

**Current and Wave Data  
October 2004 to October 2005  
St. Lawrence River at Gros Cacouna  
VOLUME II: APPENDICES**

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## A RDI 600 KHz Specifications



### 600 kHz SENTINEL WORKHORSE

#### Principles of Operation:

Acoustic pulses are transmitted along four beams. Echoes are returned by scatterers in the water column. The frequency shift of each echo is directly proportional to the component of flow along the beam axis. This is the Doppler Effect. Horizontal and vertical flow components are then computed from the axial velocities. Echo returns are time gated to allow flow resolution into vertical bins (in this case 1.0 m). Flow homogeneity over the four-beam footprint is assumed. Due to side lobe returns, data are usually not available within 6% (20° beam angle) of the vertical distance to strong reflectors, such as the ocean surface or sea bottom. The ADCP was upgraded to include a pressure sensor and includes the WAVES upgrade.

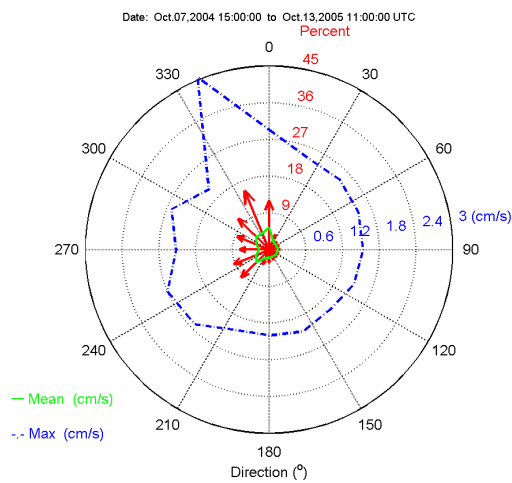
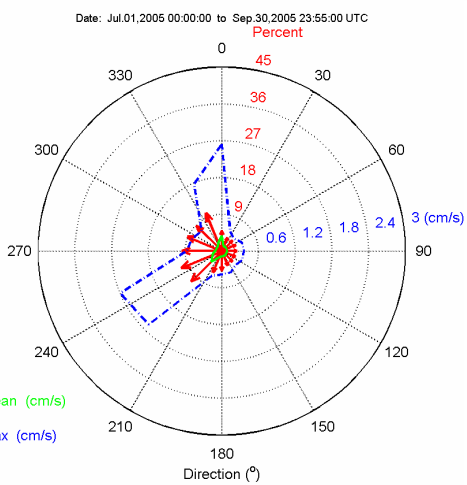
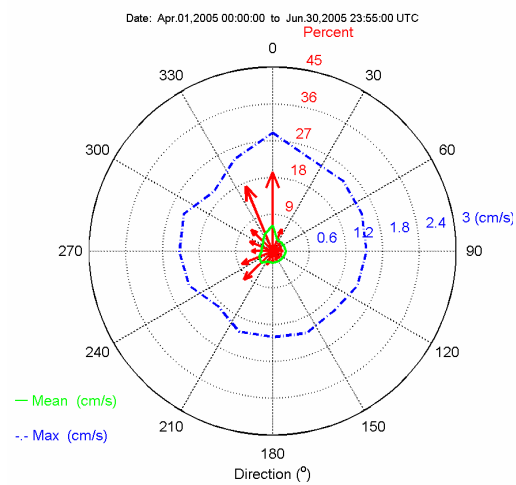
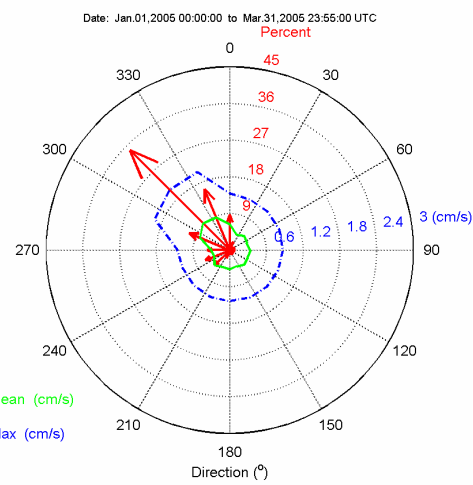
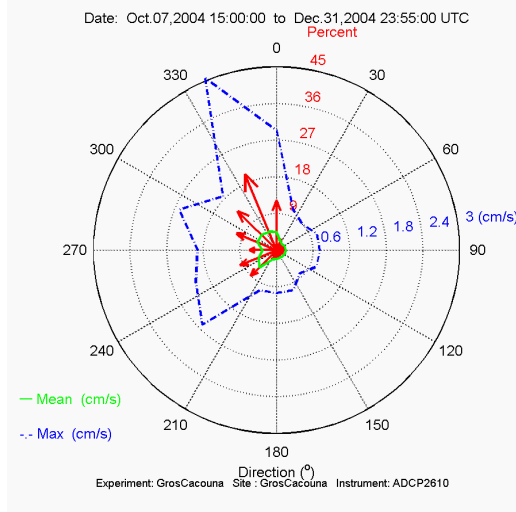
Internal Sensors	Accuracy	Resolution
Heading	±1°	±0.2°
Tilt (max. 20°)	±2°	±0.01°
Temperature	±0.4°	±0.01°

<b>Power Specification:</b>	Internal: 48VDC battery pack (expandable w/ external battery pack). External: 20-60 VDC
<b>Dimensions:</b>	22.8 cm by 36.1 cm
<b>Weight:</b>	13 kg in air; 4.5 kg in water (with battery pack)
<b>Beam Angle:</b>	20°
<b>Maximum Range:</b>	Water velocity profile to 47 m (nominal at 2 m bin size)
<b>Accuracy:</b>	Water velocity accuracy is 1 cm/sec, based on the sampling parameters chosen (2 m bins, 10 pings per ensemble).
<b>Memory:</b>	Expanded to 896 MB

## B Additional Wave Results

### B.1 Seasonal Compass Plots (Hs vs MWD)



## B.2 Monthly Joint Frequency Tables

### Hs vs MWD

Location: GrosCacouna at site GrosCacouna  
 Instrument: ADCP2610  
 For period: Oct.07,2004 15:00:00 to Oct.31,2004 23:55:00 UTC Sample Interval: 5 min

Direction (deg)		Hs (m)														Row Total (%)		
		0 to 0.2	0.2 to 0.4	0.4 to 0.6	0.6 to 0.8	0.8 to 1	1 to 1.2	1.2 to 1.4	1.4 to 1.6	1.6 to 1.8	1.8 to 2	2 to 2.2	2.2 to 2.4	2.4 to 2.6	2.6 to 2.8		2.8 to 3	3 to 3.2
11.25	33.75 NNE	3.82	0.17	0.04	0.03													4.06
33.75	56.25 NE	2.11	0.20															2.31
56.25	78.75 ENE	2.34	0.31	0.04	0.03													2.72
78.75	101.25 E	2.25	0.31	0.03	0.03													2.62
101.25	123.75 ESE	1.89	0.27	0.03	0.03													2.22
123.75	146.25 SE	2.02	0.14															2.17
146.25	168.75 SSE	2.58	0.21	0.03	0.03													2.85
168.75	191.25 S	2.95	0.28	0.03	0.03													3.29
191.25	213.75 SSW	2.92	0.38	0.03	0.03													3.36
213.75	236.25 SW	3.49	2.65	1.51	0.04													7.69
236.25	258.75 WSW	4.59	2.48	0.81	0.17													8.05
258.75	281.25 W	6.42	1.00	0.19	0.03													7.64
281.25	303.75 WNW	6.30	0.61	0.19	0.04													7.14
303.75	326.25 NW	8.33	1.87	0.19	0.07													10.46
326.25	348.75 NNW	13.28	4.52	1.37	0.57	0.06												19.79
348.75	11.25 N	7.79	4.34	0.71	0.50	0.30												13.65
Column Total (%)		73.08	19.76	5.19	1.62	0.36	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	

No. of Non-Flagged Records: 7020 No. of Flagged Record: 0  
 Max. Hs : 0.91 m Filename: gc\_wavelparm\_year\_5min\_4\_JFT.dat  
 Mean Hs : 0.17 m  
 Vector-averaged Speed: 0.08 m at 312.4 deg

Location: GrosCacouna at site GrosCacouna  
 Instrument: ADCP2610  
 For period: Nov.01,2004 00:00:00 to Nov.30,2004 23:55:00 UTC Sample Interval: 5 min

Direction (deg)		Hs (m)														Row Total (%)		
		0 to 0.2	0.2 to 0.4	0.4 to 0.6	0.6 to 0.8	0.8 to 1	1 to 1.2	1.2 to 1.4	1.4 to 1.6	1.6 to 1.8	1.8 to 2	2 to 2.2	2.2 to 2.4	2.4 to 2.6	2.6 to 2.8		2.8 to 3	3 to 3.2
11.25	33.75 NNE	1.44	0.44	0.10														1.99
33.75	56.25 NE	0.97	0.23	0.01														1.22
56.25	78.75 ENE	1.00	0.27	0.06														1.33
78.75	101.25 E	0.93	0.31	0.06														1.30
101.25	123.75 ESE	1.20	0.29	0.04														1.53
123.75	146.25 SE	0.84	0.21	0.06														1.12
146.25	168.75 SSE	1.16	0.29	0.04														1.49
168.75	191.25 S	1.09	0.39	0.06														1.53
191.25	213.75 SSW	1.39	0.80	0.06														2.25
213.75	236.25 SW	2.23	3.48	2.95	1.34	0.37	0.01											10.39
236.25	258.75 WSW	3.42	4.84	1.85	1.02													11.12
258.75	281.25 W	3.22	1.80	1.59	0.92	0.01												7.54
281.25	303.75 WNW	4.88	4.29	3.05	1.72	0.13												14.06
303.75	326.25 NW	4.91	3.23	2.43	1.56	0.87												13.00
326.25	348.75 NNW	9.77	5.15	3.28	0.56	0.01												18.77
348.75	11.25 N	6.17	3.12	1.93	0.13	0.03												11.37
Column Total (%)		44.62	29.14	17.55	7.24	1.43	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	

No. of Non-Flagged Records: 6990 No. of Flagged Record: 1650  
 Max. Hs : 1 m Filename: gc\_wavelparm\_year\_5min\_4\_JFT.dat  
 Mean Hs : 0.29 m  
 Vector-averaged Speed: 0.18 m at 293.3 deg



Location: GrosCacouna at site GrosCacouna  
 Instrument: ADCP2610  
 For period: Dec.01,2004 00:00:00 to Dec.31,2004 23:55:00 UTC Sample Interval: 5 min

Direction (deg)		Hs (m)															Row Total (%)	
		0 to 0.2	0.2 to 0.4	0.4 to 0.6	0.6 to 0.8	0.8 to 1	1 to 1.2	1.2 to 1.4	1.4 to 1.6	1.6 to 1.8	1.8 to 2	2 to 2.2	2.2 to 2.4	2.4 to 2.6	2.6 to 2.8	2.8 to 3		3 to 3.2
11.25	33.75 NNE	1.55	0.94	0.09	0.02													2.60
33.75	56.25 NE	1.21	0.26	0.09														1.55
56.25	78.75 ENE	1.17	0.23	0.15														1.55
78.75	101.25 E	1.19	0.30	0.06														1.55
101.25	123.75 ESE	1.02	0.34	0.06														1.43
123.75	146.25 SE	0.91	0.38	0.06														1.36
146.25	168.75 SSE	1.43	0.34	0.06														1.83
168.75	191.25 S	0.83	0.36	0.09														1.28
191.25	213.75 SSW	0.96	0.60	0.11														1.66
213.75	236.25 SW	1.34	1.26	2.13	0.89	1.32	1.09	0.26	0.21	0.13								8.62
236.25	258.75 WSW	1.68	4.62	2.38	0.30	0.11	0.36	0.62	0.04									10.11
258.75	281.25 W	1.77	1.64	0.34		0.02	0.06	0.04										3.87
281.25	303.75 WNW	1.85	3.11	1.91	0.91	0.87	1.00	0.55	0.17	0.11								10.49
303.75	326.25 NW	2.34	3.38	6.40	3.68	1.96	0.45	0.23										18.45
326.25	348.75 NNW	4.26	6.38	3.30	3.40	1.53	1.26	0.45	0.51	0.60	0.28	0.11	0.13	0.11	0.13	0.11	0.02	22.55
348.75	11.25 N	4.02	2.32	0.49	1.40	0.96	0.49	1.09	0.09	0.06	0.19							11.11
Column Total (%)		27.53	26.45	17.72	10.62	6.77	4.70	3.23	1.02	0.89	0.47	0.11	0.13	0.11	0.13	0.11	0.02	

No. of Non-Flagged Records: 4700 No. of Flagged Record: 4228  
 Max. Hs : 3.04 m Filename: gc\_waveparm\_year\_5min\_4\_JFT.dat  
 Mean Hs : 0.48 m  
 Vector-averaged Speed: 0.33 m at 311.6 deg

Location: GrosCacouna at site GrosCacouna  
 Instrument: ADCP2610  
 For period: Jan.01,2005 00:00:00 to Jan.31,2005 23:55:00 UTC Sample Interval: 5 min

Direction (deg)		Hs (m)															Row Total (%)	
		0 to 0.2	0.2 to 0.4	0.4 to 0.6	0.6 to 0.8	0.8 to 1	1 to 1.2	1.2 to 1.4	1.4 to 1.6	1.6 to 1.8	1.8 to 2	2 to 2.2	2.2 to 2.4	2.4 to 2.6	2.6 to 2.8	2.8 to 3		3 to 3.2
11.25	33.75 NNE	0.87	1.16															2.02
33.75	56.25 NE	0.48	0.39															0.87
56.25	78.75 ENE	0.58	0.67															1.25
78.75	101.25 E	0.29	0.67	0.10														1.06
101.25	123.75 ESE	0.39	0.58	0.10														1.06
123.75	146.25 SE	0.29	0.48	0.19														0.96
146.25	168.75 SSE	0.39	0.77	0.10														1.25
168.75	191.25 S	0.19	0.58	0.10														0.87
191.25	213.75 SSW	0.29	0.77	0.10														1.16
213.75	236.25 SW	0.96	1.06	0.48	0.10													2.60
236.25	258.75 WSW	1.06	2.22	0.67	0.10													4.05
258.75	281.25 W	1.83	2.50	0.29	0.67													5.30
281.25	303.75 WNW	1.25	4.91	0.39	3.37	1.25												11.18
303.75	326.25 NW	2.02	7.71	5.30	8.19	11.37	6.26	7.61										48.46
326.25	348.75 NNW	0.67	6.07	1.35	1.54	2.02		4.82										16.47
348.75	11.25 N		0.77	0.39	0.29													1.45
Column Total (%)		11.56	31.31	9.54	14.26	14.64	6.26	12.43	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	

No. of Non-Flagged Records: 1038 No. of Flagged Record: 7890  
 Max. Hs : 1.39 m Filename: gc\_waveparm\_year\_5min\_4\_JFT.dat  
 Mean Hs : 0.61 m  
 Vector-averaged Speed: 0.54 m at 314.8 deg



Location: GrosCacouna at site GrosCacouna  
 Instrument: ADCP2610  
 For period: Feb.01,2005 00:00:00 to Feb.28,2005 23:55:00 UTC Sample Interval: 5 min

Direction (deg)		Hs (m)															Row Total (%)	
		0 to 0.2	0.2 to 0.4	0.4 to 0.6	0.6 to 0.8	0.8 to 1	1 to 1.2	1.2 to 1.4	1.4 to 1.6	1.6 to 1.8	1.8 to 2	2 to 2.2	2.2 to 2.4	2.4 to 2.6	2.6 to 2.8	2.8 to 3		3 to 3.2
11.25	33.75 NNE	0.18	3.62	0.18	0.36													4.35
33.75	56.25 NE	0.18	0.36	0.18	0.54													1.27
56.25	78.75 ENE	0.18	0.36	0.18	0.36													1.09
78.75	101.25 E	0.18	0.72	0.36	0.18													1.45
101.25	123.75 ESE	0.72	0.36	0.54	0.36													1.99
123.75	146.25 SE	0.72	0.36	0.54	0.18													1.81
146.25	168.75 SSE	1.09	0.18	0.54	0.18													1.99
168.75	191.25 S	0.91	0.18	0.72	0.18													1.99
191.25	213.75 SSW	0.91	0.36	0.54	0.36													2.17
213.75	236.25 SW	4.17	0.72	0.54	0.18													5.62
236.25	258.75 WSW	3.44	1.09	0.36	0.18													5.07
258.75	281.25 W	3.08	0.72	1.45	0.18													5.43
281.25	303.75 WNW	0.18	0.36	1.09	1.81													3.44
303.75	326.25 NW	6.52	13.95	8.70	7.97	5.80												42.93
326.25	348.75 NNW	1.63	1.63	6.52	5.25	0.72												15.76
348.75	11.25 N	0.36		2.17	1.09													3.62
Column Total (%)		24.46	25.00	24.64	19.38	6.52	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	

No. of Non-Flagged Records: 552 No. of Flagged Record: 7512  
 Max. Hs : 0.97 m Filename: gc\_waveparm\_year\_5min\_4\_JFT.dat  
 Mean Hs : 0.42 m  
 Vector-averaged Speed: 0.3 m at 319.5 deg

Location: GrosCacouna at site GrosCacouna  
 Instrument: ADCP2610  
 For period: Mar.01,2005 00:00:00 to Mar.31,2005 23:55:00 UTC Sample Interval: 5 min

Direction (deg)		Hs (m)															Row Total (%)	
		0 to 0.2	0.2 to 0.4	0.4 to 0.6	0.6 to 0.8	0.8 to 1	1 to 1.2	1.2 to 1.4	1.4 to 1.6	1.6 to 1.8	1.8 to 2	2 to 2.2	2.2 to 2.4	2.4 to 2.6	2.6 to 2.8	2.8 to 3		3 to 3.2
11.25	33.75 NNE	0.54	0.95	0.21	0.08													1.77
33.75	56.25 NE	0.25	0.54	0.21	0.08													1.07
56.25	78.75 ENE	0.58	0.45	0.25	0.08													1.36
78.75	101.25 E	0.45	0.54	0.25	0.16													1.40
101.25	123.75 ESE	0.29	0.45	0.25	0.08													1.07
123.75	146.25 SE	0.21	0.49	0.25	0.04	0.08												1.07
146.25	168.75 SSE	0.29	0.54	0.16	0.04	0.08												1.11
168.75	191.25 S	0.29	0.49	0.16	0.08	0.08												1.11
191.25	213.75 SSW	0.25	1.69	0.41	0.08	0.04												2.47
213.75	236.25 SW	0.58	1.69	3.92	0.08	0.04												6.31
236.25	258.75 WSW	2.06	4.08	1.44	0.04	0.12												7.75
258.75	281.25 W	2.35	1.98	0.37	0.58	0.29												5.56
281.25	303.75 WNW	1.69	3.17	2.64	1.28	2.84	0.16	0.45										12.24
303.75	326.25 NW	2.47	7.17	7.79	3.59	4.00	1.03	0.62										26.67
326.25	348.75 NNW	2.97	5.19	2.23	1.81	1.28	1.40	1.28										16.16
348.75	11.25 N	1.40	6.31	3.09	1.53	0.54												12.86
Column Total (%)		16.65	35.74	23.62	9.15	9.89	2.60	2.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	

No. of Non-Flagged Records: 2426 No. of Flagged Record: 6502  
 Max. Hs : 1.38 m Filename: gc\_waveparm\_year\_5min\_4\_JFT.dat  
 Mean Hs : 0.45 m  
 Vector-averaged Speed: 0.33 m at 314.4 deg



Location: GrosCacouna at site GrosCacouna  
 Instrument: ADCP2610  
 For period: Apr.01,2005 00:00:00 to Apr.30,2005 23:55:00 UTC Sample Interval: 5 min

Direction (deg)		Hs (m)															Row Total (%)	
		0 to 0.2	0.2 to 0.4	0.4 to 0.6	0.6 to 0.8	0.8 to 1	1 to 1.2	1.2 to 1.4	1.4 to 1.6	1.6 to 1.8	1.8 to 2	2 to 2.2	2.2 to 2.4	2.4 to 2.6	2.6 to 2.8	2.8 to 3		3 to 3.2
11.25	33.75 NNE	1.36	1.45	0.47	0.13	0.06	0.08	0.03										3.57
33.75	56.25 NE	0.65	0.51	0.26	0.13	0.06	0.10	0.01										1.72
56.25	78.75 ENE	0.51	0.47	0.24	0.14	0.06	0.13	0.01										1.56
78.75	101.25 E	0.64	0.53	0.26	0.15	0.13	0.11	0.03										1.85
101.25	123.75 ESE	0.67	0.49	0.32	0.14	0.11	0.10	0.01										1.83
123.75	146.25 SE	0.82	0.43	0.32	0.11	0.07	0.07	0.01										1.83
146.25	168.75 SSE	0.79	0.40	0.29	0.11	0.07	0.06	0.03										1.75
168.75	191.25 S	1.08	0.38	0.28	0.11	0.07	0.06	0.03										2.00
191.25	213.75 SSW	1.35	0.83	0.28	0.14	0.07	0.07	0.01										2.75
213.75	236.25 SW	2.36	2.82	0.85	0.19	0.14	0.07	0.01										6.45
236.25	258.75 WSW	2.74	3.71	0.39	0.14	0.11	0.07	0.03										7.18
258.75	281.25 W	2.72	1.25	0.35	0.19	0.08	0.07	0.01										4.68
281.25	303.75 WNW	3.86	2.71	0.88	0.13	0.08	0.06	0.01										7.73
303.75	326.25 NW	3.68	3.57	0.69	0.38	0.07	0.07	0.01										8.48
326.25	348.75 NNW	6.73	6.84	2.25	2.17	1.75	1.00	0.32	0.01									21.07
348.75	11.25 N	5.75	6.24	3.34	4.54	2.68	1.32	0.82	0.49	0.29	0.07							25.54
Column Total (%)		35.73	32.63	11.46	8.89	5.60	3.42	1.40	0.50	0.29	0.07	0.00	0.00	0.00	0.00	0.00	0.00	

No. of Non-Flagged Records: 7196 No. of Flagged Record: 1444  
 Max. Hs : 1.92 m Filename: gc\_waveparm\_year\_5min\_4\_JFT.dat  
 Mean Hs : 0.37 m  
 Vector-averaged Speed: 0.23 m at 339.3 deg

Location: GrosCacouna at site GrosCacouna  
 Instrument: ADCP2610  
 For period: May.01,2005 00:00:00 to May.31,2005 23:55:00 UTC Sample Interval: 5 min

Direction (deg)		Hs (m)															Row Total (%)	
		0 to 0.2	0.2 to 0.4	0.4 to 0.6	0.6 to 0.8	0.8 to 1	1 to 1.2	1.2 to 1.4	1.4 to 1.6	1.6 to 1.8	1.8 to 2	2 to 2.2	2.2 to 2.4	2.4 to 2.6	2.6 to 2.8	2.8 to 3		3 to 3.2
11.25	33.75 NNE	5.57	2.06	0.54	0.06	0.02	0.02		0.01									8.28
33.75	56.25 NE	2.23	0.30	0.25	0.06	0.03	0.03		0.01	0.01								2.92
56.25	78.75 ENE	1.98	0.34	0.25	0.03	0.02	0.02		0.01									2.65
78.75	101.25 E	1.88	0.31	0.28	0.07	0.02	0.02	0.01	0.02									2.62
101.25	123.75 ESE	1.77	0.27	0.20	0.04	0.04		0.01	0.02									2.36
123.75	146.25 SE	1.84	0.25	0.19	0.07	0.03	0.01	0.01										2.40
146.25	168.75 SSE	1.89	0.35	0.25	0.06	0.02		0.01	0.01									2.59
168.75	191.25 S	2.22	0.32	0.26	0.09	0.04		0.02	0.01									2.97
191.25	213.75 SSW	2.59	0.47	0.30	0.07	0.03		0.02	0.01									3.49
213.75	236.25 SW	4.22	2.44	0.46	0.21	0.04		0.01										7.39
236.25	258.75 WSW	3.63	1.14	0.15	0.41	0.12		0.01	0.01									5.48
258.75	281.25 W	3.04	0.53	0.25	0.08	0.04	0.01	0.01	0.01									3.97
281.25	303.75 WNW	3.18	0.64	0.49	0.07	0.03	0.01	0.01	0.01									4.45
303.75	326.25 NW	5.35	0.97	0.90	0.31	0.11	0.25	0.07										7.96
326.25	348.75 NNW	9.80	4.10	1.97	1.52	1.06	0.34	0.09	0.03	0.01								18.93
348.75	11.25 N	8.45	5.02	2.95	2.02	1.92	0.83	0.10	0.11	0.12	0.03							21.54
Column Total (%)		59.63	19.51	9.67	5.16	3.62	1.55	0.39	0.28	0.16	0.03	0.00	0.00	0.00	0.00	0.00	0.00	

No. of Non-Flagged Records: 8928 No. of Flagged Record: 0  
 Max. Hs : 1.86 m Filename: gc\_waveparm\_year\_5min\_4\_JFT.dat  
 Mean Hs : 0.26 m  
 Vector-averaged Speed: 0.15 m at 341.5 deg





Location: GrosCacouna at site GrosCacouna  
 Instrument: ADCP2610  
 For period: Jun.01,2005 00:00:00 to Jun.30,2005 23:55:00 UTC Sample Interval: 5 min

Direction (deg)		Hs (m)															Row Total (%)	
		0 to 0.2	0.2 to 0.4	0.4 to 0.6	0.6 to 0.8	0.8 to 1	1 to 1.2	1.2 to 1.4	1.4 to 1.6	1.6 to 1.8	1.8 to 2	2 to 2.2	2.2 to 2.4	2.4 to 2.6	2.6 to 2.8	2.8 to 3		3 to 3.2
11.25	33.75 NNE	4.00	0.69	0.24	0.02													4.97
33.75	56.25 NE	2.58	0.17	0.14	0.03													2.93
56.25	78.75 ENE	2.34	0.19	0.15	0.03													2.71
78.75	101.25 E	2.60	0.19	0.13	0.05													2.96
101.25	123.75 ESE	2.64	0.17	0.14	0.01													2.96
123.75	146.25 SE	2.41	0.21	0.10	0.01													2.73
146.25	168.75 SSE	2.49	0.17	0.15	0.01													2.82
168.75	191.25 S	3.02	0.30	0.16	0.02													3.51
191.25	213.75 SSW	3.67	0.68	0.13														4.48
213.75	236.25 SW	5.65	5.66	3.39	0.59	0.02												15.31
236.25	258.75 WSW	6.19	3.92	1.83	0.06													12.00
258.75	281.25 W	5.68	0.90	0.14	0.03													6.76
281.25	303.75 WNW	5.90	0.37	0.10	0.02													6.40
303.75	326.25 NW	4.99	0.66	0.09	0.02													5.76
326.25	348.75 NNW	7.79	2.94	1.03	0.05													11.81
348.75	11.25 N	5.68	3.19	2.59	0.39	0.02												11.89
Column Total (%)		67.64	20.43	10.52	1.37	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	

