

### Anomalous Data

Species and total weights for Samples 161 and 162, which were collected immediately after Hurricane Hugo, were measured with spring scales (not the electronic balance) because of the lack of electricity. The spring scales appeared to stick and were probably not very accurate, especially for sample 162.

Mugil cephalus abundance (32,000) and biomass (486,400 grams) values for November 22, 2000 sample 437 are unusually high, but the numbers are correct. There was a huge striped mullet catch that day; 35 5-gallon buckets of primarily large striped mullet were released in the field. Three buckets were worked up in the laboratory; estimates should be close to the actual values.

White shrimp catch data for March 29, 1991 and April 27, 1999 for samples 198 and 398, respectively, are anomalous readings. For Sample 198, both replicate samples list the species code number to be 3 (white shrimp). Either this could be due to the technician entering the wrong code into the FMB, or there may have been over-wintering individuals that remained in the estuary. The same holds true for the white shrimp data in April 1999.

See below for comments about the sampling collection(s) and procedures for other anomalous data. If there are no comments for the collection date/sample number then it can be assumed that the tide was at an average low level, the weather was good, and no noteworthy events took place.

#### Sample collection number, date of collection, and comments

1	04/15/1983	Two seine hauls combined as one sample at 2 sites, OA & OB; no blocknets
2	04/28/1983	Two seine hauls combined as one sample at 2 sites, OA & OB; no blocknets
3	05/12/1983	Two seine hauls combined as one sample at 2 sites, OA & OB; no blocknets
4	05/26/1983	Two seine hauls combined as one sample at 2 sites, OA & OB; no blocknets
5	06/10/1983	Two seine hauls combined as one sample at 2 sites, OA & OB; no blocknets
6	06/24/1983	Two seine hauls combined as one sample at 2 sites, OA & OB; no blocknets
7	07/11/1983	Two seine hauls combined as one sample at 2 sites, OA & OB; no blocknets
8	07/26/1983	Two seine hauls combined as one sample at 2 sites, OA & OB; no blocknets
9	08/09/1983	Two seine hauls combined as one sample at 2 sites, OA & OB; no blocknets
10	08/24/1983	Two seine hauls combined as one sample at 2 sites, OA & OB; no blocknets
11	09/08/1983	Two seine hauls combined as one sample at 2 sites, OA & OB; no blocknets
12	09/23/1983	Two seine hauls combined as one sample at 2 sites, OA & OB; no blocknets
13	10/07/1983	Two seine hauls combined as one sample at 2 sites, OA & OB; no blocknets. Poor low tide.
14	10/24/1983	Two seine hauls combined as one sample at 2 sites, OA & OB; no blocknets. Rain 10/23/83.
15	11/07/1983	Two seine hauls combined as one sample at 2 sites, OA & OB; no blocknets
16	11/18/1983	Two seine hauls combined as one sample at 2 sites, OA & OB; no blocknets
17	12/05/1983	Two seine hauls combined as one sample at 2 sites, OA & OB; no blocknets
18	12/20/1983	Two seine hauls combined as one sample at 2 sites, OA & OB; no blocknets
19	01/04/1984	Two seine hauls combined as one sample at 2 sites, OA & OB; no blocknets
20	01/18/1984	Two seine hauls combined as one sample at 2 sites, OA & OB; no blocknets
21	02/02/1984	Two seine hauls combined as one sample at 2 sites, OA & OB; no blocknets
22	02/17/1984	Two seine hauls combined as one sample at 2 sites, OA & OB; no blocknets. Freshwater running out hard from forest.
23	03/02/1984	Two seine hauls combined as one sample at 2 sites, OA & OB; no blocknets
24	03/19/1984	Two seine hauls combined as one sample at 2 sites, OA & OB; no blocknets
25	04/02/1984	Two seine hauls combined as one sample at 2 sites, OA & OB; no blocknets
26	04/16/1984	Two seine hauls combined as one sample at 2 sites, OA & OB; no blocknets
27	05/01/1984	OA is now called OL site; began new protocol with two seine hauls handled as replicates and processed separately as OLI and OLII or OL1 and OL2; blocknet useage started; OB site dropped; First Depletion/Efficiency Study - an additional 12 seine hauls for a total of 14 were made.
28	05/14/1984	Very Low Tide; pluff mud filled net in OLI
29	05/30/1984	Solar eclipse
30	06/13/1984	First sample after removing snag from pool.
31	06/28/1984	Lots of rain; tide running out hard
32	07/12/1984	Depletion/Efficiency Study -an additional 13 seine hauls made for a total of 15; blocknets in use
33	07/27/1984	

