

- 1 URBAN OR BUILT-UP LAND**
 - 11 Residential
 - 12 Commercial and services
 - 13 Industrial
 - 14 Transportation, communications and utilities
 - 15 Industrial and commercial complexes
 - 16 Mixed urban or built-up land
 - 17 Other urban or built-up land
- 2 AGRICULTURAL LAND**
 - 21 Cropland and pasture
 - 22 Orchards, groves, vineyards, nurseries, and ornamental horticultural areas
 - 23 Confined feeding operations
 - 24 Other agricultural land
- 3 RANGELAND**
 - 31 Herbaceous rangeland
 - 32 Shrub and brush 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 Dry salt flats
 - 72 Beaches
 - 73 Sandy areas other than beaches
 - 74 Bare exposed rocks
 - 75 Strip mines, quarries, and gravel pits
 - 76 Transitional areas
 - 77 Mixed barren land
- 8 TUNDRA**
 - 81 Shrub and brush tundra
 - 82 Herbaceous tundra
 - 83 Bare ground tundra
 - 84 Wet tundra
 - 85 Mixed tundra
- 9 PERENNIAL SNOW OR ICE**
 - 91 Perennial snowfields
 - 92 Glaciers

For definitions of Level I and Level II categories see U.S. Geological Survey Professional Paper 964, *A land use and land cover classification system for use with remote sensor data*, 1976, by J. R. Anderson, E. E. Hardy, J. T. Roach, and R. E. Winer.

The development of a geographic information system incorporating digital land use data is described in U.S. Geological Survey Professional Paper 1059, *GHAS: A geographic information retrieval and analysis system for handling land use and land cover data*, 1977, by W. B. Mitchell, S. C. Gupta, K. E. Anderson, R. G. Fegeas, and C. A. Hillam.

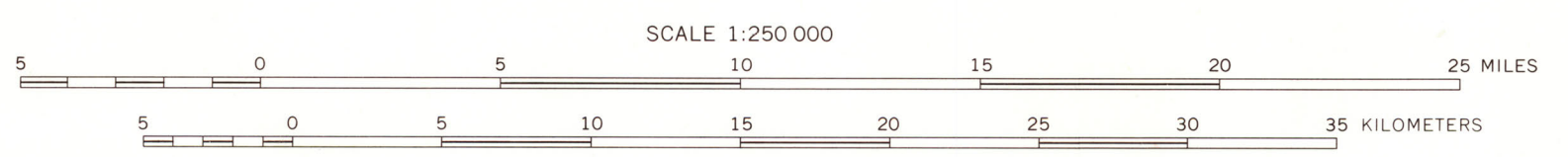
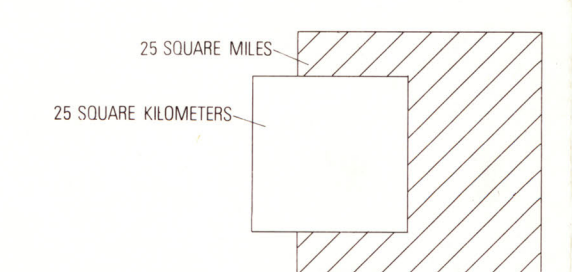
Land use and land cover information compiled from source materials dated 1974.

Minimum mapping units are: 4 hectares (10 acres) for Level II categories 11-17, 23-24, 51-54, 75, and urban occurrences of 76; and 16 hectares (40 acres) for all other Level II categories.

For compilation specifications see U.S. Geological Survey Open-file report 77-555, *Specifications for land use and land cover and associated maps*, 1977, by G. L. Loelkes, Jr.

Compilation verified by field check.

