Fire Sciences Laboratory, Rocky Mountain Research Station

Metadata for Potential Fire Characteristics, 1989-1996

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Identification_Information:

```
  Citation
    Citation_Information
      Originator:        Fire Sciences Laboratory, Rocky Mountain Research
Station
      Publication_Date:  19991101
      Title:             Potential Fire Characteristics, 1989-1996
      Geospatial_Data_Presentation_Form:  map
      Publication_Information
        Publication_Place:  Missoula, Montana
        Publisher:          Fire Sciences Laboratory, Rocky Mountain Research
Station
  Description
    Abstract:
        The maximum annual number of days where potential flame
        lengths exceeded 8 ft were calculated for 4th code HUCs.
        Potential flame lengths were derived from 180 days of
        National Fire Danger Rating System burning index (BI) data,
        April through September, for each of eight years, 1989-1996.
    Purpose:
  Time_Period_of_Content
    Time_Period_Information
      Range_of_Dates/Times
        Beginning_Date:  19890401
        Ending_Date:     19960930
    Currentness_Reference:  Publication Date
  Status
    Progress:  Complete
    Maintenance_and_Update_Frequency:  Unknown
```

Spatial_Domain
Bounding_Coordinates
West_Bounding_Coordinate: **-119.893379**
East_Bounding_Coordinate: **-63.5007553**
North_Bounding_Coordinate: **47.1439629**
South_Bounding_Coordinate: **22.7180576**
Data_Set_G-Polygon
Data_Set_G-Polygon_Outer_G-Ring
G-Ring_Latitude: **49.1891**
G-Ring_Longitude: **-130.1206**
G-Ring_Latitude: **22.235**
G-Ring_Longitude: **-120.3672**
G-Ring_Latitude: **20.6344**
G-Ring_Longitude: **-73.3555**
G-Ring_Latitude: **46.8031**
G-Ring_Longitude: **-61.5364**
G-Ring_Latitude: **49.3212**
G-Ring_Longitude: **-130.2067**
G-Ring_Latitude: **49.1891**
G-Ring_Longitude: **-130.1206**
Keywords
Theme
Theme_Keyword_Thesaurus: **None**
Theme_Keyword: **burning index**
Theme_Keyword: **National Fire Danger Rating System**
Theme_Keyword: **NFDRS**
Theme_Keyword: **Hydrologic Unit Code**
Theme_Keyword: **HUC**
Theme_Keyword: **flame length**
Place
Place_Keyword_Thesaurus: **None**
Place_Keyword: **United States**
Access_Constraints:
None
Use_Constraints:
Point_of_Contact
Contact_Information
Contact_Organization_Primary
Contact_Organization: **Fire Sciences Laboratory, Rocky Mountain Research Station**
Contact_Person: **Fire Effects Project**
Contact_Position:
Contact_Address
Address_Type: mailing and physical address
Address: **5775 Hwy 10 West**
City: **Missoula**
State_or_Province: **MT**
Postal_Code: **59802**
Country: **USA**
Contact_Voice_Telephone: **(406) 329-4800**
Contact_Facsimile_Telephone: **(406) 329-4877**
Contact_Electronic_Mail_Address: **cjohnston@fs.fed.us**
Hours_of_Service: **Monday-Friday, 8-5, Mountain Time**
Native_Data_Set_Environment:
Arc/Info version 7.2.1
Pathname = /fsfiles/unit/fe/feproj2/fireloc/base/bi_huc

Data_Quality_Information:

```
Attribute_Accuracy
  Attribute_Accuracy_Report:
      unknown
Logical_Consistency_Report:
Completeness_Report:
      Data set is complete
Positional_Accuracy
  Horizontal_Positional_Accuracy
    Horizontal_Positional_Accuracy_Report:
      Approximate horizontal accuracy is 0 meters, assuming
      source data meets National Map Accuracy Standards.
  Vertical_Positional_Accuracy
    Vertical_Positional_Accuracy_Report:
      NONE
Lineage
  Source_Information
    Source_Citation
      Citation_Information
        Originator:  Fire Behavior, Fire Sciences Laboratory
        Publication_Date:  Unknown
        Title:  Potential Fire Characteristics
        Geospatial_Data_Presentation_Form:
        Publication_Information
          Publication_Place:  Missoula, Montana
          Publisher:  Fire Behavior, Fire Sciences Laboratory
    Source_Scale_Denominator:  0
    Type_of_Source_Media:
    Source_Time_Period_of_Content
      Time_Period_Information
        Range_of_Dates/Times
          Beginning_Date:  19890401
          Ending_Date:     19960930
      Source_Currentness_Reference:
    Source_Citation_Abbreviation:
    Source_Contribution:
        Flame lengths were derived from National Fire Danger Rating
        System burning index data
```

Spatial_Data_Organization_Information:

```
Direct_Spatial_Reference_Method:  Raster
Raster_Object_Information
  Raster_Object_Type:  Grid Cell
  Row_Count:     3092
  Column_Count:  4700
```