No. of Non-Flagged Records: 8640 No. of Flagged Record: 0  
 Max. Hs : 0.83 m Filename: gc\_waveparm\_year\_5min\_4\_JFT.dat  
 Mean Hs : 0.19 m  
 Vector-averaged Speed: 0.07 m at 280.3 deg

Location: GrosCacouna at site GrosCacouna  
 Instrument: ADCP2610  
 For period: Jul.01,2005 00:00:00 to Jul.31,2005 23:55:00 UTC Sample Interval: 5 min

Direction (deg)		Hs (m)															Row Total (%)	
		0 to 0.2	0.2 to 0.4	0.4 to 0.6	0.6 to 0.8	0.8 to 1	1 to 1.2	1.2 to 1.4	1.4 to 1.6	1.6 to 1.8	1.8 to 2	2 to 2.2	2.2 to 2.4	2.4 to 2.6	2.6 to 2.8	2.8 to 3		3 to 3.2
11.25	33.75 NNE	5.07																5.07
33.75	56.25 NE	4.47																4.47
56.25	78.75 ENE	4.31																4.31
78.75	101.25 E	4.67																4.67
101.25	123.75 ESE	4.47																4.47
123.75	146.25 SE	4.47	0.01															4.48
146.25	168.75 SSE	4.54	0.02															4.56
168.75	191.25 S	6.21	0.03															6.25
191.25	213.75 SSW	6.26	0.29															6.55
213.75	236.25 SW	7.65	0.43															8.08
236.25	258.75 WSW	8.24	0.67															8.91
258.75	281.25 W	9.27	0.15															9.42
281.25	303.75 WNW	9.43	0.03															9.46
303.75	326.25 NW	9.10	0.20															9.30
326.25	348.75 NNW	6.45	0.15															6.60
348.75	11.25 N	3.40																3.40
Column Total (%)		98.02	1.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	

No. of Non-Flagged Records: 8677 No. of Flagged Record: 251  
 Max. Hs : 0.39 m Filename: gc\_waveparm\_year\_5min\_4\_JFT.dat  
 Mean Hs : 0.09 m  
 Vector-averaged Speed: 0.02 m at 264.2 deg



Location: GrosCacouna at site GrosCacouna  
 Instrument: ADCP2610  
 For period: Aug.01,2005 00:00:00 to Aug.31,2005 23:55:00 UTC Sample Interval: 5 min

Direction (deg)	Hs (m)															Row Total (%)	
	0 to 0.2	0.2 to 0.4	0.4 to 0.6	0.6 to 0.8	0.8 to 1	1 to 1.2	1.2 to 1.4	1.4 to 1.6	1.6 to 1.8	1.8 to 2	2 to 2.2	2.2 to 2.4	2.4 to 2.6	2.6 to 2.8	2.8 to 3		3 to 3.2
11.25 33.75 NNE	3.71	0.07															3.77
33.75 56.25 NE	3.77	0.09															3.86
56.25 78.75 ENE	4.03	0.18															4.21
78.75 101.25 E	3.81	0.13															3.94
101.25 123.75 ESE	3.72	0.09															3.81
123.75 146.25 SE	3.83	0.07															3.90
146.25 168.75 SSE	4.04	0.09															4.13
168.75 191.25 S	4.92	0.11															5.03
191.25 213.75 SSW	5.29	0.16															5.44
213.75 236.25 SW	6.68	1.24															7.92
236.25 258.75 WSW	8.52	1.10															9.62
258.75 281.25 W	8.75	1.03	0.01														9.79
281.25 303.75 WNW	9.21	0.15	0.02														9.38
303.75 326.25 NW	7.59	0.57	0.04														8.21
326.25 348.75 NNW	8.28	1.84	0.22	0.03	0.07	0.13											10.57
348.75 11.25 N	3.98	1.11	0.50	0.27		0.01	0.29	0.15	0.10								6.41
Column Total (%)	90.12	8.02	0.81	0.30	0.07	0.15	0.29	0.15	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	

No. of Non-Flagged Records: 8928 No. of Flagged Record: 0  
 Max. Hs : 1.74 m Filename: gc\_waveparm\_year\_5min\_4\_JFT.dat  
 Mean Hs : 0.12 m  
 Vector-averaged Speed: 0.04 m at 304.7 deg

Location: GrosCacouna at site GrosCacouna  
 Instrument: ADCP2610  
 For period: Sep.01,2005 00:00:00 to Sep.30,2005 23:55:00 UTC Sample Interval: 5 min

Direction (deg)	Hs (m)															Row Total (%)	
	0 to 0.2	0.2 to 0.4	0.4 to 0.6	0.6 to 0.8	0.8 to 1	1 to 1.2	1.2 to 1.4	1.4 to 1.6	1.6 to 1.8	1.8 to 2	2 to 2.2	2.2 to 2.4	2.4 to 2.6	2.6 to 2.8	2.8 to 3		3 to 3.2
11.25 33.75 NNE	1.85	0.01															1.86
33.75 56.25 NE	2.40	0.05															2.44
56.25 78.75 ENE	2.42	0.03															2.46
78.75 101.25 E	2.48	0.03															2.51
101.25 123.75 ESE	2.40	0.05															2.44
123.75 146.25 SE	2.46	0.05															2.50
146.25 168.75 SSE	2.71	0.02															2.73
168.75 191.25 S	3.21	0.03															3.25
191.25 213.75 SSW	3.69	1.05	0.02														4.76
213.75 236.25 SW	5.43	5.26	0.95	2.25	0.99	0.48	0.31	0.09	0.05								15.82
236.25 258.75 WSW	8.08	3.49	1.37	0.22	0.58			0.05									13.79
258.75 281.25 W	8.51	1.20	0.26														9.96
281.25 303.75 WNW	7.54	0.93	0.03														8.51
303.75 326.25 NW	7.86	0.88	0.03														8.77
326.25 348.75 NNW	9.53	1.98	0.48	0.72	0.16	0.02											12.89
348.75 11.25 N	2.93	0.98	0.52	0.69	0.17												5.30
Column Total (%)	73.49	16.05	3.68	3.88	1.91	0.50	0.31	0.09	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	

No. of Non-Flagged Records: 8593 No. of Flagged Record: 47  
 Max. Hs : 1.79 m Filename: gc\_waveparm\_year\_5min\_4\_JFT.dat  
 Mean Hs : 0.19 m  
 Vector-averaged Speed: 0.1 m at 260.8 deg



# Tp vs MWD

Location: GrosCacouna at site GrosCacouna  
 Instrument: ADCP2610  
 For period: Oct.07,2004 15:00:00 to Oct.31,2004 23:55:00 UTC Sample Interval: 5 min

Direction (deg)	Tp (s)														Row Total (%)	
	0 to 1	1 to 2	2 to 3	3 to 4	4 to 5	5 to 6	6 to 7	7 to 8	8 to 9	9 to 10	10 to 11	11 to 12	12 to 13	13 to 14		14 to 15
11.25 33.75 NNE			1.60	1.84	0.56	0.01	0.03			0.03						4.06
33.75 56.25 NE			0.87	1.21	0.14	0.01	0.01		0.01	0.04						2.31
56.25 78.75 ENE			0.77	1.52	0.28	0.04	0.04		0.06							2.72
78.75 101.25 E			0.83	1.40	0.26	0.04	0.04	0.01	0.04							2.62
101.25 123.75 ESE			0.85	1.01	0.24	0.04	0.04	0.03								2.22
123.75 146.25 SE			0.85	1.15	0.07		0.07	0.01								2.17
146.25 168.75 SSE			1.13	1.40	0.24	0.01	0.07									2.85
168.75 191.25 S			1.37	1.55	0.21	0.07	0.09									3.29
191.25 213.75 SSW			1.30	1.71	0.20	0.10	0.06									3.36
213.75 236.25 SW			1.50	5.17	0.91	0.07	0.03	0.01								7.69
236.25 258.75 WSW			2.88	4.57	0.47	0.09	0.04									8.05
258.75 281.25 W			3.13	3.90	0.36	0.14	0.04	0.01		0.04						7.64
281.25 303.75 WNW			3.72	2.62	0.30	0.24	0.13	0.07	0.06							7.14
303.75 326.25 NW			4.93	4.56	0.23	0.17	0.13	0.03	0.14	0.17	0.10					10.46
326.25 348.75 NNW			5.64	7.83	2.66	1.68	1.21	0.24	0.16	0.21	0.14					19.79
348.75 11.25 N			2.11	5.04	2.82	1.52	0.47	0.40	1.01	0.24	0.03					13.65
Column Total (%)	0.00	0.00	33.46	46.50	9.96	4.26	2.51	0.83	1.48	0.74	0.27	0.00	0.00	0.00	0.00	

No. of Non-Flagged Records: 7020 No. of Flagged Record: 0  
 Max. Tp : 10.2 s Filename: gc\_waveparm\_year\_5min\_4\_JFT.dat  
 Mean Tp : 3.62 s  
 Vector-averaged Speed: 1.63 s at 319.0 deg

Location: GrosCacouna at site GrosCacouna  
 Instrument: ADCP2610  
 For period: Nov.01,2004 00:00:00 to Nov.30,2004 23:55:00 UTC Sample Interval: 5 min

Direction (deg)	Tp (s)														Row Total (%)	
	0 to 1	1 to 2	2 to 3	3 to 4	4 to 5	5 to 6	6 to 7	7 to 8	8 to 9	9 to 10	10 to 11	11 to 12	12 to 13	13 to 14		14 to 15
11.25 33.75 NNE			0.72	0.59	0.31	0.26	0.07	0.04								1.99
33.75 56.25 NE			0.57	0.37	0.10	0.14	0.03									1.22
56.25 78.75 ENE			0.43	0.40	0.17	0.27	0.06									1.33
78.75 101.25 E			0.34	0.47	0.17	0.29	0.03									1.30
101.25 123.75 ESE			0.52	0.50	0.17	0.33	0.01									1.53
123.75 146.25 SE			0.31	0.53	0.10	0.16	0.01									1.12
146.25 168.75 SSE			0.44	0.54	0.17	0.31	0.01									1.49
168.75 191.25 S			0.40	0.62	0.17	0.31	0.03									1.53
191.25 213.75 SSW			0.66	1.06	0.24	0.24	0.04									2.25
213.75 236.25 SW			1.10	4.65	3.48	1.07	0.03	0.01		0.01		0.03				10.39
236.25 258.75 WSW			1.22	6.85	2.23	0.27	0.13	0.11	0.14	0.13	0.03					11.12
258.75 281.25 W			1.52	5.01	0.46	0.29	0.13	0.11	0.03							7.54
281.25 303.75 WNW			3.10	8.38	2.15	0.30	0.07	0.04	0.01							14.06
303.75 326.25 NW			3.68	6.64	2.45	0.14	0.04	0.04	0.01							13.00
326.25 348.75 NNW			4.15	8.66	3.02	1.73	1.04	0.10	0.06	0.01						18.77
348.75 11.25 N			2.46	3.25	1.44	2.83	0.93	0.41	0.04							11.37
Column Total (%)	0.00	0.00	21.62	48.51	16.84	8.96	2.68	0.89	0.30	0.16	0.03	0.03	0.00	0.00	0.00	

No. of Non-Flagged Records: 6990 No. of Flagged Record: 1650  
 Max. Tp : 11.6 s Filename: gc\_waveparm\_year\_5min\_4\_JFT.dat  
 Mean Tp : 3.8 s  
 Vector-averaged Speed: 2.12 s at 301.7 deg



Location: GrosCacouna at site GrosCacouna  
 Instrument: ADCP2610  
 For period: Dec.01,2004 00:00:00 to Dec.31,2004 23:55:00 UTC Sample Interval: 5 min

Direction (deg)	Tp (s)														Row Total (%)	
	0 to 1	1 to 2	2 to 3	3 to 4	4 to 5	5 to 6	6 to 7	7 to 8	8 to 9	9 to 10	10 to 11	11 to 12	12 to 13	13 to 14		14 to 15
11.25 33.75 NNE			0.32	2.11	0.04	0.02	0.02	0.04	0.04							2.60
33.75 56.25 NE			0.55	0.77	0.06	0.02	0.02	0.11	0.02							1.55
56.25 78.75 ENE			0.57	0.68	0.06	0.04	0.06	0.09	0.04							1.55
78.75 101.25 E			0.64	0.66	0.06	0.11	0.02	0.04	0.02							1.55
101.25 123.75 ESE			0.34	0.83	0.09	0.11	0.02	0.02	0.02							1.43
123.75 146.25 SE			0.21	0.89	0.15	0.04	0.02	0.02	0.02							1.36
146.25 168.75 SSE			0.17	1.43	0.11	0.04	0.04	0.02	0.02							1.83
168.75 191.25 S			0.26	0.81	0.11	0.04	0.02	0.02	0.02							1.28
191.25 213.75 SSW			0.34	0.87	0.32	0.06			0.02							1.66
213.75 236.25 SW			0.55	3.32	1.74	2.91	0.02	0.02		0.04						8.62
236.25 258.75 WSW			1.32	4.49	2.15	2.06	0.04	0.02		0.02						10.11
258.75 281.25 W			0.79	2.45	0.15	0.40	0.04	0.02		0.02						3.87
281.25 303.75 WNW			0.66	5.77	2.06	1.91	0.02	0.04		0.02						10.49
303.75 326.25 NW			0.70	10.57	5.43	1.51	0.06	0.15		0.02						18.45
326.25 348.75 NNW			2.19	6.51	3.60	2.72	1.21	1.57	2.02	1.66	0.45	0.62				22.55
348.75 11.25 N			0.66	2.17	0.53	1.36	1.91	0.96	1.74	0.79	0.87	0.11				11.11
Column Total (%)	0.00	0.00	10.28	44.32	16.66	13.38	3.55	3.19	3.98	2.60	1.32	0.72	0.00	0.00	0.00	

No. of Non-Flagged Records: 4700 No. of Flagged Records: 4228  
 Max. Tp : 11.6 s Filename: gc\_wavparam\_year\_5min\_4\_JFT.dat  
 Mean Tp : 4.53 s  
 Vector-averaged Speed: 2.78 s at 317.7 deg

Location: GrosCacouna at site GrosCacouna  
 Instrument: ADCP2610  
 For period: Jan.01,2005 00:00:00 to Jan.31,2005 23:55:00 UTC Sample Interval: 5 min

Direction (deg)	Tp (s)														Row Total (%)	
	0 to 1	1 to 2	2 to 3	3 to 4	4 to 5	5 to 6	6 to 7	7 to 8	8 to 9	9 to 10	10 to 11	11 to 12	12 to 13	13 to 14		14 to 15
11.25 33.75 NNE			0.39	0.67	0.67	0.10	0.19									2.02
33.75 56.25 NE			0.29	0.19	0.19	0.10	0.10									0.87
56.25 78.75 ENE			0.39	0.39	0.29	0.10	0.10									1.25
78.75 101.25 E			0.19	0.29	0.29	0.19	0.10									1.06
101.25 123.75 ESE			0.19	0.39	0.19	0.10	0.19									1.06
123.75 146.25 SE			0.10	0.39	0.39		0.10									0.96
146.25 168.75 SSE			0.10	0.67	0.39		0.10									1.25
168.75 191.25 S				0.48	0.29		0.10									0.87
191.25 213.75 SSW				0.58	0.48		0.10									1.16
213.75 236.25 SW			0.67	1.45	0.19	0.10	0.19									2.60
236.25 258.75 WSW			0.87	2.41	0.48	0.19	0.10									4.05
258.75 281.25 W			1.83	2.50	0.10	0.48	0.39									5.30
281.25 303.75 WNW			1.73	5.88	2.22	1.25	0.10									11.18
303.75 326.25 NW			5.30	12.81	21.87	8.38	0.10									48.46
326.25 348.75 NNW			1.45	3.56	8.48	2.79	0.19									16.47
348.75 11.25 N					0.87	0.48	0.10									1.45
Column Total (%)	0.00	0.00	13.49	32.66	37.38	14.26	2.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	

No. of Non-Flagged Records: 1038 No. of Flagged Records: 7890  
 Max. Tp : 6.4 s Filename: gc\_wavparam\_year\_5min\_4\_JFT.dat  
 Mean Tp : 4.09 s  
 Vector-averaged Speed: 3.16 s at 312.8 deg



Location: GrosCacouna at site GrosCacouna  
 Instrument: ADCP2610  
 For period: Feb.01,2005 00:00:00 to Feb.28,2005 23:55:00 UTC Sample Interval: 5 min

Direction (deg)	Tp (s)														Row Total (%)	
	0 to 1	1 to 2	2 to 3	3 to 4	4 to 5	5 to 6	6 to 7	7 to 8	8 to 9	9 to 10	10 to 11	11 to 12	12 to 13	13 to 14		14 to 15
11.25 33.75 NNE			0.36	2.54	1.09		0.36									4.35
33.75 56.25 NE			0.18	0.54	0.18		0.36									1.27
56.25 78.75 ENE			0.18	0.36	0.18		0.36									1.09
78.75 101.25 E			0.18	0.36	0.36		0.54									1.45
101.25 123.75 ESE			0.72	0.72			0.54									1.99
123.75 146.25 SE			0.72	0.54	0.18		0.36									1.81
146.25 168.75 SSE			0.91	0.36	0.36		0.36									1.99
168.75 191.25 S			0.72	0.36	0.36	0.36	0.18									1.99
191.25 213.75 SSW			1.09	0.18	0.36	0.18	0.36									2.17
213.75 236.25 SW			0.91	3.08	0.36	0.18	0.18		0.36	0.54						5.62
236.25 258.75 WSW			0.18	0.91	1.45	1.09	0.54	0.54	0.36							5.07
258.75 281.25 W			0.18	1.45	3.08	0.72										5.43
281.25 303.75 WNW			0.36	1.27	1.27	0.54										3.44
303.75 326.25 NW			0.36	22.46	18.84	1.27										42.93
326.25 348.75 NNW			2.54	9.24	3.08	0.91										15.76
348.75 11.25 N			1.27		1.09	1.09	0.18									3.62
Column Total (%)	0.00	0.00	10.87	44.38	32.25	6.34	4.35	0.54	0.72	0.54	0.00	0.00	0.00	0.00	0.00	

No. of Non-Flagged Records: 552      No. of Flagged Records: 7512  
 Max. Tp : 9.8 s      Filename: gc\_wavparam\_year\_5min\_4\_JFT.dat  
 Mean Tp : 4.08 s  
 Vector-averaged Speed: 2.47 s at 310.0 deg

Location: GrosCacouna at site GrosCacouna  
 Instrument: ADCP2610  
 For period: Mar.01,2005 00:00:00 to Mar.31,2005 23:55:00 UTC Sample Interval: 5 min

Direction (deg)	Tp (s)														Row Total (%)	
	0 to 1	1 to 2	2 to 3	3 to 4	4 to 5	5 to 6	6 to 7	7 to 8	8 to 9	9 to 10	10 to 11	11 to 12	12 to 13	13 to 14		14 to 15
11.25 33.75 NNE				1.03	0.16	0.29	0.08	0.16	0.04							1.77
33.75 56.25 NE				0.33	0.12	0.29	0.12	0.16	0.04							1.07
56.25 78.75 ENE			0.04	0.33	0.25	0.29	0.29	0.12	0.04							1.36
78.75 101.25 E				0.29	0.29	0.29	0.25	0.21	0.08							1.40
101.25 123.75 ESE				0.16	0.33	0.21	0.25	0.08	0.04							1.07
123.75 146.25 SE				0.21	0.29	0.16	0.29	0.08	0.04							1.07
146.25 168.75 SSE				0.21	0.29	0.25	0.25	0.08	0.04							1.11
168.75 191.25 S				0.29	0.21	0.25	0.29	0.04	0.04							1.11
191.25 213.75 SSW			0.91	0.78	0.21	0.25	0.25	0.04	0.04							2.47
213.75 236.25 SW			0.21	4.08	1.32	0.33	0.29	0.04	0.04							6.31
236.25 258.75 WSW			1.15	4.53	1.32	0.25	0.37	0.08	0.04							7.75
258.75 281.25 W			0.37	2.72	1.77	0.29	0.29	0.04	0.08							5.56
281.25 303.75 WNW			0.21	5.61	2.06	3.59	0.70	0.04	0.04							12.24
303.75 326.25 NW			2.31	13.48	5.52	4.91	0.37	0.04	0.04							26.67
326.25 348.75 NNW			0.21	4.45	1.57	3.13	1.85	2.27	2.39	0.29						16.16
348.75 11.25 N			0.12	2.39	1.98	4.25	2.51	1.03	0.58							12.86
Column Total (%)	0.00	0.00	5.52	40.89	17.68	19.00	8.45	4.53	3.63	0.29	0.00	0.00	0.00	0.00	0.00	

No. of Non-Flagged Records: 2426      No. of Flagged Records: 6502  
 Max. Tp : 9.1 s      Filename: gc\_wavparam\_year\_5min\_4\_JFT.dat  
 Mean Tp : 4.66 s  
 Vector-averaged Speed: 2.97 s at 316.8 deg



Location: GrosCacouna at site GrosCacouna  
 Instrument: ADCP2610  
 For period: Apr.01,2005 00:00:00 to Apr.30,2005 23:55:00 UTC Sample Interval: 5 min

Direction (deg)	Tp (s)															Row Total (%)
	0 to 1	1 to 2	2 to 3	3 to 4	4 to 5	5 to 6	6 to 7	7 to 8	8 to 9	9 to 10	10 to 11	11 to 12	12 to 13	13 to 14	14 to 15	
11.25 33.75 NNE			0.18	1.35	0.96	0.54	0.18	0.13	0.15	0.08						3.57
33.75 56.25 NE			0.25	0.39	0.47	0.19	0.14	0.15	0.08	0.04						1.72
56.25 78.75 ENE			0.28	0.28	0.35	0.24	0.14	0.17	0.07	0.04						1.56
78.75 101.25 E			0.31	0.35	0.31	0.31	0.29	0.17	0.08	0.04						1.85
101.25 123.75 ESE			0.21	0.42	0.36	0.33	0.21	0.19	0.10	0.01						1.83
123.75 146.25 SE			0.28	0.46	0.35	0.28	0.22	0.15	0.08	0.01						1.83
146.25 168.75 SSE			0.26	0.47	0.33	0.25	0.17	0.11	0.10	0.06						1.75
168.75 191.25 S			0.43	0.69	0.21	0.24	0.19	0.08	0.10	0.06						2.00
191.25 213.75 SSW			0.76	1.10	0.15	0.31	0.19	0.11	0.08	0.04						2.75
213.75 236.25 SW			1.08	2.95	1.29	0.57	0.26	0.17	0.06	0.07						6.45
236.25 258.75 WSW			0.89	4.20	1.11	0.40	0.22	0.19	0.07	0.10						7.18
258.75 281.25 W			0.71	2.68	0.47	0.25	0.28	0.14	0.06	0.10						4.68
281.25 303.75 WNW			1.18	4.89	0.92	0.19	0.26	0.11	0.07	0.10						7.73
303.75 326.25 NW			1.65	4.96	1.13	0.15	0.25	0.15	0.06	0.10	0.03					8.48
326.25 348.75 NNW			2.43	5.59	3.39	3.40	2.33	1.96	1.51	0.42	0.03					21.07
348.75 11.25 N			0.40	2.28	4.43	4.50	4.03	3.96	2.85	2.54	0.54					25.54
Column Total (%)	0.00	0.00	11.31	33.05	16.23	12.16	9.38	7.95	5.52	3.81	0.60	0.00	0.00	0.00	0.00	

No. of Non-Flagged Records: 7196 No. of Flagged Records: 1444  
 Max. Tp : 10.6 s Filename: gc\_wavparam\_year\_5min\_4\_JFT.dat  
 Mean Tp : 4.9 s  
 Vector-averaged Speed: 2.79 s at 336.2 deg

Location: GrosCacouna at site GrosCacouna  
 Instrument: ADCP2610  
 For period: May.01,2005 00:00:00 to May.31,2005 23:55:00 UTC Sample Interval: 5 min

Direction (deg)	Tp (s)															Row Total (%)
	0 to 1	1 to 2	2 to 3	3 to 4	4 to 5	5 to 6	6 to 7	7 to 8	8 to 9	9 to 10	10 to 11	11 to 12	12 to 13	13 to 14	14 to 15	
11.25 33.75 NNE			1.22	3.35	2.61	0.83	0.10	0.08	0.07	0.02						8.28
33.75 56.25 NE			0.63	1.29	0.41	0.43	0.07	0.06	0.04							2.92
56.25 78.75 ENE			0.54	1.15	0.40	0.37	0.08	0.07	0.04							2.65
78.75 101.25 E			0.37	1.05	0.49	0.50	0.08	0.06	0.04	0.02						2.62
101.25 123.75 ESE			0.32	1.08	0.39	0.29	0.15	0.10	0.02	0.01						2.36
123.75 146.25 SE			0.36	1.04	0.39	0.37	0.16	0.04	0.02	0.01						2.40
146.25 168.75 SSE			0.36	1.15	0.41	0.44	0.10	0.10	0.02							2.59
168.75 191.25 S			0.41	1.29	0.57	0.39	0.18	0.09	0.03							2.97
191.25 213.75 SSW			0.52	1.72	0.73	0.26	0.13	0.08	0.04	0.01						3.49
213.75 236.25 SW			1.43	4.30	0.94	0.36	0.13	0.09	0.03	0.10						7.39
236.25 258.75 WSW			1.13	2.77	0.90	0.34	0.12	0.11	0.06	0.06						5.48
258.75 281.25 W			0.68	1.81	0.53	0.49	0.16	0.17	0.08	0.04						3.97
281.25 303.75 WNW			0.85	2.33	0.53	0.35	0.11	0.15	0.13							4.45
303.75 326.25 NW			1.68	4.07	1.21	0.56	0.11	0.15	0.12	0.07						7.96
326.25 348.75 NNW			2.00	6.34	4.55	3.69	1.18	0.90	0.12	0.16						18.93
348.75 11.25 N			0.97	5.10	5.88	5.53	2.15	1.41	0.34	0.16						21.54
Column Total (%)	0.00	0.00	13.49	39.84	20.95	15.19	5.01	3.64	1.23	0.66	0.00	0.00	0.00	0.00	0.00	

