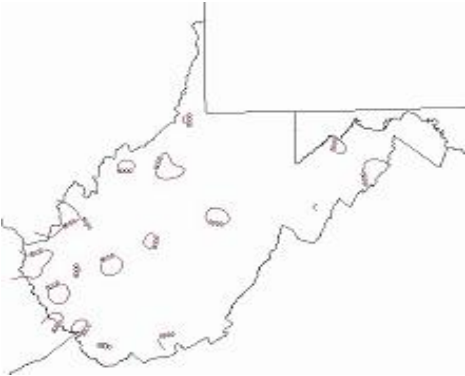
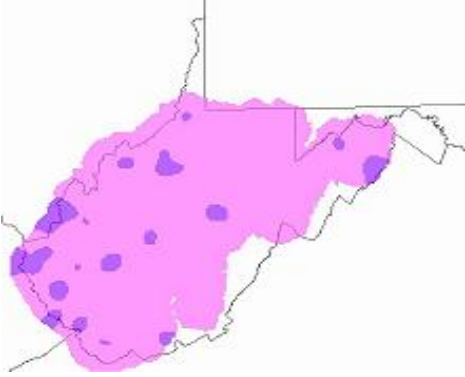
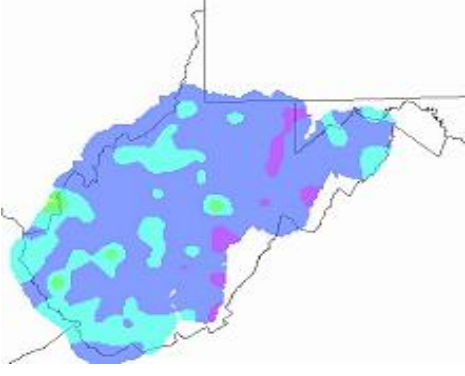


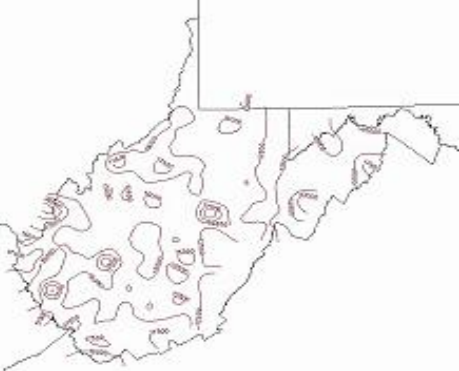
West Virginia Geothermal Interactive Map: Layer Attribute Descriptions

Layer Name / File / Source	Attribute Name	Type	Length	Attribute Description
Depth in Ft at 100 F (Lines) z100_contour.shp West Virginia Geological & Economic Survey	CONTOUR	Double	14	Depth Contour Value, Feet
				
Depth in Ft at 100 F (Grid) z100.shp West Virginia Geological & Economic Survey	GRIDCODE	Double	10	Depth Grid Value, Feet
				
Depth in Ft at 150 F (Lines) z150_contour.shp West Virginia Geological & Economic Survey	CONTOUR	Double	14	Depth Contour Value, Feet
				
Depth in Ft at 150 F (Grid) z150.shp West Virginia Geological & Economic Survey	GRIDCODE	Double	10	Depth Grid Value, Feet
				

Depth in Ft at 200 F (Lines)

z200_contour.shp

West Virginia Geological & Economic Survey

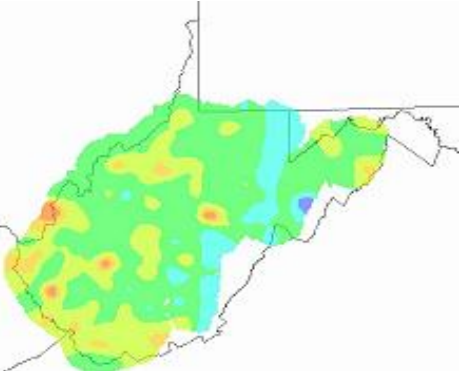


CONTOUR	Double	14 Depth Contour Value, Feet
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Depth in Ft at 200 F (Grid)

z200.shp

West Virginia Geological & Economic Survey



GRIDCODE	Double	10 Depth Grid Value, Feet
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Depth in Ft at 212 F (Lines)

z212_contour.shp

West Virginia Geological & Economic Survey

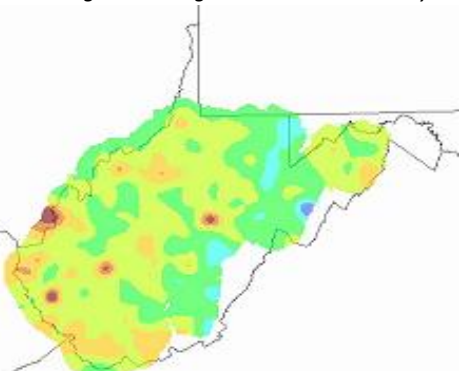


CONTOUR	Double	14 Depth Contour Value, Feet
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Depth in Ft at 212 F (Grid)

z212.shp

West Virginia Geological & Economic Survey

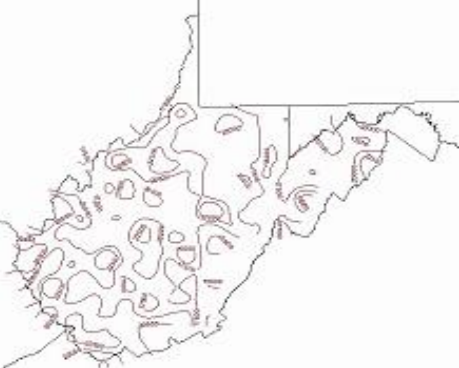


GRIDCODE	Double	10 Depth Grid Value, Feet
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Depth in Ft at 250 F (Lines)

z250_contour.shp

West Virginia Geological & Economic Survey

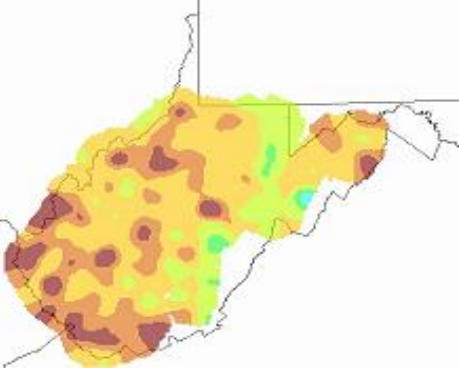


CONTOUR	Double	14 Depth Contour Value, Feet
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Depth in Ft at 250 F (Grid)

z250.shp

West Virginia Geological & Economic Survey



GRIDCODE	Double	10 Depth Grid Value, Feet
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Depth in Ft at 300 F (Lines)

z300_contour.shp

West Virginia Geological & Economic Survey

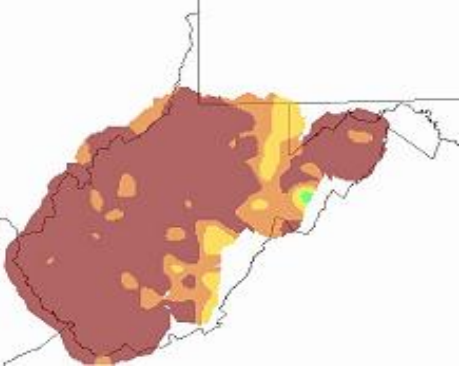


CONTOUR	Double	14 Depth Contour Value, Feet
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Depth in Ft at 300 F (Grid)

z300.shp

West Virginia Geological & Economic Survey



GRIDCODE	Double	10 Depth Grid Value, Feet
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West Virginia Geothermal Interactive Map: Layer Attribute Descriptions

Temperature in F at 1000 Ft (Lines)

Temperature_1000.shp

West Virginia Geological & Economic Survey



Temp	Double	19 Temperature Contour Value, Degrees Fahrenheit
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Temperature in F at 1000 Ft (Grid)

