



LAND USE AND LAND COVER CENTRAL ATLANTIC REGIONAL ECOLOGICAL TEST SITE, (CARETS), 1972

These maps are part of a series of land use and land cover maps produced as part of a program to determine the effects of land use changes on the environment. The maps are based on data from the National Aeronautics and Space Administration (NASA) Landsat satellite imagery. The maps are produced at a scale of 1:500,000 and are intended to provide a general overview of land use and land cover in the Central Atlantic Regional Ecological Test Site (CARETS). The maps are not intended to be used for detailed planning or for legal purposes. The maps are produced by the United States Geological Survey (USGS) and are available for purchase from the USGS Store.

Data shown on these maps also exist in digital form. Each of the original line maps was scanned and digitized by the Canada Geographic Information System, Environment Canada, Government of Canada, through a cooperative arrangement between the Canadian and United States governments. One of the products of the digitization of the land use and land cover maps is the list of land use and land cover area measurements by county and independent city, displayed on this map sheet.

A word of caution is in order for the user of these maps. The CARETS project was an experiment. It was not designed to produce definitive land use maps or final products. Rather, it was designed to determine the feasibility of applying satellite-based land use information as derived from remotely sensed data to assist in the solution of regional environmental problems. In this test of land use data, the mapping accuracy varies from one land use category to the next. The greatest inaccuracies occur in the urban and built-up category. However, overall these maps are accurate to approximately 70 percent levels, based on field checks of selected point samples. Since this method of accuracy analysis included no errors (1) the slight misplacement of boundaries and (2) inaccuracies resulting from land use data, the maps are still useful at the scale of map compilation. The level of accuracy attained is believed to be adequate to portray regional-scale land use and land cover patterns.

These maps were sponsored jointly by the National Aeronautics and Space Administration (NASA) and the U.S. Geological Survey under Inter-agency Memorandum of Understanding No. 5-1033-66. Each Resource Technology Satellite Investigation (RTSI) is a cooperative effort between the two agencies. The maps are the result of the efforts of the two agencies and are intended to provide a general overview of land use and land cover in the Central Atlantic Regional Ecological Test Site (CARETS). The maps are not intended to be used for detailed planning or for legal purposes. The maps are produced by the United States Geological Survey (USGS) and are available for purchase from the USGS Store.

The authors thank Eldon Jensen for his supervision of the final drafting and editing of the original 1:500,000-scale land use and land cover maps and Robert Belan for his advice and assistance in the design, content, format, and selection of scale for these 1:500,000-scale maps.