Spatial_Reference_Information:

```
Horizontal_Coordinate_System_Definition
  Planar
    Map_Projection
      Map_Projection_Name:  Lambert Azimuthal Equal Area
      Lambert_Azimuthal_Equal_Area
        Radius_of_sphere_of_reference: 6370997.00000
        Longitude_of_center_of_projection: -100  0  0.00
        Latitude_of_center_of_projection: 45  0  0.000
        False_Easting:  0.00000
        False_Northing: 0.00000
    Planar_Coordinate_Information
      Planar_Coordinate_Encoding_Method:  row and column
      Coordinate_Representation
        Abscissa_Resolution:  1000
        Ordinate_Resolution:  1000
      Planar_Distance_Units:  meters
  Geodetic_Model
    Horizontal_Datum_Name:  None
    Spheroid:   Defined
    Semi-major_Axis:  6370997
```

Entity_and_Attribute_Information:

```
Detailed_Description
  Entity_Type
    Entity_Type_Label:  BI_HUC.VAT
    Entity_Type_Definition:  Grid Cell Value Attribute Table
    Entity_Type_Definition_Source:  None
  Attribute
    Attribute_Label:  VALUE
    Attribute_Definition:
      HUC grid code
        Grid Code given to HUC
        unique to this grid
    Attribute_Definition_Source:  None
    Attribute_Domain_Values
      Range_Domain
        Range_Domain_Minimum:  1
        Range_Domain_Maximum:  2112
    Beginning_Date_of_Attribute_Values:  19991101
  Attribute
    Attribute_Label:  COUNT
    Attribute_Definition:
      Cell Count
        Cell count, cell size is 1000 m
    Attribute_Definition_Source:  None
    Attribute_Domain_Values
      Range_Domain
        Range_Domain_Minimum:  3
        Range_Domain_Maximum:  22782
```

```
      Beginning_Date_of_Attribute_Values:  19991101
    Attribute
      Attribute_Label:  HUC
      Attribute_Definition:
        Fourth code HUC
          Fourth code Hydrologic Unit Code (HUC)
          number
      Attribute_Definition_Source:  None
      Attribute_Domain_Values
        Range_Domain
          Range_Domain_Minimum:  1010001
          Range_Domain_Maximum:  80090200
      Beginning_Date_of_Attribute_Values:  19991101
    Attribute
      Attribute_Label:  NO_DAYS
      Attribute_Definition:
        Number of Days
          Number of days when potential flame lengths exceeded 8 feet
          for the time period April - September, 1989-1996
      Attribute_Definition_Source:  None
      Attribute_Domain_Values
        Range_Domain
          Range_Domain_Minimum:  0
          Range_Domain_Maximum:  139
      Beginning_Date_of_Attribute_Values:  19991101
    Attribute
      Attribute_Label:  COLORNAMES_SHD
      Attribute_Definition:
        Shadeset code
          Shadeset code for the colornames.shd shadeset, used in
          map display.
      Attribute_Definition_Source:  None
      Attribute_Domain_Values
        Range_Domain
          Range_Domain_Minimum:  26
          Range_Domain_Maximum:  122
      Beginning_Date_of_Attribute_Values:  19991101
```

Distribution_Information:

```
  Distributor
    Contact_Information
      Contact_Organization_Primary
        Contact_Organization:  Fire Sciences Laboratory, Rocky Mountain
Research Station
        Contact_Person:        Fire Effects Project
      Contact_Position:
      Contact_Address
        Address_Type:  mailing and physical address
        Address:            5775 Hwy 10 West
        City:               Missoula
        State_or_Province:  MT
        Postal_Code:        59802
        Country:            USA
```

Contact_Voice_Telephone: **(406) 329-4800**
Contact_Facsimile_Telephone: **(406) 329-4877**
Contact_Electronic_Mail_Address: **cjohnston@fs.fed.us**
Hours_of_Service: **Monday-Friday, 8-5, Mountain Time**
Distribution_Liability:
Users must assume responsibility to determine the usability of this data for their purposes.
Standard_Order_Process
Digital_Form
Digital_Transfer_Information
Format_Name: **Arc/Info Export**
Format_Version_Number: **7.1.2**

Metadata_Reference_Information:

Metadata_Date: **19991103**
Metadata_Review_Date: 20010331
Metadata_Contact
Contact_Information
Contact_Organization_Primary
Contact_Organization: **Fire Sciences Laboratory, Rocky Mountain Research Station**
Contact_Person: **Fire Effects Project**
Contact_Address
Address_Type: mailing and physical address
Address: **5775 Hwy 10 West**
City: **Missoula**
State_or_Province: **Montana**
Postal_Code: **59802**
Country: **USA**
Contact_Voice_Telephone: **(406) 329-4800**
Contact_Facsimile_Telephone: **(406) 329-4877**
Contact_Electronic_Mail_Address: **cjohnston@fs.fed.us**
Hours_of_Service: **Monday-Friday, 8-5, Mountain Time**
Metadata_Standard_Name: **FGDC Content Standards for Digital Geospatial Metadata**
Metadata_Standard_Version: **19940608**

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