Temperature_1000_poly.shp

West Virginia Geological & Economic Survey



Temp_Lower	Double	19 Low Temperature Grid Value, Degrees Fahrenheit
Temp_Upper	Double	19 High Temperature Grid Value, Degrees Fahrenheit

Temperature in F at 2500 Ft (Lines)

Temperature_2500.shp

West Virginia Geological & Economic Survey



Temp	Double	19 Temperature Contour Value, Degrees Fahrenheit
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Temperature in F at 2500 Ft (Grid)

Temperature_2500_poly.shp

West Virginia Geological & Economic Survey



Temp_Lower	Double	19 Low Temperature Grid Value, Degrees Fahrenheit
Temp_Upper	Double	19 High Temperature Grid Value, Degrees Fahrenheit

West Virginia Geothermal Interactive Map: Layer Attribute Descriptions

Temperature in F at 5000 Ft (Lines)

Temperature_5000.shp

West Virginia Geological & Economic Survey



Temp	Double	19 Temperature Contour Value, Degrees Fahrenheit
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Temperature in F at 5000 Ft (Grid)

Temperature_5000_poly.shp

West Virginia Geological & Economic Survey



Temp_Lower	Double	19 Low Temperature Grid Value, Degrees Fahrenheit
Temp_Upper	Double	19 High Temperature Grid Value, Degrees Fahrenheit

Temperature in F at 7500 Ft (Lines)

Temperature_7500.shp

West Virginia Geological & Economic Survey

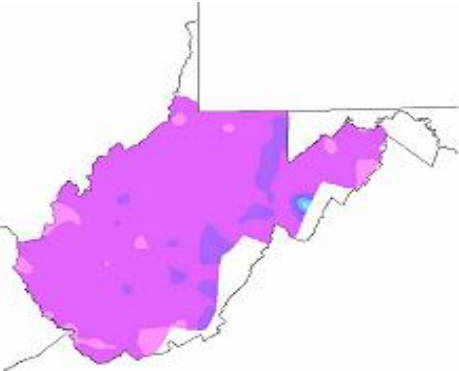


Temp	Double	19 Temperature Contour Value, Degrees Fahrenheit
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Temperature in F at 7500 Ft (Grid)

Temperature_7500_poly.shp

West Virginia Geological & Economic Survey



Temp_Lower	Double	19 Low Temperature Grid Value, Degrees Fahrenheit
Temp_Upper	Double	19 High Temperature Grid Value, Degrees Fahrenheit

Temperature in F at 10000 Ft (Lines)

Temperature_7500_poly.shp

West Virginia Geological & Economic Survey

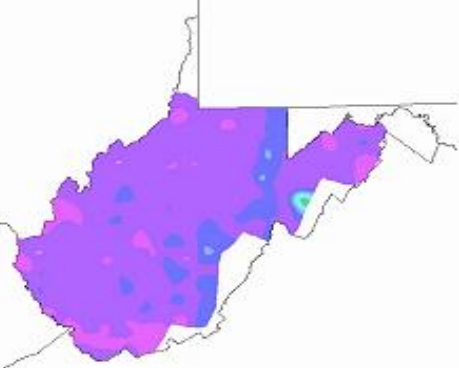


Temp	Double	19 Temperature Contour Value, Degrees Fahrenheit
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Temperature in F at 10000 Ft (Grid)

Temperature_10000_poly.shp

West Virginia Geological & Economic Survey



Temp_Lower	Double	19 Low Temperature Grid Value, Degrees Fahrenheit
Temp_Upper	Double	19 High Temperature Grid Value, Degrees Fahrenheit

Temperature in F at 12500 Ft (Lines)

Temperature_12500.shp

West Virginia Geological & Economic Survey

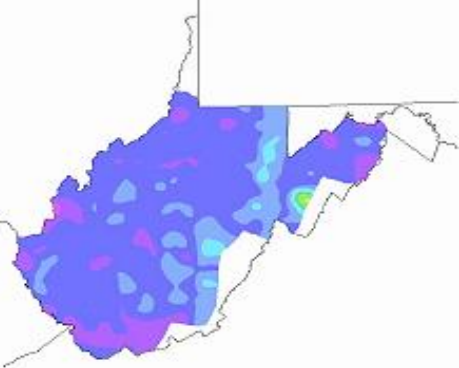


Temp	Double	19 Temperature Contour Value, Degrees Fahrenheit
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Temperature in F at 12500 Ft (Grid)

Temperature_12500_poly.shp

West Virginia Geological & Economic Survey



Temp_Lower	Double	19 Low Temperature Grid Value, Degrees Fahrenheit
Temp_Upper	Double	19 High Temperature Grid Value, Degrees Fahrenheit

Temperature in F at 15000 Ft (Lines)

Temperature_15000.shp

West Virginia Geological & Economic Survey

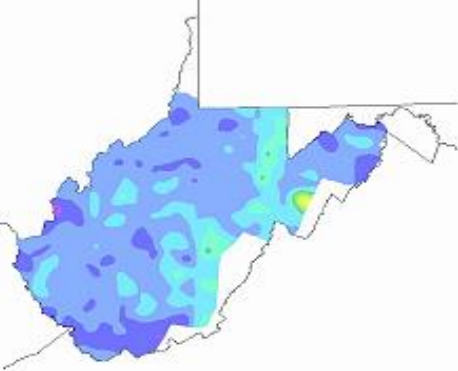


Temp	Double	19 Temperature Contour Value, Degrees Fahrenheit
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Temperature in F at 15000 Ft (Grid)

Temperature_15000_poly.shp

West Virginia Geological & Economic Survey



Temp_Lower	Double	19 Low Temperature Grid Value, Degrees Fahrenheit
Temp_Upper	Double	19 High Temperature Grid Value, Degrees Fahrenheit

Temperature in F at 17500 Ft (Lines)

Temperature_17500.shp

West Virginia Geological & Economic Survey

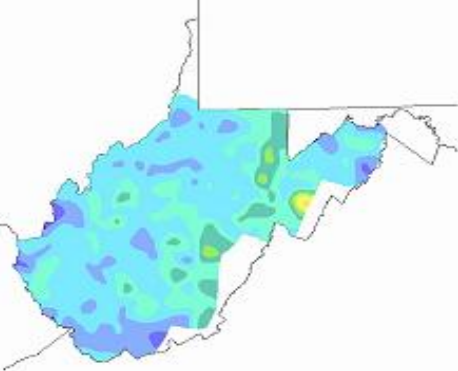


Temp	Double	19 Temperature Contour Value, Degrees Fahrenheit
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Temperature in F at 17500 Ft (Grid)

Temperature_17500_poly.shp

West Virginia Geological & Economic Survey



Temp_Lower	Double	19 Low Temperature Grid Value, Degrees Fahrenheit
Temp_Upper	Double	19 High Temperature Grid Value, Degrees Fahrenheit

West Virginia Geothermal Interactive Map: Layer Attribute Descriptions

Temperature in F at 20000 Ft (Lines)

Temperature_20000.shp

West Virginia Geological & Economic Survey

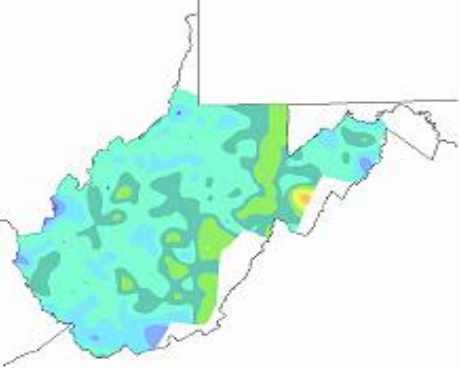


Temp	Double	19 Temperature Contour Value, Degrees Fahrenheit
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Temperature in F at 20000 Ft (Grid)

