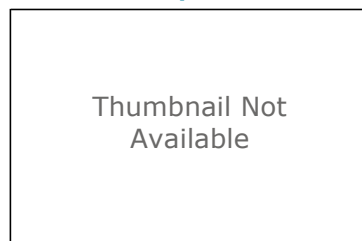


Unconsolidated Limited Data and Nonaquifer Areas for Sullivan County, Indiana

Shapefile



Tags

No data zone, water wells, unconsolidated aquifer, Indiana Department of Natural Resources (IDNR), Division of Water (DOW), Sullivan County, Indiana, USA

Summary

Display and/or analyses requiring spatial distribution of lack of static water levels in the unconsolidated aquifers of Sullivan County.

Description

This file is a digital polygon coverage of the lack of available aquifer static water level data within unconsolidated aquifers for Sullivan County in Indiana.

Credits

It is requested that the Indiana Department of Natural Resources, Division of Water be cited in any products generated from this data.

Use limitations

Acknowledgement of the following agency in products derived from these data: Indiana Department of Natural Resources, Division of Water. This map was compiled by staff of the Indiana Department of Natural Resources, Division of Water using data believed to be reasonably accurate. However, a degree of error is inherent in all maps. This product is distributed "as-is" without warranties of any kind, either expressed or implied. The maps are intended for use only at the published scale. The information on these media is proprietary to the State of Indiana, Indiana Department of Natural Resources, Division of Water. Any copying, adaptation, or distribution of these data without the express written consent of IDNR-DOW is discouraged. It is not recommended that these data be used for purposes other than general estimate of static water level elevations. Site specific conditions may vary considerably from mapped estimates.

Extent

West -87.656296 **East** -87.239215
North 39.260804 **South** 38.900012

Scale Range

Maximum (zoomed in) 1:5,000
Minimum (zoomed out) 1:150,000,000

ArcGIS Metadata ►

Topics and Keywords ►

THEMES OR CATEGORIES OF THE RESOURCE [geoscientificInformation](#)

* CONTENT TYPE [Downloadable Data](#)

[EXPORT TO FGDC CSDGM XML FORMAT AS RESOURCE DESCRIPTION](#) [No](#)

PLACE KEYWORDS Sullivan County, Indiana, USA

THEME KEYWORDS unconsolidated

THEME KEYWORDS static water level

THEME KEYWORDS groundwater

THEME KEYWORDS water wells

THEME KEYWORDS Indiana Department of Natural Resources (IDNR)

THEME KEYWORDS Division of Water (DOW)

[Hide Topics and Keywords ▲](#)

Citation ►

TITLE Unconsolidated Limited Data and Nonaquifer Areas for Sullivan County, Indiana

CREATION DATE 2017-04-14 00:00:00

PUBLICATION DATE 2017-06-09 00:00:00

EDITION 1

PRESENTATION FORMATS *digital map

SERIES

NAME Unconsolidated Potentiometric Surface Map

ISSUE PSM 67-A

OTHER CITATION DETAILS

This map was compiled from multiple unpublished work maps based on USGS quadrangles at 1:24,000 scale: Bucktown, Carlisle, Dugger, Fairbanks, Heathsville, Hutton, Hymera, Jasonville, Lewis, Linton, Merom, Saline City, Shelburn, and Sullivan.

[Hide Citation ▲](#)

Citation Contacts ►

RESPONSIBLE PARTY

ORGANIZATION'S NAME Indiana Department of Natural Resources

CONTACT'S ROLE publisher

CONTACT INFORMATION ►

ADDRESS

TYPE

DELIVERY POINT Indianapolis, Indiana, USA

[Hide Contact information ▲](#)

RESPONSIBLE PARTY

INDIVIDUAL'S NAME Kristiana E. Cox

ORGANIZATION'S NAME Indiana Department of Natural Resources, Division of Water

CONTACT'S POSITION Resources Assessment Section

CONTACT'S ROLE originator

CONTACT INFORMATION ►

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TYPE both

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CITY Indianapolis
ADMINISTRATIVE AREA Indiana
POSTAL CODE 46204
COUNTRY US
E-MAIL ADDRESS kcox3@dnr.IN.gov

HOURS OF SERVICE
8:15am - 4:15pm M-F except Government Holidays

[Hide Contact information ▲](#)

[Hide Citation Contacts ▲](#)

Resource Details ►

DATASET LANGUAGES * English (UNITED STATES)
DATASET CHARACTER SET utf8 - 8 bit UCS Transfer Format

STATUS completed
SPATIAL REPRESENTATION TYPE * vector

* PROCESSING ENVIRONMENT Microsoft Windows 7 Version 6.1 (Build 7601) Service Pack 1; Esri ArcGIS 10.4.1.5686

CREDITS

It is requested that the Indiana Department of Natural Resources, Division of Water be cited in any products generated from this data.

