

Site A, Ellipse Parameters, 1990  
 Point Current Meter, Hourly Averaged Data, 5 mbs

Month	Points (Hours)	Major Axis (cm/s)	Minor Axis (cm/s)	Major Orientation (degrees)	Ellipticity
1	No Data				
2	No Data				
3	83	9.93	5.11	244	0.49
4	720	9.7	5.32	261	0.45
5	744	11.77	10.52	307	0.11
6	720	8.13	7.62	305	0.06
7	732	7.49	6.79	289	0.09
8	453	11.46	9.66	12	0.16
9	No Data				
10	201	9.93	6.96	32	0.3
11	720	8.11	4.22	249	0.48
12	744	8.48	4.3	258	0.49
All Year	5117	9.06	7.77	259	0.14

Site A, Ellipse Parameters, 1991  
 Point Current Meter, Hourly Averaged Data, 5 mbs

Month	Points (Hours)	Major Axis (cm/s)	Minor Axis (cm/s)	Major Orientation (degrees)	Ellipticity
1	744	8.22	4.94	253	0.4
2	669	7.68	3.82	251	0.5
3	744	9.87	5.89	245	0.4
4	720	11.09	8.63	255	0.22
5	744	8.96	8	270	0.11
6	713	10.64	9.48	272	0.11
7	744	7.43	7.08	274	0.05
8	744	11.4	8.74	333	0.23
9	563	8.59	6.64	252	0.23
10	No Data				
11	No Data				
12	No Data				
All Year	6385	9.14	8.16	258	0.11

Site A, Ellipse Parameters, 1992  
 Point Current Meter, Hourly Averaged Data, 5 mbs

Month	Points (Hours)	Major Axis (cm/s)	Minor Axis (cm/s)	Major Orientation (degrees)	Ellipticity
1	No Data				
2	433	8.17	3.75	249	0.54
3	744	8.01	4.68	246	0.42
4	720	10.77	9.09	284	0.16
5	744	13.14	12.57	317	0.04
6	709	11.37	10.25	359	0.1
7	744	9.82	7	287	0.29
8	744	8.27	7.09	299	0.14
9	720	8.85	7.4	262	0.16
10	734	7.58	4.06	253	0.46
11	720	7.63	3.8	252	0.5
12	374	8.05	6.4	37	0.21
All Year	7386	9.26	8.56	273	0.08

Site A, Ellipse Parameters, 1993  
 Point Current Meter, Hourly Averaged Data, 5 mbs

Month	Points (Hours)	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	368	11.6	9.36	280	0.19
7	744	9.93	9.04	294	0.09
8	744	9.43	7.34	303	0.22
9	720	9.98	8.11	274	0.19
10	735	10.55	5.56	260	0.47
11	720	8.51	4.05	257	0.52
12	744	8.93	5.35	254	0.4
All Year	4775	9.63	7.59	269	0.21

Site A, Ellipse Parameters, 1994  
 Point Current Meter, Hourly Averaged Data, 5 mbs

Month	Points (Hours)	Major Axis (cm/s)	Minor Axis (cm/s)	Major Orientation (degrees)	Ellipticity
1	744	8.11	4.69	254	0.42
2	661	8.56	3.89	255	0.54
3	21	9.94	0.94	251	0.91
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	1426	8.36	4.31	255	0.48

Site A, Ellipse Parameters, 1995  
 Point Current Meter, Hourly Averaged Data, 5 mbs

Month	Points (Hours)	Major Axis (cm/s)	Minor Axis (cm/s)	Major Orientation (degrees)	Ellipticity
1	No Data				
2	340	8.11	2.79	261	0.66
3	744	9.45	6.07	259	0.36
4	720	10.5	6.9	255	0.34
5	744	9.97	8.88	273	0.11
6	709	9.3	6.04	260	0.35
7	744	11.18	5.55	248	0.5
8	744	10.11	9.37	10	0.07
9	366	8.27	5.27	245	0.36
10	744	10.39	7.68	238	0.26
11	720	8.5	5.49	248	0.35
12	256	6.4	3.8	265	0.41
All Year	6831	9.58	7.28	252	0.24

Site A, Ellipse Parameters, 1996  
 Point Current Meter, Hourly Averaged Data, 5 mbs

Month	Points (Hours)	Major Axis (cm/s)	Minor Axis (cm/s)	Major Orientation (degrees)	Ellipticity
1	No Data				
2	370	9.79	5.78	242	0.41
3	744	8.52	6	245	0.3
4	720	10.35	8.5	244	0.18
5	744	11.34	9.54	281	0.16
6	708	9.37	8.77	337	0.06
7	744	10.46	9.53	296	0.09
8	744	9.91	7.89	13	0.2
9	720	12.38	11.29	332	0.09
10	732	9.14	6.1	234	0.33
11	720	8.69	4.89	231	0.44
12	744	9.51	7.58	240	0.2
All Year	7690	9.63	8.85	241	0.08

Site A, Ellipse Parameters, 1997  
 Point Current Meter, Hourly Averaged Data, 5 mbs

Month	Points (Hours)	Major Axis (cm/s)	Minor Axis (cm/s)	Major Orientation (degrees)	Ellipticity
1	433	7.66	4.29	238	0.44
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	433	7.66	4.29	238	0.44