No. of Non-Flagged Records: 8928 No. of Flagged Records: 0  
 Max. Tp : 9.8 s Filename: gc\_wavparam\_year\_5min\_4\_JFT.dat  
 Mean Tp : 4.26 s  
 Vector-averaged Speed: 1.96 s at 339.5 deg



Location: GrosCacouna at site GrosCacouna  
 Instrument: ADCP2610  
 For period: Jun.01,2005 00:00:00 to Jun.30,2005 23:55:00 UTC Sample Interval: 5 min

Direction (deg)	Tp (s)														Row Total (%)	
	0 to 1	1 to 2	2 to 3	3 to 4	4 to 5	5 to 6	6 to 7	7 to 8	8 to 9	9 to 10	10 to 11	11 to 12	12 to 13	13 to 14		14 to 15
11.25 33.75 NNE			1.05	1.71	1.15	0.79	0.17	0.05	0.02	0.02						4.97
33.75 56.25 NE			0.95	1.22	0.36	0.24	0.12	0.03		0.01						2.93
56.25 78.75 ENE			0.80	1.20	0.31	0.22	0.09	0.05	0.02	0.01						2.71
78.75 101.25 E			0.71	1.37	0.34	0.28	0.10	0.02	0.06	0.09						2.96
101.25 123.75 ESE			0.94	1.33	0.30	0.25	0.07	0.02		0.05						2.96
123.75 146.25 SE			0.86	1.18	0.34	0.21	0.08	0.01	0.03	0.02						2.73
146.25 168.75 SSE			0.81	1.35	0.35	0.20	0.08		0.02	0.01						2.82
168.75 191.25 S			0.87	1.81	0.39	0.23	0.14	0.05		0.02						3.51
191.25 213.75 SSW			1.20	2.57	0.35	0.20	0.08	0.06		0.02						4.48
213.75 236.25 SW			1.64	7.87	5.30	0.31	0.12	0.03	0.01	0.02						15.31
236.25 258.75 WSW			2.91	6.70	1.97	0.24	0.09	0.05	0.02	0.02						12.00
258.75 281.25 W			2.40	3.24	0.57	0.32	0.09	0.03	0.08	0.02						6.76
281.25 303.75 WNW			2.14	3.08	0.31	0.37	0.20	0.14	0.13	0.03						6.40
303.75 326.25 NW			1.63	2.99	0.54	0.37	0.07	0.03	0.06	0.07						5.76
326.25 348.75 NNW			2.20	4.50	3.06	1.69	0.19	0.05	0.08	0.05						11.81
348.75 11.25 N			0.98	2.70	3.55	3.19	1.13	0.13	0.10	0.09						11.89
Column Total (%)	0.00	0.00	22.08	44.81	19.18	9.12	2.82	0.75	0.65	0.58	0.00	0.00	0.00	0.00	0.00	

No. of Non-Flagged Records: 8640 No. of Flagged Records: 0  
 Max. Tp : 9.79 s Filename: gc\_wavparam\_year\_5min\_4\_JFT.dat  
 Mean Tp : 3.83 s  
 Vector-averaged Speed: 1.18 s at 294.2 deg

Location: GrosCacouna at site GrosCacouna  
 Instrument: ADCP2610  
 For period: Jul.01,2005 00:00:00 to Jul.31,2005 23:55:00 UTC Sample Interval: 5 min

Direction (deg)	Tp (s)														Row Total (%)	
	0 to 1	1 to 2	2 to 3	3 to 4	4 to 5	5 to 6	6 to 7	7 to 8	8 to 9	9 to 10	10 to 11	11 to 12	12 to 13	13 to 14		14 to 15
11.25 33.75 NNE			1.26	2.69	0.55	0.36	0.03	0.02	0.03	0.13						5.07
33.75 56.25 NE			1.56	1.94	0.29	0.18	0.12	0.15	0.10	0.14						4.47
56.25 78.75 ENE			1.33	2.33	0.29	0.06	0.09	0.08	0.05	0.09						4.31
78.75 101.25 E			1.28	2.67	0.28	0.15	0.06	0.05	0.15	0.03						4.67
101.25 123.75 ESE			1.30	2.49	0.25	0.18	0.05	0.09	0.05	0.06						4.47
123.75 146.25 SE			1.23	2.54	0.24	0.17	0.08	0.12	0.03	0.07						4.48
146.25 168.75 SSE			1.15	2.69	0.30	0.14	0.13	0.06	0.03	0.07						4.56
168.75 191.25 S			1.68	3.32	0.29	0.22	0.21	0.22	0.17	0.14						6.25
191.25 213.75 SSW			1.89	3.69	0.25	0.23	0.18	0.10	0.12	0.08						6.55
213.75 236.25 SW			1.96	5.11	0.31	0.23	0.12	0.09	0.08	0.18						8.08
236.25 258.75 WSW			2.65	4.99	0.45	0.16	0.18	0.15	0.14	0.18						8.91
258.75 281.25 W			2.39	5.66	0.47	0.28	0.13	0.23	0.09	0.17						9.42
281.25 303.75 WNW			2.12	5.57	0.85	0.27	0.25	0.21	0.15	0.05						9.46
303.75 326.25 NW			2.32	5.44	0.55	0.30	0.25	0.21	0.08	0.15						9.30
326.25 348.75 NNW			1.56	3.13	0.86	0.35	0.28	0.21	0.12	0.10						6.60
348.75 11.25 N			0.51	1.51	0.76	0.17	0.13	0.09	0.13	0.10						3.40
Column Total (%)	0.00	0.00	26.17	55.75	7.01	3.45	2.28	2.07	1.52	1.75	0.00	0.00	0.00	0.00	0.00	

No. of Non-Flagged Records: 8677 No. of Flagged Records: 251  
 Max. Tp : 9.8 s Filename: gc\_wavparam\_year\_5min\_4\_JFT.dat  
 Mean Tp : 3.67 s  
 Vector-averaged Speed: 0.77 s at 269.5 deg



# Hs vs Tp

Location: GrosCacouna at site GrosCacouna  
 Instrument: ADCP2610  
 For period: Oct.07,2004 15:00:00 to Oct.31,2004 23:55:00 UTC Sample Interval: 5 min

Tp (s)	Hs (m)																Row Total (%)
	0 to 0.2	0.2 to 0.4	0.4 to 0.6	0.6 to 0.8	0.8 to 1	1 to 1.2	1.2 to 1.4	1.4 to 1.6	1.6 to 1.8	1.8 to 2	2 to 2.2	2.2 to 2.4	2.4 to 2.6	2.6 to 2.8	2.8 to 3	3 to 3.2	
0	1																0.00
1	2																0.00
2	3	31.18	2.12	0.16													33.46
3	4	32.42	12.24	1.65	0.19												46.50
4	5	4.37	3.43	1.70	0.46												9.96
5	6	1.50	1.28	1.13	0.34	0.01											4.26
6	7	1.37	0.31	0.33	0.17	0.33											2.51
7	8	0.38	0.03	0.09	0.31	0.01											0.83
8	9	1.13	0.07	0.13	0.16												1.48
9	10	0.57	0.16	0.01													0.74
10	11	0.16	0.11														0.27
11	12																
Column Total (%)		73.08	19.76	5.19	1.62	0.36	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

No. of Non-Flagged Rec: 7020      No. of Flagged Records: 0  
 Max. Hs : 0.91 m      Filename: gc\_waveparm\_year\_5min\_4\_JFT.dat  
 Mean Hs : 0.17 m

Location: GrosCacouna at site GrosCacouna  
 Instrument: ADCP2610  
 For period: Nov.01,2004 00:00:00 to Nov.30,2004 23:55:00 UTC Sample Interval: 5 min

Tp (s)	Hs (m)																Row Total (%)
	0 to 0.2	0.2 to 0.4	0.4 to 0.6	0.6 to 0.8	0.8 to 1	1 to 1.2	1.2 to 1.4	1.4 to 1.6	1.6 to 1.8	1.8 to 2	2 to 2.2	2.2 to 2.4	2.4 to 2.6	2.6 to 2.8	2.8 to 3	3 to 3.2	
0	1																0.00
1	2																0.00
2	3	16.74	4.26	0.59	0.03												21.62
3	4	17.53	16.21	10.77	3.59	0.41											48.51
4	5	4.03	4.49	4.35	2.99	0.96	0.01										16.84
5	6	4.41	2.20	1.66	0.63	0.06											8.96
6	7	1.03	1.47	0.17													2.68
7	8	0.47	0.40	0.01													0.89
8	9	0.29	0.01														0.30
9	10	0.13	0.03														0.16
10	11		0.03														0.03
11	12		0.03														0.03
Column Total (%)		44.62	29.14	17.55	7.24	1.43	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

No. of Non-Flagged Rec: 6990      No. of Flagged Records: 1650  
 Max. Hs : 1 m      Filename: gc\_waveparm\_year\_5min\_4\_JFT.dat  
 Mean Hs : 0.29 m





Location: GrosCacouna at site GrosCacouna  
 Instrument: ADCP2610  
 For period: Dec.01,2004 00:00:00 to Dec.31,2004 23:55:00 UTC Sample Interval: 5 min

		Hs (m)															Row Total (%)	
0 to	0.2 to	0.4 to	0.6 to	0.8 to	1 to	1.2 to	1.4 to	1.6 to	1.8 to	2 to	2.2 to	2.4 to	2.6 to	2.8 to	3 to			
0	1																0.00	
1	2																0.00	
2	3	7.53	2.15	0.60													10.28	
3	4	14.87	16.32	9.81	3.06	0.26											44.32	
4	5	0.94	2.91	4.30	3.51	3.00	1.32	0.68									16.66	
5	6	0.72	2.85	1.96	2.00	1.87	2.02	1.32	0.43	0.21							13.38	
6	7	0.87	1.21	0.09	1.02	0.15	0.09	0.11		0.02							3.55	
7	8	1.28	0.36	0.40	0.62	0.32	0.11	0.11									3.19	
8	9	1.26	0.55	0.21		0.36	0.28	0.74	0.13		0.04	0.04	0.06	0.04	0.13	0.11	0.02	3.98
9	10	0.06	0.09	0.36	0.38	0.21	0.47	0.21	0.38	0.13	0.11	0.06	0.06	0.06				2.60
10	11				0.02	0.43	0.34		0.04	0.21	0.28							1.32
11	12					0.17	0.09	0.06										0.72
Column Total (%)		27.53	26.45	17.72	10.62	6.77	4.70	3.23	1.02	0.89	0.47	0.11	0.13	0.11	0.13	0.11	0.02	

No. of Non-Flagged Rec: 4700 No. of Flagged Records: 4228  
 Max. Hs: 3.04 m Filename: gc\_wavparm\_year\_5min\_4\_JFT.dat  
 Mean Hs: 0.48 m

Location: GrosCacouna at site GrosCacouna  
 Instrument: ADCP2610  
 For period: Jan.01,2005 00:00:00 to Jan.31,2005 23:55:00 UTC Sample Interval: 5 min

		Hs (m)															Row Total (%)	
0 to	0.2 to	0.4 to	0.6 to	0.8 to	1 to	1.2 to	1.4 to	1.6 to	1.8 to	2 to	2.2 to	2.4 to	2.6 to	2.8 to	3 to			
0	1																	0.00
1	2																	0.00
2	3	7.90	5.59															13.49
3	4	3.56	13.97	6.55	5.49	2.89	0.19											32.66
4	5	0.10	6.84	2.99	8.29	6.74	4.53	7.90										37.38
5	6		2.70		0.48	5.01	1.54	4.53										14.26
6	7		2.22															2.22
7	8																	
8	9																	
9	10																	
10	11																	
11	12																	
Column Total (%)		11.56	31.31	9.54	14.26	14.64	6.26	12.43	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	

No. of Non-Flagged Rec: 1038 No. of Flagged Records: 7890  
 Max. Hs: 1.39 m Filename: gc\_wavparm\_year\_5min\_4\_JFT.dat  
 Mean Hs: 0.61 m

Location: GrosCacouna at site GrosCacouna  
 Instrument: ADCP2610  
 For period: Feb.01,2005 00:00:00 to Feb.28,2005 23:55:00 UTC Sample Interval: 5 min

		Hs (m)															Row Total (%)	
0 to	0.2 to	0.4 to	0.6 to	0.8 to	1 to	1.2 to	1.4 to	1.6 to	1.8 to	2 to	2.2 to	2.4 to	2.6 to	2.8 to	3 to			
0	1																	0.00
1	2																	0.00
2	3	3.99		0.18	6.70													10.87
3	4	10.33	14.31	14.67	4.71	0.36												44.38
4	5	6.34	6.16	5.62	7.97	6.16												32.25
5	6	1.45	2.36	2.54														6.34
6	7	0.54	2.17	1.63														4.35
7	8	0.54																0.54
8	9	0.72																0.72
9	10	0.54																0.54
10	11																	
11	12																	
Column Total (%)		24.46	25.00	24.64	19.38	6.52	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	

No. of Non-Flagged Rec: 552 No. of Flagged Records: 7512  
 Max. Hs: 0.97 m Filename: gc\_wavparm\_year\_5min\_4\_JFT.dat  
 Mean Hs: 0.42 m



Location: GrosCacouna at site GrosCacouna  
 Instrument: ADCP2610  
 For period: Mar.01,2005 00:00:00 to Mar.31,2005 23:55:00 UTC Sample Interval: 5 min

		Hs (m)															Row Total (%)
0 to	0.2 to	0.4 to	0.6 to	0.8 to	1 to	1.2 to	1.4 to	1.6 to	1.8 to	2 to	2.2 to	2.4 to	2.6 to	2.8 to	3 to		
0	1																0.00
1	2																0.00
2	3	1.20	4.16	0.16													5.52
3	4	8.53	15.70	11.58	3.71	1.36											40.89
4	5	2.84	4.74	4.37	1.07	4.20	0.45										17.68
5	6	2.27	7.38	4.29	2.35	1.36	0.74	0.62									19.00
6	7	0.58	2.68	2.93	1.15	0.66		0.45									8.45
7	8	0.33	1.07	0.29	0.33	1.40	0.87	0.25									4.53
8	9	0.74			0.54	0.91	0.54	0.91									3.63
9	10	0.16						0.12									0.29
10	11																
11	12																
Column Total (%)		16.65	35.74	23.62	9.15	9.89	2.60	2.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

No. of Non-Flagged Rec: 2426 No. of Flagged Records: 6502  
 Max. Hs: 1.38 m Filename: gc\_wavparm\_year\_5min\_4\_JFT.dat  
 Mean Hs: 0.45 m

Location: GrosCacouna at site GrosCacouna  
 Instrument: ADCP2610  
 For period: Apr.01,2005 00:00:00 to Apr.30,2005 23:55:00 UTC Sample Interval: 5 min

		Hs (m)															Row Total (%)
0 to	0.2 to	0.4 to	0.6 to	0.8 to	1 to	1.2 to	1.4 to	1.6 to	1.8 to	2 to	2.2 to	2.4 to	2.6 to	2.8 to	3 to		
0	1																0.00
1	2																0.00
2	3	9.32	1.75	0.08			0.08	0.07									11.31
3	4	14.26	15.58	2.52	0.21	0.35	0.10	0.04									33.05
4	5	1.96	6.99	4.82	1.90	0.36	0.13	0.07									16.23
5	6	3.84	2.72	1.70	1.99	1.01	0.50	0.32	0.08								12.16
6	7	1.56	2.46	0.74	1.85	1.32	1.00	0.29	0.03	0.14							9.38
7	8	1.17	1.72	0.74	1.51	1.14	1.00	0.22	0.22	0.15	0.07						7.95
8	9	1.61	0.65	0.33	1.15	0.85	0.39	0.38	0.15								5.52
9	10	1.76	0.75	0.36	0.11	0.57	0.22	0.01	0.01								3.81
10	11	0.25		0.18	0.17												0.60
11	12																
Column Total (%)		35.73	32.63	11.46	8.89	5.60	3.42	1.40	0.50	0.29	0.07	0.00	0.00	0.00	0.00	0.00	0.00

No. of Non-Flagged Rec: 7196 No. of Flagged Records: 1444  
 Max. Hs: 1.92 m Filename: gc\_wavparm\_year\_5min\_4\_JFT.dat  
 Mean Hs: 0.37 m

Location: GrosCacouna at site GrosCacouna  
 Instrument: ADCP2610  
 For period: May.01,2005 00:00:00 to May.31,2005 23:55:00 UTC Sample Interval: 5 min

		Hs (m)															Row Total (%)
0 to	0.2 to	0.4 to	0.6 to	0.8 to	1 to	1.2 to	1.4 to	1.6 to	1.8 to	2 to	2.2 to	2.4 to	2.6 to	2.8 to	3 to		
0	1																0.00
1	2																0.00
2	3	12.37	1.09	0.03													13.49
3	4	28.67	7.65	2.61	0.90	0.01											39.84
4	5	9.39	5.89	3.20	1.48	0.81	0.18										20.95
5	6	5.38	3.36	2.89	1.36	1.22	0.64	0.13	0.10	0.08	0.03						15.19
6	7	1.60	1.12	0.56	0.71	0.57	0.25	0.11	0.04	0.04							5.01
7	8	0.96	0.38	0.32	0.73	0.86	0.26	0.03	0.07	0.02							3.64
8	9	0.75		0.04		0.11	0.15	0.10	0.07	0.01							1.23
9	10	0.52	0.02			0.03	0.08	0.01									0.66
10	11																
11	12																
Column Total (%)		59.63	19.51	9.67	5.16	3.62	1.55	0.39	0.28	0.16	0.03	0.00	0.00	0.00	0.00	0.00	0.00

No. of Non-Flagged Rec: 8928 No. of Flagged Records: 0  
 Max. Hs: 1.86 m Filename: gc\_wavparm\_year\_5min\_4\_JFT.dat  
 Mean Hs: 0.26 m



Location: GrosCacouna at site GrosCacouna  
 Instrument: ADCP2610  
 For period: Jun.01,2005 00:00:00 to Jun.30,2005 23:55:00 UTC Sample Interval: 5 min

		Hs (m)															Row Total (%)
0 to	0.2 to	0.4 to	0.6 to	0.8 to	1 to	1.2 to	1.4 to	1.6 to	1.8 to	2 to	2.2 to	2.4 to	2.6 to	2.8 to	3 to		
0.2	0.4	0.6	0.8	1	1.2	1.4	1.6	1.8	2	2.2	2.4	2.6	2.8	3	3.2		
0	1															0.00	
1	2															0.00	
2	3	20.43	1.66													22.08	
3	4	31.97	9.63	3.04	0.17											44.81	
4	5	6.37	6.82	5.49	0.46	0.05										19.18	
5	6	5.45	1.85	1.42	0.39											9.12	
6	7	1.53	0.39	0.57	0.34											2.82	
7	8	0.75														0.75	
8	9	0.63	0.02													0.65	
9	10	0.52	0.06													0.58	
10	11																
11	12																
Column Total (%)		67.64	20.43	10.52	1.37	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	

No. of Non-Flagged Rec: 8640 No. of Flagged Records: 0  
 Max. Hs: 0.83 m Filename: gc\_waveparm\_year\_5min\_4\_JFT.dat  
 Mean Hs: 0.19 m  
 Location: GrosCacouna at site GrosCacouna  
 Instrument: ADCP2610  
 For period: Jul.01,2005 00:00:00 to Jul.31,2005 23:55:00 UTC Sample Interval: 5 min

		Hs (m)															Row Total (%)
0 to	0.2 to	0.4 to	0.6 to	0.8 to	1 to	1.2 to	1.4 to	1.6 to	1.8 to	2 to	2.2 to	2.4 to	2.6 to	2.8 to	3 to		
0.2	0.4	0.6	0.8	1	1.2	1.4	1.6	1.8	2	2.2	2.4	2.6	2.8	3	3.2		
0	1															0.00	
1	2															0.00	
2	3	25.79	0.38													26.17	
3	4	54.45	1.29													55.75	
4	5	7.01														7.01	
5	6	3.43	0.01													3.45	
6	7	2.25	0.03													2.28	
7	8	2.04	0.03													2.07	
8	9	1.44	0.08													1.52	
9	10	1.60	0.15													1.75	
10	11																
11	12																
Column Total (%)		98.02	1.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	

No. of Non-Flagged Rec: 8677 No. of Flagged Records: 251  
 Max. Hs: 0.39 m Filename: gc\_waveparm\_year\_5min\_4\_JFT.dat  
 Mean Hs: 0.09 m  
 Location: GrosCacouna at site GrosCacouna  
 Instrument: ADCP2610  
 For period: Aug.01,2005 00:00:00 to Aug.31,2005 23:55:00 UTC Sample Interval: 5 min

		Hs (m)															Row Total (%)
0 to	0.2 to	0.4 to	0.6 to	0.8 to	1 to	1.2 to	1.4 to	1.6 to	1.8 to	2 to	2.2 to	2.4 to	2.6 to	2.8 to	3 to		
0.2	0.4	0.6	0.8	1	1.2	1.4	1.6	1.8	2	2.2	2.4	2.6	2.8	3	3.2		
0	1															0.00	
1	2															0.00	
2	3	25.69	0.62													26.31	
3	4	49.60	4.38	0.06												54.03	
4	5	5.72	2.20	0.63	0.30	0.07	0.02									8.94	
5	6	3.20	0.69	0.12			0.02	0.03								4.08	
6	7	2.15	0.07				0.01	0.03								2.26	
7	8	1.47	0.04				0.10	0.25	0.10	0.10						2.06	
8	9	1.49	0.01					0.01								1.51	
9	10	0.80	0.01													0.81	
10	11																
11	12																
Column Total (%)		90.12	8.02	0.81	0.30	0.07	0.15	0.29	0.15	0.10	0.00	0.00	0.00	0.00	0.00	0.00	

No. of Non-Flagged Rec: 8928 No. of Flagged Records: 0  
 Max. Hs: 1.74 m Filename: gc\_waveparm\_year\_5min\_4\_JFT.dat  
 Mean Hs: 0.12 m



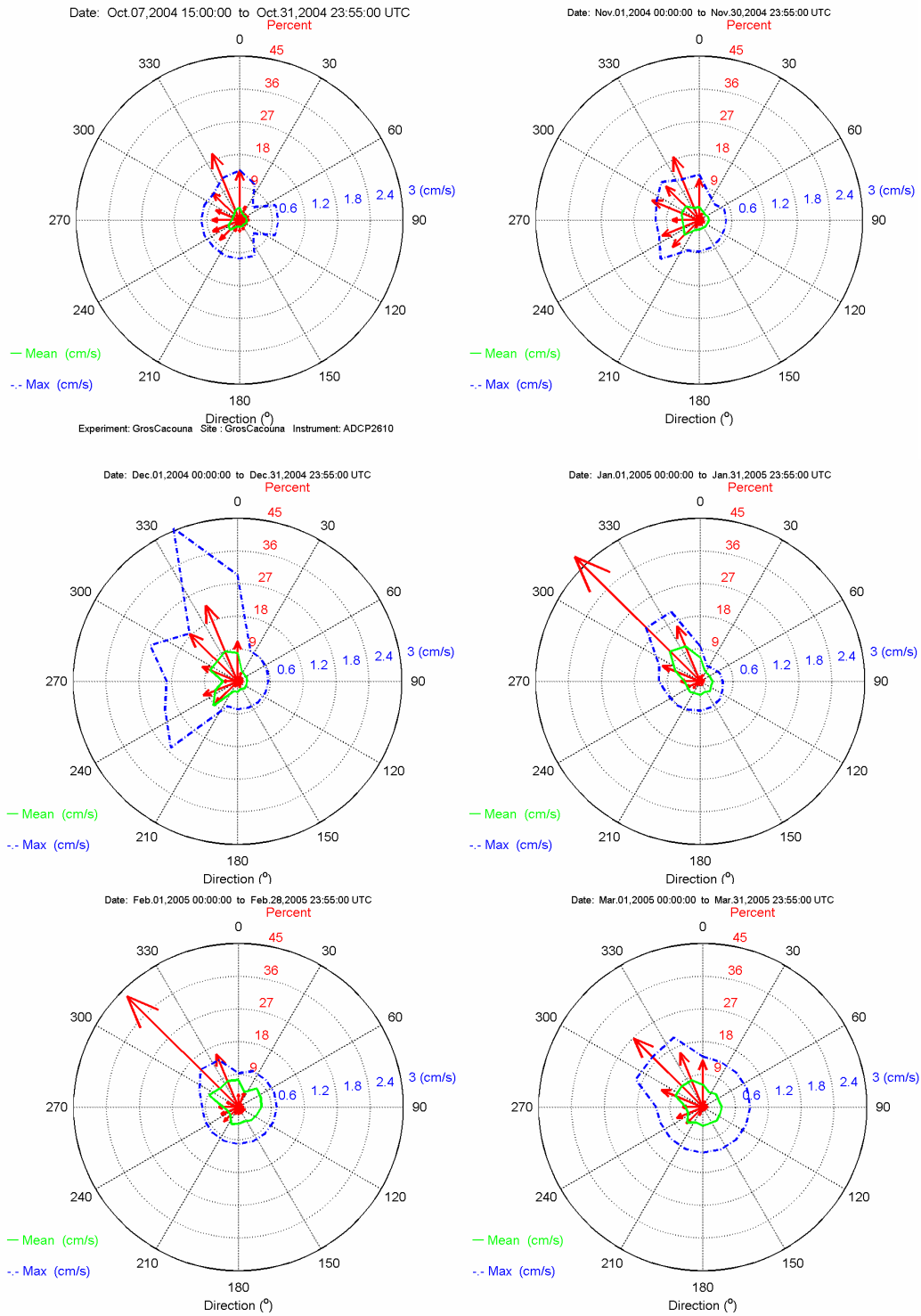
Location: GrosCacouna at site GrosCacouna  
 Instrument: ADCP2610  
 For period: Sep.01,2005 00:00:00 to Sep.30,2005 23:55:00 UTC Sample Interval: 5 min

