

Identification_Information:

Citation:

Citation_Information:

Originator: USDOJ - BLM - Nevada State Office - Mapping Sciences

Publication_Date: 20050324

Publication_Time: 14:00

Title: Nevada Fires 2004

Geospatial_Data_Presentation_Form: vector digital data

Description:

Abstract: This dataset is a summary of the 2004 fire season. The attribute data includes the Unit ID, Fire number and Year of each fire polygon as well as the BLM and GEOMAC national standard attributes. There are gaps in the data 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 coverage is as complete as possible due to data availability.

Time_Period_of_Content:

Time_Period_Information:

Range_of_Dates/Times:

Beginning_Date: 20040101

Beginning_Time: unknown

Ending_Date: 20041231

Ending_Time: unknown

Currentness_Reference: publication date

Status:

Progress: Complete

Maintenance_and_Update_Frequency: As needed

Spatial_Domain:

Bounding_Coordinates:

West_Bounding_Coordinate: -120.182357

East_Bounding_Coordinate: -113.814251

North_Bounding_Coordinate: 41.885391

South_Bounding_Coordinate: 35.480656

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: 2004

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

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: 775-861-6411

Contact_Electronic_Mail_Address: mobrien@nv.blm.gov

Hours_of_Service: 7:30-4:30pm

Data_Set_Credit: Original polygons gathered by NV BLM field office staff, CA 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 2000 Version 5.1 (Build 2600) Service Pack 1; ESRI ArcCatalog 8.3.0.800

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 2004. 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: 20040101

Beginning_Time: unknown

Ending_Date: 20041231

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 2004 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 "Addititems" and "Pullititems" commands so attributes would conform to National BLM and GeoMAC fire perimeter database standards.

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.

Process_Date: 20040414

Process_Contact:

Contact_Information:

Contact_Person_Primary:

Contact_Person: Steven Moore

Contact_Organization: USDO - 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: 775-861-6411

Contact_Electronic_Mail_Address: steven_moore@nv.blm.gov

Hours_of_Service: 7:30-5:30 pm

Spatial_Data_Organization_Information:

Direct_Spatial_Reference_Method: Vector

Point_and_Vector_Object_Information:

SDTS_Terms_Description:

SDTS_Point_and_Vector_Object_Type: Complete chain

Point_and_Vector_Object_Count: 141

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: 37

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: 37

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:
Planar:
Grid_Coordinate_System:
Grid_Coordinate_System_Name: Universal Transverse Mercator
Universal_Transverse_Mercator:
UTM_Zone_Number: 11
Transverse_Mercator:
Scale_Factor_at_Central_Meridian: 0.999600
Longitude_of_Central_Meridian: -117.000000
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: 0.004114
Ordinate_Resolution: 0.004114
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_Datum_Name: National Geodetic Vertical Datum of 1929
Altitude_Distance_Units: meters
Entity_and_Attribute_Information:
Detailed_Description:
Entity_Type:
Entity_Type_Label: nv2004fires.pat
Entity_Type_Definition: ArcInfo attribute table
Entity_Type_Definition_Source: Software generated
Attribute:
Attribute_Label: FID
Attribute_Definition: Internal feature number.
Attribute_Definition_Source: ESRI
Attribute_Domain_Values:
Unrepresentable_Domain: Sequential unique whole numbers that are automatically generated.
Beginning_Date_of_Attribute_Values: 20020401
Ending_Date_of_Attribute_Values: 20020930
Attribute:
Attribute_Label: Shape

Attribute_Definition: Feature geometry.
Attribute_Definition_Source: ESRI
Attribute_Domain_Values:
 Unrepresentable_Domain: Coordinates defining the features.

Attribute:
Attribute_Label: 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: PERIMETER
Attribute_Definition: Perimeter of feature in internal units.
Attribute_Definition_Source: ESRI
Attribute_Domain_Values:
 Unrepresentable_Domain: Positive real numbers that are automatically generated.

Attribute:
Attribute_Label: NV2004FIRES#
Attribute_Definition: Internal feature number.
Attribute_Definition_Source: ESRI
Attribute_Domain_Values:
 Unrepresentable_Domain: Sequential unique whole numbers that are automatically generated.

