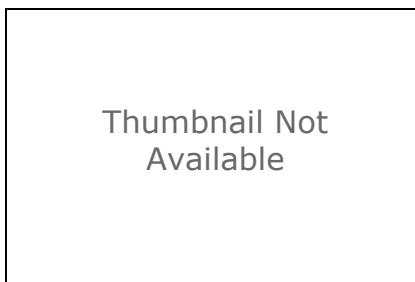


Limited Unconsolidated Aquifer Data and Nonaquifer Areas for Bartholomew County, Indiana

Shapefile



Tags

Indiana Department of Natural Resources (IDNR), groundwater, static water level, water wells, Unconsolidated, Bartholomew County, Indiana, USA, geoscientificInformation, Division of Water (DOW)

Summary

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

Description

This file is a digital geospatial polygon coverage of the lack of available aquifer static water level data within unconsolidated aquifers for Bartholomew County in Indiana. This includes areas either lacking in data and/or covered by thin or unproductive unconsolidated deposits.

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	-86.089528	East	-85.682664
North	39.353919	South	39.032068

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

PLACE KEYWORDS Bartholomew County, Indiana, USA

THEME KEYWORDS Indiana Department of Natural Resources (IDNR)

THEME KEYWORDS geoscientificInformation

THESAURUS ►

TITLE ISO 19115 Topic Categories

Hide Thesaurus ▲

THEME KEYWORDS Division of Water (DOW)

THEME KEYWORDS water wells

THEME KEYWORDS groundwater

THEME KEYWORDS Unconsolidated

THEME KEYWORDS static water level

Hide Topics and Keywords ▲

Citation ►

TITLE Limited Unconsolidated Aquifer Data and Nonaquifer Areas for Bartholomew County, Indiana

PUBLICATION DATE 2014-12-01

EDITION 1

PRESENTATION FORMATS digital map

FGDC GEOSPATIAL PRESENTATION FORMAT vector digital data

SERIES

NAME Unconsolidated Potentiometric Surface Map

ISSUE PSM 48-A

OTHER CITATION DETAILS

This map was compiled from multiple unpublished work maps based on USGS quadrangles at 1:24,000 scale: AZALIA,COLUMBUS, EDINBURGH, ELIZABETHTOWN, GRAMMER, HARTSVILLE, HOPE, JONESVILLE, NEW BELLSVILLE, NINEVEH, and WAYMANSVILLE.

[Hide Citation ▲](#)

Citation Contacts ►

RESPONSIBLE PARTY

ORGANIZATION'S NAME Indiana Department of Natural Resources Division of Water, Ginger C. Korinek, Resource Assessment Section

CONTACT'S ROLE originator

RESPONSIBLE PARTY

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

CONTACT'S ROLE publisher

CONTACT INFORMATION ►

ADDRESS

DELIVERY POINT Indianapolis, Indiana, USA

[Hide Contact information ▲](#)[Hide Citation Contacts ▲](#)

Resource Details ►

DATASET LANGUAGES English (UNITED STATES)

STATUS completed

SPATIAL REPRESENTATION TYPE vector

* PROCESSING ENVIRONMENT Version 6.2 (Build 9200) ; Esri ArcGIS 10.5.1.7333

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_bartholomew_revised

* SIZE 0.112

* LOCATION file:///\\dnr\\p02pw\\dnrgis_Working\\!potentiometric_finished\\48_Bartholomew\\2019_working\\2019_zip\\unc_limited_data_nonaquifer_bartholomew_revised.shp

* ACCESS PROTOCOL Local Area Network

[Hide Resource Details ▲](#)

Extents ►

EXTENT

DESCRIPTION

Publication Date

TEMPORAL EXTENT

DATE AND TIME 2014-12-01

EXTENT

GEOGRAPHIC EXTENT

BOUNDING RECTANGLE

WEST LONGITUDE -86.089528

EAST LONGITUDE -85.682664
 SOUTH LATITUDE 39.032068
 NORTH LATITUDE 39.353919

EXTENT

GEOGRAPHIC EXTENT

BOUNDING RECTANGLE

EXTENT TYPE Extent used for searching

* WEST LONGITUDE -86.089528

* EAST LONGITUDE -85.682664

* NORTH LATITUDE 39.353919

* SOUTH LATITUDE 39.032068

* EXTENT CONTAINS THE RESOURCE Yes

EXTENT IN THE ITEM'S COORDINATE SYSTEM

* WEST LONGITUDE 578800.187500

* EAST LONGITUDE 613508.210800

* SOUTH LATITUDE 4321153.302800

* NORTH LATITUDE 4356451.405800

* EXTENT CONTAINS THE RESOURCE Yes

[Hide Extents ▲](#)

