

**Table 5.** 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 Dataset<sup>1</sup>. Land-cover values in square kilometers; **bold** denotes dominant land use for region]

Region	Open water	Developed				Barren land	Forest			Shrub/scrub	Grassland/herbaceous	Pasture/hay	Cultivated crops	Wetlands		Regional total
		Open space	Low intensity	Medium intensity	High intensity		Deciduous	Evergreen	Mixed					Woody	Emergent herbaceous	
Land-cover classification for total area in each region																
Cape May	96.2	24.4	18.0	17.4	14.0	8.5	6.6	1.7	2.7	2.4	1.6	0.7	4.0	15.4	92.8	306.5
Shinnecock Bay	50.4	22.1	25.9	8.4	1.7	9.8	9.4	12.1	2.4	0.7	0.8	1.7	1.1	0.8	9.1	156.3
Atlantic City	83.8	138.6	72.9	41.6	16.6	11.8	293.3	48.4	79.4	31.0	7.8	9.1	76.1	364.0	113.7	1,388
Great Bay	159.9	116.3	51.0	29.7	9.5	12.8	184.9	312.2	107.6	43.4	13.3	12.2	101.8	499.8	161.0	1,815
Barnegat Bay	300.4	206.6	235.9	112.8	40.6	39.1	206.9	174.7	84.1	59.9	14.0	8.0	27.5	330.7	95.3	1,936
Northeast New Jersey shore	29.2	118.7	94.1	44.4	12.3	6.4	76.3	2.5	9.4	6.8	3.3	12.6	18.0	50.8	4.6	489.4
Lower Harbor/Raritan Bay	325.8	219.1	257.0	165.5	86.4	13.0	159.2	3.1	9.5	14.4	9.4	13.3	33.7	142.4	31.6	1,483
Newark Bay	65.0	426.8	305.8	333.0	162.8	5.0	122.1	3.5	3.3	2.6	5.0	0.7	2.9	83.1	21.0	1,542
Upper Harbor	196.2	137.9	97.2	178.7	217.2	1.1	82.9	18.4	1.2	1.6	1.0	3.6	0.1	6.2	7.5	950.8
Jamaica Bay	55.0	10.6	26.3	109.0	103.7	1.9	3.4	0.2	0.1	3.8	2.5	0.1	0.3	1.5	13.7	332.2
Western Bays	50.7	47.0	70.2	142.7	42.7	6.8	9.4	0.9	4.6	1.6	0.3	0.4	0.8	1.5	33.2	412.8
Great South Bay	362.5	276.9	321.2	240.3	62.6	33.5	101.5	53.1	24.8	16.6	4.0	10.5	5.9	16.1	62.8	1,592
Peconic Bay	152.5	64.2	43.3	20.1	4.3	3.9	78.4	76.6	14.1	3.4	2.2	28.6	63.8	13.5	13.4	582.4
Land-cover classification for flooded area of each region																
Cape May	55.8	3.0	4.3	8.8	7.8	5.7	0.1	0.1	0.1	0.1	0.2	0.0	0.1	5.3	92.2	183.4
Shinnecock Bay	19.0	1.7	3.5	1.9	0.3	4.2	0.4	0.1	0.0	0.1	0.1	0.1	0.0	0.1	7.9	39.2
Atlantic City	49.4	5.6	4.9	11.3	7.3	1.8	0.2	0.6	0.7	0.5	0.0	0.1	0.9	32.8	112.2	228.1
Great Bay	81.5	4.7	4.6	9.4	3.4	3.4	0.4	0.9	0.7	0.4	0.2	0.0	0.3	47.8	156.3	314.2
Barnegat Bay	112.9	6.8	15.1	29.0	21.1	4.6	0.2	0.3	0.4	0.1	0.2	0.1	0.0	30.7	93.8	315.4
Northeast New Jersey shore	21.5	5.8	8.6	6.1	2.4	3.7	0.5	0.1	0.3	0.1	0.2	0.0	0.0	4.0	3.7	57.1
Lower Harbor/Raritan Bay	27.3	6.5	12.0	16.8	11.4	5.1	1.5	0.1	0.2	1.3	1.3	0.0	0.2	8.8	28.5	120.9
Newark Bay	32.6	8.5	17.0	44.2	46.4	1.6	0.9	0.0	0.0	0.7	0.8	0.1	0.1	17.6	18.8	189.3
Upper Harbor	35.3	2.9	4.9	16.9	26.6	0.3	0.2	0.1	0.0	0.8	0.1	0.0	0.0	0.1	4.6	92.9
Jamaica Bay	20.3	2.2	5.9	14.9	19.1	1.4	1.1	0.0	0.1	2.9	0.6	0.0	0.0	1.2	12.8	82.5
Western Bays	33.8	4.4	5.6	21.5	11.5	4.2	0.3	0.0	0.1	1.2	0.1	0.0	0.2	0.9	32.8	116.6
Great South Bay	104.1	11.0	16.0	20.3	4.2	13.8	2.4	0.3	0.2	2.3	0.5	0.2	0.2	5.0	57.5	238.0
Peconic Bay	26.1	3.0	3.2	1.9	0.5	1.9	1.6	0.5	0.1	0.2	0.2	0.7	0.1	1.7	11.5	53.2

<sup>1</sup>Jin and others, 2013.

