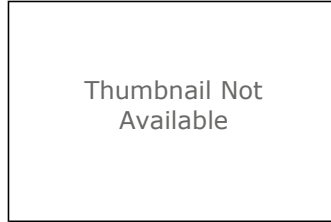


# Limited Unconsolidated Aquifer Data Area for Decatur County, Indiana

## Shapefile



## Tags

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

## Summary

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

## Description

This file is a digital geospatial polygon coverage of the lack of available aquifer static water level data within unconsolidated aquifers for Decatur 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

|              |            |              |            |
|--------------|------------|--------------|------------|
| <b>West</b>  | -85.689140 | <b>East</b>  | -85.292446 |
| <b>North</b> | 39.458239  | <b>South</b> | 39.125779  |

## Scale Range

|                             |             |
|-----------------------------|-------------|
| <b>Maximum (zoomed in)</b>  | 1:50,000    |
| <b>Minimum (zoomed out)</b> | 1:5,000,000 |

## 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   Decatur 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)

THEME KEYWORDS    No data or limited data or Nonaquifer material area

[Hide Topics and Keywords ▲](#)

## Citation ►

TITLE    Limited Unconsolidated Aquifer Data Area for Decatur County, Indiana

CREATION DATE    2014-11-03    00:00:00

PUBLICATION DATE    2014-11-03    00:00:00

EDITION    1

PRESENTATION FORMATS    \*digital map

### SERIES

NAME    Unconsolidated Potentiometric Surface Map

ISSUE    PSM 47-A

### OTHER CITATION DETAILS

This map was compiled from multiple unpublished work maps based on USGS quadrangles at 1:24,000 scale: Adams, Clarksburg, Forest Hill, Grammer, Greensburg, Hartsville, Millhousen, Milroy, New Point, Osgood, Waldron, and Westport.

[Hide Citation ▲](#)

## Citation Contacts ►

### 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 ▲](#)

### RESPONSIBLE PARTY

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

INDIVIDUAL'S NAME    Glenn E. Grove

CONTACT'S POSITION    Resource Assessment Section

CONTACT'S ROLE    originator

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FAX    (317) 233-4579

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CITY    Indianapolis

ADMINISTRATIVE AREA    Indiana

POSTAL CODE    46204

COUNTRY    US

E-MAIL ADDRESS    [ggrove@dnr.in.gov](mailto:ggrove@dnr.in.gov)

### ONLINE RESOURCE

LOCATION    [www.in.gov/dnr/water/7256.htm](http://www.in.gov/dnr/water/7256.htm)

FUNCTION PERFORMED    information

### 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 XP Version 5.1 (Build 2600) Service Pack 3; Esri ArcGIS 10.2.2.3552

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\_Decatur  
\*SIZE    0.130  
\*LOCATION    file://  
\\iotfilp19pw\dnr\dow\common\RA\_FILES\_ONLINE\47\_Deactur\47\_Decatur\_County\_PSM\_Shapefiles\UNC\_Limited\_Data\_Nonaquifer\_Decatur.shp  
\*ACCESS PROTOCOL    Local Area Network

Hide Resource Details ▲

Extents ►

EXTENT  
DESCRIPTION  
Extent used for searching  
  
GEOGRAPHIC EXTENT  
BOUNDING RECTANGLE  
WEST LONGITUDE    -85.644456  
EAST LONGITUDE    -85.331288  
SOUTH LATITUDE    40.998355  
NORTH LATITUDE    41.189792  
EXTENT CONTAINS THE RESOURCE    Yes

EXTENT  
DESCRIPTION  
Publication Date  
  
TEMPORAL EXTENT  
DATE AND TIME    2014-11-03    00:00:00

EXTENT  
GEOGRAPHIC EXTENT  
BOUNDING RECTANGLE  
EXTENT TYPE    Extent used for searching  
\*WEST LONGITUDE    -85.689140  
\*EAST LONGITUDE    -85.292446  
\*NORTH LATITUDE    39.458239  
\*SOUTH LATITUDE    39.125779  
\*EXTENT CONTAINS THE RESOURCE    Yes

EXTENT IN THE ITEM'S COORDINATE SYSTEM  
\*WEST LONGITUDE    613302.406600  
\*EAST LONGITUDE    646916.561400  
\*SOUTH LATITUDE    4332109.801700  
\*NORTH LATITUDE    4368457.494800  
\*EXTENT CONTAINS THE RESOURCE    Yes

Hide Extents ▲

Resource Points of Contact ►

POINT OF CONTACT  
ORGANIZATION'S NAME    Indiana Department of Natural Resources Division of Water  
INDIVIDUAL'S NAME    Glenn E. Grove  
CONTACT'S POSITION    Resource Assessment Section  
CONTACT'S ROLE    point of contact  
  
CONTACT INFORMATION    ►  
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#### ADDRESS

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ADMINISTRATIVE AREA Indiana

POSTAL CODE 46204

COUNTRY US

E-MAIL ADDRESS [ggrove@dnr.in.gov](mailto:ggrove@dnr.in.gov)

#### ONLINE RESOURCE

LOCATION [www.in.gov/dnr/water/7256.htm](http://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 Resource Points of Contact ▲](#)

## Resource Maintenance ►

#### RESOURCE MAINTENANCE

UPDATE FREQUENCY not planned

[Hide Resource Maintenance ▲](#)

## Resource Constraints ►

#### CONSTRAINTS

##### LIMITATIONS OF USE

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.