Temperature_20000_poly.shp

West Virginia Geological & Economic Survey



Temp_Lower	Double	19 Low Temperature Grid Value, Degrees Fahrenheit
Temp_Upper	Double	19 High Temperature Grid Value, Degrees Fahrenheit

Temperature in F at 22500 Ft (Lines)

Temperature_22500.shp

West Virginia Geological & Economic Survey

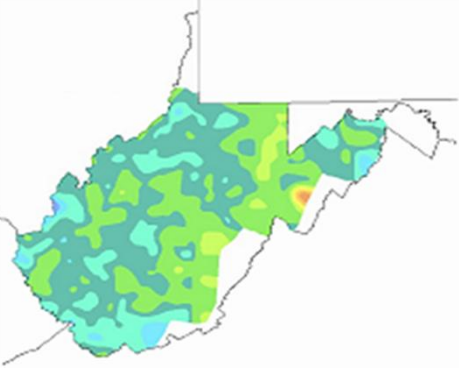


Temp	Short	4 Temperature Contour Value, Degrees Fahrenheit
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Temperature in F at 22500 Ft (Grid)

Temperature_22500_poly.shp

West Virginia Geological & Economic Survey



Temp_Lower	Double	19 Low Temperature Grid Value, Degrees Fahrenheit
Temp_Upper	Double	19 High Temperature Grid Value, Degrees Fahrenheit

West Virginia Geothermal Interactive Map: Layer Attribute Descriptions

Temperature in F at 25000 Ft (Lines)

Temperature_25000.shp

West Virginia Geological & Economic Survey

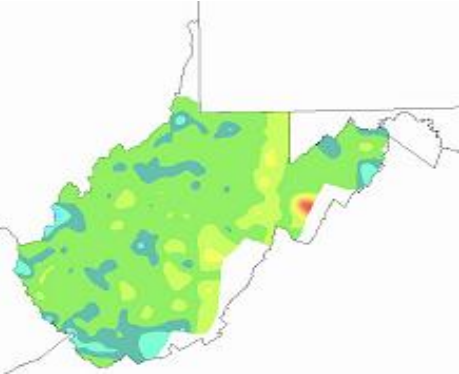


Temp	Short	4 Temperature Contour Value, Degrees Fahrenheit
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Temperature in F at 25000 Ft (Grid)

Temperature_25000_poly.shp

West Virginia Geological & Economic Survey

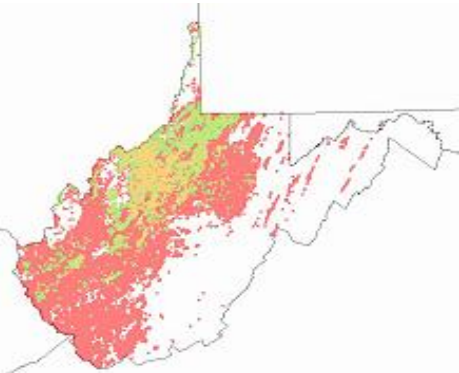


Temp_Lower	Double	19 Low Temperature Grid Value, Degrees Fahrenheit
Temp_Upper	Double	19 High Temperature Grid Value, Degrees Fahrenheit

All Wells, General View (1:500,001+)

gas_oil_comb_fields.shp

West Virginia Geological & Economic Survey

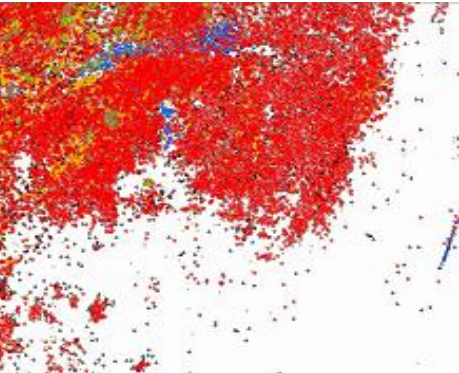


TYPE	Text	10 Well Type Grouping
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All Wells, Detailed View (1:500,000-)

WVOG_wells.shp

West Virginia Geological & Economic Survey



API*	Double	19 API Number
COUNTYNAME	Text	10 County Name
PERMIT	Long	5 Permit Number
QUAD75CALN	Text	22 7.5-Minute Quadrangle
LAT_DD	Double	9 Latitude, Decimal Degrees
LON_DD	Double	10 Longitude, Decimal Degrees
UTME	Float	8 Universal Transverse Mercator Easting, Meters
UTMN	Double	9 Universal Transverse Mercator Northing, Meters
SUFFIXTR	Text	26 Well Suffix
STATUSTR	Text	9 Well Status
CMPMN	Short	2 Completion Month
CMPDY	Short	2 Completion Day
CMPYR	Short	4 Completion Year
FARM	Text	40 Farm
WELL_NUM	Text	12 Well Number
CO_NUM	Text	30 Company Number
OPERNM	Text	55 Operator Name

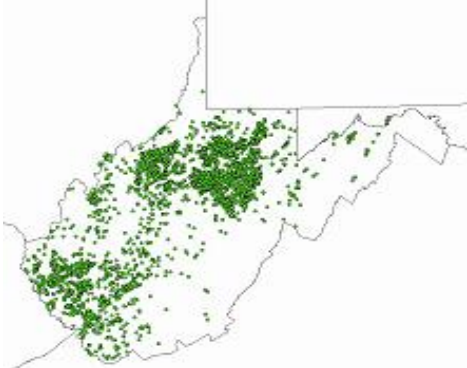
*Note: API number links to all data for the well: 1) make layer active and use hyperlink tool (lightning bolt) or 2) use "i" tool and click on link in pop-up window.

West Virginia Geothermal Interactive Map: Layer Attribute Descriptions

ELEV	Short	4 Elevation, Feet
FIELDNM	Text	35 Oil-Gas Field Name
DFMNM	Text	43 Deepest Formation
WELLTYPETR	Text	15 Well Type
TD	Long	5 Total Depth, Feet

Wells with Temperature Data

GeothermalWVTemperatureData_082012.shp
West Virginia Geological & Economic Survey



api*	Double	19 API Number
COUNTYNAME	Text	10 County Name
PERMIT	Long	5 Permit Number
QUAD75NM	Text	21 7.5-Minute Quadrangle
LAT_DD	Double	9 Latitude, Decimal Degrees
LON_DD	Double	10 Longitude, Decimal Degrees
UTME	Float	8 Universal Transverse Mercator Easting, Meters
UTMN	Double	9 Universal Transverse Mercator Northing, Meters
TXDSTNM	Text	18 Tax District
LOG_TOP	Long	5 Log Top Depth, Feet
LOG_BOT	Long	5 Log Bottom Depth, Feet
LOGS_AVAIL	Text	14 E-Logs Available
SCAN	Text	1 E-Log Scanned?
DIGITIZED	Text	1 E-Log Digitized?
DEEPPLAY	Text	3 Deepest Play
POITEMP	Float	5 Point of Interest Temperature, Degrees Fahrenheit
POIDEPTH	Long	5 Point of Interest Depth, Feet
POIFMNM	Text	43 Point of Interest Formation
BHTEMP	Float	5 Bottomhole Temperature, Degrees Fahrenheit
BHDEPTH	Long	5 Bottomhole Depth, Feet
BHFMNM	Text	43 Bottomhole Formation
LOGCOMMENT	Text	100 E-Log Comment
SUFFIXTR	Text	26 Suffix
STATUSTR	Text	9 Status
CMPMN	Short	2 Completion Month
CMPDY	Short	2 Completion Day
CMPYR	Short	4 Completion Year
FARM	Text	40 Farm
WELL_NUM	Text	12 Well Number
CO_NUM	Text	30 Company Number
MINERAL	Text	50 Mineral Owner
LEASE	Text	50 Lease Name
LEASENUM	Text	50 Lease Number
OPERNM	Text	55 Operator
ELEV	Short	4 Elevation, Feet
DATUMTR	Text	15 Elevation Datum
FIELDNM	Text	35 Field Name
DFMNM	Text	43 Deepest Formation
DFMTNM	Text	43 Deepest Formation Tested
WELLTYPETR	Text	15 Well Type
CMPMTHDTR	Text	28 Completion Method
TD	Long	5 Total Depth, Feet
G_BEF	Long	6 Gas Volume Before Treatment, Thousand Cubic Feet/Day
G_AFT	Long	6 Gas Volume After Treatment, Thousand Cubic Feet/Day
O_BEF	Short	4 Oil Volume Before Treatment, Barrels/Day
O_AFT	Short	4 Oil Volume After Treatment, Barrels/Day
P_BEF	Short	4 Rock Pressure Before Treatment, Pounds/Square Inch
P_AFT	Short	4 Rock Pressure After Treatment, Pounds/Square Inch
MD	Long	5 Measured Depth, Feet

