

STATION: DUCN7

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

ELEMENT: AIR TEMPERATURE (DEGREES C) -- POR: (5/1996 - 12/2001) (46477 RECORDS, 98.3% HAVE ELEMENT)

Table with 13 columns for months (JAN-DEC) and ANN, and two sub-columns for frequency (F) and cumulative percent (CPF). Rows include temperature values from 34 down to -9, MEAN, S.D., TOTAL, MAX, and DATE. Includes a note: (* < 0.05% , # = 100.0%)

STATION: DUCN7

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

ELEMENT: SEA TEMPERATURE (DEGREES C) -- POR: (12/1997 - 12/1997) (5 RECORDS, 0.0% HAVE ELEMENT)

Table with 13 columns for months (JAN-DEC) and ANN, and two sub-columns for frequency (F) and cumulative percent (CPF). Rows include values for 15, 14, 13, 12, 11, MEAN, S.D., TOTAL, MAX.

MAX	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	20.0	16.7	16.7	16.7	20.0
DATE	1998011014	2000020408	2000031200	2000041714	1998052710	1997061221	1997070516	1998082605	1998092020	1998102519	1996111813	1999121421	1998092020
MIN	0.0	2.9	2.8	0.0	0.0	2.8	2.6	0.0	2.6	2.6	2.9	2.6	0.0
DATE	1999012115	2000020810	1998030523	2000042714	2000052503	1998061002	1997071019	1998082904	1997090321	1998102623	1997111312	1997120911	2000052503

(* < 0.05% , # = 100.0%)

ELEMENT SUMMARY FOR STATION: DUCN7
 (A) TOTAL STD MET RECORDS READ = 47295
 (B) TOTAL CWIND RECORDS READ = 220787
 (C) TOTAL RECORDS USED IN STATS = 268082

	AIR TMP	SEA TMP	AIR-SEA	DEWPT	SLP	AVWS	PKGS-8M	PKGS-5S	SIGWVHT	AVWVPD	DWVPD	VSBY
(D) ELEMENT RECORDS AVAILABLE	46477	5	5	0	46508	45611	45571	35559	21859	21871	21852	0
(E) ELEMENT OUT OF RANGE	818	47290	47290	47295	787	1684	1724	185228	25436	25424	25443	47295

STATION: DUCN7 -- POR (5/1996 - 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
1996	MEAN	-	-	-	-	19.4	23.1	24.7	24.3	23.1	17.7	9.8	9.5	19.3
	MAXIMUM	-	-	-	-	32.4	30.0	31.2	30.3	29.6	26.3	24.5	19.4	32.4
	DAY-HR	-	-	-	-	20-20	22-20	31-21	24-21	10-19	30-20	08-16	29-21	MAY
	MINIMUM	-	-	-	-	12.3	15.6	20.4	21.9	16.7	10.1	2.5	-3.3	-3.3
	DAY-HR	-	-	-	-	15-09	01-05	04-11	03-22	19-12	19-12	28-10	20-13	DEC
	# OBS	-	-	-	-	405	712	822	787	714	733	588	733	5494
1997	MEAN	6.4	8.6	11.4	12.6	17.4	20.1	25.2	24.9	22.8	18.5	12.7	8.4	15.8
	MAXIMUM	19.4	22.2	24.4	24.8	29.3	31.3	33.2	33.4	30.1	26.4	20.4	18.3	33.4
	DAY-HR	05-18	27-18	29-21	07-21	19-20	22-19	28-21	17-21	20-20	10-20	02-21	25-09	AUG
	MINIMUM	-8.3	0.4	3.7	3.8	9.9	12.6	20.1	21.0	16.6	8.4	2.5	-0.7	-8.3
	DAY-HR	19-10	11-00	16-19	10-16	11-10	09-09	25-13	23-11	04-15	28-13	25-12	07-12	JAN
	# OBS	730	653	729	712	730	593	726	728	711	732	520	731	8295
1998	MEAN	9.2	9.0	10.2	14.7	18.9	24.0	25.9	25.4	23.8	18.6	12.0	13.8	17.7
	MAXIMUM	21.4	18.1	26.2	24.8	29.5	32.6	33.5	32.0	30.9	28.4	21.4	23.1	33.5
	DAY-HR	07-20	28-21	29-21	17-20	19-21	27-22	22-20	29-20	07-20	01-20	10-21	08-20	JUL
	MINIMUM	-2.4	2.5	-2.1	6.4	9.3	15.5	18.2	21.6	15.1	11.0	5.5	5.4	-2.4
	DAY-HR	01-13	01-11	12-15	05-15	15-13	08-10	05-16	28-06	09-12	23-03	07-11	17-23	JAN
	# OBS	705	662	698	681	710	686	716	774	705	732	238	336	7643
1999	MEAN	11.4	8.3	8.3	14.6	18.2	22.2	26.7	26.0	22.6	18.4	13.9	9.0	17.3
	MAXIMUM	21.4	20.2	21.5	28.1	28.7	30.1	33.4	32.9	28.1	26.2	21.5	19.7	33.4
	DAY-HR	23-19	12-21	18-20	22-21	30-19	27-19	06-22	01-18	07-20	10-20	10-19	14-14	JUL
	MINIMUM	2.8	-2.2	-0.4	7.2	10.0	17.6	19.4	20.8	14.0	7.8	6.1	-1.5	-2.2
	DAY-HR	31-15	22-15	08-14	06-01	01-00	19-12	11-18	31-19	23-10	24-12	04-11	25-10	FEB
	# OBS	407	659	718	717	742	719	738	732	715	673	167	591	7578
2000	MEAN	5.8	7.6	11.6	13.8	20.0	23.5	24.1	24.5	22.5	17.5	11.0	5.1	15.6
	MAXIMUM	20.9	21.1	24.8	23.8	31.8	31.3	31.0	32.0	28.1	28.0	21.5	20.1	32.0
	DAY-HR	03-20	25-20	08-20	07-22	13-22	18-20	10-21	07-20	24-22	06-19	10-00	17-11	AUG
	MINIMUM	-5.2	-0.1	3.3	6.0	12.9	14.4	18.6	19.0	14.1	7.0	-1.6	-4.5	-5.2
	DAY-HR	28-11	02-13	18-10	09-09	30-02	01-06	15-14	14-09	27-05	10-10	22-12	26-13	JAN
	# OBS	740	690	739	712	735	719	741	743	714	739	716	742	8730
2001	MEAN	5.3	7.7	8.4	13.9	18.3	23.6	24.4	25.5	22.0	17.4	15.0	12.0	16.2
	MAXIMUM	19.6	20.1	21.6	25.7	28.8	31.4	32.4	32.5	28.2	26.4	23.8	23.2	32.5
	DAY-HR	19-19	16-22	13-21	12-20	22-19	30-21	11-20	08-22	01-00	25-19	03-19	01-21	AUG
	MINIMUM	-3.3	-1.2	-1.2	4.6	12.3	17.8	19.9	20.8	13.2	6.9	8.2	0.0	-3.3
	DAY-HR	03-13	18-18	06-15	18-11	07-18	01-01	02-17	01-09	29-12	27-13	06-13	30-16	JAN
	# OBS	742	671	741	716	742	718	744	744	714	743	719	743	8737
POR	MEAN	7.2	8.2	10.0	13.9	18.6	22.8	25.2	25.1	22.8	18.0	12.3	9.2	16.8
	MAXIMUM	21.4	22.2	26.2	28.1	32.4	32.6	33.5	33.4	30.9	28.4	24.5	23.2	33.5
	YEAR	1999	1997	1998	1998	1996	1998	1998	1997	1998	1998	1996	2001	JUL/1998
	MINIMUM	-8.3	-2.2	-2.1	3.8	9.3	12.6	18.2	19.0	13.2	6.9	-1.6	-4.5	-8.3
	YEAR	1997	1999	1998	1997	1998	1997	1998	2000	2001	2001	2000	2000	JAN/1997
	# OBS	3324	3335	3625	3538	4064	4147	4487	4508	4273	4352	2948	3876	46477

STATION: DUCN7 -- POR (12/1997 - 12/1997)

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
1997	MEAN	-	-	-	-	-	-	-	-	-	-	-	12.2	12.2
	MAXIMUM	-	-	-	-	-	-	-	-	-	-	-	14.6	14.6
	DAY-HR	-	-	-	-	-	-	-	-	-	-	-	23-12	DEC
	MINIMUM	-	-	-	-	-	-	-	-	-	-	-	11.4	11.4
	DAY-HR	-	-	-	-	-	-	-	-	-	-	-	23-15	DEC
	# OBS	-	-	-	-	-	-	-	-	-	-	-	5	5
POR	MEAN	-	-	-	-	-	-	-	-	-	-	-	12.2	12.2
	MAXIMUM	-	-	-	-	-	-	-	-	-	-	-	14.6	14.6
	YEAR	-	-	-	-	-	-	-	-	-	-	-	1997	DEC/1997
	MINIMUM	-	-	-	-	-	-	-	-	-	-	-	11.4	11.4
	YEAR	-	-	-	-	-	-	-	-	-	-	-	1997	DEC/1997
	# OBS	-	-	-	-	-	-	-	-	-	-	-	5	5

STATION: DUCN7 -- POR (5/1996 - 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
1996	MEAN	-	-	-	-	1016.3	1017.9	1016.0	1019.7	1015.5	1019.2	1024.5	1020.5	1018.7
	MAXIMUM	-	-	-	-	1031.2	1030.2	1026.2	1028.0	1029.1	1033.2	1041.9	1036.8	1041.9
	DAY-HR	-	-	-	-	15-14	01-16	11-16	20-17	27-15	05-16	16-15	21-16	NOV
	MINIMUM	-	-	-	-	1005.3	1008.3	1004.4	1010.8	1004.4	989.1	1004.6	1000.1	989.1
	DAY-HR	-	-	-	-	21-21	20-08	03-07	13-14	17-19	08-19	09-04	07-22	OCT
	# OBS	-	-	-	-	405	712	787	787	714	733	588	733	5459
1997	MEAN	1020.5	1024.2	1019.6	1015.3	1017.0	1015.9	1016.9	1017.8	1016.9	1019.6	1015.1	1014.8	1017.8
	MAXIMUM	1037.2	1038.8	1035.8	1030.3	1030.6	1024.1	1025.1	1026.2	1027.2	1029.4	1032.0	1028.2	1038.8
	DAY-HR	27-11	18-03	09-16	11-15	28-17	10-13	31-17	09-15	22-15	09-14	05-15	22-03	FEB
	MINIMUM	999.2	1010.3	999.7	994.4	1003.0	1005.8	1007.5	1009.1	1002.0	1003.3	993.6	991.5	991.5
	DAY-HR	10-04	01-09	22-19	24-08	01-22	13-21	03-21	21-08	29-08	27-21	30-23	29-21	DEC
	# OBS	730	653	734	711	730	593	727	728	711	732	520	731	8300
1998	MEAN	1020.1	1014.0	1019.2	1015.7	1013.4	1013.9	1016.6	1017.7	1016.1	1021.8	1020.2	1021.2	1017.2
	MAXIMUM	1039.3	1034.6	1037.6	1031.2	1021.4	1025.5	1021.5	1027.1	1025.3	1031.2	1029.6	1033.6	1039.3
	DAY-HR	01-15	15-16	25-16	29-15	15-15	09-17	14-16	21-15	24-15	24-15	08-14	12-15	JAN
	MINIMUM	993.1	986.7	995.3	991.9	997.7	1001.2	1004.9	993.5	1003.7	1008.6	1010.7	1008.0	986.7
	DAY-HR	28-19	04-22	21-20	09-20	08-20	15-22	01-00	28-01	08-10	01-22	04-09	16-13	FEB
	# OBS	705	662	698	682	710	686	718	774	705	732	238	336	7646
1999	MEAN	1023.6	1020.2	1017.8	1017.0	1017.6	1019.8	1018.0	1015.4	1015.7	1021.5	1025.0	1019.6	1018.7
	MAXIMUM	1041.1	1039.6	1036.8	1028.8	1026.4	1028.9	1025.8	1024.9	1027.0	1032.7	1033.9	1030.9	1041.1
	DAY-HR	31-16	01-01	08-15	06-03	30-13	19-16	03-16	16-16	28-16	08-16	05-14	08-15	JAN
	MINIMUM	1011.7	995.8	996.6	996.8	1004.5	1008.4	1007.2	1007.5	977.0	994.3	1013.8	1003.2	977.0
	DAY-HR	24-19	28-22	15-08	10-00	24-19	29-21	30-09	30-18	16-14	18-07	03-20	28-21	SEP
	# OBS	407	659	718	717	742	718	738	737	715	722	167	591	7631
2000	MEAN	1020.5	1022.6	1017.3	1015.1	1015.6	1018.3	1015.6	1017.3	1017.1	1020.8	1017.7	1022.3	1018.3
	MAXIMUM	1041.1	1035.1	1035.2	1032.1	1027.8	1025.0	1023.1	1027.9	1026.2	1034.4	1029.5	1036.7	1041.1
	DAY-HR	15-15	22-15	18-17	13-15	04-16	08-13	08-16	22-15	30-01	23-16	24-15	13-15	JAN
	MINIMUM	986.7	1005.4	991.9	1000.0	1003.0	1008.1	1005.4	1009.5	1004.9	1010.3	1002.4	998.5	986.7
	DAY-HR	25-13	14-21	28-08	22-07	29-08	06-17	15-22	12-09	26-05	06-19	10-11	17-17	JAN
	# OBS	740	690	739	712	736	720	741	743	713	739	716	743	8732
2001	MEAN	1019.2	1023.4	1013.8	1019.8	1017.7	1016.9	1016.9	1018.0	1018.0	1021.7	1023.4	1019.4	1019.0
	MAXIMUM	1034.6	1037.8	1031.2	1035.5	1031.8	1029.0	1026.2	1028.4	1023.7	1037.6	1035.0	1032.9	1037.8
	DAY-HR	22-16	12-03	19-16	29-16	07-16	27-15	03-03	01-16	06-15	09-13	13-16	16-12	FEB
	MINIMUM	1003.3	1005.8	997.2	1000.7	1007.3	1006.1	1005.0	1011.5	1009.2	1008.0	1013.0	996.0	996.0
	DAY-HR	05-22	17-09	06-20	16-08	22-22	02-23	11-21	14-21	25-08	25-19	20-12	18-11	DEC
	# OBS	743	672	741	717	743	718	744	744	713	743	719	743	8740
POR	MEAN	1020.5	1020.9	1017.5	1016.6	1016.3	1017.2	1016.7	1017.7	1016.6	1020.8	1020.6	1019.5	1018.3
	MAXIMUM	1041.1	1039.6	1037.6	1035.5	1031.8	1030.2	1026.2	1028.4	1029.1	1037.6	1041.9	1036.8	1041.9
	YEAR	2000	1999	1998	2001	2001	1996	2001	2001	1996	2001	1996	1996	NOV/1996
	MINIMUM	986.7	986.7	991.9	991.9	997.7	1001.2	1004.4	993.5	977.0	989.1	993.6	991.5	977.0
	YEAR	2000	1998	2000	1998	1998	1998	1996	1998	1999	1996	1997	1997	SEP/1999
	# OBS	3325	3336	3630	3539	4066	4147	4455	4513	4271	4401	2948	3877	46508

