

Date	State	County	Site Name	Transect #
9/12/2016	ME	York	Oqunquit Beach	5
9/12/2016	ME	York	Oqunquit Beach	8
9/12/2016	ME	York	Oqunquit Beach	11
9/12/2016	ME	York	Oqunquit Beach	16
9/12/2016	ME	York	Drakes Island Beach, Wells	4
9/12/2016	ME	York	Drakes Island Beach, Wells	8
9/12/2016	ME	York	Drakes Island Beach, Wells	10
9/12/2016	ME	York	Drakes Island Beach, Wells	18
9/12/2016	ME	York	Goochs Beach, Kennebunk	6
9/12/2016	ME	York	Goochs Beach, Kennebunk	14
9/12/2016	ME	York	Goochs Beach, Kennebunk	18
9/12/2016	ME	York	Goochs Beach, Kennebunk	19
9/12/2016	ME	York	Old Orchard Beach	8
9/12/2016	ME	York	Old Orchard Beach	10
9/12/2016	ME	York	Old Orchard Beach	11
9/12/2016	ME	York	Old Orchard Beach	18
9/13/2016	MA	Barnstable	Mayflower Beach	3
9/13/2016	MA	Barnstable	Mayflower Beach	13
9/13/2016	MA	Barnstable	Mayflower Beach	16
9/13/2016	MA	Barnstable	Mayflower Beach	19
9/13/2016	MA	Barnstable	Marconi Beach	3
9/13/2016	MA	Barnstable	Marconi Beach	4
9/13/2016	MA	Barnstable	Marconi Beach	10
9/13/2016	MA	Barnstable	Marconi Beach	16
9/13/2016	MA	Barnstable	Nauset Beach	5
9/13/2016	MA	Barnstable	Nauset Beach	11
9/13/2016	MA	Barnstable	Nauset Beach	12
9/13/2016	MA	Barnstable	Nauset Beach	17
9/13/2016	MA	Barnstable	West Dennis Beach	1
9/13/2016	MA	Barnstable	West Dennis Beach	7
9/13/2016	MA	Barnstable	West Dennis Beach	13
9/13/2016	MA	Barnstable	West Dennis Beach	15
8/17/2016	MD	Worcester	Ocean City #1 - 94th St.	5
8/17/2016	MD	Worcester	Ocean City #1 - 94th St.	11
8/17/2016	MD	Worcester	Ocean City #1 - 94th St.	16
8/17/2016	MD	Worcester	Ocean City #1 - 94th St.	17
8/17/2016	MD	Worcester	Ocean City #2 - 48th St.	3
8/17/2016	MD	Worcester	Ocean City #2 - 48th St.	10
8/17/2016	MD	Worcester	Ocean City #2 - 48th St.	12
8/17/2016	MD	Worcester	Ocean City #2 - 48th St.	17
8/17/2016	MD	Worcester	Ocean City #3 - 12th St.	2
8/17/2016	MD	Worcester	Ocean City #3 - 12th St.	7
8/17/2016	MD	Worcester	Ocean City #3 - 12th St.	13
8/17/2016	MD	Worcester	Ocean City #3 - 12th St.	18

8/16/2016	DE	Sussex	Lewes Beach	1
8/16/2016	DE	Sussex	Lewes Beach	2
8/16/2016	DE	Sussex	Lewes Beach	4
8/16/2016	DE	Sussex	Lewes Beach	15
8/16/2016	DE	Sussex	Gordon's Pond State Wildlife Area	5
8/16/2016	DE	Sussex	Gordon's Pond State Wildlife Area	13
8/16/2016	DE	Sussex	Gordon's Pond State Wildlife Area	14
8/16/2016	DE	Sussex	Gordon's Pond State Wildlife Area	17
8/16/2016	DE	Sussex	South Bethany/York Beach	2
8/16/2016	DE	Sussex	South Bethany/York Beach	3
8/16/2016	DE	Sussex	South Bethany/York Beach	12
8/16/2016	DE	Sussex	South Bethany/York Beach	20
8/16/2016	DE	Sussex	Fenwick Isle	2
8/16/2016	DE	Sussex	Fenwick Isle	13
8/16/2016	DE	Sussex	Fenwick Isle	19
8/16/2016	DE	Sussex	Fenwick Isle	20
8/10/2016	NC	New Hanover	Carolina Beach	2
8/10/2016	NC	New Hanover	Carolina Beach	10
8/10/2016	NC	New Hanover	Carolina Beach	15
8/10/2016	NC	New Hanover	Carolina Beach	17
8/10/2016	NC	New Hanover	Wrightsville Beach	7
8/10/2016	NC	New Hanover	Wrightsville Beach	12
8/10/2016	NC	New Hanover	Wrightsville Beach	15
8/10/2016	NC	New Hanover	Wrightsville Beach	20
8/10/2016	NC	Pender	Topsail Beach	2
8/10/2016	NC	Pender	Topsail Beach	5
8/10/2016	NC	Pender	Topsail Beach	6
8/10/2016	NC	Pender	Topsail Beach	19
8/10/2016	NC	Pender	Surf City	8
8/10/2016	NC	Pender	Surf City	11
8/10/2016	NC	Pender	Surf City	12
8/10/2016	NC	Pender	Surf City	19
8/29/2016	SC	Horry	Surfside Beach	2
8/29/2016	SC	Horry	Surfside Beach	11
8/29/2016	SC	Horry	Surfside Beach	13
8/29/2016	SC	Horry	Surfside Beach	18
8/30/2016	SC	Horry	Myrtle Beach State Park	5
8/30/2016	SC	Horry	Myrtle Beach State Park	6
8/30/2016	SC	Horry	Myrtle Beach State Park	8
8/30/2016	SC	Horry	Myrtle Beach State Park	20
8/30/2016	SC	Horry	Myrtle Beach - 49th Ave N	2
8/30/2016	SC	Horry	Myrtle Beach - 49th Ave N	7
8/30/2016	SC	Horry	Myrtle Beach - 49th Ave N	13
8/30/2016	SC	Horry	Myrtle Beach - 49th Ave N	15
8/30/2016	SC	Horry	North Myrtle - Cherry Grove Beach	4
8/30/2016	SC	Horry	North Myrtle - Cherry Grove Beach	11
8/30/2016	SC	Horry	North Myrtle - Cherry Grove Beach	13

8/30/2016	SC	Horry	North Myrtle - Cherry Grove Beach	19
9/11/2016	CA	Santa Cruz	Manresa State Beach	2
9/11/2016	CA	Santa Cruz	Manresa State Beach	19
9/11/2016	CA	Santa Cruz	Manresa State Beach	13
9/11/2016	CA	Santa Cruz	Manresa State Beach	18
9/12/2016	CA	Monterey	Fort Ord Dunes State Park	1
9/12/2016	CA	Monterey	Fort Ord Dunes State Park	2
9/12/2016	CA	Monterey	Fort Ord Dunes State Park	3
9/12/2016	CA	Monterey	Fort Ord Dunes State Park	14
9/14/2016	CA	Monterey	Moss Landing State Beach	1
9/14/2016	CA	Monterey	Moss Landing State Beach	2
9/14/2016	CA	Monterey	Moss Landing State Beach	3
9/14/2016	CA	Monterey	Moss Landing State Beach	15
9/6/2016	CA	Los Angeles	Zuma Beach	9
9/6/2016	CA	Los Angeles	Zuma Beach	13
9/6/2016	CA	Los Angeles	Zuma Beach	15
9/6/2016	CA	Los Angeles	Zuma Beach	19
9/12/2016	CA	Monterey	Del Monte Beach	2
9/12/2016	CA	Monterey	Del Monte Beach	8
9/12/2016	CA	Monterey	Del Monte Beach	10
9/12/2016	CA	Monterey	Del Monte Beach	13
9/6/2016	CA	Los Angeles	Will Rogers Beach	7
9/6/2016	CA	Los Angeles	Will Rogers Beach	8
9/6/2016	CA	Los Angeles	Will Rogers Beach	13
9/6/2016	CA	Los Angeles	Will Rogers Beach	14
9/7/2016	CA	Los Angeles	Junipero Beach (Long Beach)	1
9/7/2016	CA	Los Angeles	Junipero Beach (Long Beach)	12
9/7/2016	CA	Los Angeles	Junipero Beach (Long Beach)	17
9/7/2016	CA	Los Angeles	Junipero Beach (Long Beach)	18
9/7/2016	CA	Orange County	Bolsa Chica State Beach	1
9/7/2016	CA	Orange County	Bolsa Chica State Beach	2
9/7/2016	CA	Orange County	Bolsa Chica State Beach	3
9/7/2016	CA	Orange County	Bolsa Chica State Beach	12
9/14/2016	OH	Erie	Cedar Point Beach	7
9/14/2016	OH	Erie	Cedar Point Beach	12
9/14/2016	OH	Erie	Cedar Point Beach	13
9/14/2016	OH	Erie	Cedar Point Beach	18
9/14/2016	OH	Ottawa	East Harbor State Park Beach	2
9/14/2016	OH	Ottawa	East Harbor State Park Beach	3
9/14/2016	OH	Ottawa	East Harbor State Park Beach	13
9/14/2016	OH	Ottawa	East Harbor State Park Beach	17
9/13/2016	OH	Erie	Nickel Plate Beach	2
9/13/2016	OH	Erie	Nickel Plate Beach	9
9/13/2016	OH	Erie	Nickel Plate Beach	11
9/13/2016	OH	Erie	Nickel Plate Beach	14
9/13/2016	OH	Ottawa	Port Clinton City Beach	1
9/13/2016	OH	Ottawa	Port Clinton City Beach	7