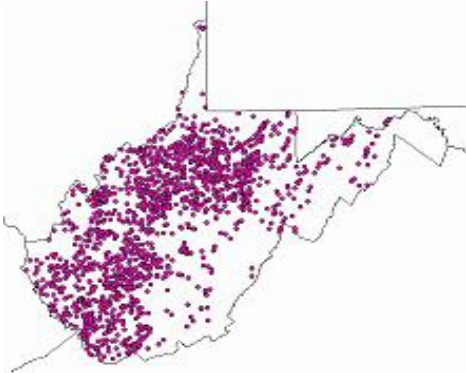
*Note: API number links to all data for the well: 1) make layer active and use hyperlink tool (lightning bolt) or 2) use "i" tool and click on link in pop-up window.

West Virginia Geothermal Interactive Map: Layer Attribute Descriptions

Wells from SMU Study

SMUWellData_CleanedUp_06062012.shp

Southern Methodist University



Lon	Double	19	Longitude, Decimal Degrees
Lat	Double	19	Latitude, Decimal Degrees
UTME	Double	19	Universal Transverse Mercator Easting, Meters
UTMN	Double	19	Universal Transverse Mercator Northing, Meters
Permit	Double	10	Permit Number
TopDpth	Text	254	Minimum Top Depth for All Traces, Feet
BottomDpth	Text	254	Maximum Bottom Depth for All Traces, Feet
DLoggerFt	Text	254	Logger Depth, Feet
DLoggerM	Double	19	Logger Depth, Meters
TempF	Text	254	Bottomhole Temperature, Degrees Fahrenheit
BHTC	Double	19	Bottomhole Temperature, Degrees Celsius
OprRigTime	Text	254	Operator Rig Time
CompMonth	Text	254	Completion Month
CompYear	Text	254	Completion Year
Farm	Text	254	Farm Name (Surface Owner)
Operator	Text	254	Operator Name
Dataset	Text	254	Data Source
State	Text	254	State Name
CountyName	Text	50	County Name

Wells with Digitized E-Logs

GeothermalWVDigitizedLogs_082012.shp

West Virginia Geological & Economic Survey



api**	Double	19	API Number
COUNTYNAME	Text	10	County Name
PERMIT	Long	5	Permit Number
QUAD75NM	Text	21	7.5-Minute Quadrangle
LAT_DD	Double	9	Latitude, Decimal Degrees
LON_DD	Double	10	Longitude, Decimal Degrees
UTME	Float	8	Universal Transverse Mercator Easting, Meters
UTMN	Double	9	Universal Transverse Mercator Northing, Meters
TXDSTNM	Text	18	Tax District
LOG_TOP	Long	5	Log Top Depth, Feet
LOG_BOT	Long	5	Log Bottom Depth, Feet
LOGS_AVAIL	Text	14	E-Logs Available
SCAN	Text	1	E-Log Scanned?
DIGITIZED	Text	1	E-Log Digitized?
DEEPPLAY	Text	3	Deepest Play
POITEMP	Float	5	Point of Interest Temperature, Degrees Fahrenheit
POIDEPTH	Long	5	Point of Interest Depth, Feet
POIFMNM	Text	43	Point of Interest Formation
BHTEMP	Float	5	Bottomhole Temperature, Degrees Fahrenheit
BHDEPTH	Long	5	Bottomhole Depth, Feet
BHFMNM	Text	43	Bottomhole Formation
LOGCOMMENT	Text	100	E-Log Comment
SUFFIXTR	Text	26	Suffix
STATUSTR	Text	9	Status
CMPMN	Short	2	Completion Month
CMPDY	Short	2	Completion Day
CMPYR	Short	4	Completion Year
FARM	Text	40	Farm
WELL_NUM	Text	12	Well Number
CO_NUM	Text	30	Company Number
MINERAL	Text	50	Mineral Owner
LEASE	Text	50	Lease Name
LEASENUM	Text	50	Lease Number
OPERNM	Text	55	Operator
ELEV	Short	4	Elevation, Feet

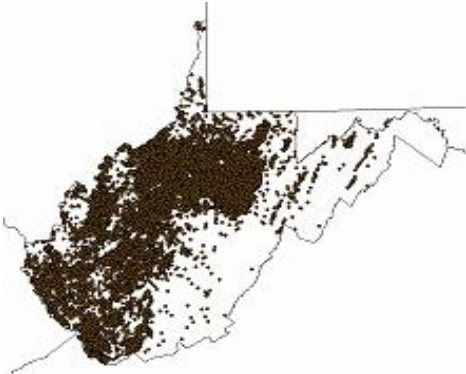
**Note: API number links to digitized logs for the well: 1) make layer active and use hyperlink tool (lightning bolt) or 2) use "i" tool and click on link in pop-up window.

West Virginia Geothermal Interactive Map: Layer Attribute Descriptions

DATUMTR	Text	15	Elevation Datum
FIELDNM	Text	35	Field Name
DFMNM	Text	43	Deepest Formation
DFMTNM	Text	43	Deepest Formation Tested
WELLTYPETR	Text	15	Well Type
CMPMTHDTR	Text	28	Completion Method
TD	Long	5	Total Depth, Feet
G_BEF	Long	6	Gas Volume Before Treatment, Thousand Cubic Feet/Day
G_AFT	Long	6	Gas Volume After Treatment, Thousand Cubic Feet/Day
O_BEF	Short	4	Oil Volume Before Treatment, Barrels/Day
O_AFT	Short	4	Oil Volume After Treatment, Barrels/Day
P_BEF	Short	4	Rock Pressure Before Treatment, Pounds/Square Inch
P_AFT	Short	4	Rock Pressure After Treatment, Pounds/Square Inch
MD	Long	5	Measured Depth, Feet