STATION: DUCN7 -- POR (5/1996 - 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
1996	MEAN	-	-	-	-	10.6	10.6	11.2	8.6	12.2	12.4	12.6	12.6	11.3
	MAXIMUM	-	-	-	-	22.2	26.6	42.6	25.1	40.8	47.8	37.9	35.6	47.8
	DAY-HR	-	-	-	-	22-05	03-15	13-06	12-23	06-09	08-16	22-12	15-01	OCT
	MINIMUM	-	-	-	-	0.0	0.0	0.2	0.0	0.8	0.0	1.4	0.0	0.0
	DAY-HR	-	-	-	-	27-10	30-10	07-08	26-05	24-13	25-15	21-02	30-16	DEC
	# OBS	-	-	-	-	405	712	822	787	714	733	588	733	5494
1997	MEAN	13.5	12.5	13.0	13.5	13.7	12.7	9.7	9.3	10.7	11.3	11.8	12.1	12.0
	MAXIMUM	33.4	33.0	30.3	34.4	28.4	29.5	41.6	26.8	32.5	36.4	31.5	34.2	41.6
	DAY-HR	16-12	09-03	31-21	01-19	03-17	07-01	24-20	14-23	21-08	19-19	13-20	28-01	JUL
	MINIMUM	0.4	0.0	0.0	0.0	0.8	0.0	0.2	0.0	0.0	0.0	0.2	0.0	0.0
	DAY-HR	14-22	13-20	16-06	26-03	05-00	10-16	13-10	22-10	25-19	30-16	12-00	18-10	DEC
	# OBS	730	653	734	710	730	593	727	728	711	732	520	722	8290
1998	MEAN	12.3	14.6	12.2	13.5	11.7	9.8	10.2	13.5	10.1	10.8	11.3	14.4	11.9
	MAXIMUM	44.3	36.5	34.8	41.2	31.3	30.5	25.7	44.9	29.4	34.0	26.4	43.7	44.9
	DAY-HR	28-21	17-16	09-12	04-20	12-23	16-03	26-15	27-20	04-20	22-15	06-06	16-13	AUG
	MINIMUM	0.0	0.2	0.0	2.1	0.0	0.2	0.0	0.0	0.0	0.0	0.0	1.9	0.0
	DAY-HR	26-13	22-16	24-10	29-11	15-23	27-17	13-10	31-04	25-11	20-23	09-15	11-03	NOV
	# OBS	705	662	698	682	710	686	718	774	705	732	238	336	7646
1999	MEAN	11.6	13.8	15.3	13.7	14.1	13.1	10.8	12.2	14.6	11.7	10.6	11.2	13.0
	MAXIMUM	29.4	32.3	41.2	37.9	37.5	25.9	27.8	55.8	65.1	36.9	27.8	33.0	65.1
	DAY-HR	24-12	22-13	04-06	30-15	02-15	20-01	29-04	30-20	16-14	18-10	07-13	11-07	SEP
	MINIMUM	1.6	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	3.1	1.0	0.0
	DAY-HR	22-12	27-14	20-05	25-10	25-13	21-06	31-11	28-14	11-02	07-01	09-02	12-21	OCT
	# OBS	407	659	718	717	742	719	739	737	715	722	167	584	7626
2000	MEAN	13.9	11.8	13.0	14.6	13.0	11.1	9.2	10.7	12.7	11.3	12.3	14.2	12.3
	MAXIMUM	49.8	31.5	34.8	37.9	51.3	24.5	28.6	25.9	35.4	30.3	34.6	35.2	51.3
	DAY-HR	25-13	12-23	22-21	19-10	29-18	03-18	15-14	30-16	06-01	09-09	26-04	17-20	MAY
	MINIMUM	0.4	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.3	0.0	0.0
	DAY-HR	18-19	29-22	03-02	28-09	20-19	23-16	30-01	11-15	26-03	17-14	13-21	22-08	DEC
	# OBS	738	690	735	712	736	720	741	743	715	398	404	482	7814
2001	MEAN	11.9	12.3	12.7	13.1	11.0	10.2	12.1	10.5	12.2	11.6	11.2	12.3	11.8
	MAXIMUM	29.2	31.1	31.5	37.9	25.5	24.3	28.4	23.9	32.7	31.7	35.0	35.4	37.9
	DAY-HR	25-17	22-22	06-21	17-11	06-17	07-21	30-14	11-19	30-07	28-16	06-08	18-15	APR
	MINIMUM	0.0	0.0	0.0	0.0	0.0	0.4	0.6	0.0	1.0	0.0	0.0	0.6	0.0
	DAY-HR	19-12	19-09	01-08	10-12	30-02	27-11	09-15	30-10	22-16	22-07	29-17	05-06	NOV
	# OBS	743	672	741	717	743	718	744	744	714	743	719	743	8741
POR	MEAN	12.7	13.0	13.2	13.7	12.5	11.2	10.5	10.8	12.1	11.5	11.8	12.6	12.1
	MAXIMUM	49.8	36.5	41.2	41.2	51.3	30.5	42.6	55.8	65.1	47.8	37.9	43.7	65.1
	YEAR	2000	1998	1999	1998	2000	1998	1996	1999	1999	1996	1996	1998	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	2001	2001	2001	2001	2001	2000	2000	2001	2000	2001	2001	2000	NOV/2001
	# OBS	3323	3336	3626	3538	4066	4148	4491	4513	4274	4060	2636	3600	45611

STATION: DUCN7 -- POR (5/1996 - 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
1996	MEAN	-	-	-	-	12.0	12.1	13.0	9.7	14.0	14.3	14.6	14.6	13.0
	MAXIMUM	-	-	-	-	24.7	31.5	49.8	28.4	47.0	54.6	41.4	42.6	54.6
	DAY-HR	-	-	-	-	22-01	03-15	13-04	31-23	06-08	08-16	22-12	02-01	OCT
	# OBS	-	-	-	-	405	712	822	787	714	733	588	733	5494
1997	MEAN	15.6	14.3	14.9	15.4	15.9	14.2	11.1	10.6	12.3	12.8	13.8	13.9	13.7
	MAXIMUM	40.2	36.9	37.3	43.2	35.4	33.4	50.7	35.2	37.3	41.6	35.4	39.3	50.7
	DAY-HR	11-10	09-01	31-21	01-06	03-17	07-02	24-20	14-23	28-08	19-19	14-01	28-01	JUL
	# OBS	730	651	734	708	730	592	726	728	711	732	520	722	8284
1998	MEAN	14.0	16.5	14.3	15.6	13.3	11.3	11.7	15.2	11.6	12.3	12.9	16.5	13.7
	MAXIMUM	50.5	42.6	50.9	46.7	34.2	38.5	30.1	55.4	33.0	39.5	29.2	52.1	55.4
	DAY-HR	28-21	17-16	21-06	04-21	12-23	16-03	26-15	27-20	04-21	22-15	06-06	16-13	AUG
	# OBS	705	662	698	682	710	686	718	774	705	732	238	336	7646
1999	MEAN	13.3	15.9	17.6	15.8	16.2	14.9	12.6	14.0	16.7	13.4	12.3	13.1	14.9
	MAXIMUM	34.0	36.9	53.8	43.7	41.8	29.0	33.0	64.3	72.5	43.2	31.3	37.3	72.5
	DAY-HR	31-14	22-13	03-23	30-14	02-15	20-01	29-04	30-20	16-14	18-11	07-13	11-07	SEP
	# OBS	407	659	718	717	742	717	739	737	715	722	167	584	7624

2000	MEAN	16.2	13.4	14.8	16.9	15.1	13.0	10.5	12.4	14.3	12.8	14.7	16.5	14.2
	MAXIMUM	55.8	35.8	38.9	44.7	59.1	27.2	33.8	28.6	39.9	33.0	39.1	43.5	59.1
	DAY-HR	25-13	12-23	23-01	26-01	29-18	03-18	15-14	30-16	06-01	09-09	26-04	17-20	MAY
	# OBS	738	690	734	712	736	720	740	743	708	398	384	480	7783
2001	MEAN	13.7	13.9	14.6	15.0	12.5	11.5	13.8	12.1	13.7	13.4	12.6	14.1	13.4
	MAXIMUM	34.0	35.2	38.7	43.2	28.0	25.9	31.1	33.6	37.5	34.0	38.3	40.4	43.2
	DAY-HR	21-08	22-22	06-21	17-11	06-15	07-21	26-19	11-19	30-05	28-16	06-08	18-15	APR
	# OBS	743	672	740	717	743	718	744	744	714	743	719	743	8740
POR	MEAN	14.7	14.8	15.2	15.7	14.3	12.8	12.1	12.3	13.8	13.2	13.6	14.5	13.8
	MAXIMUM	55.8	42.6	53.8	46.7	59.1	38.5	50.7	64.3	72.5	54.6	41.4	52.1	72.5
	YEAR	2000	1998	1999	1998	2000	1998	1997	1999	1999	1996	1996	1998	SEP/1999
	# OBS	3323	3334	3624	3536	4066	4145	4489	4513	4267	4060	2616	3598	45571

STATION: DUCN7 -- POR (5/1996 - 12/2001)

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

ELEMENT: HOURLY PEAK WIND GUST (KNOTS)

YEAR	ELEMENT	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1996	MEAN	-	-	-	-	14.2	14.5	15.7	11.6	-	-	-	-	14.0
	MAXIMUM	-	-	-	-	29.4	42.2	58.5	40.8	-	-	-	-	58.5
	DAY-HR	-	-	-	-	22-02	25-04	13-07	01-17	-	-	-	-	JUL
	MINIMUM	-	-	-	-	2.5	1.6	1.6	2.1	-	-	-	-	1.6
	DAY-HR	-	-	-	-	23-13	28-10	07-06	02-11	-	-	-	-	JUL
	# OBS	-	-	-	-	405	712	799	787	-	-	-	-	2703
1997	MEAN	-	-	-	-	-	-	-	-	-	-	16.5	16.5	16.5
	MAXIMUM	-	-	-	-	-	-	-	-	-	-	37.7	41.2	41.2
	DAY-HR	-	-	-	-	-	-	-	-	-	-	14-02	30-05	DEC
	MINIMUM	-	-	-	-	-	-	-	-	-	-	1.6	0.0	0.0
	DAY-HR	-	-	-	-	-	-	-	-	-	-	28-07	18-19	DEC
	# OBS	-	-	-	-	-	-	-	-	-	-	520	755	1275
1998	MEAN	16.6	19.3	17.1	18.3	15.9	13.8	13.9	17.5	13.8	14.5	14.9	19.0	16.2
	MAXIMUM	58.5	51.9	50.9	51.7	44.7	40.8	41.8	55.4	39.9	39.5	33.0	52.9	58.5
	DAY-HR	28-22	17-16	21-06	04-20	05-01	16-04	23-23	27-20	04-10	22-15	06-06	16-14	JAN
	MINIMUM	1.9	1.9	2.5	3.1	1.6	2.7	0.6	2.5	1.2	2.1	2.1	4.5	0.6
	DAY-HR	22-00	22-16	08-09	29-12	15-23	11-05	13-11	31-03	21-07	28-17	02-01	11-03	JUL
	# OBS	705	662	698	682	710	686	718	774	705	732	238	336	7646
1999	MEAN	16.1	18.6	20.5	18.7	18.6	17.0	15.2	16.6	19.1	15.7	7.4	15.2	17.5
	MAXIMUM	40.4	41.6	58.7	48.8	45.1	32.7	41.0	64.9	83.4	49.2	7.4	40.8	83.4
	DAY-HR	24-03	28-23	03-23	30-15	15-14	03-04	29-05	30-20	16-14	18-09	01-00	11-08	SEP
	MINIMUM	3.5	1.2	2.9	2.1	2.7	3.3	2.1	1.4	1.9	2.5	7.4	0.0	0.0
	DAY-HR	22-13	27-14	29-02	25-10	25-13	21-07	31-13	23-11	05-01	07-02	01-00	07-03	DEC
	# OBS	407	659	718	717	742	717	738	737	713	717	1	601	7467
2000	MEAN	19.1	15.8	17.3	19.9	17.8	15.7	12.8	15.0	16.5	14.9	17.3	19.5	16.8
	MAXIMUM	60.5	39.7	42.2	50.9	61.8	38.3	46.3	43.4	45.3	37.7	41.2	51.3	61.8
	DAY-HR	25-08	14-13	23-02	26-01	29-19	19-22	15-14	30-15	23-23	09-05	26-02	17-14	MAY
	MINIMUM	2.5	1.9	1.7	1.7	2.7	0.0	0.2	1.7	1.6	0.0	5.4	3.1	0.0
	DAY-HR	01-02	27-08	07-07	17-12	16-13	02-17	18-15	11-07	25-07	17-14	16-10	19-15	OCT
	# OBS	739	690	738	712	736	719	738	741	682	397	381	464	7737
2001	MEAN	16.1	16.5	17.4	17.8	14.9	13.8	16.3	14.4	15.8	15.8	14.7	16.6	15.8
	MAXIMUM	38.5	36.4	43.2	41.6	36.0	39.9	40.0	34.2	39.5	38.3	40.8	41.8	43.2
	DAY-HR	27-19	22-22	30-06	26-23	28-04	07-03	27-05	13-23	30-20	28-15	06-08	18-15	MAR
	MINIMUM	2.5	1.7	1.6	2.5	1.0	3.5	2.1	1.6	1.9	1.7	2.1	1.6	1.0
	DAY-HR	19-12	19-05	01-09	30-12	30-03	07-05	10-02	23-12	19-11	22-11	19-05	05-06	MAY
	# OBS	741	672	741	715	743	718	743	743	710	743	719	743	8731
POR	MEAN	17.1	17.5	18.1	18.7	16.5	15.0	14.8	15.0	16.3	15.3	15.7	17.0	16.3
	MAXIMUM	60.5	51.9	58.7	51.7	61.8	42.2	58.5	64.9	83.4	49.2	41.2	52.9	83.4
	YEAR	2000	1998	1999	1998	2000	1996	1996	1999	1999	1999	2000	1998	SEP/1999
	MINIMUM	1.9	1.2	1.6	1.7	1.0	0.0	0.2	1.4	1.2	0.0	1.6	0.0	0.0
	YEAR	1998	1999	2001	2000	2001	2000	2000	1999	1998	2000	1997	1999	OCT/2000
	# OBS	2592	2683	2895	2826	3336	3552	3736	3782	2810	2589	1859	2899	35559

