

Forest Service

Fire Statistics System (FIRESTAT) User Guide

For the Individual Wildland Fire Report, FS-5100-29



FIRESTAT User Guide Table of Contents

REPORT DIRECTION	7
REPORT PURPOSE	7
REPORT STANDARDS	7
ALL WILDFIRES.	7
SPECIAL CODES.	7
REPORT PROCESS	8
REPORT GUIDANCE	8
STATISTICAL FIRES	8
NONSTATISTICAL FIRES	8
ESCAPED PRESCRIBED FIRES	8
SPECIAL SITUATIONS.....	9
1. Spot Fires.	9
2. Multiple Ignitions.	9
3. Rekindled Fires.	9
4. Fire on Multiple Units.	9
5. Reporting Unit.....	9
6. Adjacent Units.	9
7. Fire Complexes or Merged Fires.	9
REPORT APPLICATION	10
HOME TAB.....	10
SEARCH TAB	11
CREATE/EDIT TAB	14
REPORTS TAB.....	14
1. Fire Status Summary Report.....	14
2. FS-5100-29 Individual Wildland Fire Report	15
3. SO Fire Number Summary Report	15
4. SO Fire Number Unit Report.....	15
5. Wildland Fire Report–Status Report	15
MANAGE LOVS TAB.....	16
MANAGE USER ROLES TAB	16
1. Editor.....	16
2. Report.....	16
3. Manager.....	16
4. Administrator.....	16

REPORT ENTRY 17

NAVIGATION ON THE CREATE/EDIT TAB:.....18

TO ENTER A NEW FS-5100-29 INDIVIDUAL WILDLAND FIRE REPORT:.....20

TO EDIT AN EXISTING FS-5100-29 INDIVIDUAL WILDLAND FIRE REPORT:21

FIELD INSTRUCTIONS: 22

1. Fire Name (Required) 22
2. Local Fire Number (Local Use Only; Optional)..... 22
3. Location (Optional)..... 22
4. Township, Range, Section, Sub-Section, Principal Meridian..... 22
5. Reporting Region-Forest (Required), District (Optional), SO Fire Number & Unique Fire Identifier (Required)..... 22
6. Protecting Agency at Origin (Required)..... 22
7. Ownership Agency at Origin, Ownership Unit ID at Origin, State at Origin, County at Origin (Required)..... 23
8. Fire Management Zone 23
9. Origin (Required) 23
10. Ignition Date/Time 23
11. Discovery Date/Time (Required) 23
12. Detection Method (Required), Discovered By (Optional) 23
13. Statistical/General/ Specific Cause, Class of People (Required) 24
14. Incident Job Code (Required) 24
15. Initial Strategy..... 24
16. Managed for Multiple Objectives (2008 prototype policy test areas only)?..... 24
17. Identified in a Large Fire Complex?, Complex Name..... 24
18. Acres Burned in Wildland Urban Interface (WUI)? 24
19. Wildland Fire Use Converted to Suppression?..... 25
20. Exceeded Initial Response? 25
- 20a. Wildland Fire Situation?..... 25
- 20b. Most Cost Effective (MCE) Selected as the Final Alternative? 25
- 20c. Incident Job Code After Exceeded Initial Response 25
- 20d. Exceeded Initial Response Date/Time (Required if Field 20 is Yes) 25
- 20e. NFDRS Fuel Model at time Exceeded Initial Response (Required if Field 20 is Yes) .. 25
21. Initial Response Date/Time..... 25
22. Response Strategy Attained Date/Time 25
23. Fire Out Date/Time (Required)..... 25
24. Resources Used in Initial Response 26
25. Estimated FS Suppression Cost (\$)..... 26
26. FS Acres (All Forests)..... 26
27. Non-FS Acres Protected by FS..... 26
28. Non-FS Acres Not Protected by FS 26
29. Total Acres Burned (auto-populated) 26
30. Fire Class Size (auto-populated) 26
- 30a. Acres Burned as Wildland Fire Use..... 26
- 30b. Acres Burned after Conversion from WFU to Suppression..... 26

