

Site A, Ellipse Parameters, 1990
 Point Current Meter, 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	8	7.53	0.75	35	0.9
4	120	5.11	2.9	261	0.43
5	124	8.11	5.52	336	0.32
6	120	5.49	4.12	352	0.25
7	111	3.95	2.47	347	0.37
8	70	9.71	5.3	9	0.45
9	No Data				
10	28	8.1	1.73	12	0.79
11	120	3.89	2.21	18	0.43
12	124	3.58	2.73	12	0.24
All Year	825	5.79	4.42	359	0.24

Site A, Ellipse Parameters, 1991
 Point Current Meter, Low-Passed Data, 5 mbs

Month	Points (Points)	Major Axis (cm/s)	Minor Axis (cm/s)	Major Orientation (degrees)	Ellipticity
1	124	4.44	2.56	7	0.42
2	112	3.42	2.47	18	0.28
3	124	4.89	3.93	26	0.2
4	120	6.73	4.18	354	0.38
5	124	4.78	3.97	238	0.17
6	107	7.15	6.71	250	0.06
7	124	4.09	3.41	261	0.17
8	124	8.73	4.56	349	0.48
9	88	3.98	3.52	4	0.12
10	No Data				
11	No Data				
12	No Data				
All Year	1047	6	4.47	353	0.26

Site A, Ellipse Parameters, 1992
 Point Current Meter, Low-Passed Data, 5 mbs

Month	Points (Points)	Major Axis (cm/s)	Minor Axis (cm/s)	Major Orientation (degrees)	Ellipticity
1	No Data				
2	67	2.97	1.37	346	0.54
3	124	4.35	2.11	1	0.51
4	120	8.19	4.67	328	0.43
5	124	10.69	6.26	357	0.41
6	107	9.4	3.84	0	0.59
7	124	3.44	3.17	338	0.08
8	124	5.42	4.4	338	0.19
9	120	4.42	2.84	32	0.36
10	111	2.71	2.38	14	0.12
11	120	2.79	2.28	21	0.18
12	57	7.36	2.98	8	0.6
All Year	1198	6.88	4.08	350	0.41

Site A, Ellipse Parameters, 1993
 Point Current Meter, 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	56	8.02	4.97	351	0.38
7	124	4.17	3.61	232	0.13
8	124	5.1	4.06	353	0.2
9	120	5.36	4.14	5	0.23
10	111	3.97	3.45	29	0.13
11	120	3.42	2.89	24	0.16
12	124	4.92	2.87	360	0.42
All Year	779	5.2	3.91	358	0.25

Site A, Ellipse Parameters, 1994
 Point Current Meter, Low-Passed Data, 5 mbs

Month	Points (Points)	Major Axis (cm/s)	Minor Axis (cm/s)	Major Orientation (degrees)	Ellipticity
1	124	4.36	2.07	8	0.52
2	97	3.32	2.63	12	0.21
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	221	3.94	2.36	9	0.4

Site A, Ellipse Parameters, 1995
 Point Current Meter, Low-Passed Data, 5 mbs

Month	Points (Points)	Major Axis (cm/s)	Minor Axis (cm/s)	Major Orientation (degrees)	Ellipticity
1	No Data				
2	51	2.29	1.71	338	0.26
3	124	4.65	3.31	337	0.29
4	120	4.66	3.31	346	0.29
5	124	7.38	3.38	346	0.54
6	107	3.78	1.76	324	0.53
7	124	3.1	1.82	347	0.41
8	124	8.69	2.91	353	0.67
9	50	3.52	2.53	7	0.28
10	124	6.87	4.01	10	0.42
11	120	4.9	2.58	2	0.47
12	37	3.18	1.39	345	0.56
All Year	1105	5.86	3.1	350	0.47

Site A, Ellipse Parameters, 1996
 Point Current Meter, Low-Passed Data, 5 mbs

Month	Points (Points)	Major Axis (cm/s)	Minor Axis (cm/s)	Major Orientation (degrees)	Ellipticity
1	No Data				
2	56	6.06	2.72	16	0.55
3	124	5.52	3.02	352	0.45
4	120	6.67	4.74	8	0.29
5	124	5.83	3.18	336	0.46
6	107	6.98	5.25	353	0.25
7	124	6.23	4.1	2	0.34
8	124	8.13	4.74	4	0.42
9	117	11.25	5.8	345	0.48
10	114	5.08	3.98	11	0.22
11	120	5.62	2.97	14	0.47
12	124	6.71	4.6	334	0.31
All Year	1254	7.11	4.56	351	0.36

Site A, Ellipse Parameters, 1997
 Point Current Meter, Low-Passed Data, 5 mbs

Month	Points (Points)	Major Axis (cm/s)	Minor Axis (cm/s)	Major Orientation (degrees)	Ellipticity
1	67	4.16	1.98	360	0.52
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	No Data				
11	No Data				
12	No Data				
All Year	67	4.16	1.98	360	0.52