STATION: DUCN7 -- POR (8/1996 - 5/2000)

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
1996	MEAN	-	-	-	-	-	-	-	0.6	0.9	1.1	1.0	0.9	0.9
	MAXIMUM	-	-	-	-	-	-	-	2.2	3.3	3.0	3.2	2.9	3.3
	DAY-HR	-	-	-	-	-	-	-	31-23	02-03	08-16	18-07	16-04	SEP
	# OBS	-	-	-	-	-	-	-	335	646	687	545	719	2932
1997	MEAN	0.7	0.9	0.8	0.9	0.6	0.8	0.6	0.6	0.7	0.9	0.9	0.9	0.8
	MAXIMUM	2.0	2.4	2.0	2.9	2.4	2.5	1.1	1.2	2.3	3.0	2.7	2.3	3.0
	DAY-HR	01-08	09-17	09-12	01-21	28-07	05-00	31-21	19-08	04-14	19-23	14-03	28-10	OCT
	# OBS	696	635	711	681	711	529	716	706	700	720	499	709	8013
1998	MEAN	1.2	1.4	0.8	0.9	0.8	0.5	0.5	1.0	0.7	0.7	0.9	0.9	0.8
	MAXIMUM	3.9	3.4	1.5	2.9	3.1	1.3	1.5	2.9	2.3	2.1	1.6	3.0	3.9
	DAY-HR	29-02	05-19	21-21	05-00	13-23	29-00	31-23	27-20	23-14	02-08	06-06	16-16	JAN
	# OBS	664	642	697	669	706	656	705	720	687	726	238	331	7441
1999	MEAN	0.7	-	-	-	-	-	-	-	-	0.7	0.6	0.8	0.7
	MAXIMUM	1.3	-	-	-	-	-	-	-	-	0.8	1.6	2.2	2.2
	DAY-HR	15-21	-	-	-	-	-	-	-	-	30-18	07-14	20-08	DEC
	# OBS	143	-	-	-	-	-	-	-	-	24	159	557	883
2000	MEAN	0.9	0.8	1.0	0.9	0.0	-	-	-	-	-	-	-	0.9
	MAXIMUM	3.5	2.1	2.7	3.1	0.0	-	-	-	-	-	-	-	3.5
	DAY-HR	25-16	13-01	23-04	20-03	25-03	-	-	-	-	-	-	-	JAN
	# OBS	723	633	702	526	6	-	-	-	-	-	-	-	2590
POR	MEAN	0.9	1.0	0.8	0.9	0.7	0.6	0.5	0.7	0.8	0.9	0.9	0.9	0.8
	MAXIMUM	3.9	3.4	2.7	3.1	3.1	2.5	1.5	2.9	3.3	3.0	3.2	3.0	3.9
	YEAR	1998	1998	2000	2000	1998	1997	1998	1998	1996	1997	1996	1998	JAN/1998
	# OBS	2226	1910	2110	1876	1423	1185	1421	1761	2033	2157	1441	2316	21859

STATION: DUCN7

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

Month: JAN

WIND SPEED	CALM	WIND DIRECTION												TOT %	TOT N
		35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
0	0.2	*	-	-	-	-	*	-	-	*	*	-	-	0.3	9
1 - 3		0.2	0.5	0.5	0.6	0.3	0.4	0.4	0.5	0.3	0.2	0.4	0.2	4.5	149
4 - 6		0.7	0.8	0.9	0.6	1.1	1.5	1.1	1.1	1.4	0.6	1.0	1.0	11.8	394
7 - 10		1.8	1.7	1.5	0.8	1.4	2.3	2.3	4.0	3.0	1.6	2.9	2.1	25.4	846
11 - 15		2.9	2.0	1.4	0.5	0.3	1.8	2.8	3.4	2.8	2.5	3.3	4.4	28.1	934
16 - 20		2.9	1.6	0.6	0.3	0.3	0.6	2.0	1.8	1.6	1.1	1.8	3.0	17.6	584
21 - 24		1.7	0.6	0.2	0.2	0.1	0.4	1.0	0.4	0.3	0.3	0.6	1.4	7.1	235
25 - 33		1.3	0.4	0.1	0.1	0.2	0.4	0.3	0.1	0.1	0.2	0.3	1.2	4.6	154
34 - 47		0.2	-	-	0.1	-	-	-	-	-	-	-	0.3	0.5	17
> 48		*	-	-	-	-	-	-	-	-	-	*	*	0.1	3
TOTAL %	0.2	11.8	7.5	5.1	3.2	3.6	7.4	9.8	11.4	9.6	6.6	10.3	13.6	100.0	
TOTAL N	5	391	250	169	106	121	247	327	378	319	220	341	451		3325

(* < 0.05%)

STATION: DUCN7

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	0.2	0.1	-	-	-	-	-	-	-	-	-	-	*	0.3	10
1 - 3		0.3	0.3	0.3	0.3	0.5	0.3	0.3	0.1	0.1	0.2	0.2	0.2	3.1	104
4 - 6		1.0	1.2	1.2	1.1	1.0	1.1	1.2	0.9	0.8	0.6	0.4	0.7	11.3	377
7 - 10		3.3	2.2	1.8	1.1	1.1	1.4	2.3	4.0	2.9	1.5	1.5	1.5	24.7	824
11 - 15		5.0	4.0	1.1	0.5	0.3	2.1	3.7	3.7	2.8	1.7	2.1	2.6	29.7	991
16 - 20		5.5	2.6	0.4	0.7	0.2	0.7	1.8	1.5	0.6	0.3	1.0	2.0	17.4	581
21 - 24		3.2	0.9	0.3	0.2	0.1	0.3	0.8	0.5	0.1	0.3	0.4	1.0	8.2	274
25 - 33		3.0	0.1	0.1	0.3	0.2	0.1	0.1	-	*	-	0.1	1.1	5.1	170
34 - 47		-	-	-	-	*	-	-	-	-	-	-	0.1	0.1	5
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.2	21.4	11.4	5.2	4.1	3.6	6.0	10.2	10.7	7.4	4.6	5.7	9.4	100.0	
TOTAL N	7	713	381	175	138	121	200	339	356	248	154	191	313		3336

(* < 0.05%)

STATION: DUCN7

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	0.1	0.1	-	-	*	*	*	-	-	-	-	*	-	0.3	10
1 - 3		0.2	0.2	0.3	0.2	0.5	0.2	0.1	0.2	0.2	0.2	0.1	0.2	2.7	99
4 - 6		0.7	1.2	1.4	1.2	1.1	0.8	0.7	0.7	0.6	0.6	0.5	0.4	9.9	359
7 - 10		1.7	3.7	2.8	1.4	2.2	2.2	1.7	2.8	2.6	1.4	1.1	1.1	24.8	900
11 - 15		3.3	3.4	2.1	1.4	1.2	2.2	2.8	4.7	2.8	2.2	2.7	1.6	30.5	1106
16 - 20		3.0	2.2	1.7	0.7	0.2	0.8	2.1	2.2	0.9	1.2	1.3	2.0	18.2	661
21 - 24		2.0	0.9	0.5	0.1	*	0.3	0.9	0.4	0.3	0.2	0.5	1.6	7.8	284
25 - 33		2.0	0.4	0.1	0.1	0.1	0.7	0.4	-	0.3	0.2	0.4	0.8	5.5	200
34 - 47		0.1	-	-	-	-	0.1	*	-	*	-	-	-	0.2	7
> 48		-	-	-	*	*	-	-	-	-	*	-	-	0.1	3
TOTAL %	0.1	13.1	12.0	9.0	5.2	5.4	7.3	8.8	11.1	7.7	6.0	6.8	7.6	100.0	
TOTAL N	4	475	434	328	189	196	264	320	402	278	219	245	275		3629

(* < 0.05%)

STATION: DUCN7

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	0.2	-	-	*	-	-	*	-	-	*	-	-	*	0.3	11
1 - 3		0.3	0.3	0.4	0.4	0.3	0.3	0.2	0.1	0.1	0.1	0.2	0.2	2.9	101
4 - 6		0.6	1.4	0.7	0.8	1.1	0.8	0.4	0.4	0.5	0.4	0.4	0.4	8.0	282
7 - 10		1.5	2.0	1.9	1.6	2.7	2.5	2.0	2.4	2.8	1.2	1.2	0.6	22.4	794
11 - 15		2.5	3.3	1.5	0.9	1.7	2.1	4.5	7.2	5.0	1.7	1.3	1.2	32.9	1164
16 - 20		3.5	2.3	1.2	0.3	0.4	0.6	2.4	4.7	1.8	0.7	1.0	0.7	19.6	692
21 - 24		1.8	2.0	1.0	0.1	0.1	0.4	0.5	0.6	0.2	0.4	0.6	0.8	8.4	296
25 - 33		1.8	0.8	0.3	-	-	0.2	0.2	0.1	-	0.1	0.4	0.8	4.6	164
34 - 47		0.6	0.3	-	-	-	-	-	-	-	-	*	0.1	1.0	34
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.2	12.5	12.3	7.0	4.2	6.4	6.8	10.3	15.5	10.4	4.6	5.0	4.8	100.0	
TOTAL N	7	443	435	248	147	225	241	363	550	369	161	178	171		3538

(* < 0.05%)

STATION: DUCN7

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	0.2	0.1	-	-	-	0.1	-	-	-	*	-	-	*	0.4	16
1 - 3		0.1	0.2	0.4	0.5	0.4	0.3	0.2	0.2	0.1	0.1	0.1	0.2	2.9	119
4 - 6		0.8	1.1	0.9	1.1	1.3	1.0	0.8	1.0	1.5	0.6	0.4	0.6	11.1	453
7 - 10		2.0	2.4	2.0	1.9	2.9	3.0	2.0	4.1	5.2	1.9	0.6	1.1	29.1	1184
11 - 15		2.8	2.3	1.7	1.2	1.3	3.1	3.3	5.1	5.6	1.6	0.7	1.0	29.8	1210
16 - 20		2.5	2.1	0.8	0.4	0.4	0.7	1.3	4.2	2.0	0.6	0.8	0.8	16.6	676
21 - 24		1.7	1.6	0.1	0.1	*	0.1	0.2	0.6	*	0.1	0.2	0.3	5.2	213
25 - 33		1.7	2.1	0.1	-	-	*	0.1	*	*	-	-	*	4.0	164
34 - 47		0.3	0.4	-	*	-	-	-	-	-	-	-	-	0.7	30
> 48		-	-	-	-	-	-	-	-	-	-	*	-	0.0	1
TOTAL %	0.2	12.1	12.3	6.1	5.2	6.4	8.2	8.0	15.3	14.4	5.1	2.9	4.0	100.0	
TOTAL N	7	490	499	246	212	260	334	324	623	586	206	118	161		4066

(* < 0.05%)

STATION: DUCN7

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	0.2	-	-	-	*	-	*	-	-	*	-	-	-	0.3	14
1 - 3		0.2	0.4	0.5	0.6	0.6	0.3	0.2	0.2	0.2	0.1	0.1	0.2	3.7	154
4 - 6		0.6	1.3	2.0	1.9	1.6	1.8	1.1	0.9	1.0	0.7	0.4	0.4	13.6	566
7 - 10		1.3	2.9	2.5	2.3	3.3	3.4	2.3	4.2	4.4	1.7	0.7	0.6	29.3	1216
11 - 15		1.3	4.0	2.8	1.9	1.8	3.1	4.1	6.8	5.9	1.0	0.8	0.5	33.7	1398
16 - 20		1.7	3.2	0.7	0.4	0.7	1.5	1.8	3.7	1.4	0.1	0.1	0.3	15.8	655
21 - 24		0.5	1.0	0.3	-	*	0.1	0.1	0.2	-	-	-	0.1	2.4	100
25 - 33		0.3	0.5	0.2	-	-	-	-	*	-	*	-	0.1	1.1	45
34 - 47		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.2	5.9	13.1	8.8	7.2	7.9	10.3	9.7	16.0	13.0	3.7	2.1	2.1	100.0	
TOTAL N	10	245	543	367	298	329	426	401	665	539	153	86	86		4148