30c. Acres Burned in WUI (Required if Field 18 is Yes)..... 26

31. FMZ NVC per Acre (\$)..... 26

32. Fire Intensity Level (Required)..... 26

33. Representative Weather Station (Required) 27

34. NFDRS Fuel Model (Required) 27

35. Cover Class (Required)..... 27

36. Slope Percentage (Required) 27

37. Aspect (Required)..... 27

38. Elevation (Required)..... 27

39. Special Codes (Required for fires in Wilderness) 27

40. Residences Destroyed..... 28

41. Other Structures Destroyed..... 28

42. Remarks 28

43. Prepared By 28

44. Prepared Date 28

45. Approved By 28

46. Approved Date..... 28

47. Supplement for Fire Acres Burned (Required for Class C & above)..... 28

FIRESTAT HELP:.....32

FIRESTAT CHANGES:32

APPENDIX A. FIRESTAT NOMENCLATURE..... 33

APPLICATION HEADER.....33

BUTTONS.....33

FIELDS.....33

INDICATORS.....33

LOG BOX33

LIST OF VALUES (LOVS).....33

RECORD LIST.....33

RECORD LIST HEADER.....33

REPORT CRITERIA SCREEN33

FIRE REPORT HEADER.....33

FIRE REPORT SYNOPSIS33

SECTIONS33

TABS33

APPENDIX B. LIST OF VALUES (LOVS)..... 34

FIELD 5. REPORTING REGION-Forest (NOTIFY NATIONAL FIRE PLANNER & FIREFAMILYPLUS BUSINESS LEAD OF ANY CHANGES)34

Region 1.....	34
Region 2.....	34
Region 3.....	34
Region 4.....	34
Region 5.....	34
Region 6.....	34
Region 5.....	35
Region 6.....	35
Region 8.....	35
Region 9.....	35
Region 10.....	35
National.....	35
Historical (for entry/edit of prior year reports)	35
FIELD 6. PROTECTING AGENCY AT ORIGIN AND FIELD 7. OWNERSHIP AGENCY AT ORIGIN.....	36
FIELD 7. OWNERSHIP UNIT ID AT ORIGIN	36
FIELD 7. STATE AT ORIGIN.....	37
FIELD 7. COUNTY AT ORIGIN	37
FIELD 12. DETECTION METHOD.....	60
FIELD 13. STATISTICAL/GENERAL/SPECIFIC CAUSES AND CLASS OF PEOPLE	61
FIELD 15. INITIAL STRATEGY	61
FIELD 20C. AND 34. NFDRS FUEL MODEL	62
FIELD 24. RESOURCES USED IN INITIAL RESPONSE	62
FIELD 30. FIRE SIZE CLASS.....	62
FIELD 32. FIRE INTENSITY LEVEL.....	63
FIELD 33. REPRESENTATIVE WEATHER STATION.....	63
FIELD 35. COVER CLASS.....	63
Region 1.....	63
Region 2.....	64
Region 3.....	65
Region 4.....	65
Region 5.....	66
Region 6.....	67
Region 8.....	67
Region 9.....	68
Region 10.....	68
FIELD 37. ASPECT.....	68
FIELD 39. SPECIAL CODES (SEE APP. B FOR LISTS OF VALUES FOR PW, WA, & WL)..	69
FIELD 47. PROTECTION AGENCY AND LAND OWNERSHIP.....	69

APPENDIX C. FIELD 39. SPECIAL CODES – LIST OF VALUES..... 72

POWER EQUIPMENT USED IN WILDERNESS CODE (PW) - LIST OF VALUES.....72

WILDERNESS AIRCRAFT INTRUSION CODE (WA) – LIST OF VALUES.....72

WILDERNESS CODE (WL) – LIST OF VALUES.....73

 Region 1..... 73

 Region 2..... 73

 Region 3..... 75

 Region 4..... 76

 Region 5..... 77

 Region 6..... 79

 Region 8..... 81

 Region 9..... 83

 Region 10..... 84

APPENDIX D. INSTRUCTIONS FOR THE OFFLINE FS-5100-29 ENTRY FORM..... 85

USES OF THE OFFLINE ENTRY FORM.....85

DOWNLOADING AND SAVING THE OFFLINE ENTRY FORM85

COMPLETING AN OFFLINE ENTRY FORM FOR A NEW FIRE REPORT OR UPDATING AN EXISTING FIRE REPORT (FROM A SAVED OFFLINE ENTRY FORM FILE)85

UPLOADING AN OFFLINE ENTRY FORM86

APPENDIX E. BLANK FS-5100-29 INDIVIDUAL WILDLAND FIRE REPORT 87

REPORT DIRECTION

Individual Wildland Fire Report direction is found in FSM 5180.

REPORT PURPOSE

The Individual Wildland Fire Report, Form FS-5100-29, provides timely statistical data and information for both administrative purposes and managers to use in making land and resource management decisions. The report is a record of fire occurrence, related fire behavior conditions, and the suppression actions taken by management. It is a building block for the historical data base from which other reports can be derived and analyses completed. ***Use for future fire and land and resource management analysis underscores the critical importance of complete and accurate fire reports.***

The Fire Statistics System (FIRESTAT) is the U.S. Department of Agriculture (USDA), Forest Service application used to electronically enter information for the Individual Wildland Fire Report (Form FS-5100-29) and store it in the application on the National Fire and Aviation Management Web (FAMWEB) Database, housed at the National Information Technology Center (NITC) in Kansas City, Missouri. FIRESTAT is used to enter, update, and delete the required data on the Individual Wildland Fire Report.

The historical and current year data is stored in the FAMWEB Database.

REPORT STANDARDS

Report standards (FSM5180) dictate the timeframes by which reports should be entered and are as follows:

1. **Within 10 days of the discovery date, initiate the fire report in FIRESTAT and complete to the extent that reporting data is stable.**
2. **Within 10 days after the fire's management strategy is met, enter the acreage and Firecode data.**
3. **Within 10 days of being declared "out," document and complete the report, including approval.**

Complete and accurate data should be entered no later than January 15 of the year after discovery, regardless of whether or not the fire is declared out (see *Field 23. Fire Out Date/Time* in [FIELD INSTRUCTIONS](#) below).

As stated in FSM 5180, District Rangers are responsible for "preparing a complete and accurate report". Accordingly, the Ranger should determine preparer and approver guidelines.

[ALL WILDFIRES.](#) Complete required fields for all wildfires (denoted below and in application). Complete field 47 Supplement for Fire Acres Burned for all Class C and larger fires.

[SPECIAL CODES.](#) Use field 39 to enter specific data required for regional and national management purposes. Regions shall coordinate assignment and use of these codes, and report the code and definitions to national support personnel for inclusion in appropriate data base tables. Data appropriate for reporting in this block include wilderness identification, resource damage, or special projects.