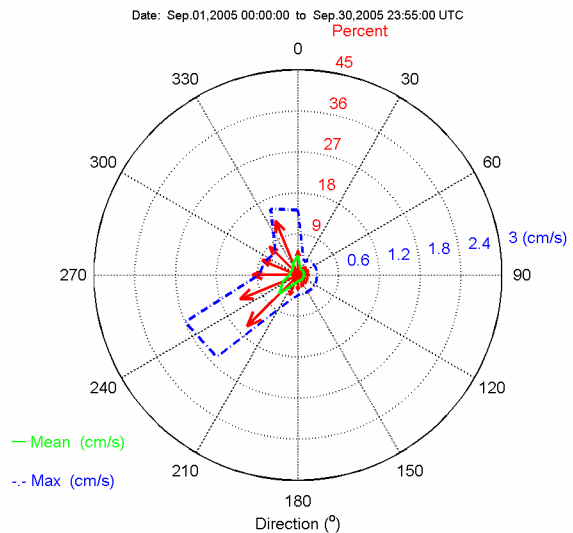
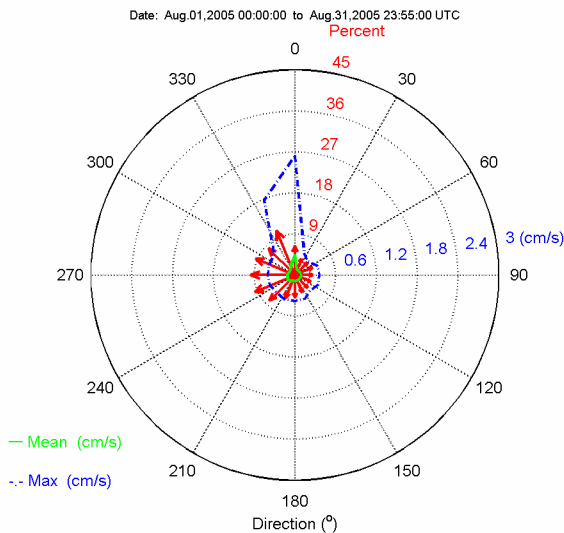
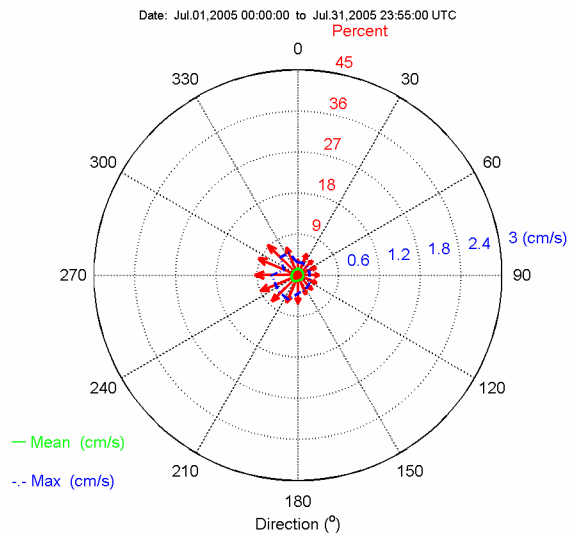
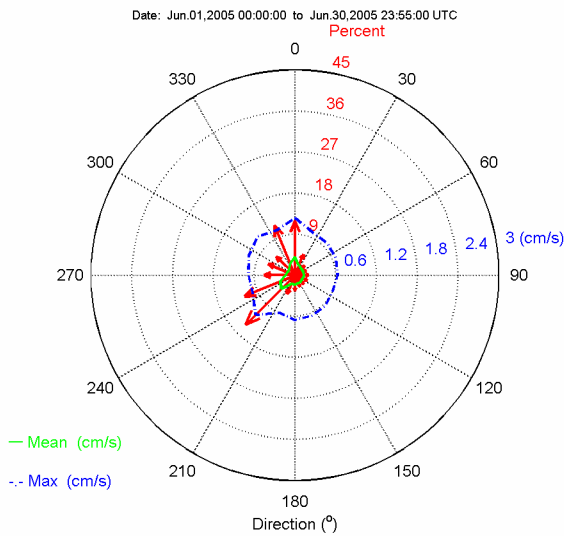
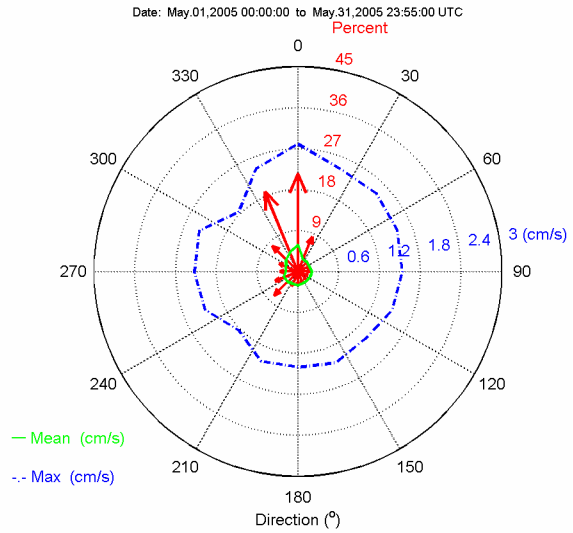
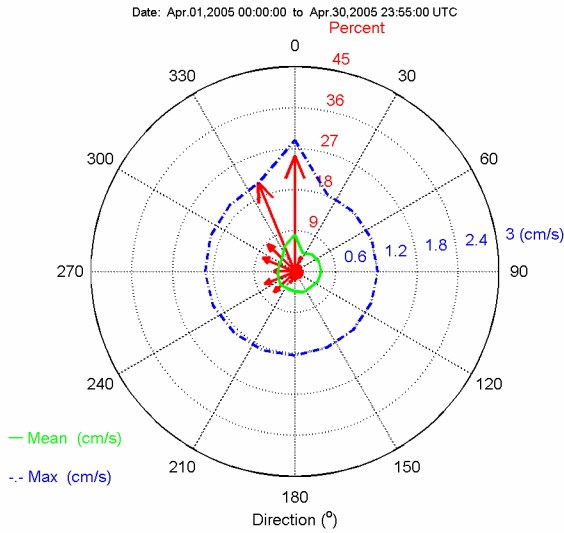
		Hs (m)															Row Total (%)	
Tp (s)		0 to 0.2	0.2 to 0.4	0.4 to 0.6	0.6 to 0.8	0.8 to 1	1 to 1.2	1.2 to 1.4	1.4 to 1.6	1.6 to 1.8	1.8 to 2	2 to 2.2	2.2 to 2.4	2.4 to 2.6	2.6 to 2.8	2.8 to 3		3 to 3.2
0	1																	0.00
1	2																	0.00
2	3	24.74	2.22	0.13														27.09
3	4	36.09	10.97	2.12	0.87	0.29												50.34
4	5	4.24	1.16	1.00	1.90	0.91	0.26	0.23	0.09	0.09								9.88
5	6	2.35	0.05	0.02	0.26	0.55	0.22	0.08										3.53
6	7	1.92		0.02	0.23													2.18
7	8	1.68	0.95	0.26	0.35	0.10												3.34
8	9	1.58	0.67	0.13	0.27	0.06	0.02											2.73
9	10	0.90	0.01															0.91
10	11																	
11	12																	
Column Total (%)		73.49	16.05	3.68	3.88	1.91	0.50	0.31	0.09	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

No. of Non-Flagged Rec 8593      No. of Flagged Records 47  
 Max. Hs : 1.79 m      Filename: gc\_waveparm\_year\_5min\_4\_JFT.dat  
 Mean Hs : 0.19 m



### B.3 Monthly Compass Plots (Hs vs MWD)

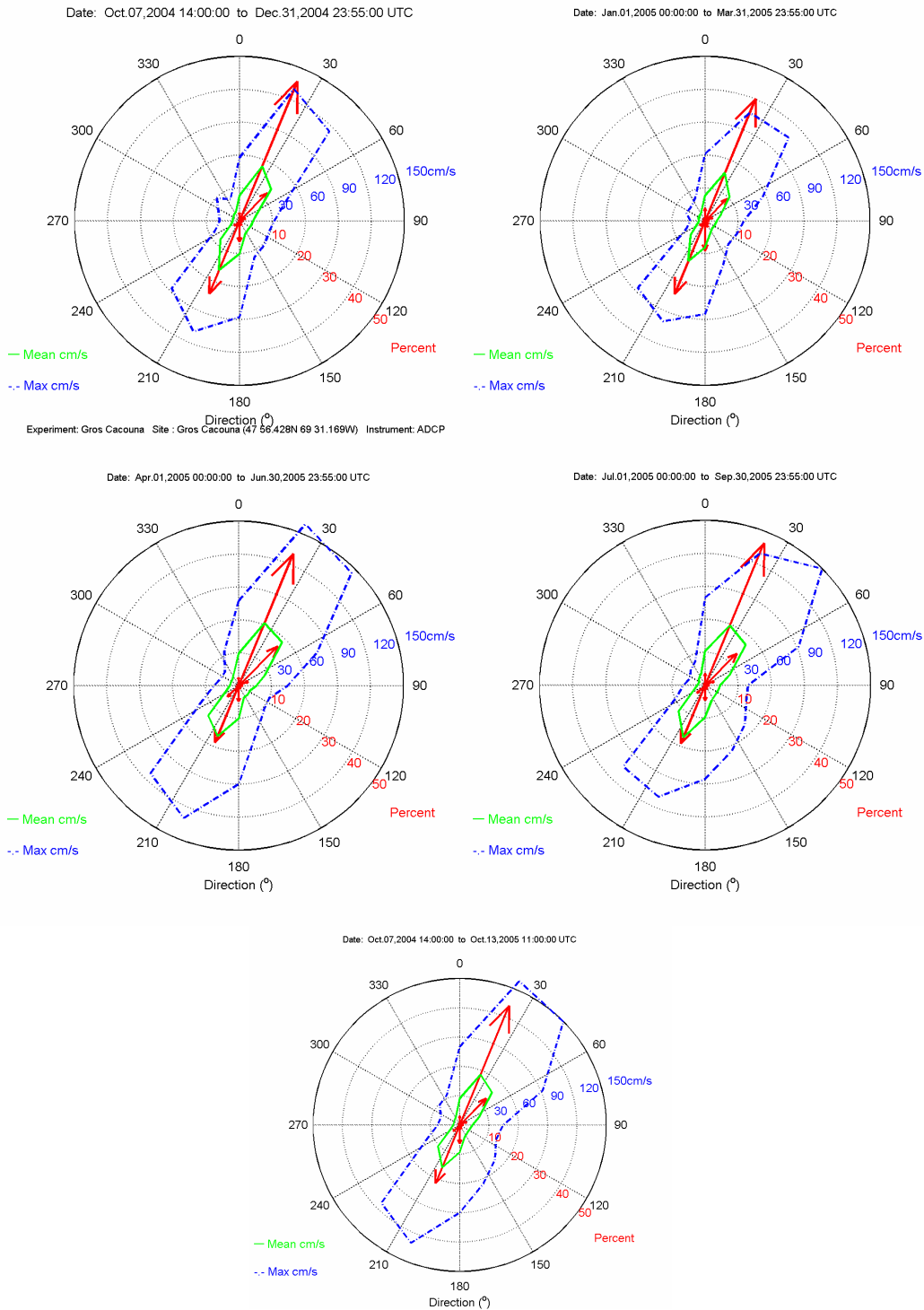




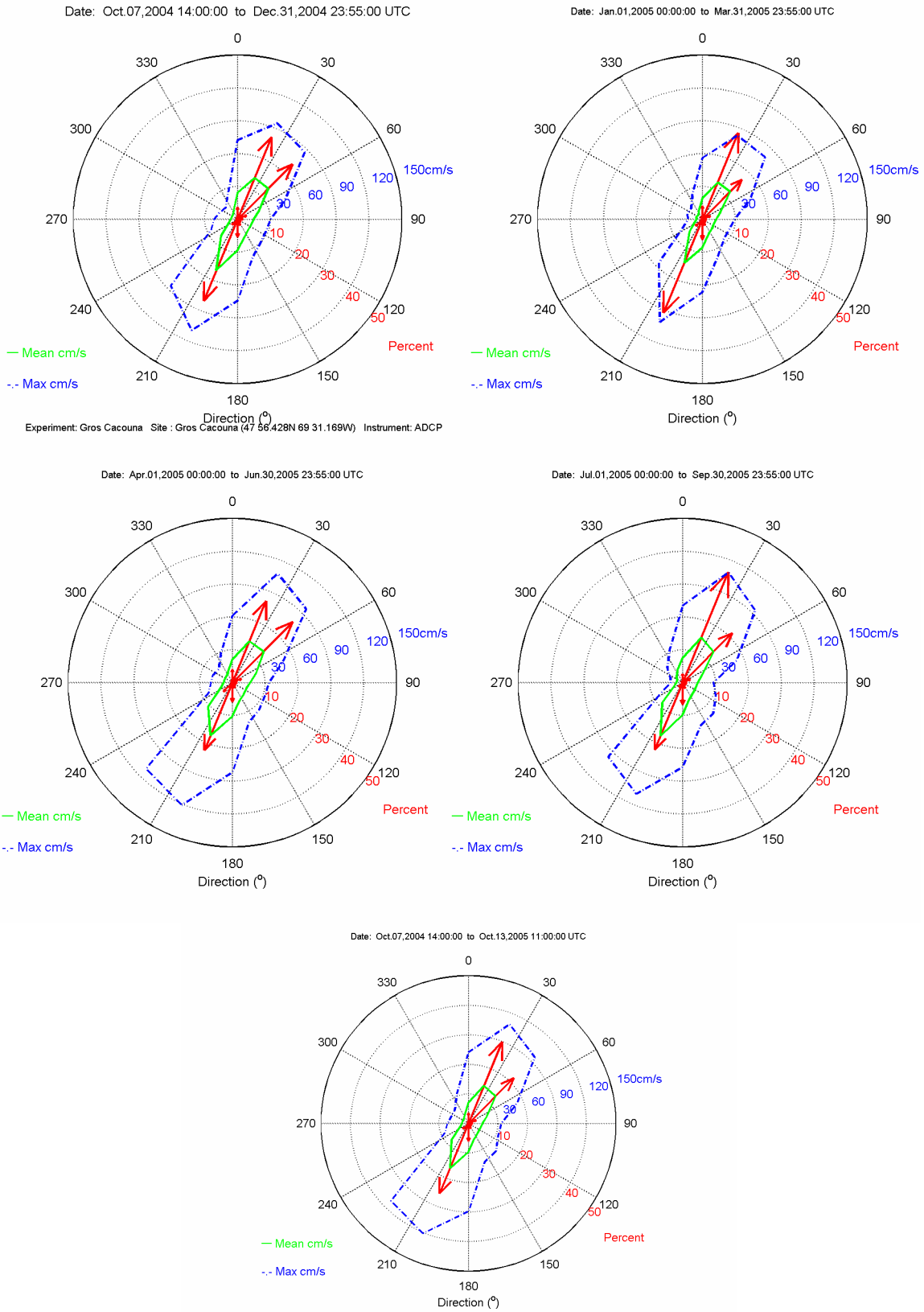
# C Additional Current Results

## C.1 Seasonal Compass Plots

### Near-Surface



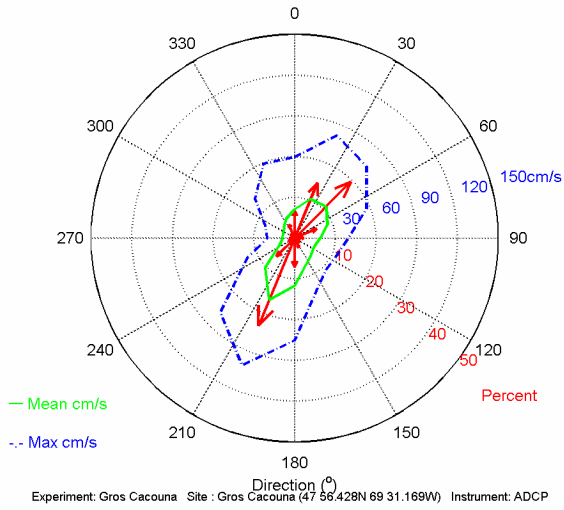
# Mid-Depth



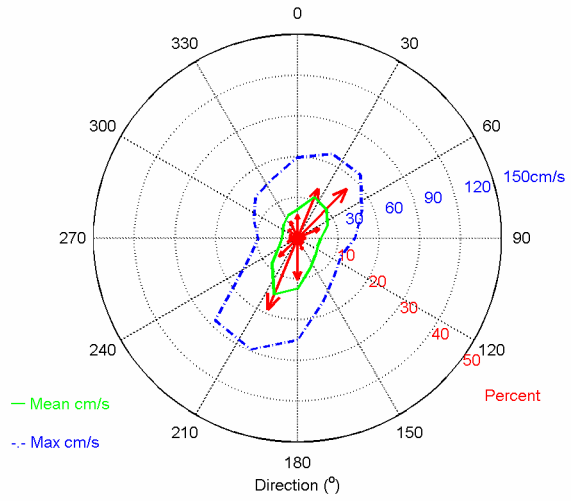


# Near-Bottom

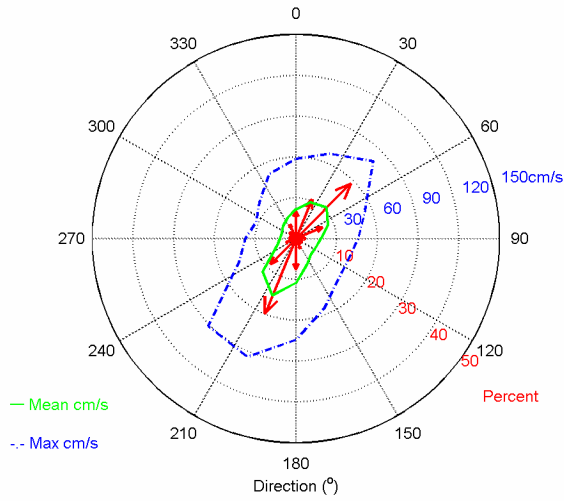
Date: Oct.07,2004 14:00:00 to Dec.31,2004 23:55:00 UTC



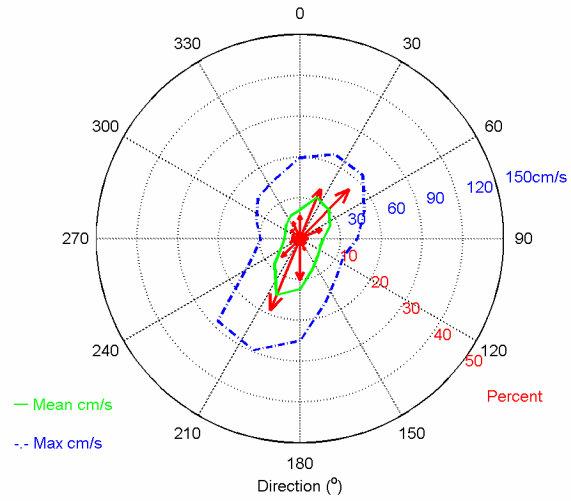
Date: Jul.01,2005 00:00:00 to Sep.30,2005 23:55:00 UTC



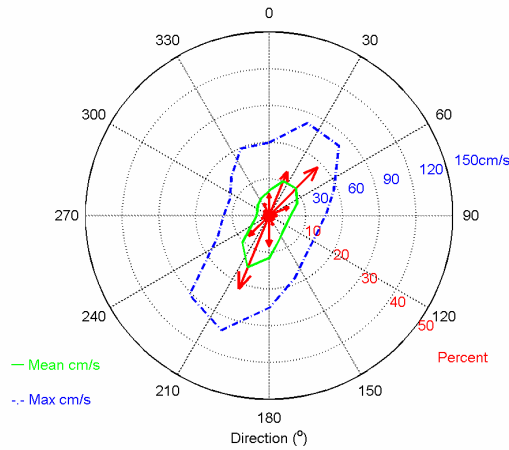
Date: Apr.01,2005 00:00:00 to Jun.30,2005 23:55:00 UTC



Date: Jul.01,2005 00:00:00 to Sep.30,2005 23:55:00 UTC



Date: Oct.07,2004 14:00:00 to Oct.13,2005 11:00:00 UTC



## C.2 Monthly Joint Frequency Tables

### Near-Surface

Location: Gros Cacouna (47 56.428N 69 31.169W) at site Gros Cacouna  
 Instrument: ADCP  
 For period: Oct.07,2004 14:00:00 to Oct.31,2004 23:55:00 UTC Sample Interval: 5 min

Direction (deg)		Speed (cm/s)															Row Total (%)			
		0 to 10	10 to 20	20 to 30	30 to 40	40 to 50	50 to 60	60 to 70	70 to 80	80 to 90	90 to 100	100 to 110	110 to 120	120 to 130	130 to 140	140 to 150		150 to 160		
11.25	33.75 NNE	0.81	1.99	3.26	5.94	7.81	8.03	7.48	5.43	2.35	1.00	0.53	0.09	0.09						44.80
33.75	56.25 NE	0.74	1.64	1.79	2.26	2.53	1.66	0.28	0.38	0.24	0.13	0.01	0.04							11.72
56.25	78.75 ENE	0.48	0.82	0.77	0.06															2.13
78.75	101.3 E	0.55	0.38	0.01																0.95
101.3	123.8 ESE	0.46	0.24	0.04																0.74
123.8	146.3 SE	0.47	0.34	0.01																0.82
146.3	168.8 SSE	0.67	0.73	0.14																1.54
168.8	191.3 S	0.41	1.45	1.78	1.34	0.85	0.43	0.41	0.03	0.04										6.74
191.3	213.8 SSW	0.36	1.34	2.56	3.14	4.56	4.65	4.07	3.16	1.38	1.04	0.17								26.42
213.8	236.3 SW	0.30	0.31	0.55	0.07	0.07	0.04	0.04	0.01											1.41
236.3	258.8 WSW	0.21	0.09	0.01																0.31
258.8	281.3 W	0.16	0.06																	0.21
281.3	303.8 WNW	0.17	0.07	0.01																0.26
303.8	326.3 NW	0.18		0.04																0.23
326.3	348.8 NNW	0.16	0.04	0.01																0.21
348.8	11.25 N	0.50	0.41	0.30	0.21	0.09														1.51
Column Total (%)		6.63	9.91	11.31	13.03	15.91	14.82	12.29	9.02	4.01	2.16	0.71	0.13	0.09	0.00	0.00	0.00	0.00	0.00	

No. of Non-Flagged Records: 7032 No. of Flagged Record 0  
 Max. Speed : 129.8 cm/s Filename: gc\_ns\_all\_5min\_ed2.dat  
 Mean Speed : 45.75 cm/s  
 Vector-averaged Speed: 12.69 cm/s at 38.1 deg

Location: Gros Cacouna (47 56.428N 69 31.169W) at site Gros Cacouna  
 Instrument: ADCP  
 For period: Nov.01,2004 00:00:00 to Nov.30,2004 23:55:00 UTC Sample Interval: 5 min

Direction (deg)		Speed (cm/s)															Row Total (%)			
		0 to 10	10 to 20	20 to 30	30 to 40	40 to 50	50 to 60	60 to 70	70 to 80	80 to 90	90 to 100	100 to 110	110 to 120	120 to 130	130 to 140	140 to 150		150 to 160		
11.25	33.75 NNE	0.41	1.67	2.71	4.50	8.12	10.24	9.81	4.86	2.11	0.72	0.37	0.06							45.58
33.75	56.25 NE	0.66	1.50	1.97	2.02	2.31	1.78	1.25	1.01	0.38	0.22	0.01								13.10
56.25	78.75 ENE	0.47	0.80	0.56	0.30	0.05														2.18
78.75	101.3 E	0.43	0.56	0.23	0.01															1.24
101.3	123.8 ESE	0.44	0.36	0.10																0.90
123.8	146.3 SE	0.40	0.32	0.05	0.04															0.80
146.3	168.8 SSE	0.43	0.70	0.24	0.02															1.39
168.8	191.3 S	0.52	1.26	1.56	0.95	0.77	0.55	0.20	0.05											5.85
191.3	213.8 SSW	0.49	1.36	2.93	3.09	3.00	3.26	3.73	2.22	1.39	0.89	0.28								22.63
213.8	236.3 SW	0.43	0.84	0.67	0.26	0.18	0.10	0.07	0.04	0.07										2.66
236.3	258.8 WSW	0.32	0.18																	0.50
258.8	281.3 W	0.26	0.02																	0.29
281.3	303.8 WNW	0.08	0.01																	0.10
303.8	326.3 NW	0.14	0.05																	0.19
326.3	348.8 NNW	0.25	0.07	0.01																0.34
348.8	11.25 N	0.53	0.42	0.53	0.37	0.34	0.06													2.24
Column Total (%)		6.27	10.12	11.55	11.56	14.77	15.99	15.07	8.17	3.96	1.82	0.66	0.06	0.00	0.00	0.00	0.00	0.00	0.00	

No. of Non-Flagged Records: 8337 No. of Flagged Record 303  
 Max. Speed : 111.3 cm/s Filename: gc\_ns\_all\_5min\_ed2.dat  
 Mean Speed : 45.95 cm/s  
 Vector-averaged Speed: 17.3 cm/s at 35.7 deg

Location: Gros Cacouna (47 56.428N 69 31.169W) at site Gros Cacouna  
 Instrument: ADCP  
 For period: Dec.01,2004 00:00:00 to Dec.31,2004 23:55:00 UTC Sample Interval: 5 min

Direction (deg)	Speed (cm/s)															Row Total (%)	
	0 to 10	10 to 20	20 to 30	30 to 40	40 to 50	50 to 60	60 to 70	70 to 80	80 to 90	90 to 100	100 to 110	110 to 120	120 to 130	130 to 140	140 to 150		150 to 160
11.25 33.75 NNE	0.64	2.08	3.67	5.11	8.79	9.45	7.55	5.66	2.50	1.02	0.34	0.09					46.90
33.75 56.25 NE	0.80	1.60	1.80	1.88	1.43	1.12	0.95	0.75	0.50	0.09	0.12	0.04					11.10
56.25 78.75 ENE	0.46	0.54	0.18	0.20	0.01												1.39
78.75 101.3 E	0.43	0.25	0.21	0.02													0.91
101.3 123.8 ESE	0.27	0.31	0.13														0.72
123.8 146.3 SE	0.30	0.34	0.04														0.68
146.3 168.8 SSE	0.54	0.75	0.24	0.03													1.56
168.8 191.3 S	0.78	1.67	1.34	1.09	0.73	0.71	0.16	0.08									6.55
191.3 213.8 SSW	0.75	2.42	3.66	4.40	3.75	3.29	2.60	1.41	0.77	0.08							23.14
213.8 236.3 SW	0.31	0.80	0.58	0.22	0.10	0.17	0.02	0.02									2.23
236.3 258.8 WSW	0.30	0.09															0.39
258.8 281.3 W	0.22	0.02															0.25
281.3 303.8 WNW	0.20	0.01															0.21
303.8 326.3 NW	0.27	0.01															0.28
326.3 348.8 NNW	0.26	0.25	0.02														0.53
348.8 11.25 N	0.64	0.76	0.66	0.60	0.39	0.11											3.17
Column Total (%)	7.17	11.90	12.56	13.56	15.21	14.85	11.28	7.92	3.77	1.19	0.46	0.13	0.00	0.00	0.00	0.00	

