

statelu09

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Identification_Information:

Citation:

Citation_Information:

Originator: Utah Division of Water Resources

Publication_Date: 2007

Title:

statelu09

Geospatial_Data_Presentation_Form: vector digital data

Online_Linkage: \\UTSTNRGIS\NRGIS\WREGIS\ludata\statwide\Water-relatedLU_09.gdb

Online_Linkage: \\UTSTNRGIS\NRGIS\WREGIS\ludata\statwide\Water-relatedLU_09.gdb

Description:

Abstract:

A polygon coverage containing water-related land-use for all agricultural areas of the state of Utah. Compiled from initial USGS 7.5 minute Digital Raster Graphic waterbodies, individual farming fields and associated areas are digitized from Digital Orthophotos, then surveyed for their land use, crop type, irrigation method, and associated attributes. Land use attribute descriptions can be found at <http://www.water.utah.gov/planning/landuse/index.htm>

Purpose:

Developed to provide summaries of land use for any area in the state for use in planning and water budgets. Also available for public distribution.

Time_Period_of_Content:

Time_Period_Information:

Range_of_Dates/Times:

Beginning_Date: 2004

Ending_Date: 2009

Currentness_Reference:

ground condition

Status:

Progress: Statewide coverage is complete

Maintenance_and_Update_Frequency: Annually

Spatial_Domain:

Bounding_Coordinates:

West_Bounding_Coordinate: -114.267306

East_Bounding_Coordinate: -108.899718

North_Bounding_Coordinate: 42.032260

South_Bounding_Coordinate: 36.961980

Keywords:

Theme:

Theme_Keyword_Thesaurus: REQUIRED: Reference to a formally registered thesaurus or a similar authoritative source of theme keywords.

Theme_Keyword: Agriculture

Theme_Keyword: farming

Theme_Keyword: crop

Theme_Keyword: water

Theme_Keyword: irrigation

Theme_Keyword: resources

Theme_Keyword: land use

Theme_Keyword: crop type

Place:

Place_Keyword: Utah

Place_Keyword: statewide

Place_Keyword: USA

Access_Constraints: None

Use_Constraints:

Please cite the Utah Division of Water Resources when using this data

Point_of_Contact:

Contact_Information:

Contact_Person_Primary:

Contact_Person: Eric Edgley

Contact_Organization: Utah Division of Water Resources

Contact_Position: Technical Services Section Chief

Contact_Address:

Address_Type: mailing and physical address

Address:

1594 West North Temple, Suite 310

Address:

P.O. Box 146201

City: Salt Lake City

State_or_Province: UT

Postal_Code: 84114-6201

Country: USA

Contact_Voice_Telephone: 801-538-7274

Contact_Facsimile_Telephone: 801-538-7279

Contact_Electronic_Mail_Address: ericedgley@utah.gov

Hours_of_Service: 7:00 a.m. to 6:00 p.m.

Contact_Instructions:

7:00 a.m. to 6:00 p.m.

Monday through Thursday

Native_Data_Set_Environment:

Microsoft Windows XP Version 5.1 (Build 2600) Service Pack 3; ESRI

ArcCatalog 9.3.1.3000

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Data_Quality_Information:

Attribute_Accuracy:

Attribute_Accuracy_Report:

Land-use and agriculture changes dramatically within a short time, thus each hydrologic basin is accurate for the year in which it was surveyed, as indicated by the field 'surv_year'.

Logical_Consistency_Report:

Each hydrologic basin is surveyed only once every few years and each one is manned with changing staff. Because of this there are some differences in definition of attributes from the oldest basin surveyed to the newest.

Completeness_Report:

This coverage is believed to be a statewide coverage of all agricultural endeavor in the state of Utah

Positional_Accuracy:

Horizontal_Positional_Accuracy:

Horizontal_Positional_Accuracy_Report:

This coverage was digitized using USGS 7.5 minute Digital Raster Graphics and Digital Orthophotos. All polygons are accurate at 1:24,000 scale.