1. National. Identify fires that burn in wilderness areas designated by Congress with the WL special code.
2. Regional. Regions can define special codes to collect information in a standard format. Regionally defined codes shall not duplicate or redefine the nationally defined codes in this Handbook, especially cause codes. Regions that desire to collect information that has a national code shall use the national code.

REPORT PROCESS

The reporting process allows direct electronic data entry at local offices and provides database storage (FAMWEB) so users at all organizational levels can easily retrieve information.

1. District or forest personnel enter data via FIRESTAT, requiring an Editor Role (see [REPORT APPLICATION](#), [MANAGE USER ROLES TAB](#) for explanation of roles).
2. Forest personnel **must check the data, ensuring accuracy and inclusion of all calendar year fires within time standards** (see [REPORT STANDARDS](#)) **and consecutive numbering of reports** (see *Minimum Required Fields to Save Record, 5. SO Fire Number* below), requiring an Editor and/or Reports Role.
3. Regional personnel shall periodically check the data base to determine if any fires have not been reported to the fire occurrence data base, requiring a Reports Role. In addition, a Manager Role must be assigned regionally to grant FIRESTAT Editor and Reports Role requests.
4. The Washington Office, Fire and Aviation Management (FAM) Staff uses the FAMWEB database to produce standard reports, as well as timely responses to queries for both current and historical information, requiring a Reports Role. Additionally, WO FAM Information Technology (IT) Staff provide technical support and manage the application, requiring an Administrator Role.

REPORT GUIDANCE

[STATISTICAL FIRES](#) – Prepare and enter an Individual Wildland Fire Report, FS-5100-29, for each unplanned ignition that:

1. burns on National Forest System lands or;
2. burns other lands for which the Forest Service has protection responsibility or;
3. threatens to spread to lands under Forest Service ownership or protection.

When statistical wildfires involve State or private lands, provide a copy of the fire report to the State Forester; for other Federal lands, send a copy to the appropriate agency. When National Forest System land is protected by another agency, complete an Individual Wildland Fire Report even though the Forest Service was not involved in the suppression action.

[NONSTATISTICAL FIRES](#) - Do not enter an Individual Wildland Fire Report for nonstatistical wildfires into FIRESTAT. (A paper copy, clearly marked "nonstatistical," may be maintained at the local level.) Nonstatistical examples are:

1. Railroad fires confined to the right-of-way that do not endanger Forest Service-protected land and are suppressed entirely by railroad employees.
2. Burning buildings, equipment, sawdust piles, and other nonvegetative fuels that, under prevailing conditions, present no significant threat of igniting Forest Service-protected lands.
3. Wildfires that have gone out naturally prior to discovery, unless they are of sufficient size and intensity to cause reportable natural resource damage.
4. Abandoned campfires that, because of fuel and weather conditions, cannot spread or are confined to improved fireplaces or camp stoves.
5. Wildfires from any cause that are confined to private or other public lands and that do not endanger Forest Service-protected lands.
6. False alarms and suspected wildfires that result in a field check without suppression action.

[ESCAPED PRESCRIBED FIRES](#) - Complete an Individual Wildland Fire Report for any planned ignition prescribed fire that burns out of prescription and is declared a wildfire.

1. For ignition date, enter the date the prescribed fire was ignited.
2. For discovery date, enter the date the prescribed fire escaped prescription.
3. For origin, enter the latitude/longitude where the prescribed fire escaped the prescription area.
4. Report as acres burned only those acres burned after the prescribed fire was declared a wildfire. Acres burned within prescription shall not be included in the total. For example, a 40-acre broadcast burn that escapes control lines and burns 5 additional acres would be reported as a 5-acre wildfire.

5. For consistency, use the following cause coding, Statistical Cause 5 (Debris burning), General Cause 3 (Forest/Range management), Specific Cause 17 (Resource management burning), and Class of People 4 (Public employee), unless a Permittee (code 2) or Contractor (code 3) was conducting the prescribed fire.

