01-01	16-00	DEC
	MINIMUM	0.0	0.6	0.2	0.4	0.2	0.2	0.0	0.0	0.2	0.2	0.0	0.0	0.0
	DAY-HR	03-03	07-09	21-12	13-00	07-19	21-22	14-14	13-19	21-10	17-04	12-07	23-23	DEC
	# OBS	1473	1313	1483	1423	1480	1431	1321	1436	1430	1465	1402	1430	17087
1998	MEAN	13.8	15.6	14.2	12.4	8.9	9.1	8.8	8.5	10.7	10.9	10.1	10.8	11.1
	MAXIMUM	28.8	36.2	30.7	29.4	26.6	18.5	21.6	27.4	28.8	25.3	33.2	28.0	36.2
	DAY-HR	28-10	03-06	09-08	11-19	04-21	17-05	15-01	20-17	03-20	23-04	05-21	15-17	FEB
	MINIMUM	0.2	0.2	0.0	0.6	0.0	0.0	0.0	0.0	0.2	0.2	0.0	0.8	0.0
	DAY-HR	19-02	21-03	23-00	22-23	27-18	20-16	02-17	01-19	02-10	11-09	15-19	31-17	NOV
	# OBS	1402	1330	1427	1380	1468	1310	1464	1538	1418	1472	1437	1479	17125
1999	MEAN	12.5	12.2	11.6	10.5	10.5	9.1	10.0	9.2	13.2	15.0	14.2	13.3	11.5
	MAXIMUM	40.6	28.8	27.2	24.9	26.8	27.8	25.3	29.0	53.5	45.5	30.1	27.4	53.5
	DAY-HR	03-07	01-02	14-20	17-16	01-15	30-23	01-00	29-10	15-11	16-11	03-07	25-22	SEP
	MINIMUM	0.6	0.2	0.2	0.2	0.4	0.2	0.0	0.0	0.4	1.6	2.3	0.4	0.0
	DAY-HR	20-10	10-03	17-04	26-02	23-07	24-16	07-10	13-09	17-12	20-20	14-14	31-16	AUG
	# OBS	1484	1319	1438	1440	1396	1427	309	1352	713	741	695	739	13053
2000	MEAN	13.1	12.1	12.3	12.2	10.8	10.0	9.7	9.1	11.3	14.8	12.2	14.3	11.8
	MAXIMUM	34.0	26.0	24.9	27.6	20.0	19.8	26.0	25.9	35.0	32.5	24.7	30.9	35.0
	DAY-HR	24-22	09-22	19-00	09-07	22-06	06-02	07-23	12-19	30-23	04-07	25-15	29-04	SEP
	MINIMUM	0.6	1.7	1.0	0.4	0.2	1.0	0.2	0.0	0.4	0.4	1.7	0.6	0.0
	DAY-HR	24-15	08-01	28-18	12-10	24-19	24-16	04-05	18-12	13-09	29-02	13-21	02-08	AUG
	# OBS	737	690	739	711	734	719	741	740	719	737	718	742	8727
2001	MEAN	13.0	10.0	13.8	11.7	11.8	7.9	10.2	7.5	10.2	14.2	13.3	12.5	11.4
	MAXIMUM	33.0	20.4	30.5	25.1	22.7	29.9	26.4	27.8	34.0	28.4	29.4	27.8	34.0
	DAY-HR	23-20	24-06	19-17	26-20	26-04	01-20	23-22	01-20	14-16	08-16	15-01	29-11	SEP
	MINIMUM	0.8	0.2	0.6	0.4	1.0	0.2	0.0	0.2	0.8	0.8	0.6	0.4	0.0
	DAY-HR	27-05	28-20	25-19	17-20	18-18	20-07	08-17	29-11	27-11	03-17	11-03	13-21	JUL
	# OBS	674	584	741	717	743	718	743	743	714	742	718	741	8578
POR	MEAN	12.9	13.1	13.1	12.0	10.2	9.3	8.7	8.3	9.7	12.3	13.0	12.4	11.2
	MAXIMUM	40.6	36.2	44.5	33.6	33.0	31.3	29.5	41.0	53.5	45.5	35.8	41.4	53.5
	YEAR	1999	1998	1993	1993	1997	1989	1995	1995	1999	1999	1994	1997	SEP/1999
	MINIMUM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	YEAR	1997	1995	1998	1996	1998	2001	2000	1995	1991	1998	1997	1997	JUL/2001
	# OBS	17577	14643	17018	16114	16772	15420	15783	17852	17434	16890	16121	17766	199390

STATION: 41009 -- POR (8/1988 - 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
1988	MEAN	-	-	-	-	-	-	-	10.5	11.4	14.9	14.8	14.2	13.3
	MAXIMUM	-	-	-	-	-	-	-	29.0	33.4	32.5	37.1	33.8	37.1
	DAY-HR	-	-	-	-	-	-	-	15-19	06-00	07-20	24-01	13-04	NOV
	# OBS	-	-	-	-	-	-	-	1079	1434	1475	1421	1468	6877
1989	MEAN	14.0	-	12.5	12.6	10.9	11.3	9.7	8.8	10.9	16.0	13.5	15.6	12.4
	MAXIMUM	52.5	-	26.8	30.9	48.4	50.3	37.1	37.7	33.6	47.8	29.4	42.0	52.5
	DAY-HR	22-18	-	23-22	30-18	22-01	07-20	19-23	20-04	25-21	09-04	16-12	23-18	JAN
	# OBS	1471	-	845	1425	1454	956	678	1457	1421	1472	1155	939	13273
1990	MEAN	13.8	16.3	14.3	14.5	12.8	10.1	10.5	9.0	12.5	16.1	14.8	12.8	13.1
	MAXIMUM	33.0	35.4	33.2	29.4	25.3	34.2	34.6	31.3	31.9	34.2	32.7	29.7	35.4
	DAY-HR	26-13	24-05	08-04	19-19	26-03	05-00	02-19	24-20	16-21	10-12	30-05	01-03	FEB
	# OBS	1463	1338	1471	1360	1474	1432	1484	1487	1435	1476	1320	1257	16997
1991	MEAN	13.9	16.8	16.2	14.3	12.1	6.6	10.6	10.0	11.5	15.2	16.1	13.8	13.6
	MAXIMUM	40.0	38.5	36.2	34.2	26.0	24.9	27.2	32.5	28.6	30.9	34.8	33.6	40.0
	DAY-HR	20-07	15-22	03-18	25-22	22-11	27-02	30-22	11-01	30-01	15-17	09-08	20-01	JAN
	# OBS	1486	1343	1486	1432	1050	248	1484	1473	1435	1486	1437	1482	15842

1992	MEAN	15.6	14.2	13.8	15.0	11.7	11.8	9.7	9.0	11.9	16.0	19.8	15.4	13.7
	MAXIMUM	33.2	35.8	31.7	30.5	24.5	40.8	24.5	32.1	32.9	38.1	39.7	33.8	40.8
	DAY-HR	04-09	25-21	26-02	14-02	07-18	23-00	06-23	04-23	28-10	07-02	22-11	12-05	JUN
	# OBS	1478	1376	1472	1439	1485	1436	1481	1474	1413	1479	1423	1483	17439
1993	MEAN	15.0	17.1	18.9	17.1	14.5	11.2	9.6	11.3	12.0	13.5	17.7	17.7	14.6
	MAXIMUM	46.5	46.1	61.2	41.0	25.7	28.0	25.9	30.1	36.4	43.2	36.2	36.7	61.2
	DAY-HR	27-03	22-21	13-16	01-11	13-05	25-01	31-23	10-18	09-22	06-20	26-09	26-09	MAR
	# OBS	1463	1332	1462	1432	1479	1433	1463	1469	1420	1484	1433	1487	17357
1994	MEAN	19.5	17.6	17.6	14.4	12.1	10.2	9.7	9.9	11.5	14.4	17.4	16.9	14.3
	MAXIMUM	45.9	42.2	43.5	28.2	31.7	37.1	31.9	33.0	34.4	35.4	44.3	40.6	45.9
	DAY-HR	04-05	18-23	02-15	07-02	20-16	25-23	28-23	15-00	12-23	08-04	15-00	24-04	JAN
	# OBS	1482	1303	1480	425	1037	1429	1440	1453	1403	1461	1428	1487	15828
1995	MEAN	18.1	17.1	15.6	14.1	12.5	13.0	11.2	19.5	10.8	16.8	17.8	16.0	14.7
	MAXIMUM	41.0	43.5	36.0	28.2	35.8	36.5	36.7	52.3	31.9	37.3	29.5	34.8	52.3
	DAY-HR	15-09	04-19	09-12	02-14	20-14	04-23	28-22	02-05	05-04	04-22	29-14	20-13	AUG
	# OBS	1482	1328	1484	1435	1477	1436	1480	551	1434	1370	98	1485	15060
1996	MEAN	18.2	16.0	18.7	14.1	11.3	11.8	11.9	9.9	11.8	9.3	19.7	16.5	14.5
	MAXIMUM	43.4	44.1	57.7	30.7	31.3	27.8	32.1	31.7	34.6	13.0	39.7	40.2	57.7
	DAY-HR	08-13	17-03	12-00	02-20	28-21	20-19	09-23	08-04	11-22	31-15	15-14	09-11	MAR
	# OBS	1469	1379	1481	1475	1479	1435	1671	1579	1021	19	1387	1485	15880
1997	MEAN	15.9	15.7	16.0	17.4	12.8	12.8	9.7	9.6	13.2	14.3	15.1	15.9	14.1
	MAXIMUM	37.5	31.9	38.3	40.6	42.8	32.9	36.4	32.3	39.9	32.5	34.0	52.1	52.1
	DAY-HR	18-12	18-12	31-18	18-09	03-21	06-02	26-23	03-22	25-21	11-19	01-01	16-00	DEC
	# OBS	1472	1313	1482	1423	1479	1430	1320	1435	1430	1464	1402	1430	17080
1998	MEAN	17.1	19.2	17.5	15.1	10.7	10.8	10.5	10.5	12.9	13.5	12.5	13.3	13.6
	MAXIMUM	35.4	46.7	36.7	34.8	31.7	22.2	29.5	35.2	39.3	32.7	41.8	33.6	46.7
	DAY-HR	28-10	03-06	09-08	11-19	04-21	17-05	28-03	21-14	03-20	23-04	05-20	15-17	FEB
	# OBS	1392	1329	1427	1380	1466	1305	1461	1535	1416	1471	1437	1479	17098
1999	MEAN	15.6	15.3	14.5	12.7	12.8	11.0	12.1	11.1	16.2	18.5	17.7	16.6	14.2
	MAXIMUM	57.5	36.5	35.2	28.8	35.8	33.2	29.4	36.4	66.7	59.5	35.8	33.0	66.7
	DAY-HR	03-07	01-04	14-18	17-16	13-00	30-23	01-00	29-13	15-07	16-11	03-07	25-22	SEP
	# OBS	1484	1319	1438	1440	1390	1427	306	1352	713	741	695	739	13044
2000	MEAN	16.3	14.9	15.1	14.9	13.0	11.9	11.7	11.2	13.7	18.3	15.4	18.0	14.5
	MAXIMUM	39.5	31.5	31.5	33.4	23.7	24.3	32.9	32.7	42.2	41.0	31.9	39.3	42.2
	DAY-HR	24-22	09-22	20-05	09-10	30-03	30-19	26-15	12-19	30-23	04-07	21-15	29-04	SEP
	# OBS	737	689	739	711	734	719	741	740	718	737	718	742	8725
2001	MEAN	16.5	12.2	16.9	14.4	14.4	9.5	12.2	9.2	12.7	17.5	16.5	15.4	14.0
	MAXIMUM	39.7	25.1	39.7	31.1	32.3	40.4	36.2	32.3	45.7	35.2	36.4	33.2	45.7
	DAY-HR	23-20	24-23	19-17	18-07	08-02	01-20	08-23	01-20	25-02	08-16	15-01	29-12	SEP
	# OBS	674	584	741	717	741	716	743	742	712	743	716	739	8568
POR	MEAN	16.1	16.3	16.1	14.7	12.3	11.3	10.6	10.3	12.1	15.4	16.2	15.5	13.9
	MAXIMUM	57.5	46.7	61.2	41.0	48.4	50.3	37.1	52.3	66.7	59.5	44.3	52.1	66.7
	YEAR	1999	1998	1993	1993	1989	1989	1989	1995	1999	1999	1994	1997	SEP/1999
	# OBS	17553	14633	17008	16094	16745	15402	15752	17826	17405	16878	16070	17702	199068

STATION: 41009 -- POR (8/1988 - 12/2001)

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

ELEMENT: SIGNIFICANT WAVE HEIGHT (METERS)

YEAR	ELEMENT	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1988	MEAN	-	-	-	-	-	-	-	1.0	1.0	1.5	1.3	1.3	1.2
	MAXIMUM	-	-	-	-	-	-	-	2.1	2.2	3.3	4.3	3.8	4.3
	DAY-HR	-	-	-	-	-	-	-	28-18	13-06	08-20	23-13	13-07	NOV
	# OBS	-	-	-	-	-	-	-	1064	1421	1469	1412	1451	6817
1989	MEAN	1.4	1.2	1.4	1.1	0.8	0.6	0.7	0.8	1.4	1.6	1.1	1.4	1.1
	MAXIMUM	5.9	2.7	5.6	2.6	1.8	1.2	1.4	3.0	4.8	5.4	2.1	4.9	5.9
	DAY-HR	22-10	24-09	10-09	01-13	02-01	16-12	24-23	20-18	21-17	28-06	17-08	25-18	JAN
	# OBS	1453	1306	1446	1415	1429	1392	1461	1449	1392	1457	1150	934	16284
1990	MEAN	1.2	1.5	1.4	1.3	0.9	0.7	0.8	0.6	1.0	1.7	1.4	1.2	1.1
	MAXIMUM	3.0	4.1	4.6	3.3	1.6	1.9	2.1	1.3	2.5	4.3	3.1	3.2	4.6
	DAY-HR	26-16	21-15	08-09	19-23	13-06	14-05	29-04	01-07	19-03	10-08	05-09	01-01	MAR
	# OBS	1452	1332	1465	1347	1467	1427	1481	1481	1434	1472	1305	1202	16865
1991	MEAN	1.3	1.6	1.3	1.2	0.9	1.1	0.6	0.7	1.2	1.8	1.5	1.3	1.2
	MAXIMUM	2.8	4.5	4.3	4.0	2.6	1.5	1.2	1.7	3.6	5.6	4.6	3.7	5.6

	DAY-HR	11-09	02-14	18-06	04-21	22-21	26-20	31-21	17-17	30-09	31-18	01-00	20-09	OCT
	# OBS	1484	1343	1483	1431	1050	248	1484	1473	1435	1484	1435	1482	15832
1992	MEAN	1.4	1.4	1.2	1.4	1.1	0.7	0.6	0.7	1.1	1.7	2.0	1.5	1.2
	MAXIMUM	4.0	3.1	3.0	4.9	2.6	2.1	1.1	3.2	3.3	4.0	4.6	3.7	4.9
	DAY-HR	02-17	11-08	26-03	14-11	23-01	25-22	25-00	24-08	30-23	07-04	20-15	15-12	APR
	# OBS	1477	1376	1472	1439	1484	1436	1479	1474	1412	1477	1411	1482	17419
1993	MEAN	1.8	1.3	1.3	1.2	1.0	0.7	0.5	0.7	0.8	1.2	1.6	1.3	1.1
	MAXIMUM	6.1	3.2	4.9	2.7	1.8	1.7	1.0	2.1	1.7	3.7	4.2	3.7	6.1
	DAY-HR	27-11	03-01	19-05	29-05	28-11	17-22	31-02	30-12	02-03	06-21	23-17	02-04	JAN
	# OBS	1462	1033	681	666	1475	1433	1044	723	697	723	676	698	11311
1994	MEAN	1.5	1.4	1.2	1.1	1.0	0.6	0.6	0.8	0.7	1.5	1.8	1.8	1.2
	MAXIMUM	3.3	6.0	3.0	2.5	2.7	1.1	1.3	1.8	2.7	4.1	5.8	5.2	6.0
	DAY-HR	11-03	19-05	02-12	09-14	21-20	25-03	03-03	12-20	13-13	17-11	15-02	22-13	FEB
	# OBS	713	606	684	668	713	711	722	730	443	701	1051	1487	9229
1995	MEAN	1.3	1.1	1.4	1.1	0.8	0.9	0.7	1.4	1.3	1.5	1.2	1.2	1.2
	MAXIMUM	4.3	2.2	3.1	2.3	1.9	2.0	2.5	7.8	4.8	3.2	2.5	2.6	7.8
	DAY-HR	14-08	22-01	10-05	07-08	24-09	21-10	31-23	02-07	09-08	18-06	12-12	10-14	AUG
	# OBS	1481	314	732	663	737	715	738	736	711	735	704	729	8995
1996	MEAN	1.4	1.1	1.5	0.9	0.9	0.9	0.8	0.7	1.1	1.6	1.8	1.4	1.2
	MAXIMUM	3.2	3.3	6.9	2.1	2.7	2.9	3.6	2.8	4.4	5.0	5.0	2.9	6.9
	DAY-HR	28-11	17-05	11-23	30-15	31-23	01-03	11-14	30-10	05-05	05-16	16-01	09-12	MAR
	# OBS	1468	1374	1438	1474	1476	1433	1673	1581	1431	1473	1388	1483	17692
1997	MEAN	1.1	1.3	1.2	1.4	0.9	0.9	0.6	0.7	1.1	1.3	1.2	1.2	1.1
	MAXIMUM	2.9	2.4	3.5	3.0	3.1	2.2	1.4	1.4	3.1	2.3	1.9	4.2	4.2
	DAY-HR	15-17	18-16	25-15	12-11	29-03	10-07	11-04	29-13	05-10	13-06	25-12	16-18	DEC
	# OBS	1471	1313	1480	1412	1476	1431	1317	1428	1431	1462	1402	1424	17047
1998	MEAN	1.5	1.8	1.5	1.3	0.8	0.6	0.7	1.1	1.1	1.3	1.1	1.3	1.2
	MAXIMUM	3.2	5.0	3.4	3.2	2.5	1.3	1.4	4.0	2.7	2.9	4.1	3.3	5.0
	DAY-HR	01-08	03-10	19-04	11-19	15-00	08-06	15-06	25-16	25-22	24-12	05-23	15-18	FEB
	# OBS	1366	1325	1427	1380	1466	1331	1446	1523	1386	1472	1434	1471	17027
1999	MEAN	1.5	1.4	1.1	1.0	1.1	1.0	0.6	0.9	1.8	1.8	1.9	1.4	1.2
	MAXIMUM	4.4	4.9	3.4	2.6	3.5	2.4	1.8	4.9	9.8	7.1	3.5	3.3	9.8
	DAY-HR	31-21	01-03	14-20	01-08	02-01	07-17	01-01	29-11	15-07	16-12	30-21	03-04	SEP
	# OBS	1483	1319	1437	1440	1386	1423	1453	1475	712	740	695	738	14301
2000	MEAN	1.5	1.3	1.4	1.2	0.8	0.9	0.8	0.9	1.3	2.0	1.2	1.6	1.2
	MAXIMUM	4.1	2.8	4.1	3.2	1.7	1.6	2.0	1.9	3.4	3.8	2.7	3.8	4.1
	DAY-HR	15-02	10-11	19-05	09-13	22-06	11-10	17-05	23-08	30-11	24-13	25-07	29-19	MAR
	# OBS	737	688	738	711	734	719	741	740	699	734	694	737	8672
2001	MEAN	1.5	1.2	1.4	1.2	1.3	0.6	0.9	0.8	1.3	1.7	2.1	1.4	1.3
	MAXIMUM	4.1	2.4	5.1	3.0	4.0	1.6	2.2	1.9	4.2	4.0	5.4	2.6	5.4
	DAY-HR	24-00	24-14	20-07	30-16	08-06	28-02	24-02	02-21	16-03	09-16	06-10	05-10	NOV
	# OBS	673	584	739	715	742	716	741	739	710	743	716	733	8551
POR	MEAN	1.4	1.4	1.3	1.2	0.9	0.8	0.7	0.8	1.1	1.6	1.5	1.4	1.2
	MAXIMUM	6.1	6.0	6.9	4.9	4.0	2.9	3.6	7.8	9.8	7.1	5.8	5.2	9.8
	YEAR	1993	1994	1996	1992	2001	1996	1996	1995	1999	1999	1994	1994	SEP/1999
	# OBS	16720	13913	15222	14761	15635	14415	15780	16616	15314	16142	15473	16051	186042