Vertical_Positional_Accuracy:

Vertical_Positional_Accuracy_Report:

Not applicable

Lineage:

Source_Information:

Source_Citation:

Citation_Information:

Originator: AGRC staff, digitized from 7.5' USGS Quadrangles

Publication_Date: 1988

Title:

Waterbodies of Utah

Online_Linkage: <http://agrc.its.state.ut.us/>

Source_Scale_Denominator: Automated Geographic Reference Center

Type_of_Source_Media: online

Source_Time_Period_of_Content:

Source_Currentness_Reference:

publication date

Source_Citation_Abbreviation:

AGRC

Source_Contribution:

Waterbodies of Utah

Process_Step:

Process_Contact:

Contact_Information:

Contact_Person_Primary:

Contact_Person: Eric Edgley

Contact_Organization: Utah Division of Water Resources

Contact_Position: Technical Services Section Chief

Contact_Address:

Address_Type: mailing address

Address:

Division of Water Resources

City: Salt Lake City

State_or_Province: Utah

Postal_Code: 84114-6201

Country: USA

Contact_Voice_Telephone: 801-538-7274

Contact_Facsimile_Telephone: 801-538-7279

Contact_Electronic_Mail_Address: EricEdgley@ytah.gov

Hours_of_Service: 7 AM - 5 PM Mon. - Thurs.

Process_Step:

Process_Description:

Metadata imported.

Source_Used_Citation_Abbreviation:

R:\BPERRY\Projects\Misc\LUmetadata.xml

Process_Date: 20100126

Process_Time: 14271200

Cloud_Cover: minimal

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Spatial_Data_Organization_Information:

Direct_Spatial_Reference_Method: Vector

Point_and_Vector_Object_Information:

SDTS_Terms_Description:

SDTS_Point_and_Vector_Object_Type: G-polygon

Point_and_Vector_Object_Count: 237242

SDTS_Terms_Description:

SDTS_Point_and_Vector_Object_Type: Label point

Point_and_Vector_Object_Count: 150560

SDTS_Terms_Description:

SDTS_Point_and_Vector_Object_Type: GT-polygon composed of chains

Point_and_Vector_Object_Count: 154698

SDTS_Terms_Description:

SDTS_Point_and_Vector_Object_Type: Point

Point_and_Vector_Object_Count: 4

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Spatial_Reference_Information:

Horizontal_Coordinate_System_Definition:

Planar:

Grid_Coordinate_System:

Grid_Coordinate_System_Name: Universal Transverse Mercator

Universal_Transverse_Mercator:

UTM_Zone_Number: 12

Transverse_Mercator:

Scale_Factor_at_Central_Meridian: 0.999600

Longitude_of_Central_Meridian: -111.000000

Latitude_of_Projection_Origin: 0.000000

False_Easting: 500000.000000

False_Northing: 0.000000

Planar_Coordinate_Information:

Planar_Coordinate_Encoding_Method: coordinate pair

Coordinate_Representation:

Abscissa_Resolution: 0.000100

Ordinate_Resolution: 0.000100

Planar_Distance_Units: meters

Geodetic_Model:

Horizontal_Datum_Name: North American Datum of 1983

Ellipsoid_Name: Geodetic Reference System 80

Semi-major_Axis: 6378137.000000

Denominator_of_Flattening_Ratio: 298.257222

Vertical_Coordinate_System_Definition:

Altitude_System_Definition:

Altitude_Resolution: 0.000100

Altitude_Encoding_Method: Explicit elevation coordinate included with horizontal coordinates

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Entity_and_Attribute_Information:

Detailed_Description:

Entity_Type:

Entity_Type_Label: statelu09

Attribute:

Attribute_Label: Shape_Area

Attribute_Definition:

Area of feature in internal units squared.

Attribute_Definition_Source:

ESRI

Attribute_Domain_Values:

Unrepresentable_Domain:

Positive real numbers that are automatically generated.