SPECIAL SITUATIONS

1. **Spot Fires.** Do not count spot fires from a wildfire as separate fires. Spot fires are considered part of the main fire for reporting purposes.
2. **Multiple Ignitions.** In reporting multiple ignitions, such as a string of incendiary fires or a series of railroad or lightning fires ignited at nearly the same time in the same area, the number of separate reportable fires is the number of separate final control perimeters involved. The number of ignitions within the perimeter can be recorded using Special Code IG (see *Field 39 Special Codes* below). For Field 9 Origin, enter the latitude/longitude for the predominate ignition.
3. **Rekindled Fires.** Consistent with the **REPORT STANDARDS** guidance regarding report timeframes and instructions regarding *Field 23 Fire Out Date/Time*, fire reports are not required to include an Out Date/Time, if the fire is not known to be out. However, if declared out and the fire rekindles, edit the original fire record, updating the Fire Out Date/Time and Acres Burned, adding, as appropriate, *Field 30c Acres Burned in WUI*, *Field 39 Special Codes*, or *Field 47 Supplement for Fire Acres Burned* information, and explaining the situation in *Field 42 Remarks*.
4. **Fire on Multiple Units.** When a fire burns in two or more forests, or into an area where the Forest Service has formally recognized fire protection responsibilities, one National Forest System unit shall assume the role as the reporting unit (see 5. **Reporting Unit** below); adjoining units shall coordinate reporting with the reporting unit. For examples, see *Field 47 Supplement for Fire Acres Burned*.
5. **Reporting Unit.** The reporting unit shall compile and submit one consolidated report for the entire fire. The reporting unit shall gather the information from all affected National Forest System units and other landowners. The report shall include the total fire perimeter acres along with an itemized summary of the acres burned by unit and/or landowner.
The reporting unit is defined by where the fire starts, or by the first National Forest unit affected by the fire. The reporting unit, in priority order, is the:
 - a. National Forest System unit that administers the lands where the fire started.
 - b. National Forest System unit that protects the lands where the fire started.
 - c. First National Forest System unit that protects lands affected or threatened by the fire.
 - d. First National Forest System ground unit that arrives at the scene of a fire threatening National Forest System lands.
6. **Adjacent Units.** Adjacent affected National Forest System units shall provide the necessary information to the reporting unit for inclusion in the consolidated fire report within the reporting time standards (see **REPORT STANDARDS**).
7. **Fire Complexes or Merged Fires.** The objective for reporting fires managed in a complex or that burn together, i.e. merge, is to simplify the workload for users, while representing the acres burned, by providing several possible scenarios for report completion. These scenarios are consistent with the guidelines for reporting multiple ignitions, such as a string of incendiary fires or a series of railroad or lightning fires ignited at nearly the same time in the same area, which dictate that the number of separate reportable fires is the number of separate final control perimeters involved (see **Multiple Ignitions** above).
 - a. Consistent with the guidance for Multiple Ignitions, if fires are managed as a complex, ignited at nearly the same time in the same area, and then burned together, the number of reportable fires is the number of separate perimeters, i.e. if there is only one perimeter, only one report would be completed with the number of ignitions entered as the Value and "IG" entered as the Code in *Field 39 Special Codes*.
 - b. However, for fires are managed as a complex, if two or more fires have been assigned separate P-codes or had separate ICS-209s, and burned together, a separate report should be completed for each fire, even if there is only one perimeter. Completion of separate reports will provide report data to correspond to FIRECODE data.
 - c. If fires are managed as a complex and did not burn together, a separate report should be completed for each fire whether there is one P-code or more.

When completing separate reports for fires that burned together, for the Fire Out Date and Acres Burned, use the date that fires merged and acres burned on the merge date for the fire or fires which were considered to

have been overtaken by another fire, i.e. consumed, in the complex. For this situation, ensure the cumulative separate fire report acres burned do not exceed the total fire complex/merged fire perimeter acres. Include Complex Name in Field 17 (see [REPORT ENTRY](#), [FIELD INSTRUCTIONS](#) below) and explain situation in *Field 42 Remarks*.

REPORT APPLICATION

The FIRESTAT application is accessed from the FAMWEB home page at: <https://fam.nwcg.gov/fam-web/>. A user must have a FAMWEB account, FIRESTAT access, and one or more FIRESTAT roles, to access the application. To request a FAMWEB account, on the home page, click *FAMWEB*, click *New User Accounts*, and complete the “FAMWEB Logon Request”, checking the “FIRESTAT Access” box. To request a FIRESTAT role, contact the regional FIRESTAT Manager by email or phone as listed on this site (Manager list shown in pop-up window after submit request).

The application is organized onto six (6) tabs; the content and function of each is listed below.



Above the tabs, there are 4 items in the Application Header:

1. **FIRESTAT** – application name
2. **Login** - displays FAMWEB user name
3. **Access** - displays FIRESTAT user role with user unit number in parentheses
4. **Login/Logout Button**: After approximately one (1) hour, the application will time-out and, when a save is initiated, **Login**: will display “Not logged in” and **Access**: will display “Edits Pending Not Authenticated” (messages indicating the time-out will also appear in the **Log Box**). To refresh login, click **Login/Logout**, choose *Log on (to portal, or refresh from portal)*, enter User Name and Password in FAMWEB Logon pop-up window (window may not pop-up on top of current screen so may need to open from Taskbar), and click **Log on**. **Login** will then show “user name” and **Access** will show “user role (user unit number)”. Any data entered that would not save because the user had timed out can now be saved.

At the bottom of each tab, there is a **Log Box**. Messages indicating actions taken will display here, as well as in the Fire Report Header if on the [CREATE/EDIT TAB](#). Additionally, messages regarding login status will be listed, i.e. after the application has timed-out and **Save** clicked, it will display “User is not logged in”, “User unauthenticated - must log in”, “Record not saved”. To refresh login, follow instructions above for **Login/Logout**.

HOME TAB. The application opens to this tab (see screen capture above). It contains the following:

1. A Blank FS-5100-29 (PDF) form for printing and field use.
2. An Offline FS-5100-29 entry form for completion of reports when not connected to the internet or for individuals without FIRESTAT access. This form includes all the Lists of Values, can be completed and saved locally, and then uploaded to the application when reconnected to the internet or sent to a FIRESTAT user for upload. See [APPENDIX D](#) for more information.
3. A link to this **FIRESTAT User Guide**.
4. Information regarding contacts for different kinds of Help.
5. General FIRESTAT information and direction (not shown in above screen capture).