9/13/2016	OH	Ottawa	Port Clinton City Beach	15
9/13/2016	OH	Ottawa	Port Clinton City Beach	18
9/15/2016	OH	Ottawa	South Bass Island State Park	2
9/15/2016	OH	Ottawa	South Bass Island State Park	3
9/15/2016	OH	Ottawa	South Bass Island State Park	4
9/15/2016	OH	Ottawa	South Bass Island State Park	14
8/20/2016	AL	Baldwin	Fort Morgan	2
8/20/2016	AL	Baldwin	Fort Morgan	9
8/20/2016	AL	Baldwin	Fort Morgan	13
8/20/2016	AL	Baldwin	Fort Morgan	14
8/20/2016	AL	Baldwin	Gulf Highlands	1
8/20/2016	AL	Baldwin	Gulf Highlands	3
8/20/2016	AL	Baldwin	Gulf Highlands	8
8/20/2016	AL	Baldwin	Gulf Highlands	10
8/20/2016	AL	Baldwin	Gulf State Beach Park	1
8/20/2016	AL	Baldwin	Gulf State Beach Park	2
8/20/2016	AL	Baldwin	Gulf State Beach Park	5
8/20/2016	AL	Baldwin	Gulf State Beach Park	7
8/20/2016	AL	Baldwin	Orange Beach	9
8/20/2016	AL	Baldwin	Orange Beach	13
8/20/2016	AL	Baldwin	Orange Beach	14
8/20/2016	AL	Baldwin	Orange Beach	17
7/17/2016	WA	Pacific	Klipsan Beach (Long Beach)	1
7/17/2016	WA	Pacific	Klipsan Beach (Long Beach)	2
7/17/2016	WA	Pacific	Klipsan Beach (Long Beach)	12
7/17/2016	WA	Pacific	Klipsan Beach (Long Beach)	14
7/18/2016	OR	Lane	Muriel O Ponsler	3
7/18/2016	OR	Lane	Muriel O Ponsler	13
7/18/2016	OR	Lane	Muriel O Ponsler	14
7/18/2016	OR	Lane	Muriel O Ponsler	19
7/18/2016	OR	Douglas	Tahkenitch	7
7/18/2016	OR	Douglas	Tahkenitch	14
7/18/2016	OR	Douglas	Tahkenitch	15
7/18/2016	OR	Douglas	Tahkenitch	16
7/17/2016	OR	Tillamook	Manhattan Beach, Rockaway	2
7/17/2016	OR	Tillamook	Manhattan Beach, Rockaway	10
7/17/2016	OR	Tillamook	Manhattan Beach, Rockaway	18
7/17/2016	OR	Tillamook	Manhattan Beach, Rockaway	20

Length of Beach (transect length in meters - should be 5m)	Width of Beach (transect width from waters' edge to backshore, in meters)	Debris count per transect	debris/m²
5	109	16	0.0294
5	98	14	0.0286
5	84	13	0.0310
5	76	10	0.0263
5	133	13	0.0195
5	129	11	0.0171
5	129	1	0.0016
5	115	14	0.0243
5	52	5	0.0192
5	60	3	0.0100
5	70	8	0.0229
5	70	9	0.0257
5	32	34	0.2125
5	30	31	0.2067
5	30	39	0.2600
5	24	18	0.1500
5	60	40	0.1333
5	62	32	0.1032
5	54	34	0.1259
5	53	55	0.2075
5	44	6	0.0273
5	44	7	0.0318
5	40	3	0.0150
5	40	5	0.0250
5	51	1	0.0039
5	52	0	0.0000
5	52	1	0.0038
5	48	2	0.0083
5	25	7	0.0560
5	24	9	0.0750
5	22	6	0.0545
5	21	5	0.0476
5	71	23	0.0648
5	71	14	0.0394
5	71	18	0.0507
5	71	6	0.0169
5	63	21	0.0667
5	63	22	0.0698
5	63	23	0.0730
5	63	21	0.0667
5	98	39	0.0796
5	98	104	0.2122
5	98	33	0.0673
5	98	35	0.0714

5	25	25	0.2000
5	24	23	0.1917
5	27	14	0.1037
5	27	37	0.2741
5	67	7	0.0209
5	65	9	0.0277
5	65	12	0.0369
5	63	10	0.0317
5	60	6	0.0200
5	60	8	0.0267
5	59	14	0.0475
5	61	17	0.0557
5	65	12	0.0369
5	65	15	0.0462
5	66	6	0.0182
5	66	9	0.0273
5	66	45	0.1364
5	60	34	0.1133
5	52	47	0.1808
5	51	28	0.1098
5	47	13	0.0553
5	44	17	0.0773
5	45	12	0.0533
5	43	20	0.0930
5	39	5	0.0256
5	41	5	0.0244
5	43	4	0.0186
5	34	10	0.0588
5	19	23	0.2421
5	20	11	0.1100
5	20	15	0.1500
5	21	7	0.0667
5	24	9	0.0750
5	43	18	0.0837
5	41	6	0.0293
5	43	6	0.0279
5	56	6	0.0214
5	57	6	0.0211
5	60	10	0.0333
5	63	12	0.0381
5	59	8	0.0271
5	59	4	0.0136
5	63	9	0.0286
5	59	22	0.0746
5	33	24	0.1455
5	28	13	0.0929
5	25	16	0.1280

5	27	15	0.1111
5	33	3	0.0182
5	37	66	0.3568
5	43	12	0.0558
5	44	64	0.2909
5	36	20	0.1111
5	36	5	0.0278
5	36	14	0.0778
5	36	14	0.0778
5	59	8	0.0271
5	59	5	0.0169
5	59	5	0.0169
5	48	1	0.0042
5	28	6	0.0429
5	20	5	0.0500
5	25	11	0.0880
5	22	4	0.0364
5	30	11	0.0733
5	35	13	0.0743
5	42	5	0.0238
5	40	12	0.0600
5	57	58	0.2035
5	57	55	0.1930
5	49	51	0.2082
5	49	74	0.3020
5	23	69	0.6000
5	22	86	0.7818
5	20	74	0.7400
5	20	133	1.3300
5	37	161	0.8703
5	41	142	0.6927
5	41	84	0.4098
5	44	103	0.4682
5	74	42	0.1135
5	80	49	0.1225
5	80	46	0.1150
5	70	26	0.0743
5	12	14	0.2333
5	12	7	0.1167
5	17	22	0.2588
5	16	13	0.1625
5	54	65	0.2407
5	68	55	0.1618
5	75	41	0.1093
5	92	67	0.1457
5	25	23	0.1840
5	28	36	0.2571

5	31	23	0.1484
5	34	21	0.1235
5	6	17	0.5667
5	6	12	0.4000
5	6	8	0.2667
5	4	2	0.1000
5	16.9	16	0.1893
5	14.7	16	0.2177
5	11.3	16	0.2832
5	11.8	8	0.1356
5	19.8	19	0.1919
5	19.9	0	0.0000
5	16	6	0.0750
5	18.7	8	0.0856
5	39.3	55	0.2799
5	42	23	0.1095
5	38.7	17	0.0879
5	37.2	36	0.1935
5	42.9	14	0.0653
5	38.8	7	0.0361
5	37.9	6	0.0317
5	37.7	7	0.0371
5	134	17	0.0254
5	134	15	0.0224
5	134	39	0.0582
5	134	22	0.0328
5	41	1	0.0049
5	33	0	0.0000
5	33	0	0.0000
5	31	2	0.0129
5	53	0	0.0000
5	52	2	0.0077
5	52	1	0.0038
5	52	0	0.0000
5	110	9	0.0164
5	112.7	3	0.0053
5	107	7	0.0131
5	107	7	0.0131