Attribute:
Attribute_Label: NV2004FIRES-ID
Attribute_Definition: User-defined feature number.
Attribute_Definition_Source: ESRI
Attribute_Domain_Values:
 Unrepresentable_Domain: Whole numbers that are automatically generated.

Attribute:
Attribute_Label: UNIT_ID
Attribute_Definition: Two letter state code followed by the three letter local office code
Attribute_Definition_Source: Information Bulletin No. OF&A 98-030
Attribute_Domain_Values:
 Unrepresentable_Domain: Two letter state code followed by the three letter local office code

Attribute:
Attribute_Label: FIRE_NUMBER
Attribute_Definition: Fire-Number entered from the DI-1202
Attribute_Definition_Source: Information Bulletin No. OF&A 98-030
Attribute_Domain_Values:
 Unrepresentable_Domain: BLM field office unit numbers.

Attribute:
Attribute_Label: YEAR
Attribute_Definition: Year of fire incident occurrence
Attribute_Definition_Source: Information Bulletin No. OF&A 98-030
Attribute_Domain_Values:
 Unrepresentable_Domain: Dispatch assigned fire names

Attribute:
Attribute_Label: ACRES
Attribute_Definition: Acres within fire perimeter
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

Detailed_Description:

Entity_Type:
Entity_Type_Label: nv2004fires.patfires01_10
Entity_Type_Definition: ArcInfo attribute table
Entity_Type_Definition_Source: software generated

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

Attribute:
Attribute_Label: Shape
Attribute_Definition: Feature geometry.
Attribute_Definition_Source: ESRI
Attribute_Domain_Values:
Unrepresentable_Domain: Coordinates defining the features.

Attribute:
Attribute_Label: 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: PERIMETER
Attribute_Definition: Perimeter of feature in internal units.
Attribute_Definition_Source: ESRI
Attribute_Domain_Values:
Unrepresentable_Domain: Positive real numbers that are automatically generated.

Attribute:
Attribute_Label: FIRES01_10#
Attribute_Definition: Internal feature number.
Attribute_Definition_Source: ESRI
Attribute_Domain_Values:
Unrepresentable_Domain: Sequential unique whole numbers that are automatically generated.

Attribute:
Attribute_Label: FIRES01_10-ID
Attribute_Definition: User-defined feature number.
Attribute_Definition_Source: ESRI

Attribute:
Attribute_Label: UNIT_ID
Attribute_Definition: Two letter state code followed by the three letter local office code
Attribute_Definition_Source: Information Bulletin No. OF&A 98-030

Attribute:
Attribute_Label: FIRE_NUMBER
Attribute_Definition: Fire-Number entered from the DI-1202
Attribute_Definition_Source: Information Bulletin No. OF&A 98-030

Attribute:
Attribute_Label: YEAR

Attribute_Definition: Year of fire incident occurrence
Attribute_Definition_Source: Information Bulletin No. OF&A 98-030
Attribute:
Attribute_Label: ACRES
Attribute_Definition: Acres within fire perimeter
Attribute_Definition_Source: Information Bulletin No. OF&A 98-030
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: USDO I - BLM - Nevada State Office
Contact_Position: GIS Coordinator
Contact_Voice_Telephone: 775-861-6400
Contact_Facsimile_Telephone: 775-861-6411
Contact_Electronic_Mail_Address: mobrien@nv.blm.gov
Hours_of_Service: 7:30 - 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: ArcInfo coverage export file " ".e00
Transfer_Size: 0.554
Fees: n/a
Technical_Prerequisites: User of data must have ArcInfo, ArcView or any other GIS that will read an ArcInfo export (*.e00) file.
Available_Time_Period:
Time_Period_Information:
Single_Date/Time:
Calendar_Date: 20050414
Metadata_Reference_Information:
Metadata_Date: 20070212
Metadata_Contact:
Contact_Information:
Contact_Person_Primary:
Contact_Person: Steven B. Moore
Contact_Organization: USDO I - 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: 775-861-6411
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: Although this data is made available by the BLM 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.

Metadata_Use_Constraints: Reference and acknowledge the Bureau of Land Management in products derived from this data.

Metadata_Security_Information:

Metadata_Security_Classification: Unclassified

Metadata_Extensions:

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

Profile_Name: ESRI Metadata Profile