[SEARCH TAB](#). This tab provides several methods to search for existing FIRESTAT records. It includes Tabular, Date, and Map search filters, a list of matching records, and a Map interface, displaying fires that have a latitude/longitude entered. After entering one or more search fields, the Record List Header will display “loading” and indicate the number of records matched. Under the number of records matched, it will also list the filter(s) applied. Note: if more than one filter is listed, the Record List will only include records meeting all filters; to sort this list, click on the column name you desire to sort by (Region/Forest, Discovery Date, Fire Name, etc.). For a screen capture, see [REPORT ENTRY, TO EDIT AN EXISTING FS-5100-29 INDIVIDUAL WILDLAND FIRE REPORT](#).

The Tabular search fields are completed by choosing from a List of Values (LOV) or entering text:

1. Status – choices are “Complete”, “Complete With Errors”, “Pending”, or “Any”.
2. Region/Forest – choices are current Region/Forest codes with associated NWCG Unit Identifier or “Any”. Note, historic Region/Forest codes with NWCG Unit Identifiers (IDs; expiration date listed), are located at the bottom of the list.
3. Admin Unit – choices are the same as Region/Forest codes with associated Unit IDs (for units that may have combined; use this search field if unsure which Region/Forest completed report) or “Any”.
4. Name –enter the fire name, starting character, “*” with any character, or leave blank. As start typing, records with matching names will be listed.
5. Number –enter the SO fire number, starting digit, “*” with any digit, or leave blank. As start typing, records with matching numbers will be listed.

The Date search fields are completed by clicking a radio button next to:

1. Any – will list records for all years.
2. Filter by year – will list records for year selected by clicking on the dropdown list.
3. Filter by date range – will list records based on entered Start and End dates. Enter a date, in the format MM/DD/YYYY or choose from a calendar. Dates are chosen from the calendar by using the left and right arrows to scroll sequentially by month/year, or using the down arrow next to month name to choose the month and choosing the year at the bottom (year in larger text is active year), and then clicking on the appropriate day in the calendar.

Tab or click anywhere to initiate a search. Once found, a record can be opened by:

1. Double-clicking the record in the Record List.
2. Clicking the record in the list and then clicking **Open** in the Record List Header.

The record will open on CREATE/EDIT TAB. Note: a user can open any record, however, a user’s role/unit will dictate their access to edit the record. If the user does not have an Editor or Manager role for *Field 5 Reporting Region-Forest* on the report, they can only view the report.

The Map interface on this tab is one of the major application enhancements, providing a method to both search for and verify/correct locations for records. To navigate on the map, there are several map buttons: *Maximize/Restore Full page view* , *Zoom In* , *Zoom Out* , *Zoom full extent of map* , *Map Help* , *Legend*, *Switch Basemap* (12 choices), and *Show*.

The Map search can be used, *for records with a latitude/longitude*, by checking the box labelled "Use zoom extent as search filter". A check in this box will limit the record list to those within an extent box that appears on the current map.

FIRESTAT Login: smiller Access: ADMINISTRATOR(1301) Login/Logout

Home Search Edit Skalkaho(003) Reports Manage LOVs Manage User Roles

Filters: Tabular
 Status: <Any>
 Region/Forest: <Any>
 Admin Unit: <Any>
 Name: <Any>
 Number:

Date Range
 Any
 Filter by year: 2015
 Filter by date range: Start: 1/1/2014 End: 2/11/2015

Map Zoom
 Use zoom extent as search filter

Open 3 records matched
 Year 2015 & Map Extent Filter
 Click on headings to sort records ascending or descending. To open a record, double-click it or click to highlight it & then click Open button.

Region/Forest	Discovery	Number	Fire Name	Acres	Status	Origin	Cause	District
0102	02/01/2015	002	Kleinsmith Gulch		Pending			
0103	02/01/2015	001			Pending			
0103	02/01/2015	003	Skalkaho	14.2	Complete		Equipment Use	03

3 points from 3 search results displayed on map
 Legend Show Switch Basemap

Click on a record in the list or on the map to select it and open a Fire name-number pop-up box, which will display the latitude/longitude (lat/lon) and acreage, allowing the record to be opened or zoomed to.

FIRESTAT Login: smiller Access: ADMINISTRATOR(1301) Login/Logout

Home Search Edit Skalkaho(003) Reports Manage LOVs Manage User Roles

Filters: Tabular
 Status: <Any>
 Region/Forest: <Any>
 Admin Unit: <Any>
 Name: <Any>
 Number:

Date Range
 Any
 Filter by year: 2015
 Filter by date range: Start: 1/1/2014 End: 2/11/2015