ARCGIS ITEM PROPERTIES

* NAME UNC_Limited_Data_Nonaquifer_Sullivan_Co_IN
* SIZE 0.038
* LOCATION file:///\\iotisip01pa\dnrgis\$\!
Potentiometric\Sullivan\2_Shapefiles\Shapefiles_FINAL_Map\UNC_Limited_Data_Nonaquifer_Sullivan_Co_IN.shp
* ACCESS PROTOCOL Local Area Network

[Hide Resource Details ▲](#)

Extents ►

EXTENT

DESCRIPTION
Extent used for searching

GEOGRAPHIC EXTENT

BOUNDING RECTANGLE
EXTENT TYPE Extent used for searching
* WEST LONGITUDE -87.656296
* EAST LONGITUDE -87.239215
* NORTH LATITUDE 39.260804
* SOUTH LATITUDE 38.900012
* EXTENT CONTAINS THE RESOURCE Yes

EXTENT

DESCRIPTION
Publication Date

TEMPORAL EXTENT

DATE AND TIME 2017-04-14 00:00:00

EXTENT IN THE ITEM'S COORDINATE SYSTEM

* WEST LONGITUDE 443377.874213
* EAST LONGITUDE 479257.249213
* SOUTH LATITUDE 4305883.500810
* NORTH LATITUDE 4345746.500810
* EXTENT CONTAINS THE RESOURCE Yes

[Hide Extents ▲](#)

Resource Points of Contact ►

POINT OF CONTACT

INDIVIDUAL'S NAME Kristiana E. Cox
ORGANIZATION'S NAME Indiana Department of Natural Resources, Division of Water
CONTACT'S POSITION Resources Assessment Section
CONTACT'S ROLE point of contact

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ONLINE RESOURCE

LOCATION www.in.gov/dnr/water/7256.htm
FUNCTION PERFORMED download

HOURS OF SERVICE

8:15am - 4:15pm M-F except Government Holidays

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[Hide Resource Points of Contact ▲](#)

Resource Maintenance ►

RESOURCE MAINTENANCE

UPDATE FREQUENCY not planned

[Hide Resource Maintenance ▲](#)

Resource Constraints ►

CONSTRAINTS

LIMITATIONS OF USE

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LIMITATIONS OF USE

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ACCESS CONSTRAINTS other restrictions

OTHER CONSTRAINTS

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[Hide Resource Constraints](#) ▲

Spatial Reference ►

ARCGIS COORDINATE SYSTEM

- * TYPE Projected
- * GEOGRAPHIC COORDINATE REFERENCE GCS_North_American_1983
- * PROJECTION NAD_1983_UTM_Zone_16N
- * COORDINATE REFERENCE DETAILS
 - PROJECTED COORDINATE SYSTEM
 - WELL-KNOWN IDENTIFIER 26916
 - X ORIGIN -5120900
 - Y ORIGIN -9998100
 - XY SCALE 450445547.3910538
 - Z ORIGIN -100000
 - Z SCALE 10000
 - M ORIGIN -100000
 - M SCALE 10000
 - XY TOLERANCE 0.001
 - Z TOLERANCE 0.001
 - M TOLERANCE 0.001
 - HIGH PRECISION true
 - LATEST WELL-KNOWN IDENTIFIER 26916
 - WELL-KNOWN TEXT PROJCS["NAD_1983_UTM_Zone_16N",GEOGCS["GCS_North_American_1983",DATUM["D_North_American_1983",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],PROJECTION["Transverse_Mercator"],PARAMETER["False_Easting",500000.0],PARAMETER["False_Northing",0.0],PARAMETER["Central_Meridian",-87.0],PARAMETER["Scale_Factor",0.9996],PARAMETER["Latitude_Of_Origin",0.0],UNIT["Meter",1.0],AUTHORITY["EPSG",26916]]