(* < 0.05%)

STATION: DUCN7

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	0.3	0.1	-	-	*	*	*	-	*	-	*	-	-	0.6	26
1 - 3		0.4	0.8	0.7	0.8	0.7	0.7	0.6	0.3	0.2	0.2	0.2	0.4	6.1	272
4 - 6		1.2	1.5	1.5	2.0	2.0	1.4	1.0	1.0	1.3	0.6	0.6	0.7	15.1	677
7 - 10		2.0	2.7	3.1	3.2	3.5	3.2	2.4	4.6	3.3	1.7	1.0	0.7	31.5	1416
11 - 15		1.9	3.0	3.0	1.4	1.6	1.6	3.4	6.9	5.9	1.1	0.5	0.8	31.1	1397
16 - 20		0.8	1.6	1.0	0.4	0.3	0.4	1.9	3.6	2.3	0.3	0.1	0.3	12.9	581
21 - 24		0.4	0.4	0.1	*	-	0.1	0.2	0.3	0.4	*	-	*	1.9	87
25 - 33		0.2	0.1	-	*	0.1	*	*	0.1	*	0.1	-	-	0.6	27
34 - 47		-	-	-	-	*	*	0.1	*	-	*	-	-	0.2	8
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.3	7.1	10.1	9.4	7.8	8.2	7.6	9.5	16.9	13.6	4.1	2.4	3.0	100.0	
TOTAL N	14	317	452	421	352	370	341	428	759	611	182	110	134		4491

(* < 0.05%)

STATION: DUCN7

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	0.4	0.1	-	-	0.1	-	-	-	-	*	*	*	*	0.7	32
1 - 3		0.5	0.5	0.8	0.6	0.8	0.6	0.3	0.4	0.2	0.4	0.4	0.4	5.8	260
4 - 6		1.3	1.7	2.2	2.0	1.7	1.3	0.9	1.2	1.2	0.6	0.6	0.9	15.5	699
7 - 10		2.0	4.9	4.0	3.1	3.4	2.2	2.4	4.6	3.9	0.8	1.0	1.2	33.6	1515
11 - 15		1.8	4.9	2.3	1.2	2.0	2.0	4.0	6.1	3.3	0.8	0.3	0.2	29.1	1312
16 - 20		1.7	2.7	1.1	0.5	0.4	0.6	0.9	1.2	0.4	0.2	0.2	0.2	10.1	455
21 - 24		0.3	1.1	0.4	*	0.3	0.2	0.1	*	*	0.1	0.1	0.1	2.7	121
25 - 33		0.1	0.1	*	0.2	0.8	0.1	-	-	-	*	*	-	1.4	62
34 - 47		0.5	0.3	-	0.1	0.3	-	-	-	-	-	-	*	1.2	55
> 48		*	*	-	-	-	-	-	-	-	-	-	-	0.0	2
TOTAL %	0.4	8.3	16.1	10.8	7.8	9.8	6.9	8.6	13.5	9.1	2.9	2.7	3.0	100.0	
TOTAL N	19	375	728	486	352	442	312	388	610	411	132	121	137		4513

(* < 0.05%)

STATION: DUCN7

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	0.2	*	-	-	-	-	-	-	-	-	-	-	-	0.2	10
1 - 3		0.2	0.3	0.4	0.3	0.4	0.5	0.6	0.5	0.5	0.3	0.4	0.4	4.8	205
4 - 6		0.4	0.6	1.3	1.6	1.5	1.7	2.0	1.7	1.6	0.8	1.0	0.6	14.9	635
7 - 10		1.0	1.6	2.3	2.9	4.4	3.1	3.5	3.2	3.1	1.6	1.8	1.2	29.7	1269
11 - 15		2.2	3.3	2.6	1.5	2.5	2.4	2.7	2.8	2.6	1.5	2.3	1.6	28.0	1194
16 - 20		1.7	0.9	1.1	0.3	0.6	1.5	1.2	0.7	0.8	0.3	0.7	1.0	10.6	452
21 - 24		1.1	0.9	0.4	0.1	0.1	0.4	0.3	0.1	0.1	0.1	-	0.3	3.9	168
25 - 33		2.6	1.3	0.8	0.5	0.3	0.1	0.2	0.2	0.1	0.1	-	0.2	6.5	276
34 - 47		0.7	-	*	*	0.2	*	*	*	*	*	-	0.2	1.3	57
> 48		-	-	-	-	*	*	-	-	-	-	-	-	0.1	3
TOTAL %	0.2	9.9	8.9	9.0	7.4	10.0	9.7	10.5	9.3	8.8	4.8	6.1	5.4	100.0	
TOTAL N	9	423	380	385	314	425	416	448	396	375	205	261	232		4269

(* < 0.05%)

STATION: DUCN7

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	0.8	*	-	-	*	*	*	-	-	*	*	-	*	0.9	38
1 - 3		0.2	0.4	0.4	0.3	0.3	0.1	0.4	0.3	0.2	0.5	0.4	0.2	3.9	157
4 - 6		0.9	0.9	1.2	1.3	1.7	1.0	1.9	1.4	1.8	1.5	1.0	0.5	15.1	613
7 - 10		1.8	2.6	2.2	1.6	2.7	3.0	2.8	4.0	4.0	2.2	2.0	1.9	30.8	1250
11 - 15		3.9	3.2	2.6	1.4	1.0	2.0	2.1	1.8	2.2	1.2	2.3	2.4	26.2	1063
16 - 20		3.7	2.3	1.4	0.7	0.2	0.4	0.6	0.4	0.3	0.6	1.2	1.8	13.5	550
21 - 24		2.0	2.4	0.5	*	*	0.2	0.2	*	*	*	0.1	1.0	6.4	261
25 - 33		1.4	0.7	0.1	0.2	-	*	*	*	-	-	*	0.5	2.9	119
34 - 47		0.1	-	-	-	-	-	-	-	-	-	-	0.1	0.2	8
> 48		-	-	-	-	-	*	-	-	-	-	-	-	0.0	1
TOTAL %	0.8	14.0	12.5	8.4	5.6	5.9	6.8	8.0	8.0	8.6	6.0	7.0	8.3	100.0	
TOTAL N	31	569	506	341	227	240	278	324	324	351	245	285	339		4060

(* < 0.05%)

STATION: DUCN7

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	0.2	-	-	-	*	-	*	-	-	-	-	-	-	-	0.3	8
1 - 3		0.6	0.5	0.4	0.4	0.2	0.6	0.1	0.3	0.4	0.4	0.5	0.4	4.9	126	
4 - 6		1.3	0.9	1.0	1.2	0.7	1.0	1.8	1.8	1.9	1.4	1.4	1.1	15.3	393	
7 - 10		1.7	1.7	1.1	1.1	1.0	3.1	1.8	3.6	3.3	2.5	3.4	2.7	26.9	692	
11 - 15		2.4	3.3	1.9	1.0	0.7	2.3	2.0	2.3	2.8	2.4	4.8	2.8	28.8	739	
16 - 20		2.6	3.1	0.7	0.2	0.2	0.5	0.9	0.5	0.4	1.6	1.8	1.8	14.3	367	
21 - 24		1.8	0.9	0.4	0.2	*	0.1	0.4	-	0.1	0.1	0.4	1.5	5.8	149	
25 - 33		1.7	0.5	0.3	0.1	-	*	0.3	-	-	-	-	0.5	3.4	87	
34 - 47		0.3	-	-	-	-	-	-	-	-	-	-	-	0.3	7	
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0	
TOTAL %	0.2	12.3	10.9	5.7	4.1	2.8	7.6	7.4	8.5	8.9	8.4	12.3	10.9	100.0		
TOTAL N	6	316	281	146	106	72	196	189	218	228	215	316	279		2568	

(* < 0.05%)

STATION: DUCN7

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	0.6	*	-	*	-	-	-	-	-	-	-	-	-	0.6	22
1 - 3		0.2	0.3	0.2	0.3	0.4	0.3	0.4	0.2	0.5	0.6	0.5	0.3	4.2	152
4 - 6		0.6	0.6	0.4	0.6	0.9	0.7	1.1	1.9	1.9	1.6	1.7	1.1	13.0	470
7 - 10		1.3	1.6	1.1	0.7	0.6	1.2	1.8	4.7	4.8	2.6	4.0	2.2	26.7	961
11 - 15		2.0	2.4	1.4	0.7	0.3	1.2	2.9	3.4	3.1	2.8	3.1	2.4	25.7	925
16 - 20		2.7	2.8	0.9	0.5	0.2	0.6	1.2	0.9	0.7	2.0	1.7	2.8	16.9	609
21 - 24		2.1	1.3	0.2	0.1	*	0.1	0.4	0.1	0.4	0.4	0.2	1.7	7.0	251
25 - 33		2.5	0.2	0.1	*	0.1	0.2	0.4	-	0.3	0.3	0.1	1.2	5.4	194
34 - 47		0.1	0.1	-	-	-	*	*	-	*	-	-	0.1	0.4	16
> 48		-	-	*	-	-	*	0.1	-	-	*	-	-	0.1	5
TOTAL %	0.6	11.6	9.3	4.3	2.9	2.5	4.3	8.3	11.2	11.7	10.2	11.3	11.9	100.0	
TOTAL N	20	419	336	156	103	90	154	298	403	422	369	406	429		3605

(* < 0.05%)

STATION: DUCN7

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	0.3	*	-	*	*	*	*	-	*	*	*	*	*	0.5	206
1 - 3		0.3	0.4	0.4	0.5	0.5	0.4	0.3	0.3	0.3	0.3	0.3	0.3	4.2	1898
4 - 6		0.8	1.1	1.3	1.3	1.4	1.2	1.2	1.2	1.3	0.8	0.8	0.7	13.0	5918
7 - 10		1.8	2.6	2.3	1.9	2.6	2.6	2.3	3.9	3.6	1.7	1.7	1.3	28.2	12867
11 - 15		2.6	3.3	2.1	1.2	1.3	2.2	3.2	4.6	3.8	1.6	1.9	1.7	29.5	13433
16 - 20		2.6	2.2	1.0	0.4	0.4	0.8	1.5	2.2	1.1	0.7	0.9	1.3	15.1	6863
21 - 24		1.5	1.2	0.4	0.1	0.1	0.2	0.4	0.3	0.2	0.2	0.2	0.7	5.4	2439
25 - 33		1.5	0.6	0.2	0.1	0.2	0.1	0.2	*	0.1	0.1	0.1	0.5	3.6	1662
34 - 47		0.2	0.1	*	*	0.1	*	*	*	*	*	*	0.1	0.5	244
> 48		*	*	*	*	*	*	*	-	-	*	*	*	0.0	18
TOTAL %	0.3	11.4	11.5	7.6	5.6	6.3	7.5	9.1	12.5	10.4	5.4	5.8	6.6	100.0	
TOTAL N	139	5176	5225	3468	2544	2891	3409	4149	5684	4737	2461	2658	3007		45548

(* < 0.05%)

STATION: DUCN7

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

Months: DEC, JAN, FEB (Winter)

WIND SPEED	CALM	WIND DIRECTION												TOT %	TOT N
		35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
0	0.3	*	-	*	-	-	*	-	-	*	*	-	*	0.4	41
1 - 3		0.3	0.4	0.3	0.4	0.4	0.3	0.4	0.3	0.3	0.3	0.4	0.3	3.9	405
4 - 6		0.8	0.9	0.8	0.8	1.0	1.1	1.1	1.3	1.4	1.0	1.1	0.9	12.1	1241
7 - 10		2.1	1.9	1.5	0.9	1.1	1.6	2.1	4.2	3.6	1.9	2.8	1.9	25.6	2631
11 - 15		3.3	2.8	1.3	0.6	0.3	1.7	3.1	3.5	2.9	2.3	2.8	3.1	27.8	2850
16 - 20		3.7	2.3	0.7	0.5	0.2	0.6	1.6	1.4	1.0	1.2	1.5	2.6	17.3	1774
21 - 24		2.3	0.9	0.2	0.1	0.1	0.3	0.7	0.3	0.3	0.3	0.4	1.4	7.4	760
25 - 33		2.3	0.2	0.1	0.1	0.1	0.2	0.3	*	0.1	0.2	0.1	1.2	5.0	518
34 - 47		0.1	*	-	*	*	*	*	-	*	-	-	0.2	0.4	38
> 48		*	-	*	-	-	*	*	-	-	*	*	*	0.1	8

TOTAL % 0.3 14.8 9.4 4.9 3.4 3.2 5.9 9.4 11.1 9.6 7.2 9.1 11.6 100.0
 TOTAL N 32 1523 967 500 347 332 601 964 1137 989 743 938 1193 10266
 (* < 0.05%)

STATION: DUCN7

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

Months: MAR, APR, MAY (Spring)

WIND SPEED	CALM	WIND DIRECTION												TOT %	TOT N
		35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
0	0.2	0.1	-	*	*	*	*	-	-	*	-	*	*	0.3	37
1 - 3		0.2	0.2	0.4	0.4	0.4	0.2	0.2	0.2	0.1	0.1	0.1	0.2	2.8	319
4 - 6		0.7	1.2	1.0	1.0	1.2	0.9	0.7	0.7	0.9	0.5	0.4	0.5	9.7	1094
7 - 10		1.8	2.7	2.3	1.7	2.6	2.6	1.9	3.2	3.6	1.5	1.0	0.9	25.6	2878
11 - 15		2.8	2.9	1.8	1.2	1.4	2.5	3.5	5.6	4.5	1.8	1.6	1.3	31.0	3480
16 - 20		3.0	2.2	1.2	0.4	0.4	0.7	1.9	3.7	1.6	0.8	1.0	1.1	18.1	2029
21 - 24		1.9	1.5	0.5	0.1	*	0.3	0.5	0.6	0.2	0.2	0.4	0.9	7.1	793
25 - 33		1.8	1.1	0.2	*	*	0.3	0.2	*	0.1	0.1	0.3	0.5	4.7	528
34 - 47		0.3	0.2	-	*	-	*	*	-	*	-	*	*	0.6	71
> 48		-	-	-	*	*	-	-	-	-	*	*	-	0.0	4