Date	State	County	Site Name	Transect #
9/7/2016	CA	Los Angeles	Junipero Beach (Long Beach)	18
9/7/2016	CA	Orange County	Bolsa Chica State Beach	1
9/7/2016	CA	Los Angeles	Junipero Beach (Long Beach)	12
9/7/2016	CA	Los Angeles	Junipero Beach (Long Beach)	17
9/7/2016	CA	Orange County	Bolsa Chica State Beach	2
9/7/2016	CA	Los Angeles	Junipero Beach (Long Beach)	1
9/15/2016	OH	Ottawa	South Bass Island State Park	2
9/7/2016	CA	Orange County	Bolsa Chica State Beach	12
9/7/2016	CA	Orange County	Bolsa Chica State Beach	3
9/15/2016	OH	Ottawa	South Bass Island State Park	3
9/11/2016	CA	Santa Cruz	Manresa State Beach	19
9/6/2016	CA	Los Angeles	Will Rogers Beach	14
9/11/2016	CA	Santa Cruz	Manresa State Beach	18
8/20/2016	AL	Baldwin	Fort Morgan	13
8/20/2016	AL	Baldwin	Gulf State Beach Park	1
8/16/2016	DE	Sussex	Lewes Beach	15
9/15/2016	OH	Ottawa	South Bass Island State Park	4
9/12/2016	ME	York	Old Orchard Beach	11
9/14/2016	OH	Ottawa	East Harbor State Park Beach	13
9/13/2016	OH	Ottawa	Port Clinton City Beach	7
8/10/2016	NC	Pender	Surf City	8
9/13/2016	OH	Erie	Nickel Plate Beach	2
9/14/2016	OH	Ottawa	East Harbor State Park Beach	2
8/20/2016	AL	Baldwin	Fort Morgan	9
9/12/2016	ME	York	Old Orchard Beach	8
8/17/2016	MD	Worcester	Ocean City #3 - 12th St.	7
9/6/2016	CA	Los Angeles	Will Rogers Beach	13
9/13/2016	MA	Barnstable	Mayflower Beach	19
9/12/2016	ME	York	Old Orchard Beach	10
9/6/2016	CA	Los Angeles	Will Rogers Beach	7
8/16/2016	DE	Sussex	Lewes Beach	1
8/20/2016	AL	Baldwin	Gulf State Beach Park	7
9/6/2016	CA	Los Angeles	Will Rogers Beach	8
8/20/2016	AL	Baldwin	Gulf Highlands	1
8/16/2016	DE	Sussex	Lewes Beach	2
8/20/2016	AL	Baldwin	Fort Morgan	2
9/13/2016	OH	Ottawa	Port Clinton City Beach	1
8/10/2016	NC	New Hanover	Carolina Beach	15
9/14/2016	OH	Ottawa	East Harbor State Park Beach	17
9/13/2016	OH	Erie	Nickel Plate Beach	9
9/12/2016	ME	York	Old Orchard Beach	18
8/10/2016	NC	Pender	Surf City	12
9/13/2016	OH	Ottawa	Port Clinton City Beach	15
9/13/2016	OH	Erie	Nickel Plate Beach	14

8/30/2016	SC	Horry	North Myrtle - Cherry Grove Beach	4
8/10/2016	NC	New Hanover	Carolina Beach	2
8/20/2016	AL	Baldwin	Fort Morgan	14
9/13/2016	MA	Barnstable	Mayflower Beach	3
8/30/2016	SC	Horry	North Myrtle - Cherry Grove Beach	13
9/13/2016	MA	Barnstable	Mayflower Beach	16
9/13/2016	OH	Ottawa	Port Clinton City Beach	18
9/14/2016	OH	Erie	Cedar Point Beach	12
9/14/2016	OH	Ottawa	East Harbor State Park Beach	3
9/14/2016	OH	Erie	Cedar Point Beach	13
9/14/2016	OH	Erie	Cedar Point Beach	7
8/10/2016	NC	New Hanover	Carolina Beach	10
8/30/2016	SC	Horry	North Myrtle - Cherry Grove Beach	19
9/12/2016	CA	Monterey	Fort Ord Dunes State Park	1
8/10/2016	NC	Pender	Surf City	11
8/10/2016	NC	New Hanover	Carolina Beach	17
8/20/2016	AL	Baldwin	Gulf State Beach Park	2
9/13/2016	OH	Erie	Nickel Plate Beach	11
8/16/2016	DE	Sussex	Lewes Beach	4
9/13/2016	MA	Barnstable	Mayflower Beach	13
9/15/2016	OH	Ottawa	South Bass Island State Park	14
8/10/2016	NC	New Hanover	Wrightsville Beach	20
8/30/2016	SC	Horry	North Myrtle - Cherry Grove Beach	11
9/6/2016	CA	Los Angeles	Zuma Beach	15
8/20/2016	AL	Baldwin	Gulf State Beach Park	5
8/20/2016	AL	Baldwin	Gulf Highlands	10
8/29/2016	SC	Horry	Surfside Beach	11
8/17/2016	MD	Worcester	Ocean City #3 - 12th St.	2
9/12/2016	CA	Monterey	Fort Ord Dunes State Park	3
9/12/2016	CA	Monterey	Fort Ord Dunes State Park	14
8/10/2016	NC	New Hanover	Wrightsville Beach	12
9/13/2016	MA	Barnstable	West Dennis Beach	7
8/29/2016	SC	Horry	Surfside Beach	2
8/20/2016	AL	Baldwin	Gulf Highlands	8
8/30/2016	SC	Horry	Myrtle Beach - 49th Ave N	15
9/12/2016	CA	Monterey	Del Monte Beach	8
9/14/2016	OH	Erie	Cedar Point Beach	18
9/12/2016	CA	Monterey	Del Monte Beach	2
8/17/2016	MD	Worcester	Ocean City #2 - 48th St.	12
8/17/2016	MD	Worcester	Ocean City #3 - 12th St.	18
8/17/2016	MD	Worcester	Ocean City #2 - 48th St.	10
8/17/2016	MD	Worcester	Ocean City #3 - 12th St.	13
8/17/2016	MD	Worcester	Ocean City #2 - 48th St.	3
8/17/2016	MD	Worcester	Ocean City #2 - 48th St.	17
8/10/2016	NC	Pender	Surf City	19
8/20/2016	AL	Baldwin	Orange Beach	9
8/17/2016	MD	Worcester	Ocean City #1 - 94th St.	5

9/12/2016	CA	Monterey	Del Monte Beach	13
8/10/2016	NC	Pender	Topsail Beach	19
7/17/2016	WA	Pacific	Klipsan Beach (Long Beach)	12
9/13/2016	MA	Barnstable	West Dennis Beach	1
9/11/2016	CA	Santa Cruz	Manresa State Beach	13
8/16/2016	DE	Sussex	South Bethany/York Beach	20
8/10/2016	NC	New Hanover	Wrightsville Beach	7
9/13/2016	MA	Barnstable	West Dennis Beach	13
8/10/2016	NC	New Hanover	Wrightsville Beach	15
8/17/2016	MD	Worcester	Ocean City #1 - 94th St.	16
9/6/2016	CA	Los Angeles	Zuma Beach	13
9/13/2016	MA	Barnstable	West Dennis Beach	15
8/16/2016	DE	Sussex	South Bethany/York Beach	12
8/16/2016	DE	Sussex	Fenwick Isle	13
9/6/2016	CA	Los Angeles	Zuma Beach	9
8/17/2016	MD	Worcester	Ocean City #1 - 94th St.	11
8/30/2016	SC	Horry	Myrtle Beach State Park	20
8/20/2016	AL	Baldwin	Orange Beach	17
8/16/2016	DE	Sussex	Gordon's Pond State Wildlife Area	14
8/16/2016	DE	Sussex	Fenwick Isle	2
9/6/2016	CA	Los Angeles	Zuma Beach	19
8/20/2016	AL	Baldwin	Orange Beach	13
8/30/2016	SC	Horry	Myrtle Beach State Park	8
7/17/2016	WA	Pacific	Klipsan Beach (Long Beach)	14
9/13/2016	MA	Barnstable	Marconi Beach	4
8/16/2016	DE	Sussex	Gordon's Pond State Wildlife Area	17
8/20/2016	AL	Baldwin	Orange Beach	14
9/12/2016	ME	York	Oqunquit Beach	11
9/12/2016	ME	York	Oqunquit Beach	5
8/29/2016	SC	Horry	Surfside Beach	13
9/12/2016	ME	York	Oqunquit Beach	8
8/30/2016	SC	Horry	Myrtle Beach - 49th Ave N	13
8/29/2016	SC	Horry	Surfside Beach	18
9/12/2016	CA	Monterey	Fort Ord Dunes State Park	2
8/16/2016	DE	Sussex	Gordon's Pond State Wildlife Area	13
9/13/2016	MA	Barnstable	Marconi Beach	3
8/16/2016	DE	Sussex	Fenwick Isle	20
8/30/2016	SC	Horry	Myrtle Beach - 49th Ave N	2
9/14/2016	CA	Monterey	Moss Landing State Beach	1
8/16/2016	DE	Sussex	South Bethany/York Beach	3
9/12/2016	ME	York	Oqunquit Beach	16
9/12/2016	ME	York	Goochs Beach, Kennebunk	19
8/10/2016	NC	Pender	Topsail Beach	2
7/17/2016	WA	Pacific	Klipsan Beach (Long Beach)	1
9/13/2016	MA	Barnstable	Marconi Beach	16
8/10/2016	NC	Pender	Topsail Beach	5
9/12/2016	ME	York	Drakes Island Beach, Wells	18