STATION: 41009

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

Month: JAN

WIND SPEED	WIND DIRECTION														TOT %	TOT N
	CALM	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34			
0	0.1	*	*	*	*	*	*	*	*	*	*	*	*	0.2	43	
1 - 3		0.4	0.4	0.3	0.4	0.3	0.4	0.3	0.4	0.4	0.4	0.4	0.4	4.4	781	
4 - 6		1.0	0.8	0.9	0.8	0.8	0.8	1.0	0.9	0.9	0.8	0.9	0.9	10.4	1822	
7 - 10		2.1	0.9	1.9	3.2	2.2	2.8	2.1	1.6	1.4	1.1	2.0	2.6	24.0	4216	
11 - 15		2.3	1.1	2.3	2.5	2.1	3.2	3.1	2.2	1.3	1.3	2.8	3.6	27.8	4883	
16 - 20		1.5	0.9	1.5	2.1	1.7	2.3	2.1	1.5	0.9	1.3	2.7	3.1	21.6	3802	
21 - 24		1.0	0.2	0.4	0.6	0.6	0.6	0.7	0.4	0.3	1.0	1.3	1.4	8.4	1470	
25 - 33		0.1	*	0.2	0.2	*	0.3	0.2	0.1	0.1	0.4	0.8	0.6	3.1	543	
34 - 47		-	-	*	*	-	-	-	*	*	*	*	*	0.1	17	
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0	
TOTAL %	0.1	8.4	4.4	7.5	9.8	7.8	10.3	9.4	7.1	5.3	6.4	10.9	12.6	100.0		
TOTAL N	10	1485	774	1323	1715	1364	1808	1660	1241	934	1128	1912	2223		17577	

(* < 0.05%)

STATION: 41009

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	*	-	-	-	*	*	-	*	*	*	-	-	0.1	16
1 - 3		0.3	0.3	0.4	0.4	0.3	0.3	0.3	0.4	0.4	0.5	0.6	0.5	4.8	706
4 - 6		0.9	0.6	0.7	1.1	0.9	0.8	0.9	0.7	0.7	0.7	0.8	1.0	9.9	1449
7 - 10		1.9	0.9	0.9	1.6	1.4	2.6	2.7	1.9	1.6	1.4	1.7	2.2	20.7	3035
11 - 15		2.6	0.8	1.9	2.6	2.9	4.4	3.6	2.2	1.6	2.0	2.5	3.4	30.7	4491
16 - 20		2.0	0.8	2.3	2.0	1.2	2.0	2.1	1.3	1.1	1.6	2.6	3.6	22.6	3305
21 - 24		0.7	0.2	0.7	0.4	0.3	0.5	0.5	0.6	0.4	0.7	1.3	1.3	7.6	1112
25 - 33		0.2	-	0.4	0.3	0.3	0.1	0.2	0.1	*	0.7	0.7	0.4	3.6	522
34 - 47		-	-	-	-	*	-	-	-	-	*	*	-	0.0	7
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.0	8.7	3.7	7.4	8.4	7.4	10.8	10.3	7.2	5.9	7.7	10.0	12.4	100.0	
TOTAL N	3	1281	541	1086	1236	1086	1575	1509	1054	858	1134	1470	1810		14643

(* < 0.05%)

STATION: 41009

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	*	-	*	*	-	*	*	-	-	-	*	*	0.1	19
1 - 3		0.4	0.4	0.4	0.4	0.4	0.3	0.2	0.4	0.3	0.2	0.4	0.3	4.2	713
4 - 6		0.8	0.9	1.0	1.1	0.9	1.0	0.8	0.7	0.6	0.9	0.9	1.0	10.5	1787
7 - 10		1.8	1.0	1.5	2.0	2.2	2.5	2.3	1.8	1.2	1.5	1.8	2.2	22.0	3745
11 - 15		1.7	1.2	1.6	3.3	3.3	5.2	3.2	2.2	1.6	1.7	1.8	3.0	29.8	5065
16 - 20		1.7	0.8	1.6	2.6	1.9	3.2	2.2	1.1	1.2	2.1	1.9	2.2	22.6	3848
21 - 24		0.3	0.1	0.5	0.7	1.0	0.7	0.5	0.2	0.3	0.8	0.6	1.2	6.9	1166
25 - 33		0.2	0.2	0.3	0.1	0.3	0.4	0.2	*	0.2	0.6	0.4	0.6	3.6	607
34 - 47		*	*	*	*	-	*	*	*	0.1	0.1	*	-	0.4	67
> 48		-	-	-	-	-	-	-	*	-	-	-	-	0.0	1
TOTAL %	0.0	7.0	4.6	6.9	10.2	9.9	13.3	9.6	6.4	5.5	8.0	8.0	10.5	100.0	
TOTAL N	3	1190	788	1177	1736	1685	2255	1641	1090	940	1359	1364	1790		17018

(* < 0.05%)

STATION: 41009

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

Month: APR

WIND SPEED	CALM	WIND DIRECTION												TOT %	TOT N
		35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
0	0.1	*	*	*	*	*	*	*	-	*	*	*	*	0.2	37
1 - 3		0.4	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.3	0.5	0.3	0.3	4.2	679
4 - 6		0.7	0.7	1.0	0.9	1.0	0.9	0.9	0.7	1.0	0.6	0.7	0.9	10.1	1633
7 - 10		1.5	1.1	2.0	2.6	3.4	4.0	3.2	2.3	1.6	1.1	1.4	1.6	25.7	4143
11 - 15		2.5	1.6	2.8	3.6	4.9	6.8	4.2	2.2	1.2	1.2	1.8	2.4	35.2	5664
16 - 20		2.2	0.6	1.4	1.6	2.2	2.9	1.7	0.7	0.8	1.4	1.7	2.5	19.7	3179
21 - 24		0.6	0.2	0.3	0.3	0.2	0.3	0.4	0.1	0.1	0.4	0.4	0.7	4.0	647
25 - 33		0.1	*	*	*	*	0.1	0.1	*	*	0.1	*	0.3	0.8	130
34 - 47		-	-	-	-	-	-	-	*	-	-	-	-	0.0	1
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.1	8.0	4.5	7.7	9.4	12.2	15.4	10.9	6.4	5.1	5.3	6.4	8.7	100.0	
TOTAL N	13	1284	731	1248	1512	1959	2485	1758	1034	815	848	1032	1394		16113

(* < 0.05%)

STATION: 41009

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

Month: MAY

WIND SPEED	CALM	WIND DIRECTION												TOT %	TOT N
		35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
0	0.1	*	*	*	*	*	*	*	*	*	*	*	*	0.2	41
1 - 3		0.5	0.5	0.4	0.5	0.8	0.6	0.5	0.5	0.5	0.6	0.3	0.5	6.1	1028
4 - 6		1.0	0.9	1.2	1.9	2.0	1.9	1.7	1.3	0.7	0.9	0.8	1.0	15.3	2566
7 - 10		1.6	1.7	2.2	4.0	5.1	4.7	3.8	2.9	1.9	1.7	1.5	1.4	32.5	5454
11 - 15		1.3	1.4	3.3	5.4	6.4	5.0	3.2	2.2	1.8	1.8	1.4	1.1	34.1	5715
16 - 20		0.9	0.4	1.0	1.8	2.0	1.2	1.1	0.6	0.4	0.4	0.3	0.5	10.7	1796
21 - 24		0.1	0.1	0.2	0.1	*	*	*	*	*	*	*	0.2	0.9	148
25 - 33		*	*	*	-	*	-	*	*	*	*	*	*	0.1	21
34 - 47		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.1	5.5	5.0	8.3	13.8	16.3	13.5	10.3	7.5	5.4	5.3	4.3	4.8	100.0	
TOTAL N	15	915	846	1393	2309	2733	2263	1732	1257	900	882	724	800		16769

(* < 0.05%)

STATION: 41009

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

Month: JUN

WIND SPEED	CALM	WIND DIRECTION												TOT %	TOT N	
		35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34			
0	0.1	*	*	*	*	*	*	*	*	*	*	*	*	*	0.4	60
1 - 3		0.8	0.6	0.5	0.8	0.8	0.7	1.0	1.0	0.9	0.7	0.6	0.7	9.2	1421	
4 - 6		0.9	0.9	1.2	1.6	1.8	2.3	2.6	2.4	1.5	1.5	1.1	1.0	18.9	2913	
7 - 10		0.9	0.7	1.3	2.5	4.7	6.3	5.6	4.8	3.2	1.9	1.2	0.8	33.9	5233	
11 - 15		0.4	0.7	1.7	2.7	3.4	5.3	5.0	4.2	3.0	1.5	0.7	0.6	29.2	4508	
16 - 20		0.1	*	0.9	1.4	0.7	0.8	1.3	1.0	0.4	0.3	0.1	0.2	7.2	1115	
21 - 24		0.1	*	0.1	0.1	*	0.1	0.3	0.1	0.1	*	*	0.1	1.0	160	
25 - 33		-	-	-	*	-	*	*	*	-	*	*	-	0.1	10	
34 - 47		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0	
> 48		*	-	-	-	-	-	-	-	-	-	-	-	0.0	1	
TOTAL %	0.1	3.3	3.0	5.7	9.2	11.3	15.6	15.9	13.5	9.2	6.0	3.8	3.4	100.0		
TOTAL N	15	507	469	876	1425	1746	2404	2451	2083	1416	924	584	521		15421	

(* < 0.05%)

STATION: 41009

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

Month: JUL

WIND SPEED	CALM	WIND DIRECTION												TOT %	TOT N
		35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
0	0.1	*	*	0.1	*	0.1	*	0.1	*	*	*	*	*	0.5	86
1 - 3		0.4	0.5	0.6	0.8	0.9	0.9	1.2	1.1	1.0	0.8	0.6	0.6	9.4	1483
4 - 6		0.6	0.6	1.0	1.3	2.4	3.0	2.7	3.0	2.2	1.5	1.2	0.8	20.4	3221
7 - 10		0.5	0.5	0.9	2.8	5.7	7.9	6.5	6.2	4.4	2.1	1.0	0.6	39.1	6166
11 - 15		0.3	0.2	0.4	1.3	3.0	5.5	5.1	4.4	3.0	1.1	0.4	0.3	25.1	3957
16 - 20		0.1	*	0.2	0.2	0.2	0.7	0.9	1.0	1.0	0.3	0.1	0.2	4.9	766
21 - 24		-	-	*	-	-	*	0.1	0.1	0.1	*	0.1	*	0.5	78
25 - 33		-	-	-	-	*	*	*	*	*	*	*	-	0.1	23
34 - 47		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48		-	-	-	-	*	-	-	-	-	-	-	-	0.0	1
TOTAL %	0.1	2.0	1.8	3.2	6.4	12.3	18.1	16.6	15.8	11.7	5.8	3.6	2.5	100.0	
TOTAL N	19	313	284	512	1011	1946	2853	2620	2500	1845	915	566	397		15781

(* < 0.05%)

STATION: 41009

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

Month: AUG

WIND SPEED	CALM	WIND DIRECTION												TOT %	TOT N
		35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
0	0.5	0.1	0.1	*	0.1	0.1	0.1	*	*	*	0.1	*	0.1	1.1	194
1 - 3		0.7	0.9	1.0	1.3	1.2	1.3	1.2	1.2	1.0	1.0	0.8	0.9	12.6	2254
4 - 6		1.1	1.0	1.7	2.2	3.0	2.8	2.5	2.3	2.2	1.9	1.2	1.1	23.0	4108
7 - 10		1.0	1.4	2.1	3.6	5.7	5.8	5.1	4.8	3.5	2.0	1.2	0.9	37.1	6625
11 - 15		0.4	0.8	1.5	2.5	2.1	3.5	3.3	2.7	1.7	0.7	0.4	0.4	20.1	3583
16 - 20		0.1	0.1	0.8	0.9	0.5	0.5	0.8	0.3	0.3	0.2	0.1	0.2	4.7	845
21 - 24		0.1	*	0.1	0.1	0.1	0.1	0.2	*	*	0.1	*	*	0.7	132
25 - 33		*	-	0.1	*	0.1	0.2	0.1	*	*	*	*	-	0.5	93
34 - 47		-	-	*	*	*	*	-	-	-	-	-	-	0.1	12
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.5	3.5	4.2	7.2	10.7	12.8	14.3	13.1	11.3	8.9	6.0	3.8	3.6	100.0	
TOTAL N	90	617	753	1292	1913	2281	2549	2341	2019	1590	1066	687	648		17846

(* < 0.05%)

STATION: 41009

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

Month: SEP

WIND SPEED	CALM	WIND DIRECTION												TOT %	TOT N
		35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
0	0.1	*	0.1	*	0.1	*	*	*	0.1	*	*	*	*	0.6	105
1 - 3		0.7	0.7	0.8	0.9	0.9	0.7	0.6	0.7	0.5	0.4	0.4	0.4	7.8	1362
4 - 6		0.9	1.6	1.8	2.6	2.3	1.6	1.4	1.0	0.8	0.8	0.8	0.8	16.4	2854
7 - 10		1.7	2.3	4.7	6.4	6.2	4.6	3.0	2.3	1.6	1.3	0.7	1.0	35.8	6242
11 - 15		1.4	1.4	4.8	4.7	5.0	4.1	2.9	1.7	1.0	0.7	0.4	0.5	28.7	4995
16 - 20		0.6	0.9	1.5	1.5	1.0	0.6	0.9	0.5	0.2	0.2	0.2	0.4	8.5	1488
21 - 24		0.1	0.2	0.4	0.2	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.3	1.6	287
25 - 33		*	0.1	*	*	*	*	*	0.1	*	*	-	0.1	0.4	76
34 - 47		-	*	-	-	*	-	-	-	-	*	*	-	0.1	14
> 48		*	-	-	-	-	-	-	-	-	-	*	*	0.1	9

TOTAL %	0.1	5.5	7.2	14.0	16.5	15.5	11.7	9.0	6.5	4.4	3.6	2.6	3.4	100.0	
TOTAL N	25	959	1259	2445	2869	2707	2038	1571	1125	762	623	455	594		17432

(* < 0.05%)

STATION: 41009

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

Month: OCT

WIND SPEED	CALM	WIND DIRECTION												TOT %	TOT N
		35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
0	0.1	*	*	*	*	*	-	*	-	*	*	*	*	0.2	35
1 - 3		0.6	0.4	0.5	0.4	0.5	0.4	0.4	0.3	0.2	0.4	0.5	0.6	5.2	871
4 - 6		1.0	1.3	1.5	1.2	1.0	1.0	0.9	0.5	0.3	0.5	0.9	1.2	11.3	1902
7 - 10		2.3	2.5	3.6	3.4	2.4	1.8	1.2	1.0	1.0	1.1	2.1	2.0	24.4	4115
11 - 15		2.7	3.3	6.2	6.1	2.3	1.4	1.2	1.3	0.6	0.8	1.6	2.1	29.5	4990
16 - 20		1.5	2.9	6.4	4.9	0.9	0.7	0.7	0.4	0.2	0.5	0.8	1.3	21.4	3615
21 - 24		0.6	1.1	1.7	0.8	0.5	0.3	0.3	0.2	0.1	*	0.3	0.3	6.2	1055
25 - 33		0.3	0.3	0.3	0.2	0.1	0.1	0.1	0.1	0.1	*	0.1	*	1.7	292
34 - 47		-	*	*	-	-	-	-	-	*	*	*	-	0.1	15
> 48		-	-	-	-	-	-	-	-	*	-	-	-	0.0	1
TOTAL %	0.1	8.9	11.9	20.2	17.1	7.7	5.7	4.8	3.8	2.6	3.3	6.3	7.5	100.0	
TOTAL N	14	1505	2014	3412	2888	1308	970	815	640	444	561	1056	1264		16891

(* < 0.05%)

STATION: 41009

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	0.1	*	*	*	*	*	*	*	*	*	*	*	*	0.3	42
1 - 3		0.4	0.3	0.4	0.4	0.3	0.1	0.2	0.2	0.3	0.3	0.3	0.4	3.7	590
4 - 6		0.9	0.9	0.7	1.0	0.7	0.6	0.7	0.6	0.4	0.5	0.6	0.8	8.4	1352
7 - 10		2.9	2.1	2.4	3.0	2.2	1.9	1.7	1.2	0.9	1.2	1.3	2.2	23.0	3715
11 - 15		4.5	2.1	3.3	4.6	4.3	3.0	2.0	1.4	1.1	1.4	1.9	3.8	33.2	5354
16 - 20		2.2	1.2	3.6	2.6	1.9	2.4	1.6	1.5	0.3	0.7	1.4	2.8	22.2	3571
21 - 24		0.6	0.6	1.5	1.0	0.4	0.2	0.1	0.3	0.1	0.1	0.3	0.9	6.1	986
25 - 33		0.2	0.3	1.1	0.7	0.1	0.1	*	*	-	*	0.1	0.6	3.2	508
34 - 47		-	-	*	-	-	-	-	-	-	-	-	-	0.0	3
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.1	11.6	7.7	12.9	13.3	9.9	8.3	6.2	5.1	3.1	4.3	6.0	11.5	100.0	
TOTAL N	13	1878	1237	2074	2146	1598	1344	1005	829	498	689	963	1847		16121

(* < 0.05%)