REFERENCE SYSTEM IDENTIFIER

- * VALUE 26916
- * CODESPACE EPSG
- * VERSION 6.13(3.0.1)

[Hide Spatial Reference](#) ▲

Spatial Data Properties ►

VECTOR ►

- * LEVEL OF TOPOLOGY FOR THIS DATASET geometry only

GEOMETRIC OBJECTS

- FEATURE CLASS NAME UNC_Limited_Data_Nonaquifer_Sullivan_Co_IN
- * OBJECT TYPE composite
- * OBJECT COUNT 2

[Hide Vector](#) ▲

ARCGIS FEATURE CLASS PROPERTIES ►

- FEATURE CLASS NAME UNC_Limited_Data_Nonaquifer_Sullivan_Co_IN
- * FEATURE TYPE Simple
- * GEOMETRY TYPE Polygon
- * HAS TOPOLOGY FALSE
- * FEATURE COUNT 2

* SPATIAL INDEX TRUE
* LINEAR REFERENCING FALSE

[Hide ArcGIS Feature Class Properties ▲](#)

[Hide Spatial Data Properties ▲](#)

Data Quality ►

SCOPE OF QUALITY INFORMATION ►
RESOURCE LEVEL dataset

[Hide Scope of quality information ▲](#)

DATA QUALITY REPORT - COMPLETENESS OMISSION ►
MEASURE DESCRIPTION

In conducting the mapping, the author(s) evaluated hundreds of water well records, especially those having relatively complete information on well location, static water level, well depth, ground elevation, and lithology. This layer is based on areas in the county with sparse information because of lack of well records or incomplete records, or poorly producing aquifers.

[Hide Data quality report - Completeness omission ▲](#)

DATA QUALITY REPORT - QUANTITATIVE ATTRIBUTE ACCURACY ►
MEASURE DESCRIPTION

The layer was created after a thorough documentation of well locations and water well record details.

[Hide Data quality report - Quantitative attribute accuracy ▲](#)

DATA QUALITY REPORT - ABSOLUTE EXTERNAL POSITIONAL ACCURACY ►
MEASURE DESCRIPTION

The locations of many wells were field checked and the locations posted on 7.5 minute topographic maps. Visual confirmation of wells was not always possible. Many locations were based only on the street address, driving directions, or other location information provided on the well record.

[Hide Data quality report - Absolute external positional accuracy ▲](#)

[Hide Data Quality ▲](#)

Lineage ►

PROCESS STEP ►
WHEN THE PROCESS OCCURRED 2016-12-09 00:00:00
DESCRIPTION

Coverage was selected by careful evaluation of the lack of water well records within an area by determine a minimum of one mile from available data. Using field located wells that contained complete and reasonable information a half mile buffer was applied. Areas outside of the compiled buffer were considered a no data zone and delineated as such.

PROCESS CONTACT

INDIVIDUAL'S NAME Kristiana E. Cox
ORGANIZATION'S NAME Indiana Department of Natural Resources, Division of Water
CONTACT'S POSITION Resources Assessment Section
CONTACT'S ROLE processor

CONTACT INFORMATION ►

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COUNTRY US

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8:15am - 4:15pm M-F except Government Holidays

[Hide Contact information ▲](#)

SOURCE DATA ►

DESCRIPTION

Water well records from the IDNR-DOW well record database; USGS topography maps; various consultant geotechnical reports

[Hide Source data ▲](#)

[Hide Process step ▲](#)

[Hide Lineage ▲](#)

Distribution ►

DISTRIBUTOR ►

CONTACT INFORMATION

INDIVIDUAL'S NAME Kristiana E. Cox

ORGANIZATION'S NAME Indiana Department of Natural Resources, Division of Water

CONTACT'S POSITION Resources Assessment Section

CONTACT'S ROLE originator

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COUNTRY US

E-MAIL ADDRESS kcox3@dnr.IN.gov

ONLINE RESOURCE

LOCATION www.in.gov/dnr/water/7256.htm

FUNCTION PERFORMED download

HOURS OF SERVICE

8:15am - 4:15pm M-F except Government Holidays

[Hide Contact information ▲](#)