9/12/2016	CA	Monterey	Del Monte Beach	10
9/12/2016	ME	York	Goochs Beach, Kennebunk	18
7/17/2016	WA	Pacific	Klipsan Beach (Long Beach)	2
8/30/2016	SC	Horry	Myrtle Beach State Park	5
8/30/2016	SC	Horry	Myrtle Beach State Park	6
8/16/2016	DE	Sussex	Gordon's Pond State Wildlife Area	5
8/16/2016	DE	Sussex	South Bethany/York Beach	2
9/12/2016	ME	York	Drakes Island Beach, Wells	4
9/12/2016	ME	York	Goochs Beach, Kennebunk	6
8/10/2016	NC	Pender	Topsail Beach	6
8/16/2016	DE	Sussex	Fenwick Isle	19
9/11/2016	CA	Santa Cruz	Manresa State Beach	2
9/12/2016	ME	York	Drakes Island Beach, Wells	8
9/14/2016	CA	Monterey	Moss Landing State Beach	2
9/14/2016	CA	Monterey	Moss Landing State Beach	3
8/17/2016	MD	Worcester	Ocean City #1 - 94th St.	17
7/17/2016	OR	Tillamook	Manhattan Beach, Rockaway	2
9/13/2016	MA	Barnstable	Marconi Beach	10
8/30/2016	SC	Horry	Myrtle Beach - 49th Ave N	7
7/17/2016	OR	Tillamook	Manhattan Beach, Rockaway	18
7/17/2016	OR	Tillamook	Manhattan Beach, Rockaway	20
7/18/2016	OR	Lane	Muriel O Ponsler	19
9/12/2016	ME	York	Goochs Beach, Kennebunk	14
9/13/2016	MA	Barnstable	Nauset Beach	17
7/18/2016	OR	Douglas	Tahkenitch	14
7/17/2016	OR	Tillamook	Manhattan Beach, Rockaway	10
7/18/2016	OR	Lane	Muriel O Ponsler	3
9/14/2016	CA	Monterey	Moss Landing State Beach	15
9/13/2016	MA	Barnstable	Nauset Beach	5
9/13/2016	MA	Barnstable	Nauset Beach	12
7/18/2016	OR	Douglas	Tahkenitch	15
9/12/2016	ME	York	Drakes Island Beach, Wells	10
9/13/2016	MA	Barnstable	Nauset Beach	11
8/20/2016	AL	Baldwin	Gulf Highlands	3
7/18/2016	OR	Lane	Muriel O Ponsler	13
7/18/2016	OR	Lane	Muriel O Ponsler	14
7/18/2016	OR	Douglas	Tahkenitch	7
7/18/2016	OR	Douglas	Tahkenitch	16

Total

Length of Beach (transect length in meters - should be 5m)	Width of Beach (transect width from waters' edge to backshore, in meters)	Debris count per transect	debris/m ²	m ² to 500ft ² conversion
5	20	133	1.3300	61.78
5	37	161	0.8703	40.42
5	22	86	0.7818	36.32
5	20	74	0.7400	34.37
5	41	142	0.6927	32.18
5	23	69	0.6000	27.87
5	6	17	0.5667	26.32
5	44	103	0.4682	21.75
5	41	84	0.4098	19.03
5	6	12	0.4000	18.58
5	37	66	0.3568	16.57
5	49	74	0.3020	14.03
5	44	64	0.2909	13.51
5	11.3	16	0.2832	13.15
5	39.3	55	0.2799	13.00
5	27	37	0.2741	12.73
5	6	8	0.2667	12.39
5	30	39	0.2600	12.08
5	17	22	0.2588	12.02
5	28	36	0.2571	11.94
5	19	23	0.2421	11.25
5	54	65	0.2407	11.18
5	12	14	0.2333	10.84
5	14.7	16	0.2177	10.11
5	32	34	0.2125	9.87
5	98	104	0.2122	9.86
5	49	51	0.2082	9.67
5	53	55	0.2075	9.64
5	30	31	0.2067	9.60
5	57	58	0.2035	9.45
5	25	25	0.2000	9.29
5	37.2	36	0.1935	8.99
5	57	55	0.1930	8.96
5	19.8	19	0.1919	8.91
5	24	23	0.1917	8.90
5	16.9	16	0.1893	8.80
5	25	23	0.1840	8.55
5	52	47	0.1808	8.40
5	16	13	0.1625	7.55
5	68	55	0.1618	7.51
5	24	18	0.1500	6.97
5	20	15	0.1500	6.97
5	31	23	0.1484	6.89
5	92	67	0.1457	6.77

5	33	24	0.1455	6.76
5	66	45	0.1364	6.33
5	11.8	8	0.1356	6.30
5	60	40	0.1333	6.19
5	25	16	0.1280	5.95
5	54	34	0.1259	5.85
5	34	21	0.1235	5.74
5	80	49	0.1225	5.69
5	12	7	0.1167	5.42
5	80	46	0.1150	5.34
5	74	42	0.1135	5.27
5	60	34	0.1133	5.26
5	27	15	0.1111	5.16
5	36	20	0.1111	5.16
5	20	11	0.1100	5.11
5	51	28	0.1098	5.10
5	42	23	0.1095	5.09
5	75	41	0.1093	5.08
5	27	14	0.1037	4.82
5	62	32	0.1032	4.79
5	4	2	0.1000	4.65
5	43	20	0.0930	4.32
5	28	13	0.0929	4.31
5	25	11	0.0880	4.09
5	38.7	17	0.0879	4.08
5	18.7	8	0.0856	3.97
5	43	18	0.0837	3.89
5	98	39	0.0796	3.70
5	36	14	0.0778	3.61
5	36	14	0.0778	3.61
5	44	17	0.0773	3.59
5	24	9	0.0750	3.48
5	24	9	0.0750	3.48
5	16	6	0.0750	3.48
5	59	22	0.0746	3.46
5	35	13	0.0743	3.45
5	70	26	0.0743	3.45
5	30	11	0.0733	3.41
5	63	23	0.0730	3.39
5	98	35	0.0714	3.32
5	63	22	0.0698	3.24
5	98	33	0.0673	3.13
5	63	21	0.0667	3.10
5	63	21	0.0667	3.10
5	21	7	0.0667	3.10
5	42.9	14	0.0653	3.03
5	71	23	0.0648	3.01

5	40	12	0.0600	2.79
5	34	10	0.0588	2.73
5	134	39	0.0582	2.70
5	25	7	0.0560	2.60
5	43	12	0.0558	2.59
5	61	17	0.0557	2.59
5	47	13	0.0553	2.57
5	22	6	0.0545	2.53
5	45	12	0.0533	2.48
5	71	18	0.0507	2.36
5	20	5	0.0500	2.32
5	21	5	0.0476	2.21
5	59	14	0.0475	2.20
5	65	15	0.0462	2.14
5	28	6	0.0429	1.99
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5	71	14	0.0394	1.83
5	63	12	0.0381	1.77
5	37.7	7	0.0371	1.72
5	65	12	0.0369	1.72
5	65	12	0.0369	1.72
5	22	4	0.0364	1.69
5	38.8	7	0.0361	1.68
5	60	10	0.0333	1.55
5	134	22	0.0328	1.53
5	44	7	0.0318	1.48
5	63	10	0.0317	1.47
5	37.9	6	0.0317	1.47
5	84	13	0.0310	1.44
5	109	16	0.0294	1.36
5	41	6	0.0293	1.36
5	98	14	0.0286	1.33
5	63	9	0.0286	1.33
5	43	6	0.0279	1.30
5	36	5	0.0278	1.29
5	65	9	0.0277	1.29
5	44	6	0.0273	1.27
5	66	9	0.0273	1.27
5	59	8	0.0271	1.26
5	59	8	0.0271	1.26
5	60	8	0.0267	1.24
5	76	10	0.0263	1.22
5	70	9	0.0257	1.19
5	39	5	0.0256	1.19
5	134	17	0.0254	1.18
5	40	5	0.0250	1.16
5	41	5	0.0244	1.13
5	115	14	0.0243	1.13