Resource Points of Contact ►

POINT OF CONTACT

INDIVIDUAL'S NAME Ginger C. Korinek

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CONTACT'S POSITION Resource Assessment Section

CONTACT'S ROLE point of contact

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[Hide Contact information ▲](#)

[Hide Resource Points of Contact ▲](#)

Resource Maintenance ►

RESOURCE MAINTENANCE

UPDATE FREQUENCY not planned

[Hide Resource Maintenance ▲](#)

Resource Constraints ►

LEGAL CONSTRAINTS

LIMITATIONS OF USE

The Indiana Department of Natural Resources, Division of Water has compiled this data set using data believed to be reasonably accurate. However, the Division makes no representation as to the accuracy, completeness, or usefulness of the data or data set. A degree of error is inherent in all maps. This map is intended for use only at the published scale. Reference to any specific commercial product, process, or service does not constitute an endorsement, recommendation, or favoring by the Division. Copyright 2014, Indiana Department of Natural Resources, Division of Water All Rights Reserved Any copying, adaptation, or distribution of these data without the express written consent of the Indiana Department of Natural Resources, Division of Water is discouraged.

OTHER CONSTRAINTS

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CONSTRAINTS

LIMITATIONS OF USE

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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_bartholomew_revised

* OBJECT TYPE composite

* OBJECT COUNT 4

[Hide Vector](#) ▲

ARCGIS FEATURE CLASS PROPERTIES ►

FEATURE CLASS NAME unc_limited_data_nonaquifer_bartholomew_revised

* FEATURE TYPE Simple

* GEOMETRY TYPE Polygon

* HAS TOPOLOGY FALSE

* FEATURE COUNT 4

* SPATIAL INDEX FALSE

* 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 ►

DIMENSION horizontal

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 2014-10-01

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 Ginger C. Korinek

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

CONTACT'S POSITION Resource Assessment Section

CONTACT'S ROLE processor

CONTACT INFORMATION ►

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[Hide Contact information ▲](#)

[Hide Process step ▲](#)

SOURCE DATA ►

DESCRIPTION

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

[Hide Source data ▲](#)

[Hide Lineage ▲](#)

Distribution ►

DISTRIBUTOR ►

CONTACT INFORMATION

INDIVIDUAL'S NAME Ginger C. Korinek
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 CONTACT'S ROLE distributor

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[Hide Contact information ▲](#)

[Hide Distributor ▲](#)

DISTRIBUTION FORMAT

* NAME Shapefile

TRANSFER OPTIONS

* TRANSFER SIZE 0.112

ONLINE SOURCE

LOCATION <http://www.in.gov/dnr/water/7256.htm>

Hide Distribution ▲

Fields ►

DETAILS FOR OBJECT [unc_limited_data_nonaquifer_bartholomew_revised](#) ►

* TYPE Feature Class

* ROW COUNT 4

DEFINITION

No Data Zone

DEFINITION SOURCE

Ginger C. Korinek

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 [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 Zone_ ►

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

[Hide Field Zone_ ▲](#)

[Hide Details for object unc_limited_data_nonaquifer_bartholomew_revised ▲](#)

[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 2019-07-11

ARCGIS METADATA PROPERTIES

METADATA FORMAT ArcGIS 1.0
 METADATA STYLE FGDC CSDGM Metadata
 STANDARD OR PROFILE USED TO EDIT METADATA FGDC

CREATED IN ARCGIS FOR THE ITEM 2019-07-11 08:46:41
 LAST MODIFIED IN ARCGIS FOR THE ITEM 2019-07-11 09:25:15

AUTOMATIC UPDATES

HAVE BEEN PERFORMED Yes
 LAST UPDATE 2019-07-11 09:25:15

ITEM LOCATION HISTORY

ITEM COPIED OR MOVED 2019-07-11 08:46:41
 FROM S:\48_Bartholomew\2019
 working\unc_limited_data_nonaquifer_bartholomew_revised
 To \\dnr\filp02pw\dnrgis_Working\!potentiometric_finished\48_Bartholomew\2019
 working\2019 zip\unc_limited_data_nonaquifer_bartholomew_revised

[Hide Metadata Details ▲](#)

Metadata Contacts ►

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CONTACT'S ROLE point of contact

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Metadata Constraints ►

LEGAL CONSTRAINTS

ACCESS CONSTRAINTS other restrictions

OTHER 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.

[Hide Metadata Constraints ▲](#)

FGDC Metadata (read-only) ▼