Map Zoom
 Use zoom extent as search filter

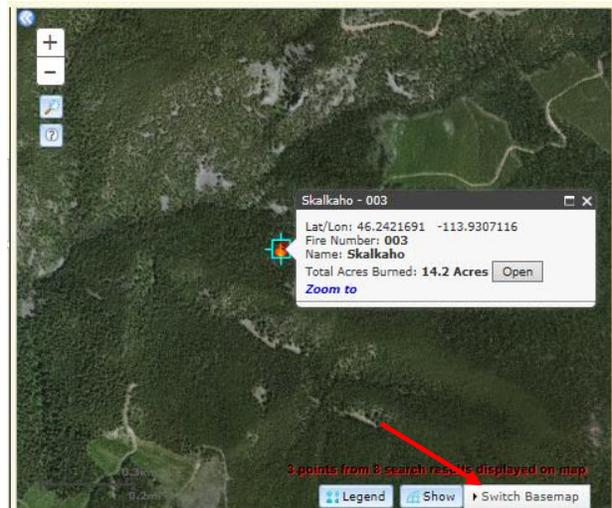
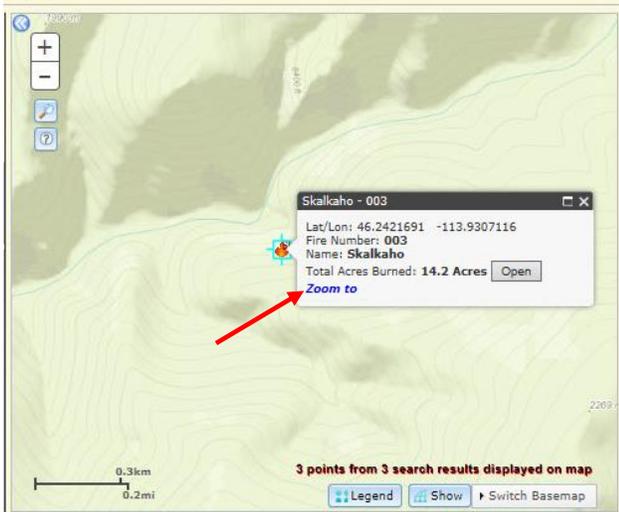
Open 3 records matched
 Year 2015 & Map Extent Filter
 Click on headings to sort records ascending or descending. To open a record, double-click it or click to highlight it & then click Open button.

Region/Forest	Discovery	Number	Fire Name	Acres	Status	Origin	Cause	District
0102	02/01/2015	002	Kleinsmith Gulch		Pending			
0103	02/01/2015	001			Pending			
0103	02/01/2015	003	Skalkaho	14.2	Complete		Equipment Use	03

Skalkaho - 003
 Lat/Lon: 46.2421691 -113.9307116
 Fire Number: 003
 Name: Skalkaho
 Total Acres Burned: 14.2 Acres
 Zoom to

3 points from 3 search results displayed on map
 Legend Show Switch Basemap

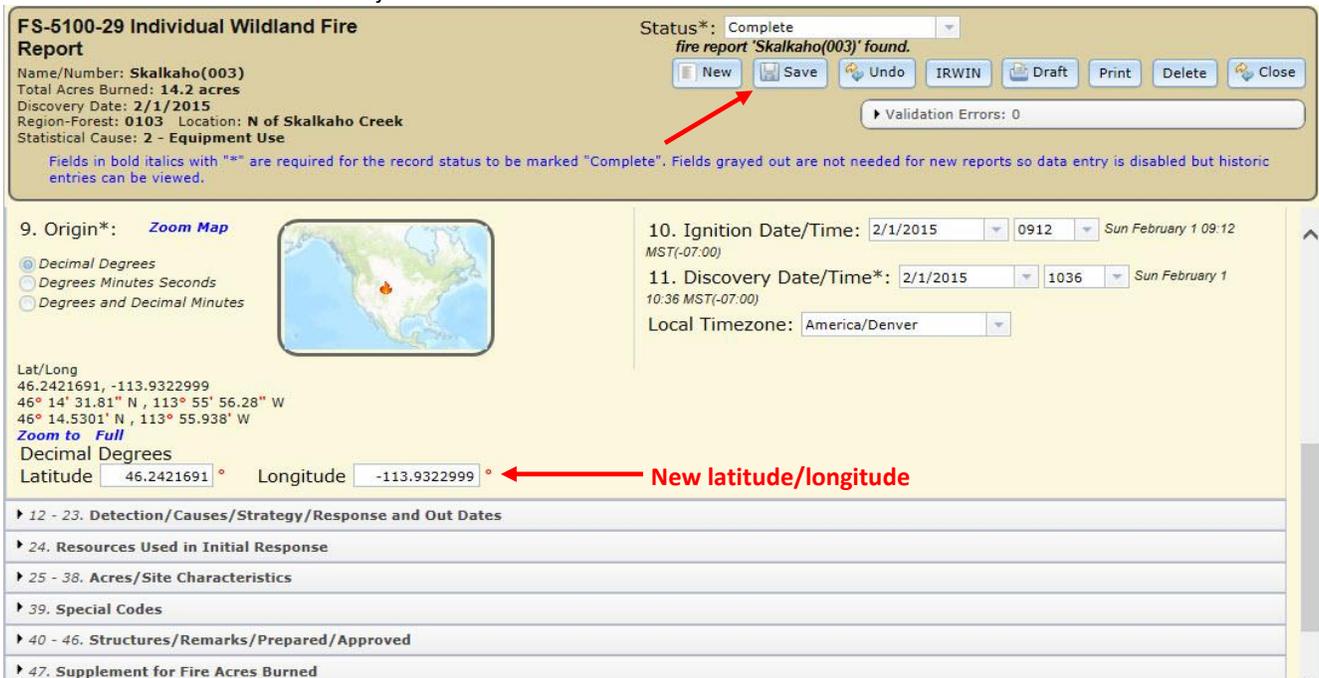
The user can click **Zoom to** to verify the lat/lon and can change the Basemap (click **Switch Basemap**) to assist in verifying the location (Basemap in lower left is *Topographic* (default choice) & in lower right is *Imagery*).



