

Ellipse Parameters at LT-B, 1997					
Low-Pass-Filtered ADCP Observations at ~5 m					
Month	No. of Points	Major Axis (cm/s)	Major Axis (cm/s)	Major Orientation (degrees)	Ellipticity
1	No Data				
2	No Data				
3	No Data				
4	No Data				
5	No Data				
6	No Data				
7	No Data				
8	No Data				
9	No Data				
10	28	5.46	0.90	332	0.84
11	107	7.82	1.74	332	0.78
12	115	5.79	1.88	332	0.68
All Year	250	6.82	1.74	332	0.74

Ellipse Parameters at LT-B, 1998					
Low-Pass-Filtered ADCP Observations at ~5 m					
Month	No. of Points	Major Axis (cm/s)	Major Axis (cm/s)	Major Orientation (degrees)	Ellipticity
1	124	8.36	2.23	337	0.73
2	112	7.77	1.90	332	0.76
3	113	8.78	2.91	344	0.67
4	120	8.83	2.82	339	0.68
5	124	7.62	3.84	336	0.50
6	109	13.00	3.31	341	0.75
7	124	4.54	2.13	312	0.53
8	124	5.50	2.59	326	0.53
9	113	7.93	1.97	345	0.75
10	120	9.66	2.36	328	0.76
11	109	6.91	1.23	327	0.82
12	124	6.53	1.25	325	0.81
All Year	1416	9.45	2.75	334	0.71

Ellipse Parameters at LT-B, 1999					
Low-Pass-Filtered ADCP Observations at ~5 m					
Month	No. of Points	Major Axis (cm/s)	Major Axis (cm/s)	Major Orientation (degrees)	Ellipticity
1	101	7.63	1.76	328	0.77
2	101	8.49	2.44	332	0.71
3	124	11.70	2.31	335	0.80
4	109	9.54	2.85	336	0.70
5	116	8.82	3.26	344	0.63
6	109	3.76	2.41	345	0.36
7	124	4.86	2.68	356	0.45
8	113	6.23	2.02	342	0.68
9	107	11.13	3.30	338	0.70
10	124	7.62	2.41	340	0.68
11	109	7.70	1.53	331	0.80
12	124	7.61	1.47	328	0.81
All Year	1361	9.37	2.64	335	0.72

Ellipse Parameters at LT-B, 2000					
Low-Pass-Filtered ADCP Observations at ~5 m					
Month	No. of Points	Major Axis (cm/s)	Major Axis (cm/s)	Major Orientation (degrees)	Ellipticity
1	124	9.74	1.50	328	0.85
2	127	6.71	1.65	338	0.75
3	172	8.56	2.15	338	0.75
4	97	9.16	2.14	344	0.77
5	113	8.38	3.17	343	0.62
6	120	6.98	2.41	335	0.65
7	124	7.30	2.09	346	0.71
8	124	8.87	3.41	331	0.62
9	109	6.41	3.11	343	0.51
10	124	7.81	1.32	351	0.83
11	113	6.16	0.98	351	0.84
12	97	8.01	1.37	345	0.83
All Year	1444	8.47	2.65	338	0.69

Ellipse Parameters at LT-B, 2001					
Low-Pass-Filtered ADCP Observations at ~5 m					
Month	No. of Points	Major Axis (cm/s)	Major Axis (cm/s)	Major Orientation (degrees)	Ellipticity
1	124	4.71	1.25	336	0.74
2	68	7.14	2.47	332	0.65
3	102	8.81	1.62	326	0.82
4	98	5.90	2.11	338	0.64
5	139	7.45	2.96	338	0.60
6	164	4.25	2.43	341	0.43
7	124	4.19	2.12	351	0.49
8	124	3.87	2.29	337	0.41
9	120	4.87	1.93	357	0.60
10	113	4.97	2.58	347	0.48
11	109	6.34	1.43	340	0.78
12	54	5.02	1.43	338	0.72
All Year	1339	7.38	2.43	334	0.67

Ellipse Parameters at LT-B, 2002					
Low-Pass-Filtered ADCP Observations at ~5 m					
Month	No. of Points	Major Axis (cm/s)	Major Axis (cm/s)	Major Orientation (degrees)	Ellipticity
1	No Data				
2	73	5.94	1.73	346	0.71
3	102	6.37	1.58	343	0.75
4	96	6.24	2.35	338	0.62
5	113	9.27	2.32	334	0.75
6	120	9.14	2.76	328	0.70
7	124	5.88	2.01	325	0.66
8	124	6.88	2.23	339	0.68
9	120	8.74	2.41	338	0.72
10	103	8.49	2.43	343	0.71
11	87	6.35	1.59	338	0.75
12	100	8.26	1.72	332	0.79
All Year	1162	7.91	2.41	334	0.69

Ellipse Parameters at LT-B, 2003					
Low-Pass-Filtered ADCP Observations at ~5 m					
Month	No. of Points	Major Axis (cm/s)	Major Axis (cm/s)	Major Orientation (degrees)	Ellipticity
1	87	7.20	1.47	333	0.80
2	87	4.92	1.49	331	0.70
3	124	6.20	1.93	344	0.69
4	90	7.06	2.97	327	0.58
5	53	6.97	2.78	339	0.60
6	112	4.40	2.62	333	0.40
7	124	5.78	2.22	349	0.62
8	124	5.57	1.99	336	0.64
9	104	5.35	2.75	343	0.48
10	124	10.14	2.87	332	0.72
11	98	7.62	1.46	327	0.81
12	13	8.61	0.76	326	0.91
All Year	1140	8.11	2.62	335	0.68