
Title: SC_97

Theme keywords: Stream Monitoring System, hydrography, monitoring, environmental sampling

Identification Information

Citation Information

Originator: Kansas Department of Health and Environment (KDHE)

Publication Date: 02/1997

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: The Stream Monitoring System coverage, used to support water quality programs, references sampling locations across the state. The coverage data is current as of the publication date. The KDHE/BER operational database is a dynamic database.

Purpose: This coverage was developed to improve program staff reporting capabilities, to cross-reference these locations with EPA's hydrologic reach reference system, and to establish a stable reference for continued water monitoring assessment.

Access Constraints: None

Use Constraints: Data is current as of publication date. KDHE/BOW is not responsible for database integrity following download and publication. To be used at minimum scale of 1:24000. Contact KDHE for more information.

Data Quality Information

Lineage:/Source Information

Type of source media: KDHE program database source, EPA-RF3 hydrologic data

Source scale denominator: 24,000

Source citation abbreviation: KDHE, EPA

Attribute Accuracy:/Attribute Accuracy Value: Attribute database reflects internal KDHE QAQC controls for related source materials as of publication date

Attribute Accuracy Report: Where applicable, KDHE database QAQC includes data entry validity checks for acceptable ranges and coincident spatial references. Located point, line and polygon resources are cross-referenced against a standard series of administrative and physical boundary files that include county, KDHE district, hydrologic basin, hydrologic unit code 8 and 11. HUC association error for STATE_SWIM is an estimated five percent.

Positional Accuracy:/Horizontal Positional Accuracy:/Horizontal Positional Accuracy Value: GPS horizontal accuracy is +/- 5 meters.

Horizontal Positional Accuracy Report: Differential correction post-processing using K-State Salina base station data is used to derive GPS coordinates.

Spatial Data Organization Information

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

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

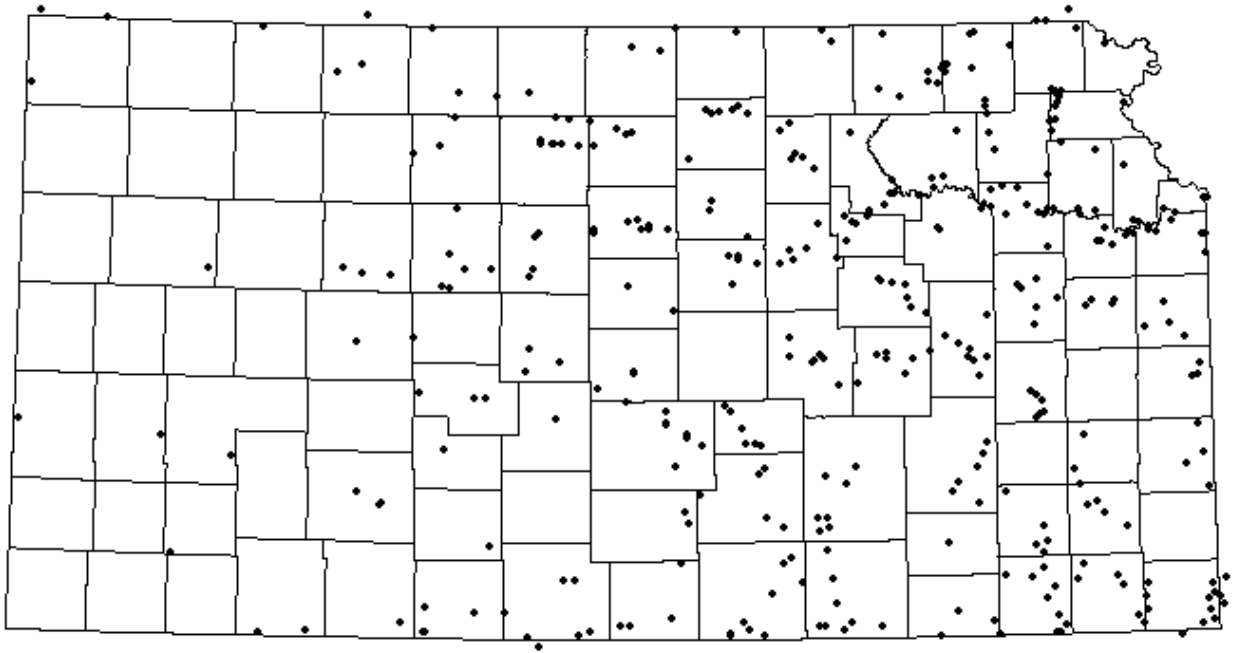
Entity and Attribute Information

Overview Description:/Entity and Attribute Overview:

| | |
|-------------|-------------------------------|
| SITE_ID_NO | KDHE identification reference |
| SITE_STREAM | Stream name |
| SITE_NUM | Program reference number |
| GPS_Y_N | GPS location |
| LATDD | Latitude, decimal degrees |
| LONGDD | Longitude, decimal degrees |
| LOCATION | Physical description |
| CNTY | County (alpha code) |
| CNTYNAME | County name |
| DISTRICT | KDHE District Office |
| HUC11CODE | HUC11 watershed code |
| STATE_SWIM | SWIMS reference |
| BASIN | KDHE River Basin name |
| BASCODE | KDHE River Basin abbreviation |
| STATE | State name abbreviation |

Title: SC_97

Browse Graphic File Description: Stream Monitoring System sampling locations



Standard Order Process

Digital Form/Digital Transfer Information

Format Name: Arc/Info Interchange

Transfer Size: 79,627 KB

Format Information Content: Tiled by the State.

Digital Transfer Option

Online Option

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

Access Instructions: The State of Kansas Stream Monitoring 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 tape