TOTAL % 0.2 12.5 12.2 7.3 4.9 6.1 7.5 9.0 14.0 11.0 5.2 4.8 5.4 100.0
 TOTAL N 18 1408 1368 822 548 681 839 1007 1575 1233 586 541 607 11233
 (* < 0.05%)

STATION: DUCN7

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

Months: JUN, JUL, AUG (Summer)

WIND SPEED	CALM	WIND DIRECTION												TOT %	TOT N
		35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
0	0.3	0.1	-	-	*	*	*	-	*	*	*	*	*	0.5	72
1 - 3		0.4	0.5	0.7	0.7	0.7	0.5	0.4	0.3	0.2	0.2	0.2	0.3	5.2	686
4 - 6		1.0	1.5	1.9	2.0	1.8	1.5	1.0	1.1	1.2	0.6	0.5	0.7	14.8	1942
7 - 10		1.8	3.5	3.2	2.9	3.4	2.9	2.4	4.5	3.9	1.4	0.9	0.9	31.5	4147
11 - 15		1.7	3.9	2.7	1.5	1.8	2.2	3.8	6.6	5.0	1.0	0.5	0.5	31.2	4107
16 - 20		1.4	2.5	0.9	0.4	0.5	0.8	1.5	2.8	1.4	0.2	0.2	0.3	12.9	1691
21 - 24		0.4	0.8	0.3	*	0.1	0.1	0.1	0.2	0.2	*	*	0.1	2.3	308
25 - 33		0.2	0.2	0.1	0.1	0.3	*	*	*	*	*	*	*	1.0	134
34 - 47		0.2	0.1	-	*	0.1	*	*	*	-	*	-	*	0.5	63
> 48		*	*	-	-	-	-	-	-	-	-	-	-	0.0	2

TOTAL % 0.3 7.1 13.1 9.7 7.6 8.7 8.2 9.3 15.5 11.9 3.6 2.4 2.7 100.0
 TOTAL N 43 937 1723 1274 1002 1141 1079 1217 2034 1561 467 317 357 13152
 (* < 0.05%)

STATION: DUCN7

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

Months: SEP, OCT, NOV (Autumn)

WIND SPEED	CALM	WIND DIRECTION												TOT %	TOT N
		35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
0	0.4	*	-	-	*	*	*	-	-	*	*	-	*	0.5	56
1 - 3		0.3	0.4	0.4	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.3	4.5	488
4 - 6		0.8	0.8	1.2	1.4	1.4	1.3	1.9	1.6	1.7	1.2	1.1	0.7	15.1	1641
7 - 10		1.5	2.0	2.0	2.0	2.9	3.0	2.8	3.6	3.5	2.0	2.3	1.8	29.5	3211
11 - 15		2.9	3.2	2.5	1.3	1.5	2.2	2.3	2.3	2.5	1.6	2.9	2.2	27.5	2996
16 - 20		2.6	1.9	1.1	0.4	0.3	0.9	0.9	0.6	0.5	0.7	1.1	1.5	12.6	1369
21 - 24		1.6	1.5	0.4	0.1	0.1	0.2	0.3	*	0.1	0.1	0.1	0.8	5.3	578
25 - 33		1.9	0.9	0.4	0.3	0.1	*	0.2	0.1	0.1	0.1	*	0.4	4.4	482
34 - 47		0.4	-	*	*	0.1	*	*	*	*	*	-	0.1	0.7	72
> 48		-	-	-	-	*	*	-	-	-	-	-	-	0.0	4

TOTAL % 0.4 12.0 10.7 8.0 5.9 6.8 8.2 8.8 8.6 8.8 6.1 7.9 7.8 100.0
 TOTAL N 46 1308 1167 872 647 737 890 961 938 954 665 862 850 10897
 (* < 0.05%)

STATION: DUCN7

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

Month: JAN

WIND SPEED	WAVE HEIGHT												TOT %	TOT N			
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-			11.5-	12.5-	
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
0	*	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	0.2	4
1 - 3	0.4	3.7	0.4	0.2	-	-	-	-	-	-	-	-	-	-	-	4.7	104
4 - 6	1.1	8.7	1.0	-	-	-	-	-	-	-	-	-	-	-	-	10.7	239
7 - 10	3.6	18.7	1.3	*	-	-	-	-	-	-	-	-	-	-	-	23.7	528
11 - 15	5.4	21.5	2.2	0.4	-	-	-	-	-	-	-	-	-	-	-	29.5	656
16 - 20	2.6	13.8	2.0	0.3	-	-	-	-	-	-	-	-	-	-	-	18.7	416
21 - 24	0.5	4.7	1.8	0.2	-	-	-	-	-	-	-	-	-	-	-	7.2	161
25 - 33	0.2	1.9	1.8	0.5	0.1	-	-	-	-	-	-	-	-	-	-	4.5	101

34 - 47	-	*	0.2	0.3	0.1	-	-	-	-	-	-	-	-	-	-	-	0.6	14
> 48	-	0.1	-	*	-	-	-	-	-	-	-	-	-	-	-	-	0.1	3
TOTAL %	13.8	73.4	10.6	1.9	0.3	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	308	1633	236	43	6	0	0	0	0	0	0	0	0	0	0	0		2226

(* < 0.05%)

STATION: DUCN7

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

Month: FEB

WIND SPEED	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4		
0	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	>13.4	TOT %	TOT N
1 - 3	0.1	0.1	0.1	-	-	-	-	-	-	-	-	-	-	-	-	0.2	4
4 - 6	0.4	2.4	0.1	-	-	-	-	-	-	-	-	-	-	-	-	2.9	55
7 - 10	0.7	9.7	1.1	0.2	-	-	-	-	-	-	-	-	-	-	-	11.7	223
11 - 15	2.9	19.3	2.0	0.3	-	-	-	-	-	-	-	-	-	-	-	24.5	467
16 - 20	3.6	24.1	1.9	0.4	-	-	-	-	-	-	-	-	-	-	-	30.1	574
21 - 24	0.4	15.3	2.6	0.4	-	-	-	-	-	-	-	-	-	-	-	18.7	358
25 - 33	0.1	3.9	2.1	0.4	-	-	-	-	-	-	-	-	-	-	-	6.5	124
34 - 47	-	1.0	1.8	2.5	-	-	-	-	-	-	-	-	-	-	-	5.3	101
> 48	-	-	-	0.2	-	-	-	-	-	-	-	-	-	-	-	0.2	4
TOTAL %	8.1	75.9	11.7	4.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	154	1449	223	84	0	0	0	0	0	0	0	0	0	0	0		1910

(* < 0.05%)

STATION: DUCN7

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

Month: MAR

WIND SPEED	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4		
0	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	>13.4	TOT %	TOT N
1 - 3	-	0.3	-	-	-	-	-	-	-	-	-	-	-	-	-	0.3	6
4 - 6	*	3.0	-	-	-	-	-	-	-	-	-	-	-	-	-	3.1	65
7 - 10	0.9	9.1	0.6	-	-	-	-	-	-	-	-	-	-	-	-	10.7	225
11 - 15	4.4	20.2	0.9	-	-	-	-	-	-	-	-	-	-	-	-	25.5	538
16 - 20	6.0	23.9	1.5	-	-	-	-	-	-	-	-	-	-	-	-	31.4	662
21 - 24	1.9	13.1	2.7	-	-	-	-	-	-	-	-	-	-	-	-	17.7	374
25 - 33	0.1	4.9	2.2	0.1	-	-	-	-	-	-	-	-	-	-	-	7.3	155
34 - 47	-	2.0	1.1	0.5	-	-	-	-	-	-	-	-	-	-	-	3.6	77
> 48	-	*	-	0.1	-	-	-	-	-	-	-	-	-	-	-	0.2	4
TOTAL %	13.4	76.8	9.1	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	283	1620	191	16	0	0	0	0	0	0	0	0	0	0	0		2110

(* < 0.05%)

STATION: DUCN7

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	TOT %	TOT N
1 - 3	-	0.3	-	-	-	-	-	-	-	-	-	-	-	-	-	0.3	5
4 - 6	0.1	3.3	0.2	-	-	-	-	-	-	-	-	-	-	-	-	3.5	65
7 - 10	0.5	6.8	1.0	-	-	-	-	-	-	-	-	-	-	-	-	8.3	156
11 - 15	1.7	16.5	1.8	-	-	-	-	-	-	-	-	-	-	-	-	19.9	374
16 - 20	6.4	22.1	2.2	0.1	-	-	-	-	-	-	-	-	-	-	-	30.8	577
21 - 24	3.3	15.6	2.1	0.2	-	-	-	-	-	-	-	-	-	-	-	21.1	395
25 - 33	0.5	6.1	2.9	0.1	-	-	-	-	-	-	-	-	-	-	-	9.6	180
34 - 47	-	2.1	2.5	0.9	-	-	-	-	-	-	-	-	-	-	-	5.5	103
> 48	-	0.1	0.5	0.6	-	-	-	-	-	-	-	-	-	-	-	1.1	21
TOTAL %	12.4	72.7	13.2	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	233	1363	247	33	0	0	0	0	0	0	0	0	0	0	0		1876

(* < 0.05%)

STATION: DUCN7

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	TOT %	TOT N

0	-	0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.2	3
1 - 3	0.6	2.5	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	3.2	45
4 - 6	2.8	7.4	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	10.3	147
7 - 10	11.5	14.5	0.4	-	-	-	-	-	-	-	-	-	-	-	-	-	26.4	375
11 - 15	12.8	16.0	1.3	-	-	-	-	-	-	-	-	-	-	-	-	-	30.0	427
16 - 20	6.8	10.3	2.1	0.1	-	-	-	-	-	-	-	-	-	-	-	-	19.3	274
21 - 24	0.9	3.7	2.0	1.1	-	-	-	-	-	-	-	-	-	-	-	-	7.7	109
25 - 33	-	0.6	1.3	1.2	-	-	-	-	-	-	-	-	-	-	-	-	3.0	43
34 - 47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	35.4	55.2	7.1	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	504	785	101	33	0	0	0	0	0	0	0	0	0	0	0	0		1423

(* < 0.05%)

STATION: DUCN7

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

Month: JUN

WIND SPEED	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4		
0	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	-	0.2	2
1 - 3	2.6	2.0	-	-	-	-	-	-	-	-	-	-	-	-	-	4.6	55
4 - 6	5.0	8.9	-	-	-	-	-	-	-	-	-	-	-	-	-	13.8	164
7 - 10	12.7	19.2	-	-	-	-	-	-	-	-	-	-	-	-	-	31.9	378
11 - 15	12.7	20.6	0.8	-	-	-	-	-	-	-	-	-	-	-	-	34.1	404
16 - 20	3.4	6.5	3.0	-	-	-	-	-	-	-	-	-	-	-	-	12.8	152
21 - 24	0.1	0.3	1.4	-	-	-	-	-	-	-	-	-	-	-	-	1.8	21
25 - 33	0.1	0.1	0.3	0.3	-	-	-	-	-	-	-	-	-	-	-	0.8	9
34 - 47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	36.5	57.8	5.4	0.3	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	433	685	64	3	0	0	0	0	0	0	0	0	0	0	0		1185

(* < 0.05%)

STATION: DUCN7

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

Month: JUL

WIND SPEED	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4		
0	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	-	0.6	8
1 - 3	1.7	4.2	-	-	-	-	-	-	-	-	-	-	-	-	-	5.8	83
4 - 6	5.3	10.0	-	-	-	-	-	-	-	-	-	-	-	-	-	15.3	217
7 - 10	15.3	20.8	-	-	-	-	-	-	-	-	-	-	-	-	-	36.1	513
11 - 15	14.2	18.4	-	-	-	-	-	-	-	-	-	-	-	-	-	32.7	464
16 - 20	4.9	3.6	0.1	-	-	-	-	-	-	-	-	-	-	-	-	8.6	122
21 - 24	0.2	0.5	0.1	-	-	-	-	-	-	-	-	-	-	-	-	0.8	11
25 - 33	-	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	0.1	2
34 - 47	-	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	0.1	1
> 48	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	41.7	58.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	593	826	2	0	0	0	0	0	0	0	0	0	0	0	0		1421

(* < 0.05%)

STATION: DUCN7

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

Month: AUG

WIND SPEED	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4		
0	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	-	0.7	12
1 - 3	1.5	5.1	-	-	-	-	-	-	-	-	-	-	-	-	-	6.6	116
4 - 6	5.2	12.5	-	-	-	-	-	-	-	-	-	-	-	-	-	17.8	313
7 - 10	10.1	24.0	-	-	-	-	-	-	-	-	-	-	-	-	-	34.0	599
11 - 15	6.2	18.1	0.6	-	-	-	-	-	-	-	-	-	-	-	-	24.9	438
16 - 20	1.4	5.5	2.2	-	-	-	-	-	-	-	-	-	-	-	-	9.1	160
21 - 24	-	0.7	3.4	-	-	-	-	-	-	-	-	-	-	-	-	4.0	71
25 - 33	0.4	0.1	2.0	0.1	-	-	-	-	-	-	-	-	-	-	-	2.6	45
34 - 47	-	-	0.2	0.2	-	-	-	-	-	-	-	-	-	-	-	0.4	7
> 48	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	25.0	66.4	8.3	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	440	1170	147	4	0	0	0	0	0	0	0	0	0	0	0		1761

(* < 0.05%)

