

Ellipse Parameters at LT-A, 1995					
Low-Pass-Filtered ADCP Observations at ~22 m					
Month	No. of Points	Major Axis (cm/s)	Major Axis (cm/s)	Major Orientation (degrees)	Ellipticity
1	No Data				
2	345	8.92	1.94	277	0.78
3	744	9.16	3.27	280	0.64
4	392	8.98	4.04	279	0.55
5	No Data				
6	No Data				
7	No Data				
8	No Data				
9	No Data				
10	No Data				
11	No Data				
12	No Data				
All Year	1481	9.11	3.44	280	0.62

Ellipse Parameters at LT-A, 1996					
Low-Pass-Filtered ADCP Observations at ~22 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	731	10.32	3.75	289	0.64
11	577	9.52	3.34	289	0.65
12	No Data				
All Year	1308	10.01	3.58	289	0.64

Ellipse Parameters at LT-A, 1997					
Low-Pass-Filtered ADCP Observations at ~22 m					
Month	No. of Points	Major Axis (cm/s)	Major Axis (cm/s)	Major Orientation (degrees)	Ellipticity
1	No Data				
2	395	8.62	3.75	253	0.57
3	744	8.81	3.35	242	0.62
4	720	10.58	5.06	252	0.52
5	744	10.60	5.01	251	0.53
6	706	12.52	4.24	242	0.66
7	744	11.14	3.95	241	0.65
8	744	14.46	4.62	246	0.68
9	704	12.70	5.06	242	0.60
10	740	10.55	4.62	260	0.56
11	720	8.90	4.35	256	0.51
12	744	8.30	3.19	248	0.62
All Year	7705	10.88	4.58	247	0.58

Ellipse Parameters at LT-A, 1998					
Low-Pass-Filtered ADCP Observations at ~22 m					
Month	No. of Points	Major Axis (cm/s)	Major Axis (cm/s)	Major Orientation (degrees)	Ellipticity
1	744	8.95	4.11	256	0.54
2	671	9.21	4.96	264	0.46
3	744	11.05	5.29	278	0.52
4	720	11.02	6.01	276	0.45
5	744	12.32	7.25	281	0.41
6	718	11.87	5.07	271	0.57
7	744	12.72	3.80	282	0.70
8	744	11.07	2.58	273	0.77
9	718	13.06	3.97	281	0.70
10	744	12.06	4.95	278	0.59
11	720	9.82	3.71	268	0.62
12	744	8.84	3.59	264	0.59
All Year	8755	11.10	5.12	276	0.54

Ellipse Parameters at LT-A, 1999					
Low-Pass-Filtered ADCP Observations at ~22 m					
Month	No. of Points	Major Axis (cm/s)	Major Axis (cm/s)	Major Orientation (degrees)	Ellipticity
1	744	9.29	4.24	268	0.54
2	656	9.36	3.80	266	0.59
3	744	9.36	4.62	271	0.51
4	720	9.89	5.33	271	0.46
5	746	10.50	5.38	270	0.49
6	720	11.30	3.01	266	0.73
7	744	11.09	2.47	263	0.78
8	744	12.44	3.72	269	0.70
9	707	11.71	4.74	275	0.60
10	744	11.14	5.40	281	0.52
11	720	8.85	3.86	269	0.56
12	744	8.19	3.16	259	0.61
All Year	8733	10.34	4.41	270	0.57

Ellipse Parameters at LT-A, 2000					
Low-Pass-Filtered ADCP Observations at ~22 m					
Month	No. of Points	Major Axis (cm/s)	Major Axis (cm/s)	Major Orientation (degrees)	Ellipticity
1	744	8.23	4.06	257	0.51
2	693	8.30	3.28	263	0.61
3	744	9.51	3.66	270	0.62
4	720	11.01	5.02	276	0.54
5	742	11.01	5.77	268	0.48
6	720	11.02	5.66	266	0.49
7	744	11.27	3.65	261	0.68
8	744	12.85	4.80	261	0.63
9	824	11.62	4.83	264	0.58
10	1488	8.59	5.29	254	0.38
11	1440	8.27	3.32	262	0.60
12	1483	8.20	3.78	256	0.54
All Year	11086	9.81	4.68	263	0.52