5	42	5	0.0238	1.11
5	70	8	0.0229	1.06
5	134	15	0.0224	1.04
5	56	6	0.0214	1.00
5	57	6	0.0211	0.98
5	67	7	0.0209	0.97
5	60	6	0.0200	0.93
5	133	13	0.0195	0.91
5	52	5	0.0192	0.89
5	43	4	0.0186	0.86
5	66	6	0.0182	0.84
5	33	3	0.0182	0.84
5	129	11	0.0171	0.79
5	59	5	0.0169	0.79
5	59	5	0.0169	0.79
5	71	6	0.0169	0.79
5	110	9	0.0164	0.76
5	40	3	0.0150	0.70
5	59	4	0.0136	0.63
5	107	7	0.0131	0.61
5	107	7	0.0131	0.61
5	31	2	0.0129	0.60
5	60	3	0.0100	0.46
5	48	2	0.0083	0.39
5	52	2	0.0077	0.36
5	112.7	3	0.0053	0.25
5	41	1	0.0049	0.23
5	48	1	0.0042	0.19
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5	51	1	0.0039	0.18
5	52	1	0.0038	0.18
5	52	1	0.0038	0.18
5	129	1	0.0016	0.07
5	52	0	0.0000	0.00
5	19.9	0	0.0000	0.00
5	33	0	0.0000	0.00
5	33	0	0.0000	0.00
5	53	0	0.0000	0.00
5	52	0	0.0000	0.00

Basic stats (transect):

Min.	0.00
Max.	61.78
Median	3.10
Quartile 1	1.201414
Q2	3.096667
Q3	6.763249

State	County
AL	Baldwin
	Baldwin Total
AL Total	
CA	Los Angeles
	Los Angeles Total
	Monterey
	Monterey Total
	Orange County
	Orange County Total
	Santa Cruz
	Santa Cruz Total
CA Total	
DE	Sussex
	Sussex Total
DE Total	
MA	Barnstable
	Barnstable Total
MA Total	
MD	Worcester
	Worcester Total
MD Total	
ME	York
	York Total
ME Total	

NC	New Hanover
	New Hanover Total
	Pender
	Pender Total
NC Total	
OH	Erie
	Erie Total
	Ottawa
	Ottawa Total
OH Total	
OR	Douglas
	Douglas Total
	Lane
	Lane Total
	Tillamook
	Tillamook Total
OR Total	
SC	Horry
	Horry Total
SC Total	
WA	Pacific
	Pacific Total
WA Total	
Grand Total	

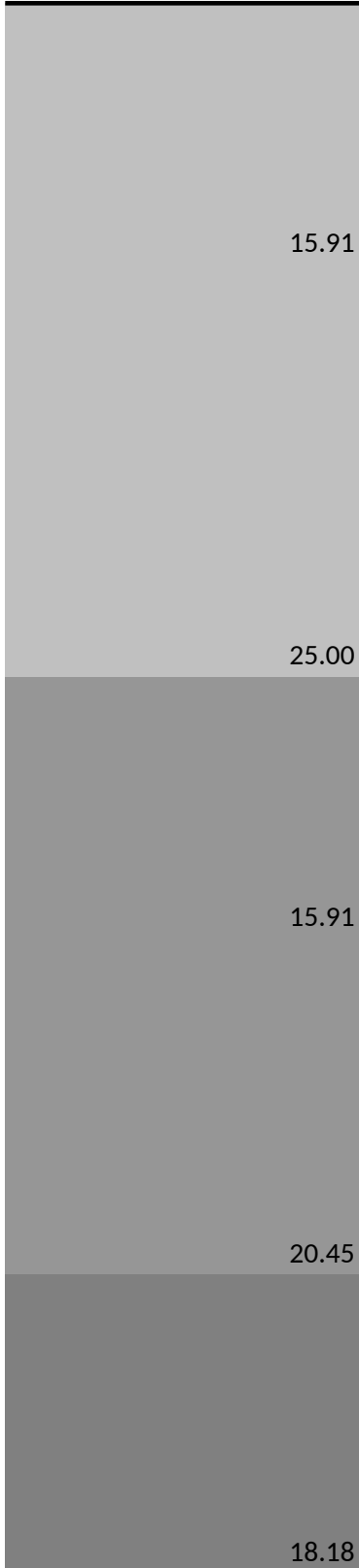
	Data	
Site Name	Average of debris/m2	Average of debris/500ft2 (m2 to 500ft2 conversion)
Fort Morgan	0.206	9.590
Gulf Highlands	0.088	4.093
Gulf State Beach Park	0.168	7.790
Orange Beach	0.043	1.976
	0.126	5.862
	0.126	5.862
Junipero Beach (Long Beach)	0.863	40.084
Will Rogers Beach	0.227	10.529
Zuma Beach	0.054	2.522
	0.381	17.712
Del Monte Beach	0.058	2.687
Fort Ord Dunes State Park	0.074	3.419
Moss Landing State Beach	0.016	0.757
	0.049	2.288
Bolsa Chica State Beach	0.610	28.345
	0.610	28.345
Manresa State Beach	0.180	8.380
	0.180	8.380
	0.260	12.091
Fenwick Isle	0.032	1.493
Gordon's Pond State Wildlife Area	0.029	1.362
Lewes Beach	0.192	8.935
South Bethany/York Beach	0.037	1.740
	0.073	3.382
	0.073	3.382
Marconi Beach	0.025	1.151
Mayflower Beach	0.143	6.619
Nauset Beach	0.004	0.187
West Dennis Beach	0.058	2.708
	0.057	2.666
	0.057	2.666
Ocean City #1 - 94th St.	0.043	1.995
Ocean City #2 - 48th St.	0.069	3.207
Ocean City #3 - 12th St.	0.108	5.000
	0.073	3.401
	0.073	3.401
Drakes Island Beach, Wells	0.016	0.726
Goochs Beach, Kennebunk	0.019	0.903
Old Orchard Beach	0.207	9.629
Oqunquit Beach	0.029	1.338
	0.068	3.149
	0.068	3.149

Carolina Beach	0.135	6.274
Wrightsville Beach	0.070	3.239
	0.102	4.757
Surf City	0.142	6.605
Topsail Beach	0.032	1.480
	0.087	4.042
	0.095	4.400
Cedar Point Beach	0.106	4.939
Nickel Plate Beach	0.164	7.635
	0.135	6.287
East Harbor State Park Beach	0.193	8.957
Port Clinton City Beach	0.178	8.280
South Bass Island State Park	0.333	15.483
	0.235	10.907
	0.195	9.059
Tahkenitch	0.003	0.134
	0.003	0.134
Muriel O Ponsler	0.004	0.206
	0.004	0.206
Manhattan Beach, Rockaway	0.012	0.556
	0.012	0.556
	0.006	0.299
Myrtle Beach - 49th Ave N	0.036	1.670
Myrtle Beach State Park	0.028	1.323
North Myrtle - Cherry Grove Beach	0.119	5.544
Surfside Beach	0.054	2.507
	0.059	2.761
	0.059	2.761
Klipsan Beach (Long Beach)	0.035	1.612
	0.035	1.612
	0.035	1.612
	0.119	5.537

Site Name	Average debris/m2	Average debris densities/500ft2
Tahkenitch	0.003	0.134
Nauset Beach	0.004	0.187
Muriel O Ponsler	0.004	0.206
Manhattan Beach, Rockaway	0.012	0.556
Drakes Island Beach, Wells	0.016	0.726
Moss Landing State Beach	0.016	0.757
Goochs Beach, Kennebunk	0.019	0.903
Marconi Beach	0.025	1.151
Myrtle Beach State Park	0.028	1.323
Oqunquit Beach	0.029	1.338
Gordon's Pond State Wildlife Area	0.029	1.362
Topsail Beach	0.032	1.480
Fenwick Isle	0.032	1.493
Klipsan Beach (Long Beach)	0.035	1.612
Myrtle Beach - 49th Ave N	0.036	1.670
South Bethany/York Beach	0.037	1.740
Orange Beach	0.043	1.976
Ocean City #1 - 94th St.	0.043	1.995
Surfside Beach	0.054	2.507
Zuma Beach	0.054	2.522
Del Monte Beach	0.058	2.687
West Dennis Beach	0.058	2.708
Ocean City #2 - 48th St.	0.069	3.207
Wrightsville Beach	0.070	3.239
Fort Ord Dunes State Park	0.074	3.419
Gulf Highlands	0.088	4.093
Cedar Point Beach	0.106	4.939
Ocean City #3 - 12th St.	0.108	5.000
North Myrtle - Cherry Grove Beach	0.119	5.544
Carolina Beach	0.135	6.274
Surf City	0.142	6.605
Mayflower Beach	0.143	6.619
Nickel Plate Beach	0.164	7.635
Gulf State Beach Park	0.168	7.790
Port Clinton City Beach	0.178	8.280
Manresa State Beach	0.180	8.380
Lewes Beach	0.192	8.935
East Harbor State Park Beach	0.193	8.957
Fort Morgan	0.206	9.590
Old Orchard Beach	0.207	9.629
Will Rogers Beach	0.227	10.529
South Bass Island State Park	0.333	15.483
Bolsa Chica State Beach	0.610	28.345