Wells with Scanned E-Logs

GeothermalWVScannedLogs_082012.shp
West Virginia Geological & Economic Survey



api***	Double	19	API Number
COUNTYNAME	Text	10	County Name
PERMIT	Long	5	Permit Number
QUAD75NM	Text	21	7.5-Minute Quadrangle
LAT_DD	Double	9	Latitude, Decimal Degrees
LON_DD	Double	10	Longitude, Decimal Degrees
UTME	Float	8	Universal Transverse Mercator Easting, Meters
UTMN	Double	9	Universal Transverse Mercator Northing, Meters
TXDSTNM	Text	18	Tax District
LOG_TOP	Long	5	Log Top Depth, Feet
LOG_BOT	Long	5	Log Bottom Depth, Feet
LOGS_AVAIL	Text	14	E-Logs Available
SCAN	Text	1	E-Log Scanned?
DIGITIZED	Text	1	E-Log Digitized?
DEEPLAY	Text	3	Deepest Play
POITEMP	Float	5	Point of Interest Temperature, Degrees Fahrenheit
POIDPTH	Long	5	Point of Interest Depth, Feet
POIFMNM	Text	43	Point of Interest Formation
BHTEMP	Float	5	Bottomhole Temperature, Degrees Fahrenheit
BHDEPTH	Long	5	Bottomhole Depth, Feet
BHFMNM	Text	43	Bottomhole Formation
LOGCOMMENT	Text	100	E-Log Comment
SUFFIXTR	Text	26	Suffix
STATUSTR	Text	9	Status
CMPMN	Short	2	Completion Month
CMPDY	Short	2	Completion Day
CMPYR	Short	4	Completion Year
FARM	Text	40	Farm
WELL_NUM	Text	12	Well Number
CO_NUM	Text	30	Company Number
MINERAL	Text	50	Mineral Owner
LEASE	Text	50	Lease Name
LEASENUM	Text	50	Lease Number
OPERNM	Text	55	Operator
ELEV	Short	4	Elevation, Feet
DATUMTR	Text	15	Elevation Datum
FIELDNM	Text	35	Field Name
DFMNM	Text	43	Deepest Formation
DFMTNM	Text	43	Deepest Formation Tested
WELLTYPETR	Text	15	Well Type
CMPMTHDTR	Text	28	Completion Method
TD	Long	5	Total Depth, Feet
G_BEF	Long	6	Gas Volume Before Treatment, Thousand Cubic Feet/Day

***Note: API number links to scanned logs for the well: 1) make layer active and use hyperlink tool (lightning bolt) or 2) use "i" tool and click on link in pop-up window.

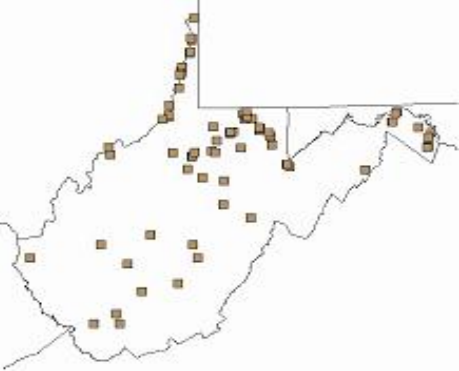
West Virginia Geothermal Interactive Map: Layer Attribute Descriptions

G_AFT	Long	6 Gas Volume After Treatment, Thousand Cubic Feet/Day
O_BEF	Short	4 Oil Volume Before Treatment, Barrels/Day
O_AFT	Short	4 Oil Volume After Treatment, Barrels/Day
P_BEF	Short	4 Rock Pressure Before Treatment, Pounds/Square Inch
P_AFT	Short	4 Rock Pressure After Treatment, Pounds/Square Inch
MD	Long	5 Measured Depth, Feet

Brownfields

BF_Inventory_Sites.shp

West Virginia Water Research Institute



Site_Name	Text	50 Site Name
Address	Text	100 Address
City	Text	50 City
Zip_Code	Text	12 Zip Code
County	Text	25 County

Kilns

Drykilns_2012.shp

West Division of Forestry



TYPE	Text	254 Kiln Type
COMPANY	Text	254 Company
ADDRESS	Text	254 Address
CITY	Text	254 City
ZIP	Text	254 Zip Code
COUNTY	Text	254 County
PHONE	Text	50 Telephone Number
WEBSITE	Text	50 Web Site URL

Geologic Map Units

wvgeol_polygon.shp

West Virginia Geological & Economic Survey / West Virginia Division of Environmental Protection / U.S. Geological Survey

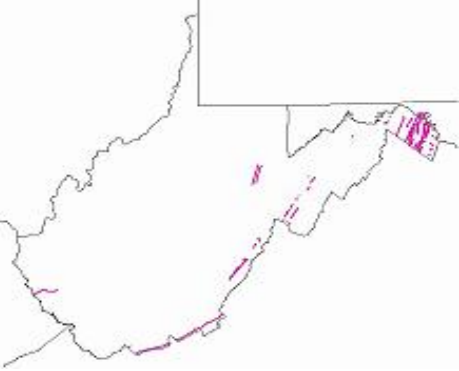


PERIOD	Text	15 Period
FORMATION	Text	40 Formation

Geologic Map Faults

wvfault_arc.shp

West Virginia Geological & Economic Survey / West Virginia Division of Environmental Protection / U.S. Geological Survey

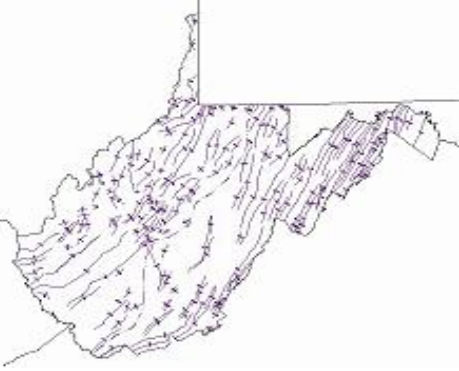


TYPE	Text	10	Fault Type
NAME	Text	30	Fault Name

Geologic Map Fold Axes

wvfold_arc.shp

West Virginia Geological & Economic Survey / West Virginia Division of Environmental Protection / U.S. Geological Survey

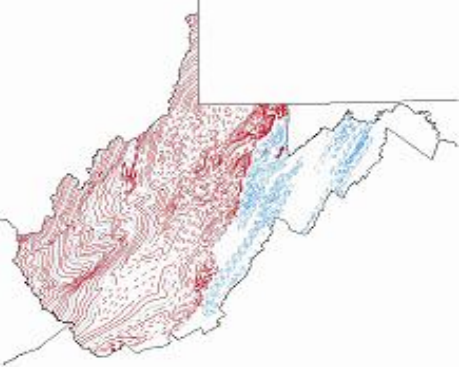


TYPE	Text	10	Fold Type
NAME	Text	30	Fold Name

Devonian Onondaga Structure Contours

WVOnondaga_Structure_12132010.shp

West Virginia Geological & Economic Survey



ELEVATION	Long	9	Contour Value, Feet
LINE_STYLE	Text	64	Contour Line Style

Devonian Onondaga Faults

WVOnondaga_Faults_12132010.shp

West Virginia Geological & Economic Survey



TYPE	Short	4	Fault Type Code
FAULT_TYPE	Text	50	Fault Type
Fault_Name	Text	25	Fault Name

Devonian Onondaga Fold Axes

WVOnondaga_Axes_12072010.shp

West Virginia Geological & Economic Survey



TYPE	Text	50	Fold Type
NAME	Text	50	Fold Name

Ordovician Structure Contours

WVOrdovicianContours_NAD83UTM17N_05272011.shp

West Virginia Geological & Economic Survey / Kentucky Geological Survey



VALUE	Double	19	Contour Value, Feet
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Ordovician Faults

WVOrdovicianFaults_NAD83UTM17N_05272011.shp

West Virginia Geological & Economic Survey / Kentucky Geological Survey



FLT_SYSTEM	Text	40	Fault System
DOWNTO	Text	6	Downthrown Side of the Fault
PCOFFSET	Text	6	Fault Offset Magnitude at the Top of the Precambrian (S=small, M=medium, L=large)
YOUNGEST_O	Text	40	Youngest Unit Offset by the Fault
CONFIDENCE	Short	3	Confidence
COMMENTS	Text	40	Comments

Precambrian Structure Contours

WVPreCambrianContours_NAD83UTM17N.shp

West Virginia Geological & Economic Survey / Kentucky Geological Survey

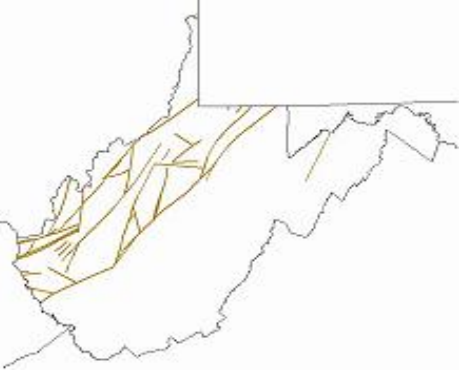


VALUE	Double	11	Contour Value, Feet
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Precambrian Faults

