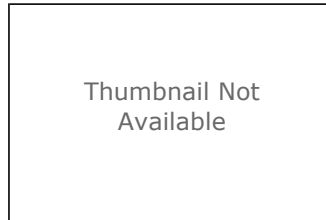


Data Sources Table

File Geodatabase Table



Tags

earthquake, fault, Virginia, society, geoscientificInformation, environment

Summary

The Data Sources table includes reference information for mapped faults, structural zones, and Mesozoic basins included in this geodatabase. Line and polygon features are linked back to the Data Sources table through the DataSource ID number.

Description

The Data Sources table is a non-spatial table that includes references to published and unpublished maps used to compile the faults, structural zones and Mesozoic basin data in this geodatabase. It includes title and author information, as well as a link to the online location of the map, if available. Lines and polygons features are linked back to the Data Sources table through the DataSource ID number.

Credits

This digital data is the result of a three-year project funded by the Federal Emergency Management Agency (FEMA) through the Virginia Department of Emergency Management (VDEM) and by the Virginia Department of Mines, Minerals, and Energy (VDMME) via Grant Agreement Number HMGP-DR-4042-000-014 for \$548,969. The primary authors are Anne C. Witt, Wendy S. Kelly, and Matthew J. Heller from VDMME - Division of Geology and Mineral Resources (DGMR).

Martin Chapman and Bill Henika of Virginia Tech and Chuck Bailey of the College of William and Mary served as consultants on this project and assisted with project design, the collection of earthquake and fault information, and the review of the final deliverable products. Mike Enomoto, Marques Hatfield, William Swanger, Marcie Occhi, and Aaron Cross of DGMR completed specific tasks for the project. Amy Howard of VDEM served as grant coordinator.

Use limitations

There are no access and use limitations for this item.

Extent

There is no extent for this item.

Scale Range

Maximum (zoomed in) 1:5,000

Minimum (zoomed out) 1:625,000

ArcGIS Metadata ►

Topics and Keywords ►

THEMES OR CATEGORIES OF THE RESOURCE society, geoscientificInformation, environment

*** CONTENT TYPE** Downloadable Data

PLACE KEYWORDS Virginia

THEME KEYWORDS earthquake, fault

THEME KEYWORDS society, geoscientificInformation, environment

THESAURUS ►

TITLE ISO 19115 Topic Categories

[Hide Thesaurus ▲](#)

[Hide Topics and Keywords ▲](#)

Citation ►

TITLE Data Sources Table
 PUBLICATION DATE 2017-03-31 00:00:00

PRESENTATION FORMATS digital map
 FGDC GEOSPATIAL PRESENTATION FORMAT vector digital data

COLLECTION TITLE GIS Fault Mapping of Virginia Seismic Zones

[Hide Citation ▲](#)

Citation Contacts ►

RESPONSIBLE PARTY

INDIVIDUAL'S NAME Anne Carter Witt
 ORGANIZATION'S NAME Virginia Department of Mines, Minerals, and Energy
 CONTACT'S POSITION Geologist
 CONTACT'S ROLE originator

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 E-MAIL ADDRESS anne.witt@dmme.virginia.gov

[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 * text table

* PROCESSING ENVIRONMENT Microsoft Windows 7 Version 6.1 (Build 7601) Service Pack 1; Esri ArcGIS 10.2.2.3552

CREDITS

This digital data is the result of a three-year project funded by the Federal Emergency Management Agency (FEMA) through the Virginia Department of Emergency Management (VDEM) and by the Virginia Department of Mines, Minerals, and Energy (VDMME) via Grant Agreement Number HMGP-DR-4042-000-014 for \$548,969. The primary authors are Anne C. Witt, Wendy S. Kelly, and Matthew J. Heller from VDMME - Division of Geology and Mineral Resources (DGMR).