STATION: DUCN7

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	-	0.2	5
1 - 3	0.9	3.6	-	-	-	-	-	-	-	-	-	-	-	-	-	4.5	92
4 - 6	4.6	11.1	0.2	0.1	-	-	-	-	-	-	-	-	-	-	-	16.0	325
7 - 10	8.5	22.3	0.5	0.2	-	-	-	-	-	-	-	-	-	-	-	31.6	643
11 - 15	4.7	25.7	0.1	*	-	-	-	-	-	-	-	-	-	-	-	30.5	620
16 - 20	1.3	8.4	0.9	0.2	-	-	-	-	-	-	-	-	-	-	-	10.8	220
21 - 24	0.3	1.8	0.8	0.4	-	-	-	-	-	-	-	-	-	-	-	3.3	67
25 - 33	*	0.8	1.7	*	-	-	-	-	-	-	-	-	-	-	-	2.6	53
34 - 47	-	-	*	0.3	-	-	-	-	-	-	-	-	-	-	-	0.4	8
> 48	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	20.4	73.8	4.3	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	415	1501	88	29	0	0	0	0	0	0	0	0	0	0	0		2033

(* < 0.05%)

STATION: DUCN7

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	-	0.6	12
1 - 3	0.8	3.5	-	-	-	-	-	-	-	-	-	-	-	-	-	4.3	93
4 - 6	4.3	11.6	0.7	-	-	-	-	-	-	-	-	-	-	-	-	16.6	359
7 - 10	8.5	20.1	0.9	-	-	-	-	-	-	-	-	-	-	-	-	29.5	636
11 - 15	3.4	21.3	2.0	0.1	-	-	-	-	-	-	-	-	-	-	-	26.8	578
16 - 20	0.3	9.3	2.4	0.2	-	-	-	-	-	-	-	-	-	-	-	12.1	261
21 - 24	0.1	2.1	4.6	0.2	-	-	-	-	-	-	-	-	-	-	-	7.0	151
25 - 33	-	0.5	2.1	0.3	-	-	-	-	-	-	-	-	-	-	-	2.9	63
34 - 47	-	*	*	*	-	-	-	-	-	-	-	-	-	-	-	0.1	3
> 48	-	-	-	*	-	-	-	-	-	-	-	-	-	-	-	0.0	1
TOTAL %	17.4	68.9	12.7	0.9	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	375	1487	275	20	0	0	0	0	0	0	0	0	0	0	0		2157

(* < 0.05%)

STATION: DUCN7

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	-	0.2	3
1 - 3	0.6	3.8	-	0.1	-	-	-	-	-	-	-	-	-	-	-	4.5	65
4 - 6	1.9	11.9	0.9	0.2	-	-	-	-	-	-	-	-	-	-	-	14.9	214
7 - 10	4.6	20.1	2.0	0.3	-	-	-	-	-	-	-	-	-	-	-	27.0	389
11 - 15	3.3	22.2	3.2	0.1	-	-	-	-	-	-	-	-	-	-	-	28.8	415
16 - 20	0.8	12.5	1.6	-	-	-	-	-	-	-	-	-	-	-	-	14.9	215
21 - 24	0.1	4.0	1.9	0.1	-	-	-	-	-	-	-	-	-	-	-	6.2	90
25 - 33	-	1.0	1.9	0.1	-	-	-	-	-	-	-	-	-	-	-	3.1	44
34 - 47	-	0.1	0.3	-	-	-	-	-	-	-	-	-	-	-	-	0.4	6
> 48	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	11.2	75.9	11.9	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	162	1093	172	14	0	0	0	0	0	0	0	0	0	0	0		1441

(* < 0.05%)

STATION: DUCN7

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

Month: DEC

WIND SPEED	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4		
0	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	-	0.9	20
1 - 3	0.5	3.8	0.1	-	-	-	-	-	-	-	-	-	-	-	-	4.4	101
4 - 6	1.6	11.2	0.5	-	-	-	-	-	-	-	-	-	-	-	-	13.3	308
7 - 10	6.2	21.2	0.7	-	-	-	-	-	-	-	-	-	-	-	-	28.1	650
11 - 15	6.3	18.6	1.1	-	-	-	-	-	-	-	-	-	-	-	-	26.0	602
16 - 20	1.3	11.0	2.3	*	-	-	-	-	-	-	-	-	-	-	-	14.6	338
21 - 24	0.4	3.6	2.1	0.5	-	-	-	-	-	-	-	-	-	-	-	6.6	152

1 - 3	1.9	3.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.8	254
4 - 6	5.2	10.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15.9	694
7 - 10	12.5	21.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	34.1	1490
11 - 15	10.6	18.9	0.4	-	-	-	-	-	-	-	-	-	-	-	-	-	29.9	1306
16 - 20	3.1	5.1	1.7	-	-	-	-	-	-	-	-	-	-	-	-	-	9.9	434
21 - 24	0.1	0.5	1.7	-	-	-	-	-	-	-	-	-	-	-	-	-	2.4	103
25 - 33	0.2	0.1	0.9	0.1	-	-	-	-	-	-	-	-	-	-	-	-	1.3	56
34 - 47	-	*	0.1	0.1	-	-	-	-	-	-	-	-	-	-	-	-	0.2	8
> 48	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	33.6	61.4	4.9	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	1466	2681	213	7	0	0	0	0	0	0	0	0	0	0	0	0		4367

(* < 0.05%)

STATION: DUCN7

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

Months: SEP, OCT, NOV (Autumn)

		WAVE HEIGHT																
		0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4	TOT %	TOT N
WIND SPEED	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4				
0	*	0.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.4	20
1 - 3	0.8	3.6	-	*	-	-	-	-	-	-	-	-	-	-	-	-	4.4	250
4 - 6	3.8	11.5	0.6	0.1	-	-	-	-	-	-	-	-	-	-	-	-	15.9	898
7 - 10	7.5	20.9	1.1	0.2	-	-	-	-	-	-	-	-	-	-	-	-	29.6	1668
11 - 15	3.8	23.1	1.6	0.1	-	-	-	-	-	-	-	-	-	-	-	-	28.6	1613
16 - 20	0.8	9.8	1.6	0.2	-	-	-	-	-	-	-	-	-	-	-	-	12.4	696
21 - 24	0.2	2.5	2.5	0.3	-	-	-	-	-	-	-	-	-	-	-	-	5.5	308
25 - 33	*	0.7	1.9	0.2	-	-	-	-	-	-	-	-	-	-	-	-	2.8	160
34 - 47	-	*	0.1	0.1	-	-	-	-	-	-	-	-	-	-	-	-	0.3	17
> 48	-	-	-	*	-	-	-	-	-	-	-	-	-	-	-	-	0.0	1
TOTAL %	16.9	72.5	9.5	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	952	4081	535	63	0	0	0	0	0	0	0	0	0	0	0	0		5631

(* < 0.05%)

STATION: DUCN7

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

Month: JAN

		WAVE HEIGHT																
		0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4	TOT %	TOT N
WAVE PERIOD	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4				
< 0.5	0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.2	5
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	0.1	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.1	3
3.5 - 4.4	0.9	2.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.4	75
4.5 - 5.4	0.2	6.1	*	-	-	-	-	-	-	-	-	-	-	-	-	-	6.3	140
5.5 - 6.4	0.1	11.5	1.1	-	-	-	-	-	-	-	-	-	-	-	-	-	12.7	283
6.5 - 7.4	0.3	8.2	1.2	-	-	-	-	-	-	-	-	-	-	-	-	-	9.7	216
7.5 - 8.4	1.6	7.2	1.2	0.2	-	-	-	-	-	-	-	-	-	-	-	-	10.2	226
8.5 - 9.4	2.2	8.7	0.9	0.2	-	-	-	-	-	-	-	-	-	-	-	-	12.0	267
9.5 - 10.4	4.4	13.9	1.2	0.1	-	-	-	-	-	-	-	-	-	-	-	-	19.5	435
10.5 - 11.4	2.3	6.6	1.9	0.7	0.1	-	-	-	-	-	-	-	-	-	-	-	11.6	258
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	1.3	6.1	1.7	0.4	*	-	-	-	-	-	-	-	-	-	-	-	9.4	210
13.5 - 14.4	0.4	2.6	1.4	0.3	0.1	-	-	-	-	-	-	-	-	-	-	-	4.8	107
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	1
TOTAL %	13.8	73.4	10.6	1.9	0.3	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	308	1633	236	43	6	0	0	0	0	0	0	0	0	0	0	0		2226

(* < 0.05%)

STATION: DUCN7

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

Month: FEB

		WAVE HEIGHT																
		0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4	TOT %	TOT N
WAVE PERIOD	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4				
< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	0.1	0.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.6	12
3.5 - 4.4	0.4	2.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.6	50
4.5 - 5.4	0.3	4.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.0	96
5.5 - 6.4	0.5	8.8	0.9	-	-	-	-	-	-	-	-	-	-	-	-	-	10.2	194
6.5 - 7.4	0.7	9.3	1.6	0.1	-	-	-	-	-	-	-	-	-	-	-	-	11.7	224
7.5 - 8.4	1.1	10.1	0.9	0.6	-	-	-	-	-	-	-	-	-	-	-	-	12.7	242

8.5 - 9.4	1.3	11.4	0.8	0.2	-	-	-	-	-	-	-	-	-	-	-	13.7	262
9.5 - 10.4	1.4	11.5	0.8	0.3	-	-	-	-	-	-	-	-	-	-	-	13.9	266
10.5 - 11.4	1.5	7.6	1.7	1.6	-	-	-	-	-	-	-	-	-	-	-	12.5	239
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	0.7	6.9	4.1	1.6	-	-	-	-	-	-	-	-	-	-	-	13.2	253
13.5 - 14.4	0.1	2.8	0.8	0.1	-	-	-	-	-	-	-	-	-	-	-	3.7	71
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.1	1
TOTAL %	8.1	75.9	11.7	4.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	154	1449	223	84	0	0	0	0	0	0	0	0	0	0	0		1910

(* < 0.05%)

STATION: DUCN7

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	*	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	0.6	12
3.5 - 4.4	*	2.3	-	-	-	-	-	-	-	-	-	-	-	-	-	2.4	50
4.5 - 5.4	-	4.3	-	-	-	-	-	-	-	-	-	-	-	-	-	4.3	90
5.5 - 6.4	0.3	10.0	0.9	-	-	-	-	-	-	-	-	-	-	-	-	11.3	238
6.5 - 7.4	0.6	9.1	0.8	-	-	-	-	-	-	-	-	-	-	-	-	10.5	222
7.5 - 8.4	2.8	12.4	0.6	*	-	-	-	-	-	-	-	-	-	-	-	15.8	334
8.5 - 9.4	3.6	10.9	0.3	0.1	-	-	-	-	-	-	-	-	-	-	-	15.0	316
9.5 - 10.4	2.1	10.1	0.5	0.1	-	-	-	-	-	-	-	-	-	-	-	12.8	270
10.5 - 11.4	1.0	6.9	1.0	0.1	-	-	-	-	-	-	-	-	-	-	-	9.0	190
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	1.0	6.4	3.8	0.2	-	-	-	-	-	-	-	-	-	-	-	11.5	242
13.5 - 14.4	0.9	2.7	1.1	0.2	-	-	-	-	-	-	-	-	-	-	-	4.9	103
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	0.9	1.1	-	-	-	-	-	-	-	-	-	-	-	-	-	2.0	43
TOTAL %	13.4	76.8	9.1	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	283	1620	191	16	0	0	0	0	0	0	0	0	0	0	0		2110

(* < 0.05%)

STATION: DUCN7

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	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.1	1
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	0.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.4	8
3.5 - 4.4	0.1	1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	1.5	28
4.5 - 5.4	0.2	5.0	-	-	-	-	-	-	-	-	-	-	-	-	-	5.2	97
5.5 - 6.4	0.2	7.3	1.1	-	-	-	-	-	-	-	-	-	-	-	-	8.6	161
6.5 - 7.4	1.5	8.4	1.8	-	-	-	-	-	-	-	-	-	-	-	-	11.8	221
7.5 - 8.4	2.2	13.3	1.8	0.5	-	-	-	-	-	-	-	-	-	-	-	17.8	334
8.5 - 9.4	2.8	9.9	1.2	0.4	-	-	-	-	-	-	-	-	-	-	-	14.2	267
9.5 - 10.4	1.7	10.9	2.4	0.4	-	-	-	-	-	-	-	-	-	-	-	15.4	289
10.5 - 11.4	0.7	9.3	2.2	-	-	-	-	-	-	-	-	-	-	-	-	12.2	228
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	2.2	4.5	2.3	0.4	-	-	-	-	-	-	-	-	-	-	-	9.4	177
13.5 - 14.4	0.9	2.1	0.4	0.1	-	-	-	-	-	-	-	-	-	-	-	3.4	64
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	0.1	1
TOTAL %	12.4	72.7	13.2	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	233	1363	247	33	0	0	0	0	0	0	0	0	0	0	0		1876

(* < 0.05%)

STATION: DUCN7

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

Month: MAY

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0- 0.4	0.5- 1.4	1.5- 2.4	2.5- 3.4	3.5- 4.4	4.5- 5.4	5.5- 6.4	6.5- 7.4	7.5- 8.4	8.5- 9.4	9.5- 10.4	10.5- 11.4	11.5- 12.4	12.5- 13.4	>13.4		
< 0.5	0.4	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	0.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.4	6
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	0.2	0.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.8	11
3.5 - 4.4	1.2	3.5	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	4.8	68
4.5 - 5.4	0.8	5.2	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	6.1	86
5.5 - 6.4	1.8	5.2	0.6	-	-	-	-	-	-	-	-	-	-	-	-	-	7.5	107
6.5 - 7.4	2.2	4.4	0.6	-	-	-	-	-	-	-	-	-	-	-	-	-	7.3	103
7.5 - 8.4	5.8	16.7	1.1	-	-	-	-	-	-	-	-	-	-	-	-	-	23.7	336
8.5 - 9.4	9.4	9.6	0.7	-	-	-	-	-	-	-	-	-	-	-	-	-	19.6	279
9.5 - 10.4	1.7	3.1	1.7	-	-	-	-	-	-	-	-	-	-	-	-	-	6.5	92
10.5 - 11.4	2.4	2.3	1.1	0.7	-	-	-	-	-	-	-	-	-	-	-	-	6.5	92
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	3.8	1.4	1.1	1.4	-	-	-	-	-	-	-	-	-	-	-	-	7.7	110
13.5 - 14.4	5.1	3.1	-	0.2	-	-	-	-	-	-	-	-	-	-	-	-	8.4	119
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	0.6	0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.8	11
TOTAL %	35.3	55.3	7.1	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	501	785	101	33	0	0	0	0	0	0	0	0	0	0	0	0		1420

