

Table 6. Anderson Level I and II land cover for each of the 13 study regions and portions of those regions that were inundated by flood waters resulting from Hurricane Sandy, October 2012.

[Based on the 2011 National Land Cover Dataset¹. Land-cover values in percent; **bold** denotes dominant land use for region; <, less than]

Region	Anderson Level II land-use classification															Anderson Level I land-use classification								
	Open water	Developed				Barren land	Forest			Shrub/scrub	Grass-land/herbaceous	Pasture/hay	Culti-vated crops	Wetlands		Open water	Developed	Barren land	Forest	Grass/shrub/pasture	Culti-vated crops	Wetlands		
		Open space	Low intensity	Medium intensity	High intensity		Decidu-ous	Ever-green	Mixed					Woody	Emergent herba-ceanous									
Land-cover classification for total area in each region																								
Peconic Bay	26	11	7	3	<1	<1	13	13	2	<1	<1	5	11	2	2	26	23	<1	29	6	11	5		
Great South Bay	23	17	20	15	4	2	6	3	2	1	<1	<1	<1	1	4	23	57	2	11	2	<1	5		
Western Bays	12	11	17	35	10	2	2	<1	1	<1	<1	<1	<1	<1	8	12	73	2	4	<1	<1	8		
Jamaica Bay	17	3.2	7.9	33	31	<1	1	<1	<1	1	<1	<1	<1	<1	4	17	75	<1	1	2	<1	5		
Upper Harbor	21	15	10	19	23	<1	9	2	<1	<1	<1	<1	<1	<1	<1	21	66	<1	11	<1	<1	1		
Newark Bay	4	28	20	22	11	<1	8	<1	<1	<1	<1	<1	<1	5	1	4	80	<1	8	<1	<1	7		
Lower Harbor/ Raritan Bay	22	15	17	11	6	<1	11	<1	<1	<1	<1	<1	2	10	2	22	49	<1	12	3	2	12		
Northeast New Jersey shore	6	24	19	9	3	1	16	<1	2	1	<1	3	4	10	<1	6	55	1	18	5	4	11		
Barnegat Bay	16	11	12	6	2	2	11	9	4	3	<1	<1	1	17	5	16	31	2	24	4	1	22		
Great Bay	9	6	3	2	<1	<1	10	17	6	2	<1	<1	6	28	9	9	11	<1	33	4	6	36		
Atlantic City	6	10	5	3	1	<1	21	3	6	2	<1	<1	5	26	8	6	19	<1	30	3	5	34		
Shinnecock Bay	32	14	17	5	1	6	6	8	2	<1	<1	1	<1	<1	6	32	37	6	15	2	<1	6		
Cape May	31	8	6	6	5	3	2	<1	<1	<1	<1	<1	1	5	30	31	24	3	4	2	1	35		
Land-cover classification for flooded area of each region																								
Peconic Bay	49	6	6	3	<1	3	3	<1	<1	<1	<1	1	<1	3	22	49	16	3	4	2	<1	25		
Great South Bay	44	5	7	9	2	6	1	<1	<1	<1	<1	<1	<1	2	24	44	22	6	1	1	<1	26		
Western Bays	29	4	5	18	10	4	<1	<1	<1	1	<1	<1	<1	<1	28	29	37	4	<1	1	<1	29		
Jamaica Bay	25	3	7	18	23	2	1	<1	<1	4	<1	<1	<1	1	16	25	51	2	1	4	<1	17		
Upper Harbor	38	3	5	18	29	<1	<1	<1	<1	<1	<1	<1	<1	<1	5	38	55	<1	<1	1	<1	5		
Newark Bay	17	4	9	23	25	<1	<1	<1	<1	<1	<1	<1	<1	9	10	17	61	<1	<1	<1	<1	19		
Lower Harbor/ Raritan Bay	23	5	10	14	9	4	1	<1	<1	1	1	<1	<1	7	24	23	39	4	1	2	<1	31		
Northeast New Jersey shore	38	10	15	11	4	6	<1	<1	<1	<1	<1	<1	<1	7	7	38	40	6	2	<1	<1	14		
Barnegat Bay	36	2	5	9	7	1	<1	<1	<1	<1	<1	<1	<1	10	30	36	23	1	<1	<1	<1	39		
Great Bay	26	1	1	3	1	1	<1	<1	<1	<1	<1	<1	<1	15	50	26	7	1	<1	<1	<1	65		
Atlantic City	22	2	2	5	3	<1	<1	<1	<1	<1	<1	<1	<1	14	49	22	13	<1	<1	<1	<1	64		
Shinnecock Bay	48	4	9	5	<1	11	1	<1	<1	<1	<1	<1	<1	<1	20	48	19	11	1	<1	<1	20		
Cape May	30	2	2	5	4	3	<1	<1	<1	<1	<1	<1	<1	3	50	30	13	3	<1	<1	<1	53		

¹Jin and others, 2013.