[Hide Distributor ▲](#)

DISTRIBUTION FORMAT

* NAME Shapefile

TRANSFER OPTIONS

* TRANSFER SIZE 0.038

UNITS OF DISTRIBUTION Shapefile

ONLINE SOURCE

LOCATION www.in.gov/dnr/water/7256.htm

DESCRIPTION Data and Maps

[Hide Distribution ▲](#)

Fields ►

DETAILS FOR OBJECT [UNC_Limited_Data_Nonaquifer_Sullivan_Co_IN ►](#)

* TYPE Feature Class

* ROW COUNT 2

DEFINITION

No Data Limited Aquifer Zone

DEFINITION SOURCE

Kristiana E. Cox

FIELD [Shape ►](#)

* ALIAS Shape

* DATA TYPE Geometry

* WIDTH 0

* PRECISION 0

* SCALE 0

FIELD DESCRIPTION

Feature Geometry

DESCRIPTION SOURCE

Esri

DESCRIPTION OF VALUES

Coordinates defining the features.

[Hide Field Shape ▲](#)

FIELD [FID ►](#)

* ALIAS FID

* DATA TYPE OID

* WIDTH 4

* PRECISION 0

* SCALE 0

FIELD DESCRIPTION

Internal feature number.

DESCRIPTION SOURCE

Esri

DESCRIPTION OF VALUES

Sequential unique whole numbers that are automatically generated.

[Hide Field FID ▲](#)

FIELD Zone ▶

* ALIAS Zone
* DATA TYPE String
* WIDTH 50
* PRECISION 0
* SCALE 0

[Hide Field Zone ▲](#)

[Hide Details for object UNC_Limited_Data_Nonaquifer_Sullivan_Co_IN ▲](#)

[Hide Fields ▲](#)

Metadata Details ▶

METADATA LANGUAGE English (UNITED STATES)
METADATA CHARACTER SET utf8 - 8 bit UCS Transfer Format

SCOPE OF THE DATA DESCRIBED BY THE METADATA dataset
SCOPE NAME * dataset

* LAST UPDATE 2017-07-19

ARCGIS METADATA PROPERTIES

METADATA FORMAT ArcGIS 1.0
STANDARD OR PROFILE USED TO EDIT METADATA FGDC

CREATED IN ARCGIS FOR THE ITEM 2017-03-06 15:30:57
LAST MODIFIED IN ARCGIS FOR THE ITEM 2017-07-19 11:40:33

AUTOMATIC UPDATES

HAVE BEEN PERFORMED Yes
LAST UPDATE 2017-07-19 11:40:33

ITEM LOCATION HISTORY

ITEM COPIED OR MOVED 2016-11-01 15:24:38
FROM M:\!Potentiometric\Sullivan\3_Working\UNC_LIMITED_DATA_NONAQUIFER_SULLIVAN_CO_IN
To \\iotisip01pa\dnrgis\$\!
Potentiometric\Sullivan\3_Working\UNC\UNC_LIMITED_DATA_NONAQUIFER_SULLIVAN_CO_IN

[Hide Metadata Details ▲](#)

Metadata Contacts ▶

METADATA CONTACT

INDIVIDUAL'S NAME Kristiana E. Cox
ORGANIZATION'S NAME Indiana Department of Natural Resources, Division of Water
CONTACT'S POSITION Resource Assessment Section
CONTACT'S ROLE originator

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METADATA CONTACT

ORGANIZATION'S NAME Indiana Department of Natural Resources, Division of Water

CONTACT'S ROLE publisher

CONTACT INFORMATION ►

ADDRESS

TYPE

DELIVERY POINT Indianapolis, Indiana, USA

[Hide Contact information ▲](#)

[Hide Metadata Contacts ▲](#)

Metadata Maintenance ►

MAINTENANCE

UPDATE FREQUENCY not planned

[Hide Metadata Maintenance ▲](#)

Metadata Constraints ►

LEGAL CONSTRAINTS

ACCESS CONSTRAINTS other restrictions

OTHER CONSTRAINTS

Access constraints: This metadata file is intended to accompany the subject geospatial set. This file may be updated, and the most recent version is available by contacting the IDNR Division of Water.

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FGDC Metadata (read-only) ▼