

290

290

NT OF THE INTERIOR
ATES GEOLOGICAL SURVEY

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

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MISCELLANEOUS INVESTIGATIONS
FIELD STUDIES MAPS
Published by the U.S. Geological Survey, 1976
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CARETS LAND USE AND LAND COVER MAPS

The following chart shows the number of square kilometers (multiply by 0.3861 to get square miles) of each of six major types of land use and land cover in the 74 counties and 17 cities in five states, plus the District of Columbia, in 1972 covered by the CARETS (Central Atlantic Regional Ecological Test Site) maps published by the U.S. Geological Survey. The column headed by "U" is for urban and built-up land, "A" is for agricultural land, "F" is forest land, "W" is water, "N" is non-forested wetland, and "B" is barren land such as beaches.

County or City	U	A	F	W	N	B	Total Land	Total Land and Water
<u>DELAWARE</u>								
Kent	30	974	377	552	164	0	1,546	2,098
New Castle	228	552	262	120	63	0	1,105	1,225
Sussex	63	1,321	961	430	96	1	2,442	2,872
Total	321	2,847	1,600	1,102	323	1	5,093	6,195
<u>DISTRICT OF COLUMBIA</u>								
	138	0	21	10	0	0	159	169
<u>MARYLAND</u>								
Anne Arundel	294	187	591	448	3	1	1,076	1,524
Baltimore	416	607	524	229	0	0	1,547	1,776
Baltimore City	196	0	14	29	0	0	210	239
Calvert	4	179	380	330	5	1	569	899
Caroline	6	525	289	15	3	0	823	838
Carroll	6	963	186	7	0	0	1,155	1,162
Cecil	20	481	406	168	0	0	907	1,075
Charles	10	314	871	260	11	0	1,206	1,466
Dorchester	7	529	652	1,140	251	0	1,439	2,579
Frederick	26	1,183	503	5	0	0	1,712	1,717
Harford	67	626	425	245	10	0	1,128	1,373
Howard	87	343	222	3	0	0	652	655
Kent	0	527	199	314	0	0	726	1,040
Montgomery	234	702	339	15	0	0	1,275	1,290
Prince Georges	366	310	577	28	12	0	1,265	1,293
Queen Annes	2	693	275	360	2	0	972	1,332
St. Marys	8	329	613	889	1	0	951	1,840
Somerset	12	269	364	715	216	0	861	1,576
Talbot	5	500	202	538	6	0	713	1,251
Wicomico	30	458	447	56	39	0	974	1,030
Worcester	48	444	688	295	54	18	1,252	1,547
Total	1,844	10,169	8,767	6,089	613	20	21,413	27,502
<u>NEW JERSEY</u>								
Atlantic	96	265	920	146	186	0	1,467	1,613
Burlington	207	631	1,206	39	38	0	2,082	2,121
Camden	222	226	130	7	0	0	578	585
Cape May	59	146	281	511	190	0	676	1,187
Cumberland	52	470	542	475	238	0	1,302	1,777
Gloucester	135	459	253	22	6	0	853	875
Ocean	362	93	1,088	355	103	0	1,646	2,001
Salem	18	540	246	127	93	0	897	1,024
Total	1,151	2,830	4,666	1,682	854	0	9,501	11,183


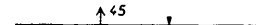














County or City	U	A	F	W	N	B	Total Land	Total Land and Water
<u>PENNSYLVANIA</u>								
Bucks	309	1,028	248	17	0	0	1,585	1,602
Chester	80	1,264	619	2	0	0	1,963	1,965
Delaware	212	126	139	16	0	0	477	493
Montgomery	357	733	173	4	0	0	1,263	1,267
Philadelphia	321	0	25	19	0	0	346	365
Total	1,279	3,151	1,204	58	0	0	5,634	5,692
<u>VIRGINIA</u>								
Counties								
Accomack	21	478	406	1,805	261	21	1,187	2,992
Arlington	70	0	0	3	0	0	70	73
Caroline	4	224	1,147	10	1	0	1,376	1,386
Charles City	1	77	391	52	15	0	484	536
Chesterfield	48	142	919	28	1	0	1,110	1,138
Dinwiddie	33	329	965	5	0	0	1,327	1,332
Essex	2	150	506	65	17	0	675	740
Fairfax	366	158	466	47	0	0	990	1,037
Fauquier	0	1,123	571	1	0	0	1,694	1,695
Gloucester	20	132	407	633	7	0	566	1,199
Goochland	5	171	572	0	0	0	748	748
Greensville	42	175	560	3	0	0	777	780
Hanover	5	397	827	1	0	0	1,229	1,230
Henrico	113	131	373	13	0	0	617	630
Isle of Wight	5	331	484	125	6	0	826	951
James City	2	51	329	81	16	0	398	479
King and Queen	2	135	676	26	4	0	817	843
King George	7	98	361	87	0	0	466	553
King William	2	168	528	26	19	0	717	743
Lancaster	0	117	232	230	0	0	349	579
Loudoun	26	966	402	18	0	0	1,394	1,412
Mathews	0	85	134	385	6	0	225	610
Middlesex	0	91	250	171	1	0	342	513
Nansemond	10	332	675	71	9	0	1,026	1,097
New Kent	1	58	463	33	20	0	542	575
Northampton	12	269	124	1,336	126	18	549	1,885
Northumberland	0	215	286	235	1	0	502	737
Powhatan	5	127	569	0	0	0	701	701
Prince George	16	160	540	37	4	0	720	757
Prince William	66	323	516	37	0	0	905	942
Richmond	0	113	369	65	8	0	490	555
Southampton	0	585	950	10	13	0	1,548	1,558
Spotsylvania	20	186	862	22	0	0	1,068	1,090
Stafford	30	99	570	66	1	0	700	766
Surry	4	161	556	80	4	0	725	805
Sussex	8	343	926	1	6	0	1,283	1,284
Westmoreland	3	173	433	247	2	0	611	858
York	28	57	224	111	15	0	324	435

