

Identification_Information:

Citation:

Citation_Information:

Originator: USDO I - BLM - Nevada State Office - Geographic Sciences

Publication_Date: 20060531

Publication_Time: 14:00

Title: NV2005fires

Edition: N/A

Geospatial_Data_Presentation_Form: vector digital data

Description:

Abstract: This dataset is a summary of the 2005 fire season. The attribute data includes the Unit ID, fire number, acres and year of each fire polygon as well as the BLM and GEOMAC national standard attributes for point of contact, etc. There are gaps in the attribute table where such attributes were not available or the polygons are unburned islands within fire perimeters.

Purpose: This was meant to be a central source of historical GIS fire data to be used in other analysis supporting fire management efforts, land use planning, and rehabilitation of lands affected by fire.

Supplemental_Information: This feature class is as complete as possible due to data availability.

Time_Period_of_Content:

Time_Period_Information:

Range_of_Dates/Times:

Beginning_Date: 20050101

Beginning_Time: unknown

Ending_Date: 20051231

Ending_Time: unknown

Currentness_Reference: publication date

Status:

Progress: Complete

Maintenance_and_Update_Frequency: None planned

Spatial_Domain:

Bounding_Coordinates:

West_Bounding_Coordinate: -119.875989

East_Bounding_Coordinate: -113.990236

North_Bounding_Coordinate: 41.995195

South_Bounding_Coordinate: 35.739458

Keywords:

Theme:

Theme_Keyword_Thesaurus: none

Theme_Keyword: Fire

Theme_Keyword: Wildland Fires

Theme_Keyword: BLM

Place:

Place_Keyword_Thesaurus: none

Place_Keyword: Nevada

Stratum:

Stratum_Keyword_Thesaurus: none

Stratum_Keyword: n/a

Temporal:

Temporal_Keyword_Thesaurus: none

Temporal_Keyword: 2005

Access_Constraints: Although this data was produced on the BLM computer system at the Nevada State Office, no liability is assumed for the current accuracy or utility of the data on any system or for general or scientific purposes, nor shall the act of distribution constitute any such warranty for individual or aggregate data use with other data. The BLM shall not be held liable for

improper use of the data described and/or contained herein. By using this data you hereby agree to these conditions.

Use_Constraints: Reference and acknowledge the Bureau of Land Management in products derived from this map.

Point_of_Contact:

Contact_Information:

Contact_Organization_Primary:

Contact_Organization: USDOJ - BLM - Nevada State Office - Geographic Sciences Division

Contact_Position: GIS Coordinator

Contact_Address:

Address_Type: mailing address

Address: P.O. Box 12000

City: Reno

State_or_Province: NV

Postal_Code: 89520-0006

Country: U.S.A.

Contact_Voice_Telephone: 775-861-6400

Contact_Facsimile_Telephone: 775-861-6634

Contact_Electronic_Mail_Address: mobrien@nv.blm.gov

Hours_of_Service: 7:30 am to 4:30 pm

Data_Set_Credit: Original polygons gathered by NV BLM field office staff and compiled by Steven Moore at NVSO.

Security_Information:

Security_Classification_System: N/A

Security_Classification: Unclassified

Security_Handling_Description: none

Native_Data_Set_Environment: Microsoft Windows XP Version 5.1 (Build 2600) Service Pack 2; ESRI ArcCatalog 9.1.0.722

Data_Quality_Information:

Attribute_Accuracy:

Attribute_Accuracy_Report: The data for this layer was checked for accuracy by field office personnel, and reviewed as far as possible for accuracy during compilation at the Nevada State Office.

Logical_Consistency_Report: Polygon topology present.

Completeness_Report: This data contains the majority of fires over 10 acres in size that occurred in Nevada in 2005. Some fires that were reported have not been mapped or the data is not available

Positional_Accuracy:

Horizontal_Positional_Accuracy:

Horizontal_Positional_Accuracy_Report: Polygon perimeters were collected using GPS units or screen digitized from DRGs based on first-hand knowledge and reviewed for accuracy by field office personnel and State office staff.