34	08/10/1984	
35	08/28/1984	
36	09/10/1984	Gator in both hauls. Hurricane Diana SE of Brunswick Georgia.
37	09/24/1984	Depletion/Efficiency Study - an additional 13 seine hauls made for a total of 15; blocknets in use
38	10/09/1984	Very high low tide; only 18 inches below <i>Spartina</i> grass line.
39	10/24/1984	
40	11/08/1984	
41	11/26/1984	Severe weather; very high low tides; ENE winds from 11/20 through 11/27; no sample
42	12/07/1984	Depletion/Efficiency Study - an additional 13 seine hauls made for a total of 15; blocknets in use Overnight hard freeze
43	12/21/1984	
44	01/07/1985	
45	01/21/1985	Severe cold; ice on marsh; zero catch in pool
46	02/06/1985	Rain prior to sample collections
47	02/20/1985	Rain last night and this morning.
48	03/07/1985	Depletion/Efficiency Study - an additional 13 seine hauls made for a total of 15; blocknets in use
49	03/22/1985	Rained for 24 hours prior to sampling. About 8 to 10 inches of silt on bottom around deepest part of pool.
50	04/04/1985	Silt and mucky about 6 to 8 inches on bottom in deepest part of pool. Hole in sampling net.
51	04/17/1985	Net mended prior to sampling. Slight bit of rain 2 days prior to sample.
52	05/02/1985	
53	05/20/1985	
54	06/02/1985	
55	06/17/1985	About 4 inches of rain over past two days
56	07/01/1985	Gator in OLI (removed) Depletion/Efficiency Study - an additional 13 seine hauls made for a total of 15; blocknets in use
57	07/17/1985	Raining during sampling.
58	07/31/1985	Raining during sampling; heavy during OLII. Rained past 7 days with mostly afternoon showers.
59	08/14/1985	Excellent Low tide
60	08/28/1985	
61	09/16/1985	Strong NE winds past 6 days; tides delayed and high tides. Tide did not go out 9/12, the scheduled sampling date. Unusual cool nights and days over last week. Depletion/Efficiency Study postponed
62	09/30/1985	Depletion/Efficiency Study postponed. Hurricane Gloria was due to hit during the regular sampling date of 9/26.
63	10/14/1985	Depletion/Efficiency Study-an additional 13 seine hauls made for a total of 15; blocknets in use Tide 2 hours delayed and tide still ripping out during sampling. Black flies and gnats horrible!
64	11/01/1985	Highest low tide seen in about one year. Raining today and past 2 to 3 days.
65	11/13/1985	Tide about 1.5 hours late. Rain past 5 days. On 11/10 over 4 inches of rain in 24 hours.
66	11/26/1985	First Use of Wooden tide staff; placed out between ebbside side block net poles. Tide still ebbing.
67	12/10/1985	Depletion/Efficiency Study-an additional 13 seine hauls made for a total of 15; blocknets in use
68	12/21/1985	Good low tide.
69	01/09/1986	
70	01/24/1986	
71	02/10/1986	Ebbing current strong and fast. High low tide.
72	02/24/1986	
73	03/10/1986	
74	03/25/1986	Depletion/Efficiency Study-an additional 13 seine hauls made for a total of 15; blocknets in use
75	04/08/1986	
76	04/24/1986	
77	05/07/1986	No rain past two weeks; hot dry spring.
78	05/22/1986	
79	06/05/1986	
80	06/20/1986	
81	07/07/1986	
82	07/21/1986	Water temperature very hot, 38 degrees C.
83	08/04/1986	Raining hard during sampling
84	08/19/1986	Visitors pulled first seine haul; brief rains off and on all week.
85	09/03/1986	Sunny after many days of rain; unseasonably cool, rainy weather