LAND USE AND LAND COVER AREA MEASUREMENTS

STATE	ID CODE	COUNTY OR CITY	AREA TOTALS - Km ²							TOTAL LAND AREA
			1	2	3	4	5	6	7	
Delaware	00001	Kent	10	974	377	352	284	0	1546	2088
	00002	New Castle	228	552	261	130	63	0	1105	1225
	00003	Sussex	63	1321	941	430	96	1	2463	2873
	09001		138	0	21	10	0	0	159	169
District of Columbia	21002	Anne Arundel	296	187	591	448	3	1	1076	1524
	21003	Baltimore	416	407	511	219	0	0	1547	1776
	21004	Baltimore (city)	196	0	14	19	0	0	210	239
	21005	Calvert	6	179	340	310	5	1	269	899
	21006	Caroline	6	325	289	15	3	0	823	838
	21007	Carroll	6	963	186	17	0	0	1155	1182
	21008	Cecil	10	481	406	168	0	0	767	805
	21009	Charles	10	314	871	260	11	0	1206	1466
	21010	Dorchester	9	528	615	1142	251	0	1218	2578
	21011	Frederick	26	1105	505	1	0	0	1712	1717
	21012	Harford	47	626	615	243	10	0	1218	1717
	21013	Howard	87	343	222	3	0	0	632	655
	21014	Kent	0	527	189	314	0	0	726	1040
	21015	Montgomery	236	702	339	15	0	0	1275	1290
	21016	Prince Georges	366	310	577	28	12	0	1265	1293
	21017	Queen Anne's	2	693	235	360	2	0	972	1332
	21018	St. Marys	8	328	613	889	1	0	951	1840
	21019	Somerset	12	268	384	715	216	0	861	1376
	21020	Talbot	6	500	202	536	6	0	713	1251
21021	Wicomico	10	438	437	36	38	0	974	1030	
21022	Worcester	48	444	688	295	54	18	1252	1567	
New Jersey	21023	Atlantic	96	265	920	144	186	0	1467	1613
	21024	Baltimore	207	631	1206	39	38	0	2082	2121
	21025	Camden	224	324	130	1	0	0	578	585
	21026	Cape May	20	146	241	513	190	0	816	1157
	21027	Gloucester	135	459	233	22	0	0	853	875
	21028	Gloucester	162	318	184	0	0	0	564	756
	21029	Warren	48	444	688	295	54	18	1252	1567
	21030	Atlantic	96	265	920	144	186	0	1467	1613
	21031	Baltimore	207	631	1206	39	38	0	2082	2121
	21032	Camden	224	324	130	1	0	0	578	585
Pennsylvania	21033	Cape May	20	146	241	513	190	0	816	1157
	21034	Camden	22	418	541	238	0	0	1201	1777
	21035	Gloucester	135	459	233	22	0	0	853	875
	21036	Gloucester	162	318	184	0	0	0	564	756
	21037	Warren	48	444	688	295	54	18	1252	1567
	21038	Atlantic	96	265	920	144	186	0	1467	1613
	21039	Baltimore	207	631	1206	39	38	0	2082	2121
	21040	Camden	224	324	130	1	0	0	578	585
	21041	Cape May	20	146	241	513	190	0	816	1157
	21042	Camden	22	418	541	238	0	0	1201	1777
Virginia	21043	Gloucester	135	459	233	22	0	0	853	875
	21044	Gloucester	162	318	184	0	0	0	564	756
	21045	Warren	48	444	688	295	54	18	1252	1567
	21046	Atlantic	96	265	920	144	186	0	1467	1613
	21047	Baltimore	207	631	1206	39	38	0	2082	2121
	21048	Camden	224	324	130	1	0	0	578	585
	21049	Cape May	20	146	241	513	190	0	816	1157
	21050	Camden	22	418	541	238	0	0	1201	1777
	21051	Gloucester	135	459	233	22	0	0	853	875
	21052	Gloucester	162	318	184	0	0	0	564	756
Virginia	21053	Warren	48	444	688	295	54	18	1252	1567
	21054	Atlantic	96	265	920	144	186	0	1467	1613
	21055	Baltimore	207	631	1206	39	38	0	2082	2121
	21056	Camden	224	324	130	1	0	0	578	585
	21057	Cape May	20	146	241	513	190	0	816	1157
	21058	Camden	22	418	541	238	0	0	1201	1777
	21059	Gloucester	135	459	233	22	0	0	853	875
	21060	Gloucester	162	318	184	0	0	0	564	756
	21061	Warren	48	444	688	295	54	18	1252	1567
	21062	Atlantic	96	265	920	144	186	0	1467	1613
Pennsylvania	21063	Baltimore	207	631	1206	39	38	0	2082	2121
	21064	Camden	224	324	130	1	0	0	578	585
	21065	Cape May	20	146	241	513	190	0	816	1157
	21066	Camden	22	418	541	238	0	0	1201	1777
	21067	Gloucester	135	459	233	22	0	0	853	875
	21068	Gloucester	162	318	184	0	0	0	564	756
	21069	Warren	48	444	688	295	54	18	1252	1567
	21070	Atlantic	96	265	920	144	186	0	1467	1613
