

Identification\_Information:

Citation:

Citation\_Information:

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

Publication\_Date: 20050324

Publication\_Time: 14:00

Title: Nevada Fires 2003 (Polygon)

Geospatial\_Data\_Presentation\_Form: vector digital data

Description:

Abstract: This dataset is a summary of the 2003 fire season. The attribute data includes the Unit ID, Fire number and Year of each fire polygon as well as the BLM 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: 20030101

Beginning\_Time: unknown

Ending\_Date: 20031231

Ending\_Time: unknown

Currentness\_Reference: publication date

Status:

Progress: Complete

Maintenance\_and\_Update\_Frequency: None planned

Spatial\_Domain:

Bounding\_Coordinates:

West\_Bounding\_Coordinate: -120.249246

East\_Bounding\_Coordinate: -114.167744

North\_Bounding\_Coordinate: 41.999809

South\_Bounding\_Coordinate: 37.087928

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: 2003

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, Sheldon Hart Mt. NWR staff, 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 1; ESRI ArcCatalog 9.0.0.535

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 2003. 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: 20030101

Beginning\_Time: unknown

Ending\_Date: 20031231

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 years 2003 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. However, this had to be assumed for some of the less complete files since this information was not provided.

Process\_Date: 20030305

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: 145

SDTS\_Terms\_Description:

SDTS\_Point\_and\_Vector\_Object\_Type: Label point

Point\_and\_Vector\_Object\_Count: 53

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: 4

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:  
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: 0.000271  
Ordinate\_Resolution: 0.000271  
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: nvfire03.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: NVFIRE03#  
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: NVFIRE03-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: FIRE\_NUMBER  
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: UNIT\_ID  
Attribute\_Definition: User-defined feature number.  
Attribute\_Definition\_Source: ESRI  
Attribute\_Domain\_Values:  
    Unrepresentable\_Domain: BLM field office unit numbers.

Attribute:  
Attribute\_Label: FIRE\_NAME  
Attribute\_Definition: Dispatch assigned fire name based on nearby geographic features  
Attribute\_Domain\_Values:  
    Unrepresentable\_Domain: Dispatch assigned fire names

Attribute:  
Attribute\_Label: LATITUDE  
Attribute\_Domain\_Values:  
    Range\_Domain:  
        Range\_Domain\_Minimum: 0  
        Range\_Domain\_Maximum: 90

Attribute\_Units\_of\_Measure: degrees  
Attribute:  
Attribute\_Label: LONGITUDE  
Attribute\_Domain\_Values:  
Range\_Domain:  
Range\_Domain\_Minimum: 0  
Range\_Domain\_Maximum: -180  
Attribute\_Units\_of\_Measure: degrees  
Attribute:  
Attribute\_Label: DATE\_MAPPED  
Attribute\_Domain\_Values:  
Unrepresentable\_Domain: Date Fire perimeter was mapped.  
Attribute:  
Attribute\_Label: MAPPING\_CODE  
Attribute\_Definition: Numeric codes from 1-6 for method of data collection  
Attribute\_Domain\_Values:  
Codeset\_Domain:  
Codeset\_Name: 1  
Codeset\_Source: GPS by walking the perimeter of the fire  
Attribute\_Domain\_Values:  
Codeset\_Domain:  
Codeset\_Name: 2  
Codeset\_Source: GPS by driving the perimeter of the fire  
Attribute\_Domain\_Values:  
Codeset\_Domain:  
Codeset\_Name: 3  
Codeset\_Source: GPS by driving and walking the perimeter of the fire  
Attribute\_Domain\_Values:  
Codeset\_Domain:  
Codeset\_Name: 4  
Codeset\_Source: GPS by helicopter  
Attribute\_Domain\_Values:  
Codeset\_Domain:  
Codeset\_Name: 5  
Codeset\_Source: On-screen digitizing in ArcView or Arc/Info using a  
1:24,000 DRG (a 7.5 minute USGS)  
Attribute\_Domain\_Values:  
Codeset\_Domain:  
Codeset\_Name: 6  
Codeset\_Source: Other method (specify in comments field)  
Attribute:  
Attribute\_Label: GPS\_UNIT\_TYPE  
Attribute\_Definition: Type of GPS receiver used for data collection  
Attribute\_Domain\_Values:  
Unrepresentable\_Domain: Type of GPS receiver used for data collection  
Attribute:  
Attribute\_Label: PERCENT\_BURN  
Attribute\_Definition: Percent of surface within fire perimeter burned  
Attribute\_Domain\_Values:  
Unrepresentable\_Domain: Percent of surface within fire perimeter burned  
Attribute:  
Attribute\_Label: MAPPED\_ACRES  
Attribute\_Definition: Software calculated acreage of fire area  
Attribute\_Domain\_Values:  
Unrepresentable\_Domain: Software calculated acreage of fire area  
Attribute:  
Attribute\_Label: COMMENTS

Attribute\_Definition: Brief pertinent comments about the fire or data  
Attribute:  
Attribute\_Label: EVENT\_NUM  
Attribute\_Definition: Unit ID plus fire number  
Attribute\_Domain\_Values:  
Unrepresentable\_Domain: Unit ID plus fire number  
Attribute:  
Attribute\_Label: EVENT\_NAME  
Attribute\_Definition: Dispatch assigned fire name based on nearby  
geographic features  
Attribute\_Domain\_Values:  
Unrepresentable\_Domain: Dispatch assigned fire names  
Attribute:  
Attribute\_Label: EVENT\_TYPE  
Attribute\_Definition: Categorical description of incident type  
Attribute\_Domain\_Values:  
Unrepresentable\_Domain: Categorical description of incident type  
Attribute:  
Attribute\_Label: C\_DATE  
Attribute\_Definition: Date of data collection  
Attribute\_Domain\_Values:  
Unrepresentable\_Domain: Date of data collection  
Attribute:  
Attribute\_Label: C\_TIME  
Attribute\_Definition: Time of data collection  
Attribute\_Domain\_Values:  
Unrepresentable\_Domain: Time of data collection  
Attribute:  
Attribute\_Label: C\_METHOD  
Attribute\_Definition: Method of data collection similar to "Mapping Code"  
attribute  
Attribute\_Domain\_Values:  
Unrepresentable\_Domain: Method of data collection  
Attribute:  
Attribute\_Label: POC\_NAME  
Attribute\_Definition: Point of contact name  
Attribute\_Domain\_Values:  
Unrepresentable\_Domain: Point of contact name  
Attribute:  
Attribute\_Label: POC\_EMAIL  
Attribute\_Definition: Point of contact email address  
Attribute\_Domain\_Values:  
Unrepresentable\_Domain: Point of contact email address  
Attribute:  
Attribute\_Label: POC\_OPHONE  
Attribute\_Definition: Point of contact office telephone number  
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\_Domain\_Values:  
Unrepresentable\_Domain: Point of contact cellular telephone number  
Attribute:  
Attribute\_Label: POC\_EPHONE  
Attribute\_Definition: Point of contact event telephone number  
Attribute\_Domain\_Values:

Unrepresentable\_Domain: Point of contact event telephone number

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

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: 0.265

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: 20050324

Metadata\_Reference\_Information:

Metadata\_Date: 20050427

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: 775-861-6411  
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: 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