86	09/18/1986	Sampling postponed 1 day due to poor tides and strong NE winds
87	10/02/1986	
88	10/15/1986	Lots of rain (downpour) several days prior to sampling; tide still ebbing; lots of rack in pool.
89	11/03/1986	Wooden tide staff broken; Began Dissolved Oxygen measurements using Titration method No Block nets used; was a very high low tide and tide still moving out strong and swift
90	11/17/1986	Began using meter stick at old staff position to measure water level subtract 10 cm to get close to original staff measurements
91	12/03/1986	Sunny day after days of rain and high tides. Sampling delayed one day because of tides and winds. Hugest high tide seen in years on 12/1/86. Pounds of <i>Spartina</i> rack floating in pool; was removed before sampling the pool.
92	12/16/1986	School of <i>Fundulus</i> was observed escaping around blocknet pole during OLI.
93	12/31/1986	
94	01/14/1987	
95	01/29/1987	Tide still ebbing out; high low tide
96	02/13/1987	
97	02/27/1987	Cold, raining, windy; a very high low tide.
98	03/16/1987	School of <i>Fundulus</i> was observed escaping out of pool downstream.
99	03/30/1987	Lots of rack in pool.
100	04/14/1987	Raining; great low tide
101	04/28/1987	
102	05/12/1987	Great Egret ate a few large spot and mullet out of OLI buckets
103	05/27/1987	
104	06/10/1987	
105	06/24/1987	Depletion/Efficiency + Rotenone Study - an additional 13 seine hauls made for a total of 15 + Rotenone application; blocknets in use.
106	07/09/1987	Hot water, about 36 degrees C.
107	07/23/1987	
108	08/07/1987	
109	08/24/1987	Rainy, coolish, windy; Hurricane coming
110	09/08/1987	High low tide
111	09/22/1987	Pool filled with mucky pluff mud
112	10/07/1987	
113	10/21/1987	New bag seine in use today; net very white and visible.
114	11/05/1987	Not a great low tide
115	11/20/1987	
116	12/07/1987	Had to resample OLI; lead line was flipped over float line. Coastal Carolina Students helping.
117	12/21/1987	Buggy, breezy, rainy day
118	01/05/1988	Cold, clear water
119	01/19/1988	Not a good low tide; tide still ebbing out. A breezy foggy cold day.
120	02/03/1988	Not a great low tide. A breezy, drizzly, cold day.
121	02/17/1988	Depletion/Efficiency + Rotenone Study delayed
122	03/02/1988	
123	03/16/1988	Depletion/Efficiency + Rotenone Study - an additional 13 seine hauls made for a total of 15 + Rotenone application; blocknets in use. End of Efficiency project.
124	03/31/1988	
125	04/15/1988	Not a good low tide; tide whipping out strong. Over 1.5 inches of rain 2 days ago.
126	04/28/1988	Sloppy net pullers; missed some young-of-year spot.
127	05/16/1988	Lots of rain 3 days ago
128	05/30/1988	
129	06/13/1988	
130	06/28/1988	Downpouring rain 2 days before sampling. More mullet than normal probably escaped due to summer student "first-timers" pulling net.
131	07/13/1988	Rainy, breezy.
132	07/28/1988	Inexperienced net pullers; abundance not representative. Just rained like hell.
133	08/10/1988	
134	08/25/1988	Great low tide.
135	09/08/1988	Not a great low tide. Rainy last several days.
136	09/23/1988	For this sample only, data workup for OLI extrapolated from OLI.