STATION: 41009

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	0.1	*	*	*	*	*	*	*	*	*	*	*	*	0.3	47
1 - 3		0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.5	0.6	0.6	0.5	5.3	933
4 - 6		1.2	0.9	0.8	0.8	0.9	0.8	0.8	0.6	0.6	1.0	1.1	1.4	11.1	1970
7 - 10		2.7	1.6	1.7	2.3	2.3	2.7	1.7	1.4	1.2	1.5	2.1	3.1	24.3	4312
11 - 15		3.2	1.9	2.6	3.1	3.1	2.7	2.5	1.5	1.1	1.3	2.9	4.3	30.3	5379
16 - 20		2.3	0.7	1.8	2.1	0.9	1.1	0.9	0.7	0.6	1.4	3.3	3.9	19.7	3506
21 - 24		0.6	0.2	0.5	0.2	0.1	0.1	0.3	0.3	0.2	1.1	1.7	1.2	6.6	1178
25 - 33		0.1	0.1	*	*	*	0.1	0.1	*	*	0.2	1.2	0.5	2.5	436
34 - 47		-	-	-	-	-	-	-	-	*	-	*	*	0.0	5
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.1	10.7	5.7	7.9	8.9	7.6	7.9	6.8	5.1	4.3	7.1	13.0	14.9	100.0	
TOTAL N	17	1903	1020	1412	1584	1344	1402	1206	900	771	1255	2304	2648		17766

(* < 0.05%)

STATION: 41009

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	0.1	*	*	*	*	*	*	*	*	*	*	*	*	0.4	725
1 - 3		0.5	0.5	0.5	0.6	0.6	0.5	0.6	0.6	0.5	0.5	0.5	0.5	6.4	12821
4 - 6		0.9	0.9	1.1	1.4	1.5	1.5	1.4	1.2	1.0	1.0	0.9	1.0	13.8	27577
7 - 10		1.8	1.4	2.1	3.2	3.6	3.9	3.2	2.7	2.0	1.5	1.5	1.7	28.6	57001
11 - 15		1.9	1.4	2.7	3.6	3.6	4.1	3.3	2.3	1.6	1.3	1.6	2.1	29.4	58584
16 - 20		1.3	0.8	1.9	2.0	1.3	1.5	1.3	0.9	0.6	0.8	1.3	1.7	15.5	30836

21 - 24	0.4	0.3	0.5	0.4	0.3	0.3	0.3	0.2	0.2	0.4	0.5	0.6	4.2	8419
25 - 33	0.1	0.1	0.2	0.1	0.1	0.1	0.1	*	*	0.2	0.3	0.3	1.6	3261
34 - 47	*	*	*	*	*	*	*	*	*	*	*	*	0.1	141
> 48	*	-	-	-	*	-	-	*	*	-	*	*	0.0	13
TOTAL %	0.1	6.9	5.4	9.2	11.2	10.9	12.0	10.2	7.9	5.9	5.7	6.6	8.0	100.0
TOTAL N	237	13837	10716	18250	22344	21757	23946	20309	15772	11773	11384	13117	15936	199378

(* < 0.05%)

STATION: 41009

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

Months: DEC, JAN, FEB (Winter)

		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	106
1 - 3		0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.4	0.4	0.5	0.5	0.5	4.8	2420
4 - 6		1.1	0.8	0.8	0.9	0.9	0.8	0.9	0.7	0.7	0.9	0.9	1.1	10.5	5241
7 - 10		2.3	1.2	1.5	2.4	2.0	2.7	2.1	1.6	1.4	1.3	1.9	2.6	23.1	11563
11 - 15		2.7	1.3	2.3	2.7	2.7	3.4	3.1	2.0	1.3	1.5	2.7	3.8	29.5	14753
16 - 20		2.0	0.8	1.9	2.1	1.3	1.8	1.7	1.2	0.8	1.4	2.9	3.5	21.2	10613
21 - 24		0.8	0.2	0.5	0.4	0.3	0.4	0.5	0.4	0.3	0.9	1.4	1.3	7.5	3760
25 - 33		0.1	*	0.2	0.2	0.1	0.2	0.2	0.1	0.1	0.4	0.9	0.5	3.0	1501
34 - 47		-	-	*	*	*	-	-	*	*	*	*	*	0.1	29
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.1	9.3	4.7	7.6	9.1	7.6	9.6	8.8	6.4	5.1	7.0	11.4	13.4	100.0	
TOTAL N	30	4669	2335	3821	4535	3794	4785	4375	3195	2563	3517	5686	6681	49986	

(* < 0.05%)

STATION: 41009

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

Months: MAR, APR, MAY (Spring)

		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	97
1 - 3		0.4	0.4	0.4	0.4	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.4	4.8	2420
4 - 6		0.9	0.8	1.1	1.3	1.3	1.3	1.1	0.9	0.8	0.8	0.8	0.9	12.0	5986
7 - 10		1.7	1.3	1.9	2.9	3.6	3.7	3.1	2.3	1.6	1.4	1.6	1.7	26.7	13342
11 - 15		1.8	1.4	2.5	4.1	4.8	5.6	3.6	2.2	1.6	1.5	1.7	2.2	33.0	16444
16 - 20		1.6	0.6	1.3	2.0	2.0	2.4	1.7	0.8	0.8	1.3	1.3	1.7	17.7	8823
21 - 24		0.3	0.1	0.3	0.4	0.4	0.4	0.3	0.1	0.2	0.4	0.3	0.7	3.9	1961
25 - 33		0.1	0.1	0.1	0.1	0.1	0.2	0.1	*	0.1	0.2	0.2	0.3	1.5	758
34 - 47		*	*	*	*	-	*	*	*	*	*	*	-	0.1	68
> 48		-	-	-	-	-	-	-	*	-	-	-	-	0.0	1
TOTAL %	0.1	6.8	4.7	7.7	11.1	12.8	14.0	10.3	6.8	5.3	6.2	6.3	8.0	100.0	
TOTAL N	31	3389	2365	3818	5557	6377	7003	5131	3381	2655	3089	3120	3984	49900	

(* < 0.05%)

STATION: 41009

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

Months: JUN, JUL, AUG (Summer)

		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	0.3	*	*	*	*	*	*	*	*	*	*	*	*	0.7	340
1 - 3		0.6	0.7	0.7	1.0	1.0	1.0	1.1	1.1	1.0	0.9	0.7	0.7	10.5	5158
4 - 6		0.9	0.8	1.3	1.7	2.4	2.7	2.6	2.6	2.0	1.7	1.2	1.0	20.9	10242
7 - 10		0.8	0.9	1.5	3.0	5.4	6.6	5.7	5.2	3.7	2.0	1.1	0.8	36.7	18024
11 - 15		0.4	0.6	1.2	2.2	2.8	4.7	4.4	3.7	2.5	1.1	0.5	0.4	24.6	12048
16 - 20		0.1	0.1	0.6	0.8	0.5	0.7	1.0	0.7	0.6	0.2	0.1	0.2	5.6	2726
21 - 24		0.1	*	0.1	0.1	*	0.1	0.2	0.1	0.1	*	0.1	0.1	0.8	370
25 - 33		*	-	*	*	*	0.1	*	*	*	*	*	-	0.3	126
34 - 47		-	-	*	*	*	*	-	-	-	-	-	-	0.0	12
> 48		*	-	-	-	*	-	-	-	-	-	-	-	0.0	2
TOTAL %	0.3	2.9	3.1	5.5	8.9	12.2	15.9	15.1	13.5	9.9	5.9	3.7	3.2	100.0	
TOTAL N	124	1437	1506	2680	4349	5973	7806	7412	6602	4851	2905	1837	1566	49048	

(* < 0.05%)

STATION: 41009

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

Months: SEP, OCT, NOV (Autumn)

		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	*	*	*	*	*	*	*	*	*	*	*	*	0.4	182
1 - 3		0.6	0.5	0.5	0.6	0.6	0.4	0.4	0.4	0.4	0.4	0.4	0.5	5.6	2823
4 - 6		0.9	1.3	1.3	1.6	1.3	1.1	1.0	0.7	0.5	0.6	0.7	0.9	12.1	6108
7 - 10		2.3	2.3	3.6	4.3	3.7	2.8	2.0	1.5	1.2	1.2	1.3	1.7	27.9	14072
11 - 15		2.8	2.3	4.8	5.1	3.9	2.8	2.0	1.5	0.9	1.0	1.3	2.1	30.4	15339

16 - 20	1.4	1.7	3.8	3.0	1.3	1.2	1.1	0.8	0.2	0.4	0.8	1.5	17.2	8674
21 - 24	0.4	0.7	1.1	0.6	0.3	0.2	0.2	0.2	0.1	0.1	0.2	0.5	4.6	2328
25 - 33	0.2	0.2	0.5	0.3	0.1	0.1	*	*	*	*	0.1	0.2	1.7	876
34 - 47	-	*	*	-	*	-	-	-	*	*	*	*	0.1	32
> 48	*	-	-	-	-	-	-	-	*	-	*	*	0.0	10
TOTAL %	0.1	8.6	8.9	15.7	15.7	11.1	8.6	6.7	5.1	3.4	3.7	4.9	7.3	100.0
TOTAL N	52	4342	4510	7931	7903	5613	4352	3391	2594	1704	1873	2474	3705	50444

(* < 0.05%)

STATION: 41009

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

Month: JAN

		WAVE HEIGHT														TOT %	TOT N	
WIND SPEED		0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4		
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	42
1 - 3		0.1	3.8	0.6	-	-	-	-	-	-	-	-	-	-	-	-	4.5	757
4 - 6		0.3	8.5	1.7	*	-	-	-	-	-	-	-	-	-	-	-	10.5	1759
7 - 10		0.3	20.3	3.7	0.1	-	-	-	-	-	-	-	-	-	-	-	24.4	4085
11 - 15		0.1	18.7	8.9	0.4	*	*	-	-	-	-	-	-	-	-	-	28.2	4713
16 - 20		*	7.5	11.7	1.7	0.2	-	-	-	-	-	-	-	-	-	-	21.2	3540
21 - 24		-	1.2	4.8	1.3	0.5	*	*	-	-	-	-	-	-	-	-	7.8	1310
25 - 33		-	0.3	1.2	0.6	0.7	0.3	0.1	-	-	-	-	-	-	-	-	2.9	493
34 - 47		-	-	*	*	*	*	*	-	-	-	-	-	-	-	-	0.1	16
> 48		-	*	*	-	-	-	-	-	-	-	-	-	-	-	-	0.0	5
TOTAL %		0.8	60.6	32.6	4.2	1.4	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N		137	10140	5450	702	228	48	15	0	0	0	0	0	0	0	0		16720

(* < 0.05%)

STATION: 41009

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

Month: FEB

		WAVE HEIGHT														TOT %	TOT N	
WIND SPEED		0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4		
0		*	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	0.1	15
1 - 3		0.1	3.9	0.6	*	-	-	-	-	-	-	-	-	-	-	-	4.7	647
4 - 6		0.1	8.0	1.3	*	-	-	-	-	-	-	-	-	-	-	-	9.4	1305
7 - 10		0.4	15.3	3.5	0.2	-	-	-	-	-	-	-	-	-	-	-	19.5	2708
11 - 15		0.2	18.7	8.4	0.6	*	*	-	-	-	-	-	-	-	-	-	27.9	3886
16 - 20		*	7.7	10.1	1.7	0.2	*	-	-	-	-	-	-	-	-	-	19.8	2753
21 - 24		-	1.3	3.5	1.3	0.5	*	-	-	-	-	-	-	-	-	-	6.5	911
25 - 33		-	0.1	0.9	1.1	0.4	0.2	*	-	-	-	-	-	-	-	-	2.7	371
34 - 47		-	-	-	*	*	*	-	-	-	-	-	-	-	-	-	0.0	4
> 48		1.1	4.9	3.2	0.2	-	-	*	-	-	-	-	-	-	-	-	9.4	1313
TOTAL %		2.0	59.9	31.5	5.2	1.2	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N		284	8332	4378	717	160	36	6	0	0	0	0	0	0	0	0		13913

(* < 0.05%)

STATION: 41009

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

Month: MAR

		WAVE HEIGHT														TOT %	TOT N	
WIND SPEED		0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4		
0		-	0.1	*	-	-	-	-	-	-	-	-	-	-	-	-	0.1	14
1 - 3		0.3	3.3	0.4	*	-	-	-	-	-	-	-	-	-	-	-	4.1	620
4 - 6		0.9	8.4	1.0	0.1	*	-	-	-	-	-	-	-	-	-	-	10.3	1572
7 - 10		1.1	17.7	2.7	0.1	*	-	-	-	-	-	-	-	-	-	-	21.7	3298
11 - 15		0.4	22.0	6.1	0.4	0.1	-	-	-	-	-	-	-	-	-	-	29.0	4419
16 - 20		0.1	10.0	9.6	1.5	0.3	*	-	-	-	-	-	-	-	-	-	21.4	3255
21 - 24		-	1.0	3.6	1.5	0.3	0.1	*	-	-	-	-	-	-	-	-	6.4	979
25 - 33		-	0.1	1.3	1.0	0.2	0.1	0.1	0.1	-	-	-	-	-	-	-	2.8	421
34 - 47		-	-	-	0.1	0.1	-	-	*	-	-	-	-	-	-	-	0.2	28
> 48		-	2.3	0.5	0.4	0.6	0.2	*	-	-	-	-	-	-	-	-	4.0	616
TOTAL %		2.8	64.9	25.2	5.1	1.5	0.5	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N		419	9881	3834	776	221	70	11	10	0	0	0	0	0	0	0		15222

(* < 0.05%)

STATION: 41009

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	0.3	37
1 - 3	*	0.2	*	-	-	-	-	-	-	-	-	-	-	-	-	4.2	613
4 - 6	0.4	3.4	0.3	*	-	-	-	-	-	-	-	-	-	-	-	9.9	1455
7 - 10	0.8	8.2	0.9	*	-	-	-	-	-	-	-	-	-	-	-	25.3	3733
11 - 15	1.5	20.7	2.9	0.1	-	-	-	-	-	-	-	-	-	-	-	34.2	5042
16 - 20	0.6	25.9	7.5	0.2	-	-	-	-	-	-	-	-	-	-	-	18.6	2743
21 - 24	*	9.2	8.0	1.1	0.2	0.1	-	-	-	-	-	-	-	-	-	3.7	544
25 - 33	-	1.1	2.0	0.5	*	*	-	-	-	-	-	-	-	-	-	0.7	110
34 - 47	-	0.1	0.3	0.3	-	-	-	-	-	-	-	-	-	-	-	0.0	1
> 48	-	*	-	-	-	-	-	-	-	-	-	-	-	-	-	3.3	483
TOTAL %	3.4	71.0	22.9	2.4	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	501	10486	3380	350	34	10	0	0	0	0	0	0	0	0	0		14761

(* < 0.05%)

STATION: 41009

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	0.2	38
1 - 3	0.1	0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	6.0	943
4 - 6	0.8	5.1	0.1	-	-	-	-	-	-	-	-	-	-	-	-	15.2	2371
7 - 10	2.5	12.3	0.4	*	-	-	-	-	-	-	-	-	-	-	-	31.7	4958
11 - 15	3.5	26.6	1.5	0.1	-	-	-	-	-	-	-	-	-	-	-	33.9	5295
16 - 20	1.0	28.9	3.7	0.3	-	-	-	-	-	-	-	-	-	-	-	10.6	1661
21 - 24	*	6.7	3.0	0.8	*	-	-	-	-	-	-	-	-	-	-	0.8	122
25 - 33	*	0.2	0.2	0.3	*	-	-	-	-	-	-	-	-	-	-	0.1	14
34 - 47	-	*	*	*	*	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.5	233
TOTAL %	7.9	81.5	9.1	1.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	1234	12736	1418	232	15	0	0	0	0	0	0	0	0	0	0		15635

(* < 0.05%)

STATION: 41009

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	>13.4	0.4	51
1 - 3	0.1	0.3	-	-	-	-	-	-	-	-	-	-	-	-	-	8.8	1268
4 - 6	2.2	6.5	*	-	-	-	-	-	-	-	-	-	-	-	-	18.2	2618
7 - 10	4.4	13.5	0.3	-	-	-	-	-	-	-	-	-	-	-	-	33.3	4804
11 - 15	5.6	27.1	0.6	-	-	-	-	-	-	-	-	-	-	-	-	28.1	4049
16 - 20	1.6	24.2	2.3	*	-	-	-	-	-	-	-	-	-	-	-	6.9	995
21 - 24	0.1	4.3	2.5	0.1	-	-	-	-	-	-	-	-	-	-	-	0.9	123
25 - 33	*	0.4	0.4	*	-	-	-	-	-	-	-	-	-	-	-	0.0	7
34 - 47	-	*	*	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	15.4	78.3	6.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	2216	11290	891	18	0	0	0	0	0	0	0	0	0	0	0		14415

(* < 0.05%)

STATION: 41009

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	>13.4	0.5	74
1 - 3	0.1	0.4	-	-	-	-	-	-	-	-	-	-	-	-	-	8.0	1266
4 - 6	2.3	5.6	0.1	-	-	-	-	-	-	-	-	-	-	-	-	17.8	2802
7 - 10	5.1	12.5	0.2	-	-	-	-	-	-	-	-	-	-	-	-	34.2	5399
11 - 15	7.0	26.9	0.3	-	-	-	-	-	-	-	-	-	-	-	-	22.2	3500
16 - 20	2.1	19.2	0.8	0.1	-	-	-	-	-	-	-	-	-	-	-	4.3	676
21 - 24	0.1	3.5	0.5	0.1	*	-	-	-	-	-	-	-	-	-	-	0.4	71
25 - 33	*	0.2	0.2	0.1	-	-	-	-	-	-	-	-	-	-	-	0.1	20
34 - 47	-	0.1	*	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	19.7	77.9	2.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	

TOTAL N 3102 12296 346 33 3 0 0 0 0 0 0 0 0 0 0 0 15780
 (* < 0.05%)

STATION: 41009

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	>13.4	TOT %	TOT N
1 - 3	0.1	0.9	*	*	-	-	-	-	-	-	-	-	-	-	-	1.1	186
4 - 6	2.6	9.5	0.4	0.1	*	-	-	-	-	-	-	-	-	-	-	12.6	2094
7 - 10	4.5	17.2	0.6	0.1	-	-	-	-	-	-	-	-	-	-	-	22.4	3717
11 - 15	4.8	30.0	1.1	0.1	*	-	-	-	-	-	-	-	-	-	-	36.0	5990
16 - 20	1.0	15.3	2.1	0.5	*	-	-	-	-	-	-	-	-	-	-	19.0	3164
21 - 24	0.1	2.3	1.3	0.4	0.1	-	-	-	-	-	-	-	-	-	-	4.1	685
25 - 33	*	0.1	0.2	0.1	0.1	*	-	-	-	-	-	-	-	-	-	0.6	93
34 - 47	*	*	0.1	0.1	0.1	*	*	*	-	-	-	-	-	-	-	0.4	60
> 48	-	-	-	-	*	*	-	*	*	-	-	-	-	-	-	0.0	7
TOTAL %	0.4	2.5	0.7	0.1	0.1	-	-	-	-	-	-	-	-	-	-	3.7	620
TOTAL %	13.5	78.0	6.4	1.6	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	2247	12953	1071	268	56	13	2	4	2	0	0	0	0	0	0		16616

