



ESM - WAGENINGEN  
country : USA  
subject : 17th map  
scale : 1:100,000  
map ref. : 665 412-14  
libr. ref. : —

**1 URBAN OR BUILT-UP LAND**

- 11 Residential
- 12 Industrial and services
- 13 Industrial
- 14 Transportation, communications and utilities
- 15 Industrial and commercial
- 16 Mixed urban or built-up land
- 17 Other urban or built-up land

**2 AGRICULTURAL LAND**

- 21 Cropland and pasture
- 22 Pasture
- 23 Forest and ornamental
- 24 Other agricultural land

**3 RANGELAND**

- 31 Herbaceous rangeland
- 32 Wooded rangeland
- 33 Mixed rangeland

**4 FOREST LAND**

- 41 Deciduous forest land
- 42 Evergreen forest land
- 43 Mixed forest land

**5 WATER**

- 51 Streams and canals
- 52 Lakes
- 53 Reservoirs
- 54 Bays and estuaries

**6 WETLAND**

- 61 Forested wetland
- 62 Nonforested wetland

**7 BARREN LAND**

- 71 Salt flats
- 72 Barren
- 73 Shrub areas other than brush
- 74 Shrub areas
- 75 Strip mines, quarries, and
- 76 Terraced areas
- 77 Mixed barren land

**8 TUNDRA**

- 81 Shrub and leafy tundra
- 82 Bare ground tundra
- 83 Wet tundra
- 84 Mixed tundra

**9 PERENNIAL SNOW OR ICE**

- 91 Perennial snowfields
- 92 Glaciers

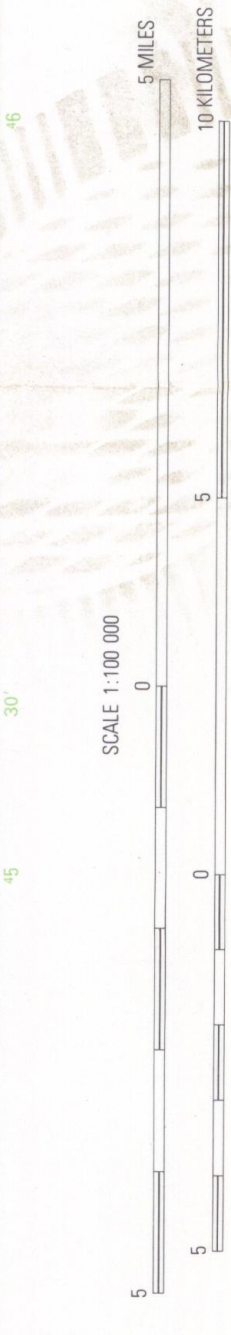
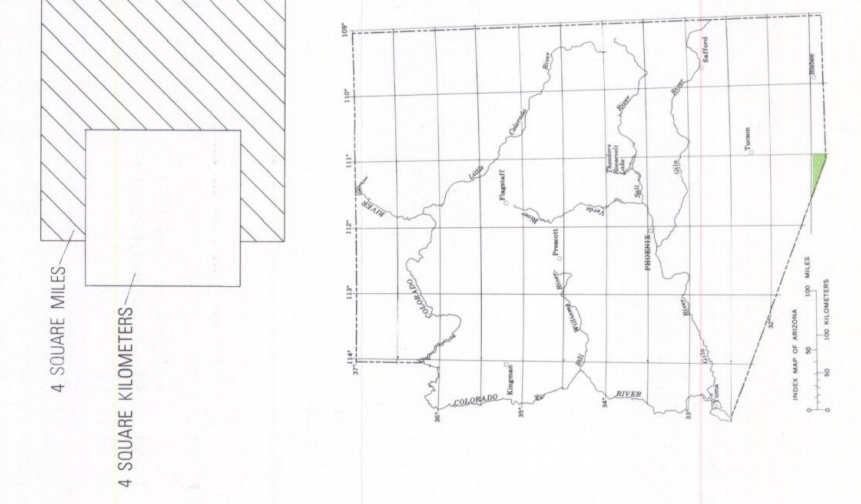
For additional Level I and Level II categories see U.S. Geological Survey Professional Paper 964, A Land Use and Land Cover Classification System with remote sensor data, 1976, by J. R. Anderson, E. E. Hartley, J. T. Riitters, and R. E. Wilmer.

The development of a geographic information system for the Atascosa Mountains, Arizona, is described in U.S. Geological Survey Professional Paper 964, A Land Use and Land Cover Classification System with remote sensor data, 1976, by J. R. Anderson, E. E. Hartley, J. T. Riitters, and R. E. Wilmer.

Land use and land cover information compiled from source materials dated 1972-73.

Minimum mapping units are 1 acre (0.4047 ha) for urban occurrences of 7% and 16 hectares (40 acres) for all other level I categories.

For more information, see U.S. Geological Survey Open-File Report 77-505, Specifications for land use and land cover and associated maps, 1977, by G. L. Goffin, et al.



LAND USE AND LAND COVER, 1972-73  
ATASCOSA MOUNTAINS, ARIZONA