Vertical_Positional_Accuracy:

Vertical_Positional_Accuracy_Report: n/a

Lineage:

Source_Information:

Source_Scale_Denominator: 1:24,000

Type_of_Source_Media: computer program

Source_Time_Period_of_Content:

Time_Period_Information:

Range_of_Dates/Times:

Beginning_Date: 20050101

Beginning_Time: unknown

Ending_Date: 20051231

Ending_Time: unknown

Source_Currentness_Reference: publication date

Source_Contribution: Base layer data
Process_Step:

Process_Description:

Field staff collected the fire perimeters for the year 2005 mostly by the use of various GPS receivers. A few perimeters were screen digitized from background topographic map DRGs. After these shapefiles and coverages were gathered from their sources they were reviewed for positional accuracy, attribute correctness and completeness. Often, only the bare minimum of information was available to input for a fire's attribute table since the source of the files failed to provide such data. The files were imported into ArcInfo with the "Shapearc" command where the attributes were organized with "Additems" and "Pullitems" commands so attributes would conform to National BLM and GeoMAC fire perimeter database standards and attribute tables would match between feature classes. The file was then imported into a comprehensive fire history personal geodatabase for public distribution.

The coordinate system used for the source files was UTM zone 11 NAD27 and NAD83. However, this had to be assumed for some of the less complete files since this information was not provided. Data was then projected to Geographic Coordinate System NAD83 as part of a multi-year fire history personal geodatabase.

Process_Date: 20060525

Process_Contact:

Contact_Information:

Contact_Person_Primary:

Contact_Person: Steven Moore

Contact_Organization: USDO I - BLM - Nevada State Office - Geographic Sciences Division

Contact_Position: Fire GIS Specialist

Contact_Address:

Address_Type: mailing address

Address: P.O. BOX 12000

City: Reno

State_or_Province: NV

Postal_Code: 89520-0006

Country: U.S.A.

Contact_Voice_Telephone: 775-861-6577

Contact_Facsimile_Telephone: 775-861-6634

Contact_Electronic_Mail_Address: steven_moore@nv.blm.gov

Hours_of_Service: 8:30 am - 5:30 pm

Process_Step:

Process_Description: Metadata imported and updated for 2005.

Process_Contact:

Contact_Information:

Contact_Person_Primary:

Contact_Person: Steven Moore

Contact_Organization: USDO I - BLM - Nevada State Office - Geographic Sciences Division

Contact_Position: Fire GIS Specialist

Contact_Voice_Telephone: 775-861-6577

Contact_Facsimile_Telephone: 775-861-6634

Contact_Electronic_Mail_Address: steven_moore@nv.blm.gov

Hours_of_Service: 8:30 am - 5:30 pm

Process_Step:

Process_Description: Metadata imported.