#### LEGAL CONSTRAINTS

##### LIMITATIONS OF USE

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ACCESS CONSTRAINTS other restrictions

#### OTHER CONSTRAINTS

This file is available to anyone, but access may be contingent on written request, specific terms relevant to the agency or person making the request, and/or current freedom of information statutes in the State of Indiana.

[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    8.2.6

Hide Spatial Reference ▲

Spatial Data Properties ►

VECTOR ►

- \*LEVEL OF TOPOLOGY FOR THIS DATASET    geometry only

GEOMETRIC OBJECTS

- FEATURE CLASS NAME    UNC\_Limited\_Data\_Nonaquifer\_Decatur
- \*OBJECT TYPE    composite
  - \*OBJECT COUNT    1

Hide Vector ▲

ARCGIS FEATURE CLASS PROPERTIES ►

- FEATURE CLASS NAME    UNC\_Limited\_Data\_Nonaquifer\_Decatur
- \*FEATURE TYPE    Simple
  - \*GEOMETRY TYPE    Polygon
  - \*HAS TOPOLOGY    FALSE
  - \*FEATURE COUNT    1
  - \*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 ►

##### 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

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

INDIVIDUAL'S NAME Glenn E. Grove

CONTACT'S POSITION Resource Assessment Section

CONTACT'S ROLE processor

#### CONTACT INFORMATION ►

##### PHONE

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TYPE both

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CITY Indianapolis

ADMINISTRATIVE AREA Indiana

POSTAL CODE 46204

COUNTRY US

E-MAIL ADDRESS ggrove@dnr.in.gov

#### ONLINE RESOURCE

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

FUNCTION PERFORMED download

[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

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

INDIVIDUAL'S NAME Glenn E. Grove

CONTACT'S POSITION Resource Assessment Section

CONTACT'S ROLE    originator

CONTACT INFORMATION ▶

PHONE

VOICE    (317) 234-1102

FAX    (317) 232-4175

ADDRESS

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CITY    Indianapolis

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POSTAL CODE    46204

COUNTRY    US

E-MAIL ADDRESS    ggrove@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

UNITS OF DISTRIBUTION    Shapefile

\*TRANSFER SIZE    0.130

ONLINE SOURCE

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

DESCRIPTION    Data and Maps

*Hide Distribution ▲*

Fields ▶

DETAILS FOR OBJECT UNC\_Limited\_Data\_Nonaquifer\_Decatur ▶

\*TYPE    Feature Class

\*ROW COUNT    1

DEFINITION

No Data Zone

DEFINITION SOURCE

Glenn E. Grove

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
- FIELD DESCRIPTION  
This layer is based on areas in the county with sparse information because of lack of well records, incomplete records, or poorly producing aquifers
- DESCRIPTION SOURCE  
Author

Hide Field Zone ▲

Hide Details for object UNC\_Limited\_Data\_Nonaquifer\_Decatur ▲

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 2014-11-03

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 2014-12-08 07:14:54  
LAST MODIFIED IN ARCGIS FOR THE ITEM 2015-01-15 12:16:02

AUTOMATIC UPDATES

HAVE BEEN PERFORMED Yes  
LAST UPDATE 2015-01-15 12:16:02

ITEM LOCATION HISTORY

ITEM COPIED OR MOVED 2014-10-30 08:39:16  
FROM J:\!Potentiometric\Decatur\6\_Reviews\Review Files\unconsolidated\_NODATA\_decatur\_review1  
TO \\iotfilp19pw\dnr\dow\TS\Water\_Resources\_and\_Rights\!Potentiometric\Decatur\6\_Reviews\Review Files\unconsolidated\_NODATA\_decatur\_review1Copy

Hide Metadata Details ▲



Metadata Contacts ▶

METADATA CONTACT

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

INDIVIDUAL'S NAME Glenn E. Grove

CONTACT'S POSITION Resource Assessment Section

CONTACT'S ROLE originator

CONTACT INFORMATION ▶

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FAX (317) 233-4579

ADDRESS

TYPE both

DELIVERY POINT 402 W Washington Street W264

CITY Indianapolis

ADMINISTRATIVE AREA Indiana

POSTAL CODE 46204

COUNTRY US

E-MAIL ADDRESS ggrove@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 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.

[Hide Metadata Constraints ▲](#)

FGDC Metadata (read-only) ▼