

Site A, Ellipse Parameters, 1995
 ADCP, Low-Passed Data, 15 mbs

Month	Points (Points)	Major Axis (cm/s)	Minor Axis (cm/s)	Major Orientation (degrees)	Ellipticity
1	No Data				
2	52	2.14	0.96	350	0.55
3	124	3.42	1.81	338	0.47
4	60	3.81	2.53	349	0.34
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	236	3.62	1.93	344	0.47

Site A, Ellipse Parameters, 1996
 ADCP, Low-Passed Data, 15 mbs

Month	Points (Points)	Major Axis (cm/s)	Minor 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	117	3.9	2.51	324	0.35
11	90	3.93	2.53	17	0.36
12	No Data				
All Year	207	3.73	2.95	340	0.21

Site A, Ellipse Parameters, 1997
 ADCP, Low-Passed Data, 15 mbs

Month	Points (Points)	Major Axis (cm/s)	Minor Axis (cm/s)	Major Orientation (degrees)	Ellipticity
1	No Data				
2	61	2.77	1.08	343	0.61
3	124	3.04	1.76	345	0.42
4	120	5.04	2.21	295	0.56
5	124	4.18	2.15	290	0.49
6	107	5.49	2.11	310	0.62
7	124	3.26	1.82	297	0.44
8	124	4.18	2.49	302	0.4
9	82	4.72	2.95	308	0.38
10	90	4.24	1.84	352	0.57
11	120	4.29	1.65	339	0.62
12	124	3.16	1.43	355	0.55
All Year	1200	4.12	2.49	314	0.39

Site A, Ellipse Parameters, 1998
ADCP, Low-Passed Data, 15 mbs

Month	Points (Points)	Major Axis (cm/s)	Minor Axis (cm/s)	Major Orientation (degrees)	Ellipticity
1	124	4.08	2.31	340	0.43
2	101	5.25	2.69	325	0.49
3	124	6.27	3.82	321	0.39
4	120	7.17	3.75	349	0.48
5	124	10.2	4.91	343	0.52
6	109	4.5	2.99	350	0.34
7	124	3.14	1.61	334	0.49
8	124	2.25	1.37	285	0.39
9	113	4.07	2.36	328	0.42
10	121	7.52	3.33	327	0.56
11	120	4.39	2.12	358	0.52
12	124	3.06	2.07	10	0.32
All Year	1428	5.98	3.18	338	0.47

Site A, Ellipse Parameters, 1999
 ADCP, Low-Passed Data, 15 mbs

Month	Points (Points)	Major Axis (cm/s)	Minor Axis (cm/s)	Major Orientation (degrees)	Ellipticity
1	124	4.14	2.19	341	0.47
2	85	3.29	2.11	317	0.36
3	124	4.5	2.64	1	0.41
4	120	4.85	3.04	346	0.37
5	113	6.85	2.69	349	0.61
6	120	3.67	1.82	314	0.5
7	124	2.24	1.66	292	0.26
8	124	4.82	2.65	349	0.45
9	106	5.97	2.91	350	0.51
10	124	5.7	2.59	352	0.54
11	120	3.23	2.32	347	0.28
12	124	3.32	1.48	7	0.55
All Year	1408	4.63	2.59	346	0.44

Site A, Ellipse Parameters, 2000
 ADCP, Low-Passed Data, 15 mbs

Month	Points (Points)	Major Axis (cm/s)	Minor Axis (cm/s)	Major Orientation (degrees)	Ellipticity
1	124	4.08	1.31	357	0.68
2	105	3.23	1.36	2	0.58
3	124	3.67	2.79	310	0.24
4	120	5.45	2.86	315	0.48
5	114	7.54	2.3	338	0.69
6	120	8.17	2.94	339	0.64
7	124	4.4	1.87	317	0.58
8	124	10.19	3.39	345	0.67
9	109	5.34	2.53	321	0.53
10	124	4.26	2.47	311	0.42
11	120	2.8	2.29	37	0.18
12	124	3.66	1.54	5	0.58
All Year	1432	5.85	2.91	338	0.5

Site A, Ellipse Parameters, 2001
 ADCP, Low-Passed Data, 15 mbs

Month	Points (Points)	Major Axis (cm/s)	Minor Axis (cm/s)	Major Orientation (degrees)	Ellipticity
1	124	2.8	2.24	348	0.2
2	101	4.05	1.76	355	0.57
3	124	5.78	2.46	309	0.57
4	120	5.01	2.09	304	0.58
5	117	8.37	4.51	337	0.46
6	120	5.05	2.94	7	0.42
7	113	3.58	2.5	276	0.3
8	124	3.99	2.26	308	0.43
9	120	4.46	1.86	323	0.58
10	111	4.37	2.77	12	0.37
11	120	2.8	1.67	297	0.4
12	124	2.31	1.95	312	0.16
All Year	1418	4.67	3.16	327	0.32

Site A, Ellipse Parameters, 2002
 ADCP, Low-Passed Data, 15 mbs

Month	Points (Points)	Major Axis (cm/s)	Minor Axis (cm/s)	Major Orientation (degrees)	Ellipticity
1	124	2.52	1.86	293	0.26
2	100	2.91	1.81	354	0.38
3	105	3.44	2.53	3	0.26
4	90	5.77	3.36	310	0.42
5	112	4.17	2.94	348	0.3
6	120	10.01	3.69	348	0.63
7	124	3.38	1.99	302	0.41
8	124	3.73	2.78	272	0.26
9	120	8.41	2.48	342	0.71
10	81	5.06	2.91	309	0.43
11	No Data				
12	No Data				
All Year	1100	5.71	3.25	338	0.43