STATION: 41009

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

Month: SEP

WIND SPEED	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4		
0	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	>13.4	TOT %	TOT N
1 - 3	*	0.5	0.1	*	-	-	-	-	-	-	-	-	-	-	-	0.6	90
4 - 6	0.5	6.0	0.8	0.1	-	-	-	-	-	-	-	-	-	-	-	7.4	1138
7 - 10	0.9	12.7	1.7	0.3	*	*	-	-	-	-	-	-	-	-	-	15.6	2384
11 - 15	1.9	28.3	4.0	0.5	*	*	-	-	-	-	-	-	-	-	-	34.7	5319
16 - 20	0.3	20.3	7.0	0.4	*	-	-	-	-	-	-	-	-	-	-	28.0	4290
21 - 24	*	3.2	4.0	1.1	0.2	*	-	-	-	-	-	-	-	-	-	8.5	1302
25 - 33	*	0.2	0.6	0.8	0.2	*	-	-	-	-	-	-	-	-	-	1.7	264
34 - 47	-	*	0.1	0.2	0.1	0.1	*	*	-	-	-	-	-	-	-	0.5	73
> 48	-	-	-	*	-	*	*	*	*	*	-	-	-	-	-	0.1	14
TOTAL %	0.1	2.6	0.2	-	-	-	-	*	*	*	*	-	-	-	-	2.9	440
TOTAL %	3.7	73.8	18.4	3.3	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	568	11299	2819	506	79	19	6	6	7	4	1	0	0	0	0		15314

STATION: 41009

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

Month: OCT

WIND SPEED	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4		
0	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	>13.4	TOT %	TOT N
1 - 3	-	0.1	*	*	-	-	-	-	-	-	-	-	-	-	-	0.2	32
4 - 6	0.1	3.5	0.6	*	*	*	-	-	-	-	-	-	-	-	-	4.4	703
7 - 10	0.4	7.9	1.4	0.1	0.1	*	*	-	-	-	-	-	-	-	-	9.9	1605
11 - 15	0.3	17.4	4.1	0.3	*	-	-	-	-	-	-	-	-	-	-	22.2	3578
16 - 20	0.1	14.1	10.8	1.7	*	-	-	-	-	-	-	-	-	-	-	26.7	4310
21 - 24	*	3.6	12.0	3.9	0.5	*	-	-	-	-	-	-	-	-	-	20.0	3233
25 - 33	-	0.2	2.1	2.4	0.8	0.1	*	-	-	-	-	-	-	-	-	5.6	909
34 - 47	-	*	0.3	0.7	0.3	0.1	*	*	-	-	-	-	-	-	-	1.4	224
> 48	-	-	-	*	*	*	*	*	-	-	-	-	-	-	-	0.1	15
TOTAL %	*	5.1	2.6	1.2	0.5	*	-	-	-	-	-	-	-	-	-	9.5	1533
TOTAL %	0.8	52.1	34.0	10.4	2.4	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	132	8404	5484	1680	387	47	6	2	0	0	0	0	0	0	0		16142

STATION: 41009

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

Month: NOV

WIND SPEED	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4		
0	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	>13.4	TOT %	TOT N
1 - 3	*	0.2	*	-	-	-	-	-	-	-	-	-	-	-	-	0.3	41
4 - 6	0.1	3.0	0.4	*	*	*	-	-	-	-	-	-	-	-	-	3.7	565
7 - 10	0.1	6.8	1.2	0.1	*	-	-	-	-	-	-	-	-	-	-	8.3	1283
> 48	0.1	18.5	3.0	0.5	*	-	-	-	-	-	-	-	-	-	-	22.2	3438

11 - 15	0.1	19.6	10.7	0.9	0.1	*	-	-	-	-	-	-	-	-	-	31.4	4865
16 - 20	*	5.8	12.6	2.8	0.5	0.1	-	-	-	-	-	-	-	-	-	21.7	3362
21 - 24	-	0.4	2.1	2.2	0.8	*	-	-	-	-	-	-	-	-	-	5.6	860
25 - 33	-	*	0.2	0.9	1.2	0.2	*	-	-	-	-	-	-	-	-	2.5	393
34 - 47	-	-	-	-	-	-	*	-	-	-	-	-	-	-	-	0.0	1
> 48	-	3.2	1.1	*	*	-	-	-	-	-	-	-	-	-	-	4.3	665
TOTAL %	0.4	57.7	31.4	7.6	2.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	67	8924	4852	1182	399	45	4	0	0	0	0	0	0	0	0		15473

STATION: 41009

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	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	47
	1 - 3	0.2	4.5	0.5	*	-	-	-	-	-	-	-	-	-	-	-	5.3	846
	4 - 6	0.4	9.7	1.2	*	-	*	-	-	-	-	-	-	-	-	-	11.3	1816
	7 - 10	0.4	20.0	3.9	0.2	*	*	-	-	-	-	-	-	-	-	-	24.7	3959
	11 - 15	0.3	18.2	11.2	0.8	0.1	*	-	-	-	-	-	-	-	-	-	30.6	4905
	16 - 20	*	6.0	11.3	1.7	0.3	0.1	-	-	-	-	-	-	-	-	-	19.3	3090
	21 - 24	-	0.8	3.9	1.2	0.2	*	-	-	-	-	-	-	-	-	-	6.2	996
	25 - 33	-	0.1	1.0	0.8	0.5	-	-	-	-	-	-	-	-	-	-	2.4	383
	34 - 47	-	-	-	*	-	-	-	-	-	-	-	-	-	-	-	0.0	5
	> 48	-	*	*	-	-	-	-	-	-	-	-	-	-	-	-	0.0	4
TOTAL %		1.3	59.6	33.1	4.8	1.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N		213	9573	5309	774	159	23	0	0	0	0	0	0	0	0	0		16051

STATION: 41009

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

All Months: Annual

		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	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4		0.4	667
	1 - 3	0.8	4.9	0.4	*	*	*	-	-	-	-	-	-	-	-	-	6.2	11460
	4 - 6	1.7	10.5	1.0	0.1	*	*	*	-	-	-	-	-	-	-	-	13.3	24687
	7 - 10	2.3	22.5	2.6	0.2	*	*	-	-	-	-	-	-	-	-	-	27.6	51269
	11 - 15	0.6	20.3	6.6	0.5	*	*	-	-	-	-	-	-	-	-	-	28.2	52438
	16 - 20	*	5.8	7.2	1.4	0.2	*	-	-	-	-	-	-	-	-	-	14.7	27295
	21 - 24	*	0.6	2.0	1.0	0.3	*	*	-	-	-	-	-	-	-	-	3.9	7182
	25 - 33	*	0.1	0.5	0.5	0.3	0.1	*	*	-	-	-	-	-	-	-	1.4	2569
	34 - 47	-	*	*	*	*	*	*	*	*	*	-	-	-	-	-	0.0	91
	> 48	0.5	3.0	0.7	0.2	0.1	*	*	*	*	*	*	-	-	-	-	4.5	8384
TOTAL %		6.0	67.9	21.1	3.9	0.9	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N		11120	126314	39232	7238	1741	311	50	22	9	4	1	0	0	0	0		186042

STATION: 41009

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

Months: DEC, JAN, FEB (Winter)

		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	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	104
	1 - 3	0.1	4.1	0.6	*	-	-	-	-	-	-	-	-	-	-	-	4.8	2250
	4 - 6	0.3	8.8	1.4	*	-	*	-	-	-	-	-	-	-	-	-	10.5	4880
	7 - 10	0.4	18.7	3.7	0.2	*	*	-	-	-	-	-	-	-	-	-	23.0	10752
	11 - 15	0.2	18.5	9.5	0.6	*	*	-	-	-	-	-	-	-	-	-	28.9	13504
	16 - 20	*	7.0	11.1	1.7	0.2	*	-	-	-	-	-	-	-	-	-	20.1	9383
	21 - 24	-	1.1	4.1	1.3	0.4	*	*	-	-	-	-	-	-	-	-	6.9	3217
	25 - 33	-	0.1	1.0	0.8	0.5	0.1	*	-	-	-	-	-	-	-	-	2.7	1247
	34 - 47	-	-	*	*	*	*	*	-	-	-	-	-	-	-	-	0.1	25
	> 48	0.3	1.5	1.0	*	-	-	*	-	-	-	-	-	-	-	-	2.8	1322
TOTAL %		1.4	60.1	32.4	4.7	1.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N		634	28045	15137	2193	547	107	21	0	0	0	0	0	0	0	0		46684

STATION: 41009

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	>13.4	0.2	89
1 - 3	*	0.2	*	-	-	-	-	-	-	-	-	-	-	-	-	4.8	2176
4 - 6	0.5	4.0	0.3	*	-	-	-	-	-	-	-	-	-	-	-	11.8	5398
7 - 10	1.4	9.6	0.7	*	*	-	-	-	-	-	-	-	-	-	-	26.3	11989
11 - 15	2.1	21.7	2.4	0.1	*	-	-	-	-	-	-	-	-	-	-	32.3	14756
16 - 20	0.7	25.6	5.7	0.3	*	-	-	-	-	-	-	-	-	-	-	16.8	7659
21 - 24	*	8.6	6.8	1.1	0.2	*	-	-	-	-	-	-	-	-	-	3.6	1645
25 - 33	*	0.7	1.9	0.8	0.1	*	*	-	-	-	-	-	-	-	-	1.2	545
34 - 47	-	0.1	0.5	0.4	0.1	*	*	*	-	-	-	-	-	-	-	0.1	29
> 48	-	*	-	*	*	-	-	*	-	-	-	-	-	-	-	2.9	1332
TOTAL %	4.7	72.6	18.9	3.0	0.6	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	2154	33103	8632	1358	270	80	11	10	0	0	0	0	0	0	0		45618

(* < 0.05%)

STATION: 41009

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	>13.4	0.7	311
1 - 3	0.1	0.5	*	*	-	-	-	-	-	-	-	-	-	-	-	9.9	4628
4 - 6	2.4	7.3	0.2	*	*	-	-	-	-	-	-	-	-	-	-	19.5	9137
7 - 10	4.7	14.5	0.3	*	-	-	-	-	-	-	-	-	-	-	-	34.6	16193
11 - 15	5.8	28.1	0.7	*	*	-	-	-	-	-	-	-	-	-	-	22.9	10713
16 - 20	1.5	19.4	1.8	0.2	*	-	-	-	-	-	-	-	-	-	-	5.0	2356
21 - 24	0.1	3.3	1.4	0.2	*	-	-	-	-	-	-	-	-	-	-	0.6	287
25 - 33	*	0.2	0.3	0.1	*	*	-	-	-	-	-	-	-	-	-	0.2	87
34 - 47	*	*	0.1	*	*	*	*	*	-	-	-	-	-	-	-	0.0	7
> 48	-	-	-	-	*	*	-	*	*	-	-	-	-	-	-	6.6	3092
TOTAL %	16.2	78.1	4.9	0.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	7565	36539	2308	319	59	13	2	4	2	0	0	0	0	0	0		46811

(* < 0.05%)

STATION: 41009

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	0.3	163
1 - 3	*	0.3	*	*	-	-	-	-	-	-	-	-	-	-	-	5.1	2406
4 - 6	0.2	4.2	0.6	0.1	*	*	-	-	-	-	-	-	-	-	-	11.2	5272
7 - 10	0.4	9.1	1.4	0.2	*	*	*	-	-	-	-	-	-	-	-	26.3	12335
11 - 15	0.8	21.3	3.7	0.4	*	*	-	-	-	-	-	-	-	-	-	28.7	13465
16 - 20	0.1	17.9	9.5	1.0	0.1	*	-	-	-	-	-	-	-	-	-	16.8	7897
21 - 24	*	4.2	9.6	2.6	0.4	*	-	-	-	-	-	-	-	-	-	4.3	2033
25 - 33	*	0.3	1.6	1.8	0.6	*	*	-	-	-	-	-	-	-	-	1.5	690
34 - 47	-	*	0.2	0.6	0.5	0.1	*	*	-	-	-	-	-	-	-	0.1	30
> 48	-	-	-	*	*	*	*	*	*	*	*	-	-	-	-	5.6	2638
TOTAL %	1.6	61.0	28.0	7.2	1.8	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	767	28627	13155	3368	865	111	16	8	7	4	1	0	0	0	0		46929

(* < 0.05%)

STATION: 41009

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	0.1	1.0	-	-	-	-	-	-	-	-	-	-	-	-	-	1.1	186
3.5 - 4.4	*	4.3	0.1	-	-	-	-	-	-	-	-	-	-	-	-	4.5	746
4.5 - 5.4	*	6.0	2.1	-	-	-	-	-	-	-	-	-	-	-	-	8.1	1362
5.5 - 6.4	0.1	4.5	5.5	0.2	*	-	-	-	-	-	-	-	-	-	-	10.2	1707
6.5 - 7.4	*	5.3	4.9	0.8	*	-	-	-	-	-	-	-	-	-	-	11.1	1852
7.5 - 8.4	0.2	9.1	5.4	0.8	0.3	*	-	-	-	-	-	-	-	-	-	15.7	2631
8.5 - 9.4	0.3	10.9	4.3	0.8	0.2	*	-	-	-	-	-	-	-	-	-	16.6	2771
9.5 - 10.4	0.1	12.0	6.0	0.9	0.4	0.1	*	-	-	-	-	-	-	-	-	19.5	3261
10.5 - 11.4	*	4.9	2.3	0.5	0.2	*	*	-	-	-	-	-	-	-	-	8.0	1344
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	*	2.0	1.3	0.2	0.1	0.1	*	-	-	-	-	-	-	-	-	3.8	633

13.5 - 14.4	-	0.6	0.6	*	*	*	*	-	-	-	-	-	-	-	-	1.3	223
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	*	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	4
TOTAL %	0.8	60.6	32.6	4.2	1.4	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	137	10140	5450	702	228	48	15	0	0	0	0	0	0	0	0		16720

(* < 0.05%)

STATION: 41009

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

Month: FEB

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0-0.4	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	*	0.6	-	-	-	-	-	-	-	-	-	-	-	-	-	0.6	89
3.5 - 4.4	*	4.5	0.1	-	-	-	-	-	-	-	-	-	-	-	-	4.7	649
4.5 - 5.4	*	6.0	2.1	*	-	-	-	-	-	-	-	-	-	-	-	8.1	1132
5.5 - 6.4	*	4.7	4.8	0.3	-	-	-	-	-	-	-	-	-	-	-	9.8	1362
6.5 - 7.4	0.1	4.3	4.2	0.8	*	-	-	-	-	-	-	-	-	-	-	9.3	1288
7.5 - 8.4	0.4	10.5	5.2	1.0	0.2	-	-	-	-	-	-	-	-	-	-	17.3	2405
8.5 - 9.4	0.9	10.1	3.7	0.7	0.2	0.1	-	-	-	-	-	-	-	-	-	15.7	2184
9.5 - 10.4	0.2	9.1	4.3	1.0	0.5	0.1	-	-	-	-	-	-	-	-	-	15.2	2118
10.5 - 11.4	0.3	5.5	3.5	0.5	0.2	0.1	*	-	-	-	-	-	-	-	-	10.2	1418
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	3.7	2.2	0.5	*	*	*	-	-	-	-	-	-	-	-	6.4	894
13.5 - 14.4	-	0.9	1.4	0.3	-	-	-	-	-	-	-	-	-	-	-	2.7	372
TOTAL %	2.0	59.9	31.5	5.2	1.2	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	284	8330	4378	717	160	36	6	0	0	0	0	0	0	0	0		13911

(* < 0.05%)

STATION: 41009

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

Month: MAR

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-5.4	5.5-6.4	6.5-7.4	7.5-8.4	8.5-9.4	9.5-10.4	10.5-11.4	11.5-12.4	12.5-13.4	>13.4		
< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	0.3	1.1	-	-	-	-	-	-	-	-	-	-	-	-	-	1.3	201
3.5 - 4.4	0.2	7.4	0.3	-	-	-	-	-	-	-	-	-	-	-	-	7.9	1199
4.5 - 5.4	0.2	8.3	2.7	*	-	-	-	-	-	-	-	-	-	-	-	11.1	1696
5.5 - 6.4	0.5	5.9	4.7	0.2	*	-	-	-	-	-	-	-	-	-	-	11.2	1710
6.5 - 7.4	0.3	5.4	3.1	0.7	0.1	*	-	-	-	-	-	-	-	-	-	9.7	1473
7.5 - 8.4	0.4	11.9	4.3	1.4	0.1	*	-	-	-	-	-	-	-	-	-	18.0	2739
8.5 - 9.4	0.5	9.8	3.6	0.9	0.1	-	-	-	-	-	-	-	-	-	-	14.8	2258
9.5 - 10.4	0.3	7.1	2.7	0.7	0.4	0.1	-	-	-	-	-	-	-	-	-	11.2	1704
10.5 - 11.4	0.1	3.9	1.6	0.4	0.2	0.1	*	-	-	-	-	-	-	-	-	6.4	972
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	0.2	2.9	1.5	0.6	0.2	0.1	-	*	-	-	-	-	-	-	-	5.6	852
13.5 - 14.4	*	1.3	0.7	0.1	0.3	0.2	0.1	*	-	-	-	-	-	-	-	2.6	395
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	*	*	0.1	*	-	-	-	-	-	-	-	-	-	-	-	0.1	22
TOTAL %	2.8	64.9	25.2	5.1	1.5	0.5	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	419	9880	3834	776	221	70	11	10	0	0	0	0	0	0	0		15221

(* < 0.05%)

STATION: 41009

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

Month: APR

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-5.4	5.5-6.4	6.5-7.4	7.5-8.4	8.5-9.4	9.5-10.4	10.5-11.4	11.5-12.4	12.5-13.4	>13.4		
< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	0.5	1.8	-	-	-	-	-	-	-	-	-	-	-	-	-	2.4	347
3.5 - 4.4	0.3	7.6	0.1	-	-	-	-	-	-	-	-	-	-	-	-	8.0	1174
4.5 - 5.4	*	8.0	1.7	-	-	-	-	-	-	-	-	-	-	-	-	9.7	1437
5.5 - 6.4	0.2	5.4	3.4	*	-	-	-	-	-	-	-	-	-	-	-	9.0	1326
6.5 - 7.4	0.3	5.9	2.4	0.3	-	-	-	-	-	-	-	-	-	-	-	8.9	1313