137	10/06/1988	Bad low tide; tide still ebbing out.
138	10/24/1988	Not a great low.
139	11/09/1988	
140	11/22/1988	Cold, bad low tide; strong NE wind to 16 mph gusts.
141	12/08/1988	
142	12/21/1988	Clear water; great water visibility
143	01/06/1989	Water clear and cold. Strong NE winds past two days.
144	01/20/1989	Raining.
145	02/06/1989	Not a good low tide.
146	02/20/1989	Rained over weekend and was very cold and windy; wind chills in 20s degrees F.
147	03/07/1989	Not a good low tide.
148	03/21/1989	One block net pole missing
149	04/04/1989	
150	04/19/1989	Tide still going out.
151	05/04/1989	
152	05/18/1989	Lots of mud and tons of detritus in sample net.
153	06/02/1989	Subsampled OLI and OLII. Great low tide.
154	06/16/1989	Great low tide.
155	06/30/1989	Lengths from OLII were taken for those species in OLI that had only between 15 and 30 lengths. Abundance and weights for OLII species are not subsampled. Not a good low tide; rain downpours yesterday and last night. Tons of detritus in both hauls.
156	07/17/1989	OLII subsampled for species abundances and weights and lengths for those species in OLI that had only between 15 and 30 lengths. Not a good low tide.
157	08/01/1989	Subsampled part of OLI and all of OLII. Not a good low tide. Gator in OLI; the end of Sue's ring finger bitten off.
158	08/16/1989	Not a good low tide; big rains 2 to 3 days prior to sampling
159	08/29/1989	Pluff mud knee deep in pool.
160	09/13/1989	Tons of mud and detritus in sample net; took 10 minutes to pull in net. One block net pole missing.
161	09/29/1989	First collection after Hurricane Hugo. Pool scoured out down to hard pan. No pluff mud. No power to get accurate weights for fishes - spring loaded scales used
162	10/13/1989	No electronic scales for weights - spring loaded scales used
163	10/26/1989	Bad, bad low tide; ebbing tide still running out hard. Highest low tide sampled during project. Electronic balance back in use. Two block net poles missing; one on each side.
164	11/13/1989	Rebar placed out in block net positions-at edges of creek banks and oyster reefs
165	11/27/1989	
166	12/12/1989	Poor low tide. Pool starting to silt in again
167	12/22/1989	Cold as hell; poor low tide. Began archiving both fish replicate samples into one single jar.
168	01/10/1990	Not a good low tide.
169	01/26/1990	Cold front came in last night. Clear, cold, breezy weather.
170	02/09/1990	Not a great low tide; windy 15 to 20 mph S
171	02/23/1990	
172	03/12/1990	
173	03/26/1990	No rain last 2 weeks.
174	04/09/1990	
175	04/23/1990	Great low tide.
176	05/07/1990	
177	05/22/1990	Knee deep pluff mud
178	06/05/1990	
179	06/21/1990	Hot, steamy day. 100+ degrees F.
180	07/05/1990	
181	07/19/1990	Great low tide
182	08/03/1990	Great low tide
183	08/20/1990	Poor low tide; tide still ebbing out hard. Thunderstorms and heavy rains this morning.
184	09/04/1990	Poor low tide
185	09/18/1990	Tide delayed one hour and still high, but not ebbing out hard. New 5cm marked PVC water level stick placed out - subtract 20 cm to be consistent with original wooden tide gauge.
186	10/02/1990	Not a good low tide
187	10/17/1990	Poor Low Tide; strong ebbing tide still going out; OLI sample got hung on tree on bottom