(* < 0.05%)

STATION: DUCN7

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

Month: JUN

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4		
< 0.5	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	>13.4	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	0.9	1.0	-	-	-	-	-	-	-	-	-	-	-	-	-	1.9	23
3.5 - 4.4	1.8	4.1	-	-	-	-	-	-	-	-	-	-	-	-	-	5.9	70
4.5 - 5.4	2.3	5.8	-	-	-	-	-	-	-	-	-	-	-	-	-	8.1	96
5.5 - 6.4	0.3	3.3	-	-	-	-	-	-	-	-	-	-	-	-	-	3.6	43
6.5 - 7.4	0.9	3.6	-	-	-	-	-	-	-	-	-	-	-	-	-	4.6	54
7.5 - 8.4	13.5	18.6	0.3	-	-	-	-	-	-	-	-	-	-	-	-	32.4	384
8.5 - 9.4	6.2	11.5	0.4	-	-	-	-	-	-	-	-	-	-	-	-	18.1	215
9.5 - 10.4	2.2	6.2	1.1	0.1	-	-	-	-	-	-	-	-	-	-	-	9.5	113
10.5 - 11.4	1.9	0.8	2.3	0.1	-	-	-	-	-	-	-	-	-	-	-	5.1	61
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	4.1	1.1	1.3	0.1	-	-	-	-	-	-	-	-	-	-	-	6.5	77
13.5 - 14.4	2.3	1.6	0.1	-	-	-	-	-	-	-	-	-	-	-	-	4.0	47
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	0.1	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	0.2	2
TOTAL %	36.5	57.8	5.4	0.3	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	433	685	64	3	0	0	0	0	0	0	0	0	0	0	0		1185

(* < 0.05%)

STATION: DUCN7

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

Month: JUL

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	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	0.4	0.6	-	-	-	-	-	-	-	-	-	-	-	-	-	0.9	13
3.5 - 4.4	0.4	3.0	-	-	-	-	-	-	-	-	-	-	-	-	-	3.4	49
4.5 - 5.4	0.7	9.2	-	-	-	-	-	-	-	-	-	-	-	-	-	9.9	141
5.5 - 6.4	1.0	9.6	0.1	-	-	-	-	-	-	-	-	-	-	-	-	10.8	153
6.5 - 7.4	2.0	6.6	-	-	-	-	-	-	-	-	-	-	-	-	-	8.6	122
7.5 - 8.4	10.3	13.4	-	-	-	-	-	-	-	-	-	-	-	-	-	23.8	338
8.5 - 9.4	7.8	8.7	-	-	-	-	-	-	-	-	-	-	-	-	-	16.5	234
9.5 - 10.4	6.5	3.4	-	-	-	-	-	-	-	-	-	-	-	-	-	10.0	142
10.5 - 11.4	3.2	1.5	-	-	-	-	-	-	-	-	-	-	-	-	-	4.8	68
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	3.8	0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	4.0	57
13.5 - 14.4	5.2	1.8	-	-	-	-	-	-	-	-	-	-	-	-	-	7.0	99
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	0.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.4	5
TOTAL %	41.7	58.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	593	826	2	0	0	0	0	0	0	0	0	0	0	0	0		1421

(* < 0.05%)

STATION: DUCN7

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

Month: AUG

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0- 0.4	0.5- 1.4	1.5- 2.4	2.5- 3.4	3.5- 4.4	4.5- 5.4	5.5- 6.4	6.5- 7.4	7.5- 8.4	8.5- 9.4	9.5- 10.4	10.5- 11.4	11.5- 12.4	12.5- 13.4	>13.4		
< 0.5	0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.2	3
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	0.1	0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	0.3	6
3.5 - 4.4	0.3	1.8	-	-	-	-	-	-	-	-	-	-	-	-	-	2.1	37
4.5 - 5.4	0.6	3.7	0.1	-	-	-	-	-	-	-	-	-	-	-	-	4.4	77
5.5 - 6.4	0.7	7.7	0.5	-	-	-	-	-	-	-	-	-	-	-	-	8.8	155
6.5 - 7.4	1.1	10.2	1.8	-	-	-	-	-	-	-	-	-	-	-	-	13.1	231
7.5 - 8.4	9.3	20.7	1.9	-	-	-	-	-	-	-	-	-	-	-	-	31.9	561
8.5 - 9.4	4.4	5.1	0.1	-	-	-	-	-	-	-	-	-	-	-	-	9.6	169
9.5 - 10.4	2.3	3.7	-	-	-	-	-	-	-	-	-	-	-	-	-	6.0	106
10.5 - 11.4	4.0	3.5	0.7	0.2	-	-	-	-	-	-	-	-	-	-	-	8.5	149
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	1.0	3.7	1.9	-	-	-	-	-	-	-	-	-	-	-	-	6.5	115
13.5 - 14.4	1.1	5.5	1.2	-	-	-	-	-	-	-	-	-	-	-	-	7.9	139
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	0.1	0.5	0.2	-	-	-	-	-	-	-	-	-	-	-	-	0.7	13
TOTAL %	25.0	66.4	8.3	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	440	1170	147	4	0	0	0	0	0	0	0	0	0	0	0		1761

(* < 0.05%)

STATION: DUCN7

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

Month: SEP

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0- 0.4	0.5- 1.4	1.5- 2.4	2.5- 3.4	3.5- 4.4	4.5- 5.4	5.5- 6.4	6.5- 7.4	7.5- 8.4	8.5- 9.4	9.5- 10.4	10.5- 11.4	11.5- 12.4	12.5- 13.4	>13.4		
< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	0.1	0.3	-	-	-	-	-	-	-	-	-	-	-	-	-	0.4	8
3.5 - 4.4	-	2.3	-	-	-	-	-	-	-	-	-	-	-	-	-	2.3	46
4.5 - 5.4	0.3	5.6	-	-	-	-	-	-	-	-	-	-	-	-	-	6.0	121
5.5 - 6.4	0.4	7.6	0.6	-	-	-	-	-	-	-	-	-	-	-	-	8.6	175
6.5 - 7.4	1.2	5.7	1.0	-	-	-	-	-	-	-	-	-	-	-	-	7.9	160
7.5 - 8.4	3.9	5.5	0.6	0.1	-	-	-	-	-	-	-	-	-	-	-	10.1	206
8.5 - 9.4	4.6	7.9	0.3	0.2	-	-	-	-	-	-	-	-	-	-	-	13.1	266
9.5 - 10.4	3.4	6.7	-	-	-	-	-	-	-	-	-	-	-	-	-	10.1	206
10.5 - 11.4	2.0	9.9	0.2	-	-	-	-	-	-	-	-	-	-	-	-	12.2	247
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	2.2	15.9	0.7	0.3	-	-	-	-	-	-	-	-	-	-	-	19.1	388
13.5 - 14.4	1.5	4.7	0.7	0.7	-	-	-	-	-	-	-	-	-	-	-	7.7	156
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	0.8	1.8	-	-	-	-	-	-	-	-	-	-	-	-	-	2.6	52
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	*	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	1
TOTAL %	20.4	73.8	4.3	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	415	1500	88	29	0	0	0	0	0	0	0	0	0	0	0		2032

(* < 0.05%)

STATION: DUCN7

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

Month: OCT

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0- 0.4	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	0.6	-	-	-	-	-	-	-	-	-	-	-	-	-	0.7	15
3.5 - 4.4	0.4	4.1	*	-	-	-	-	-	-	-	-	-	-	-	-	4.6	99
4.5 - 5.4	0.3	7.2	-	-	-	-	-	-	-	-	-	-	-	-	-	7.6	163
5.5 - 6.4	0.8	9.1	0.9	*	-	-	-	-	-	-	-	-	-	-	-	10.9	234
6.5 - 7.4	0.4	6.3	2.7	*	-	-	-	-	-	-	-	-	-	-	-	9.4	203
7.5 - 8.4	2.2	7.4	1.6	-	-	-	-	-	-	-	-	-	-	-	-	11.2	242
8.5 - 9.4	3.4	6.2	0.5	*	-	-	-	-	-	-	-	-	-	-	-	10.2	219

(* < 0.05%)

STATION: DUCN7

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	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.1	3
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	0.4	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	1.0	42
3.5 - 4.4	0.7	2.8	-	-	-	-	-	-	-	-	-	-	-	-	-	3.6	156
4.5 - 5.4	1.1	6.1	*	-	-	-	-	-	-	-	-	-	-	-	-	7.2	314
5.5 - 6.4	0.7	7.1	0.2	-	-	-	-	-	-	-	-	-	-	-	-	8.0	351
6.5 - 7.4	1.3	7.3	0.7	-	-	-	-	-	-	-	-	-	-	-	-	9.3	407
7.5 - 8.4	10.8	17.8	0.8	-	-	-	-	-	-	-	-	-	-	-	-	29.4	1283
8.5 - 9.4	6.0	8.0	0.2	-	-	-	-	-	-	-	-	-	-	-	-	14.2	618
9.5 - 10.4	3.7	4.3	0.3	*	-	-	-	-	-	-	-	-	-	-	-	8.3	361
10.5 - 11.4	3.2	2.2	0.9	0.1	-	-	-	-	-	-	-	-	-	-	-	6.4	278
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	2.7	1.9	1.1	*	-	-	-	-	-	-	-	-	-	-	-	5.7	249
13.5 - 14.4	2.8	3.2	0.5	-	-	-	-	-	-	-	-	-	-	-	-	6.5	285
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	0.2	0.2	0.1	-	-	-	-	-	-	-	-	-	-	-	-	0.5	20
TOTAL %	33.6	61.4	4.9	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	1466	2681	213	7	0	0	0	0	0	0	0	0	0	0	0		4367

(* < 0.05%)

STATION: DUCN7

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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	0.1	0.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.4	25
3.5 - 4.4	0.2	2.9	*	-	-	-	-	-	-	-	-	-	-	-	-	3.1	175
4.5 - 5.4	0.2	6.0	*	-	-	-	-	-	-	-	-	-	-	-	-	6.3	353
5.5 - 6.4	0.5	8.5	0.9	*	-	-	-	-	-	-	-	-	-	-	-	9.8	554
6.5 - 7.4	0.6	6.3	2.0	*	-	-	-	-	-	-	-	-	-	-	-	9.0	506
7.5 - 8.4	2.4	6.8	1.5	0.1	-	-	-	-	-	-	-	-	-	-	-	10.8	605
8.5 - 9.4	3.4	8.2	0.6	0.1	-	-	-	-	-	-	-	-	-	-	-	12.4	695
9.5 - 10.4	3.3	9.1	0.9	0.2	-	-	-	-	-	-	-	-	-	-	-	13.5	759
10.5 - 11.4	2.2	11.1	0.9	0.1	-	-	-	-	-	-	-	-	-	-	-	14.2	800
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	1.9	9.9	1.3	0.1	-	-	-	-	-	-	-	-	-	-	-	13.2	745
13.5 - 14.4	1.8	2.5	1.3	0.4	-	-	-	-	-	-	-	-	-	-	-	5.9	334
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	0.3	0.6	0.2	0.2	-	-	-	-	-	-	-	-	-	-	-	1.3	74
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	*	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	1
TOTAL %	16.9	72.4	9.5	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	952	4076	535	63	0	0	0	0	0	0	0	0	0	0	0		5626

(* < 0.05%)

STATION: DUCN7

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

Month: JAN

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4		
< 0.5	0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.2	5
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
3.5 - 4.4	1.7	5.1	-	-	-	-	-	-	-	-	-	-	-	-	-	6.7	150
4.5 - 5.4	6.0	29.1	1.7	-	-	-	-	-	-	-	-	-	-	-	-	36.8	819
5.5 - 6.4	4.1	25.3	3.3	0.3	-	-	-	-	-	-	-	-	-	-	-	33.0	735
6.5 - 7.4	1.8	11.1	3.0	1.3	0.3	-	-	-	-	-	-	-	-	-	-	17.6	391
7.5 - 8.4	-	2.2	2.0	0.3	-	-	-	-	-	-	-	-	-	-	-	4.5	100
8.5 - 9.4	-	0.5	0.7	-	-	-	-	-	-	-	-	-	-	-	-	1.2	26

1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
3.5 - 4.4	4.2	8.6	-	-	-	-	-	-	-	-	-	-	-	-	-	12.8	182
4.5 - 5.4	18.4	21.8	0.8	-	-	-	-	-	-	-	-	-	-	-	-	41.0	584
5.5 - 6.4	11.9	17.8	4.7	0.1	-	-	-	-	-	-	-	-	-	-	-	34.5	491
6.5 - 7.4	0.5	6.7	1.3	2.2	-	-	-	-	-	-	-	-	-	-	-	10.7	152
7.5 - 8.4	-	0.3	0.3	-	-	-	-	-	-	-	-	-	-	-	-	0.6	8
TOTAL %	35.4	55.2	7.1	2.3	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	504	785	101	33	0	0	0	0	0	0	0	0	0	0	0		1423

(* < 0.05%)