No. of Non-Flagged Records: 8928 No. of Flagged Record 0  
 Max. Speed : 114.1 cm/s Filename: gc\_ns\_all\_5min\_ed2.dat  
 Mean Speed : 43.33 cm/s  
 Vector-averaged Speed: 18.09 cm/s at 32.7 deg

Location: Gros Cacouna (47 56.428N 69 31.169W) at site Gros Cacouna  
 Instrument: ADCP  
 For period: Jan.01,2005 00:00:00 to Jan.31,2005 23:55:00 UTC Sample Interval: 5 min

Direction (deg)	Speed (cm/s)															Row Total (%)	
	0 to 10	10 to 20	20 to 30	30 to 40	40 to 50	50 to 60	60 to 70	70 to 80	80 to 90	90 to 100	100 to 110	110 to 120	120 to 130	130 to 140	140 to 150		150 to 160
11.25 33.75 NNE	1.65	4.47	4.79	6.19	6.72	6.15	4.31	2.41	1.36	0.37							38.42
33.75 56.25 NE	1.14	2.48	1.74	1.32	1.11	1.08	0.37	0.27	0.15								9.64
56.25 78.75 ENE	0.81	0.74	0.47	0.13	0.01	0.06											2.22
78.75 101.3 E	0.84	0.56	0.10														1.50
101.3 123.8 ESE	0.69	0.27	0.04														1.01
123.8 146.3 SE	0.99	0.27	0.06														1.31
146.3 168.8 SSE	1.12	0.69	0.09	0.03													1.94
168.8 191.3 S	1.92	4.07	2.60	0.78	0.45	0.16	0.08	0.06									10.10
191.3 213.8 SSW	1.81	4.78	5.28	3.37	2.54	2.46	1.67	0.62	0.36	0.19							23.08
213.8 236.3 SW	0.86	0.67	0.28	0.11		0.10	0.03	0.03	0.02								2.12
236.3 258.8 WSW	0.67	0.20															0.87
258.8 281.3 W	0.54	0.09															0.63
281.3 303.8 WNW	0.49	0.03															0.53
303.8 326.3 NW	0.46	0.07															0.53
326.3 348.8 NNW	0.77	0.47	0.01														1.25
348.8 11.25 N	0.86	1.15	1.14	1.09	0.46	0.15											4.85
Column Total (%)	15.63	21.01	16.60	13.04	11.29	10.15	6.46	3.38	1.88	0.56	0.00	0.00	0.00	0.00	0.00	0.00	

No. of Non-Flagged Records: 8928 No. of Flagged Record 0  
 Max. Speed : 97.44 cm/s Filename: gc\_ns\_all\_5min\_ed2.dat  
 Mean Speed : 32.21 cm/s  
 Vector-averaged Speed: 10.81 cm/s at 34.1 deg



Location: Gros Cacouna (47 56.428N 69 31.169W) at site Gros Cacouna  
 Instrument: ADCP  
 For period: Feb.01,2005 00:00:00 to Feb.28,2005 23:55:00 UTC Sample Interval: 5 min

Direction (deg)	Speed (cm/s)																Row Total (%)
	0 to 10	10 to 20	20 to 30	30 to 40	40 to 50	50 to 60	60 to 70	70 to 80	80 to 90	90 to 100	100 to 110	110 to 120	120 to 130	130 to 140	140 to 150	150 to 160	
11.25 33.75 NNE	1.15	3.15	4.19	6.19	7.11	6.49	4.85	2.42	0.61								36.15
33.75 56.25 NE	0.98	2.16	2.59	1.69	1.15	1.29	0.19	0.16	0.05								10.26
56.25 78.75 ENE	0.82	0.93	0.46	0.05													2.26
78.75 101.3 E	0.58	0.25	0.04														0.87
101.3 123.8 ESE	0.74	0.12															0.87
123.8 146.3 SE	0.97	0.38															1.35
146.3 168.8 SSE	1.35	0.99	0.31	0.05	0.01												2.72
168.8 191.3 S	0.82	3.10	3.20	1.54	0.68	0.58	0.20										10.12
191.3 213.8 SSW	0.77	2.70	5.27	5.32	4.29	2.75	2.15	1.22	0.41								24.88
213.8 236.3 SW	0.55	1.05	0.55	0.14	0.04	0.04											2.36
236.3 258.8 WSW	0.53	0.21															0.74
258.8 281.3 W	0.48	0.01															0.50
281.3 303.8 WNW	0.52	0.21															0.73
303.8 326.3 NW	0.63	0.27															0.91
326.3 348.8 NNW	0.50	0.52	0.02														1.04
348.8 11.25 N	0.97	1.02	0.73	0.60	0.79	0.14	0.02										4.27
Column Total (%)	12.36	17.09	17.36	15.56	14.07	11.28	7.40	3.79	1.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	

No. of Non-Flagged Records: 8064 No. of Flagged Record 0  
 Max. Speed : 89.85 cm/s Filename: gc\_ns\_all\_5min\_ed2.dat  
 Mean Speed : 34.08 cm/s  
 Vector-averaged Speed: 7.63 cm/s at 38.2 deg

Location: Gros Cacouna (47 56.428N 69 31.169W) at site Gros Cacouna  
 Instrument: ADCP  
 For period: Mar.01,2005 00:00:00 to Mar.31,2005 23:55:00 UTC Sample Interval: 5 min

Direction (deg)	Speed (cm/s)																Row Total (%)
	0 to 10	10 to 20	20 to 30	30 to 40	40 to 50	50 to 60	60 to 70	70 to 80	80 to 90	90 to 100	100 to 110	110 to 120	120 to 130	130 to 140	140 to 150	150 to 160	
11.25 33.75 NNE	0.63	2.39	4.02	5.47	6.63	8.21	8.60	6.53	2.15	0.53	0.17						45.32
33.75 56.25 NE	0.76	1.76	1.85	1.42	1.27	1.01	0.31	0.16	0.11	0.01	0.02						8.68
56.25 78.75 ENE	0.82	0.96	0.65	0.21	0.03												2.68
78.75 101.3 E	0.63	0.44	0.18	0.04													1.29
101.3 123.8 ESE	0.52	0.50	0.07	0.03													1.12
123.8 146.3 SE	0.65	0.66	0.08														1.39
146.3 168.8 SSE	0.56	0.71	0.45	0.06													1.77
168.8 191.3 S	0.68	1.78	2.21	1.60	0.71	0.49		0.01	0.02								7.50
191.3 213.8 SSW	0.69	2.56	2.80	3.85	4.92	3.98	2.70	1.70	0.81	0.31							24.33
213.8 236.3 SW	0.55	0.69	0.28	0.12	0.01			0.10	0.06								1.81
236.3 258.8 WSW	0.37	0.26															0.63
258.8 281.3 W	0.24																0.24
281.3 303.8 WNW	0.19	0.01															0.20
303.8 326.3 NW	0.28	0.01															0.29
326.3 348.8 NNW	0.37	0.10															0.47
348.8 11.25 N	0.65	0.77	0.35	0.29	0.19	0.03											2.28
Column Total (%)	8.58	13.61	12.93	13.10	13.75	13.72	11.62	8.50	3.15	0.85	0.19	0.00	0.00	0.00	0.00	0.00	

No. of Non-Flagged Records: 8928 No. of Flagged Record 0  
 Max. Speed : 107.1 cm/s Filename: gc\_ns\_all\_5min\_ed2.dat  
 Mean Speed : 41.65 cm/s  
 Vector-averaged Speed: 14.16 cm/s at 34.7 deg



Location: Gros Cacouna (47 56.428N 69 31.169W) at site Gros Cacouna  
 Instrument: ADCP  
 For period: Apr.01,2005 00:00:00 to Apr.30,2005 23:55:00 UTC Sample Interval: 5 min

Direction (deg)	Speed (cm/s)																Row Total (%)
	0 to 10	10 to 20	20 to 30	30 to 40	40 to 50	50 to 60	60 to 70	70 to 80	80 to 90	90 to 100	100 to 110	110 to 120	120 to 130	130 to 140	140 to 150	150 to 160	
11.25 33.75 NNE	0.63	2.22	2.88	6.07	7.50	8.41	8.17	6.59	2.93	1.27	0.58	0.10					47.36
33.75 56.25 NE	0.59	2.02	1.84	1.19	1.30	1.14	0.65	0.22	0.19	0.12	0.05	0.02					9.33
56.25 78.75 ENE	0.50	0.69	0.71	0.10													2.00
78.75 101.3 E	0.44	0.38	0.17														1.00
101.3 123.8 ESE	0.45	0.22	0.02														0.70
123.8 146.3 SE	0.57	0.34	0.06	0.01													0.98
146.3 168.8 SSE	0.74	0.43	0.08														1.26
168.8 191.3 S	0.64	2.09	1.49	1.17	0.59	0.74	0.31	0.07									7.12
191.3 213.8 SSW	0.91	1.92	3.27	3.51	3.94	3.14	2.45	1.94	1.08	0.48							22.64
213.8 236.3 SW	0.36	0.87	0.67	0.29	0.15	0.16	0.02	0.02	0.01								2.57
236.3 258.8 WSW	0.36	0.20															0.56
258.8 281.3 W	0.24																0.24
281.3 303.8 WNW	0.23	0.01															0.24
303.8 326.3 NW	0.23	0.01															0.24
326.3 348.8 NNW	0.33	0.17	0.08														0.58
348.8 11.25 N	0.50	0.59	0.36	0.58	0.65	0.36	0.12	0.02									3.19
Column Total (%)	7.73	12.17	11.64	12.93	14.14	13.95	11.73	8.87	4.21	1.86	0.63	0.13	0.00	0.00	0.00	0.00	

No. of Non-Flagged Records: 8600 No. of Flagged Record 40  
 Max. Speed : 113.1 cm/s Filename: gc\_ns\_all\_5min\_ed2.dat  
 Mean Speed : 44.11 cm/s  
 Vector-averaged Speed: 17.46 cm/s at 30.5 deg

Location: Gros Cacouna (47 56.428N 69 31.169W) at site Gros Cacouna  
 Instrument: ADCP  
 For period: May.01,2005 00:00:00 to May.31,2005 23:55:00 UTC Sample Interval: 5 min

Direction (deg)	Speed (cm/s)																Row Total (%)
	0 to 10	10 to 20	20 to 30	30 to 40	40 to 50	50 to 60	60 to 70	70 to 80	80 to 90	90 to 100	100 to 110	110 to 120	120 to 130	130 to 140	140 to 150	150 to 160	
11.25 33.75 NNE	0.37	1.11	2.15	3.04	4.79	6.17	6.17	4.61	4.37	2.86	2.13	1.20	0.59	0.39	0.52	0.13	40.60
33.75 56.25 NE	0.50	1.27	2.40	2.18	2.50	1.95	1.75	1.72	1.71	1.72	1.02	0.39	0.17	0.19	0.09		19.57
56.25 78.75 ENE	0.45	0.82	0.96	0.59	0.21	0.26	0.16	0.08									3.53
78.75 101.3 E	0.38	0.55	0.37	0.18	0.02												1.50
101.3 123.8 ESE	0.45	0.46	0.13														1.04
123.8 146.3 SE	0.24	0.58	0.10	0.01													0.93
146.3 168.8 SSE	0.49	0.38	0.26	0.02	0.03												1.19
168.8 191.3 S	0.58	0.69	1.05	0.69	0.63	0.50	0.28	0.18	0.04								4.66
191.3 213.8 SSW	0.50	1.22	1.81	2.28	2.54	2.60	2.72	1.58	1.57	0.50	0.27	0.09	0.03				17.73
213.8 236.3 SW	0.40	0.88	1.01	0.75	0.50	0.22	0.19	0.25	0.22	0.17	0.13	0.07					4.81
236.3 258.8 WSW	0.24	0.25	0.10														0.58
258.8 281.3 W	0.19	0.09	0.03														0.31
281.3 303.8 WNW	0.22	0.10															0.32
303.8 326.3 NW	0.20	0.09															0.29
326.3 348.8 NNW	0.22	0.16	0.08	0.01													0.47
348.8 11.25 N	0.30	0.64	0.48	0.27	0.34	0.34	0.07	0.03									2.46
Column Total (%)	5.75	9.29	10.94	10.04	11.57	12.04	11.34	8.46	7.92	5.25	3.55	1.75	0.80	0.58	0.60	0.13	

No. of Non-Flagged Records: 8928 No. of Flagged Record 0  
 Max. Speed : 159.1 cm/s Filename: gc\_ns\_all\_5min\_ed2.dat  
 Mean Speed : 53.78 cm/s  
 Vector-averaged Speed: 27.28 cm/s at 35.5 deg



Location: Gros Cacouna (47 56.428N 69 31.169W) at site Gros Cacouna  
 Instrument: ADCP  
 For period: Jun.01,2005 00:00:00 to Jun.30,2005 23:55:00 UTC Sample Interval: 5 min

Direction (deg)	Speed (cm/s)															Row Total (%)	
	0 to 10	10 to 20	20 to 30	30 to 40	40 to 50	50 to 60	60 to 70	70 to 80	80 to 90	90 to 100	100 to 110	110 to 120	120 to 130	130 to 140	140 to 150		150 to 160
11.25 33.75 NNE	0.25	1.34	1.66	2.97	4.44	7.55	7.89	6.70	3.88	2.62	1.42	0.82	0.39	0.27	0.01		42.22
33.75 56.25 NE	0.36	1.09	1.96	2.97	2.45	1.68	1.94	2.23	1.94	2.34	1.24	0.53	0.42	0.13			21.28
56.25 78.75 ENE	0.54	0.69	0.98	0.69	0.51	0.31	0.12	0.01									3.87
78.75 101.3 E	0.32	0.53	0.36	0.03													1.25
101.3 123.8 ESE	0.34	0.25	0.16														0.75
123.8 146.3 SE	0.29	0.22	0.03														0.54
146.3 168.8 SSE	0.44	0.34	0.06		0.03												0.87
168.8 191.3 S	0.37	0.76	0.78	0.44	0.20	0.09	0.03	0.01									2.69
191.3 213.8 SSW	0.36	1.44	2.01	1.69	1.85	2.07	1.90	1.61	1.30	1.05	0.30	0.13	0.12	0.01			15.83
213.8 236.3 SW	0.39	0.95	1.19	0.96	0.76	0.52	0.67	0.56	0.45	0.27	0.08						6.81
236.3 258.8 WSW	0.28	0.64	0.05	0.01													0.97
258.8 281.3 W	0.17	0.10															0.28
281.3 303.8 WNW	0.15	0.14															0.29
303.8 326.3 NW	0.17	0.13															0.30
326.3 348.8 NNW	0.23	0.27	0.02														0.52
348.8 11.25 N	0.21	0.54	0.38	0.16	0.08	0.13	0.02										1.53
Column Total (%)	4.88	9.43	9.64	9.94	10.34	12.35	12.58	11.12	7.57	6.27	3.04	1.48	0.93	0.41	0.01	0.00	

No. of Non-Flagged Records: 8640 No. of Flagged Record 0  
 Max. Speed : 142.3 cm/s Filename: gc\_ns\_all\_5min\_ed2.dat  
 Mean Speed : 54.55 cm/s  
 Vector-averaged Speed: 29.18 cm/s at 33.3 deg

Location: Gros Cacouna (47 56.428N 69 31.169W) at site Gros Cacouna  
 Instrument: ADCP  
 For period: Jul.01,2005 00:00:00 to Jul.31,2005 23:55:00 UTC Sample Interval: 5 min

Direction (deg)	Speed (cm/s)															Row Total (%)	
	0 to 10	10 to 20	20 to 30	30 to 40	40 to 50	50 to 60	60 to 70	70 to 80	80 to 90	90 to 100	100 to 110	110 to 120	120 to 130	130 to 140	140 to 150		150 to 160
11.25 33.75 NNE	0.44	1.00	1.77	2.83	4.88	7.80	8.06	6.69	3.37	2.34	0.56	0.28	0.32				40.33
33.75 56.25 NE	0.62	1.25	1.96	2.36	2.59	2.38	2.32	1.90	2.03	1.48	1.15	0.75	0.67	0.08	0.09		21.63
56.25 78.75 ENE	0.47	1.07	1.46	0.60	0.32	0.20	0.21	0.12	0.02	0.01							4.48
78.75 101.3 E	0.46	0.62	0.31	0.06													1.45
101.3 123.8 ESE	0.32	0.41	0.12	0.01													0.86
123.8 146.3 SE	0.45	0.29	0.06		0.02												0.82
146.3 168.8 SSE	0.45	0.30	0.14	0.06	0.02												0.97
168.8 191.3 S	0.38	0.78	0.44	0.32	0.28	0.21	0.13	0.02									2.55
191.3 213.8 SSW	0.32	1.09	1.94	2.24	2.41	2.11	2.06	1.31	0.99	0.40	0.03						14.91
213.8 236.3 SW	0.51	1.09	1.00	1.05	0.86	0.71	0.35	0.22	0.22	0.25	0.07						6.33
236.3 258.8 WSW	0.32	0.45	0.13														0.90
258.8 281.3 W	0.35	0.15															0.49
281.3 303.8 WNW	0.25	0.05															0.30
303.8 326.3 NW	0.25	0.12															0.37
326.3 348.8 NNW	0.30	0.31	0.05														0.66
348.8 11.25 N	0.32	0.45	0.90	0.79	0.26	0.18	0.02	0.01									2.95
Column Total (%)	6.21	9.44	10.26	10.32	11.65	13.59	13.14	10.26	6.63	4.49	1.82	1.02	0.99	0.08	0.09	0.00	

No. of Non-Flagged Records: 8690 No. of Flagged Record 238  
 Max. Speed : 149.6 cm/s Filename: gc\_ns\_all\_5min\_ed2.dat  
 Mean Speed : 51.36 cm/s  
 Vector-averaged Speed: 29.07 cm/s at 33.2 deg



Location: Gros Cacouna (47 56.428N 69 31.169W) at site Gros Cacouna  
 Instrument: ADCP  
 For period: Aug.01,2005 00:00:00 to Aug.31,2005 23:55:00 UTC Sample Interval: 5 min

Direction (deg)	Speed (cm/s)															Row Total (%)	
	0 to 10	10 to 20	20 to 30	30 to 40	40 to 50	50 to 60	60 to 70	70 to 80	80 to 90	90 to 100	100 to 110	110 to 120	120 to 130	130 to 140	140 to 150		150 to 160
11.25 33.75 NNE	0.44	1.33	2.83	4.78	8.45	10.01	10.44	6.35	3.02	1.72	0.84	0.29	0.08				50.59
33.75 56.25 NE	0.41	1.23	1.21	1.59	1.43	1.24	1.21	0.85	0.40	0.10	0.04						9.73
56.25 78.75 ENE	0.40	0.59	0.65	0.24	0.06												1.94
78.75 101.3 E	0.39	0.55	0.28														1.22
101.3 123.8 ESE	0.49	0.41	0.13	0.01													1.05
123.8 146.3 SE	0.39	0.37	0.24	0.04		0.01											1.05
146.3 168.8 SSE	0.47	0.65	0.12	0.08	0.02	0.01	0.02										1.38
168.8 191.3 S	0.46	1.40	0.90	0.71	0.60	0.43	0.12	0.03	0.02								4.67
191.3 213.8 SSW	0.45	1.62	2.16	2.92	2.88	3.55	3.17	2.11	1.34	0.72	0.15						21.07
213.8 236.3 SW	0.22	0.49	0.48	0.22	0.19	0.10	0.04	0.03	0.02								1.81
236.3 258.8 WSW	0.34	0.07															0.40
258.8 281.3 W	0.20	0.01															0.21
281.3 303.8 WNW	0.13																0.13
303.8 326.3 NW	0.19	0.06															0.25
326.3 348.8 NNW	0.32	0.29	0.01														0.63
348.8 11.25 N	0.34	0.77	0.68	0.78	0.72	0.31	0.25										3.85
Column Total (%)	5.66	9.86	9.70	11.38	14.35	15.67	15.26	9.37	4.82	2.54	1.03	0.29	0.08	0.00	0.00	0.00	

No. of Non-Flagged Records: 8928 No. of Flagged Record 0  
 Max. Speed : 125.9 cm/s Filename: gc\_ns\_all\_5min\_ed2.dat  
 Mean Speed : 48.18 cm/s  
 Vector-averaged Speed: 22.03 cm/s at 29.6 deg

Location: Gros Cacouna (47 56.428N 69 31.169W) at site Gros Cacouna  
 Instrument: ADCP  
 For period: Sep.01,2005 00:00:00 to Sep.30,2005 23:55:00 UTC Sample Interval: 5 min

Direction (deg)	Speed (cm/s)															Row Total (%)	
	0 to 10	10 to 20	20 to 30	30 to 40	40 to 50	50 to 60	60 to 70	70 to 80	80 to 90	90 to 100	100 to 110	110 to 120	120 to 130	130 to 140	140 to 150		150 to 160
11.25 33.75 NNE	0.45	1.83	2.86	4.83	7.42	8.68	9.44	7.09	3.07	1.38	0.83	0.60	0.19				48.67
33.75 56.25 NE	0.60	1.17	1.69	1.66	1.52	1.16	0.87	0.34	0.10	0.07	0.02						9.19
56.25 78.75 ENE	0.47	0.84	0.66	0.19	0.08	0.03	0.01										2.29
78.75 101.3 E	0.50	0.54	0.14														1.18
101.3 123.8 ESE	0.34	0.45	0.14	0.01													0.94
123.8 146.3 SE	0.45	0.51	0.13														1.09
146.3 168.8 SSE	0.46	0.75	0.28	0.07	0.01												1.57
168.8 191.3 S	0.38	1.68	1.75	1.05	0.71	0.65	0.28	0.03	0.01								6.54
191.3 213.8 SSW	0.53	1.35	1.89	2.35	2.75	3.72	3.34	2.38	1.57	1.09	0.36						21.34
213.8 236.3 SW	0.42	0.75	0.45	0.17	0.12	0.15	0.05			0.01							2.12
236.3 258.8 WSW	0.20	0.03															0.23
258.8 281.3 W	0.16	0.02															0.19
281.3 303.8 WNW	0.19																0.19
303.8 326.3 NW	0.17																0.17
326.3 348.8 NNW	0.31	0.23	0.01														0.56
348.8 11.25 N	0.24	0.91	0.59	0.83	0.67	0.07	0.24	0.17									3.74
Column Total (%)	5.88	11.09	10.58	11.16	13.28	14.46	14.24	10.02	4.76	2.55	1.22	0.60	0.19	0.00	0.00	0.00	

No. of Non-Flagged Records: 8640 No. of Flagged Record 0  
 Max. Speed : 126 cm/s Filename: gc\_ns\_all\_5min\_ed2.dat  
 Mean Speed : 47.92 cm/s  
 Vector-averaged Speed: 19.01 cm/s at 30.6 deg



## Mid-Depth

Location: Gros Cacouna (47 56.428N 69 31.169W) at site Gros Cacouna  
 Instrument: ADCP  
 For period: Oct.07,2004 14:00:00 to Oct.31,2004 23:55:00 UTC Sample Interval: 5 min

		Speed (cm/s)															Row Total (%)
		0 to 10	10 to 20	20 to 30	30 to 40	40 to 50	50 to 60	60 to 70	70 to 80	80 to 90	90 to 100	100 to 110	110 to 120	120 to 130	130 to 140	140 to 150	
Direction (deg)																	
11.25	33.75 NNE	0.58	2.50	5.35	4.52	3.44	3.68	2.76	1.42	0.54	0.13						
33.75	56.25 NE	0.57	1.31	4.72	6.36	5.39	3.88	1.38	0.75	0.06							
56.25	78.75 ENE	0.27	0.82	1.19	0.30	0.03											
78.75	101.25 E	0.36	0.78	0.43	0.01												
101.25	123.75 ESE	0.27	0.74	0.16													
123.75	146.25 SE	0.41	0.88	0.10													
146.25	168.75 SSE	0.40	1.07	0.68	0.04												
168.75	191.25 S	0.48	1.21	1.24	1.15	0.44	0.09		0.01								
191.25	213.75 SSW	0.61	1.54	2.08	2.79	4.65	5.26	5.35	3.21	2.22	0.92	0.16					
213.75	236.25 SW	0.41	0.77	0.55	0.61	0.18	0.07	0.01	0.01								
236.25	258.75 WSW	0.48	0.14														
258.75	281.25 W	0.36	0.04														
281.25	303.75 WNW	0.17	0.03														
303.75	326.25 NW	0.27	0.09														
326.25	348.75 NNW	0.41	0.17														
348.75	11.25 N	0.53	1.11	1.02	0.68	0.09	0.04	0.04									
Column Total (%)		6.58	13.20	17.52	16.47	14.22	13.03	9.54	5.42	2.82	1.05	0.16	0.00	0.00	0.00	0.00	

No. of Non-Flagged Records: 7032 No. of Flagged Rec: 0  
 Max. Speed : 107 cm/s Filename: gc\_mid\_all\_5min\_spd\_ed1.dat  
 Mean Speed : 39.8 cm/s  
 Vector-averaged Speed: 5.81 cm/s at 79.8 deg

Location: Gros Cacouna (47 56.428N 69 31.169W) at site Gros Cacouna  
 Instrument: ADCP  
 For period: Nov.01,2004 00:00:00 to Nov.30,2004 23:55:00 UTC Sample Interval: 5 min