Junipero Beach (Long Beach)	0.863	40.084
TOTAL		44.000

Debris Counts Doubled (1, 2, 4, 8, 16) Scenario - % of total per bin



Debris Bins

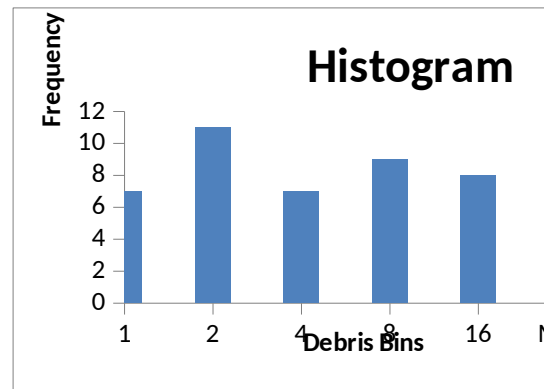
- 1
- 2
- 4
- 8
- 16

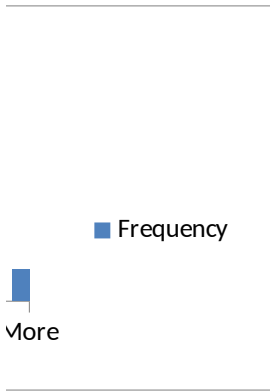
Basic Stats (site)

Min.	0.134
Max.	40.084
Median	2.957
Quartile 1	1.391265
Q2	2.957442
Q3	7.751251

Debris counts doubled

Debris Bins	Frequency	% of total per bin
1	7	15.91%
2	11	25.00%
4	7	15.91%
8	9	20.45%
16	8	18.18%
More	2	
		95.45%





Date	Region	State	County	Site Name	Transect #
9/13/2016	Northeast	MA	Barnstable	Mayflower Beach	3
9/13/2016	Northeast	MA	Barnstable	Mayflower Beach	13
9/13/2016	Northeast	MA	Barnstable	Mayflower Beach	16
9/13/2016	Northeast	MA	Barnstable	Mayflower Beach	19
9/13/2016	Northeast	MA	Barnstable	Marconi Beach	3
9/13/2016	Northeast	MA	Barnstable	Marconi Beach	4
9/13/2016	Northeast	MA	Barnstable	Marconi Beach	10
9/13/2016	Northeast	MA	Barnstable	Marconi Beach	16
9/13/2016	Northeast	MA	Barnstable	Nauset Beach	5
9/13/2016	Northeast	MA	Barnstable	Nauset Beach	11
9/13/2016	Northeast	MA	Barnstable	Nauset Beach	12
9/13/2016	Northeast	MA	Barnstable	Nauset Beach	17
9/13/2016	Northeast	MA	Barnstable	West Dennis Beach	1
9/13/2016	Northeast	MA	Barnstable	West Dennis Beach	7
9/13/2016	Northeast	MA	Barnstable	West Dennis Beach	13
9/13/2016	Northeast	MA	Barnstable	West Dennis Beach	15
Northeast Average					
8/17/2016	Mid-Atlantic	MD	Worcester	Ocean City #1 - 94th St.	5
8/17/2016	Mid-Atlantic	MD	Worcester	Ocean City #1 - 94th St.	11
8/17/2016	Mid-Atlantic	MD	Worcester	Ocean City #1 - 94th St.	16
8/17/2016	Mid-Atlantic	MD	Worcester	Ocean City #1 - 94th St.	17
8/17/2016	Mid-Atlantic	MD	Worcester	Ocean City #2 - 48th St.	3
8/17/2016	Mid-Atlantic	MD	Worcester	Ocean City #2 - 48th St.	10
8/17/2016	Mid-Atlantic	MD	Worcester	Ocean City #2 - 48th St.	12
8/17/2016	Mid-Atlantic	MD	Worcester	Ocean City #2 - 48th St.	17
8/17/2016	Mid-Atlantic	MD	Worcester	Ocean City #3 - 12th St.	2
8/17/2016	Mid-Atlantic	MD	Worcester	Ocean City #3 - 12th St.	7
8/17/2016	Mid-Atlantic	MD	Worcester	Ocean City #3 - 12th St.	13
8/17/2016	Mid-Atlantic	MD	Worcester	Ocean City #3 - 12th St.	18
8/16/2016	Mid-Atlantic	DE	Sussex	Lewes Beach	1
8/16/2016	Mid-Atlantic	DE	Sussex	Lewes Beach	2
8/16/2016	Mid-Atlantic	DE	Sussex	Lewes Beach	4
8/16/2016	Mid-Atlantic	DE	Sussex	Lewes Beach	15
8/16/2016	Mid-Atlantic	DE	Sussex	Gordon's Pond State Wildlife Area	5
8/16/2016	Mid-Atlantic	DE	Sussex	Gordon's Pond State Wildlife Area	13
8/16/2016	Mid-Atlantic	DE	Sussex	Gordon's Pond State Wildlife Area	14
8/16/2016	Mid-Atlantic	DE	Sussex	Gordon's Pond State Wildlife Area	17
8/16/2016	Mid-Atlantic	DE	Sussex	South Bethany/York Beach	2
8/16/2016	Mid-Atlantic	DE	Sussex	South Bethany/York Beach	3
8/16/2016	Mid-Atlantic	DE	Sussex	South Bethany/York Beach	12
8/16/2016	Mid-Atlantic	DE	Sussex	South Bethany/York Beach	20
8/16/2016	Mid-Atlantic	DE	Sussex	Fenwick Isle	2
8/16/2016	Mid-Atlantic	DE	Sussex	Fenwick Isle	13
8/16/2016	Mid-Atlantic	DE	Sussex	Fenwick Isle	19
8/16/2016	Mid-Atlantic	DE	Sussex	Fenwick Isle	20

Mid-Atlantic Average					
8/29/2016	Southeast	SC	Horry	Surfside Beach	2
8/29/2016	Southeast	SC	Horry	Surfside Beach	11
8/29/2016	Southeast	SC	Horry	Surfside Beach	13
8/29/2016	Southeast	SC	Horry	Surfside Beach	18
8/30/2016	Southeast	SC	Horry	Myrtle Beach State Park	5
8/30/2016	Southeast	SC	Horry	Myrtle Beach State Park	6
8/30/2016	Southeast	SC	Horry	Myrtle Beach State Park	8
8/30/2016	Southeast	SC	Horry	Myrtle Beach State Park	20
8/30/2016	Southeast	SC	Horry	Myrtle Beach - 49th Ave N	2
8/30/2016	Southeast	SC	Horry	Myrtle Beach - 49th Ave N	7
8/30/2016	Southeast	SC	Horry	Myrtle Beach - 49th Ave N	13
8/30/2016	Southeast	SC	Horry	Myrtle Beach - 49th Ave N	15
8/30/2016	Southeast	SC	Horry	North Myrtle - Cherry Grove Beach	4
8/30/2016	Southeast	SC	Horry	North Myrtle - Cherry Grove Beach	11
8/30/2016	Southeast	SC	Horry	North Myrtle - Cherry Grove Beach	13
8/30/2016	Southeast	SC	Horry	North Myrtle - Cherry Grove Beach	19
Southeast Average					
8/20/2016	Gulf of Mexico	AL	Baldwin	Fort Morgan	2
8/20/2016	Gulf of Mexico	AL	Baldwin	Fort Morgan	9
8/20/2016	Gulf of Mexico	AL	Baldwin	Fort Morgan	13
8/20/2016	Gulf of Mexico	AL	Baldwin	Fort Morgan	14
8/20/2016	Gulf of Mexico	AL	Baldwin	Gulf Highlands	1
8/20/2016	Gulf of Mexico	AL	Baldwin	Gulf Highlands	3
8/20/2016	Gulf of Mexico	AL	Baldwin	Gulf Highlands	8
8/20/2016	Gulf of Mexico	AL	Baldwin	Gulf Highlands	10
8/20/2016	Gulf of Mexico	AL	Baldwin	Gulf State Beach Park	1
8/20/2016	Gulf of Mexico	AL	Baldwin	Gulf State Beach Park	2
8/20/2016	Gulf of Mexico	AL	Baldwin	Gulf State Beach Park	5
8/20/2016	Gulf of Mexico	AL	Baldwin	Gulf State Beach Park	7
8/20/2016	Gulf of Mexico	AL	Baldwin	Orange Beach	9
8/20/2016	Gulf of Mexico	AL	Baldwin	Orange Beach	13
8/20/2016	Gulf of Mexico	AL	Baldwin	Orange Beach	14
8/20/2016	Gulf of Mexico	AL	Baldwin	Orange Beach	17
Gulf of Mexico Average					
9/11/2016	California	CA	Santa Cruz	Manresa State Beach	2
9/11/2016	California	CA	Santa Cruz	Manresa State Beach	19
9/11/2016	California	CA	Santa Cruz	Manresa State Beach	13
9/11/2016	California	CA	Santa Cruz	Manresa State Beach	18
9/12/2016	California	CA	Monterey	Fort Ord Dunes State Park	1
9/12/2016	California	CA	Monterey	Fort Ord Dunes State Park	2
9/12/2016	California	CA	Monterey	Fort Ord Dunes State Park	3
9/12/2016	California	CA	Monterey	Fort Ord Dunes State Park	14
9/14/2016	California	CA	Monterey	Moss Landing State Beach	1
9/14/2016	California	CA	Monterey	Moss Landing State Beach	2
9/14/2016	California	CA	Monterey	Moss Landing State Beach	3
9/14/2016	California	CA	Monterey	Moss Landing State Beach	15