Attribute:

Attribute_Label: ACRES

Attribute_Definition:

acres of each polygon

Attribute_Value_Accuracy_Information:

Attribute:

Attribute_Label: Shape

Attribute_Definition:

Feature geometry.

Attribute_Definition_Source:

ESRI

Attribute_Domain_Values:

Unrepresentable_Domain:

Coordinates defining the features.

Attribute:

Attribute_Label: LANDCOV

Attribute_Definition:

Division code for land cover, this code is being replaced by the new more detailed attribute of LUID.

Attribute_Domain_Values:

Enumerated_Domain:

Enumerated_Domain_Value: VC

Enumerated_Domain_Value_Definition:

Commercial/Industrial

Enumerated_Domain:

Enumerated_Domain_Value: VB

Enumerated_Domain_Value_Definition:

Residential

Enumerated_Domain:

Enumerated_Domain_Value: VA

Enumerated_Domain_Value_Definition:

Farmsteads

Enumerated_Domain:

Enumerated_Domain_Value: IA3a

Enumerated_Domain_Value_Definition:

Alfalfa

Enumerated_Domain:

Enumerated_Domain_Value: IB2a

Enumerated_Domain_Value_Definition:

Dry Alfalfa

Enumerated_Domain:

Enumerated_Domain_Value: IA2a

Enumerated_Domain_Value_Definition:

Grain

Enumerated_Domain:

Enumerated_Domain_Value: IB1a
Enumerated_Domain_Value_Definition:
Dry Grain/Beans/Seeds
Enumerated_Domain:
Enumerated_Domain_Value: IA4b
Enumerated_Domain_Value_Definition:
Idle
Enumerated_Domain:
Enumerated_Domain_Value: IB3b
Enumerated_Domain_Value_Definition:
Dry Idle
Enumerated_Domain:
Enumerated_Domain_Value: IA3d
Enumerated_Domain_Value_Definition:
Pasture
Enumerated_Domain:
Enumerated_Domain_Value: IB2b
Enumerated_Domain_Value_Definition:
Dry Pasture
Enumerated_Domain:
Enumerated_Domain_Value: IA2a1
Enumerated_Domain_Value_Definition:
Corn
Enumerated_Domain:
Enumerated_Domain_Value: IA3b
Enumerated_Domain_Value_Definition:
Grass Hay
Enumerated_Domain:
Enumerated_Domain_Value: IIA1a
Enumerated_Domain_Value_Definition:
Wet Pasture
Enumerated_Domain:
Enumerated_Domain_Value: IIA1b
Enumerated_Domain_Value_Definition:
Wet Hayland
Enumerated_Domain:
Enumerated_Domain_Value: IA4a
Enumerated_Domain_Value_Definition:
Fallow
Enumerated_Domain:
Enumerated_Domain_Value: IB3a
Enumerated_Domain_Value_Definition:
Dry Fallow
Enumerated_Domain:
Enumerated_Domain_Value: IIF
Enumerated_Domain_Value_Definition:

Open Water

Enumerated_Domain:

Enumerated_Domain_Value: IIF2

Enumerated_Domain_Value_Definition:

Reservoirs

Enumerated_Domain:

Enumerated_Domain_Value: IIF3

Enumerated_Domain_Value_Definition:

Ponds & Lakes

Enumerated_Domain:

Enumerated_Domain_Value: IIC

Enumerated_Domain_Value_Definition:

Wet Flats

Enumerated_Domain:

Enumerated_Domain_Value: IIF1

Enumerated_Domain_Value_Definition:

Streams

Enumerated_Domain:

Enumerated_Domain_Value: IA2b3

Enumerated_Domain_Value_Definition:

Beans

Enumerated_Domain:

Enumerated_Domain_Value: IB1a3

Enumerated_Domain_Value_Definition:

Dry Beans

Enumerated_Domain:

Enumerated_Domain_Value: IA2b2

Enumerated_Domain_Value_Definition:

Onions

Enumerated_Domain:

Enumerated_Domain_Value: IA2b1

Enumerated_Domain_Value_Definition:

Potatoes

Enumerated_Domain:

Enumerated_Domain_Value: IA2b4

Enumerated_Domain_Value_Definition:

Tomatoes

Enumerated_Domain:

Enumerated_Domain_Value: IA3c

Enumerated_Domain_Value_Definition:

Grass/Turf

Enumerated_Domain:

Enumerated_Domain_Value: IA1a

Enumerated_Domain_Value_Definition:

Orchard

Enumerated_Domain:

Enumerated_Domain_Value: IA1c
Enumerated_Domain_Value_Definition:
Vineyard
Enumerated_Domain:
Enumerated_Domain_Value: IA2a2
Enumerated_Domain_Value_Definition:
Sorghum
Enumerated_Domain:
Enumerated_Domain_Value: IA2b
Enumerated_Domain_Value_Definition:
Other Vegetables
Enumerated_Domain:
Enumerated_Domain_Value: IB1a4
Enumerated_Domain_Value_Definition:
Dry Safflower
Enumerated_Domain:
Enumerated_Domain_Value: IA1f
Enumerated_Domain_Value_Definition:
Other Horticulture
Enumerated_Domain:
Enumerated_Domain_Value: IIF4c
Enumerated_Domain_Value_Definition:
Evaporation Pond
Enumerated_Domain:
Enumerated_Domain_Value: IIF4b
Enumerated_Domain_Value_Definition:
Sewage Lagoon
Enumerated_Domain:
Enumerated_Domain_Value: IIE
Enumerated_Domain_Value_Definition:
Riparian
Enumerated_Domain:
Enumerated_Domain_Value: IA1e
Enumerated_Domain_Value_Definition:
Berries
Attribute_Value_Accuracy_Information:
Attribute_Value_Accuracy: 99%
Attribute_Value_Accuracy_Explanation:
All polygons are individually surveyed and groundtruthed
Attribute:
Attribute_Label: DESCRIPTIO
Attribute_Definition:
Description of cover type.
Attribute_Domain_Values:
Enumerated_Domain:
Enumerated_Domain_Value: S

Enumerated_Domain_Value_Definition:
Sprinkler

Enumerated_Domain:
Enumerated_Domain_Value: F

Enumerated_Domain_Value_Definition:
Flood

Enumerated_Domain:
Enumerated_Domain_Value_Definition:
No known method

Attribute_Value_Accuracy_Information:
Attribute_Value_Accuracy: 50%

Attribute_Value_Accuracy_Explanation:
Only half of the state has been assessed for irrigation method

Attribute:
Attribute_Label: COUNTY

Attribute_Definition:
Specific county location of polygon.

Attribute_Domain_Values:
Attribute_Value_Accuracy_Information:
Attribute:
Attribute_Label: SURV_YEAR

Attribute_Definition:
Year of land use survey.

Attribute_Domain_Values:
Attribute_Value_Accuracy_Information:
Attribute:
Attribute_Label: BASIN_NAME

Attribute_Definition:
Name of specific Hydrologic Basin

Attribute_Domain_Values:
Attribute_Value_Accuracy_Information:
Attribute:
Attribute_Label: LANDUSE

Attribute_Definition:
General land use categories

Attribute_Domain_Values:
Enumerated_Domain:
Enumerated_Domain_Value: IR

Enumerated_Domain_Value_Definition_Source:
Irrigated Agricultural Lands

Enumerated_Domain:
Enumerated_Domain_Value: NI

Enumerated_Domain_Value_Definition_Source:
Non-Irrigated Agricultural Lands

Enumerated_Domain:
Enumerated_Domain_Value: SubIR

Enumerated_Domain_Value_Definition_Source:
Naturally irrigated agricultural land (usually with a high water table)

Enumerated_Domain:

Enumerated_Domain_Value: RIP

Enumerated_Domain_Value_Definition_Source:

Non-Agricultural Wetland or Other Riparian Type.

