

Site A, Ellipse Parameters, 1995
 ADCP, Low-Passed Data, 5 mbs

Month	Points (Points)	Major Axis (cm/s)	Minor Axis (cm/s)	Major Orientation (degrees)	Ellipticity
1	No Data				
2	37	5.52	2.53	11	0.54
3	124	6	4.01	6	0.33
4	60	6.07	3.98	341	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	221	6.06	3.94	2	0.35

Site A, Ellipse Parameters, 1996
 ADCP, Low-Passed Data, 5 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	105	4.88	3.74	35	0.23
11	90	5.72	3.51	33	0.39
12	No Data				
All Year	195	5.28	3.73	32	0.29

Site A, Ellipse Parameters, 1997
 ADCP, Low-Passed Data, 5 mbs

Month	Points (Points)	Major Axis (cm/s)	Minor Axis (cm/s)	Major Orientation (degrees)	Ellipticity
1	No Data				
2	61	4.55	3.27	20	0.28
3	124	4.7	3.31	343	0.3
4	120	5.93	3.71	315	0.37
5	124	5.25	3.71	357	0.29
6	107	7.6	3.87	334	0.49
7	124	5.08	3.5	352	0.31
8	124	6.66	4.28	335	0.36
9	82	6.83	4.38	327	0.36
10	84	4.29	2.44	356	0.43
11	120	5.17	2.43	348	0.53
12	115	3.61	1.1	354	0.7
All Year	1185	6.14	3.9	332	0.37

Site A, Ellipse Parameters, 1998
 ADCP, Low-Passed Data, 5 mbs

Month	Points (Points)	Major Axis (cm/s)	Minor Axis (cm/s)	Major Orientation (degrees)	Ellipticity
1	121	5.34	3.18	352	0.4
2	101	6.11	4.02	335	0.34
3	124	7.65	6.27	335	0.18
4	120	10.42	6.58	2	0.37
5	124	12.12	7.16	351	0.41
6	109	7.7	4.24	15	0.45
7	124	3.12	2.79	284	0.1
8	112	2.93	1.78	306	0.39
9	113	4.37	3.41	359	0.22
10	121	7.95	4.35	13	0.45
11	120	5.38	2.87	356	0.47
12	124	3.88	2.94	1	0.24
All Year	1413	7.57	4.72	354	0.38

Site A, Ellipse Parameters, 1999
 ADCP, Low-Passed Data, 5 mbs

Month	Points (Points)	Major Axis (cm/s)	Minor Axis (cm/s)	Major Orientation (degrees)	Ellipticity
1	113	5.04	3.58	358	0.29
2	85	5.1	4	329	0.22
3	124	7.61	4.58	12	0.4
4	109	6.79	5.26	326	0.22
5	113	10.38	4.52	348	0.56
6	120	5.48	3.63	2	0.34
7	124	3.41	2.7	334	0.21
8	124	6.23	3.43	355	0.45
9	106	9.24	4.22	344	0.54
10	124	7.82	4.27	5	0.45
11	120	4.14	3.42	3	0.18
12	124	4.12	2.17	6	0.47
All Year	1386	6.72	4.27	353	0.36

Site A, Ellipse Parameters, 2000
 ADCP, Low-Passed Data, 5 mbs

Month	Points (Points)	Major Axis (cm/s)	Minor Axis (cm/s)	Major Orientation (degrees)	Ellipticity
1	74	4.85	1.8	352	0.63
2	94	4.12	1.97	3	0.52
3	124	6.61	3.95	329	0.4
4	108	6.58	4.78	24	0.27
5	114	8.95	5.15	342	0.42
6	109	12.33	4.22	338	0.66
7	124	7.67	4.83	329	0.37
8	124	11.77	5.77	344	0.51
9	109	6.68	3.61	349	0.46
10	124	5.75	2.67	315	0.54
11	120	3.95	3.69	332	0.07
12	112	5.19	3.44	354	0.34
All Year	1336	8.2	4.42	342	0.46

Site A, Ellipse Parameters, 2001
 ADCP, Low-Passed Data, 5 mbs

Month	Points (Points)	Major Axis (cm/s)	Minor Axis (cm/s)	Major Orientation (degrees)	Ellipticity
1	124	3.75	2.88	346	0.23
2	101	5.22	1.85	341	0.65
3	101	6.02	2.37	334	0.61
4	119	7.53	5.26	321	0.3
5	107	10.47	3.92	336	0.63
6	98	5.8	3.63	3	0.37
7	53	4.37	2.17	356	0.5
8	78	5.73	3.57	343	0.38
9	93	7.2	2.96	348	0.59
10	81	6.7	3.46	351	0.48
11	86	5.37	2.82	302	0.48
12	108	3.89	2.91	294	0.25
All Year	1149	6.99	3.7	337	0.47

Site A, Ellipse Parameters, 2002
 ADCP, Low-Passed Data, 5 mbs

Month	Points (Points)	Major Axis (cm/s)	Minor Axis (cm/s)	Major Orientation (degrees)	Ellipticity
1	124	4.03	3.16	331	0.21
2	81	5.37	2.76	17	0.49
3	88	5.26	3.79	227	0.28
4	78	7.93	4.27	341	0.46
5	112	6.62	4.1	356	0.38
6	120	11.89	4	354	0.66
7	124	4.66	4.45	331	0.05
8	124	5.31	4.63	242	0.13
9	120	8.56	4.35	343	0.49
10	70	6.92	4.75	341	0.31
11	No Data				
12	No Data				
All Year	1041	7.42	4.48	350	0.4