County or City	U	A	F	W	N	B	Total Land	3. Total Land and Water
<u>VIRGINIA</u>								
Cities								
Alexandria	39	0	1	3	0	0	40	43
Chesapeake	85	279	523	21	1	0	888	909
Colonial Heights	11	0	9	0	0	0	20	20
Fairfax	13	0	0	0	0	0	13	13
Falls Church	6	0	0	0	0	0	6	6
Franklin	1	9	4	0	0	0	14	14
Hampton	103	0	32	62	0	1	136	198
Hopewell	13	0	9	1	0	0	22	23
Newport News	73	20	62	125	20	0	175	300
Norfolk	138	0	1	92	0	0	139	231
Petersburg	15	1	8	0	0	0	24	24
Portsmouth	71	0	4	29	10	0	85	114
Richmond	107	11	39	4	0	0	157	161
Suffolk	3	5	3	0	0	0	11	11
Virginia Beach	183	202	224	280	44	15	688	948
Williamsburg	3	0	1	0	0	0	4	4
Total	1,841	9,457	20,489	6,783	638	55	32,500	39,263
GRAND TOTAL	6,574	28,454	36,747	15,724	2,428	76	74,300	90,004





GEOLOGIC MAP SYMBOLS

COMMONLY USED ON MAPS OF THE UNITED STATES GEOLOGICAL SURVEY




(Special symbols are shown in explanation)

	Contact – Dashed where approximately located; short dashed where inferred; dotted where concealed
	Contact – Showing dip; well exposed at triangle
	Fault – Dashed where approximately located; short dashed where inferred; dotted where concealed
	Fault, showing dip – Ball and bar on downthrown side
	Normal fault – Hachured on downthrown side
	Fault – Showing relative horizontal movement
	Thrust fault – Sawteeth on upper plate
	Anticline – Showing direction of plunge; dashed where approximately located; dotted where concealed
	Asymmetric anticline – Short arrow indicates steeper limb
	Overtured anticline – Showing direction of dip of limbs
	Syncline – Showing direction of plunge; dashed where approximately located; dotted where concealed
	Asymmetric syncline – Short arrow indicates steeper limb
	Overtured syncline – Showing direction of dip of limbs
	Monocline – Showing direction of plunge of axis
	Minor anticline – Showing plunge of axis
	Minor syncline – Showing plunge of axis




Strike and dip of beds – Ball indicates top of beds known from sedimentary structures

	Inclined		Horizontal
	Vertical		Overtured

Strike and dip of foliation

	Inclined		Vertical		Horizontal
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


Strike and dip of cleavage

	Inclined		Vertical		Horizontal
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Bearing and plunge of lineation



	Inclined		Vertical		Horizontal
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Strike and dip of joints



	Inclined		Vertical		Horizontal
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Note: planar symbols (strike and dip of beds, foliation or schistosity, and cleavage) may be combined with linear symbols to record data observed at same locality by superimposed symbols at point of observation. Coexisting planar symbols are shown intersecting at point of observation.

Shafts



	Vertical		Inclined
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Adit, tunnel, or slope

	Accessible		Inaccessible
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x Prospect








Quarry

	Active		Abandoned
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Gravel pit

	Active		Abandoned
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Oil well

	Drilling		Shut-in		Dry hole abandoned
	Gas		Show of gas		
	Oil		Show of oil		