If the lat/lon requires adjustment, click **Open** in the pop-up box to open the record on the [CREATE/EDIT TAB](#). In *Field 9 Origin* of the record, click [Zoom Map](#). The [SEARCH TAB](#) Map will open and then the user can click on the map to where the point of origin needs to be moved and then click [Set Point of origin for current record](#).

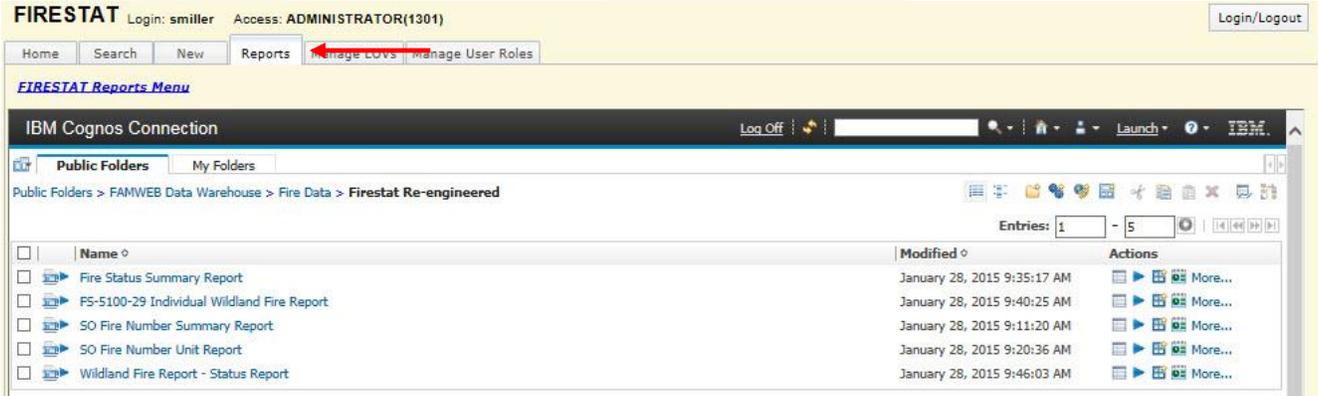


After setting the new point of origin, the record re-opens on the [CREATE/EDIT TAB](#) with the new latitude/longitude inserted. Click **Save** to save the adjusted location.

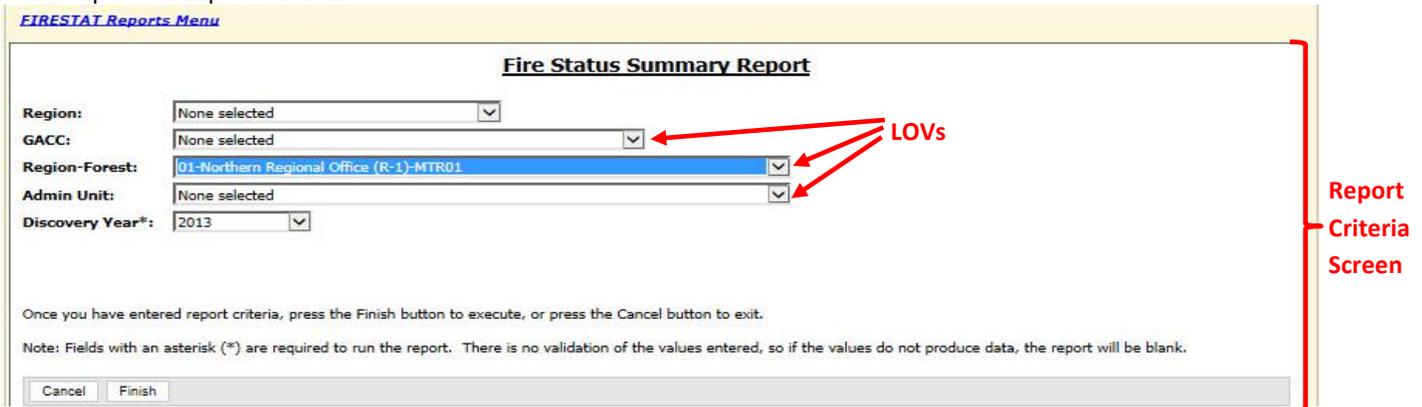


CREATE/EDIT TAB. On this tab, reports are created or edited. To create a new report, open this tab and click **New** to begin (CAUTION: creating a record from the NEW button, does not allow the user to pull in available data from IRWIN). For existing reports, first, open the **SEARCH TAB** to find the report to edit and, after opening the report, the application moves to this tab. For a screen capture and detailed instructions, see **REPORT ENTRY**.

REPORTS TAB. This tab displays a FIRESTAT Reports Menu but it will only be visible for users with the Report, Manager, or Administrator Role (see **MANAGE USER ROLES TAB** for an explanation of roles).



To produce a report, click on the report name. In the Report Criteria screen, enter criteria (criteria with "*" are required), using LOVs or entering text (or numbers). Text fields allow use of the "%" wildcard to search for or one or more records to include in a report. When all criteria are entered, click **Finish**. Note: criteria are different for each report as indicated in the report descriptions below.



The report will display on the screen. To view and/or save a report in PDF or Excel formats, click on the dropdown arrow next to the button to choose a format. Note: the XML, Excel 2007 Data, and CSV formats do not work for these Cognos reports. Print from a viewed or saved PDF or Excel 2002 or 2007 Format file. A description of each report follows:

1. **Fire Status Summary Report** – criteria: Region, GACC (Geographic Area Coordination Center), Region-Forest, Admin. Unit, and Discovery Year*; displays, by Region-Forest, Admin. Unit, and Discovery Year, the number of reports that are Pending, Complete with Errors, Complete, and Total Fires.