Ellipse Parameters at LT-A, 2001					
Low-Pass-Filtered ADCP Observations at ~22 m					
Month	No. of Points	Major Axis (cm/s)	Major Axis (cm/s)	Major Orientation (degrees)	Ellipticity
1	1488	8.39	3.34	262	0.60
2	972	8.86	4.06	258	0.54
3	744	10.60	4.85	268	0.54
4	720	10.40	4.77	258	0.54
5	768	11.70	5.79	258	0.51
6	720	11.08	4.15	263	0.63
7	742	9.71	3.29	265	0.66
8	744	11.19	3.31	268	0.70
9	720	10.93	4.51	276	0.59
10	741	8.85	5.16	274	0.42
11	720	8.51	3.07	268	0.64
12	741	8.21	3.00	266	0.63
All Year	9820	9.82	4.36	265	0.56

Ellipse Parameters at LT-A, 2002					
Low-Pass-Filtered ADCP Observations at ~22 m					
Month	No. of Points	Major Axis (cm/s)	Major Axis (cm/s)	Major Orientation (degrees)	Ellipticity
1	744	8.61	3.52	266	0.59
2	668	8.74	3.68	265	0.58
3	738	9.69	4.00	266	0.59
4	719	10.61	4.96	269	0.53
5	739	9.15	5.33	273	0.42
6	720	11.54	7.02	278	0.39
7	744	11.92	3.27	265	0.73
8	744	11.89	4.34	266	0.64
9	720	9.80	6.47	268	0.34
10	693	10.42	4.74	269	0.55
11	720	9.24	4.46	266	0.52
12	744	8.95	4.18	267	0.53
All Year	8693	10.16	4.96	269	0.51



Ellipse Parameters at LT-A, 2003					
Low-Pass-Filtered ADCP Observations at ~22 m					
Month	No. of Points	Major Axis (cm/s)	Major Axis (cm/s)	Major Orientation (degrees)	Ellipticity
1	743	9.54	4.43	266	0.54
2	671	9.31	4.03	267	0.57
3	779	10.01	3.81	271	0.62
4	1440	10.77	6.70	273	0.38
5	1236	9.57	5.24	263	0.45
6	720	10.87	3.32	251	0.69
7	744	9.26	3.05	252	0.67
8	744	10.19	3.62	254	0.64
9	716	12.50	4.45	261	0.64
10	31	15.79	3.28	276	0.79
11	No Data				
12	No Data				
All Year	7824	10.24	4.97	263	0.52

Ellipse Parameters at LT-A, 2004					
Low-Pass-Filtered ADCP Observations at ~22 m					
Month	No. of Points	Major Axis (cm/s)	Major Axis (cm/s)	Major Orientation (degrees)	Ellipticity
1	No Data				
2	584	7.89	3.48	275	0.56
3	744	8.39	3.74	275	0.55
4	720	10.43	5.83	278	0.44
5	740	10.65	4.40	272	0.59
6	720	10.59	3.84	267	0.64
7	744	10.75	4.34	266	0.60
8	744	11.04	2.95	268	0.73
9	710	11.91	4.87	275	0.59
10	744	9.63	6.15	277	0.36
11	349	7.94	4.05	265	0.49
12	No Data				
All Year	6799	10.17	4.67	272	0.54

Ellipse Parameters at LT-A, 2005					
Low-Pass-Filtered ADCP Observations at ~22 m					
Month	No. of Points	Major Axis (cm/s)	Major Axis (cm/s)	Major Orientation (degrees)	Ellipticity
1	No Data				
2	463	8.27	4.20	266	0.49
3	744	8.62	4.16	269	0.52
4	720	11.76	6.14	260	0.48
5	737	10.74	9.15	276	0.15
6	720	11.52	7.81	250	0.32
7	744	11.60	4.03	262	0.65
8	744	12.21	3.55	261	0.71
9	654	12.19	4.29	262	0.65
10	744	10.48	5.39	275	0.49
11	720	8.92	5.65	258	0.37
12	744	8.09	4.26	261	0.47
All Year	7734	10.62	5.91	264	0.44

Ellipse Parameters at LT-A, 2006					
Low-Pass-Filtered ADCP Observations at ~22 m					
Month	No. of Points	Major Axis (cm/s)	Major Axis (cm/s)	Major Orientation (degrees)	Ellipticity
1	744	8.32	4.43	264	0.47
2	181	9.91	5.39	265	0.46
3	No Data				
4	No Data				
5	No Data				
6	No Data				
7	No Data				
8	No Data				
9	No Data				
10	No Data				
11	No Data				
12	No Data				
All Year	925	8.65	4.65	264	0.46