Source_Used_Citation_Abbreviation: C:\Workspace\NV2005fires.shp.xml

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: 106
SDTS_Terms_Description:
SDTS_Point_and_Vector_Object_Type: Label point
Point_and_Vector_Object_Count: 36
SDTS_Terms_Description:
SDTS_Point_and_Vector_Object_Type: GT-polygon composed of chains
Point_and_Vector_Object_Count: 35
SDTS_Terms_Description:
SDTS_Point_and_Vector_Object_Type: Point
Point_and_Vector_Object_Count: 10
SDTS_Terms_Description:
SDTS_Point_and_Vector_Object_Type: Composite object
Point_and_Vector_Object_Count: 714
SDTS_Terms_Description:
SDTS_Point_and_Vector_Object_Type: Composite object
Point_and_Vector_Object_Count: 633
SDTS_Terms_Description:
SDTS_Point_and_Vector_Object_Type: Composite object
Point_and_Vector_Object_Count: 559
SDTS_Terms_Description:
SDTS_Point_and_Vector_Object_Type: Composite object
Point_and_Vector_Object_Count: 518
SDTS_Terms_Description:
SDTS_Point_and_Vector_Object_Type: Composite object
Point_and_Vector_Object_Count: 251
SDTS_Terms_Description:
SDTS_Point_and_Vector_Object_Type: Composite object
Point_and_Vector_Object_Count: 96
SDTS_Terms_Description:
SDTS_Point_and_Vector_Object_Type: Composite object
Point_and_Vector_Object_Count: 241
Spatial_Reference_Information:
Horizontal_Coordinate_System_Definition:
Geographic:
Latitude_Resolution: 0.000000
Longitude_Resolution: 0.000000
Geographic_Coordinate_Units: Decimal degrees
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_Datum_Name: National Geodetic Vertical Datum of 1929
Altitude_Resolution: 0.000010
Altitude_Distance_Units: meters
Altitude_Encoding_Method: Explicit elevation coordinate included with
horizontal coordinates
Entity_and_Attribute_Information:
Detailed_Description:
Entity_Type:
Entity_Type_Label: NV2005fires
Entity_Type_Definition: Shapefile Attribute table

Entity_Type_Definition_Source: Software generated
Attribute:
Attribute_Label: POC_EPHONE
Attribute_Definition: Point of contact event telephone number
Attribute_Definition_Source: Information Bulletin No. OF&A 98-030
Attribute_Domain_Values:
Unrepresentable_Domain: Point of contact event telephone number
Beginning_Date_of_Attribute_Values: 01/01/2005
Ending_Date_of_Attribute_Values: 12/31/2005
Attribute:
Attribute_Label: OBJECTID
Attribute_Definition: Internal feature number.
Attribute_Definition_Source: ESRI
Attribute:
Attribute_Label: EVENT_NAME
Attribute_Definition: Dispatch assigned fire name based on nearby
geographic features
Attribute_Definition_Source: Information Bulletin No. OF&A 98-030
Attribute_Domain_Values:
Unrepresentable_Domain: Dispatch assigned fire names
Attribute:
Attribute_Label: C_DATE
Attribute_Definition: Date of data collection
Attribute_Definition_Source: Information Bulletin No. OF&A 98-030
Attribute_Domain_Values:
Unrepresentable_Domain: Date of data collection
Attribute:
Attribute_Label: Acres
Attribute_Definition: Calculated from feature area in square meters.
Attribute:
Attribute_Label: POC_NAME
Attribute_Definition: Point of contact name
Attribute_Definition_Source: Information Bulletin No. OF&A 98-030
Attribute_Domain_Values:
Unrepresentable_Domain: Point of contact name
Attribute:
Attribute_Label: POC_EMAIL
Attribute_Definition: Point of contact email address
Attribute_Definition_Source: Information Bulletin No. OF&A 98-030
Attribute_Domain_Values:
Unrepresentable_Domain: Point of contact email address
Attribute:
Attribute_Label: POC_OPHONE
Attribute_Definition: Point of contact office telephone number
Attribute_Definition_Source: Information Bulletin No. OF&A 98-030
Attribute_Domain_Values:
Unrepresentable_Domain: Point of contact office telephone number
Attribute:
Attribute_Label: POC_CPHONE
Attribute_Definition: Point of contact cellular telephone number
Attribute_Definition_Source: Information Bulletin No. OF&A 98-030
Attribute_Domain_Values:
Unrepresentable_Domain: Point of contact cellular telephone number
Attribute:
Attribute_Label: Shape
Attribute_Definition: Feature geometry.
Attribute_Definition_Source: ESRI

Attribute_Domain_Values:
Unrepresentable_Domain: Coordinates defining the features.