188	11/02/1990	OLI sample was hung on tree on bottom
189	11/16/1990	
190	12/03/1990	
191	12/17/1990	
192	12/31/1990	
193	01/17/1991	Lots of rain night before last; poor low tide, tide still ebbing
194	01/31/1991	Began using electronic Fish Measuring Board; raw data files are in digital format. Sample delayed 1 day because of high low tides, was supposed to sample Jan 30.
195	02/15/1991	Gale force winds from WNW; wind chill -4 degrees C.
196	02/28/1991	began using secchi disk
197	03/18/1991	FMB battery dead; nekton processed old way
198	03/29/1991	Gale force winds from south
199	04/15/1991	Estimate of water visibility; no secchi disk
200	04/29/1991	
201	05/13/1991	Estimate of water visibility; no secchi disk
202	05/28/1991	Subsampled OLI; rain and storms while sampling
203	06/11/1991	OLI snagged on bottom; lost lots of fish; OLII subsampled
204	06/25/1991	Subsampled shrimp only for OLI and OLII
205	07/09/1991	Subsampled OLI and OLII and began releasing fish in field and counting the number of buckets released. Weights of buckets were taken when taken into lab for processing. OLI: two-three buckets kept for lab processing; OLII no more than two buckets were kept.
206	07/23/1991	Knee deep flocculant layer on south-side of pool; lots of detritus in net with catch
207	08/07/1991	Knee deep flocculant layer on south-side of pool; lots of detritus in net with catch
208	08/22/1991	Water color very dark tanic; fish and shrimp dark in color; first juvenile snook collected
209	09/05/1991	Several Tarpon in collection; is rare
210	09/20/1991	Cold front came in one day ago, cold, chilly day
211	10/04/1991	
212	10/21/1991	Poor Low tide; tide still ebbing out hard
213	11/04/1991	Still lots of pluff mud
214	11/20/1991	
215	12/04/1991	Great Low tide
216	12/20/1991	Pool really silted in
217	01/03/1992	Sample placed in refrigerator and worked up next day; tide delayed because of heavy rains in morning
218	01/20/1992	Snowed with sleet and rain yesterday; poor low tide; downstream block net missing
219	02/03/1992	
220	02/18/1992	
221	03/03/1992	Large numbers of striped mullet
222	03/17/1992	Subsampled OLI and OLII
223	04/01/1992	
224	04/15/1992	
225	04/29/1992	Cold front two days ago; lots of rain last week
226	05/14/1992	
227	06/01/1992	Had to delay sample one day because of rain; tide never went out; had six inches of rain 2 days prior to this sampling; tide still high and ebbing strongly
228	06/12/1992	Horrible low tide, tide still ebbing; winds strong from NE at 25 mph
229	06/29/1992	OLI and OLII subsampled
230	07/13/1992	OLI subsampled
231	07/28/1992	OLI and OLII subsampled
232	08/11/1992	OLI and OLII subsampled
233	08/26/1992	Snag on stump on OLII
234	09/09/1992	TWO Gators in OLI - net ripped up - no OLII done
235	09/24/1992	Strong NE wind; begin using new ¼ inch bag seine; poor low tide; tide still ebbing out strong
236	10/09/1992	Very poor low tide; tide still ebbing out very strong, could not use blocknets
237	10/23/1992	
238	11/10/1992	
239	11/23/1992	Lots of rain yesterday
240	12/08/1992	
241	12/22/1992	

242	01/08/1993	Poor low tide due to rains; tide still ebbing out hard; black tanic water
243	01/21/1993	
244	02/05/1993	Pied-billed Grebe fishing in pool upon our arrival
245	02/22/1993	
246	03/08/1993	
247	03/23/1993	Nasty rainy, windy day; no blocknets used because of strong ebbing tide
248	04/05/1993	
249	04/19/1993	
250	05/04/1993	Dropped Replicate 2 (OLII) seine haul until end of sampling project in 2003 New NIW-NERR protocol with OLI; only 4 5-gallon buckets will be worked up; rest subsampled
251	05/19/1993	
252	06/02/1993	Lots of rain last night after drought in May
253	06/17/1993	
254	07/01/1993	Research group seining lower part of Oyster Landing all week
255	07/20/1993	Very hot water temperature of 35 degrees C
256	08/02/1993	
257	08/17/1993	Tons of pluff mud in net
258	08/31/1993	
259	09/14/1993	First use of DataSonde water quality instrument for water physical measurements
260	09/27/1993	Roadside of pool has filled in 10 feet; pluff mud over knee deep; strong storm last night
261	10/13/1993	
262	10/28/1993	
263	11/11/1993	Rain for last 2 days and very cold nights
264	11/30/1993	Pluff mud still deep on south side of pool
265	12/14/1993	
266	12/31/1993	New Year's Eve
267	01/11/1994	
268	01/27/1994	Raining
269	02/11/1994	Recent rain has caused water to change to dark brown
270	02/25/1994	
271	03/09/1994	Still over knee deep pluff mud in pool
272	03/28/1994	Still over knee deep pluff mud in pool
273	04/08/1994	
274	04/25/1994	
275	05/09/1994	Removed newly exposed stumps from pool bottom on 4/26/1994
276	05/23/1994	Poor low tide; tide still ebbing
277	06/07/1994	Rainy
278	06/21/1994	Very pronounced thermocline; so much pluff mud, could not bring in net. Lost about one 5-gallon bucket's worth to mud under net.
279	07/06/1994	Lots of thunderstorms over the last two weeks; pluff mud thigh deep
280	07/20/1994	Tropical depression over us now
281	08/04/1994	Crotch deep pluff mud
282	08/18/1994	Began Concurrent High Tide sampling in Intertidal Marsh adjacent to Low Tide intertidal POOL
283	09/02/1994	
284	09/19/1994	High tide sampling tomorrow on 9/20/1994
285	10/04/1994	Poor low tide; much rain and wind yesterday
286	10/18/1994	Over five inches of rain 5 days ago
287	11/03/1994	
288	11/16/1994	Front from Tropical Storm Gordan in Florida, influencing South Carolina now
289	12/02/1994	Pluff mud thick
290	12/16/1994	
291	12/30/1994	Very poor low tide with high winds; 7 to 8 inches of rain one week ago within 2 days time. No blocknets used.
292	01/16/1995	Very poor low tide. No blocknets used because the tide was still ebbing. 2+ inches of rain in less than 24 hour's time over the last day.
293	01/31/1995	Tons of pluff mud and detritus in net; bay, pine, and oak leaves, twigs, acorns, seeds <i>Spartina</i> roots, stems, and pieces, along with large polychaetes, freshwater clams, and eels in net.
294	02/13/1995	Rain this past Friday and Saturday; about 1.5 inches.