		Speed (cm/s)															Row Total (%)
		0 to 10	10 to 20	20 to 30	30 to 40	40 to 50	50 to 60	60 to 70	70 to 80	80 to 90	90 to 100	100 to 110	110 to 120	120 to 130	130 to 140	140 to 150	
Direction (deg)																	
11.25	33.75 NNE	0.46	1.84	3.85	6.47	5.78	3.67	1.80	0.55	0.31	0.01						
33.75	56.25 NE	0.32	1.36	3.49	7.14	7.92	4.87	1.64	0.37	0.11							
56.25	78.75 ENE	0.19	0.80	1.33	0.49	0.05											
78.75	101.25 E	0.34	0.91	0.20													
101.25	123.75 ESE	0.28	0.79	0.06													
123.75	146.25 SE	0.24	0.91	0.14													
146.25	168.75 SSE	0.36	0.92	0.68	0.02												
168.75	191.25 S	0.37	1.15	1.68	1.42	0.78	0.34	0.05	0.01								
191.25	213.75 SSW	0.46	1.60	2.52	3.79	3.69	3.75	4.32	2.75	1.69	0.70	0.19					
213.75	236.25 SW	0.31	0.67	0.46	0.41	0.08	0.04	0.06		0.01							
236.25	258.75 WSW	0.43	0.34	0.05													
258.75	281.25 W	0.38	0.10	0.01													
281.25	303.75 WNW	0.34	0.04														
303.75	326.25 NW	0.34	0.04														
326.25	348.75 NNW	0.28	0.18	0.06													
348.75	11.25 N	0.36	0.91	1.02	0.46	0.23	0.26	0.19	0.04								
Column Total (%)		5.45	12.55	15.56	20.19	18.53	12.93	8.06	3.72	2.12	0.71	0.19	0.00	0.00	0.00	0.00	

No. of Non-Flagged Records: 8337 No. of Flagged Rec: 303  
 Max. Speed : 110 cm/s Filename: gc\_mid\_all\_5min\_spd\_ed1.dat  
 Mean Speed : 39.3 cm/s  
 Vector-averaged Speed: 8.63 cm/s at 62.4 deg





Location: Gros Cacouna (47 56.428N 69 31.169W) at site Gros Cacouna  
 Instrument: ADCP  
 For period: Dec.01,2004 00:00:00 to Dec.31,2004 23:55:00 UTC Sample Interval: 5 min

Direction (deg)		Speed (cm/s)															Row Total (%)	
		0 to 10	10 to 20	20 to 30	30 to 40	40 to 50	50 to 60	60 to 70	70 to 80	80 to 90	90 to 100	100 to 110	110 to 120	120 to 130	130 to 140	140 to 150		150 to 160
11.25	33.75 NNE	0.68	2.58	4.86	7.68	7.13	3.83	2.52	1.05	0.46								30.80
33.75	56.25 NE	0.64	1.39	2.69	6.59	5.93	2.02	0.27										19.51
56.25	78.75 ENE	0.52	1.20	1.12	0.40													3.24
78.75	101.25 E	0.30	1.00	0.17														1.47
101.25	123.75 ESE	0.34	0.69	0.09														1.12
123.75	146.25 SE	0.34	0.64	0.15														1.12
146.25	168.75 SSE	0.35	1.04	0.48	0.06													1.93
168.75	191.25 S	0.36	1.00	1.96	1.46	0.73	0.27	0.03										5.80
191.25	213.75 SSW	0.52	1.75	2.90	4.55	4.96	5.02	4.22	2.00	0.45	0.09							26.46
213.75	236.25 SW	0.69	0.84	0.38	0.32	0.02												2.26
236.25	258.75 WSW	0.46	0.11															0.57
258.75	281.25 W	0.32	0.02															0.35
281.25	303.75 WNW	0.37	0.03															0.40
303.75	326.25 NW	0.32	0.02															0.35
326.25	348.75 NNW	0.46	0.25	0.01														0.72
348.75	11.25 N	0.60	1.42	1.00	0.49	0.20	0.18	0.01										3.91
Column Total (%)		7.27	13.98	15.80	21.55	18.97	11.31	7.06	3.06	0.91	0.09	0.00	0.00	0.00	0.00	0.00	0.00	

No. of Non-Flagged Records: 8928 No. of Flagged Recs: 0  
 Max. Speed : 94.6 cm/s Filename: gc\_mid\_all\_5min\_spd\_ed1.dat  
 Mean Speed : 36.4 cm/s  
 Vector-averaged Speed: 7.43 cm/s at 57.7 deg

Location: Gros Cacouna (47 56.428N 69 31.169W) at site Gros Cacouna  
 Instrument: ADCP  
 For period: Jan.01,2005 00:00:00 to Jan.31,2005 23:55:00 UTC Sample Interval: 5 min

Direction (deg)		Speed (cm/s)															Row Total (%)	
		0 to 10	10 to 20	20 to 30	30 to 40	40 to 50	50 to 60	60 to 70	70 to 80	80 to 90	90 to 100	100 to 110	110 to 120	120 to 130	130 to 140	140 to 150		150 to 160
11.25	33.75 NNE	0.86	2.78	6.35	8.92	5.65	2.53	0.80	0.19	0.09								28.16
33.75	56.25 NE	1.34	2.69	3.23	3.33	3.04	1.44	0.66	0.27									15.99
56.25	78.75 ENE	0.86	0.93	0.50	0.18	0.07												2.54
78.75	101.25 E	0.71	0.48	0.07														1.25
101.25	123.75 ESE	0.80	0.34	0.03														1.16
123.75	146.25 SE	0.66	0.57	0.10														1.33
146.25	168.75 SSE	0.97	0.77	0.31	0.02													2.08
168.75	191.25 S	0.83	1.83	1.78	1.02	0.40	0.16	0.04										6.06
191.25	213.75 SSW	1.15	3.97	6.18	7.64	4.22	3.71	2.23	1.12	0.50	0.10							30.82
213.75	236.25 SW	1.24	1.32	0.47	0.15	0.07	0.01											3.26
236.25	258.75 WSW	0.45	0.08															0.53
258.75	281.25 W	0.32	0.02															0.35
281.25	303.75 WNW	0.24	0.02															0.26
303.75	326.25 NW	0.34	0.06															0.39
326.25	348.75 NNW	0.64	0.35	0.01														1.00
348.75	11.25 N	1.10	1.28	1.38	0.82	0.15	0.09											4.81
Column Total (%)		12.51	17.47	20.42	22.07	13.59	7.94	3.73	1.58	0.59	0.10	0.00	0.00	0.00	0.00	0.00	0.00	

No. of Non-Flagged Records: 8928 No. of Flagged Recs: 0  
 Max. Speed : 98.5 cm/s Filename: gc\_mid\_all\_5min\_spd\_ed1.dat  
 Mean Speed : 30.7 cm/s  
 Vector-averaged Speed: 3.74 cm/s at 72.5 deg



Location: Gros Cacouna (47 56.428N 69 31.169W) at site Gros Cacouna  
 Instrument: ADCP  
 For period: Feb.01,2005 00:00:00 to Feb.28,2005 23:55:00 UTC Sample Interval: 5 min

Direction (deg)		Speed (cm/s)															Row Total (%)
		0 to 10	10 to 20	20 to 30	30 to 40	40 to 50	50 to 60	60 to 70	70 to 80	80 to 90	90 to 100	100 to 110	110 to 120	120 to 130	130 to 140	140 to 150	
11.25	33.75 NNE	0.72	3.19	5.70	7.79	4.74	3.47	1.60	0.15								27.36
33.75	56.25 NE	0.67	2.01	3.86	4.12	3.17	1.86	0.46	0.14								16.28
56.25	78.75 ENE	0.60	1.35	0.79	0.24	0.02											3.00
78.75	101.25 E	0.47	0.93	0.07													1.48
101.25	123.75 ESE	0.57	0.62	0.04													1.23
123.75	146.25 SE	0.52	0.74	0.05													1.31
146.25	168.75 SSE	0.62	1.09	0.33	0.01												2.06
168.75	191.25 S	0.79	1.96	1.86	1.48	0.60	0.02										6.71
191.25	213.75 SSW	0.81	2.79	3.93	5.63	7.01	5.96	4.25	1.95	0.62	0.04						32.99
213.75	236.25 SW	0.56	0.61	0.56	0.42	0.16	0.06										2.37
236.25	258.75 WSW	0.36	0.17														0.53
258.75	281.25 W	0.25	0.01														0.26
281.25	303.75 WNW	0.17															0.17
303.75	326.25 NW	0.51															0.51
326.25	348.75 NNW	0.47	0.15	0.01													0.63
348.75	11.25 N	0.81	1.40	0.71	0.20												3.11
Column Total (%)		8.89	17.03	17.92	19.88	15.70	11.38	6.31	2.23	0.62	0.04	0.00	0.00	0.00	0.00	0.00	

No. of Non-Flagged Records: 8064 No. of Flagged Recs: 0  
 Max. Speed : 92.4 cm/s Filename: gc\_mid\_all\_5min\_spd\_ed1.dat  
 Mean Speed : 34.1 cm/s  
 Vector-averaged Speed: 3.71 cm/s at 125.2 deg

Location: Gros Cacouna (47 56.428N 69 31.169W) at site Gros Cacouna  
 Instrument: ADCP  
 For period: Mar.01,2005 00:00:00 to Mar.31,2005 23:55:00 UTC Sample Interval: 5 min

Direction (deg)		Speed (cm/s)															Row Total (%)
		0 to 10	10 to 20	20 to 30	30 to 40	40 to 50	50 to 60	60 to 70	70 to 80	80 to 90	90 to 100	100 to 110	110 to 120	120 to 130	130 to 140	140 to 150	
11.25	33.75 NNE	0.63	2.68	6.16	6.99	6.34	4.33	2.08	0.38	0.02							29.61
33.75	56.25 NE	0.71	1.61	3.11	4.18	4.23	2.79	1.08	0.63	0.02							18.36
56.25	78.75 ENE	0.46	0.74	0.80	0.32	0.07											2.39
78.75	101.25 E	0.26	0.65	0.35													1.25
101.25	123.75 ESE	0.28	0.57	0.21													1.06
123.75	146.25 SE	0.36	0.65	0.27													1.28
146.25	168.75 SSE	0.37	0.75	0.73	0.12												1.97
168.75	191.25 S	0.50	0.75	1.46	1.74	0.93	0.30	0.03									5.71
191.25	213.75 SSW	0.56	2.23	3.51	4.49	4.79	5.50	3.81	2.35	1.09	0.34	0.02					28.69
213.75	236.25 SW	0.72	1.29	0.59	0.16	0.07	0.01										2.83
236.25	258.75 WSW	0.48	0.25														0.73
258.75	281.25 W	0.35	0.04														0.39
281.25	303.75 WNW	0.30	0.12														0.43
303.75	326.25 NW	0.32	0.04														0.37
326.25	348.75 NNW	0.56	0.29														0.85
348.75	11.25 N	0.56	1.86	1.11	0.21	0.25	0.09										4.08
Column Total (%)		7.41	14.53	18.29	18.21	16.68	13.03	7.00	3.36	1.13	0.34	0.02	0.00	0.00	0.00	0.00	

No. of Non-Flagged Records: 8928 No. of Flagged Recs: 0  
 Max. Speed : 101 cm/s Filename: gc\_mid\_all\_5min\_spd\_ed1.dat  
 Mean Speed : 36.5 cm/s  
 Vector-averaged Speed: 5.21 cm/s at 72.8 deg



Location: Gros Cacouna (47 56.428N 69 31.169W) at site Gros Cacouna  
 Instrument: ADCP  
 For period: Apr.01,2005 00:00:00 to Apr.30,2005 23:55:00 UTC Sample Interval: 5 min

Direction (deg)		Speed (cm/s)															Row Total (%)	
		0 to 10	10 to 20	20 to 30	30 to 40	40 to 50	50 to 60	60 to 70	70 to 80	80 to 90	90 to 100	100 to 110	110 to 120	120 to 130	130 to 140	140 to 150		150 to 160
11.25	33.75 NNE	0.67	3.16	4.37	5.70	5.00	4.02	2.57	0.70	0.08								26.28
33.75	56.25 NE	0.51	1.95	4.56	6.38	5.31	2.28	1.22	0.53	0.12								22.87
56.25	78.75 ENE	0.26	0.87	1.12	0.35	0.05												2.64
78.75	101.25 E	0.28	0.86	0.27														1.41
101.25	123.75 ESE	0.29	0.74	0.15														1.19
123.75	146.25 SE	0.27	0.95	0.21														1.43
146.25	168.75 SSE	0.35	1.03	0.63	0.09													2.10
168.75	191.25 S	0.42	1.50	2.16	1.51	1.12	0.47	0.29	0.08									7.55
191.25	213.75 SSW	0.65	1.40	2.07	3.14	3.98	4.15	2.70	1.91	1.16	0.60	0.05						21.80
213.75	236.25 SW	0.53	1.01	0.85	0.80	0.42	0.23	0.34	0.03									4.22
236.25	258.75 WSW	0.38	0.31	0.03														0.73
258.75	281.25 W	0.38	0.13															0.51
281.25	303.75 WNW	0.43	0.10															0.53
303.75	326.25 NW	0.37	0.10															0.48
326.25	348.75 NNW	0.57	0.21	0.03														0.81
348.75	11.25 N	0.48	1.59	2.42	0.53	0.24	0.15	0.02										5.44
Column Total (%)		6.85	15.94	18.87	18.51	16.12	11.30	7.14	3.26	1.36	0.60	0.05	0.00	0.00	0.00	0.00	0.00	

No. of Non-Flagged Records: 8600 No. of Flagged Recr: 40  
 Max. Speed : 101 cm/s Filename: gc\_mid\_all\_5min\_spd\_ed1.dat  
 Mean Speed : 36.3 cm/s  
 Vector-averaged Speed: 7.13 cm/s at 60.3 deg

Location: Gros Cacouna (47 56.428N 69 31.169W) at site Gros Cacouna  
 Instrument: ADCP  
 For period: May.01,2005 00:00:00 to May.31,2005 23:55:00 UTC Sample Interval: 5 min

Direction (deg)		Speed (cm/s)															Row Total (%)	
		0 to 10	10 to 20	20 to 30	30 to 40	40 to 50	50 to 60	60 to 70	70 to 80	80 to 90	90 to 100	100 to 110	110 to 120	120 to 130	130 to 140	140 to 150		150 to 160
11.25	33.75 NNE	0.48	2.45	5.70	5.43	5.22	3.79	1.84	1.08	0.76	0.28	0.06						27.08
33.75	56.25 NE	0.50	1.81	3.86	6.26	6.56	4.46	1.71	0.41	0.10	0.01							25.71
56.25	78.75 ENE	0.34	0.69	1.08	0.66	0.10	0.01											2.88
78.75	101.25 E	0.27	0.58	0.40	0.06													1.31
101.25	123.75 ESE	0.32	0.63	0.16														1.11
123.75	146.25 SE	0.22	0.66	0.26	0.02													1.16
146.25	168.75 SSE	0.20	0.83	0.48	0.03													1.55
168.75	191.25 S	0.27	1.00	1.29	1.30	0.75	0.19	0.10	0.06	0.01								4.96
191.25	213.75 SSW	0.52	1.08	2.12	3.11	3.73	3.43	3.91	2.17	1.51	0.68	0.24						22.49
213.75	236.25 SW	0.34	0.88	1.14	0.68	0.41	0.17	0.19	0.24	0.01	0.02	0.02	0.01					4.12
236.25	258.75 WSW	0.22	0.47	0.07														0.76
258.75	281.25 W	0.32	0.21															0.54
281.25	303.75 WNW	0.31	0.10															0.41
303.75	326.25 NW	0.41	0.15															0.56
326.25	348.75 NNW	0.46	0.48	0.02														0.96
348.75	11.25 N	0.47	1.92	1.24	0.56	0.18	0.02											4.39
Column Total (%)		5.67	13.94	17.82	18.12	16.96	12.06	7.75	3.95	2.40	1.00	0.31	0.01	0.00	0.00	0.00	0.00	

No. of Non-Flagged Records: 8928 No. of Flagged Recr: 0  
 Max. Speed : 111 cm/s Filename: gc\_mid\_all\_5min\_spd\_ed1.dat  
 Mean Speed : 38.8 cm/s  
 Vector-averaged Speed: 8.78 cm/s at 51.7 deg



Location: Gros Cacouna (47 56.428N 69 31.169W) at site Gros Cacouna  
 Instrument: ADCP  
 For period: Jun.01,2005 00:00:00 to Jun.30,2005 23:55:00 UTC Sample Interval: 5 min

Direction (deg)	Speed (cm/s)																Row Total (%)
	0 to 10	10 to 20	20 to 30	30 to 40	40 to 50	50 to 60	60 to 70	70 to 80	80 to 90	90 to 100	100 to 110	110 to 120	120 to 130	130 to 140	140 to 150	150 to 160	
11.25 33.75 NNE	0.50	1.83	4.95	6.59	5.83	3.36	2.07	1.50	0.50								27.13
33.75 56.25 NE	0.41	1.57	3.38	7.05	9.22	5.21	1.93	0.53	0.06	0.02							29.39
56.25 78.75 ENE	0.30	0.93	0.93	0.75	0.39												3.30
78.75 101.25 E	0.35	0.69	0.56	0.02													1.62
101.25 123.75 ESE	0.31	0.49	0.24	0.01													1.05
123.75 146.25 SE	0.30	0.76	0.20														1.26
146.25 168.75 SSE	0.31	0.72	0.42	0.14													1.59
168.75 191.25 S	0.34	0.86	1.39	1.54	0.80	0.27	0.02										5.21
191.25 213.75 SSW	0.51	1.04	1.96	3.01	3.59	3.72	2.64	2.21	2.06	1.12	0.45	0.12	0.02				22.44
213.75 236.25 SW	0.25	0.74	0.73	0.46	0.24	0.16	0.13	0.16	0.06	0.03							2.97
236.25 258.75 WSW	0.29	0.22															0.51
258.75 281.25 W	0.21	0.06															0.27
281.25 303.75 WNW	0.16	0.07															0.23
303.75 326.25 NW	0.15	0.03															0.19
326.25 348.75 NNW	0.34	0.24	0.01														0.59
348.75 11.25 N	0.43	0.94	0.63	0.21	0.06												2.26
Column Total (%)	5.15	11.19	15.38	19.78	20.14	12.71	6.79	4.41	2.67	1.18	0.45	0.12	0.02	0.00	0.00	0.00	

No. of Non-Flagged Records: 8640 No. of Flagged Recs: 0  
 Max. Speed : 121 cm/s Filename: gc\_mid\_all\_5min\_spd\_ed1.dat  
 Mean Speed : 40.5 cm/s  
 Vector-averaged Speed: 10.6 cm/s at 54.6 deg

Location: Gros Cacouna (47 56.428N 69 31.169W) at site Gros Cacouna  
 Instrument: ADCP  
 For period: Jul.01,2005 00:00:00 to Jul.31,2005 23:55:00 UTC Sample Interval: 5 min

Direction (deg)	Speed (cm/s)																Row Total (%)
	0 to 10	10 to 20	20 to 30	30 to 40	40 to 50	50 to 60	60 to 70	70 to 80	80 to 90	90 to 100	100 to 110	110 to 120	120 to 130	130 to 140	140 to 150	150 to 160	
11.25 33.75 NNE	0.63	2.36	4.65	5.51	5.80	3.60	1.98	1.19	0.51	0.51	0.32						27.05
33.75 56.25 NE	0.36	1.54	3.80	8.33	10.55	4.32	1.65	0.49	0.01	0.01							31.06
56.25 78.75 ENE	0.26	1.02	1.16	0.51	0.28	0.03											3.27
78.75 101.25 E	0.32	0.72	0.39														1.44
101.25 123.75 ESE	0.22	0.86	0.12	0.01													1.21
123.75 146.25 SE	0.25	0.87	0.26	0.02													1.42
146.25 168.75 SSE	0.28	0.82	0.60	0.01	0.01												1.71
168.75 191.25 S	0.21	0.90	1.55	1.66	0.54	0.12	0.06										5.03
191.25 213.75 SSW	0.23	1.05	1.92	3.13	3.80	3.89	2.85	2.15	1.08	0.49	0.18						20.78
213.75 236.25 SW	0.38	0.83	0.61	0.39	0.32	0.12	0.09	0.24	0.07								3.05
236.25 258.75 WSW	0.40	0.14															0.54
258.75 281.25 W	0.16																0.16
281.25 303.75 WNW	0.37	0.01															0.38
303.75 326.25 NW	0.20	0.03															0.23
326.25 348.75 NNW	0.35	0.30	0.06														0.70
348.75 11.25 N	0.60	0.59	0.49	0.14	0.12	0.02		0.01									1.97
Column Total (%)	5.21	12.05	15.62	19.71	21.42	12.09	6.63	4.09	1.67	1.01	0.51	0.00	0.00	0.00	0.00	0.00	

No. of Non-Flagged Records: 8690 No. of Flagged Recs: 238  
 Max. Speed : 110 cm/s Filename: gc\_mid\_all\_5min\_spd\_ed1.dat  
 Mean Speed : 39.5 cm/s  
 Vector-averaged Speed: 12.7 cm/s at 49.9 deg



Location: Gros Cacouna (47 56.428N 69 31.169W) at site Gros Cacouna  
 Instrument: ADCP  
 For period: Aug.01,2005 00:00:00 to Aug.31,2005 23:55:00 UTC Sample Interval: 5 min

Direction (deg)		Speed (cm/s)															Row Total (%)	
		0 to 10	10 to 20	20 to 30	30 to 40	40 to 50	50 to 60	60 to 70	70 to 80	80 to 90	90 to 100	100 to 110	110 to 120	120 to 130	130 to 140	140 to 150		150 to 160
11.25	33.75 NNE	0.59	2.27	5.79	8.04	10.67	7.39	4.03	2.14	1.03	0.21	0.03						42.22
33.75	56.25 NE	0.52	1.59	2.68	4.03	3.80	2.87	0.84	0.20									16.52
56.25	78.75 ENE	0.43	0.90	0.58	0.10													2.00
78.75	101.25 E	0.40	0.57	0.24														1.21
101.25	123.75 ESE	0.43	0.46	0.16														1.04
123.75	146.25 SE	0.39	0.50	0.12														1.02
146.25	168.75 SSE	0.38	1.01	0.55	0.02													1.96
168.75	191.25 S	0.45	1.58	2.11	1.56	0.84	0.39	0.18	0.09									7.19
191.25	213.75 SSW	0.45	1.18	2.20	2.78	3.20	3.48	3.62	2.91	1.31	0.67	0.07						21.86
213.75	236.25 SW	0.24	0.31	0.12	0.08		0.01											0.76
236.25	258.75 WSW	0.13	0.11															0.25
258.75	281.25 W	0.15	0.01															0.16
281.25	303.75 WNW	0.11	0.01															0.12
303.75	326.25 NW	0.11	0.03															0.15
326.25	348.75 NNW	0.26	0.25	0.04	0.01													0.56
348.75	11.25 N	0.25	0.90	1.23	0.49	0.11												2.98
Column Total (%)		5.28	11.68	15.82	17.11	18.63	14.15	8.67	5.34	2.34	0.88	0.10	0.00	0.00	0.00	0.00	0.00	

No. of Non-Flagged Records: 8928 No. of Flagged Recs: 0  
 Max. Speed : 107 cm/s Filename: gc\_mid\_all\_5min\_spd\_ed1.dat  
 Mean Speed : 40.7 cm/s  
 Vector-averaged Speed: 12.9 cm/s at 43.4 deg

Location: Gros Cacouna (47 56.428N 69 31.169W) at site Gros Cacouna  
 Instrument: ADCP  
 For period: Sep.01,2005 00:00:00 to Sep.30,2005 23:55:00 UTC Sample Interval: 5 min

Direction (deg)		Speed (cm/s)															Row Total (%)	
		0 to 10	10 to 20	20 to 30	30 to 40	40 to 50	50 to 60	60 to 70	70 to 80	80 to 90	90 to 100	100 to 110	110 to 120	120 to 130	130 to 140	140 to 150		150 to 160
11.25	33.75 NNE	0.51	2.21	5.57	7.50	8.08	6.94	4.61	2.75	0.82	0.35	0.02						39.36
33.75	56.25 NE	0.80	1.81	2.52	3.43	3.37	3.24	0.86	0.31									16.33
56.25	78.75 ENE	0.66	0.88	0.57	0.13													2.23
78.75	101.25 E	0.50	0.54	0.20														1.24
101.25	123.75 ESE	0.38	0.54	0.08														1.01
123.75	146.25 SE	0.45	0.50	0.09														1.04
146.25	168.75 SSE	0.51	0.98	0.47	0.08													2.05
168.75	191.25 S	0.71	1.66	2.06	1.37	1.25	0.38	0.24	0.02									7.69
191.25	213.75 SSW	0.36	1.15	2.47	2.92	2.88	3.96	4.36	3.00	1.89	0.58	0.20						23.75
213.75	236.25 SW	0.36	0.41	0.32	0.05	0.05	0.01	0.03	0.02		0.01							1.26
236.25	258.75 WSW	0.20	0.06															0.25
258.75	281.25 W	0.09																0.09
281.25	303.75 WNW	0.16	0.01															0.17
303.75	326.25 NW	0.14	0.01															0.15
326.25	348.75 NNW	0.16	0.07	0.15	0.01													0.39
348.75	11.25 N	0.28	0.41	1.32	0.78	0.17		0.02										2.97
Column Total (%)		6.26	11.23	15.82	16.25	15.80	14.54	10.13	6.11	2.71	0.94	0.22	0.00	0.00	0.00	0.00	0.00	

No. of Non-Flagged Records: 8640 No. of Flagged Recs: 0  
 Max. Speed : 106 cm/s Filename: gc\_mid\_all\_5min\_spd\_ed1.dat  
 Mean Speed : 41.3 cm/s  
 Vector-averaged Speed: 10.5 cm/s at 47.8 deg



# Near-Bottom

Location: Gros Cacouna (47 56.428N 69 31.169W) at site Gros Cacouna  
 Instrument: ADCP  
 For period: Nov.01,2004 00:00:00 to Nov.30,2004 23:55:00 UTC Sample Interval: 5 min