9/12/2016	California	CA	Monterey	Del Monte Beach	2
9/12/2016	California	CA	Monterey	Del Monte Beach	8
9/12/2016	California	CA	Monterey	Del Monte Beach	10
9/12/2016	California	CA	Monterey	Del Monte Beach	13
California Average					
7/17/2016	Pacific Northwest	WA	Pacific	Klipsan Beach (Long Beach)	1
7/17/2016	Pacific Northwest	WA	Pacific	Klipsan Beach (Long Beach)	2
7/17/2016	Pacific Northwest	WA	Pacific	Klipsan Beach (Long Beach)	12
7/17/2016	Pacific Northwest	WA	Pacific	Klipsan Beach (Long Beach)	14
7/17/2016	Pacific Northwest	OR	Tillamook	Manhattan Beach, Rockaway	2
7/17/2016	Pacific Northwest	OR	Tillamook	Manhattan Beach, Rockaway	10
7/17/2016	Pacific Northwest	OR	Tillamook	Manhattan Beach, Rockaway	18
7/17/2016	Pacific Northwest	OR	Tillamook	Manhattan Beach, Rockaway	20
Pacific Northwest Average					
9/14/2016	Great Lakes	OH	Erie	Cedar Point Beach	7
9/14/2016	Great Lakes	OH	Erie	Cedar Point Beach	12
9/14/2016	Great Lakes	OH	Erie	Cedar Point Beach	13
9/14/2016	Great Lakes	OH	Erie	Cedar Point Beach	18
9/13/2016	Great Lakes	OH	Erie	Nickel Plate Beach	2
9/13/2016	Great Lakes	OH	Erie	Nickel Plate Beach	9
9/13/2016	Great Lakes	OH	Erie	Nickel Plate Beach	11
9/13/2016	Great Lakes	OH	Erie	Nickel Plate Beach	14
9/14/2016	Great Lakes	OH	Ottawa	East Harbor State Park Beach	2
9/14/2016	Great Lakes	OH	Ottawa	East Harbor State Park Beach	3
9/14/2016	Great Lakes	OH	Ottawa	East Harbor State Park Beach	13
9/14/2016	Great Lakes	OH	Ottawa	East Harbor State Park Beach	17
9/13/2016	Great Lakes	OH	Ottawa	Port Clinton City Beach	1
9/13/2016	Great Lakes	OH	Ottawa	Port Clinton City Beach	7
9/13/2016	Great Lakes	OH	Ottawa	Port Clinton City Beach	15
9/13/2016	Great Lakes	OH	Ottawa	Port Clinton City Beach	18
9/15/2016	Great Lakes	OH	Ottawa	South Bass Island State Park	2
9/15/2016	Great Lakes	OH	Ottawa	South Bass Island State Park	3
9/15/2016	Great Lakes	OH	Ottawa	South Bass Island State Park	4
9/15/2016	Great Lakes	OH	Ottawa	South Bass Island State Park	14
Great Lakes Average					
9/7/2016	Orange County, CA	CA	Orange County	Bolsa Chica State Beach	1
9/7/2016	Orange County, CA	CA	Orange County	Bolsa Chica State Beach	2
9/7/2016	Orange County, CA	CA	Orange County	Bolsa Chica State Beach	3
9/7/2016	Orange County, CA	CA	Orange County	Bolsa Chica State Beach	12
Orange County, CA Average					

Data not used (sites do not fall within the National Model regions):

9/12/2016	ME	York	Oqunquit Beach	5
9/12/2016	ME	York	Oqunquit Beach	8
9/12/2016	ME	York	Oqunquit Beach	11
9/12/2016	ME	York	Oqunquit Beach	16
9/12/2016	ME	York	Drakes Island Beach, Wells	4
9/12/2016	ME	York	Drakes Island Beach, Wells	8
9/12/2016	ME	York	Drakes Island Beach, Wells	10
9/12/2016	ME	York	Drakes Island Beach, Wells	18
9/12/2016	ME	York	Goochs Beach, Kennebunk	6
9/12/2016	ME	York	Goochs Beach, Kennebunk	14
9/12/2016	ME	York	Goochs Beach, Kennebunk	18
9/12/2016	ME	York	Goochs Beach, Kennebunk	19
9/12/2016	ME	York	Old Orchard Beach	8
9/12/2016	ME	York	Old Orchard Beach	10
9/12/2016	ME	York	Old Orchard Beach	11
9/12/2016	ME	York	Old Orchard Beach	18
8/10/2016	NC	New Hanover	Carolina Beach	2
8/10/2016	NC	New Hanover	Carolina Beach	10
8/10/2016	NC	New Hanover	Carolina Beach	15
8/10/2016	NC	New Hanover	Carolina Beach	17
8/10/2016	NC	New Hanover	Wrightsville Beach	7
8/10/2016	NC	New Hanover	Wrightsville Beach	12
8/10/2016	NC	New Hanover	Wrightsville Beach	15
8/10/2016	NC	New Hanover	Wrightsville Beach	20
8/10/2016	NC	Pender	Topsail Beach	2
8/10/2016	NC	Pender	Topsail Beach	5
8/10/2016	NC	Pender	Topsail Beach	6
8/10/2016	NC	Pender	Topsail Beach	19
8/10/2016	NC	Pender	Surf City	8
8/10/2016	NC	Pender	Surf City	11
8/10/2016	NC	Pender	Surf City	12
8/10/2016	NC	Pender	Surf City	19
9/6/2016	CA	Los Angeles	Zuma Beach	9
9/6/2016	CA	Los Angeles	Zuma Beach	13
9/6/2016	CA	Los Angeles	Zuma Beach	15
9/6/2016	CA	Los Angeles	Zuma Beach	19
9/6/2016	CA	Los Angeles	Will Rogers Beach	7
9/6/2016	CA	Los Angeles	Will Rogers Beach	8
9/6/2016	CA	Los Angeles	Will Rogers Beach	13
9/6/2016	CA	Los Angeles	Will Rogers Beach	14
9/7/2016	CA	Los Angeles	Junipero Beach (Long Beach)	1
9/7/2016	CA	Los Angeles	Junipero Beach (Long Beach)	12
9/7/2016	CA	Los Angeles	Junipero Beach (Long Beach)	17
9/7/2016	CA	Los Angeles	Junipero Beach (Long Beach)	18
7/18/2016	OR	Lane	Muriel O Ponsler	3
7/18/2016	OR	Lane	Muriel O Ponsler	13
7/18/2016	OR	Lane	Muriel O Ponsler	14

7/18/2016	OR	Lane	Muriel O Ponsler	19
7/18/2016	OR	Douglas	Tahkenitch	7
7/18/2016	OR	Douglas	Tahkenitch	14
7/18/2016	OR	Douglas	Tahkenitch	15
7/18/2016	OR	Douglas	Tahkenitch	16