295	02/28/1995	Pluff mud surveyed in pool 2/23/1995; result was that about 1/2 of pool volume was filled with mud
296	03/15/1995	New seine in use
297	03/29/1995	
298	04/13/1995	
299	04/27/1995	
300	05/12/1995	Very great Low Tide
301	05/29/1995	
302	06/12/1995	Very Anoxic Bottom waters; Dissolved Oxygen at 1.9 mg/l
303	06/26/1995	Lots of pluff mud and detritus in net
304	07/11/1995	
305	07/25/1995	
306	08/08/1995	
307	08/24/1995	Tide already coming in; poor low tide; three tropical storms coming in from Tropics. Rain last 2 days prior to this sampling
308	09/06/1995	Poor low tide
309	09/22/1995	
310	10/06/1995	Rain wind last 2 days; effects from Hurricane Opal
311	10/23/1995	Net was full of mud, inefficient tow due to mud
312	11/06/1995	
313	11/21/1995	Pluff mud city
314	12/05/1995	
315	12/21/1995	
316	01/03/1996	Great Low Tide
317	01/19/1996	About one inch of rain last night
318	02/02/1996	Six 5-gallon buckets of adult striped mullet released.
319	02/19/1996	
320	03/04/1996	
321	03/19/1996	Major delay in low tide; strong easterly winds this morning
322	04/03/1996	
323	04/15/1996	Great Low Tide
324	05/01/1996	Approximately 43 % of catch released in field
325	05/15/1996	
326	05/30/1996	
327	06/13/1996	Lots of pluff mud; rain last night and early morning
328	06/28/1996	
329	07/13/1996	Day after Hurricane Bertha; 3.5 inches of rain last 24 hours; lots of rack around collection pool.
330	07/29/1996	More than 10 inches of rain last week. Oyster kill! Poor low tide; tons of sediment in creeks.
331	08/12/1996	
332	08/26/1996	
333	09/10/1996	Hurricane Fran last week; strong west winds and lots of rain
334	09/24/1996	Infected mullet in collection
335	10/11/1996	Gator in pool
336	10/23/1996	
337	11/11/1996	
338	11/25/1996	Raining
339	12/10/1996	Poor low tide
340	12/20/1996	Unseasonably cold last night; good low, lots of pluff mud and detritus in collection
341	01/07/1997	Good low
342	01/21/1997	Oyster bar on east side of pool beginning to block channel; DMA moved 2 bushels of oysters
343	02/05/1997	Good low tide
344	02/20/1997	More than 2 inches of rain 1 week ago
345	03/07/1997	Subsampled juvenile spot and grass shrimp from collection
346	03/24/1997	
347	04/07/1997	
348	04/21/1997	
349	05/05/1997	Heavy rains last week; low salinity
350	05/20/1997	
351	06/03/1997	Record cool spell this past 3 to 4 weeks