Enumerated_Domain:

Enumerated_Domain_Value: WATER

Enumerated_Domain_Value_Definition_Source:

Areas of Open Water

Enumerated_Domain:

Enumerated_Domain_Value: URB

Enumerated_Domain_Value_Definition_Source:

All Other Urban Types (i.e. commercial, industrial, etc.)

Attribute:

Attribute_Label: IRR_TYPE

Attribute_Definition:

Irrigation status of polygon

Attribute_Domain_Values:

Enumerated_Domain:

Enumerated_Domain_Value: NI

Enumerated_Domain_Value_Definition:

Non-irrigated

Enumerated_Domain:

Enumerated_Domain_Value: IR

Enumerated_Domain_Value_Definition:

Irrigated

Enumerated_Domain:

Enumerated_Domain_Value: URB

Enumerated_Domain_Value_Definition:

Urban

Enumerated_Domain:

Enumerated_Domain_Value: URBRES

Enumerated_Domain_Value_Definition:

Urban Residential

Enumerated_Domain:

Enumerated_Domain_Value: RIP

Enumerated_Domain_Value_Definition:

Riparian

Attribute_Value_Accuracy_Information:

Attribute_Value_Accuracy: 99%

Attribute_Value_Accuracy_Explanation:

All polygons are individually surveyed and groundtruthed

Attribute:

Attribute_Label: LABEL

Attribute_Definition:

Abbreviated land cover description with irrigation type (for use collecting data in the field).

Attribute_Domain_Values:

Attribute:

Attribute_Label: LUID

Attribute_Definition:

Division numerical code for land use classification.

Attribute_Domain_Values:

Enumerated_Domain:

Enumerated_Domain_Value: 5

Enumerated_Domain_Value_Definition_Source:

Orchard - Includes all tree fruit types.

Enumerated_Domain:

Enumerated_Domain_Value: 10

Enumerated_Domain_Value_Definition_Source:

Vineyard

Enumerated_Domain:

Enumerated_Domain_Value: 15

Enumerated_Domain_Value_Definition_Source:

Berries - Includes shrub and small plant varieties.

Enumerated_Domain:

Enumerated_Domain_Value: 20

Enumerated_Domain_Value_Definition_Source:

Other Horticulture - Includes other fruit types not listed previously (cantaloupe, melons, etc.)

Enumerated_Domain:

Enumerated_Domain_Value: 25

Enumerated_Domain_Value_Definition_Source:

Grains - Includes various irrigated small grains not included below (wheat, barley, etc.)

Enumerated_Domain:

Enumerated_Domain_Value: 30

Enumerated_Domain_Value_Definition_Source:

Oats

Enumerated_Domain:

Enumerated_Domain_Value: 35

Enumerated_Domain_Value_Definition_Source:

Corn

Enumerated_Domain:

Enumerated_Domain_Value: 40

Enumerated_Domain_Value_Definition_Source:

Sorghum

Enumerated_Domain:

Enumerated_Domain_Value: 45

Enumerated_Domain_Value_Definition_Source:

Other Vegetables - Includes other vegetables not included below (cucumber, peppers, etc.)

Enumerated_Domain:

Enumerated_Domain_Value: 55

Enumerated_Domain_Value_Definition_Source:

Potatoes

Enumerated_Domain:

Enumerated_Domain_Value: 60

Enumerated_Domain_Value_Definition_Source:

Onions

Enumerated_Domain:

Enumerated_Domain_Value: 65

Enumerated_Domain_Value_Definition_Source:

Beans

Enumerated_Domain:

Enumerated_Domain_Value: 70

Enumerated_Domain_Value_Definition_Source:

Tomatoes

Enumerated_Domain:

Enumerated_Domain_Value: 75

Enumerated_Domain_Value_Definition_Source:

Alfalfa

Enumerated_Domain:

Enumerated_Domain_Value: 80

Enumerated_Domain_Value_Definition_Source:

Grass Hay - Typified by various grass mixtures that are cut and baled. Generally used for livestock feed.