Length of Beach (transect length in meters)	Width of Beach (transect width from water)	Debris count per transect	debris/m ²	m2 to 500ft2 conversion
5	60	40	0.1333	6.19
5	62	32	0.1032	4.79
5	54	34	0.1259	5.85
5	53	55	0.2075	9.64
5	44	6	0.0273	1.27
5	44	7	0.0318	1.48
5	40	3	0.0150	0.70
5	40	5	0.0250	1.16
5	51	1	0.0039	0.18
5	52	0	0.0000	0.00
5	52	1	0.0038	0.18
5	48	2	0.0083	0.39
5	25	7	0.0560	2.60
5	24	9	0.0750	3.48
5	22	6	0.0545	2.53
5	21	5	0.0476	2.21
			0.0574	2.67
5	71	23	0.0648	3.01
5	71	14	0.0394	1.83
5	71	18	0.0507	2.36
5	71	6	0.0169	0.79
5	63	21	0.0667	3.10
5	63	22	0.0698	3.24
5	63	23	0.0730	3.39
5	63	21	0.0667	3.10
5	98	39	0.0796	3.70
5	98	104	0.2122	9.86
5	98	33	0.0673	3.13
5	98	35	0.0714	3.32
5	25	25	0.2000	9.29
5	24	23	0.1917	8.90
5	27	14	0.1037	4.82
5	27	37	0.2741	12.73
5	67	7	0.0209	0.97
5	65	9	0.0277	1.29
5	65	12	0.0369	1.72
5	63	10	0.0317	1.47
5	60	6	0.0200	0.93
5	60	8	0.0267	1.24
5	59	14	0.0475	2.20
5	61	17	0.0557	2.59
5	65	12	0.0369	1.72
5	65	15	0.0462	2.14
5	66	6	0.0182	0.84
5	66	9	0.0273	1.27

				0.0730	3.39
5	24	9	0.0750	3.48	
5	43	18	0.0837	3.89	
5	41	6	0.0293	1.36	
5	43	6	0.0279	1.30	
5	56	6	0.0214	1.00	
5	57	6	0.0211	0.98	
5	60	10	0.0333	1.55	
5	63	12	0.0381	1.77	
5	59	8	0.0271	1.26	
5	59	4	0.0136	0.63	
5	63	9	0.0286	1.33	
5	59	22	0.0746	3.46	
5	33	24	0.1455	6.76	
5	28	13	0.0929	4.31	
5	25	16	0.1280	5.95	
5	27	15	0.1111	5.16	
			0.0594	2.76	
5	16.9	16	0.1893	8.80	
5	14.7	16	0.2177	10.11	
5	11.3	16	0.2832	13.15	
5	11.8	8	0.1356	6.30	
5	19.8	19	0.1919	8.91	
5	19.9	0	0.0000	0.00	
5	16	6	0.0750	3.48	
5	18.7	8	0.0856	3.97	
5	39.3	55	0.2799	13.00	
5	42	23	0.1095	5.09	
5	38.7	17	0.0879	4.08	
5	37.2	36	0.1935	8.99	
5	42.9	14	0.0653	3.03	
5	38.8	7	0.0361	1.68	
5	37.9	6	0.0317	1.47	
5	37.7	7	0.0371	1.72	
			0.1262	5.86	
5	33	3	0.0182	0.84	
5	37	66	0.3568	16.57	
5	43	12	0.0558	2.59	
5	44	64	0.2909	13.51	
5	36	20	0.1111	5.16	
5	36	5	0.0278	1.29	
5	36	14	0.0778	3.61	
5	36	14	0.0778	3.61	
5	59	8	0.0271	1.26	
5	59	5	0.0169	0.79	
5	59	5	0.0169	0.79	
5	48	1	0.0042	0.19	

5	30	11	0.0733	3.41
5	35	13	0.0743	3.45
5	42	5	0.0238	1.11
5	40	12	0.0600	2.79
			0.0820	3.81
5	134	17	0.0254	1.18
5	134	15	0.0224	1.04
5	134	39	0.0582	2.70
5	134	22	0.0328	1.53
5	110	9	0.0164	0.76
5	112.7	3	0.0053	0.25
5	107	7	0.0131	0.61
5	107	7	0.0131	0.61
			0.0233	1.08
5	74	42	0.1135	5.27
5	80	49	0.1225	5.69
5	80	46	0.1150	5.34
5	70	26	0.0743	3.45
5	54	65	0.2407	11.18
5	68	55	0.1618	7.51
5	75	41	0.1093	5.08
5	92	67	0.1457	6.77
5	12	14	0.2333	10.84
5	12	7	0.1167	5.42
5	17	22	0.2588	12.02
5	16	13	0.1625	7.55
5	25	23	0.1840	8.55
5	28	36	0.2571	11.94
5	31	23	0.1484	6.89
5	34	21	0.1235	5.74
5	6	17	0.5667	26.32
5	6	12	0.4000	18.58
5	6	8	0.2667	12.39
5	4	2	0.1000	4.65
			0.1950	9.06
5	37	161	0.8703	40.42
5	41	142	0.6927	32.18
5	41	84	0.4098	19.03
5	44	103	0.4682	21.75
			0.6102	28.34

5	109	16	0.0294
5	98	14	0.0286
5	84	13	0.0310
5	76	10	0.0263
5	133	13	0.0195
5	129	11	0.0171
5	129	1	0.0016
5	115	14	0.0243
5	52	5	0.0192
5	60	3	0.0100
5	70	8	0.0229
5	70	9	0.0257
5	32	34	0.2125
5	30	31	0.2067
5	30	39	0.2600
5	24	18	0.1500
5	66	45	0.1364
5	60	34	0.1133
5	52	47	0.1808
5	51	28	0.1098
5	47	13	0.0553
5	44	17	0.0773
5	45	12	0.0533
5	43	20	0.0930
5	39	5	0.0256
5	41	5	0.0244
5	43	4	0.0186
5	34	10	0.0588
5	19	23	0.2421
5	20	11	0.1100
5	20	15	0.1500
5	21	7	0.0667
5	28	6	0.0429
5	20	5	0.0500
5	25	11	0.0880
5	22	4	0.0364
5	57	58	0.2035
5	57	55	0.1930
5	49	51	0.2082
5	49	74	0.3020
5	23	69	0.6000
5	22	86	0.7818
5	20	74	0.7400
5	20	133	1.3300
5	41	1	0.0049
5	33	0	0.0000
5	33	0	0.0000

5	31	2	0.0129
5	53	0	0.0000
5	52	2	0.0077
5	52	1	0.0038
5	52	0	0.0000

Region	Average debris densities/500ft2	% of total per bin (Debris Counts Doubled Scenario)
Pacific Northwest	1.08	12.5
Northeast	2.67	
Southeast	2.76	
Mid-Atlantic	3.39	
California	3.81	50
Gulf of Mexico	5.86	12.5
Great Lakes	9.06	12.5
Orange County, CA	28.34	
Total	8	87.5

Basic Stats (region)

Min.	1.08
Max.	28.34
Median	3.60
Quartile 1	2.690
Q2	3.601
Q3	8.260

Debris Bins

1

2

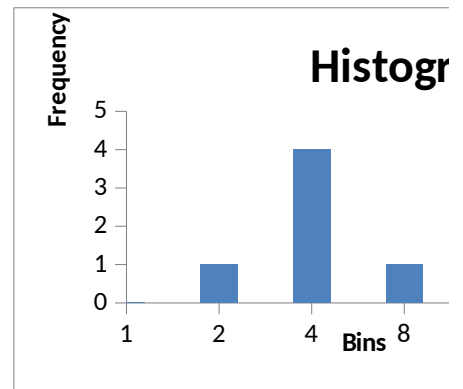
4

8

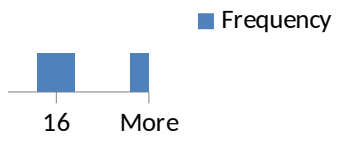
16

Debris counts doubled scenario

<i>Bins</i>	<i>Frequency</i>	<i>% of total per bin</i>
1	0	0%
2	1	12.50%
4	4	50%
8	1	12.50%
16	1	12.50%
More	1	
		87.50%



'am



Basic stats by transect, site, and region

Transect

Debris density/500ft² (transect)

Min:	0.00
Max:	61.78
Median:	3.10
Quartile 1 (25th percentile):	1.20
Quartile 2 (50th percentile):	3.10
Quartile 3 (75th percentile):	6.76

Site

Debris density/500ft² (site averages)

Min:	0.13
Max:	40.08
Median:	2.96
Quartile 1 (25th percentile):	1.39
Quartile 2 (50th percentile):	2.96
Quartile 3 (75th percentile):	7.75

Region

Debris density/500ft² (regional averages)

Min:	1.08
Max:	28.34
Median:	3.60
Quartile 1 (25th percentile):	2.69
Quartile 2 (50th percentile):	3.60
Quartile 3 (75th percentile):	8.26

Debris Counts doubled (1, 2, 4, 8, 16)

Debris Bins	Frequency	% of total per bin
1	7	15.91%
2	11	25.00%
4	7	15.91%
8	9	20.45%
16	8	18.18%
More	2	
		95.45%

Debris Counts doubled scenario

Debris Bins	Frequency	% of total per bin
1	0	0%
2	1	12.50%
4	4	50%
8	1	12.50%
16	1	12.50%
More	1	
		87.50%