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ARCGIS ITEM PROPERTIES

* NAME DataSources
 * LOCATION file:///wdb01513
 \dgm\PROJECTS\MAPPING\Earthquake\Final_Deliverables\GIS_Data\Planners_Deliverables\Fault_Geodatabase_Planners.gdb
 * ACCESS PROTOCOL Local Area Network

[Hide Resource Details ▲](#)

Extents ►

EXTENT

GEOGRAPHIC EXTENT

BOUNDING RECTANGLE

WEST LONGITUDE -83.797031
 EAST LONGITUDE -77.164786

SOUTH LATITUDE 36.522088
NORTH LATITUDE 38.272082

[Hide Extents ▲](#)

Resource Points of Contact ►

POINT OF CONTACT

INDIVIDUAL'S NAME Anne Carter Witt
ORGANIZATION'S NAME Virginia Department of Mines, Minerals, and Energy
CONTACT'S POSITION Geologist
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

All users of this electronic data set must read and fully comprehend the metadata prior to use. All electronic and/or hardcopy products (maps, data, and text, etc.) produced by the Virginia Department of Mines, Minerals and Energy - Division of Geology and Mineral Resources are considered public information (unless otherwise noted) and may be distributed or copied. When using, distributing or copying this data set as a source, the Originator must be acknowledged. These products are intended to serve for general planning purposes only and are provided on an "as is" basis. This data set shall not be used beyond the limits of the set source scale. This data set does not represent a survey document completed by a licensed land surveyor and should not be utilized as such.

[Hide Resource Constraints ▲](#)

Spatial Data Properties ►

VECTOR ►

GEOMETRIC OBJECTS

OBJECT TYPE composite
OBJECT COUNT 612

[Hide Vector ▲](#)

[Hide Spatial Data Properties ▲](#)

Geoprocessing history ▼

Distribution ►

DISTRIBUTOR ►

CONTACT INFORMATION

INDIVIDUAL'S NAME Anne Carter Witt
ORGANIZATION'S NAME Virginia Department of Mines, Minerals, and Energy
CONTACT'S POSITION Geologist

CONTACT'S ROLE distributor

CONTACT INFORMATION ►

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[Hide Contact information ▲](#)

ORDERING PROCESS

TERMS AND FEES None

DATE OF AVAILABILITY 2017-03-31 00:00:00

INSTRUCTIONS

Data is available by internet download or by contacting the distributor directly.

[Hide Distributor ▲](#)

DISTRIBUTION FORMAT

* NAME File Geodatabase Table

[Hide Distribution ▲](#)

Fields ►

DETAILS FOR OBJECT DataSources ►

* TYPE Table

* ROW COUNT 215

DEFINITION

A table of map references used in the compilation of the line and polygon data found in this geodatabase.

DEFINITION SOURCE

DMME

FIELD OBJECTID ►

* ALIAS OBJECTID

* 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 OBJECTID ▲](#)

FIELD DataSourceID ►

* ALIAS DataSourceID

* DATA TYPE String

* WIDTH 10

* PRECISION 0

* SCALE 0

FIELD DESCRIPTION

A unique ID that is used to link the Data Source information to a line or polygon in the geodatabase.

DESCRIPTION SOURCE

DMME

DESCRIPTION OF VALUES

A unique ID that is used to link the Data Source information to a line or polygon in the geodatabase.

[Hide Field DataSourceID ▲](#)

FIELD [Primary_Author ►](#)

* [ALIAS](#) Primary_Author
 * [DATA TYPE](#) String
 * [WIDTH](#) 100
 * [PRECISION](#) 0
 * [SCALE](#) 0

FIELD DESCRIPTION

The first author of the Data Source map or publication, if known.

DESCRIPTION SOURCE

DMME

DESCRIPTION OF VALUES

The first author of the Data Source map or publication, if known.

[Hide Field Primary_Author ▲](#)

FIELD [Secondary_Authors ►](#)

* [ALIAS](#) Secondary_Authors
 * [DATA TYPE](#) String
 * [WIDTH](#) 200
 * [PRECISION](#) 0
 * [SCALE](#) 0

FIELD DESCRIPTION

All secondary authors of the Data Source map or publication, if known.

DESCRIPTION SOURCE

DMME

DESCRIPTION OF VALUES

All secondary authors of the Data Source map or publication, if known.