352 06/19/1997  
 353 07/01/1997 Lot of rain this past weekend  
 354 07/18/1997  
 355 07/31/1997 Heavy rains for past 2 days; runoff from forest; poor low tide  
 356 08/15/1997 Lots of pluff mud; poor efficiency because animals were trapped in mud under and around net.  
 357 08/29/1997 Extremely low tide  
 358 09/15/1997 Good thunderstorm last night and rain 1 hour prior to sampling; tide delayed; poor low tide  
 359 09/29/1997 Approximately 8 inches of rain last 4 days, tide ebbing out hard; very poor low tide  
 360 10/14/1997  
 361 10/29/1997 Cold front moved in last night, low 40s; more than 2 inches of rain last weekend  
 362 11/13/1997 Tide running out hard; horrible low tide; blocknets flopping off of bottom  
 363 11/26/1997  
 364 12/12/1997 Lots of rain past 48 hours; gap between blocknet and side of pool  
 365 12/30/1997 Heavy rains past few days; lots of runoff; blocknets flopping off of bottom  
 366 01/09/1998 4.9 inches of rain over last 2.5 days; water still ebbing hard; high low tide  
 367 01/28/1998 Gale warning in effect; strong ebbing tide, no blocknets; high low tide. El Nino pumping in rain.  
 368 02/09/1998 Silting in of adjacent oyster bed; high mortality observed  
 369 02/25/1998  
 370 03/11/1998 Record low temperatures last night  
 371 03/26/1998  
 372 04/08/1998  
 373 04/23/1998 Great low tide  
 374 05/11/1998 Heavy thunderstorms and rain since 5/8/1998; sampling delay from 5/8 because of lightning  
 375 05/22/1998 Tide delayed because of East winds;  
 subsampled in field; released 1 5-gallon bucket, worked up 1.75 buckets  
 376 06/08/1998 Record low temperature last night; released 3 5-gallon buckets, worked up 2 buckets  
 377 06/22/1998 Record hot temperatures and drought conditions; fish lost in pluff mud; good low tide  
 378 07/07/1998  
 379 07/22/1998 Lost ¼ to ½ 5 gallon bucket off fish in mud; tons of mud in net and blue crabs; hot water, 36C  
 380 08/06/1998  
 381 08/20/1998  
 382 09/04/1998 Hurricane Bonnie north of us 8/26/98; now Hurricane Earl, more than 5 inches of rain past 24 hr  
 383 09/17/1998 Two full buckets released in field  
 384 10/02/1998 Sample delayed 1 hour due to strong NE winds  
 385 10/19/1998 Tide delayed, but super low tide  
 386 11/04/1998  
 387 11/18/1998  
 388 12/03/1998  
 389 12/18/1998  
 390 12/31/1998  
 391 01/15/1999  
 392 01/29/1999 Poor low tide; detritus, polychaetes, and mud in net; 3 to 4 inches of rain last weekend  
 393 02/15/1999  
 394 03/02/1999  
 395 03/16/1999 Rain two days ago  
 396 03/30/1999  
 397 04/13/1999 Net hung up on bottom at start of collection  
 398 04/27/1999  
 399 05/13/1999  
 400 05/27/1999  
 401 06/11/1999  
 402 06/25/1999  
 403 07/12/1999 Thunderstorm last night; coolish day for July  
 404 07/26/1999  
 405 08/09/1999 Had to do haul over again; net was bogged down with mud and could not pull it.  
 406 08/24/1999  
 407 09/07/1999  
 408 09/23/1999 Hurricane Floyd last week with about 15 inches of rain 8 days ago; very high low tide; lots of mud  
 409 10/07/1999