1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	0.9	5.1	-	-	-	-	-	-	-	-	-	-	-	-	-	5.9	935
3.5 - 4.4	0.5	10.6	-	-	-	-	-	-	-	-	-	-	-	-	-	11.1	1757
4.5 - 5.4	0.2	2.9	0.2	-	-	-	-	-	-	-	-	-	-	-	-	3.2	506
5.5 - 6.4	0.3	2.4	0.2	-	-	-	-	-	-	-	-	-	-	-	-	2.9	457
6.5 - 7.4	1.1	7.1	0.5	-	-	-	-	-	-	-	-	-	-	-	-	8.6	1360
7.5 - 8.4	9.9	26.8	0.5	-	-	-	-	-	-	-	-	-	-	-	-	37.2	5868
8.5 - 9.4	5.0	17.6	0.3	*	-	-	-	-	-	-	-	-	-	-	-	22.9	3616
9.5 - 10.4	1.1	3.8	0.4	*	-	-	-	-	-	-	-	-	-	-	-	5.2	825
10.5 - 11.4	0.4	0.8	0.1	*	*	-	-	-	-	-	-	-	-	-	-	1.3	211
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	0.1	0.3	-	0.1	-	-	-	-	-	-	-	-	-	-	-	0.5	80
13.5 - 14.4	0.2	0.4	*	0.1	*	-	-	-	-	-	-	-	-	-	-	0.7	109
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	*	0.1	0.1	-	-	-	-	-	-	-	-	-	-	-	-	0.2	34
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	*	*	-	-	-	-	-	-	-	-	-	-	-	-	-	0.1	10
TOTAL %	19.7	77.9	2.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	3102	12296	346	33	3	0	0	0	0	0	0	0	0	0	0		15780

(* < 0.05%)

STATION: 41009

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

Month: AUG

WAVE PERIOD	WAVE HEIGHT														TOT %	TOT N	
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-			>13.4
< 0.5	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	-	0.0	1
0.5 - 1.4	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	0.4	2.1	-	-	-	-	-	-	-	-	-	-	-	-	-	2.5	409
3.5 - 4.4	0.1	5.2	*	-	-	-	-	-	-	-	-	-	-	-	-	5.3	882
4.5 - 5.4	0.1	2.4	0.2	-	-	-	-	-	-	-	-	-	-	-	-	2.6	438
5.5 - 6.4	0.4	3.1	0.7	-	-	-	-	-	-	-	-	-	-	-	-	4.2	690
6.5 - 7.4	1.0	7.3	0.6	0.1	*	-	-	-	-	-	-	-	-	-	-	9.0	1500
7.5 - 8.4	6.5	28.5	0.9	0.3	*	-	-	-	-	-	-	-	-	-	-	36.2	6019
8.5 - 9.4	3.1	15.4	0.7	*	*	*	-	-	-	-	-	-	-	-	-	19.2	3183
9.5 - 10.4	1.2	6.6	0.9	*	*	*	*	-	-	-	-	-	-	-	-	8.7	1453
10.5 - 11.4	0.6	4.1	0.8	0.2	0.1	*	-	*	-	-	-	-	-	-	-	5.8	964
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	0.2	2.2	0.9	0.5	0.1	*	*	*	*	-	-	-	-	-	-	3.9	643
13.5 - 14.4	0.1	1.0	0.7	0.3	0.1	-	-	-	-	-	-	-	-	-	-	2.1	353
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	0.1	0.1	0.2	0.1	-	-	-	-	-	-	-	-	-	-	-	0.5	79
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	1
TOTAL %	13.5	78.0	6.4	1.6	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	2247	12952	1071	268	56	13	2	4	2	0	0	0	0	0	0		16615

(* < 0.05%)

STATION: 41009

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

Month: SEP

WAVE PERIOD	WAVE HEIGHT														TOT %	TOT N	
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-			>13.4
< 0.5	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	-	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	0.1	0.8	-	-	-	-	-	-	-	-	-	-	-	-	-	0.9	137
3.5 - 4.4	*	4.0	*	-	-	-	-	-	-	-	-	-	-	-	-	4.1	624
4.5 - 5.4	*	4.9	0.7	-	-	-	-	-	-	-	-	-	-	-	-	5.6	853
5.5 - 6.4	0.4	5.1	2.2	0.1	-	-	-	-	-	-	-	-	-	-	-	7.9	1208
6.5 - 7.4	0.5	7.9	1.6	0.2	*	-	-	-	-	-	-	-	-	-	-	10.2	1569
7.5 - 8.4	1.2	18.4	2.4	0.2	*	-	-	-	-	-	-	-	-	-	-	22.3	3409
8.5 - 9.4	0.8	11.0	2.4	0.5	*	-	-	-	-	-	-	-	-	-	-	14.7	2255
9.5 - 10.4	0.3	7.2	2.0	0.3	*	-	*	-	-	-	-	-	-	-	-	9.9	1516
10.5 - 11.4	0.1	6.3	2.0	0.4	*	*	*	-	-	*	-	-	-	-	-	8.9	1359
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	0.1	6.3	2.3	0.4	0.1	-	-	*	*	-	-	-	-	-	-	9.2	1405
13.5 - 14.4	*	1.3	2.0	0.8	0.2	0.1	*	*	*	*	-	-	-	-	-	4.4	680
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	*	0.3	0.7	0.5	0.2	0.1	-	-	*	*	*	-	-	-	-	1.8	275

17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	*	0.1	*	-	-	-	-	-	-	-	-	-	-	-	-	0.2	23
TOTAL %	3.7	73.8	18.4	3.3	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	568	11298	2819	506	79	19	6	6	7	4	1	0	0	0	0		15313

(* < 0.05%)

STATION: 41009

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

Month: OCT

WAVE PERIOD	WAVE HEIGHT														TOT %	TOT N	
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-			>13.4
< 0.5	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	-	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	*	0.6	-	-	-	-	-	-	-	-	-	-	-	-	-	0.6	104
3.5 - 4.4	-	2.5	0.1	-	-	-	-	-	-	-	-	-	-	-	-	2.5	411
4.5 - 5.4	-	3.5	0.8	-	-	-	-	-	-	-	-	-	-	-	-	4.3	700
5.5 - 6.4	*	4.9	3.6	0.4	*	-	-	-	-	-	-	-	-	-	-	9.0	1445
6.5 - 7.4	*	7.8	5.2	0.6	*	-	-	-	-	-	-	-	-	-	-	13.7	2207
7.5 - 8.4	0.1	12.9	10.5	2.3	0.1	-	-	-	-	-	-	-	-	-	-	26.0	4196
8.5 - 9.4	0.1	6.0	5.0	2.1	0.2	*	-	-	-	-	-	-	-	-	-	13.4	2171
9.5 - 10.4	0.2	5.4	3.8	2.2	0.6	0.1	*	*	-	-	-	-	-	-	-	12.4	1997
10.5 - 11.4	0.2	4.7	1.9	1.6	0.9	0.1	*	*	-	-	-	-	-	-	-	9.4	1522
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	*	2.8	1.7	0.6	0.3	*	-	-	-	-	-	-	-	-	-	5.5	884
13.5 - 14.4	*	0.7	1.2	0.4	0.1	-	-	-	-	-	-	-	-	-	-	2.5	408
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	*	0.1	0.2	0.1	-	-	-	-	-	-	-	-	-	-	0.5	77
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	-	-	-	0.1	*	*	-	-	-	-	-	-	-	-	0.1	20
TOTAL %	0.8	52.1	34.0	10.4	2.4	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	132	8404	5484	1680	387	47	6	2	0	0	0	0	0	0	0		16142

(* < 0.05%)

STATION: 41009

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

Month: NOV

WAVE PERIOD	WAVE HEIGHT														TOT %	TOT N	
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-			>13.4
< 0.5	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	-	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	*	0.6	-	-	-	-	-	-	-	-	-	-	-	-	-	0.6	100
3.5 - 4.4	-	3.4	0.3	-	-	-	-	-	-	-	-	-	-	-	-	3.7	579
4.5 - 5.4	-	6.0	2.4	-	-	-	-	-	-	-	-	-	-	-	-	8.4	1295
5.5 - 6.4	-	5.0	4.7	0.1	-	-	-	-	-	-	-	-	-	-	-	9.8	1514
6.5 - 7.4	*	6.2	4.7	0.4	*	-	-	-	-	-	-	-	-	-	-	11.5	1774
7.5 - 8.4	0.2	15.1	6.8	1.7	0.4	*	-	-	-	-	-	-	-	-	-	24.1	3729
8.5 - 9.4	0.1	8.7	4.0	1.8	0.3	*	-	-	-	-	-	-	-	-	-	14.9	2310
9.5 - 10.4	*	6.2	3.5	1.4	1.1	0.1	-	-	-	-	-	-	-	-	-	12.4	1913
10.5 - 11.4	*	3.0	2.9	1.3	0.5	0.1	*	-	-	-	-	-	-	-	-	7.8	1203
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	*	2.8	1.2	0.3	0.1	0.1	*	-	-	-	-	-	-	-	-	4.6	707
13.5 - 14.4	-	0.6	0.7	0.3	0.1	-	-	-	-	-	-	-	-	-	-	1.7	261
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	*	0.1	0.3	-	-	-	-	-	-	-	-	-	-	-	0.5	70
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	-	-	0.1	*	*	-	-	-	-	-	-	-	-	-	0.1	18
TOTAL %	0.4	57.7	31.4	7.6	2.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	67	8924	4852	1182	399	45	4	0	0	0	0	0	0	0	0		15473

(* < 0.05%)

STATION: 41009

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

Month: DEC

WAVE PERIOD	WAVE HEIGHT														TOT %	TOT N	
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-			>13.4
< 0.5	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	-	0.0	0

TOTAL %	1.4	60.1	32.4	4.7	1.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	634	28043	15137	2193	547	107	21	0	0	0	0	0	0	0	0		46682

(* < 0.05%)

STATION: 41009

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-	0.5-	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	0.4	2.3	-	-	-	-	-	-	-	-	-	-	-	-	-	2.7	1220
3.5 - 4.4	0.3	8.4	0.1	-	-	-	-	-	-	-	-	-	-	-	-	8.8	4028
4.5 - 5.4	0.1	7.8	1.6	*	-	-	-	-	-	-	-	-	-	-	-	9.5	4339
5.5 - 6.4	0.3	5.9	3.2	0.1	*	-	-	-	-	-	-	-	-	-	-	9.5	4322
6.5 - 7.4	0.5	6.8	2.1	0.4	*	*	-	-	-	-	-	-	-	-	-	9.9	4510
7.5 - 8.4	1.2	15.6	3.5	0.8	*	*	-	-	-	-	-	-	-	-	-	21.1	9616
8.5 - 9.4	0.7	11.2	3.0	0.5	*	-	-	-	-	-	-	-	-	-	-	15.4	7044
9.5 - 10.4	0.4	6.3	2.3	0.5	0.2	*	-	-	-	-	-	-	-	-	-	9.8	4476
10.5 - 11.4	0.3	3.8	1.3	0.3	0.1	*	*	-	-	-	-	-	-	-	-	5.8	2656
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	0.3	3.1	1.3	0.4	0.1	0.1	-	*	-	-	-	-	-	-	-	5.3	2397
13.5 - 14.4	0.1	1.2	0.5	0.1	0.1	0.1	*	*	-	-	-	-	-	-	-	2.1	951
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	*	*	*	*	-	-	-	-	-	-	-	-	-	-	-	0.1	46
TOTAL %	4.7	72.6	18.9	3.0	0.6	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	2154	33090	8632	1358	270	80	11	10	0	0	0	0	0	0	0		45605

(* < 0.05%)

STATION: 41009

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

Months: JUN, JUL, AUG (Summer)

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	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	13
0.5 - 1.4	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	0.6	3.8	-	-	-	-	-	-	-	-	-	-	-	-	-	4.4	2056
3.5 - 4.4	0.3	8.3	*	-	-	-	-	-	-	-	-	-	-	-	-	8.6	4021
4.5 - 5.4	0.1	3.4	0.2	-	-	-	-	-	-	-	-	-	-	-	-	3.7	1751
5.5 - 6.4	0.3	2.9	0.7	-	-	-	-	-	-	-	-	-	-	-	-	3.9	1816
6.5 - 7.4	0.9	7.2	0.8	*	*	-	-	-	-	-	-	-	-	-	-	8.9	4161
7.5 - 8.4	7.9	27.7	1.0	0.1	*	-	-	-	-	-	-	-	-	-	-	36.7	17190
8.5 - 9.4	3.8	16.2	0.5	*	*	*	-	-	-	-	-	-	-	-	-	20.6	9625
9.5 - 10.4	1.2	4.6	0.6	*	*	*	-	-	-	-	-	-	-	-	-	6.4	3016
10.5 - 11.4	0.6	2.1	0.5	0.1	*	*	-	*	-	-	-	-	-	-	-	3.3	1529
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	0.3	1.1	0.4	0.2	*	*	*	*	*	-	-	-	-	-	-	2.1	970
13.5 - 14.4	0.1	0.6	0.2	0.1	*	-	-	-	-	-	-	-	-	-	-	1.1	538
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	*	0.1	0.1	*	-	-	-	-	-	-	-	-	-	-	-	0.2	113
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	*	*	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	11
TOTAL %	16.2	78.1	4.9	0.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	7565	36538	2308	319	59	13	2	4	2	0	0	0	0	0	0		46810

(* < 0.05%)

STATION: 41009

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

Months: SEP, OCT, NOV (Autumn)

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4		
< 0.5	0.4	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	*	0.7	-	-	-	-	-	-	-	-	-	-	-	-	-	0.7	341
3.5 - 4.4	*	3.3	0.1	-	-	-	-	-	-	-	-	-	-	-	-	3.4	1614
4.5 - 5.4	*	4.8	1.3	-	-	-	-	-	-	-	-	-	-	-	-	6.1	2848
5.5 - 6.4	0.1	5.0	3.5	0.2	*	-	-	-	-	-	-	-	-	-	-	8.9	4167
6.5 - 7.4	0.2	7.3	3.9	0.4	*	-	-	-	-	-	-	-	-	-	-	11.8	5550
7.5 - 8.4	0.5	15.4	6.7	1.4	0.2	*	-	-	-	-	-	-	-	-	-	24.2	11334
8.5 - 9.4	0.4	8.6	3.8	1.4	0.2	*	-	-	-	-	-	-	-	-	-	14.4	6736

11.5 - 12.4	-	-	*	-	-	-	-	-	-	-	-	-	-	-	-	0.0	1
TOTAL %	2.8	64.9	25.2	5.1	1.5	0.5	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	419	9881	3834	776	221	70	11	10	0	0	0	0	0	0	0		15222

(* < 0.05%)

STATION: 41009

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

Month: APR

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	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	0.2	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	0.7	106
3.5 - 4.4	1.3	19.5	0.4	-	-	-	-	-	-	-	-	-	-	-	-	21.2	3128
4.5 - 5.4	1.0	29.4	9.8	0.1	-	-	-	-	-	-	-	-	-	-	-	40.3	5953
5.5 - 6.4	0.7	14.7	8.7	1.3	-	-	-	-	-	-	-	-	-	-	-	25.3	3732
6.5 - 7.4	0.2	5.1	2.5	0.8	0.1	-	-	-	-	-	-	-	-	-	-	8.8	1303
7.5 - 8.4	-	1.2	0.8	0.1	0.1	*	-	-	-	-	-	-	-	-	-	2.2	329
8.5 - 9.4	-	0.5	0.6	0.1	-	*	-	-	-	-	-	-	-	-	-	1.3	187
9.5 - 10.4	-	0.1	0.1	*	-	-	-	-	-	-	-	-	-	-	-	0.1	21
10.5 - 11.4	-	*	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	2
TOTAL %	3.4	71.0	22.9	2.4	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	501	10486	3380	350	34	10	0	0	0	0	0	0	0	0	0		14761

(* < 0.05%)

STATION: 41009

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	>13.4	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	*	1.0	-	-	-	-	-	-	-	-	-	-	-	-	-	1.0	161
3.5 - 4.4	2.7	24.2	0.1	-	-	-	-	-	-	-	-	-	-	-	-	27.0	4218
4.5 - 5.4	2.7	31.9	2.9	*	-	-	-	-	-	-	-	-	-	-	-	37.4	5853
5.5 - 6.4	1.9	16.3	3.2	0.8	-	-	-	-	-	-	-	-	-	-	-	22.1	3453
6.5 - 7.4	0.6	6.7	2.3	0.6	0.1	-	-	-	-	-	-	-	-	-	-	10.3	1603
7.5 - 8.4	-	1.2	0.3	0.1	-	-	-	-	-	-	-	-	-	-	-	1.6	250
8.5 - 9.4	-	0.2	0.3	0.1	-	-	-	-	-	-	-	-	-	-	-	0.6	91
9.5 - 10.4	-	*	*	-	-	-	-	-	-	-	-	-	-	-	-	0.0	6
TOTAL %	7.9	81.5	9.1	1.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	1234	12736	1418	232	15	0	0	0	0	0	0	0	0	0	0		15635

(* < 0.05%)

STATION: 41009

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	>13.4	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	0.2	1.3	-	-	-	-	-	-	-	-	-	-	-	-	-	1.5	211
3.5 - 4.4	3.4	27.1	0.1	-	-	-	-	-	-	-	-	-	-	-	-	30.7	4419
4.5 - 5.4	4.9	27.7	2.6	-	-	-	-	-	-	-	-	-	-	-	-	35.3	5083
5.5 - 6.4	5.3	15.2	2.5	*	-	-	-	-	-	-	-	-	-	-	-	23.0	3322
6.5 - 7.4	1.4	5.7	0.8	0.1	-	-	-	-	-	-	-	-	-	-	-	8.0	1154
7.5 - 8.4	0.1	1.2	0.1	-	-	-	-	-	-	-	-	-	-	-	-	1.4	206
8.5 - 9.4	-	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	0.1	20
TOTAL %	15.4	78.3	6.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	2216	11290	891	18	0	0	0	0	0	0	0	0	0	0	0		14415

(* < 0.05%)

STATION: 41009

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

Month: JUL

WAVE HEIGHT

WAVE PERIOD	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	TOT %	TOT N
< 0.5	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.1	12
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	0.2	1.6	-	-	-	-	-	-	-	-	-	-	-	-	-	1.8	290
3.5 - 4.4	4.9	27.4	0.1	-	-	-	-	-	-	-	-	-	-	-	-	32.3	5103
4.5 - 5.4	5.9	27.3	0.9	-	-	-	-	-	-	-	-	-	-	-	-	34.1	5385
5.5 - 6.4	5.8	13.5	0.7	*	-	-	-	-	-	-	-	-	-	-	-	20.0	3154
6.5 - 7.4	2.5	6.4	0.4	*	-	-	-	-	-	-	-	-	-	-	-	9.3	1470
7.5 - 8.4	0.4	1.4	*	0.1	-	-	-	-	-	-	-	-	-	-	-	1.8	284
8.5 - 9.4	-	0.2	*	0.1	*	-	-	-	-	-	-	-	-	-	-	0.3	42
9.5 - 10.4	-	0.1	*	*	-	-	-	-	-	-	-	-	-	-	-	0.1	14
10.5 - 11.4	-	*	*	-	-	-	-	-	-	-	-	-	-	-	-	0.0	6
11.5 - 12.4	-	0.1	*	-	-	-	-	-	-	-	-	-	-	-	-	0.1	14
12.5 - 13.4	-	*	*	-	-	-	-	-	-	-	-	-	-	-	-	0.0	6
TOTAL %	19.7	77.9	2.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	3102	12296	346	33	3	0	0	0	0	0	0	0	0	0	0		15780