Direction (deg)	Speed (cm/s)															Row Total (%)	
	0 to 10	10 to 20	20 to 30	30 to 40	40 to 50	50 to 60	60 to 70	70 to 80	80 to 90	90 to 100	100 to 110	110 to 120	120 to 130	130 to 140	140 to 150		150 to 160
11.25 33.75 NNE	1.04	3.85	3.25	3.44	2.27	1.24	0.4	0.02									15.51
33.75 56.25 NE	0.78	3.27	4.15	5.97	4.2	1.84	0.12										20.33
56.25 78.75 ENE	0.41	1.04	1.51	1.14	0.85	0.07											5.03
78.75 101.25 E	0.25	0.8	0.53	0.1													1.68
101.25 123.75 ESE	0.31	0.7	0.28	0.02													1.31
123.75 146.25 SE	0.2	0.88	0.48	0.02													1.58
146.25 168.75 SSE	0.2	0.6	1.48	0.88													3.15
168.75 191.25 S	0.3	0.4	1.07	2.24	1.68	0.97	0.37	0.05									7.08
191.25 213.75 SSW	0.28	1.12	1.75	3.21	3.84	4.14	3.96	1.76	0.94	0.24	0.01						21.24
213.75 236.25 SW	0.41	0.97	1.25	1.02	0.85	0.54	0.41	0.05									5.49
236.25 258.75 WSW	0.61	0.68	0.16	0.04													1.49
258.75 281.25 W	0.6	0.54	0.01														1.15
281.25 303.75 WNW	0.55	0.55	0.01														1.12
303.75 326.25 NW	0.58	0.72	0.12	0.1	0.01												1.52
326.25 348.75 NNW	0.89	1.9	0.91	0.26	0.02	0.07											4.05
348.75 11.25 N	1.12	2.81	2.35	1.49	0.48	0.02											8.26
Column Total (%)	8.53	20.82	19.3	19.94	14.2	8.89	5.25	1.88	0.94	0.24	0.01	0	0	0	0	0	

No. of Non-Flagged Records: 8337 No. of Flagged Reco: 303  
 Max. Speed : 100.5 cm/s Filename: gc\_nb\_all\_5min\_ed2.dat  
 Mean Speed : 32.49 cm/s  
 Vector-averaged Speed: 3.78 cm/s at 137.1 deg

Location: Gros Cacouna (47 56.428N 69 31.169W) at site Gros Cacouna  
 Instrument: ADCP  
 For period: Dec.01,2004 00:00:00 to Dec.31,2004 23:55:00 UTC Sample Interval: 5 min

Direction (deg)	Speed (cm/s)															Row Total (%)	
	0 to 10	10 to 20	20 to 30	30 to 40	40 to 50	50 to 60	60 to 70	70 to 80	80 to 90	90 to 100	100 to 110	110 to 120	120 to 130	130 to 140	140 to 150		150 to 160
11.25 33.75 NNE	1.02	2.46	3.3	2.92	2.24	1.12	0.65	0.22									13.94
33.75 56.25 NE	0.8	2.46	4.32	4.7	3.19	0.53	0.04	0.01									16.06
56.25 78.75 ENE	0.82	1.19	2.25	1.49	0.65	0.02											6.42
78.75 101.25 E	0.52	0.78	0.95	0.43													2.68
101.25 123.75 ESE	0.35	0.78	0.37	0.06													1.56
123.75 146.25 SE	0.28	0.84	0.44	0.01													1.57
146.25 168.75 SSE	0.32	0.85	0.78	0.26	0.01												2.23
168.75 191.25 S	0.38	1.21	2.05	2.42	1.25	0.45	0.12										7.89
191.25 213.75 SSW	0.73	1.42	2.83	3.47	6.55	4.92	3.15	0.46	0.04								23.58
213.75 236.25 SW	0.85	1.64	1.51	1.05	0.82	0.99	0.25										7.1
236.25 258.75 WSW	0.81	0.8	0.08														1.68
258.75 281.25 W	0.75	0.47															1.22
281.25 303.75 WNW	0.74	0.35	0.12														1.21
303.75 326.25 NW	0.96	0.68	0.17														1.81
326.25 348.75 NNW	1.05	1.59	0.83	0.13	0.13	0.01											3.75
348.75 11.25 N	0.96	2.3	2.34	1.14	0.37	0.19											7.3
Column Total (%)	11.34	19.83	22.36	18.09	15.22	8.22	4.21	0.69	0.04	0	0	0	0	0	0	0	

No. of Non-Flagged Records: 8928 No. of Flagged Reco: 0  
 Max. Speed : 83.81 cm/s Filename: gc\_nb\_all\_5min\_ed2.dat  
 Mean Speed : 30.06 cm/s  
 Vector-averaged Speed: 4.04 cm/s at 153.6 deg



Location: Gros Cacouna (47 56.428N 69 31.169W) at site Gros Cacouna  
 Instrument: ADCP  
 For period: Jan.01,2005 00:00:00 to Jan.31,2005 23:55:00 UTC Sample Interval: 5 min

		Speed (cm/s)														Row Total (%)	
		0 to 10	10 to 20	20 to 30	30 to 40	40 to 50	50 to 60	60 to 70	70 to 80	80 to 90	90 to 100	100 to 110	110 to 120	120 to 130	130 to 140		140 to 150
Direction (deg)																	
11.25	33.75 NNE	1.37	3.85	3.46	2.36	1.16	1.08	0.24	0.02								
33.75	56.25 NE	0.9	3.49	5.82	5.04	1.58	0.8	0.11	0.01								
56.25	78.75 ENE	0.49	1.71	1.71	1.15	0.25	0.06										
78.75	101.25 E	0.59	1.06	0.46	0.11												
101.25	123.75 ESE	0.5	0.72	0.36	0.09												
123.75	146.25 SE	0.5	0.94	0.3	0.04												
146.25	168.75 SSE	0.71	1.32	0.82	0.24	0.07											
168.75	191.25 S	0.57	1.43	2.3	1.56	1.09	0.31	0.29									
191.25	213.75 SSW	0.58	2.06	3.56	6.38	4.46	3.58	1.85	0.66	0.07							
213.75	236.25 SW	0.94	2.42	2.5	2	1.77	0.39	0.21		0.01							
236.25	258.75 WSW	0.71	0.96	0.18													
258.75	281.25 W	0.69	0.65														
281.25	303.75 WNW	0.9	0.73	0.02													
303.75	326.25 NW	0.72	0.56	0.12													
326.25	348.75 NNW	0.93	1.23	0.2													
348.75	11.25 N	1.16	2.27	1.16	0.24	0.04											
Column Total (%)		12.26	25.43	22.98	19.22	10.42	6.22	2.7	0.69	0.08	0	0	0	0	0	0	0

No. of Non-Flagged Records: 8928 No. of Flagged Reco: 0  
 Max. Speed : 86.04 cm/s Filename: gc\_nb\_all\_5min\_ed2.dat  
 Mean Speed : 27.31 cm/s  
 Vector-averaged Speed: 5.08 cm/s at 171.3 deg

Location: Gros Cacouna (47 56.428N 69 31.169W) at site Gros Cacouna  
 Instrument: ADCP  
 For period: Feb.01,2005 00:00:00 to Feb.28,2005 23:55:00 UTC Sample Interval: 5 min

		Speed (cm/s)														Row Total (%)	
		0 to 10	10 to 20	20 to 30	30 to 40	40 to 50	50 to 60	60 to 70	70 to 80	80 to 90	90 to 100	100 to 110	110 to 120	120 to 130	130 to 140		140 to 150
Direction (deg)																	
11.25	33.75 NNE	1.26	2.86	3.19	2.63	2.16	1.34	0.26									
33.75	56.25 NE	0.79	3.44	5.67	6.01	2.64	0.72	0.17									
56.25	78.75 ENE	0.55	1.46	1.45	1.02	0.15											
78.75	101.25 E	0.37	0.81	0.6	0.11												
101.25	123.75 ESE	0.37	0.55	0.32													
123.75	146.25 SE	0.38	0.69	0.41													
146.25	168.75 SSE	0.5	1.23	1.2	0.38	0.05											
168.75	191.25 S	0.37	1.13	1.65	2.06	1.24	0.51	0.02									
191.25	213.75 SSW	0.69	1.36	2.52	4.02	6.08	5.37	3.65	1.31	0.21	0.02						
213.75	236.25 SW	0.81	1.41	2.33	2.62	2	0.46	0.33	0.1	0.09	0.02						
236.25	258.75 WSW	0.72	0.98	0.19													
258.75	281.25 W	0.74	0.43														
281.25	303.75 WNW	0.77	0.21														
303.75	326.25 NW	0.67	0.57														
326.25	348.75 NNW	1.1	1.57	0.09													
348.75	11.25 N	1.22	1.79	0.61	0.21												
Column Total (%)		11.32	20.5	20.21	19.06	14.31	8.4	4.44	1.41	0.3	0.05	0	0	0	0	0	0

No. of Non-Flagged Records: 8064 No. of Flagged Reco: 0  
 Max. Speed : 92.42 cm/s Filename: gc\_nb\_all\_5min\_ed2.dat  
 Mean Speed : 30.66 cm/s  
 Vector-averaged Speed: 6.89 cm/s at 178.9 deg



Location: Gros Cacouna (47 56.428N 69 31.169W) at site Gros Cacouna  
 Instrument: ADCP  
 For period: Mar.01,2005 00:00:00 to Mar.31,2005 23:55:00 UTC Sample Interval: 5 min

Direction (deg)		Speed (cm/s)														Row Total (%)		
		0 to 10	10 to 20	20 to 30	30 to 40	40 to 50	50 to 60	60 to 70	70 to 80	80 to 90	90 to 100	100 to 110	110 to 120	120 to 130	130 to 140		140 to 150	150 to 160
11.25	33.75 NNE	0.97	3.02	2.84	3.23	2.64	0.95											13.66
33.75	56.25 NE	0.9	3.41	4.77	5.07	3.52	2.22	0.74										20.62
56.25	78.75 ENE	0.9	1.34	1.09	0.69	0.29												4.31
78.75	101.25 E	0.59	0.59	0.55	0.01													1.75
101.25	123.75 ESE	0.27	0.62	0.56	0.02													1.47
123.75	146.25 SE	0.43	0.67	0.49	0.03													1.62
146.25	168.75 SSE	0.48	0.64	1.08	0.4	0.04												2.64
168.75	191.25 S	0.57	0.78	1.57	1.71	2.11	1.42	0.16										8.32
191.25	213.75 SSW	0.54	1.16	2.36	3.49	5.47	5.11	3.29	1.43	0.38								23.24
213.75	236.25 SW	0.74	1.62	2.33	1.29	0.94	0.72	0.52	0.18	0.02								8.36
236.25	258.75 WSW	0.8	0.83	0.24	0.04													1.9
258.75	281.25 W	0.75	0.45	0.01														1.21
281.25	303.75 WNW	0.81	0.4															1.21
303.75	326.25 NW	1	0.56															1.56
326.25	348.75 NNW	1.48	1.49	0.28														3.25
348.75	11.25 N	0.91	2.24	1.1	0.53	0.1												4.87
Column Total (%)		12.12	19.84	19.27	16.53	15.11	10.42	4.7	1.61	0.4	0	0	0	0	0	0	0	0

No. of Non-Flagged Records: 8928 No. of Flagged Reco: 0  
 Max. Speed : 86.54 cm/s Filename: gc\_nb\_all\_5min\_ed2.dat  
 Mean Speed : 31.34 cm/s  
 Vector-averaged Speed: 5.45 cm/s at 167.7 deg

Location: Gros Cacouna (47 56.428N 69 31.169W) at site Gros Cacouna  
 Instrument: ADCP  
 For period: Apr.01,2005 00:00:00 to Apr.30,2005 23:55:00 UTC Sample Interval: 5 min

Direction (deg)		Speed (cm/s)														Row Total (%)		
		0 to 10	10 to 20	20 to 30	30 to 40	40 to 50	50 to 60	60 to 70	70 to 80	80 to 90	90 to 100	100 to 110	110 to 120	120 to 130	130 to 140		140 to 150	150 to 160
11.25	33.75 NNE	1.17	2.1	2.72	2.24	1.42	0.73	0.09										10.49
33.75	56.25 NE	1.02	3.36	5.7	5.84	4.19	2.26	0.62										22.98
56.25	78.75 ENE	0.84	1.34	1.51	1.03	0.34	0.01											5.07
78.75	101.25 E	0.5	0.76	0.71	0.19													2.15
101.25	123.75 ESE	0.49	0.86	0.5	0.02													1.87
123.75	146.25 SE	0.49	0.71	0.52	0.07	0.01												1.8
146.25	168.75 SSE	0.5	0.8	0.74	0.27	0.1	0.01											2.43
168.75	191.25 S	0.69	1.24	2.08	1.64	1.95	1.36	0.37	0.1									9.44
191.25	213.75 SSW	0.59	1.4	2.07	3.26	3.67	3.8	2.87	1.38	0.51	0.09							19.65
213.75	236.25 SW	0.88	2	1.59	0.97	0.76	0.49	0.37	0.2	0.1								7.36
236.25	258.75 WSW	0.93	1.15	0.27	0.07													2.42
258.75	281.25 W	0.97	0.5	0.02														1.49
281.25	303.75 WNW	1.06	0.52	0.02														1.6
303.75	326.25 NW	0.84	0.78	0.23														1.85
326.25	348.75 NNW	1.38	1.87	0.64	0.15													4.05
348.75	11.25 N	1.13	1.95	1.34	0.83	0.1												5.35
Column Total (%)		13.48	21.35	20.67	16.57	12.55	8.66	4.33	1.69	0.62	0.09	0	0	0	0	0	0	0

No. of Non-Flagged Records: 8600 No. of Flagged Reco: 40  
 Max. Speed : 93.67 cm/s Filename: gc\_nb\_all\_5min\_ed2.dat  
 Mean Speed : 29.9 cm/s  
 Vector-averaged Speed: 4.65 cm/s at 145.9 deg





Location: Gros Cacouna (47 56.428N 69 31.169W) at site Gros Cacouna  
 Instrument: ADCP  
 For period: May.01,2005 00:00:00 to May.31,2005 23:55:00 UTC Sample Interval: 5 min

		Speed (cm/s)														Row Total (%)	
		0 to 10	10 to 20	20 to 30	30 to 40	40 to 50	50 to 60	60 to 70	70 to 80	80 to 90	90 to 100	100 to 110	110 to 120	120 to 130	130 to 140		140 to 150
Direction (deg)																	
11.25	33.75 NNE	0.99	1.92	2.21	2.3	1.57	0.3										
33.75	56.25 NE	0.94	2.34	4.68	5.45	3.21	0.67	0.02	0.04	0.01							
56.25	78.75 ENE	0.94	1.95	3	2.54	0.74	0.09										
78.75	101.25 E	0.64	0.67	0.86	0.22	0.04											
101.25	123.75 ESE	0.54	0.53	0.62	0.1												
123.75	146.25 SE	0.55	0.68	0.46													
146.25	168.75 SSE	0.77	0.64	1.09	0.31	0.03	0.03										
168.75	191.25 S	0.85	1.28	1.62	1.56	1.14	0.56	0.12									
191.25	213.75 SSW	0.9	1.77	2.76	3.46	3.09	3.63	2.23	0.85	0.16							
213.75	236.25 SW	0.97	2.02	1.89	1.52	1.69	1.62	1.24	0.49	0.28	0.01						
236.25	258.75 WSW	0.82	1.12	0.84	0.37	0.04											
258.75	281.25 W	0.71	0.78	0.24	0.04												
281.25	303.75 WNW	0.84	0.78	0.09	0.01												
303.75	326.25 NW	0.64	0.81	0.28	0.11												
326.25	348.75 NNW	0.75	1.41	0.81	0.2	0.07	0.02										
348.75	11.25 N	0.84	1.92	1.66	0.86	0.46	0.04										
Column Total (%)		12.68	20.61	23.1	19.07	12.1	6.98	3.62	1.39	0.45	0.01	0	0	0	0	0	0

No. of Non-Flagged Records: 8928 No. of Flagged Reco: 0  
 Max. Speed : 91.04 cm/s Filename: gc\_nb\_all\_5min\_ed2.dat  
 Mean Speed : 29.21 cm/s  
 Vector-averaged Speed: 4.47 cm/s at 171.0 deg

Location: Gros Cacouna (47 56.428N 69 31.169W) at site Gros Cacouna  
 Instrument: ADCP  
 For period: Jun.01,2005 00:00:00 to Jun.30,2005 23:55:00 UTC Sample Interval: 5 min

		Speed (cm/s)														Row Total (%)	
		0 to 10	10 to 20	20 to 30	30 to 40	40 to 50	50 to 60	60 to 70	70 to 80	80 to 90	90 to 100	100 to 110	110 to 120	120 to 130	130 to 140		140 to 150
Direction (deg)																	
11.25	33.75 NNE	0.81	2.4	2.56	2.48	2	0.79	0.12									
33.75	56.25 NE	0.76	1.72	4.36	5.93	3.07	1.06	0.05									
56.25	78.75 ENE	0.46	1.37	1.92	2.03	1.02											
78.75	101.25 E	0.72	0.8	0.52	0.42	0.09											
101.25	123.75 ESE	0.46	0.56	0.28	0.22	0.01											
123.75	146.25 SE	0.37	0.75	0.52	0.15												
146.25	168.75 SSE	0.27	0.57	1.22	0.5	0.1											
168.75	191.25 S	0.37	0.57	1.45	2.19	1.28	0.43	0.12	0.01								
191.25	213.75 SSW	0.72	1.01	1.78	3.74	4.38	4.24	2.96	1.96	0.53	0.02						
213.75	236.25 SW	0.66	1.16	1.5	1.31	1.11	0.76	0.41	0.22	0.03							
236.25	258.75 WSW	0.83	0.87	0.5	0.14	0.05											
258.75	281.25 W	0.83	0.78	0.29	0.06												
281.25	303.75 WNW	0.59	0.76	0.24													
303.75	326.25 NW	0.95	1.24	0.37	0.14												
326.25	348.75 NNW	0.68	1.96	0.88	0.29	0.06											
348.75	11.25 N	0.76	3.01	3.47	1.62	0.24	0.07										
Column Total (%)		10.25	19.5	21.86	21.19	13.41	7.35	3.65	2.19	0.57	0.02	0	0	0	0	0	0

No. of Non-Flagged Records: 8640 No. of Flagged Reco: 0  
 Max. Speed : 90.67 cm/s Filename: gc\_nb\_all\_5min\_ed2.dat  
 Mean Speed : 30.87 cm/s  
 Vector-averaged Speed: 3.77 cm/s at 161.5 deg



Location: Gros Cacouna (47 56.428N 69 31.169W) at site Gros Cacouna  
 Instrument: ADCP  
 For period: Jul.01,2005 00:00:00 to Jul.31,2005 23:55:00 UTC Sample Interval: 5 min

		Speed (cm/s)														Row Total (%)	
		0 to 10	10 to 20	20 to 30	30 to 40	40 to 50	50 to 60	60 to 70	70 to 80	80 to 90	90 to 100	100 to 110	110 to 120	120 to 130	130 to 140		140 to 150
Direction (deg)																	
11.25	33.75 NNE	1.05	2.49	2.51	2.57	2.24	1.16	0.2									
33.75	56.25 NE	1.35	2.72	4.15	5.42	3.1	0.46										
56.25	78.75 ENE	0.71	1.4	2.47	2.05	0.63	0.01										
78.75	101.25 E	0.53	0.79	0.84	0.12	0.02											
101.25	123.75 ESE	0.33	0.67	0.58													
123.75	146.25 SE	0.26	0.7	0.56													
146.25	168.75 SSE	0.25	0.66	1.27	0.75	0.03											
168.75	191.25 S	0.38	0.84	1.52	2.49	1.71	0.6	0.01									
191.25	213.75 SSW	0.56	1.42	1.74	3.12	4.44	4.14	2.83	0.54	0.25							
213.75	236.25 SW	0.82	1.61	1.4	0.83	0.74	0.38	0.23	0.16	0.06							
236.25	258.75 WSW	0.76	0.86	0.66	0.01												
258.75	281.25 W	0.71	0.89	0.14													
281.25	303.75 WNW	0.83	0.89	0.13													
303.75	326.25 NW	1.3	1.53	0.45	0.08												
326.25	348.75 NNW	1.27	2.08	1.01	0.46												
348.75	11.25 N	1.46	2.06	2.92	1.05	0.44	0.15										
Column Total (%)		12.58	21.6	22.35	18.93	13.36	6.9	3.27	0.7	0.31	0	0	0	0	0	0	0

No. of Non-Flagged Records: 8690 No. of Flagged Reco: 238  
 Max. Speed : 88.57 cm/s Filename: gc\_nb\_all\_5min\_ed2.dat  
 Mean Speed : 28.8 cm/s  
 Vector-averaged Speed: 2.89 cm/s at 135.3 deg

Location: Gros Cacouna (47 56.428N 69 31.169W) at site Gros Cacouna  
 Instrument: ADCP  
 For period: Aug.01,2005 00:00:00 to Aug.31,2005 23:55:00 UTC Sample Interval: 5 min

		Speed (cm/s)														Row Total (%)	
		0 to 10	10 to 20	20 to 30	30 to 40	40 to 50	50 to 60	60 to 70	70 to 80	80 to 90	90 to 100	100 to 110	110 to 120	120 to 130	130 to 140		140 to 150
Direction (deg)																	
11.25	33.75 NNE	1.38	1.81	2.82	3.06	3.16	1.62	0.67									
33.75	56.25 NE	0.92	3.25	4.42	5.71	2.84	0.4	0.12									
56.25	78.75 ENE	0.63	1.18	1.71	0.71	0.37											
78.75	101.25 E	0.44	0.53	0.59	0.06	0.02											
101.25	123.75 ESE	0.45	0.72	0.55													
123.75	146.25 SE	0.37	0.68	0.66	0.06												
146.25	168.75 SSE	0.34	0.81	1.37	0.77	0.21											
168.75	191.25 S	0.47	0.88	1.98	3.01	3.56	1.79	0.5	0.13								
191.25	213.75 SSW	0.71	1.44	1.71	2.6	3.18	3.69	2.8	0.83	0.09							
213.75	236.25 SW	0.91	1.97	1.36	0.99	0.48	0.28	0.03	0.03								
236.25	258.75 WSW	0.93	1.43	0.3	0.01												
258.75	281.25 W	1.01	0.9	0.19													
281.25	303.75 WNW	0.87	1.02	0.19	0.01												
303.75	326.25 NW	0.96	1.18	0.52	0.11	0.01											
326.25	348.75 NNW	0.83	1.57	1.34	0.66	0.06											
348.75	11.25 N	1.02	1.64	1.3	0.83	0.26	0.01										
Column Total (%)		12.22	21	21.02	18.58	14.16	7.8	4.13	1	0.09	0	0	0	0	0	0	0

No. of Non-Flagged Records: 8928 No. of Flagged Reco: 0  
 Max. Speed : 87.24 cm/s Filename: gc\_nb\_all\_5min\_ed2.dat  
 Mean Speed : 29.69 cm/s  
 Vector-averaged Speed: 3.99 cm/s at 145.0 deg



Location: Gros Cacouna (47 56.428N 69 31.169W) at site Gros Cacouna  
 Instrument: ADCP  
 For period: Sep.01,2005 00:00:00 to Sep.30,2005 23:55:00 UTC Sample Interval: 5 min

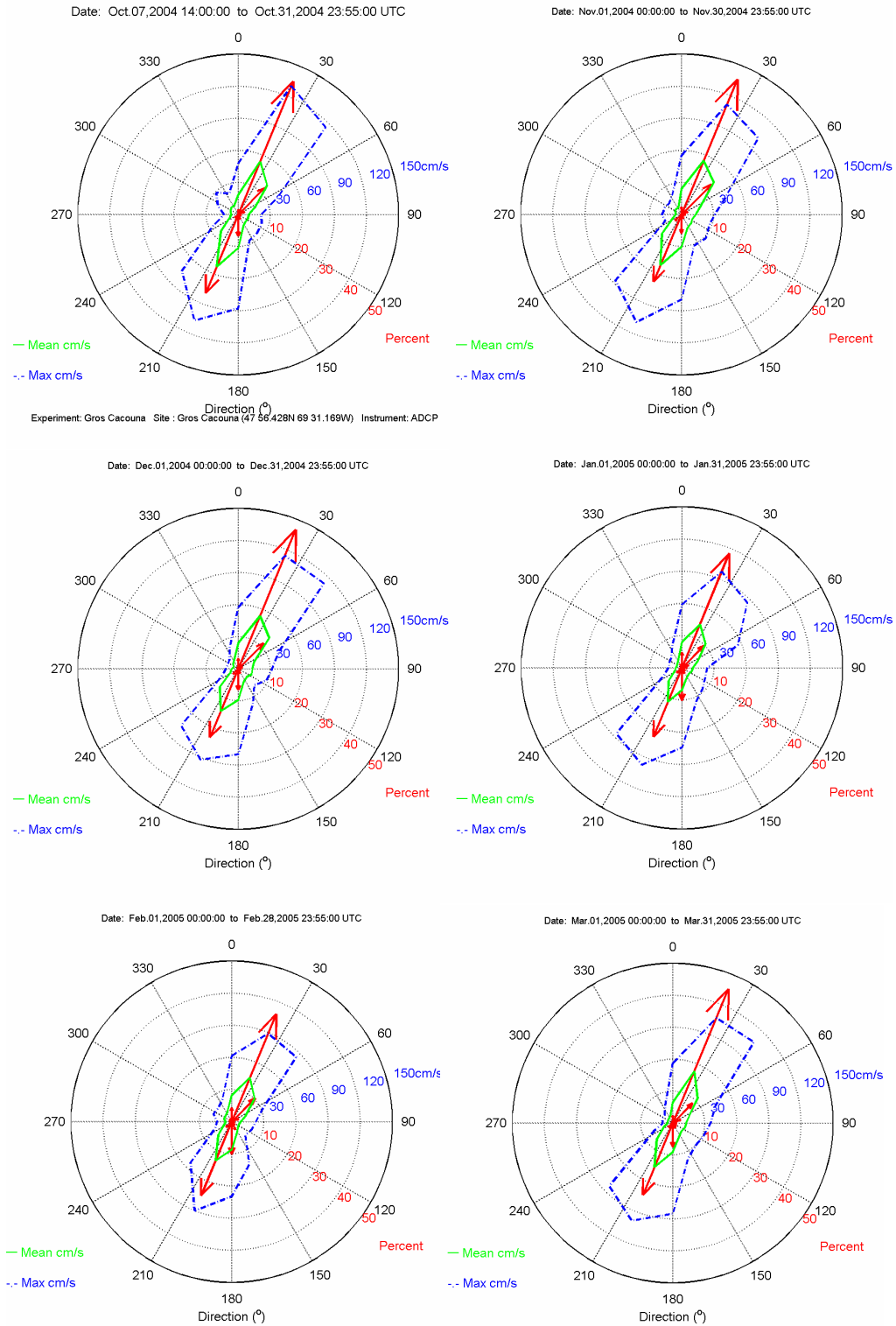
		Speed (cm/s)														Row Total (%)	
		0 to 10	10 to 20	20 to 30	30 to 40	40 to 50	50 to 60	60 to 70	70 to 80	80 to 90	90 to 100	100 to 110	110 to 120	120 to 130	130 to 140		140 to 150
Direction (deg)																	
11.25	33.75 NNE	0.9	2.66	2	2.08	2.45	2.04	0.53									12.67
33.75	56.25 NE	0.96	2.2	4.09	4.48	3.6	0.84	0.03									16.2
56.25	78.75 ENE	0.72	1.53	1.97	1.02	0.25											5.49
78.75	101.25 E	0.56	0.86	0.49	0.17	0.01											2.08
101.25	123.75 ESE	0.41	0.61	0.5	0.02												1.54
123.75	146.25 SE	0.25	0.59	1.05	0.14												2.04
146.25	168.75 SSE	0.3	0.6	1.26	0.67	0.09											2.93
168.75	191.25 S	0.32	1.05	1.86	2.66	2.25	1.57	0.98	0.08								10.79
191.25	213.75 SSW	0.52	1.64	2.5	2.82	4.14	4.75	3.34	1.1	0.13							20.95
213.75	236.25 SW	0.79	2.14	1.41	1.2	0.6	0.41	0.17	0.01								6.74
236.25	258.75 WSW	1.02	1.27	0.57	0.16												3.02
258.75	281.25 W	1.02	0.89	0.14													2.05
281.25	303.75 WNW	1.01	1.01	0.29													2.3
303.75	326.25 NW	0.87	1.12	0.65	0.1												2.74
326.25	348.75 NNW	0.86	1.71	1.26	0.31	0.05											4.19
348.75	11.25 N	0.76	1.64	1.22	0.58	0.07											4.27
Column Total (%)		11.26	21.54	21.25	16.44	13.52	9.61	5.07	1.19	0.13	0	0	0	0	0	0	0

