

Ellipse Parameters at LT-B, 1997					
Low-Pass-Filtered ADCP Observations at ~17 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	4.79	0.69	330	0.86
11	120	6.40	2.18	324	0.66
12	124	6.87	1.06	330	0.85
All Year	272	6.48	1.70	328	0.74

Ellipse Parameters at LT-B, 1998					
Low-Pass-Filtered ADCP Observations at ~17 m					
Month	No. of Points	Major Axis (cm/s)	Major Axis (cm/s)	Major Orientation (degrees)	Ellipticity
1	124	6.48	2.05	327	0.68
2	112	5.73	2.04	331	0.64
3	113	5.39	3.00	310	0.44
4	120	5.52	2.35	310	0.57
5	124	4.86	2.16	316	0.56
6	109	3.05	2.14	306	0.30
7	124	2.00	1.55	341	0.22
8	124	1.90	1.54	273	0.19
9	113	2.64	2.42	253	0.08
10	120	6.86	2.45	308	0.64
11	120	5.14	1.81	317	0.65
12	124	6.04	1.34	319	0.78
All Year	1427	5.28	2.42	321	0.54

Ellipse Parameters at LT-B, 1999					
Low-Pass-Filtered ADCP Observations at ~17 m					
Month	No. of Points	Major Axis (cm/s)	Major Axis (cm/s)	Major Orientation (degrees)	Ellipticity
1	124	5.63	1.69	313	0.70
2	101	6.04	2.70	323	0.55
3	124	8.31	2.23	329	0.73
4	109	5.35	2.26	325	0.58
5	119	3.66	2.05	320	0.44
6	120	1.63	1.07	277	0.35
7	124	2.11	1.09	270	0.48
8	124	2.98	2.09	317	0.30
9	107	4.69	3.54	305	0.25
10	124	7.10	1.66	315	0.77
11	120	6.34	1.57	321	0.75
12	124	6.97	1.43	327	0.79
All Year	1420	5.59	2.34	323	0.58

Ellipse Parameters at LT-B, 2000					
Low-Pass-Filtered ADCP Observations at ~17 m					
Month	No. of Points	Major Axis (cm/s)	Major Axis (cm/s)	Major Orientation (degrees)	Ellipticity
1	124	9.51	1.19	327	0.87
2	156	5.13	1.74	326	0.66
3	184	6.69	2.14	327	0.68
4	120	6.35	2.43	315	0.62
5	112	4.46	2.63	301	0.41
6	120	4.69	1.95	310	0.58
7	124	2.57	1.69	318	0.35
8	124	5.00	1.52	321	0.70
9	109	3.46	2.36	309	0.32
10	124	6.67	1.81	343	0.73
11	120	5.34	1.24	344	0.77
12	124	6.94	1.52	342	0.78
All Year	1541	5.99	2.28	329	0.62

Ellipse Parameters at LT-B, 2001					
Low-Pass-Filtered ADCP Observations at ~17 m					
Month	No. of Points	Major Axis (cm/s)	Major Axis (cm/s)	Major Orientation (degrees)	Ellipticity
1	124	4.39	1.16	346	0.74
2	79	6.68	2.35	329	0.65
3	124	5.82	2.23	318	0.62
4	108	4.97	2.31	303	0.54
5	140	4.04	2.53	306	0.37
6	170	3.05	1.55	310	0.49
7	124	2.07	1.06	295	0.49
8	124	1.67	1.32	300	0.21
9	120	3.09	1.94	310	0.37
10	113	4.49	1.79	320	0.60
11	120	5.24	1.46	325	0.72
12	77	4.80	1.35	334	0.72
All Year	1423	4.55	2.29	326	0.50

Ellipse Parameters at LT-B, 2002					
Low-Pass-Filtered ADCP Observations at ~17 m					
Month	No. of Points	Major Axis (cm/s)	Major Axis (cm/s)	Major Orientation (degrees)	Ellipticity
1	No Data				
2	84	5.45	1.39	329	0.75
3	124	4.96	1.82	327	0.63
4	120	5.45	2.09	313	0.62
5	113	5.51	2.42	318	0.56
6	120	5.29	2.09	309	0.61
7	124	2.19	1.12	283	0.49
8	124	3.11	1.63	309	0.48
9	120	5.40	2.12	314	0.61
10	113	4.11	2.46	310	0.40
11	120	6.75	2.30	328	0.66
12	124	7.07	2.22	331	0.69
All Year	1286	5.25	2.31	321	0.56

Ellipse Parameters at LT-B, 2003					
Low-Pass-Filtered ADCP Observations at ~17 m					
Month	No. of Points	Major Axis (cm/s)	Major Axis (cm/s)	Major Orientation (degrees)	Ellipticity
1	124	7.01	2.24	329	0.68
2	112	5.25	1.45	333	0.72
3	124	5.04	2.28	314	0.55
4	101	5.87	3.08	311	0.47
5	77	4.94	2.46	299	0.50
6	120	2.25	1.56	294	0.31
7	124	1.86	1.39	298	0.25
8	124	1.84	1.16	277	0.37
9	109	2.63	2.21	271	0.16
10	124	5.54	2.71	299	0.51
11	120	5.80	1.59	325	0.73
12	14	10.22	0.62	321	0.94
All Year	1273	5.06	2.53	321	0.50