STATION: DUCN7

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

Month: JUN

		WAVE HEIGHT																
WAVE PERIOD		0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4	TOT %	TOT N
< 0.5		0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	-	0.0	0
0.5 - 1.4		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4		0.2	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	0.3	3
3.5 - 4.4		4.4	8.9	-	-	-	-	-	-	-	-	-	-	-	-	-	13.2	157
4.5 - 5.4		16.4	20.8	0.1	-	-	-	-	-	-	-	-	-	-	-	-	37.3	442
5.5 - 6.4		14.3	22.2	3.3	0.1	-	-	-	-	-	-	-	-	-	-	-	39.9	473
6.5 - 7.4		0.9	4.6	2.0	0.2	-	-	-	-	-	-	-	-	-	-	-	7.8	92
7.5 - 8.4		0.3	1.2	-	-	-	-	-	-	-	-	-	-	-	-	-	1.5	18
TOTAL %		36.5	57.8	5.4	0.3	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		433	685	64	3	0	0	0	0	0	0	0	0	0	0	0		1185

(* < 0.05%)

STATION: DUCN7

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

Month: JUL

		WAVE HEIGHT																
WAVE PERIOD		0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4	TOT %	TOT N
< 0.5		0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	-	0.0	0
0.5 - 1.4		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
3.5 - 4.4		2.6	11.0	-	-	-	-	-	-	-	-	-	-	-	-	-	13.7	194
4.5 - 5.4		18.8	27.8	0.1	-	-	-	-	-	-	-	-	-	-	-	-	46.7	664
5.5 - 6.4		18.5	15.8	-	-	-	-	-	-	-	-	-	-	-	-	-	34.3	487
6.5 - 7.4		1.8	3.4	-	-	-	-	-	-	-	-	-	-	-	-	-	5.2	74
7.5 - 8.4		-	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	0.1	2
TOTAL %		41.7	58.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N		593	826	2	0	0	0	0	0	0	0	0	0	0	0	0		1421

(* < 0.05%)

STATION: DUCN7

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

Month: AUG

		WAVE HEIGHT																
WAVE PERIOD		0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4	TOT %	TOT N
< 0.5		0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	-	0.2	3
0.5 - 1.4		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4		-	0.1	-	-	-	-	-	-	0.1	-	-	-	-	-	-	0.1	1
3.5 - 4.4		2.2	5.5	-	-	-	-	-	-	-	-	-	-	-	-	-	7.7	136
4.5 - 5.4		10.7	34.6	3.3	-	-	-	-	-	-	-	-	-	-	-	-	48.6	856
5.5 - 6.4		10.0	17.1	4.0	0.1	-	-	-	-	-	-	-	-	-	-	-	31.2	550
6.5 - 7.4		1.9	4.7	0.9	0.2	-	-	-	-	-	-	-	-	-	-	-	7.7	135
7.5 - 8.4		-	2.4	0.1	-	-	-	-	-	2.4	-	-	-	-	-	-	2.4	43
8.5 - 9.4		-	2.0	0.1	-	-	-	-	-	-	-	-	-	-	-	-	2.1	37
TOTAL %		25.0	66.4	8.3	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		440	1170	147	4	0	0	0	0	0	0	0	0	0	0	0		1761

(* < 0.05%)

STATION: DUCN7

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

Month: SEP

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-5.4	5.5-6.4	6.5-7.4	7.5-8.4	8.5-9.4	9.5-10.4	10.5-11.4	11.5-12.4	12.5-13.4	>13.4		
< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
3.5 - 4.4	0.3	6.8	-	-	-	-	-	-	-	-	-	-	-	-	-	7.2	146
4.5 - 5.4	7.3	26.0	1.6	-	-	-	-	-	-	-	-	-	-	-	-	34.9	710
5.5 - 6.4	11.5	21.0	1.9	0.6	-	-	-	-	-	-	-	-	-	-	-	35.0	711
6.5 - 7.4	1.3	15.0	0.1	0.6	-	-	-	-	-	-	-	-	-	-	-	17.0	345
7.5 - 8.4	-	4.1	0.7	0.2	-	-	-	-	-	-	-	-	-	-	-	5.0	102
8.5 - 9.4	-	0.9	-	-	-	-	-	-	-	-	-	-	-	-	-	0.9	19
TOTAL %	20.4	73.8	4.3	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	415	1501	88	29	0	0	0	0	0	0	0	0	0	0	0		2033

(* < 0.05%)

STATION: DUCN7

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

Month: OCT

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-5.4	5.5-6.4	6.5-7.4	7.5-8.4	8.5-9.4	9.5-10.4	10.5-11.4	11.5-12.4	12.5-13.4	>13.4		
< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	1
3.5 - 4.4	1.1	11.0	*	-	-	-	-	-	-	-	-	-	-	-	-	12.1	262
4.5 - 5.4	3.9	30.5	3.3	*	-	-	-	-	-	-	-	-	-	-	-	37.8	815
5.5 - 6.4	10.1	14.9	5.1	0.3	-	-	-	-	-	-	-	-	-	-	-	30.5	657
6.5 - 7.4	2.2	5.5	1.2	0.4	-	-	-	-	-	-	-	-	-	-	-	9.3	201
7.5 - 8.4	-	3.2	0.8	*	-	-	-	-	-	-	-	-	-	-	-	4.0	87
8.5 - 9.4	-	3.5	1.8	0.2	-	-	-	-	-	-	-	-	-	-	-	5.5	118
9.5 - 10.4	-	0.3	0.4	-	-	-	-	-	-	-	-	-	-	-	-	0.7	16
TOTAL %	17.4	68.9	12.7	0.9	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	375	1487	275	20	0	0	0	0	0	0	0	0	0	0	0		2157

(* < 0.05%)

STATION: DUCN7

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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
3.5 - 4.4	0.1	6.3	-	-	-	-	-	-	-	-	-	-	-	-	-	6.5	93
4.5 - 5.4	2.2	28.9	2.6	-	-	-	-	-	-	-	-	-	-	-	-	33.7	486
5.5 - 6.4	5.1	22.3	4.3	0.2	-	-	-	-	-	-	-	-	-	-	-	31.9	460
6.5 - 7.4	3.1	12.1	2.2	-	-	-	-	-	-	-	-	-	-	-	-	17.5	252
7.5 - 8.4	0.5	5.8	1.6	0.6	-	-	-	-	-	-	-	-	-	-	-	8.5	122
8.5 - 9.4	-	0.3	0.8	0.2	-	-	-	-	-	-	-	-	-	-	-	1.3	19
9.5 - 10.4	-	0.1	0.3	-	-	-	-	-	-	-	-	-	-	-	-	0.5	7
10.5 - 11.4	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.1	1
11.5 - 12.4	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.1	1
TOTAL %	11.2	75.9	11.9	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	162	1093	172	14	0	0	0	0	0	0	0	0	0	0	0		1441

(* < 0.05%)

STATION: DUCN7

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

Month: DEC

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-5.4	5.5-6.4	6.5-7.4	7.5-8.4	8.5-9.4	9.5-10.4	10.5-11.4	11.5-12.4	12.5-13.4	>13.4		
< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
3.5 - 4.4	1.8	4.9	-	-	-	-	-	-	-	-	-	-	-	-	-	6.7	155
4.5 - 5.4	5.1	27.2	2.5	-	-	-	-	-	-	-	-	-	-	-	-	34.8	805
5.5 - 6.4	6.9	18.6	3.6	0.4	-	-	-	-	-	-	-	-	-	-	-	29.5	683
6.5 - 7.4	2.3	13.0	2.3	0.8	-	-	-	-	-	-	-	-	-	-	-	18.4	425

7.5 - 8.4	0.4	6.8	0.9	-	-	-	-	-	-	-	-	-	-	-	-	-	8.1	188
8.5 - 9.4	*	2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.5	57
9.5 - 10.4	-	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.1	3
TOTAL %	16.5	73.0	9.4	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	381	1690	217	28	0	0	0	0	0	0	0	0	0	0	0	0		2316

(* < 0.05%)

STATION: DUCN7

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

All Months: Annual

		WAVE HEIGHT																
WAVE PERIOD		0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4	TOT %	TOT N
< 0.5		0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	-	0.1	15
0.5 - 1.4		0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	5
3.5 - 4.4		*	*	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	5
4.5 - 5.4		1.6	7.0	*	-	-	-	-	-	-	-	-	-	-	-	-	8.6	1876
5.5 - 6.4		7.7	28.1	1.9	*	-	-	-	-	-	-	-	-	-	-	-	37.8	8258
6.5 - 7.4		8.4	20.3	3.4	0.4	-	-	-	-	-	-	-	-	-	-	-	32.6	7117
7.5 - 8.4		1.6	9.7	2.1	0.8	*	-	-	-	-	-	-	-	-	-	-	14.3	3121
8.5 - 9.4		0.1	3.7	1.1	0.1	-	-	-	-	-	-	-	-	-	-	-	5.0	1091
9.5 - 10.4		*	1.1	0.4	*	-	-	-	-	-	-	-	-	-	-	-	1.6	345
10.5 - 11.4		-	0.1	0.1	-	-	-	-	-	-	-	-	-	-	-	-	0.1	29
11.5 - 12.4		*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	1
TOTAL %		19.6	70.0	9.0	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N		4281	15302	1963	307	6	0	0	0	0	0	0	0	0	0	0		21859

(* < 0.05%)

STATION: DUCN7

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

Months: DEC, JAN, FEB (Winter)

		WAVE HEIGHT																
WAVE PERIOD		0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4	TOT %	TOT N
< 0.5		0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	-	0.1	5
0.5 - 1.4		0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
3.5 - 4.4		1.4	4.9	-	-	-	-	-	-	-	-	-	-	-	-	-	6.3	406
4.5 - 5.4		4.7	27.8	2.1	-	-	-	-	-	-	-	-	-	-	-	-	34.5	2227
5.5 - 6.4		4.9	22.6	3.3	0.6	-	-	-	-	-	-	-	-	-	-	-	31.4	2025
6.5 - 7.4		1.8	12.4	3.0	1.6	0.1	-	-	-	-	-	-	-	-	-	-	18.8	1216
7.5 - 8.4		0.1	5.1	1.9	0.2	-	-	-	-	-	-	-	-	-	-	-	7.3	469
8.5 - 9.4		*	1.3	0.3	-	-	-	-	-	-	-	-	-	-	-	-	1.6	101
9.5 - 10.4		-	*	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	3
TOTAL %		13.1	74.0	10.5	2.4	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		843	4772	676	155	6	0	0	0	0	0	0	0	0	0	0		6452

(* < 0.05%)

STATION: DUCN7

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

Months: MAR, APR, MAY (Spring)

		WAVE HEIGHT																
WAVE PERIOD		0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4	TOT %	TOT N
< 0.5		0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	-	0.1	7
0.5 - 1.4		0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
3.5 - 4.4		1.7	7.2	-	-	-	-	-	-	-	-	-	-	-	-	-	8.9	482
4.5 - 5.4		8.8	27.8	1.5	-	-	-	-	-	-	-	-	-	-	-	-	38.0	2058
5.5 - 6.4		7.3	20.6	3.9	0.6	-	-	-	-	-	-	-	-	-	-	-	32.4	1754
6.5 - 7.4		0.9	10.1	3.0	0.9	-	-	-	-	-	-	-	-	-	-	-	14.9	806
7.5 - 8.4		*	3.3	1.2	*	-	-	-	-	-	-	-	-	-	-	-	4.6	248
8.5 - 9.4		-	0.6	0.4	-	-	-	-	-	-	-	-	-	-	-	-	0.9	51
9.5 - 10.4		-	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	0.1	3
TOTAL %		18.9	69.7	10.0	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N		1020	3768	539	82	0	0	0	0	0	0	0	0	0	0	0		5409

(* < 0.05%)

STATION: DUCN7

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

Months: JUN, JUL, AUG (Summer)

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4		
< 0.5	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	-	0.1	3
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	*	*	-	-	-	-	-	-	-	-	-	-	-	-	-	0.1	4
3.5 - 4.4	2.9	8.2	-	-	-	-	-	-	-	-	-	-	-	-	-	11.2	487
4.5 - 5.4	14.9	28.7	1.4	-	-	-	-	-	-	-	-	-	-	-	-	44.9	1962
5.5 - 6.4	13.9	18.1	2.5	*	-	-	-	-	-	-	-	-	-	-	-	34.6	1510
6.5 - 7.4	1.6	4.3	0.9	0.1	-	-	-	-	-	-	-	-	-	-	-	6.9	301
7.5 - 8.4	0.1	1.3	*	-	-	-	-	-	-	-	-	-	-	-	-	1.4	63
8.5 - 9.4	-	0.8	*	-	-	-	-	-	-	-	-	-	-	-	-	0.8	37
TOTAL %	33.6	61.4	4.9	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	1466	2681	213	7	0	0	0	0	0	0	0	0	0	0	0		4367

(* < 0.05%)

STATION: DUCN7

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

Months: SEP, OCT, NOV (Autumn)

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4		
< 0.5	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	-	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	1
3.5 - 4.4	0.6	8.3	*	-	-	-	-	-	-	-	-	-	-	-	-	8.9	501
4.5 - 5.4	4.7	28.5	2.5	*	-	-	-	-	-	-	-	-	-	-	-	35.7	2011
5.5 - 6.4	9.3	19.0	3.8	0.4	-	-	-	-	-	-	-	-	-	-	-	32.5	1828
6.5 - 7.4	2.1	10.6	1.1	0.4	-	-	-	-	-	-	-	-	-	-	-	14.2	798
7.5 - 8.4	0.1	4.2	1.0	0.2	-	-	-	-	-	-	-	-	-	-	-	5.5	311
8.5 - 9.4	-	1.8	0.9	0.1	-	-	-	-	-	-	-	-	-	-	-	2.8	156
9.5 - 10.4	-	0.2	0.2	-	-	-	-	-	-	-	-	-	-	-	-	0.4	23
10.5 - 11.4	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	1
11.5 - 12.4	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	1
TOTAL %	16.9	72.5	9.5	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	952	4081	535	63	0	0	0	0	0	0	0	0	0	0	0		5631

(* < 0.05%)

Summary complete: 08-Sep-2003 21:38:32