	21071	Baltimore	207	631	1206	39	38	0	2082	2121
	21072	Camden	224	324	130	1	0	0	578	585
Pennsylvania	21073	Cape May	20	146	241	513	190	0	816	1157
	21074	Camden	22	418	541	238	0	0	1201	1777
	21075	Gloucester	135	459	233	22	0	0	853	875
	21076	Gloucester	162	318	184	0	0	0	564	756
	21077	Warren	48	444	688	295	54	18	1252	1567
	21078	Atlantic	96	265	920	144	186	0	1467	1613
	21079	Baltimore	207	631	1206	39	38	0	2082	2121
	21080	Camden	224	324	130	1	0	0	578	585
	21081	Cape May	20	146	241	513	190	0	816	1157
	21082	Camden	22	418	541	238	0	0	1201	1777
Virginia	21083	Gloucester	135	459	233	22	0	0	853	875
	21084	Gloucester	162	318	184	0	0	0	564	756
	21085	Warren	48	444	688	295	54	18	1252	1567
	21086	Atlantic	96	265	920	144	186	0	1467	1613
	21087	Baltimore	207	631	1206	39	38	0	2082	2121
	21088	Camden	224	324	130	1	0	0	578	585
	21089	Cape May	20	146	241	513	190	0	816	1157
	21090	Camden	22	418	541	238	0	0	1201	1777
	21091	Gloucester	135	459	233	22	0	0	853	875
	21092	Gloucester	162	318	184	0	0	0	564	756
Pennsylvania	21093	Warren	48	444	688	295	54	18	1252	1567
	21094	Atlantic	96	265	920	144	186	0	1467	1613
	21095	Baltimore	207	631	1206	39	38	0	2082	2121
	21096	Camden	224	324	130	1	0	0	578	585
	21097	Cape May	20	146	241	513	190	0	816	1157
	21098	Camden	22	418	541	238	0	0	1201	1777
	21099	Gloucester	135	459	233	22	0	0	853	875
	21100	Gloucester	162	318	184	0	0	0	564	756
	21101	Warren	48	444	688	295	54	18	1252	1567
	21102	Atlantic	96	265	920	144	186	0	1467	1613
Virginia	21103	Baltimore	207	631	1206	39	38	0	2082	2121
	21104	Camden	224	324	130	1	0	0	578	585
	21105	Cape May	20	146	241	513	190	0	816	1157
	21106	Camden	22	418	541	238	0	0	1201	1777
	21107	Gloucester	135	459	233	22	0	0	853	875
	21108	Gloucester	162	318	184	0	0	0	564	756
	21109	Warren	48	444	688	295	54	18	1252	1567
	21110	Atlantic	96	265	920	144	186	0	1467	1613
	21111	Baltimore	207	631	1206	39	38	0	2082	2121
	21112	Camden	224	324	130	1	0	0	578	585
Pennsylvania	21113	Cape May	20	146	241	513	190	0	816	1157
	21114	Camden	22	418	541	238	0	0	1201	1777
	21115	Gloucester	135	459	233	22	0	0	853	875
	21116	Gloucester	162	318	184	0	0	0	564	756
	21117	Warren	48	444	688	295	54	18	1252	1567
	21118	Atlantic	96	265	920	144	186	0	1467	1613
	21119	Baltimore	207	631	1206	39	38	0	2082	2121
	21120	Camden	224	324	130	1	0	0	578	585
	21121	Cape May	20	146	241	513	190	0	816	1157
	21122	Camden	22	418	541	238	0	0	1201	1777
Virginia	21123	Gloucester	135	459	233	22	0	0	853	875
	21124	Gloucester	162	318	184	0	0	0	564	756
	21125	Warren	48	444	688	295	54	18	1252	1567
	21126	Atlantic	96	265	920	144	186	0	1467	1613
	21127	Baltimore	207	631	1206	39	38	0	2082	2121
	21128	Camden	224	324	130	1	0	0	578	585
	21129	Cape May	20	146	241	513	190	0	816	1157
	21130	Camden	22	418	541	238	0	0	1201	1777
	21131	Gloucester	135	459	233	22	0	0	853	875
	21132	Gloucester	162	318	184	0	0	0	564	756
Pennsylvania	21133	Warren	48	444	688	295	54	18	1252	1567
	21134	Atlantic	96	265	920	144	186	0	1467	1613
	21135	Baltimore	207	631	1206	39	38	0	2082	2121
	21136	Camden	224	324	130	1	0	0	578	585
	21137	Cape May	20	146	241	513	190	0	816	1157
	21138	Camden	22	418	541	238	0	0	1201	1777
	21139	Gloucester	135	459	233	22	0	0	853	875
	21140	Gloucester	162	318	184	0	0	0	564	756
	21141	Warren	48	444	688	295	54	18	1252	1567
	21142	Atlantic	96	265	920	144	186	0	1467	1613
Virginia	21143	Baltimore	207	631	1206	39	38	0	2082	2121
	21144	Camden	224	324	130	1	0	0	578	585
	21145	Cape May	20	146	241	513	190	0	816	1157
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