No. of Non-Flagged Records: 8640                      No. of Flagged Reco: 0  
 Max. Speed : 82.72 cm/s                      Filename: gc\_nb\_all\_5min\_ed2.dat  
 Mean Speed : 30.49 cm/s  
 Vector-averaged Speed: 5.75 cm/s at 166.0 deg

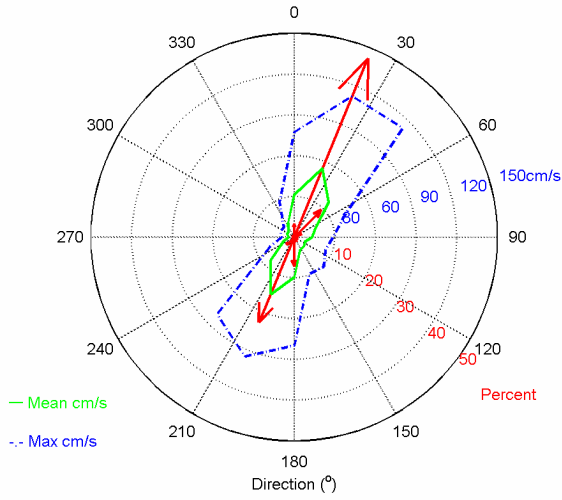


# C.3 Monthly Compass Plots

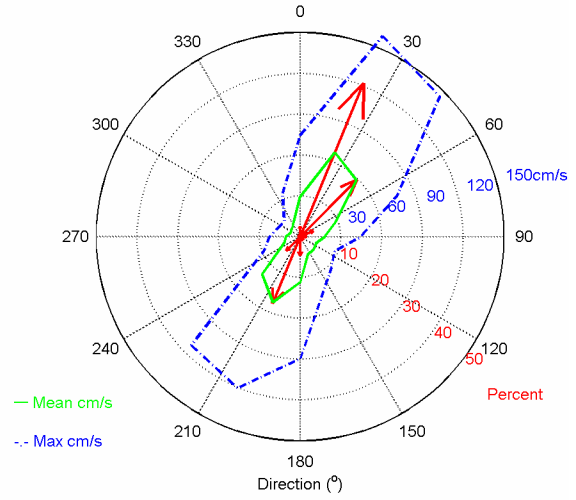
## Near-Surface



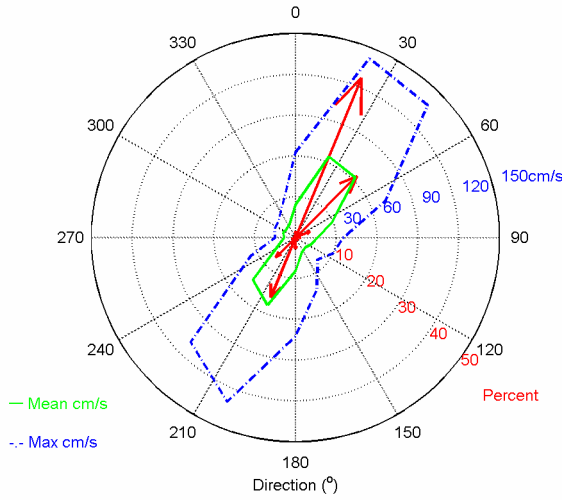
Date: Apr.01,2005 00:00:00 to Apr.30,2005 23:55:00 UTC



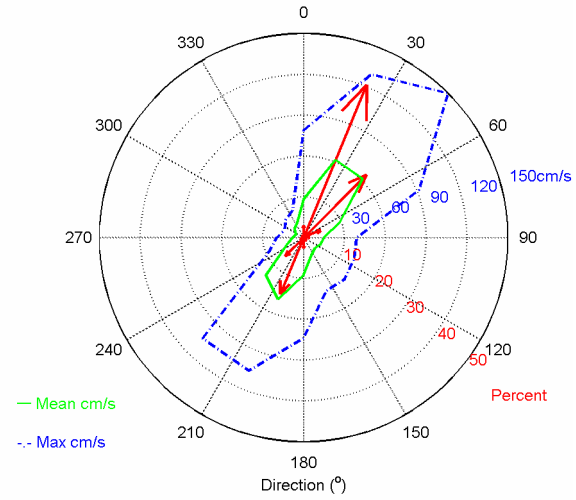
Date: May.01,2005 00:00:00 to May.31,2005 23:55:00 UTC



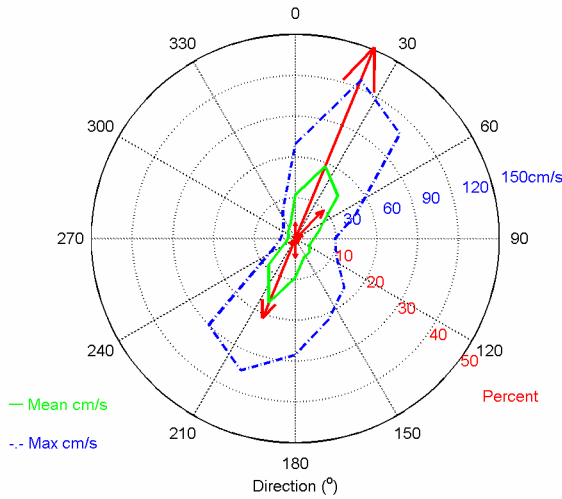
Date: Jun.01,2005 00:00:00 to Jun.30,2005 23:55:00 UTC



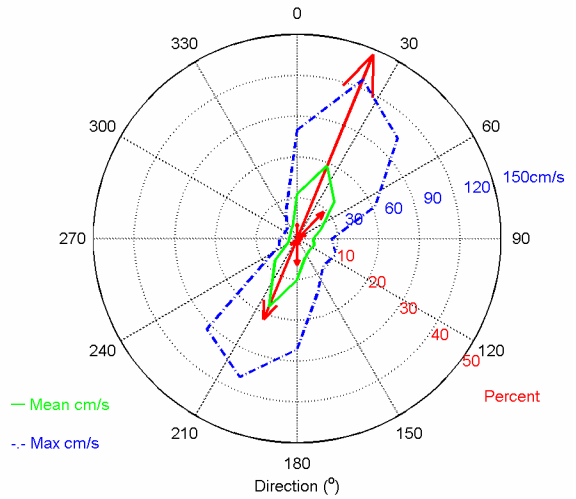
Date: Jul.01,2005 00:00:00 to Jul.31,2005 23:55:00 UTC



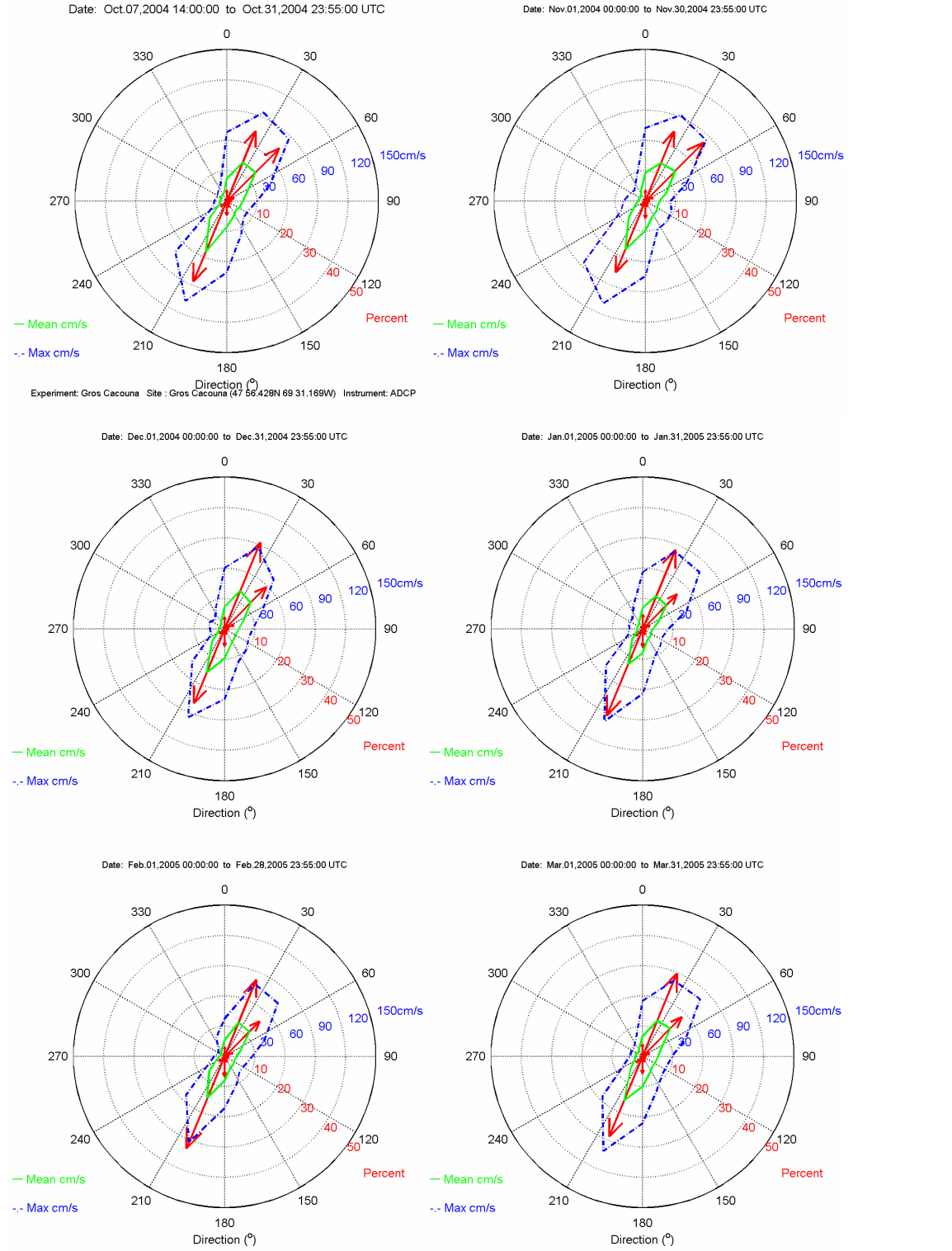
Date: Aug.01,2005 00:00:00 to Aug.31,2005 23:55:00 UTC



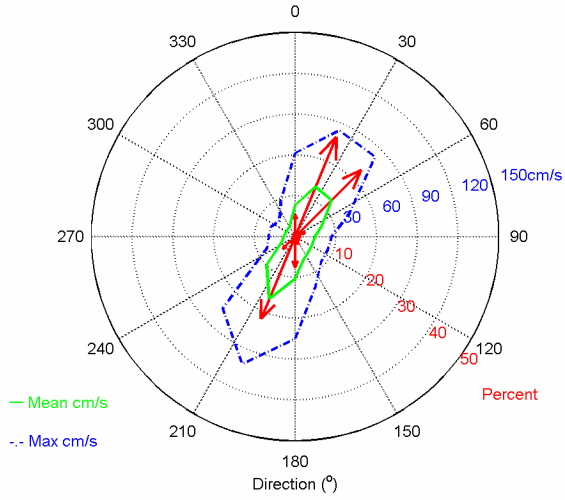
Date: Sep.01,2005 00:00:00 to Sep.30,2005 23:55:00 UTC



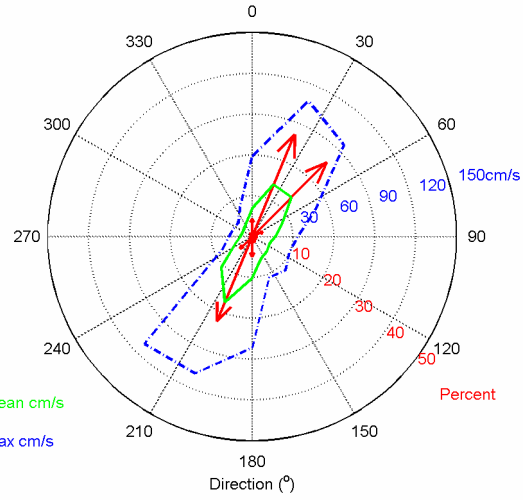
# Mid-Depth



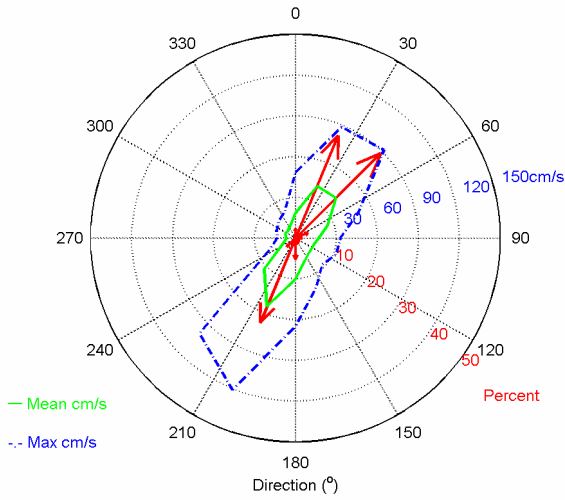
Date: Apr.01,2005 00:00:00 to Apr.30,2005 23:55:00 UTC



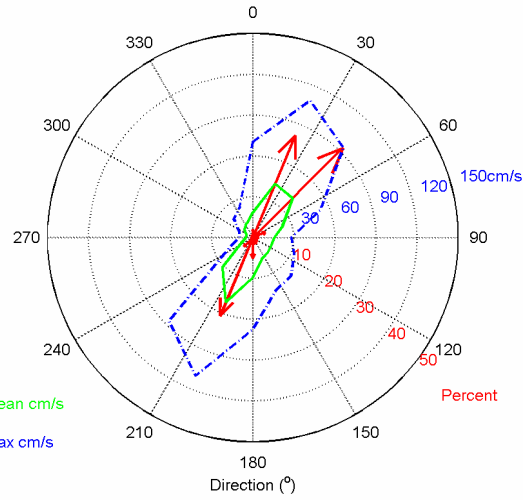
Date: May.01,2005 00:00:00 to May.31,2005 23:55:00 UTC



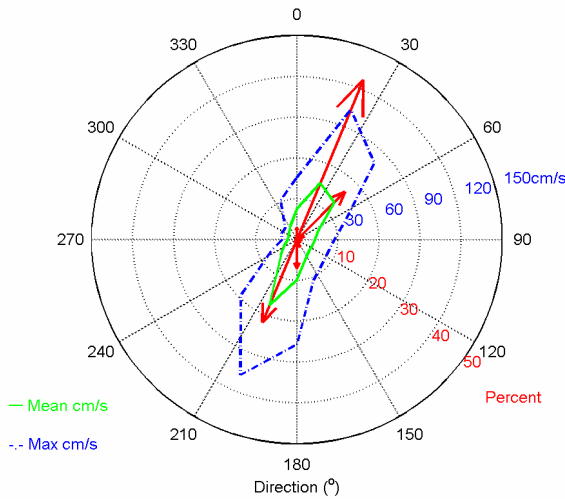
Date: Jun.01,2005 00:00:00 to Jun.30,2005 23:55:00 UTC



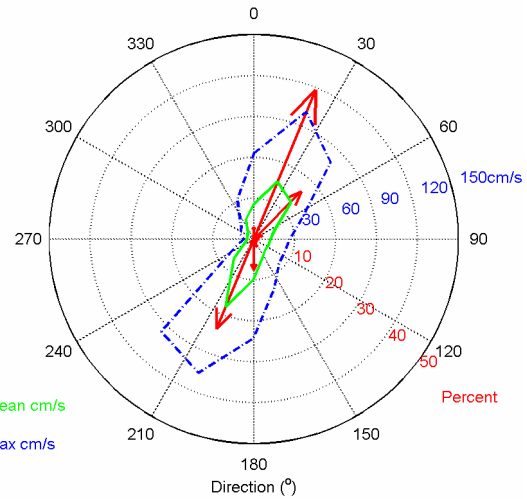
Date: Jul.01,2005 00:00:00 to Jul.31,2005 23:55:00 UTC



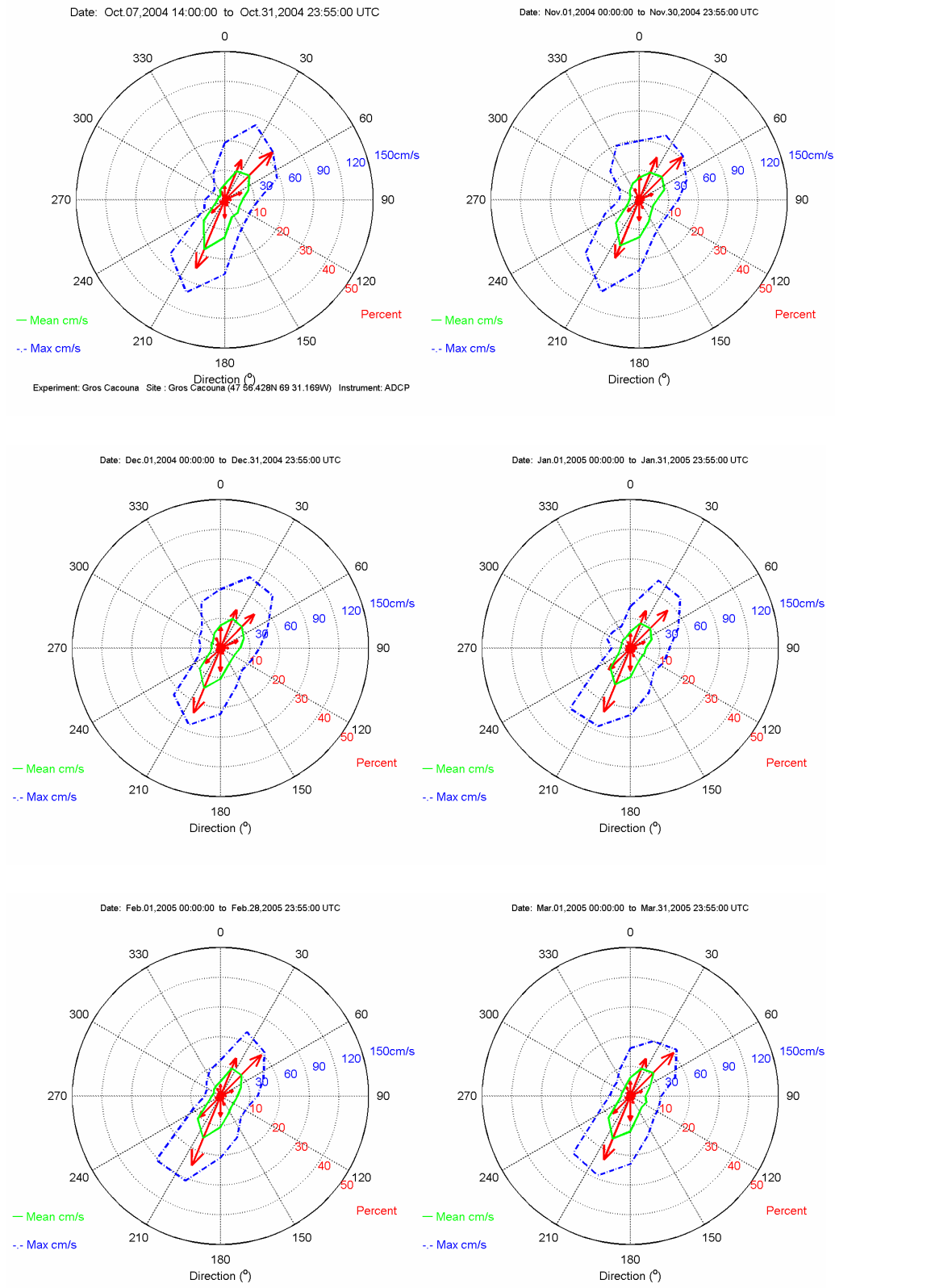
Date: Aug.01,2005 00:00:00 to Aug.31,2005 23:55:00 UTC



Date: Sep.01,2005 00:00:00 to Sep.30,2005 23:55:00 UTC

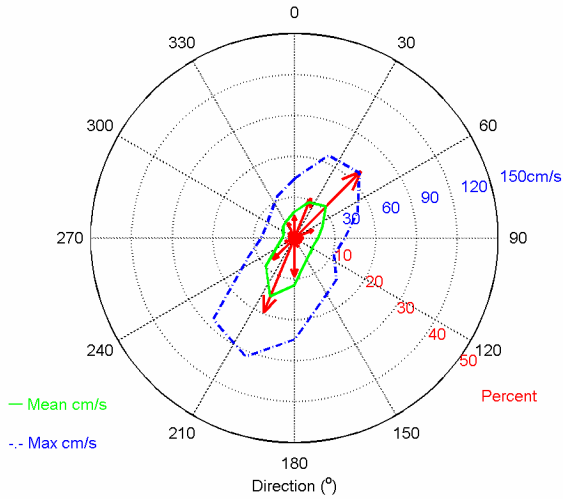


# Near-Bottom

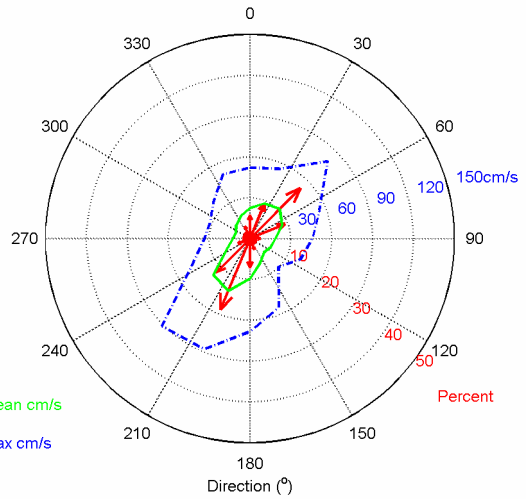




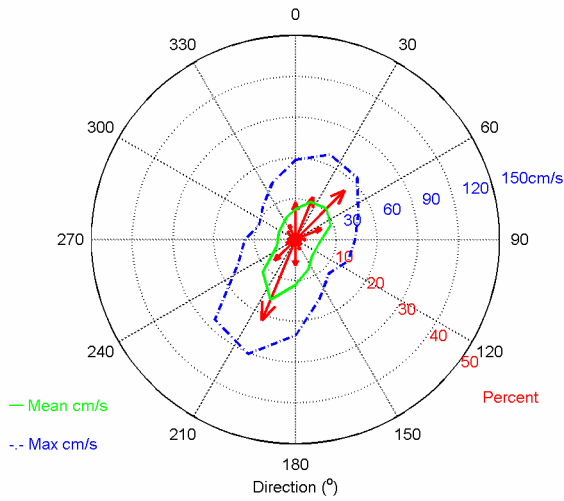
Date: Apr.01,2005 00:00:00 to Apr.30,2005 23:55:00 UTC



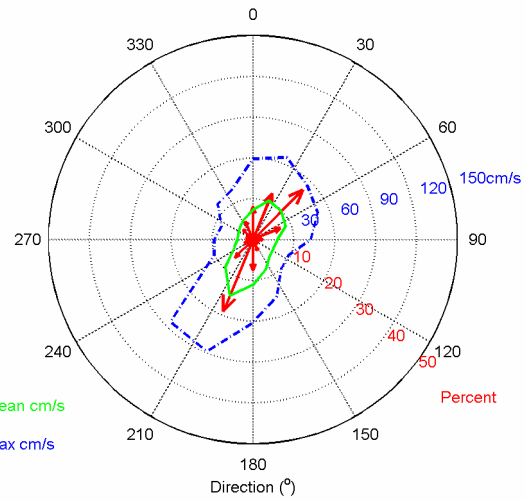
Date: May.01,2005 00:00:00 to May.31,2005 23:55:00 UTC



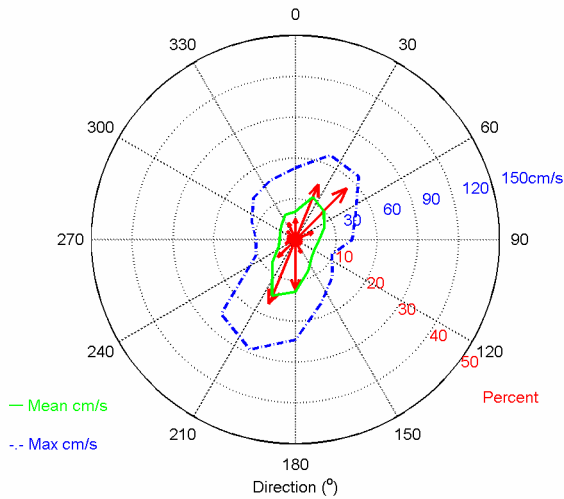
Date: Jun.01,2005 00:00:00 to Jun.30,2005 23:55:00 UTC



Date: Jul.01,2005 00:00:00 to Jul.31,2005 23:55:00 UTC



Date: Aug.01,2005 00:00:00 to Aug.31,2005 23:55:00 UTC



Date: Sep.01,2005 00:00:00 to Sep.30,2005 23:55:00 UTC