[Hide Field Secondary_Authors ▲](#)

FIELD [Year ►](#)

* [ALIAS](#) Year
 * [DATA TYPE](#) Integer
 * [WIDTH](#) 4
 * [PRECISION](#) 0
 * [SCALE](#) 0

FIELD DESCRIPTION

The year the Data Source was published or created, if known. Unpublished maps generally will not have a listed year, unless a year was indicated on the scanned map.

DESCRIPTION SOURCE

DMME

DESCRIPTION OF VALUES

The year the Data Source was published or created, if known.

[Hide Field Year ▲](#)

FIELD [Title ►](#)

* [ALIAS](#) Title
 * [DATA TYPE](#) String
 * [WIDTH](#) 200

*PRECISION 0
*SCALE 0

FIELD DESCRIPTION

The title of the Data Source. Unpublished maps are given a generic title and will have "Unpublished" and the name of the quadrangle or location in the title.

DESCRIPTION SOURCE

DMME

DESCRIPTION OF VALUES

The title of the Data Source.

Hide Field Title ▲

FIELD Medium ►

*ALIAS Medium
*DATA TYPE String
*WIDTH 30
*PRECISION 0
*SCALE 0

FIELD DESCRIPTION

Where the Data Source was derived.

DESCRIPTION SOURCE

DMME

LIST OF VALUES

VALUE Electronic

DESCRIPTION The Data Source is stored electronically and can be accessed through an internet link provided in the attribute table.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE DMME

VALUE Field Guide

DESCRIPTION The Data Source is a published geologic field guide.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE DMME

VALUE Thesis

DESCRIPTION The Data Source is from a published undergraduate or graduate thesis or dissertation.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE DMME

VALUE Unpublished

DESCRIPTION The Data Source is an unpublished document or map. Many of these items are only available from the original authors or DMME.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE DMME

DESCRIPTION OF VALUES

Where the Data Source was derived.

Hide Field Medium ▲

FIELD Online_Location ►

*ALIAS Online_Location
*DATA TYPE String
*WIDTH 200
*PRECISION 0
*SCALE 0

FIELD DESCRIPTION

The internet link to the map, it available.

DESCRIPTION SOURCE

DMME

DESCRIPTION OF VALUES

The internet link to the map, it available.

Hide Field Online_Location ▲

FIELD Notes ▶

* ALIAS Notes
 * DATA TYPE String
 * WIDTH 250
 * PRECISION 0
 * SCALE 0

FIELD DESCRIPTION

Text narrative of any additional information pertinent to the Data Source.

DESCRIPTION SOURCE

DMME

DESCRIPTION OF VALUES

Text narrative of any additional information pertinent to the Data Source.

[Hide Field Notes ▲](#)

[Hide Details for object DataSources ▲](#)

[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 2017-05-23

ARCGIS METADATA PROPERTIES

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

CREATED IN ARCGIS FOR THE ITEM 2014-08-29 09:55:52
 LAST MODIFIED IN ARCGIS FOR THE ITEM 2017-05-23 15:18:14

AUTOMATIC UPDATES

HAVE BEEN PERFORMED Yes
 LAST UPDATE 2017-05-23 15:18:14

[Hide Metadata Details ▲](#)

Metadata Contacts ▶**METADATA CONTACT**

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 ORGANIZATION'S NAME Virginia Department of Mines, Minerals, and Energy
 CONTACT'S POSITION Geologist
 CONTACT'S ROLE point of contact

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[Hide Contact information ▲](#)

[Hide Metadata Contacts ▲](#)

Metadata Maintenance ▶

MAINTENANCE

UPDATE FREQUENCY not planned

MAINTENANCE CONTACT

INDIVIDUAL'S NAME Anne Carter Witt

ORGANIZATION'S NAME Virginia Department of Mines, Minerals, and Energy

CONTACT'S POSITION Geologist

CONTACT'S ROLE originator

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[Hide Contact information](#) ▲[Hide Metadata Maintenance](#) ▲**FGDC Metadata (read-only)** ▼