WVPreCambrianFaults_NAD83UTM17N.shp

West Virginia Geological & Economic Survey / Kentucky Geological Survey

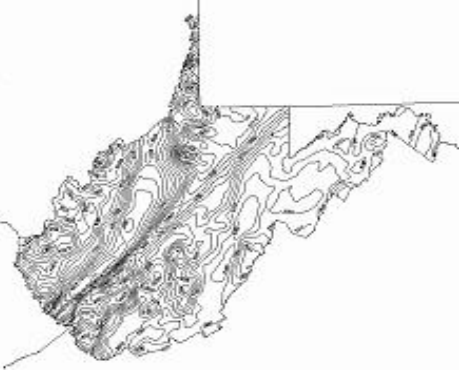


FLT_SYSTEM	Text	40	Fault System
DOWNT0	Text	6	Downthrown Side of the Fault
PCOFFSET	Text	6	Fault Offset Magnitude at the Top of the Precambrian (S=small, M=medium, L=large)
YOUNGEST_O	Text	40	Youngest Unit Offset by the Fault
CONFIDENCE	Short	3	Confidence
COMMENTS	Text	40	Comments

Aeromagnetic Data, Principal Contours

Aero_Principle_Contours.shp

West Virginia Geological & Economic Survey / West Virginia GIS Technical Center



Contour_Va	Short	4	Contour Value, Gammas
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Aeromagnetic Data, Principal Contours, Hachures

Aero_Principle_Hach.shp

West Virginia Geological & Economic Survey / West Virginia GIS Technical Center



Contour_Va	Short	4	Contour Value, Gammas
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Aeromagnetic Data, Secondary Contours

Aero_Secondary_Contours.shp

West Virginia Geological & Economic Survey / West Virginia GIS Technical Center

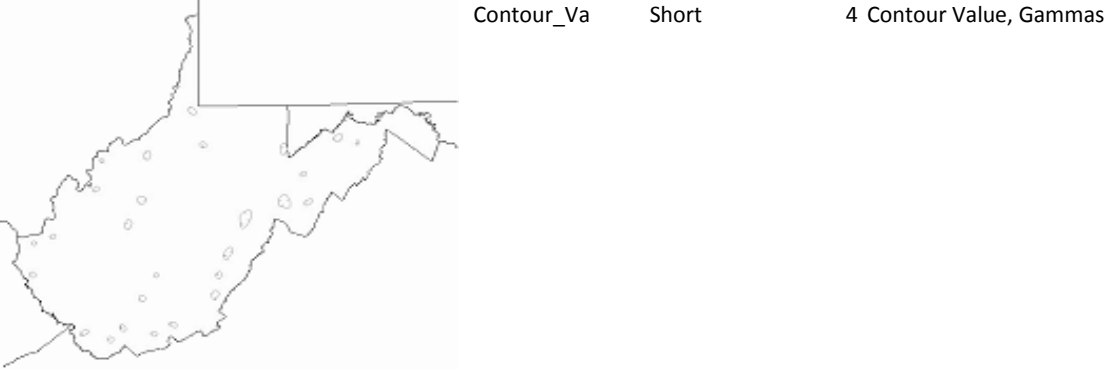


Contour_Va	Short	4	Contour Value, Gammas
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Aeromagnetic Data, Secondary Contours, Hachures

Aero_Hachured.shp

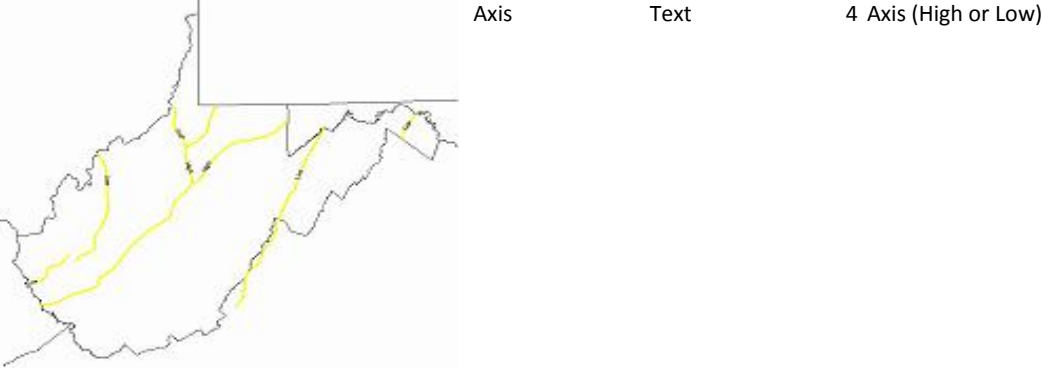
West Virginia Geological & Economic Survey / West Virginia GIS Technical Center



Axial Trace of Persistent Gravity High or Low

Gravity_lines.shp

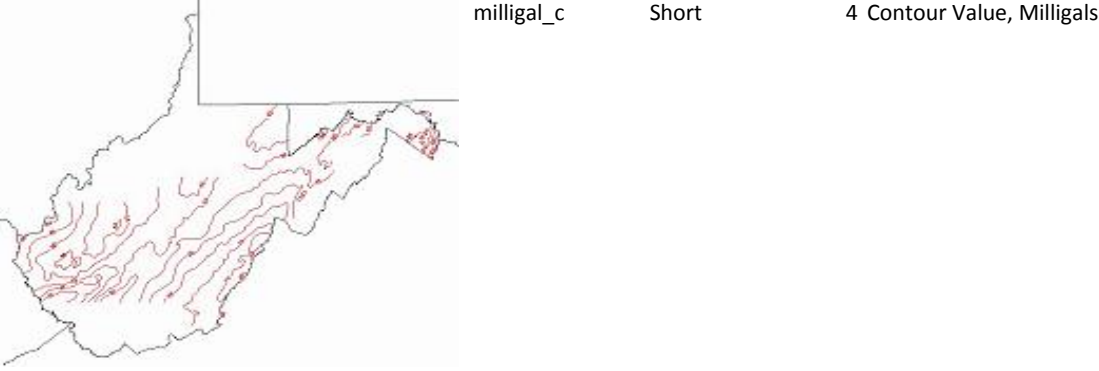
West Virginia Geological & Economic Survey / West Virginia GIS Technical Center / Geonet



Gravity Data, Terrain Corrected, Principal

Solid_prin.shp

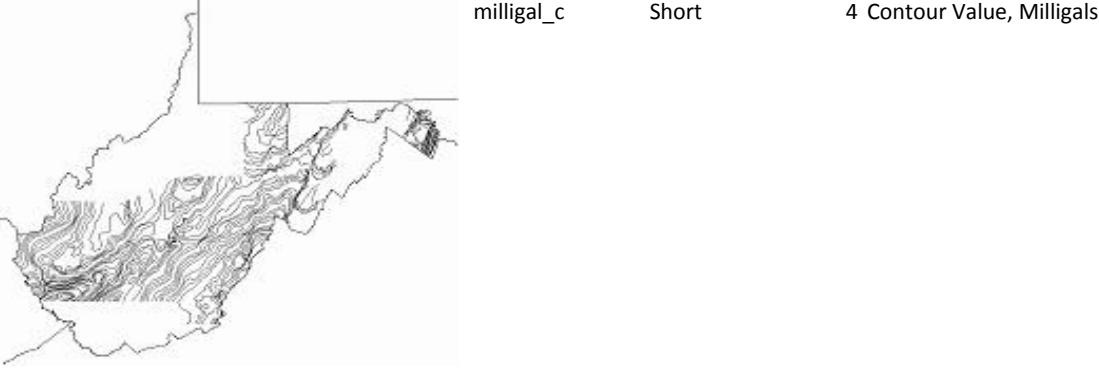
West Virginia Geological & Economic Survey / West Virginia GIS Technical Center / Geonet



