
Title: KATLANDC

Theme keywords: Land Cover/Use, Kansas Water Quality Action Targeting System

Identification Information

Citation Information

Originator: Kansas Department of Health and Environment (KDHE) and the Kansas Water Office (KWO)

Publication Date: 1996

Online linkage: <http://gisdasc.kgs.ukans.edu>

Point of Contact:

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Time Period of Content/Currentness Reference: publication date

Native Data Set Environment: Arc/Info

Status

Progress: available

Maintenance & Update Frequency: Unknown

Spatial Domain

Bounding coordinates

North: 41.0 *East:* -94.0

South: 36.0 *West:* -104.0

Geographic Area: Kansas

Description

Abstract: Compiled source materials to represent land cover/use hazard

Purpose: Resource element dataset for the KATS system to target valuable or vulnerable water resources for water quality assessment evaluation.

Access Constraints: None

Use Constraints: This tool should only be used for preliminary assessment and is inappropriate for small-scale analyses. Data is current as of publication date. KDHE and KWO are not responsible for database integrity following download and publication. To be used at minimum scale of 1:100,000.

Data Quality Information

Lineage/Source Information

Type of source media: DLG, Scanned Maps, EPA RF-3

Source scale denominator: 1:500,000, 1:100,000, 1:24,000

Source citation abbreviation: Kansas Applied Remote Sensing, Kansas Water Office

Attribute Accuracy/Attribute Accuracy Value: Variable dependent upon currency of source material. See KATS project documentation for component synthesis procedures.

Attribute Accuracy Report: Irrespective of source or form, raw values for each water resource element were aggregated within a HUC 11 unit and normalized to a 5-point nominal scale, see normalized or ranked values. See KATS project documentation for component synthesis procedures.

Positional Accuracy/Horizontal Positional Accuracy/Horizontal Positional Accuracy Value: not applicable

Horizontal Positional Accuracy Report: All water resource elements used in the KATS system have been aggregated to HUC 11 areal units. Refer to HUC 11 metadata report for horizontal accuracy criteria.

Spatial Data Organization Information

Direct Spatial Reference Method/Raster or Vector Object Type: Vector

Spatial Reference Information

Horizontal Coordinate System Definition/Map Projection: Lambert Conformal Conic

1st Standard Parallel: 33 0 0.000

2nd Standard Parallel: 45 0 0.000

Central Meridian: -98 15 0.000

Latitude of Projection Origin: 36 0 0.000

False Easting: 0 meters

False Northing: 0 meters

Geographic/Map Coordinate Units: Meters

Entity and Attribute Information

Overview Description/Entity and Attribute Overview:

LCUSE_COEF - Land cover/use coefficient = (urbanp * 4) + (rowp * 3) + (smgrp * 2) + (grassp) + (woodp) + (otherp)

**LCUSENS - Normalized land cover/use hazard for each Huc-11 Watershed

**LCUSERS - Ranked land cover/use hazard score, use for individual element assessment only

URBANP - Percentage of urban land cover/use in each Huc-11 Watershed

ROWP - Percentage of row crop land cover/use in each Huc-11 Watershed

SMGRP - Percentage of small grain land cover/use in each Huc-11 Watershed

GRASSP - Percentage of grass land cover/use in each Huc-11 Watershed

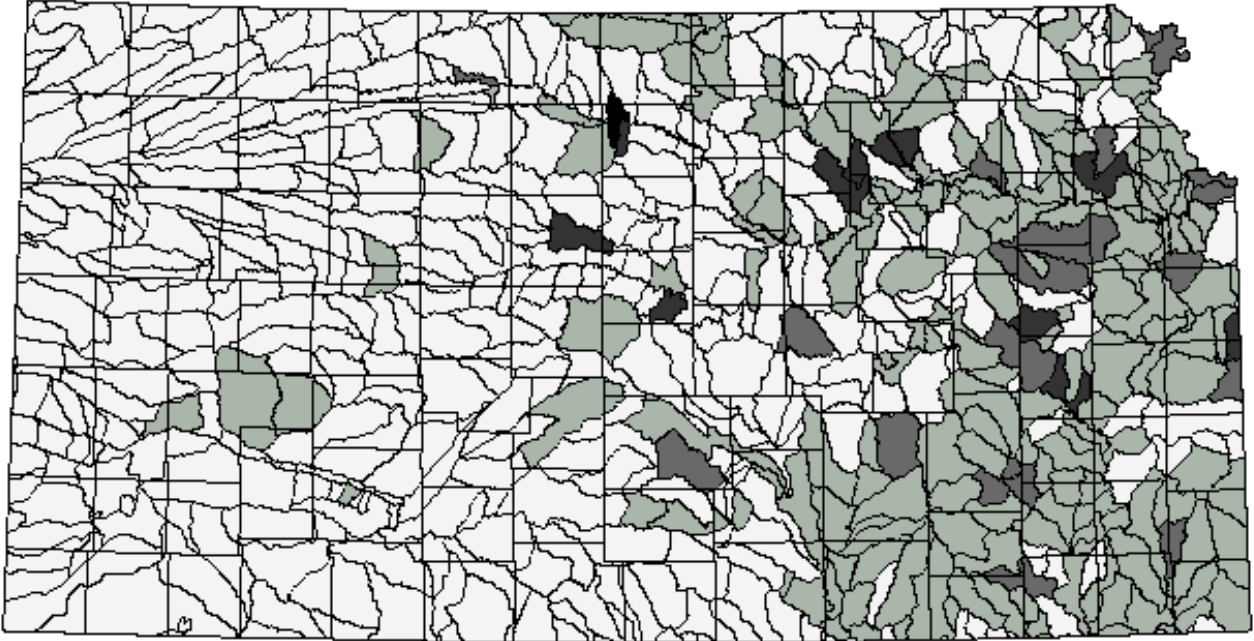
WOODP - Percentage of wooded area land cover/use in each Huc-11 Watershed

WATERP - Percentage of water area land cover/use in each Huc-11 Watershed

OTHERP - Percentage of other types of land cover/use in each Huc-11 Watershed

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Browse Graphic File Description: Huc-11 Watershed areas are shaded by values in the WATERP field which details the percentage of water area land cover/use in each Huc-11 Watershed.



White = 0, Light Gray = 0 - 0.02, Medium Gray = 0.02 - 0.06, Dark Gray = 0.06 - 0.11, Black = 0.11 - 0.19

Standard Order Process

Digital Form/Digital Transfer Information

Format Name: Arc/Info Interchange

Transfer Size: 6.2 MB

Format Information Content: Tiled by the State of Kansas.

Digital Transfer Option

Online Option

Network Address: <http://gisdasc.kgs.ukans.edu>

Access Instructions: The State of Kansas KAT'S Land Cover/Use Hazard coverage is stored in ESRI's Arc/Info Interchange Format and can be downloaded from the DASC home page or by connecting directly to the DASC anonymous FTP server at gisdasc.kgs.ukans.edu. To connect to the FTP server use the login name of anonymous and your E-mail address as the password.

Offline Option/Offline Media: 3.5" disk, CD, 8 mm or 4 mm cartridge tape, Zip disk