(* < 0.05%)

STATION: 41009

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	1
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	0.1	0.3	-	-	-	-	-	-	-	-	-	-	-	-	-	0.4	66
3.5 - 4.4	2.2	16.8	*	-	-	-	-	-	-	-	-	-	-	-	-	19.0	3160
4.5 - 5.4	4.4	27.7	1.8	*	-	-	-	-	-	-	-	-	-	-	-	34.0	5651
5.5 - 6.4	4.7	19.8	1.5	0.4	*	-	-	-	-	-	-	-	-	-	-	26.4	4383
6.5 - 7.4	2.0	9.5	1.1	0.4	0.1	*	-	-	-	-	-	-	-	-	-	13.2	2189
7.5 - 8.4	0.1	2.8	0.7	0.5	0.1	0.1	*	*	-	-	-	-	-	-	-	4.3	715
8.5 - 9.4	-	0.8	0.6	0.2	0.1	-	*	*	*	-	-	-	-	-	-	1.7	287
9.5 - 10.4	-	0.2	0.2	*	*	-	-	-	-	-	-	-	-	-	-	0.4	62
10.5 - 11.4	-	0.1	0.2	*	-	-	-	-	-	-	-	-	-	-	-	0.3	42
11.5 - 12.4	-	*	0.1	*	-	-	-	-	-	-	-	-	-	-	-	0.2	25
12.5 - 13.4	-	*	0.1	-	-	-	-	-	-	-	-	-	-	-	-	0.1	19
13.5 - 14.4	-	-	*	*	-	-	-	-	-	-	-	-	-	-	-	0.1	11
14.5 - 15.4	-	-	*	*	-	-	-	-	-	-	-	-	-	-	-	0.0	5
TOTAL %	13.5	78.0	6.4	1.6	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	2247	12953	1071	268	56	13	2	4	2	0	0	0	0	0	0		16616

(* < 0.05%)

STATION: 41009

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	-	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	0.1	10
3.5 - 4.4	0.7	12.0	0.2	-	-	-	-	-	-	-	-	-	-	-	-	13.0	1984
4.5 - 5.4	1.8	32.9	4.8	0.2	-	-	-	-	-	-	-	-	-	-	-	39.6	6072
5.5 - 6.4	0.8	17.2	5.8	0.9	0.1	-	-	-	-	-	-	-	-	-	-	24.7	3788
6.5 - 7.4	0.4	7.5	3.2	0.9	0.1	*	*	-	-	-	-	-	-	-	-	12.2	1862
7.5 - 8.4	*	2.9	1.7	0.5	0.1	*	*	*	*	-	-	-	-	-	-	5.3	807
8.5 - 9.4	*	0.9	1.6	0.3	0.1	*	*	*	*	*	-	-	-	-	-	3.1	470
9.5 - 10.4	-	0.2	0.8	0.4	*	*	-	*	-	*	-	-	-	-	-	1.5	224
10.5 - 11.4	-	0.1	0.2	0.1	*	-	-	-	-	-	-	-	-	-	-	0.4	57
11.5 - 12.4	-	*	*	*	*	-	-	-	-	-	-	-	-	-	-	0.1	17
12.5 - 13.4	-	*	*	*	*	*	-	-	-	-	-	-	-	-	-	0.1	17
13.5 - 14.4	-	*	*	-	-	*	-	-	-	-	-	-	-	-	-	0.0	6
TOTAL %	3.7	73.8	18.4	3.3	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	568	11299	2819	506	79	19	6	6	7	4	1	0	0	0	0		15314

(* < 0.05%)

STATION: 41009

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

Month: OCT

WAVE HEIGHT

WAVE PERIOD	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	TOT %	TOT N
< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	0.2	29
3.5 - 4.4	0.2	7.3	0.4	-	-	-	-	-	-	-	-	-	-	-	-	7.9	1270
4.5 - 5.4	0.3	20.5	12.9	0.7	-	-	-	-	-	-	-	-	-	-	-	34.4	5555
5.5 - 6.4	0.2	16.0	13.2	5.3	0.2	-	-	-	-	-	-	-	-	-	-	34.8	5624
6.5 - 7.4	0.1	5.7	4.8	3.2	1.3	0.1	*	-	-	-	-	-	-	-	-	15.1	2444
7.5 - 8.4	*	1.6	1.6	0.9	0.7	0.2	*	*	-	-	-	-	-	-	-	5.0	809
8.5 - 9.4	-	0.7	0.5	0.1	0.1	*	-	-	-	-	-	-	-	-	-	1.4	226
9.5 - 10.4	-	0.1	0.2	0.1	-	-	-	-	-	-	-	-	-	-	-	0.4	70
10.5 - 11.4	-	-	0.2	*	*	-	-	-	-	-	-	-	-	-	-	0.2	32
11.5 - 12.4	-	-	0.2	0.1	0.1	-	-	-	-	-	-	-	-	-	-	0.3	54
12.5 - 13.4	-	-	*	0.1	*	-	-	-	-	-	-	-	-	-	-	0.1	15
13.5 - 14.4	-	-	-	-	*	-	-	-	-	-	-	-	-	-	-	0.0	5
14.5 - 15.4	-	-	-	-	*	*	-	-	-	-	-	-	-	-	-	0.0	8
15.5 - 16.4	-	-	-	-	-	-	*	-	-	-	-	-	-	-	-	0.0	1
TOTAL %	0.8	52.1	34.0	10.4	2.4	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	132	8404	5484	1680	387	47	6	2	0	0	0	0	0	0	0		16142

(* < 0.05%)

STATION: 41009

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

Month: NOV

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0- 0.4	0.5- 1.4	1.5- 2.4	2.5- 3.4	3.5- 4.4	4.5- 5.4	5.5- 6.4	6.5- 7.4	7.5- 8.4	8.5- 9.4	9.5- 10.4	10.5- 11.4	11.5- 12.4	12.5- 13.4	>13.4		
< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	*	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	0.1	18
3.5 - 4.4	0.1	9.9	1.5	-	-	-	-	-	-	-	-	-	-	-	-	11.5	1774
4.5 - 5.4	0.1	27.8	13.4	0.2	-	-	-	-	-	-	-	-	-	-	-	41.5	6416
5.5 - 6.4	0.2	14.0	10.2	4.6	0.5	-	-	-	-	-	-	-	-	-	-	29.5	4559
6.5 - 7.4	*	4.5	4.5	1.8	1.7	0.1	-	-	-	-	-	-	-	-	-	12.5	1938
7.5 - 8.4	-	1.2	1.2	0.5	0.3	0.2	*	-	-	-	-	-	-	-	-	3.3	518
8.5 - 9.4	-	0.2	0.3	0.2	0.1	*	*	-	-	-	-	-	-	-	-	0.8	127
9.5 - 10.4	-	-	0.3	0.2	-	-	-	-	-	-	-	-	-	-	-	0.5	78
10.5 - 11.4	-	-	*	0.1	-	-	-	-	-	-	-	-	-	-	-	0.1	15
11.5 - 12.4	-	-	-	*	-	-	-	-	-	-	-	-	-	-	-	0.0	6
12.5 - 13.4	-	-	-	0.1	-	-	-	-	-	-	-	-	-	-	-	0.1	15
13.5 - 14.4	-	-	-	*	*	-	-	-	-	-	-	-	-	-	-	0.0	5
14.5 - 15.4	-	-	-	-	*	*	-	-	-	-	-	-	-	-	-	0.0	4
TOTAL %	0.4	57.7	31.4	7.6	2.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	67	8924	4852	1182	399	45	4	0	0	0	0	0	0	0	0		15473

(* < 0.05%)

STATION: 41009

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

Month: DEC

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0- 0.4	0.5- 1.4	1.5- 2.4	2.5- 3.4	3.5- 4.4	4.5- 5.4	5.5- 6.4	6.5- 7.4	7.5- 8.4	8.5- 9.4	9.5- 10.4	10.5- 11.4	11.5- 12.4	12.5- 13.4	>13.4		
< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	0.1	0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	0.3	49
3.5 - 4.4	0.3	9.7	1.2	-	-	-	-	-	-	-	-	-	-	-	-	11.2	1798
4.5 - 5.4	0.6	23.4	14.4	0.3	-	-	-	-	-	-	-	-	-	-	-	38.7	6210
5.5 - 6.4	0.3	17.5	11.2	2.4	0.2	-	-	-	-	-	-	-	-	-	-	31.6	5074
6.5 - 7.4	0.1	7.4	4.0	1.3	0.4	-	-	-	-	-	-	-	-	-	-	13.2	2119
7.5 - 8.4	*	1.1	1.6	0.6	0.2	*	-	-	-	-	-	-	-	-	-	3.5	567
8.5 - 9.4	-	0.2	0.4	0.2	0.1	0.1	-	-	-	-	-	-	-	-	-	1.0	160
9.5 - 10.4	-	0.1	0.2	*	*	*	-	-	-	-	-	-	-	-	-	0.3	49
10.5 - 11.4	-	*	*	*	0.1	*	-	-	-	-	-	-	-	-	-	0.1	22
11.5 - 12.4	-	*	-	-	*	*	-	-	-	-	-	-	-	-	-	0.0	3
TOTAL %	1.3	59.6	33.1	4.8	1.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	213	9573	5309	774	159	23	0	0	0	0	0	0	0	0	0		16051

(* < 0.05%)

STATION: 41009

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

All Months: Annual

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4		
< 0.5	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	>13.4	0.0	13
0.5 - 1.4	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	0.1	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	0.6	1102
3.5 - 4.4	1.4	16.1	0.6	-	-	-	-	-	-	-	-	-	-	-	-	18.0	33558
4.5 - 5.4	2.0	27.0	8.4	0.2	-	-	-	-	-	-	-	-	-	-	-	37.7	70096
5.5 - 6.4	1.8	15.5	7.5	2.0	0.2	*	-	-	-	-	-	-	-	-	-	26.9	50075
6.5 - 7.4	0.7	6.6	2.9	1.1	0.5	0.1	*	-	-	-	-	-	-	-	-	11.8	21896
7.5 - 8.4	0.1	1.7	1.0	0.3	0.2	0.1	*	*	*	-	-	-	-	-	-	3.4	6334
8.5 - 9.4	*	0.4	0.4	0.1	*	*	*	*	*	*	-	-	-	-	-	1.1	1974
9.5 - 10.4	-	0.1	0.2	0.1	*	*	-	-	*	-	*	-	-	-	-	0.3	576
10.5 - 11.4	-	*	*	*	*	*	-	-	-	-	-	-	-	-	-	0.1	181
11.5 - 12.4	-	*	*	*	*	*	-	-	-	-	-	-	-	-	-	0.1	120
12.5 - 13.4	-	*	*	*	*	*	-	-	-	-	-	-	-	-	-	0.0	72
13.5 - 14.4	-	*	*	*	*	*	-	-	-	-	-	-	-	-	-	0.0	27
14.5 - 15.4	-	-	*	*	*	*	-	-	-	-	-	-	-	-	-	0.0	17
15.5 - 16.4	-	-	-	-	-	-	*	-	-	-	-	-	-	-	-	0.0	1
TOTAL %	6.0	67.9	21.1	3.9	0.9	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	11120	126314	39232	7238	1741	311	50	22	9	4	1	0	0	0	0		186042

(* < 0.05%)

STATION: 41009

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	>13.4	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	*	0.3	-	-	-	-	-	-	-	-	-	-	-	-	-	0.3	138
3.5 - 4.4	0.3	11.0	1.0	-	-	-	-	-	-	-	-	-	-	-	-	12.3	5745
4.5 - 5.4	0.5	24.3	13.7	0.3	-	-	-	-	-	-	-	-	-	-	-	38.9	18152
5.5 - 6.4	0.3	15.3	11.7	2.6	0.3	*	-	-	-	-	-	-	-	-	-	30.2	14109
6.5 - 7.4	0.2	7.1	4.2	1.2	0.7	0.1	*	-	-	-	-	-	-	-	-	13.4	6278
7.5 - 8.4	*	1.8	1.5	0.4	0.1	0.1	*	-	-	-	-	-	-	-	-	3.9	1826
8.5 - 9.4	-	0.3	0.3	0.1	*	*	*	-	-	-	-	-	-	-	-	0.7	342
9.5 - 10.4	-	*	0.1	*	*	*	-	-	-	-	-	-	-	-	-	0.1	69
10.5 - 11.4	-	*	*	*	*	*	-	-	-	-	-	-	-	-	-	0.0	22
11.5 - 12.4	-	*	-	-	*	*	-	-	-	-	-	-	-	-	-	0.0	3
TOTAL %	1.4	60.1	32.4	4.7	1.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	634	28045	15137	2193	547	107	21	0	0	0	0	0	0	0	0		46684

(* < 0.05%)

STATION: 41009

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	>13.4	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	0.2	0.6	-	-	-	-	-	-	-	-	-	-	-	-	-	0.7	340
3.5 - 4.4	1.5	20.1	0.5	-	-	-	-	-	-	-	-	-	-	-	-	22.1	10103
4.5 - 5.4	1.6	29.3	7.8	0.2	-	-	-	-	-	-	-	-	-	-	-	39.0	17782
5.5 - 6.4	1.1	14.7	6.9	1.6	*	-	-	-	-	-	-	-	-	-	-	24.4	11136
6.5 - 7.4	0.4	6.0	2.4	0.9	0.4	*	-	-	-	-	-	-	-	-	-	10.0	4561
7.5 - 8.4	*	1.4	0.7	0.1	0.1	0.1	*	-	-	-	-	-	-	-	-	2.6	1169
8.5 - 9.4	-	0.3	0.5	0.1	*	*	*	-	-	-	-	-	-	-	-	1.0	460
9.5 - 10.4	-	*	0.1	*	*	*	-	-	-	-	-	-	-	-	-	0.1	59
10.5 - 11.4	-	*	*	-	-	-	-	-	-	-	-	-	-	-	-	0.0	7
11.5 - 12.4	-	-	*	-	-	-	-	-	-	-	-	-	-	-	-	0.0	1
TOTAL %	4.7	72.6	18.9	3.0	0.6	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	2154	33103	8632	1358	270	80	11	10	0	0	0	0	0	0	0		45618

(* < 0.05%)

STATION: 41009

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	>13.4	0.0	13
0.5 - 1.4	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	13

1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	-	-	-	-	0.2	-	-	-	-	-	-	0.1	0.3	3
3.5 - 4.4	0.3	-	0.2	0.3	0.3	1.4	0.3	0.1	0.1	0.2	0.6	0.9	4.5	54	
4.5 - 5.4	0.8	-	0.2	0.3	1.9	4.1	0.2	-	-	0.1	0.3	1.9	9.7	115	
5.5 - 6.4	2.7	0.3	1.0	2.1	1.0	1.5	-	-	-	-	-	1.8	10.4	124	
6.5 - 7.4	2.9	2.4	1.8	3.6	-	-	-	-	-	-	-	0.6	11.3	134	
7.5 - 8.4	1.9	7.1	3.1	8.3	0.1	-	-	-	-	-	-	-	20.6	244	
8.5 - 9.4	0.3	1.9	7.9	9.5	-	-	-	-	-	-	-	-	19.7	234	
9.5 - 10.4	-	0.9	7.3	7.7	-	-	-	-	-	-	-	-	15.9	189	
10.5 - 11.4	-	-	2.9	3.6	-	-	-	-	-	-	-	-	6.5	77	
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0	
12.5 - 13.4	-	0.3	0.1	0.7	-	-	-	-	-	-	-	-	1.0	12	
13.5 - 14.4	-	-	0.1	-	-	-	-	-	-	-	-	-	0.1	1	
TOTAL %	8.9	12.9	24.5	36.1	3.3	7.2	0.5	0.1	0.1	0.3	0.8	5.3	100.0		
TOTAL N	106	153	291	428	39	86	6	1	1	3	10	63		1187	

(* < 0.05%)

STATION: 41009

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

Month: MAR

WAVE PERIOD	MEAN WAVE DIRECTION												TOT %	TOT N
	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	0.1	0.1	0.1	-	0.4	0.2	0.4	0.7	0.2	0.9	0.5	0.1	3.8	79
3.5 - 4.4	0.4	0.1	0.1	0.3	0.4	1.0	0.9	0.2	1.0	1.0	1.2	1.7	8.4	176
4.5 - 5.4	1.0	0.4	0.7	0.6	1.1	1.0	0.1	-	0.2	0.3	0.2	2.9	8.5	178
5.5 - 6.4	2.1	2.2	1.5	1.7	0.6	0.8	-	0.1	0.1	0.1	*	1.6	10.8	226
6.5 - 7.4	1.4	1.2	3.7	3.6	0.3	0.8	-	*	0.2	0.1	*	1.3	12.7	266
7.5 - 8.4	1.0	3.5	5.3	6.6	0.1	0.6	-	-	-	-	0.1	0.4	17.6	369
8.5 - 9.4	0.3	1.6	5.1	6.4	-	-	-	-	-	-	-	-	13.4	282
9.5 - 10.4	0.1	1.1	6.4	2.4	-	-	-	-	-	-	-	-	10.0	210
10.5 - 11.4	-	0.2	7.4	0.9	-	-	-	-	-	-	-	-	8.5	178
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	*	2.6	-	-	-	-	-	-	-	-	-	2.6	55
13.5 - 14.4	-	0.6	2.7	0.3	-	-	-	-	-	-	-	-	3.6	75
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	-	0.1	-	-	-	-	-	-	-	-	-	0.1	3
TOTAL %	6.4	11.1	35.8	22.7	3.0	4.5	1.3	1.0	1.8	2.4	2.1	7.9	100.0	
TOTAL N	134	233	751	476	62	94	28	21	37	50	45	166		2097

(* < 0.05%)

STATION: 41009

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

Month: APR

WAVE PERIOD	MEAN WAVE DIRECTION												TOT %	TOT N
	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	0.1	-	0.2	0.1	1.0	1.0	0.7	0.1	0.2	0.2	-	0.1	3.4	68
3.5 - 4.4	0.2	-	0.1	0.4	0.8	1.6	0.3	0.2	0.5	0.5	0.6	0.5	5.4	108
4.5 - 5.4	0.4	0.1	0.6	2.0	1.3	1.1	-	-	0.1	0.1	0.3	1.5	7.2	144
5.5 - 6.4	0.7	1.2	1.8	4.2	1.2	0.5	0.1	-	-	-	-	1.9	11.5	230
6.5 - 7.4	0.9	4.0	3.6	5.5	0.6	0.2	-	-	-	-	-	0.3	14.9	298
7.5 - 8.4	1.3	3.0	9.6	9.2	0.1	-	-	-	-	-	-	0.1	23.2	463
8.5 - 9.4	0.6	1.4	5.2	6.9	-	-	-	-	-	-	-	-	13.9	278
9.5 - 10.4	0.2	1.0	2.7	1.9	-	-	-	-	-	-	-	-	5.7	113
10.5 - 11.4	-	0.6	2.4	2.1	-	-	-	-	-	-	-	-	5.1	101
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	0.4	5.2	0.9	-	-	-	-	-	-	-	-	6.4	128
13.5 - 14.4	-	-	3.2	0.1	-	-	-	-	-	-	-	-	3.3	65
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	-	0.1	-	-	-	-	-	-	-	-	-	0.1	1
TOTAL %	4.2	11.5	34.4	33.0	4.9	4.3	1.0	0.3	0.7	0.7	0.9	4.3	100.0	
TOTAL N	83	230	687	659	97	85	20	5	14	14	17	86		1997