Enumerated_Domain:

Enumerated_Domain_Value: 85

Enumerated_Domain_Value_Definition_Source:

Turf Farm - Typically growing grass turf for resale

Enumerated_Domain:

Enumerated_Domain_Value: 90

Enumerated_Domain_Value_Definition_Source:

Pasture - Areas of un-cut livestock grazing land. Typically fenced and surface irrigated. Vegetation ranges from naturally growing meadow grasses and forbs to cultivated feed.

Enumerated_Domain:

Enumerated_Domain_Value: 110

Enumerated_Domain_Value_Definition_Source:

Fallow - areas normally irrigated that have typically been disced or tilled and left dormant during the normal growing season.

Enumerated_Domain:

Enumerated_Domain_Value: 115

Enumerated_Domain_Value_Definition_Source:

Idle - areas normally irrigated that have been left dormant for more than 2 years and have not been disced or tilled.

Enumerated_Domain:

Enumerated_Domain_Value: 120

Enumerated_Domain_Value_Definition_Source:

Dry Grain/Seeds - Includes various irrigated small grains (wheat, barley, etc.)

Enumerated_Domain:

Enumerated_Domain_Value: 125

Enumerated_Domain_Value_Definition_Source:

Dry Oats

Enumerated_Domain:

Enumerated_Domain_Value: 130

Enumerated_Domain_Value_Definition_Source:

Dry Beans

Enumerated_Domain:

Enumerated_Domain_Value: 66

Enumerated_Domain_Value_Definition_Source:

Safflower

Enumerated_Domain:

Enumerated_Domain_Value: 140

Enumerated_Domain_Value_Definition_Source:

Dry Alfalfa

Enumerated_Domain:

Enumerated_Domain_Value: 145

Enumerated_Domain_Value_Definition_Source:

Dry Pasture - Areas of un-cut livestock grazing land. Typically fenced.

Vegetation ranges from naturally growing meadow grasses and forbs to cultivated feed.

Enumerated_Domain:

Enumerated_Domain_Value: 150

Enumerated_Domain_Value_Definition_Source:

Dry Fallow - Areas that have typically been disced or tilled and left dormant during the normal growing season.

Enumerated_Domain:

Enumerated_Domain_Value: 155

Enumerated_Domain_Value_Definition_Source:

Dry Idle - Typically have been left dormant for more than 2 years and have not been disced or tilled.

Enumerated_Domain:

Enumerated_Domain_Value: 100

Enumerated_Domain_Value_Definition_Source:

Pasture sub-irrigated - Typically fenced areas of un-cut livestock grazing land.

Vegetation ranges from naturally growing meadow grasses and forbs to cultivated feed.

Enumerated_Domain:

Enumerated_Domain_Value: 105

Enumerated_Domain_Value_Definition_Source:
Hayland-sub irrigated areas typified by various grass mixtures that are cut and bailed. Generally used for livestock feed.

Enumerated_Domain:

Enumerated_Domain_Value: 165

Enumerated_Domain_Value_Definition_Source:

Riparian - A general category of various riparian and wetland environments that have no agricultural use. These areas should not be assumed to be official or jurisdictional wetlands. Jurisdictional data should be obtained from the USFWS and the National Wetlands Inventory

Enumerated_Domain:

Enumerated_Domain_Value: 175

Enumerated_Domain_Value_Definition_Source:

Streams

Enumerated_Domain:

Enumerated_Domain_Value: 180

Enumerated_Domain_Value_Definition_Source:

Reservoirs - Typically man-made water bodies.