Gravity Data, Terrain Corrected, Secondary

Solid_reg.shp

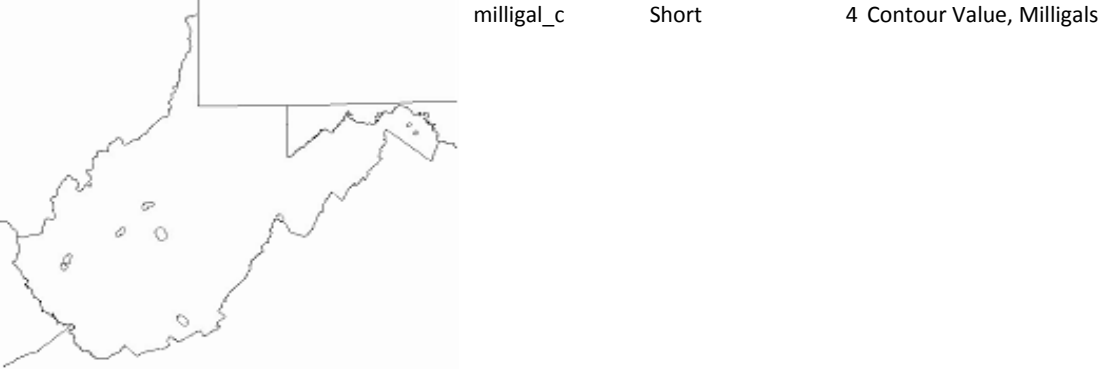
West Virginia Geological & Economic Survey / West Virginia GIS Technical Center / Geonet



Gravity Data, Terrain Corrected, Low

TerrainCorrectedHachures.shp

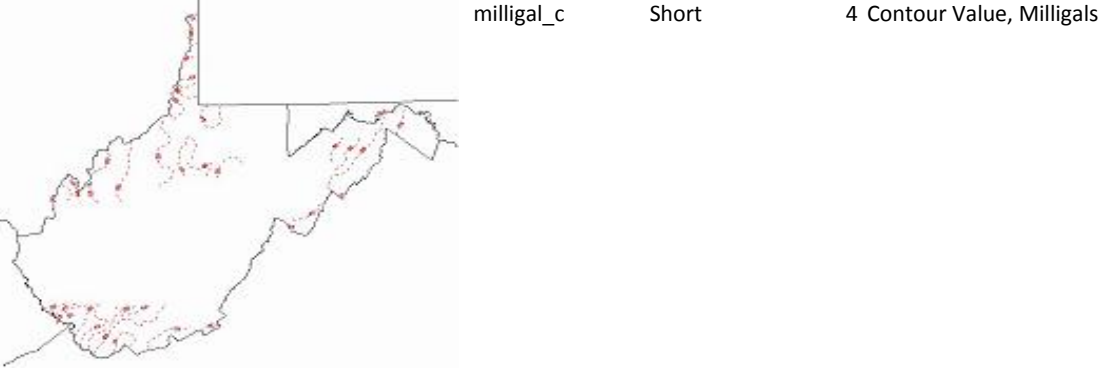
West Virginia Geological & Economic Survey / West Virginia GIS Technical Center



Gravity Data, Not Terrain Corrected, Principal

Dash_principle.shp

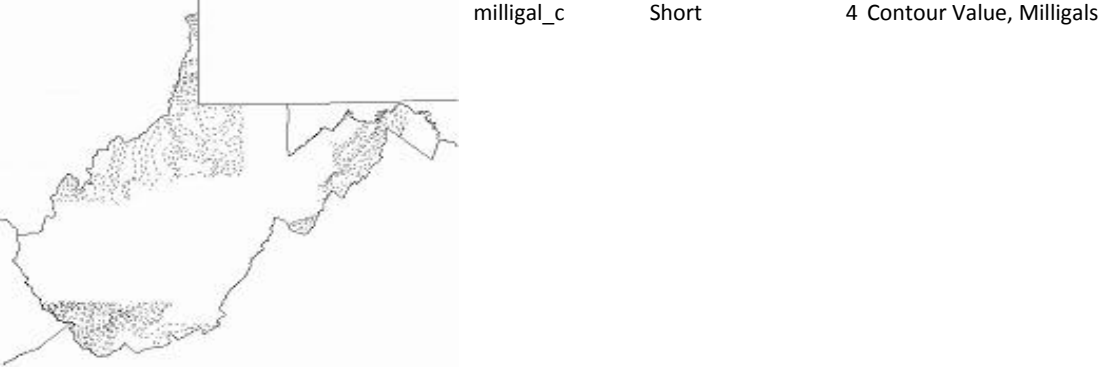
West Virginia Geological & Economic Survey / West Virginia GIS Technical Center / Geonet



Gravity Data, Not Terrain Corrected, Secondary

Dash_reg.shp

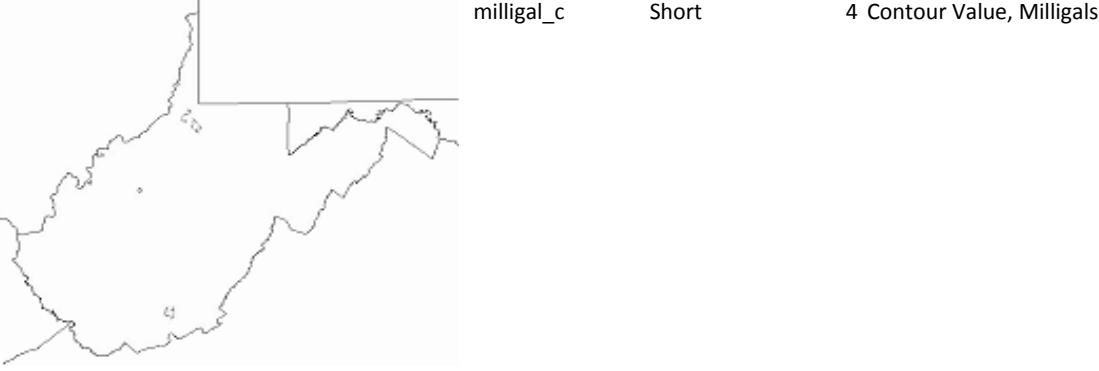
West Virginia Geological & Economic Survey / West Virginia GIS Technical Center / Geonet



Gravity Data, Not Terrain Corrected, Low

NotTerrainCorrectedHachures.shp

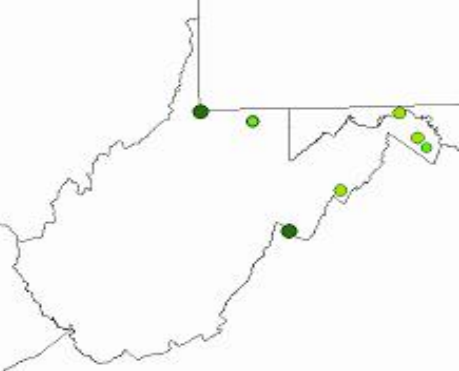
West Virginia Geological & Economic Survey / West Virginia GIS Technical Center / Geonet