(* < 0.05%)

STATION: 41009

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

Month: MAY

MEAN WAVE DIRECTION

0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	-	*	0.1	0.4	0.3	0.5	*	0.1	0.1	-	-	-	1.6	36
3.5 - 4.4	-	-	*	0.2	0.3	0.8	1.2	0.1	0.3	0.1	-	-	-	3.1	67
4.5 - 5.4	-	0.1	-	0.9	0.4	0.8	0.8	-	-	-	-	-	-	3.0	65
5.5 - 6.4	-	0.1	0.7	2.2	0.1	0.7	-	-	-	-	-	-	-	3.7	82
6.5 - 7.4	0.1	1.2	2.6	5.3	0.3	0.3	-	-	-	-	-	-	-	9.8	215
7.5 - 8.4	*	1.4	8.3	21.5	1.0	0.1	-	-	-	-	-	-	-	32.3	708
8.5 - 9.4	-	1.2	4.3	9.7	0.1	-	-	-	-	-	-	-	-	15.3	336
9.5 - 10.4	*	0.5	3.7	4.9	-	-	-	-	-	-	-	-	-	9.1	199
10.5 - 11.4	-	0.2	5.1	3.5	-	-	-	-	-	-	-	-	-	8.8	193
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	0.4	2.7	4.0	0.4	-	-	-	-	-	-	-	-	7.5	164
13.5 - 14.4	-	0.7	1.9	2.6	0.1	-	-	-	-	-	-	-	-	5.3	116
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	-	-	0.4	-	-	-	-	-	-	-	-	-	0.4	8
TOTAL %	0.2	5.8	29.4	55.4	3.0	3.0	2.5	0.2	0.4	0.2	0.0	0.0	100.0		
TOTAL N	4	127	643	1212	65	66	54	4	9	5	0	0			2189

(* < 0.05%)

STATION: 41009

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

Month: SEP

WAVE PERIOD	MEAN WAVE DIRECTION												TOT %	TOT N	
	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34			
< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	-	0.1	0.1	0.1	0.1	-	-	-	-	-	0.1	-	0.4	7
3.5 - 4.4	0.2	-	0.3	0.4	1.1	0.3	0.3	-	0.1	0.1	-	0.2	-	2.9	53
4.5 - 5.4	0.6	0.1	0.9	1.4	0.8	0.1	-	-	-	-	-	0.6	-	4.4	82
5.5 - 6.4	0.4	0.9	0.9	1.6	-	-	-	-	-	-	-	-	-	3.8	71
6.5 - 7.4	-	1.9	3.0	3.9	-	-	-	-	-	-	-	-	-	8.8	162
7.5 - 8.4	-	1.8	12.1	11.7	0.1	-	-	-	-	-	-	-	-	25.7	475
8.5 - 9.4	-	1.1	6.4	7.3	-	-	-	-	-	-	-	-	-	14.8	274
9.5 - 10.4	-	1.5	7.5	5.1	-	-	-	-	-	-	-	-	-	14.0	260
10.5 - 11.4	-	1.1	7.3	4.8	0.2	-	-	-	-	-	-	-	-	13.4	248
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	0.5	2.2	2.5	0.1	-	-	-	-	-	-	-	-	5.3	99
13.5 - 14.4	-	-	1.4	3.7	0.1	-	-	-	-	-	-	-	-	5.1	95
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	-	-	1.4	-	-	-	-	-	-	-	-	-	1.4	25
TOTAL %	1.2	8.9	41.8	43.8	2.5	0.5	0.3	0.0	0.1	0.1	0.0	0.8	100.0		
TOTAL N	23	164	774	810	47	9	6	0	1	2	0	15			1851

(* < 0.05%)

STATION: 41009

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

Month: OCT

WAVE PERIOD	MEAN WAVE DIRECTION												TOT %	TOT N	
	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34			
< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	*	-	-	-	-	0.2	-	0.1	*	*	-	-	-	0.5	10
3.5 - 4.4	0.1	-	-	0.1	0.2	0.3	0.2	0.5	0.1	*	*	0.1	-	1.7	36
4.5 - 5.4	0.1	*	0.3	1.6	0.8	1.4	0.7	-	-	*	*	0.3	-	5.5	118
5.5 - 6.4	0.5	0.1	2.0	1.1	1.3	1.0	0.7	-	-	-	0.1	0.7	-	7.5	163
6.5 - 7.4	0.9	0.8	5.6	6.1	0.6	-	-	-	-	-	-	0.5	-	14.5	312
7.5 - 8.4	0.6	3.1	14.1	10.0	1.3	-	-	-	-	-	-	-	-	29.0	626
8.5 - 9.4	0.1	2.8	9.4	4.9	0.7	-	-	-	-	-	-	-	-	17.9	387
9.5 - 10.4	*	3.1	7.4	0.6	0.5	-	-	-	-	-	-	-	-	11.5	249
10.5 - 11.4	-	0.9	3.8	0.4	0.8	-	-	-	-	-	-	-	-	5.9	127
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	0.5	3.2	0.4	0.2	-	-	-	-	-	-	-	-	4.3	93
13.5 - 14.4	-	-	1.6	*	-	-	-	-	-	-	-	-	-	1.7	36
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	-	0.1	-	-	-	-	-	-	-	-	-	-	0.1	2
TOTAL %	2.5	11.2	47.5	25.2	6.3	2.9	1.7	0.6	0.1	0.1	0.2	1.6	100.0		
TOTAL N	53	242	1026	543	137	63	36	14	3	3	4	35			2159

(* < 0.05%)

STATION: 41009

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

Month: NOV

WAVE PERIOD	MEAN WAVE DIRECTION												TOT %	TOT N
	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	-	-	-	-	0.1	0.1	0.2	0.1	-	-	0.1	0.5	9
3.5 - 4.4	0.1	-	-	0.2	0.2	0.4	0.6	0.2	-	0.1	0.1	0.9	2.7	47
4.5 - 5.4	0.5	0.1	0.1	0.2	0.8	0.3	0.2	-	-	-	0.1	2.4	4.8	83
5.5 - 6.4	2.6	0.6	2.2	1.4	0.2	-	-	-	-	-	0.1	3.4	10.5	182
6.5 - 7.4	2.7	3.5	3.2	4.5	0.1	-	-	-	-	-	-	0.7	14.7	255
7.5 - 8.4	1.5	6.2	9.7	7.2	-	-	-	-	-	-	-	0.3	24.9	432
8.5 - 9.4	0.7	0.9	7.0	7.6	-	-	-	-	-	-	-	-	16.2	282
9.5 - 10.4	0.2	1.0	8.4	3.9	-	-	-	-	-	-	-	-	13.5	234
10.5 - 11.4	-	0.7	4.8	2.6	-	-	-	-	-	-	-	-	8.1	141
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	0.6	2.4	1.0	-	-	-	-	-	-	-	-	4.0	69
13.5 - 14.4	-	-	0.2	-	-	-	-	-	-	-	-	-	0.2	4
TOTAL %	8.3	13.7	38.0	28.6	1.3	0.8	0.9	0.3	0.1	0.1	0.2	7.8	100.0	
TOTAL N	145	238	660	497	22	14	16	6	1	1	3	135		1738

(* < 0.05%)

STATION: 41009

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

Month: DEC

WAVE PERIOD	MEAN WAVE DIRECTION												TOT %	TOT N
	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	-	-	-	0.1	-	-	0.1	0.1	0.1	0.1	0.1	0.6	9
3.5 - 4.4	0.1	-	-	0.1	0.5	-	0.5	0.1	0.6	0.9	0.3	0.9	4.0	57
4.5 - 5.4	1.2	-	0.4	1.2	1.0	0.6	0.4	0.2	-	-	0.1	3.6	8.7	124
5.5 - 6.4	3.2	0.9	0.5	0.3	0.3	0.6	0.4	-	-	-	0.1	5.5	11.8	168
6.5 - 7.4	6.4	2.6	2.5	2.8	1.1	-	-	-	-	-	-	2.9	18.3	261
7.5 - 8.4	3.2	6.9	5.7	5.1	0.7	-	-	-	-	-	-	0.1	21.8	311
8.5 - 9.4	0.1	1.5	3.9	3.8	-	-	-	-	-	-	-	-	9.3	133
9.5 - 10.4	-	3.2	6.4	3.1	-	-	-	-	-	-	-	-	12.7	181
10.5 - 11.4	-	0.7	3.5	1.1	-	-	-	-	-	-	-	-	5.3	76
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	0.1	2.3	0.4	-	-	-	-	-	-	-	-	2.8	40
13.5 - 14.4	-	0.1	3.6	0.2	-	-	-	-	-	-	-	-	4.0	57
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	-	0.7	-	-	-	-	-	-	-	-	-	0.7	10
TOTAL %	14.3	16.0	29.6	18.1	3.7	1.2	1.3	0.4	0.7	1.1	0.5	13.1	100.0	
TOTAL N	204	229	422	259	53	17	18	6	10	15	7	187		1427

(* < 0.05%)

STATION: 41009

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

All Months: Annual

WAVE PERIOD	MEAN WAVE DIRECTION												TOT %	TOT N
	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	*	*	*	0.1	0.2	0.5	0.5	0.3	0.1	0.2	0.1	0.1	2.2	441
3.5 - 4.4	0.1	*	0.1	0.2	0.5	1.2	1.1	0.3	0.3	0.3	0.3	0.6	4.9	976
4.5 - 5.4	0.4	0.1	0.4	1.1	1.0	1.2	0.4	*	*	0.1	0.1	1.2	6.2	1235
5.5 - 6.4	1.2	0.8	1.1	1.9	0.6	0.5	0.1	*	*	*	*	1.5	7.8	1560
6.5 - 7.4	1.4	1.9	3.5	4.8	0.3	0.1	-	*	*	*	*	0.5	12.6	2524
7.5 - 8.4	0.8	3.3	8.4	13.9	0.4	0.1	-	-	-	-	*	0.1	27.0	5428
8.5 - 9.4	0.2	1.3	5.6	8.2	0.2	-	-	-	-	-	*	-	15.5	3112
9.5 - 10.4	0.1	1.2	5.2	3.8	0.1	-	-	-	-	-	-	-	10.3	2065
10.5 - 11.4	-	0.4	4.2	2.2	0.1	-	-	-	-	-	-	-	6.9	1385
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	0.3	2.7	1.0	0.1	-	-	-	-	-	*	-	4.0	807
13.5 - 14.4	-	0.1	1.5	0.7	*	-	-	-	-	-	-	-	2.4	489
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	-	0.1	0.2	-	-	-	-	-	-	-	-	0.3	51
TOTAL %	4.4	9.5	32.7	38.1	3.5	3.6	2.1	0.6	0.5	0.6	0.5	4.0	100.0	
TOTAL N	876	1907	6560	7652	707	715	426	120	96	116	104	794		20073

(* < 0.05%)

STATION: 41009

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

Months: DEC, JAN, FEB (Winter)

WAVE PERIOD	MEAN WAVE DIRECTION												TOT %	TOT N	
	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34			
< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	-	-	-	0.1	0.1	*	0.1	*	0.1	*	0.1	-	0.4	14
3.5 - 4.4	0.1	-	0.1	0.2	0.4	0.7	0.5	0.1	0.3	0.5	0.4	0.8	-	3.8	126
4.5 - 5.4	0.8	0.1	0.3	0.8	1.3	1.8	0.3	0.2	*	0.2	0.1	2.7	-	8.5	284
5.5 - 6.4	3.0	0.5	0.6	1.3	0.5	0.8	0.2	-	0.1	0.1	*	4.4	-	11.4	380
6.5 - 7.4	5.0	2.4	1.8	3.7	0.5	-	-	-	-	-	-	1.6	-	14.9	496
7.5 - 8.4	2.2	6.9	4.7	7.4	0.3	-	-	-	-	-	-	*	-	21.5	714
8.5 - 9.4	0.2	1.9	5.8	7.8	-	-	-	-	-	-	-	-	-	15.7	523
9.5 - 10.4	-	1.8	6.5	6.2	-	-	-	-	-	-	-	-	-	14.5	484
10.5 - 11.4	-	0.3	2.6	2.6	-	-	-	-	-	-	-	-	-	5.5	182
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	0.1	1.1	0.4	-	-	-	-	-	-	-	-	-	1.7	56
13.5 - 14.4	-	0.1	1.6	0.1	-	-	-	-	-	-	-	-	-	1.7	58
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	-	0.3	-	-	-	-	-	-	-	-	-	-	0.3	10
TOTAL %	11.4	14.0	25.4	30.3	3.1	3.4	1.0	0.3	0.4	0.8	0.5	9.5	100.0		
TOTAL N	379	467	845	1007	103	112	32	10	14	25	18	315		3327	

(* < 0.05%)

STATION: 41009

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

Months: MAR, APR, MAY (Spring)

WAVE PERIOD	MEAN WAVE DIRECTION												TOT %	TOT N	
	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34			
< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	0.1	0.1	0.1	0.1	0.5	0.7	0.4	0.5	0.1	0.4	0.3	0.2	-	3.4	189
3.5 - 4.4	0.2	0.1	0.1	0.4	0.5	1.5	0.7	0.2	0.6	0.6	0.7	1.0	-	6.5	362
4.5 - 5.4	0.6	0.2	0.6	1.3	1.0	1.3	0.1	-	0.1	0.1	0.2	1.6	-	7.2	399
5.5 - 6.4	1.3	1.6	1.3	2.2	0.7	0.5	*	*	*	*	*	1.4	-	9.1	506
6.5 - 7.4	1.0	2.3	4.7	3.8	0.3	0.3	-	*	0.1	*	*	0.6	-	13.2	733
7.5 - 8.4	1.0	3.5	8.0	10.1	0.1	0.2	-	-	-	-	*	0.2	-	23.0	1277
8.5 - 9.4	0.3	1.4	5.5	6.9	*	-	-	-	-	-	*	-	-	14.2	790
9.5 - 10.4	0.1	1.0	4.7	2.0	-	-	-	-	-	-	-	-	-	7.8	435
10.5 - 11.4	-	0.4	5.3	1.1	-	-	-	-	-	-	-	-	-	6.8	377
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	0.2	4.6	0.5	-	-	-	-	-	-	*	-	-	5.2	290
13.5 - 14.4	-	0.2	2.7	0.4	-	-	-	-	-	-	-	-	-	3.2	180
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	-	0.1	*	-	-	-	-	-	-	-	-	-	0.1	6
TOTAL %	4.5	10.9	37.7	28.8	3.2	4.6	1.2	0.7	0.9	1.2	1.2	5.0	100.0		
TOTAL N	252	604	2090	1596	176	253	68	39	52	67	69	278		5544	

(* < 0.05%)

STATION: 41009

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

Months: JUN, JUL, AUG (Summer)

WAVE PERIOD	MEAN WAVE DIRECTION												TOT %	TOT N	
	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34			
< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	*	*	*	0.2	0.3	0.9	1.4	0.3	0.3	0.2	0.1	0.1	-	3.9	212
3.5 - 4.4	0.1	0.1	0.1	0.2	0.5	1.9	2.6	0.6	0.1	0.1	0.1	0.2	-	6.5	352
4.5 - 5.4	0.1	0.1	0.1	1.1	1.1	1.4	0.9	*	-	-	-	*	-	4.9	269
5.5 - 6.4	0.1	0.3	0.6	2.6	0.7	0.4	-	-	-	-	-	*	-	4.7	258
6.5 - 7.4	0.1	0.9	2.6	6.3	0.4	0.1	-	-	-	-	-	-	-	10.4	566
7.5 - 8.4	*	0.7	7.3	26.2	0.6	0.1	-	-	-	-	-	-	-	34.9	1904
8.5 - 9.4	-	0.6	3.2	11.6	0.3	-	-	-	-	-	-	-	-	15.7	856
9.5 - 10.4	*	0.4	2.2	4.8	*	-	-	-	-	-	-	-	-	7.4	403
10.5 - 11.4	-	0.1	2.8	2.7	*	-	-	-	-	-	-	-	-	5.7	310
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	0.1	1.6	1.7	0.1	-	-	-	-	-	-	-	-	3.7	200
13.5 - 14.4	-	0.3	0.8	1.0	0.1	-	-	-	-	-	-	-	-	2.1	116
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	-	-	0.1	-	-	-	-	-	-	-	-	-	0.1	8

TOTAL %	0.4	3.5	21.4	58.7	4.1	4.8	4.9	0.9	0.5	0.3	0.2	0.3	100.0	
TOTAL N	24	192	1165	3199	222	264	268	51	25	18	10	16		5454

(* < 0.05%)

STATION: 41009

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

Months: SEP, OCT, NOV (Autumn)

WAVE PERIOD	MEAN WAVE DIRECTION												TOT %	TOT N
	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	*	-	*	*	*	0.1	*	0.1	*	*	-	0.1	0.5	26
3.5 - 4.4	0.1	-	0.1	0.2	0.5	0.3	0.3	0.2	0.1	0.1	*	0.4	2.4	136
4.5 - 5.4	0.4	0.1	0.4	1.1	0.8	0.7	0.3	-	-	*	*	1.0	4.9	283
5.5 - 6.4	1.1	0.5	1.7	1.3	0.6	0.4	0.3	-	-	-	0.1	1.3	7.2	416
6.5 - 7.4	1.1	2.0	4.0	4.9	0.2	-	-	-	-	-	-	0.4	12.7	729
7.5 - 8.4	0.7	3.6	12.1	9.7	0.5	-	-	-	-	-	-	0.1	26.7	1533
8.5 - 9.4	0.3	1.7	7.7	6.5	0.3	-	-	-	-	-	-	-	16.4	943
9.5 - 10.4	0.1	1.9	7.7	3.0	0.2	-	-	-	-	-	-	-	12.9	743
10.5 - 11.4	-	0.9	5.2	2.5	0.4	-	-	-	-	-	-	-	9.0	516
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	0.5	2.6	1.3	0.1	-	-	-	-	-	-	-	4.5	261
13.5 - 14.4	-	-	1.1	1.2	*	-	-	-	-	-	-	-	2.3	135
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	-	*	0.4	-	-	-	-	-	-	-	-	0.5	27
TOTAL %	3.8	11.2	42.8	32.2	3.6	1.5	1.0	0.3	0.1	0.1	0.1	3.2	100.0	
TOTAL N	221	644	2460	1850	206	86	58	20	5	6	7	185		5748

(* < 0.05%)