Enumerated_Domain:

Enumerated_Domain_Value: 185

Enumerated_Domain_Value_Definition_Source:

Ponds & Lakes - Typically natural ponds and lakes

Enumerated_Domain:

Enumerated_Domain_Value: 190

Enumerated_Domain_Value_Definition_Source:

Sewage Lagoon

Enumerated_Domain:

Enumerated_Domain_Value: 195

Enumerated_Domain_Value_Definition_Source:

Evaporation Pond

Enumerated_Domain:

Enumerated_Domain_Value: 200

Enumerated_Domain_Value_Definition_Source:

Urban - Residential, farmsteads, homes and buildings, also urban areas of commercial and industrial use.

Enumerated_Domain:

Enumerated_Domain_Value: 205

Enumerated_Domain_Value_Definition_Source:

Urban Grass/Parks - Typically large open areas of irrigated turf such as parks, cemeteries, school and church yards, golf courses, etc.

Attribute:

Attribute_Label: Shape_Length

Attribute_Definition:

Length of feature in internal units.

Attribute_Definition_Source:

ESRI

Attribute_Domain_Values:
Unrepresentable_Domain:
Positive real numbers that are automatically generated.
Attribute:
Attribute_Label: OBJECTID
Attribute_Definition:
Internal feature number.
Attribute_Definition_Source:
ESRI
Attribute_Domain_Values:
Unrepresentable_Domain:
Sequential unique whole numbers that are automatically generated.

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Distribution_Information:
Distributor:
Contact_Information:
Contact_Organization_Primary:
Contact_Organization: Utah Automated Geographic Reference Center
Contact_Address:
Address_Type: Automated Geographic Reference Center
Address:
5130 State Office Building
City: Salt Lake City
State_or_Province: Utah
Postal_Code: 84114
Country: USA
Contact_Voice_Telephone: 801-538-3665
Contact_Facsimile_Telephone: 801-538-3317
Hours_of_Service: Monday - Thursday 7 am - 6 pm
Contact_Instructions:
<http://gis.utah.gov/>
Resource_Description: Downloadable Data
Standard_Order_Process:
Digital_Form:
Digital_Transfer_Information:
Transfer_Size: 77.799

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Distribution_Information:
Distributor:
Contact_Information:
Contact_Organization_Primary:
Contact_Organization: Utah Division of Water Resources
Contact_Instructions:
<http://www.water.utah.gov/planning/landuse/index.htm>

Resource_Description: Downloadable Data

Standard_Order_Process:

Digital_Form:

Digital_Transfer_Information:

Transfer_Size: 81.618

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Metadata_Reference_Information:

Metadata_Date: 20100201

Metadata_Review_Date: 20090429

Metadata_Future_Review_Date: 20101204

Metadata_Contact:

Contact_Information:

Contact_Person_Primary:

Contact_Person: Barbara K. Perry

Contact_Organization: Utah Division of Water Resources

Contact_Position: GIS Analyst

Contact_Address:

Address_Type: mailing address

Address:

1594 W. North Temple, Suite 310

City: Salt Lake City

State_or_Province: UT

Postal_Code: 84114

Country: USA

Contact_Voice_Telephone: 801-538-7256

Contact_Facsimile_Telephone: 801-538-7279

Contact_Electronic_Mail_Address: bperry@utah.gov

Hours_of_Service: 7:00 AM to 6:00 PM Mon. - Thurs.

Contact_Instructions:

7:00 a.m. to 6:00 p.m.

Monday through Thursday

Metadata_Standard_Name: FGDC Content Standards for Digital Geospatial

Metadata

Metadata_Standard_Version: FGDC-STD-001-1998

Metadata_Time_Convention: local time

Metadata_Access_Constraints: none

Metadata_Use_Constraints:

none

Metadata_Security_Information:

Metadata_Security_Classification: Unclassified

Metadata_Extensions:

Online_Linkage: <http://www.esri.com/metadata/esriprof80.html>

Profile_Name: ESRI Metadata Profile

Metadata_Extensions:

Online_Linkage: <http://www.esri.com/metadata/esriprof80.html>

Profile_Name: ESRI Metadata Profile

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Online_Linkage: <http://www.esri.com/metadata/esriprof80.html>

Profile_Name: ESRI Metadata Profile