Attribute:
Attribute_Label: UNIT_ID
Attribute_Definition: Two letter state office code plus three letter code for the field office reporting the incident.
Attribute_Definition_Source: Information Bulletin No. OF&A 98-030
Attribute_Domain_Values:
Unrepresentable_Domain: BLM field office unit numbers.

Attribute:
Attribute_Label: FIRE_NAME
Attribute_Definition: Dispatch assigned fire name from DI-1202 based on nearby geographic features
Attribute_Definition_Source: Information Bulletin No. OF&A 98-030
Attribute_Domain_Values:
Unrepresentable_Domain: Dispatch assigned fire names

Attribute:
Attribute_Label: LATITUDE
Attribute_Definition: Horizontal coordinate
Attribute_Definition_Source: Information Bulletin No. OF&A 98-030
Attribute_Domain_Values:
Range_Domain:
Range_Domain_Minimum: 0
Range_Domain_Maximum: 90
Attribute_Units_of_Measure: degrees

Attribute:
Attribute_Label: LONGITUDE
Attribute_Definition: Vertical coordinate
Attribute_Definition_Source: Information Bulletin No. OF&A 98-030
Attribute_Domain_Values:
Range_Domain:
Range_Domain_Minimum: 0
Range_Domain_Maximum: -180
Attribute_Units_of_Measure: degrees

Attribute:
Attribute_Label: COMMENTS
Attribute_Definition: Brief pertinent comments about the fire or data
Attribute_Definition_Source: Information Bulletin No. OF&A 98-030

Attribute:
Attribute_Label: EVENT_NUM
Attribute_Definition: Unit ID plus fire number
Attribute_Definition_Source: Information Bulletin No. OF&A 98-030
Attribute_Domain_Values:
Unrepresentable_Domain: Unit ID plus fire number

Attribute:
Attribute_Label: EVENT_TYPE
Attribute_Definition: Categorical description of incident type
Attribute_Definition_Source: Information Bulletin No. OF&A 98-030
Attribute_Domain_Values:
Unrepresentable_Domain: Categorical description of incident type

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: C_METHOD
Attribute_Definition: Method of data collection similar to "Mapping Code"
attribute
Attribute_Definition_Source: Information Bulletin No. OF&A 98-030
Attribute_Domain_Values:
Unrepresentable_Domain: Method of data collection

Attribute:
Attribute_Label: FIRE_NUMBER
Attribute_Definition: 4 character Alphanumeric Code assigned to fire by
Fire Dispatch
Attribute_Definition_Source: Fire Polygon Database Protocol Standard IB#
OF&A 98-030

Attribute:
Attribute_Label: C_TIME
Attribute_Definition: Time of data collection
Attribute_Definition_Source: Information Bulletin No. OF&A 98-030
Attribute_Domain_Values:
Unrepresentable_Domain: Time of data collection

Attribute:
Attribute_Label: DATE_MAPPED
Attribute_Definition: YYYYMMDD numeric value for the date the fire
perimeter data was collected
Attribute_Definition_Source: Fire Polygon Database Protocol Standard IB#
OF&A 98-030

Attribute:
Attribute_Label: MAPPING_CODE
Attribute_Definition: Numeric code assigned to denote the method of data
collection.
Attribute_Definition_Source: Fire Polygon Database Protocol Standard IB#
OF&A 98-030
Attribute_Domain_Values:
Enumerated_Domain:
Enumerated_Domain_Value: 1
Enumerated_Domain_Value_Definition: GPS mapped by walking the
perimeter of the fire
Enumerated_Domain_Value_Definition_Source: Fire Polygon Database
Protocol Standard IB# OF&A 98-030
Enumerated_Domain:
Enumerated_Domain_Value: 2
Enumerated_Domain_Value_Definition: GPS mapped by driving the
perimeter of the fire
Enumerated_Domain_Value_Definition_Source: Fire Polygon Database
Protocol Standard IB# OF&A 98-030
Enumerated_Domain:
Enumerated_Domain_Value: 3
Enumerated_Domain_Value_Definition: GPS mapped by driving and walking
the perimeter of the fire
Enumerated_Domain_Value_Definition_Source: Fire Polygon Database
Protocol Standard IB# OF&A 98-030
Enumerated_Domain:
Enumerated_Domain_Value: 4
Enumerated_Domain_Value_Definition: GPS mapped by helicopter
Enumerated_Domain_Value_Definition_Source: Fire Polygon Database
Protocol Standard IB# OF&A 98-030