Earthquake Epicenters, Historic

WV_Earthquake_Epicenters_20120316_WMA.shp

West Virginia Geological & Economic Survey

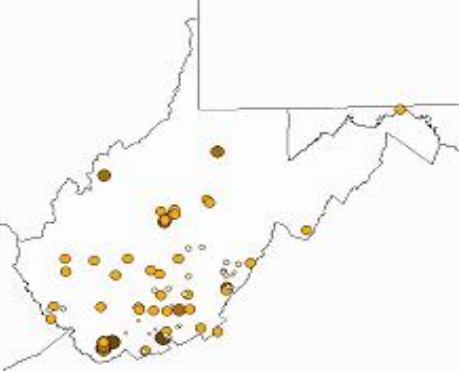


Num	Double	16	Record Number
WVQID	Double	16	Earthquake Identifier
County	Text	254	County Name
UTC_Year	Double	16	Year, Coordinated Universal Time
UTC_Month	Double	16	Month, Coordinated Universal Time
UTC_Day	Double	16	Day, Coordinated Universal Time
UTC_HH	Double	16	Hours, Coordinated Universal Time
UTC_MM	Double	16	Minutes, Coordinated Universal Time
UTC_SS	Double	16	Seconds, Coordinated Universal Time
Lat_N	Double	16	Latitude, Decimal Degrees
Long_W	Double	16	Longitude, Decimal Degrees
Mag	Double	16	Magnitude of Earthquake
Recorded	Text	254	Magnitude Source
MMI	Double	16	Modified Mercalli Intensity
Mag_Type	Text	254	Magnitude Type Code
Depth_KM	Text	254	Earthquake Hypocenter/Focus Depth, Kilometers
Source1	Text	254	Data Source One
Source2	Text	254	Data Source Two

Earthquake Epicenters, Instrumental

WV_Earthquake_Epicenters_20120316_WMA.shp

West Virginia Geological & Economic Survey

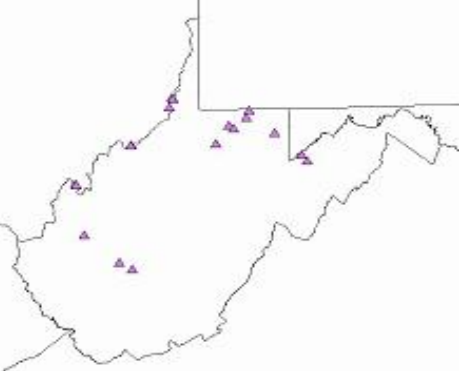


Num	Double	16	Record Number
WVQID	Double	16	Earthquake Identifier
County	Text	254	County Name
UTC_Year	Double	16	Year, Coordinated Universal Time
UTC_Month	Double	16	Month, Coordinated Universal Time
UTC_Day	Double	16	Day, Coordinated Universal Time
UTC_HH	Double	16	Hours, Coordinated Universal Time
UTC_MM	Double	16	Minutes, Coordinated Universal Time
UTC_SS	Double	16	Seconds, Coordinated Universal Time
Lat_N	Double	16	Latitude, Decimal Degrees
Long_W	Double	16	Longitude, Decimal Degrees
Mag	Double	16	Magnitude of Earthquake
Recorded	Text	254	Magnitude Source
MMI	Double	16	Modified Mercalli Intensity
Mag_Type	Text	254	Magnitude Type Code
Depth_KM	Text	254	Earthquake Hypocenter/Focus Depth, Kilometers
Source1	Text	254	Data Source One
Source2	Text	254	Data Source Two

Power Plants

NATCARB_Sources_v1104_WVPowerOnly.shp

U.S. Department of Energy



SOURCENAME	Text	250	Facility Name
OPERATOR	Text	150	Operator
CITY	Text	35	County
SRCTYPECOM	Text	25	Commodity
FUEL	Text	50	Fuel
CO2_TONNE	Long	9	CO2, Tonnes

Distribution Powerlines

distributionPowerlines_wvdnr_2003_utm83.shp

West Virginia GIS Technical Center



Type	Text	50 Powerline Type
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Interstate

wv_interstates.shp

West Virginia GIS Technical Center



LocalName	Text	254 Road Name
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U.S. Route

wv_us_routes.shp

West Virginia GIS Technical Center



LocalName	Text	254 Road Name
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State Route

wv_state_routes.shp

West Virginia GIS Technical Center



LocalName	Text	254 Road Name
-----------	------	---------------

Latitude/Longitude

inedexGrid1MinuteQuads_WVGISTC_utm83.shp

West Virginia GIS Technical Center

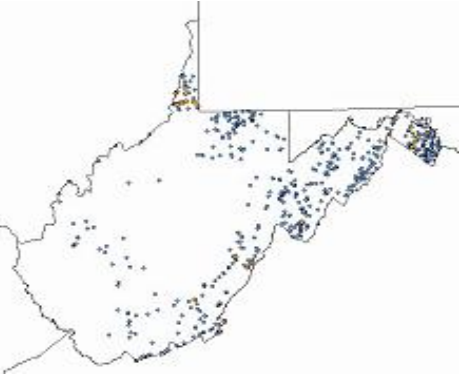


LAT	Text	4 Latitude
LON	Text	4 Longitude

Springs (Temperature Data)

WVSprings_DraftNew_TemperaturesOnly.shp

West Virginia Geological & Economic Survey

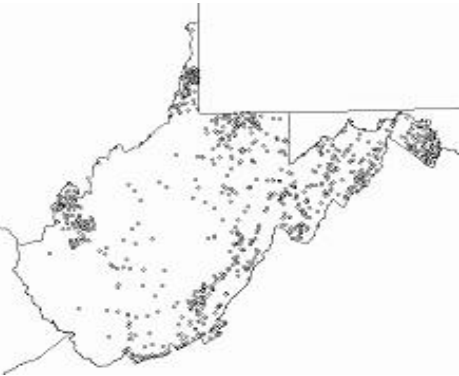


FAR_TEMP	Double	19 Temperature of Spring, Degrees Fahrenheit
SPRINGNAME	Text	45 Spring Name
DAY	Short	2 Day Measurement Taken
MONTH	Short	2 Month Measurement Taken
YEAR	Short	4 Year Measurement Taken

Springs (Basic Data)

WVSprings_DraftNew.shp

West Virginia Geological & Economic Survey

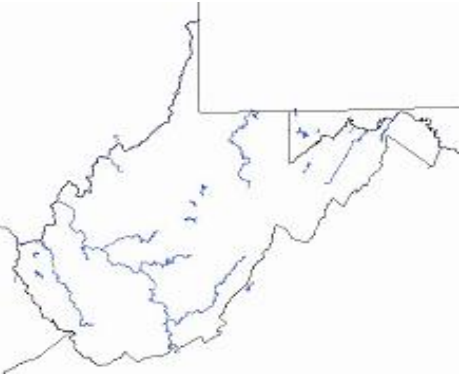


COUNTYNAME	Text	10 County Name
QUADNAME	Text	21 Quadrangle Name
FM1_TR	Text	43 Primary Stratigraphic Unit
ROCKTYPE1_	Text	60 Primary Rock Type
TOPO_TR	Text	14 Topographic Setting

Lakes and Rivers

WV_Lakes_MajorRivers.shp

West Virginia GIS Technical Center



NAME	Text	254 Lake/River Name
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Streams

wv_streams.shp

U.S. Geological Survey / U.S. Environmental Protection Agency / USDA Forest Service / West Virginia GIS Technical Center

GNIS_Name	Text	65 Stream Name
Feat_Code	Text	254 Stream Type



State Forests

wv_state_forests.shp

West Virginia Division of Forestry / West Virginia GIS Technical Center

NAME	Text	60 Forest Name
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State Parks

wv_state_parks.shp

West Virginia Division of Natural Resources / Natural Resource Analysis Center / U.S. Geological Survey / West Virginia GIS Technical Center

NAME	Text	35 Park Name
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National Forests

wv_nat_forest_utm83.shp

West Virginia GIS Technical Center

ADMIN_FORE	Text	254 Forest Name
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National Parks

ww_nat_parks.shp

West Virginia GIS Technical Center



NAME	Text	60 Park Name
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Shaded Hillside Relief

rhs_ned2.tif

National Elevation Data Set



Image File--No Attribute Data

SAMB Orthophotos

A_UTM17_Catalog

West Virginia Statewide Addressing and Mapping Board / West Virginia GIS Technical Center



Image File--No Attribute Data