STATION: 41009

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

Month: JAN

WAVE HEIGHT	MEAN WAVE DIRECTION												TOT %	TOT N
	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	3.5	2.9	4.3	27.9	1.4	1.0	1.0	-	-	0.1	0.1	4.5	46.8	334
1.5 - 2.4	5.6	8.6	9.7	15.4	0.1	0.3	0.1	0.4	0.4	0.8	-	4.5	46.0	328
2.5 - 3.4	0.6	0.4	4.5	1.5	-	-	-	-	-	-	-	0.1	7.2	51
TOTAL %	9.7	11.9	18.5	44.9	1.5	1.3	1.1	0.4	0.4	1.0	0.1	9.1	100.0	
TOTAL N	69	85	132	320	11	9	8	3	3	7	1	65		713

(* < 0.05%)

STATION: 41009

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

Month: FEB

WAVE HEIGHT	MEAN WAVE DIRECTION												TOT %	TOT N
	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
< 0.5	-	-	0.1	1.6	0.3	0.5	-	-	-	-	-	-	2.4	29
0.5 - 1.4	4.7	6.9	17.7	27.5	2.5	5.2	0.4	0.1	0.1	0.2	0.7	3.0	69.0	819
1.5 - 2.4	4.1	6.0	5.8	2.7	0.4	1.5	0.1	-	-	0.1	0.2	2.2	23.1	274
2.5 - 3.4	0.1	-	0.9	1.9	0.1	-	-	-	-	-	-	0.1	3.0	36
3.5 - 4.4	-	-	-	1.2	-	-	-	-	-	-	-	-	1.2	14
4.5 - 5.4	-	-	-	0.8	-	-	-	-	-	-	-	-	0.8	9
5.5 - 6.4	-	-	-	0.5	-	-	-	-	-	-	-	-	0.5	6
TOTAL %	8.9	12.9	24.5	36.1	3.3	7.2	0.5	0.1	0.1	0.3	0.8	5.3	100.0	
TOTAL N	106	153	291	428	39	86	6	1	1	3	10	63		1187

(* < 0.05%)

STATION: 41009

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

Month: MAR

WAVE HEIGHT	MEAN WAVE DIRECTION												TOT %	TOT N
	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
< 0.5	1.8	1.8	4.3	2.9	0.2	0.3	0.1	0.4	-	0.4	0.4	0.6	13.3	279
0.5 - 1.4	2.8	5.2	15.2	10.1	1.7	2.0	1.1	0.4	1.3	1.6	1.5	4.5	47.4	993
1.5 - 2.4	1.3	3.1	13.6	8.2	0.5	1.3	0.1	-	0.3	0.3	0.1	2.1	31.1	652
2.5 - 3.4	0.4	0.9	1.5	1.5	0.5	0.9	-	0.1	-	-	*	0.7	6.5	136
3.5 - 4.4	*	-	1.0	-	-	-	-	*	0.2	0.1	0.1	-	1.4	30
4.5 - 5.4	-	0.2	0.1	-	-	-	-	-	-	-	-	-	0.3	7
TOTAL %	6.4	11.1	35.8	22.7	3.0	4.5	1.3	1.0	1.8	2.4	2.1	7.9	100.0	

TOTAL N 134 233 751 476 62 94 28 21 37 50 45 166 2097
 (* < 0.05%)

STATION: 41009

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

Month: APR

WAVE HEIGHT	MEAN WAVE DIRECTION												TOT %	TOT N
	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
< 0.5	-	0.4	2.3	0.9	0.1	-	-	-	-	-	-	-	3.6	72
0.5 - 1.4	3.2	8.4	23.7	24.6	3.2	3.5	0.9	0.3	0.7	0.7	0.8	3.2	72.9	1456
1.5 - 2.4	1.0	2.8	8.0	7.5	1.6	0.8	0.1	-	-	0.1	0.1	1.1	23.0	460
2.5 - 3.4	-	-	0.4	-	-	-	-	-	-	-	-	0.1	0.5	9
TOTAL %	4.2	11.5	34.4	33.0	4.9	4.3	1.0	0.3	0.7	0.7	0.9	4.3	100.0	
TOTAL N	83	230	687	659	97	85	20	5	14	14	17	86		1997

(* < 0.05%)

STATION: 41009

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

Month: MAY

WAVE HEIGHT	MEAN WAVE DIRECTION												TOT %	TOT N
	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
< 0.5	0.2	0.2	3.5	1.9	0.1	0.1	-	0.3	-	-	0.1	0.3	6.7	97
0.5 - 1.4	1.9	6.1	38.1	29.7	1.0	5.0	1.4	0.6	0.1	0.2	0.3	1.4	85.9	1246
1.5 - 2.4	0.3	2.6	3.2	0.2	0.1	-	-	-	-	-	-	-	6.6	95
2.5 - 3.4	-	0.8	0.1	-	-	-	-	-	-	-	-	-	0.8	12
TOTAL %	2.4	9.7	45.0	31.8	1.2	5.1	1.4	0.9	0.1	0.2	0.5	1.8	100.0	
TOTAL N	35	141	652	461	17	74	20	13	1	3	7	26		1450

(* < 0.05%)

STATION: 41009

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

Month: JUN

WAVE HEIGHT	MEAN WAVE DIRECTION												TOT %	TOT N
	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
< 0.5	0.2	0.6	4.8	11.8	0.2	0.1	1.0	0.3	0.1	-	-	0.1	19.1	273
0.5 - 1.4	1.0	2.9	16.1	35.1	6.6	3.3	6.3	1.2	0.9	0.4	0.3	0.9	75.0	1069
1.5 - 2.4	0.1	0.6	1.0	1.2	1.3	1.5	0.2	-	-	-	-	-	5.9	84
TOTAL %	1.3	4.1	21.9	48.0	8.1	4.9	7.5	1.5	1.0	0.4	0.3	1.0	100.0	
TOTAL N	18	58	313	685	116	70	107	21	14	6	4	14		1426

(* < 0.05%)

STATION: 41009

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

Month: JUL

WAVE HEIGHT	MEAN WAVE DIRECTION												TOT %	TOT N
	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
< 0.5	0.1	0.1	4.7	26.3	0.3	1.3	1.5	0.2	0.1	0.1	0.1	0.1	34.9	642
0.5 - 1.4	-	0.3	6.4	43.0	1.9	5.7	4.3	1.2	-	0.3	0.2	0.1	63.3	1165
1.5 - 2.4	-	-	0.2	1.5	-	-	-	-	-	-	-	-	1.7	31
2.5 - 3.4	-	-	-	0.1	-	-	-	-	-	-	-	-	0.1	1
TOTAL %	0.1	0.4	11.4	70.8	2.2	7.0	5.8	1.4	0.1	0.4	0.3	0.1	100.0	
TOTAL N	2	7	209	1302	41	128	107	26	2	7	6	2		1839

(* < 0.05%)

STATION: 41009

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

Month: AUG

WAVE HEIGHT	MEAN WAVE DIRECTION												TOT %	TOT N
	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
< 0.5	-	0.1	5.1	5.3	0.1	0.2	0.1	*	*	-	-	-	11.1	243
0.5 - 1.4	0.1	5.1	20.5	43.0	1.8	1.2	2.1	0.1	0.4	0.2	-	-	74.6	1632
1.5 - 2.4	*	0.6	3.7	5.1	0.3	1.2	0.2	-	-	-	-	-	11.2	246
2.5 - 3.4	-	-	0.1	1.0	0.6	0.3	-	-	-	-	-	-	2.1	45
3.5 - 4.4	-	-	-	0.5	0.1	*	-	-	-	-	-	-	0.6	13
4.5 - 5.4	-	-	-	0.1	-	-	-	-	-	-	-	-	0.1	2
5.5 - 6.4	-	-	-	0.1	-	-	-	-	-	-	-	-	0.1	2
6.5 - 7.4	-	-	-	0.2	-	-	-	-	-	-	-	-	0.2	4
7.5 - 8.4	-	-	-	0.1	-	-	-	-	-	-	-	-	0.1	2
TOTAL %	0.2	5.8	29.4	55.4	3.0	3.0	2.5	0.2	0.4	0.2	0.0	0.0	100.0	

TOTAL N 4 127 643 1212 65 66 54 4 9 5 0 0 2189
 (* < 0.05%)

STATION: 41009

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

Month: SEP

MEAN WAVE DIRECTION

WAVE HEIGHT	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34	TOT %	TOT N
< 0.5	0.3	0.6	3.9	5.5	0.1	-	-	-	-	-	-	-	10.5	194
0.5 - 1.4	0.9	7.5	35.0	31.6	2.1	0.5	0.3	-	0.1	0.1	-	0.8	78.8	1458
1.5 - 2.4	0.1	0.8	2.6	5.3	0.3	-	-	-	-	-	-	-	9.1	168
2.5 - 3.4	-	-	0.3	0.8	-	-	-	-	-	-	-	-	1.0	19
3.5 - 4.4	-	-	-	0.5	-	-	-	-	-	-	-	-	0.5	9
4.5 - 5.4	-	-	-	0.2	-	-	-	-	-	-	-	-	0.2	3
TOTAL %	1.2	8.9	41.8	43.8	2.5	0.5	0.3	0.0	0.1	0.1	0.0	0.8	100.0	
TOTAL N	23	164	774	810	47	9	6	0	1	2	0	15		1851

(* < 0.05%)

STATION: 41009

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

Month: OCT

MEAN WAVE DIRECTION

WAVE HEIGHT	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34	TOT %	TOT N
< 0.5	-	-	*	0.6	-	-	-	-	-	-	-	-	0.6	13
0.5 - 1.4	1.1	4.1	25.8	20.3	4.8	1.9	0.4	0.6	0.1	0.1	*	0.1	59.4	1283
1.5 - 2.4	1.3	5.4	18.0	3.7	1.3	1.1	1.3	0.1	-	-	0.1	1.5	33.8	729
2.5 - 3.4	*	1.4	3.2	0.6	0.2	-	-	-	-	-	-	-	5.5	119
3.5 - 4.4	-	0.3	0.4	-	-	-	-	-	-	-	-	-	0.7	15
TOTAL %	2.5	11.2	47.5	25.2	6.3	2.9	1.7	0.6	0.1	0.1	0.2	1.6	100.0	
TOTAL N	53	242	1026	543	137	63	36	14	3	3	4	35		2159

(* < 0.05%)

STATION: 41009

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

Month: NOV

MEAN WAVE DIRECTION

WAVE HEIGHT	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34	TOT %	TOT N
< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	4.4	9.0	22.3	22.3	1.1	0.7	0.9	0.3	0.1	0.1	0.2	4.1	65.5	1139
1.5 - 2.4	3.9	4.1	8.7	3.3	0.2	0.1	-	-	-	-	-	3.6	23.9	416
2.5 - 3.4	0.1	0.3	5.0	0.4	-	-	-	-	-	-	-	0.1	5.8	101
3.5 - 4.4	-	0.3	1.8	1.5	-	-	-	-	-	-	-	-	3.6	63
4.5 - 5.4	-	-	0.1	0.8	-	-	-	-	-	-	-	-	0.9	15
5.5 - 6.4	-	-	-	0.2	-	-	-	-	-	-	-	-	0.2	4
TOTAL %	8.3	13.7	38.0	28.6	1.3	0.8	0.9	0.3	0.1	0.1	0.2	7.8	100.0	
TOTAL N	145	238	660	497	22	14	16	6	1	1	3	135		1738

(* < 0.05%)

STATION: 41009

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

Month: DEC

MEAN WAVE DIRECTION

WAVE HEIGHT	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34	TOT %	TOT N
< 0.5	-	0.4	0.6	1.6	0.1	-	-	-	-	-	-	-	2.7	38
0.5 - 1.4	9.3	12.5	17.9	13.0	1.8	0.8	0.7	0.4	0.6	1.0	0.5	7.7	66.2	945
1.5 - 2.4	4.6	2.5	8.8	3.1	1.8	0.4	0.6	-	0.1	0.1	-	5.2	27.1	387
2.5 - 3.4	0.4	0.6	2.2	0.4	-	-	-	-	-	-	-	0.2	3.9	55
3.5 - 4.4	-	-	0.1	-	-	-	-	-	-	-	-	-	0.1	2
TOTAL %	14.3	16.0	29.6	18.1	3.7	1.2	1.3	0.4	0.7	1.1	0.5	13.1	100.0	
TOTAL N	204	229	422	259	53	17	18	6	10	15	7	187		1427

(* < 0.05%)

STATION: 41009

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

All Months: Annual

MEAN WAVE DIRECTION

WAVE HEIGHT	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34	TOT %	TOT N
< 0.5	0.3	0.4	2.7	5.1	0.1	0.2	0.2	0.1	*	*	0.1	0.1	9.4	1880
0.5 - 1.4	2.5	5.9	21.1	27.3	2.5	2.5	1.6	0.4	0.4	0.4	0.4	2.3	67.4	13539
1.5 - 2.4	1.5	2.7	7.2	4.5	0.7	0.7	0.2	*	*	0.1	*	1.5	19.3	3870

2.5 - 3.4	0.1	0.4	1.4	0.6	0.1	0.1	-	*	-	-	*	0.1	2.9	584
3.5 - 4.4	*	0.1	0.3	0.3	*	*	-	*	*	*	*	-	0.7	146
4.5 - 5.4	-	*	*	0.1	-	-	-	-	-	-	-	-	0.2	36
5.5 - 6.4	-	-	-	0.1	-	-	-	-	-	-	-	-	0.1	12
6.5 - 7.4	-	-	-	*	-	-	-	-	-	-	-	-	0.0	4
7.5 - 8.4	-	-	-	*	-	-	-	-	-	-	-	-	0.0	2
TOTAL %	4.4	9.5	32.7	38.1	3.5	3.6	2.1	0.6	0.5	0.6	0.5	4.0	100.0	
TOTAL N	876	1907	6560	7652	707	715	426	120	96	116	104	794		20073

(* < 0.05%)

STATION: 41009

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

Months: DEC, JAN, FEB (Winter)

WAVE HEIGHT	MEAN WAVE DIRECTION												TOT %	TOT N
	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
< 0.5	-	0.2	0.3	1.3	0.1	0.2	-	-	-	-	-	-	2.0	67
0.5 - 1.4	6.4	8.5	14.9	21.4	2.0	2.4	0.7	0.2	0.3	0.5	0.5	5.4	63.1	2098
1.5 - 2.4	4.7	5.0	7.9	5.6	1.0	0.8	0.3	0.1	0.1	0.2	0.1	4.0	29.7	989
2.5 - 3.4	0.3	0.3	2.3	1.2	*	-	-	-	-	-	-	0.2	4.3	142
3.5 - 4.4	-	-	0.1	0.4	-	-	-	-	-	-	-	-	0.5	16
4.5 - 5.4	-	-	-	0.3	-	-	-	-	-	-	-	-	0.3	9
5.5 - 6.4	-	-	-	0.2	-	-	-	-	-	-	-	-	0.2	6
TOTAL %	11.4	14.0	25.4	30.3	3.1	3.4	1.0	0.3	0.4	0.8	0.5	9.5	100.0	
TOTAL N	379	467	845	1007	103	112	32	10	14	25	18	315		3327

(* < 0.05%)

STATION: 41009

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

Months: MAR, APR, MAY (Spring)

WAVE HEIGHT	MEAN WAVE DIRECTION												TOT %	TOT N
	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
< 0.5	0.7	0.9	3.4	1.9	0.1	0.1	0.1	0.2	-	0.1	0.2	0.3	8.1	448
0.5 - 1.4	2.7	6.6	24.3	20.5	2.0	3.3	1.1	0.4	0.8	0.9	0.9	3.2	66.6	3695
1.5 - 2.4	1.0	2.9	8.9	5.9	0.8	0.8	0.1	-	0.1	0.1	0.1	1.2	21.8	1207
2.5 - 3.4	0.1	0.5	0.7	0.6	0.2	0.3	-	*	-	-	*	0.3	2.8	157
3.5 - 4.4	*	-	0.4	-	-	-	-	*	0.1	*	*	-	0.5	30
4.5 - 5.4	-	0.1	0.1	-	-	-	-	-	-	-	-	-	0.1	7
TOTAL %	4.5	10.9	37.7	28.8	3.2	4.6	1.2	0.7	0.9	1.2	1.2	5.0	100.0	
TOTAL N	252	604	2090	1596	176	253	68	39	52	67	69	278		5544

(* < 0.05%)

STATION: 41009

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

Months: JUN, JUL, AUG (Summer)

WAVE HEIGHT	MEAN WAVE DIRECTION												TOT %	TOT N
	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
< 0.5	0.1	0.3	4.9	14.1	0.2	0.5	0.8	0.2	0.1	*	*	*	21.2	1158
0.5 - 1.4	0.3	2.9	14.6	40.9	3.1	3.3	3.9	0.8	0.4	0.3	0.1	0.3	70.9	3866
1.5 - 2.4	*	0.4	1.8	2.9	0.5	0.9	0.1	-	-	-	-	-	6.6	361
2.5 - 3.4	-	-	*	0.4	0.3	0.1	-	-	-	-	-	-	0.8	46
3.5 - 4.4	-	-	-	0.2	*	*	-	-	-	-	-	-	0.2	13
4.5 - 5.4	-	-	-	*	-	-	-	-	-	-	-	-	0.0	2
5.5 - 6.4	-	-	-	*	-	-	-	-	-	-	-	-	0.0	2
6.5 - 7.4	-	-	-	0.1	-	-	-	-	-	-	-	-	0.1	4
7.5 - 8.4	-	-	-	*	-	-	-	-	-	-	-	-	0.0	2
TOTAL %	0.4	3.5	21.4	58.7	4.1	4.8	4.9	0.9	0.5	0.3	0.2	0.3	100.0	
TOTAL N	24	192	1165	3199	222	264	268	51	25	18	10	16		5454

(* < 0.05%)

STATION: 41009

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

Months: SEP, OCT, NOV (Autumn)

WAVE HEIGHT	MEAN WAVE DIRECTION												TOT %	TOT N
	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
< 0.5	0.1	0.2	1.3	2.0	*	-	-	-	-	-	-	-	3.6	207
0.5 - 1.4	2.0	6.7	27.7	24.5	2.8	1.1	0.5	0.3	0.1	0.1	0.1	1.5	67.5	3880
1.5 - 2.4	1.7	3.5	10.2	4.1	0.6	0.4	0.5	*	-	-	0.1	1.7	22.8	1313
2.5 - 3.4	*	0.6	2.8	0.6	0.1	-	-	-	-	-	-	*	4.2	239
3.5 - 4.4	-	0.2	0.7	0.6	-	-	-	-	-	-	-	-	1.5	87
4.5 - 5.4	-	-	*	0.3	-	-	-	-	-	-	-	-	0.3	18
5.5 - 6.4	-	-	-	0.1	-	-	-	-	-	-	-	-	0.1	4
TOTAL %	3.8	11.2	42.8	32.2	3.6	1.5	1.0	0.3	0.1	0.1	0.1	3.2	100.0	
TOTAL N	221	644	2460	1850	206	86	58	20	5	6	7	185		5748

(* < 0.05%)

Summary complete: 09-Sep-2003 00:44:43