



SOUTHWEST PA SATELLITE LAND COVER

SPC acquired a detailed land cover database, in ARC/INFO format, for the counties of Allegheny, Armstrong, Beaver, Butler, Fayette, Greene, Indiana, Washington, and Westmoreland in August of 1993. Earth Satellite Corporation, Rockville, MD, processed one full scene and one quad scene to provide a modified Anderson Level Two land use analysis for the counties.

Imagery - Landsat TM, Path 17/Row 31 & Path 17/Row 32, 10/02/1992

A different land cover coverage for Allegheny County was created by The Allegheny County Department of Economic Development and is used by SPC. This coverage used the same imagery, but was processed with finer resolution, and land cover was classified differently. A separate table is used for this coverage.

LAND COVER - Armstrong, Beaver, Butler, Fayette, Greene, Indiana, Washington, & Westmoreland Counties					
GRID_CODE	COVER DESCRIPTION	CATEGORY	SUB-CAT	GEN_CODE	GENERAL_DESCRIPTION
1	RESID HIGH DENSITY - URBAN	1	1	10	MED AND HIGH DENSITY RESIDENTIAL
2	RESID - MED DENSITY - URBAN	1	2	10	MED AND HIGH DENSITY RESIDENTIAL
3	RESID - LOW DENSITY - URBAN	1	3	11	LOW DENSITY RESIDENTIAL
4	TRANSPORTATION	2	3	20	NON RESIDENTIAL & MIXED DEVELOPMENT
5	NON RESID - INDUSTRIAL	2	2	21	INDUSTRIAL
6	NON RESID - MIXED DEV	2	1	20	NON RESIDENTIAL & MIXED DEVELOPMENT
7	FOREST - CONIFEROUS	3	1	99	OTHER LAND COVER
8	FOREST - DECIDUOUS	3	2	99	OTHER LAND COVER
9	FOREST - MIXED	3	3	99	OTHER LAND COVER
10	AGRI - CROPLAND	4	1	99	OTHER LAND COVER
12	AGRI - PASTURE & OPEN	4	2	99	OTHER LAND COVER
13	MAINTAINED GRASS	4	2	99	OTHER LAND COVER
14	WETLAND - FORESTED	6	1	99	OTHER LAND COVER
15	WETLAND - NON FORESTED	6	2	99	OTHER LAND COVER
16	HYDRO - RIVER	7	1	99	OTHER LAND COVER
17	HYDRO - LAKES, PONDS OR STREAMS	7	2	99	OTHER LAND COVER
18	STRIP MINES OR DISTURBED	8	1	99	OTHER LAND COVER
19	BARREN	8	2	99	OTHER LAND COVER
20	RESID - LOW DENSITY - RURAL	1	3	11	LOW DENSITY RESIDENTIAL
21	RESID - HIGH DENSITY - RURAL	1	2	10	MED AND HIGH DENSITY RESIDENTIAL

- The GRID_CODE field is used to depict specific Land Cover / Land Use
- General Codes 10, 11, 20, & 21 are used to identify "Developed Areas"



ALLEGHENY COUNTY SATELLITE LAND COVER

SPC acquired a detailed land cover coverage, in ARC/INFO format, for Allegheny County, from The Allegheny County Department of Economic Development. Chester Engineers, Pittsburgh, PA, processed one full scene to provide a modified Anderson Level Two land use analysis for the county.

Imagery - Landsat TM, Path 17/Row 31 & Path 17/Row 32, 10/02/1992

LAND COVER - Allegheny County					
GRID_CODE	COVER DESCRIPTION	CATEGORY	SUB-CAT	GEN_CODE	GENERAL_DESCRIPTION
0	BACKGROUND - NO COVER	-	-	-	* NOT REPRESENTED AS LAND COVER *
1	WATER	7	1	99	OTHER LAND COVER
2	TRANSPORTATION	2	3	20	NON RESIDENTIAL & MIXED DEVELOPMENT
3	FOREST	3	3	99	OTHER LAND COVER
4	GRASSLAND / OPEN SPACE	4	2	99	OTHER LAND COVER
5	AGRICULTURAL / PASTURE	4	1	99	OTHER LAND COVER
6	LOW DENSITY RESIDENTIAL	1	3	11	LOW DENSITY RESIDENTIAL
7	MEDIUM DENSITY RESIDENTIAL	1	2	10	MED AND HIGH DENSITY RESIDENTIAL
8	HIGH DENSITY RESIDENTIAL	1	1	10	MED AND HIGH DENSITY RESIDENTIAL
9	IDENTIFIED MALLS	2	1	20	NON RESIDENTIAL & MIXED DEVELOPMENT
10	COMMERCIAL	2	1	20	NON RESIDENTIAL & MIXED DEVELOPMENT
11	INDUSTRIAL	2	2	21	INDUSTRIAL
12	HEAVY INDUSTRIAL	2	2	21	INDUSTRIAL
13	STRIP MINE	8	1	99	OTHER LAND COVER
14	NON-VEGETATED	8	2	99	OTHER LAND COVER

- The GRID_CODE field is used to depict specific Land Cover / Land Use
- General Codes 10, 11, 20, & 21 are used to identify "Developed Areas"
- Due to the large size, there are three ARC/INFO coverages:
 - COVERN** - North of the Allegheny & Ohio Rivers
 - COVERS** - South of the Ohio, and West of the Monongahela River
 - COVERE** - South of the Allegheny, and East of the Monongahela River