410	10/22/1999	Extreme high low tide; about 6 inches of rain 5 days ago by Hurricane Irene
411	11/08/1999	
412	11/23/1999	Windy and extreme high low tide
413	12/07/1999	
414	12/21/1999	Heavy rain over weekend
415	01/05/2000	Heavy rain night before
416	01/20/2000	Heavy rain last night and cold snap
417	02/03/2000	Six inches of snow a week ago
418	02/18/2000	
419	03/06/2000	Rain this past Sunday
420	03/21/2000	Sampling delayed one day until today because of storm yesterday; tide never went out. Today tide running out hard and blocknets flopping off of bottom; poor low tide
421	04/03/2000	Great low tide; pool practically isolated without blocknets
422	04/17/2000	Heavy downpour in last 30 minutes; high turbidity as a result
423	05/02/2000	Dissolved Oxygen reading questionable, 145% saturation
424	05/16/2000	
425	05/31/2000	
426	06/14/2000	
427	06/30/2000	More than ½ inches of rain last night, turbid water
428	07/14/2000	
429	07/28/2000	
430	08/14/2000	Tons of mud in net which caused sampling efficiency to be poor; freshwater runoff
431	08/28/2000	
432	09/11/2000	
433	09/26/2000	Lots of freshwater runoff from heavy rains; lead lines on blocknets would not stay on bottom
434	10/11/2000	
435	10/25/2000	
436	11/10/2000	
437	11/22/2000	Record low temperatures last night
438	12/11/2000	
439	12/20/2000	Unusually cold week; ice on marsh surface
440	01/09/2001	Record lows for December and January
441	01/23/2001	
442	02/07/2001	
443	02/21/2001	
444	03/08/2001	Brown tanic water due to rain event
445	03/23/2001	Major Northeaster and rain event 3 days ago; more than 5 inches of rain; tea colored water
446	04/05/2001	
447	04/20/2001	
448	05/04/2001	
449	05/21/2001	
450	06/04/2001	Great low tide
451	06/19/2001	
452	07/03/2001	Sampled right after thunderstorm
453	07/18/2001	
454	08/02/2001	
455	08/17/2001	
456	08/30/2001	Gator in pool, but did not catch it in net; had to seine around it. Was eating fish in pool. Good rain/thunderstorm last night; but a great low tide
457	09/14/2001	
458	10/01/2001	Poor low tide; tide late
459	10/15/2001	Drought continues, but did have some rain the last 24 hours
460	10/30/2001	Air temperatures dropped into the mid-30's (F) the last few nights from record highs days before.
461	11/13/2001	Poor low tide; still drought conditions
462	11/28/2001	Very good low tide; still drought conditions; less than ½ inch of rain 4 days ago
463	12/13/2001	About 3 inches of rain about 3 days ago
464	12/28/2001	
465	01/11/2002	
466	01/28/2002	Unseasonably warm; azaleas going into bloom; super low tide

467	02/11/2002	Great low tide
468	02/26/2002	
469	03/12/2002	
470	03/27/2002	
471	04/10/2002	Very poor tide
472	04/25/2002	Downpour this morning about 1 inch
473	05/09/2002	
474	05/24/2002	
475	06/07/2002	
476	06/24/2002	Lots of rain the past week
477	07/08/2002	
478	07/22/2002	Tons of mud in net; catch efficiency down; small catch
479	08/06/2002	Tons of pluff mud; high low tide and slow to go out
480	08/20/2002	Very good low tide
481	09/05/2002	Over 8 inches of rain previous week; poor low tide and lots of freshwater runoff
482	09/19/2002	
483	10/04/2002	
484	10/18/2002	Tide never went completely out
485	11/05/2002	
486	11/19/2002	Good amount of rain 2 days ago
487	12/03/2002	Freezing weather over weekend before
488	12/18/2002	NE wind holding water level up; about 2 inches of rain early in week
489	01/03/2003	Rain in early morning and windy
490	01/17/2003	Really low tide; only ¼ of pool with water, little fish activity seen
491	01/30/2003	
492	02/14/2003	
493	03/03/2003	Poor low tide; strong ebb tide still running out; blocknets flopping off of bottom; 1.6 inches of rain over past two days
494	03/17/2003	Over 1 inch of rain fell 2 days ago (3/15)
495	03/31/2003	Last OL Low tide sampling