Attribute:
Attribute_Label: GPS_UNIT_TYPE

Attribute_Definition: Manufacturer and model name of the GPS receiver used to collect the fire perimeter

Attribute_Definition_Source: Fire Polygon Database Protocol Standard IB# OF&A 98-030

Attribute:

Attribute_Label: PERCENT_BURN

Attribute_Definition: Three digit percentage of the fire area within the perimeter that was burned

Attribute_Definition_Source: Fire Polygon Database Protocol Standard IB# OF&A 98-030

Attribute:

Attribute_Label: MAPPED_ACRES

Attribute_Definition: Calculated from feature area in square meters.

Attribute_Definition_Source: Fire Polygon Database Protocol Standard IB# OF&A 98-030

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.

Overview_Description:

Entity_and_Attribute_Overview: Attributes describe the name, location, date and method of data collection, size, percent burned, comments, and point of contact information for a fire incident.

Entity_and_Attribute_Detail_Citation: Data conforms to National BLM Fire Polygon database 9210 (FS-130)N standards from Information Bulletin OF&A 98-030 and Draft 2 of 2001 GeoMAC Fire Perimeter Data Elements standards.

Distribution_Information:

Distributor:

Contact_Information:

Contact_Organization_Primary:

Contact_Organization: USDOJ - BLM - Nevada State Office - Geographic Sciences Division

Contact_Position: GIS Coordinator

Contact_Voice_Telephone: 775-861-6400

Contact_Facsimile_Telephone: 775-861-6634

Contact_Electronic_Mail_Address: mobrien@nv.blm.gov

Hours_of_Service: 7:30 am - 4:30 pm

Resource_Description: Downloadable Data

Distribution_Liability: The Bureau of Land Management (BLM) provides these geographic data "as is." BLM makes no guarantee or warranty concerning the accuracy of information contained in the geographic data. BLM further makes no warranties, either expressed or implied, as to any other matter whatsoever, including, without limitation, the condition of the product, or its fitness for any particular purpose. The burden for determining fitness for use lies entirely with the user. Although these data have been processed successfully on computers of BLM, no warranty, expressed or implied, is made by BLM regarding the use of these data on any other system, nor does the fact of distribution constitute or imply any such warranty.

Standard_Order_Process:

Digital_Form:

Digital_Transfer_Information:

Format_Name: personal geodatabase

Format_Version_Number: ArcGIS 9.1

Transfer_Size: 0.449

Fees: n/a

Technical_Prerequisites: User of data must have ArcGIS version 9.1 software suite to access personal geodatabases.

Available_Time_Period:

Time_Period_Information:

Single_Date/Time:

Calendar_Date: 200600531

Metadata_Reference_Information:

Metadata_Date: 20060531

Metadata_Contact:

Contact_Information:

Contact_Person_Primary:

Contact_Person: Steven B. Moore

Contact_Organization: USDOJ - BLM - Nevada State Office

Contact_Position: Fire GIS Specialist

Contact_Address:

Address_Type: mailing address

Address: P.O. Box 12000

City: Reno

State_or_Province: NV

Postal_Code: 89520-0006

Country: U.S.A.

Contact_Voice_Telephone: 775-861-6577

Contact_Facsimile_Telephone: 775-861-6634

Contact_Electronic_Mail_Address: steven_moore@nv.blm.gov

Hours_of_Service: 7:30 - 5:00 pm

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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