Base from U.S. Geological Survey, 1955-69



LOCATION DIAGRAM

NK 14-7 NEBRASKA NEBRASKA	NK 14-8 NEBRASKA NEBRASKA	NK 14-9 NEBRASKA NEBRASKA	NK 14-10 NEBRASKA NEBRASKA	NK 14-11 NEBRASKA NEBRASKA	NK 14-12 NEBRASKA NEBRASKA	NK 14-13 NEBRASKA NEBRASKA	NK 14-14 NEBRASKA NEBRASKA	NK 14-15 NEBRASKA NEBRASKA	NK 14-16 NEBRASKA NEBRASKA	NK 14-17 NEBRASKA NEBRASKA	NK 14-18 NEBRASKA NEBRASKA	NK 14-19 NEBRASKA NEBRASKA	NK 14-20 NEBRASKA NEBRASKA	NK 14-21 NEBRASKA NEBRASKA	NK 14-22 NEBRASKA NEBRASKA	NK 14-23 NEBRASKA NEBRASKA	NK 14-24 NEBRASKA NEBRASKA	NK 14-25 NEBRASKA NEBRASKA	NK 14-26 NEBRASKA NEBRASKA	NK 14-27 NEBRASKA NEBRASKA	NK 14-28 NEBRASKA NEBRASKA	NK 14-29 NEBRASKA NEBRASKA	NK 14-30 NEBRASKA NEBRASKA	NK 14-31 NEBRASKA NEBRASKA	NK 14-32 NEBRASKA NEBRASKA	NK 14-33 NEBRASKA NEBRASKA	NK 14-34 NEBRASKA NEBRASKA	NK 14-35 NEBRASKA NEBRASKA	NK 14-36 NEBRASKA NEBRASKA	NK 14-37 NEBRASKA NEBRASKA	NK 14-38 NEBRASKA NEBRASKA	NK 14-39 NEBRASKA NEBRASKA	NK 14-40 NEBRASKA NEBRASKA	NK 14-41 NEBRASKA NEBRASKA	NK 14-42 NEBRASKA NEBRASKA	NK 14-43 NEBRASKA NEBRASKA	NK 14-44 NEBRASKA NEBRASKA	NK 14-45 NEBRASKA NEBRASKA	NK 14-46 NEBRASKA NEBRASKA	NK 14-47 NEBRASKA NEBRASKA	NK 14-48 NEBRASKA NEBRASKA	NK 14-49 NEBRASKA NEBRASKA	NK 14-50 NEBRASKA NEBRASKA	NK 14-51 NEBRASKA NEBRASKA	NK 14-52 NEBRASKA NEBRASKA	NK 14-53 NEBRASKA NEBRASKA	NK 14-54 NEBRASKA NEBRASKA	NK 14-55 NEBRASKA NEBRASKA	NK 14-56 NEBRASKA NEBRASKA	NK 14-57 NEBRASKA NEBRASKA	NK 14-58 NEBRASKA NEBRASKA	NK 14-59 NEBRASKA NEBRASKA	NK 14-60 NEBRASKA NEBRASKA	NK 14-61 NEBRASKA NEBRASKA	NK 14-62 NEBRASKA NEBRASKA	NK 14-63 NEBRASKA NEBRASKA	NK 14-64 NEBRASKA NEBRASKA	NK 14-65 NEBRASKA NEBRASKA	NK 14-66 NEBRASKA NEBRASKA	NK 14-67 NEBRASKA NEBRASKA	NK 14-68 NEBRASKA NEBRASKA	NK 14-69 NEBRASKA NEBRASKA	NK 14-70 NEBRASKA NEBRASKA	NK 14-71 NEBRASKA NEBRASKA	NK 14-72 NEBRASKA NEBRASKA	NK 14-73 NEBRASKA NEBRASKA	NK 14-74 NEBRASKA NEBRASKA	NK 14-75 NEBRASKA NEBRASKA	NK 14-76 NEBRASKA NEBRASKA	NK 14-77 NEBRASKA NEBRASKA	NK 14-78 NEBRASKA NEBRASKA	NK 14-79 NEBRASKA NEBRASKA	NK 14-80 NEBRASKA NEBRASKA	NK 14-81 NEBRASKA NEBRASKA	NK 14-82 NEBRASKA NEBRASKA	NK 14-83 NEBRASKA NEBRASKA	NK 14-84 NEBRASKA NEBRASKA	NK 14-85 NEBRASKA NEBRASKA	NK 14-86 NEBRASKA NEBRASKA	NK 14-87 NEBRASKA NEBRASKA	NK 14-88 NEBRASKA NEBRASKA	NK 14-89 NEBRASKA NEBRASKA	NK 14-90 NEBRASKA NEBRASKA	NK 14-91 NEBRASKA NEBRASKA	NK 14-92 NEBRASKA NEBRASKA	NK 14-93 NEBRASKA NEBRASKA	NK 14-94 NEBRASKA NEBRASKA	NK 14-95 NEBRASKA NEBRASKA	NK 14-96 NEBRASKA NEBRASKA	NK 14-97 NEBRASKA NEBRASKA	NK 14-98 NEBRASKA NEBRASKA	NK 14-99 NEBRASKA NEBRASKA	NK 15-00 NEBRASKA NEBRASKA
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**LAND USE AND LAND COVER, 1974
MANHATTAN, KANSAS**