

Ellipse Parameters at LT-A, 1995					
Low-Pass-Filtered ADCP Observations at ~15 m					
Month	No. of Points	Major Axis (cm/s)	Major Axis (cm/s)	Major Orientation (degrees)	Ellipticity
1	No Data				
2	345	9.37	2.34	274	0.75
3	744	9.66	4.05	272	0.58
4	392	9.49	4.46	267	0.53
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	9.55	4.14	272	0.57

Ellipse Parameters at LT-A, 1996					
Low-Pass-Filtered ADCP Observations at ~15 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	10.80	4.58	276	0.58
11	577	9.15	4.37	271	0.52
12	No Data				
All Year	1308	10.14	4.51	274	0.56

Ellipse Parameters at LT-A, 1997					
Low-Pass-Filtered ADCP Observations at ~15 m					
Month	No. of Points	Major Axis (cm/s)	Major Axis (cm/s)	Major Orientation (degrees)	Ellipticity
1	No Data				
2	395	8.87	3.79	240	0.57
3	744	9.59	3.78	237	0.61
4	720	11.14	5.71	243	0.49
5	744	11.59	5.97	244	0.49
6	706	12.43	7.14	231	0.43
7	744	11.25	4.78	235	0.57
8	744	13.96	6.29	237	0.55
9	700	12.50	6.77	230	0.46
10	739	10.04	5.34	247	0.47
11	720	8.90	4.66	250	0.48
12	744	8.86	3.51	249	0.60
All Year	7700	11.00	5.70	239	0.48

Ellipse Parameters at LT-A, 1998					
Low-Pass-Filtered ADCP Observations at ~15 m					
Month	No. of Points	Major Axis (cm/s)	Major Axis (cm/s)	Major Orientation (degrees)	Ellipticity
1	744	9.66	4.48	250	0.54
2	671	10.14	5.72	260	0.44
3	744	11.81	6.79	266	0.42
4	720	11.63	8.49	264	0.27
5	744	13.48	10.87	273	0.19
6	718	12.77	6.90	267	0.46
7	744	13.60	5.15	275	0.62
8	744	11.95	3.34	261	0.72
9	718	12.26	5.94	270	0.52
10	744	11.28	7.79	266	0.31
11	720	9.61	4.62	251	0.52
12	744	9.51	3.52	255	0.63
All Year	8755	11.53	6.94	265	0.40

Ellipse Parameters at LT-A, 1999					
Low-Pass-Filtered ADCP Observations at ~15 m					
Month	No. of Points	Major Axis (cm/s)	Major Axis (cm/s)	Major Orientation (degrees)	Ellipticity
1	744	10.08	4.74	258	0.53
2	656	9.86	3.91	255	0.60
3	744	10.19	5.35	254	0.47
4	720	10.64	6.15	254	0.42
5	746	11.78	8.95	252	0.24
6	720	12.44	5.10	261	0.59
7	744	12.58	3.78	253	0.70
8	744	12.52	6.63	257	0.47
9	707	12.21	7.02	262	0.42
10	744	10.03	6.48	253	0.35
11	720	9.63	3.89	256	0.60
12	744	8.71	3.36	256	0.61
All Year	8733	10.97	5.87	256	0.47

Ellipse Parameters at LT-A, 2000					
Low-Pass-Filtered ADCP Observations at ~15 m					
Month	No. of Points	Major Axis (cm/s)	Major Axis (cm/s)	Major Orientation (degrees)	Ellipticity
1	744	8.61	4.25	255	0.51
2	693	8.85	3.52	259	0.60
3	744	10.09	4.25	261	0.58
4	720	10.70	5.60	267	0.48
5	742	10.90	8.68	257	0.20
6	720	11.90	9.23	252	0.22
7	744	12.10	5.97	252	0.51
8	744	11.57	11.09	233	0.04
9	824	10.67	6.33	253	0.41
10	1488	9.39	5.44	240	0.42
11	1440	8.78	3.63	254	0.59
12	1483	8.64	4.17	250	0.52
All Year	11086	10.02	6.45	254	0.36

Ellipse Parameters at LT-A, 2001					
Low-Pass-Filtered ADCP Observations at ~15 m					
Month	No. of Points	Major Axis (cm/s)	Major Axis (cm/s)	Major Orientation (degrees)	Ellipticity
1	1488	8.83	3.61	253	0.59
2	972	9.36	4.90	250	0.48
3	744	10.08	5.53	259	0.45
4	720	10.75	5.64	251	0.48
5	768	11.63	9.01	247	0.23
6	720	12.18	6.02	257	0.51
7	742	11.39	4.23	258	0.63
8	744	12.62	4.61	264	0.63
9	720	11.79	5.70	262	0.52
10	741	9.52	5.60	258	0.41
11	715	9.39	3.64	256	0.61
12	738	8.95	3.06	257	0.66
All Year	9812	10.48	5.50	257	0.48

Ellipse Parameters at LT-A, 2002					
Low-Pass-Filtered ADCP Observations at ~15 m					
Month	No. of Points	Major Axis (cm/s)	Major Axis (cm/s)	Major Orientation (degrees)	Ellipticity
1	744	9.34	3.20	257	0.66
2	668	9.12	3.65	254	0.60
3	738	10.18	4.02	257	0.61
4	716	10.85	6.12	260	0.44
5	739	10.34	5.99	254	0.42
6	720	11.13	10.27	32	0.08
7	744	11.99	4.26	254	0.64
8	744	11.78	5.09	252	0.57
9	720	9.72	9.18	278	0.06
10	693	10.33	4.92	258	0.52
11	719	9.49	4.71	257	0.50
12	744	9.45	4.73	255	0.50
All Year	8689	10.38	6.24	256	0.40

Ellipse Parameters at LT-A, 2003					
Low-Pass-Filtered ADCP Observations at ~15 m					
Month	No. of Points	Major Axis (cm/s)	Major Axis (cm/s)	Major Orientation (degrees)	Ellipticity
1	743	9.67	4.76	259	0.51
2	669	9.48	4.21	258	0.56
3	779	9.97	4.10	259	0.59
4	1439	10.74	9.42	269	0.12
5	1230	11.08	8.09	257	0.27
6	720	11.62	4.55	249	0.61
7	744	11.77	3.86	250	0.67
8	744	11.58	4.98	246	0.57
9	716	12.74	5.64	257	0.56
10	31	13.65	3.13	266	0.77
11	No Data				
12	No Data				
All Year	7815	11.01	6.68	255	0.39

Ellipse Parameters at LT-A, 2004					
Low-Pass-Filtered ADCP Observations at ~15 m					
Month	No. of Points	Major Axis (cm/s)	Major Axis (cm/s)	Major Orientation (degrees)	Ellipticity
1	No Data				
2	584	8.92	3.42	266	0.62
3	744	8.94	3.68	269	0.59
4	720	11.35	7.27	278	0.36
5	740	10.63	6.42	276	0.40
6	720	11.54	5.48	260	0.53
7	744	10.93	8.91	264	0.18
8	744	11.26	4.30	259	0.62
9	710	12.05	6.34	267	0.47
10	744	9.56	7.11	277	0.26
11	349	8.69	4.09	259	0.53
12	No Data				
All Year	6799	10.56	6.45	268	0.39

Ellipse Parameters at LT-A, 2005					
Low-Pass-Filtered ADCP Observations at ~15 m					
Month	No. of Points	Major Axis (cm/s)	Major Axis (cm/s)	Major Orientation (degrees)	Ellipticity
1	No Data				
2	463	9.52	4.67	253	0.51
3	744	9.78	4.48	255	0.54
4	720	12.70	9.27	251	0.27
5	737	12.01	10.88	24	0.09
6	720	12.92	11.00	37	0.15
7	744	11.66	6.08	262	0.48
8	744	12.49	4.62	258	0.63
9	654	13.27	5.06	256	0.62
10	744	11.01	7.09	263	0.36
11	717	10.11	5.90	250	0.42
12	743	9.14	4.71	250	0.49
All Year	7730	11.35	7.73	254	0.32

Ellipse Parameters at LT-A, 2006					
Low-Pass-Filtered ADCP Observations at ~15 m					
Month	No. of Points	Major Axis (cm/s)	Major Axis (cm/s)	Major Orientation (degrees)	Ellipticity
1	744	9.81	5.23	251	0.47
2	181	10.48	3.90	249	0.63
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	9.95	5.02	250	0.50