2. [FS-5100-29 Individual Wildland Fire Report](#) – criteria: Region, GACC, Region-Forest, Admin. Unit, Discovery Year*, and SO Fire Number; can produce one or more 5100-29 reports, depending on the criteria entered; if Discovery Year is the only entry, will display all 5100-29s for all units nationally; if Region and Discovery Year are entered, will display all 5100-29s for all units regionally; if Region-Forest or Admin. Unit and Discovery Year are entered, will display all 5100-29s for that forest or unit; if Region-Forest or Admin. Unit, SO Fire Number, and Discovery Year are entered, displays one 5100-29.

IBM Cognos Viewer - FS-5100-29 Individual Wildland Fire Report

FS-5100-29 Individual Wildland Fire Report
(Refer to FIRESTAT User Guide)

1. Fire Name SPIRE ROCK		2. Local Fire Number (Local Use Only) 7-1	
3. Location Spire Rock		4. Township 0020N	Range 0060W
5. Region-Forest 0102		District 07	Fire Number 001
6. Protecting Agency at Origin USFS		7. Ownership Agency: Unit ID: 1	8. Fire Mgmt Zone
9. Point of Origin in NAD 83 Latitude 45° 57' 12"		10. Ignition Date/Time 04/20/2013 08:00:00	11. Discovery Date/Time 04/20/2013 11:09:00
12. Detection Method 42 - Visitor in area		Discovered By James Burke	13. Statistical Cause 4
14. Incident Job Code P1HEP2		General Cause 8	Specific Cause 9

Note: fields created in the application after a report was completed are appropriately blank; currently obsolete fields are grayed out but include data entered before field was obsolete.

3. [SO Fire Number Summary Report](#) – criteria: Region, GACC, Region-Forest, Admin. Unit, and range of Discovery Years*; displays by Region-Forest, Admin. Unit, and Discovery Year, the SO Fire Numbers entered; indicates, by SO Fire Number, whether the fire report is Complete, Pending, or Complete with Errors, and lists the Total Number of Completed Reports as compared to the Highest SO Fire Number entered.; if no Region, GACC, Region-Forest, or Admin. Unit entered, lists SO Fire Numbers for all units nationally for specified year(s).

IBM Cognos Viewer - SO Fire Number Summary Report

SO Fire Number Summary Report

Region-Forest: 0108 - Custer National Forest (MTCNF)
Admin Unit: 0108 - Custer National Forest (MTCNF)
Discovery Year: 2013

Year	SO Fire Number for completed report, "P" for pending, "CE" for complete with errors, or "0"(zero) if missing.										
2013	001	002	003	004	005	006	007	008	009	010	
	011	012	013	014	015	016	017	018	019	020	
	021	022	023	024	025	026	027	028	029	030	
	031	032	033	034	0	0	0	0	0	0	34/34

4. [SO Fire Number Unit Report](#) – criteria: Discovery Year*; for all units nationally, displays, by Region and Admin. Unit, the number of reports that are Pending, Complete with Errors, Complete, and the Highest SO Fire Number entered for chosen Discovery Year.

IBM Cognos Viewer - SO Fire Number Unit Report

SO Fire Number Unit Report
Wildfires Reported by Unit

Discovery Year: 2015

01 - Northern Regional Office (R-1)

Unit	Unit Name	Number of Fires - Pending	Number of Fires - C/Errors	Number of Fires - Complete	Highest SO Fire Number
01	Northern Regional Office (R-1)	0	0	0	None Reported
0102	Beaverhead/Deerlodge National Forest	2	0	0	002
0103	Bitterroot National Forest	1	0	0	001
0104	Idaho Panhandle National Forest	2	0	0	002

5. [Wildland Fire Report–Status Report](#) – criteria: Region, GACC, Region-Forest, Admin. Unit, Discovery Year*, SO Fire Number, Status*, Local Fire Number, District, State, Creation Date range, and Last Changed Date range;

by SO Fire Number, displays SO Fire Number, Region-Forest, Admin. Unit, Discovery Year, Fire Name, and Status for all units nationally or an entire Region, GACC, Region-Forest, or Admin Unit for the chosen Discovery Year and Status, unless other criteria are chosen to limit report results.

SO Fire Number	Region-Forest	Admin Unit	Discovery Year	Fire Name	Status
001	0102	0102	2014	Tea Pot	Pending
008	0102	0102	2014	Medicine Lodge	Pending
012	0102	0102	2014	Cream	Pending
017	0102	0102	2014	Coffee Pot	Pending
077	0102	0102	2014	Foothills	Pending
112	0102	0102	2014	Wisconsin Crk. Rd.	Pending

Note: above report was run for one Region-Forest and Discovery Year.

To return to the list of reports, click on [FIRESTAT Reports Menu](#) or Return button .

MANAGE LOVs TAB. This tab allows management of various FIRESTAT Lookup Codes, or List of Values (LOVs) but it will only be visible for users with the Administrator Role. The Lookup Code Types are Cover Class, Detection Method, Initial Strategy, Ownership, and Resource. The codes for each type can be edited or deactivated, or new codes may be created. On the left side of screen, click on the column headings to sort by Description, Begin Date, End Date, or Region.

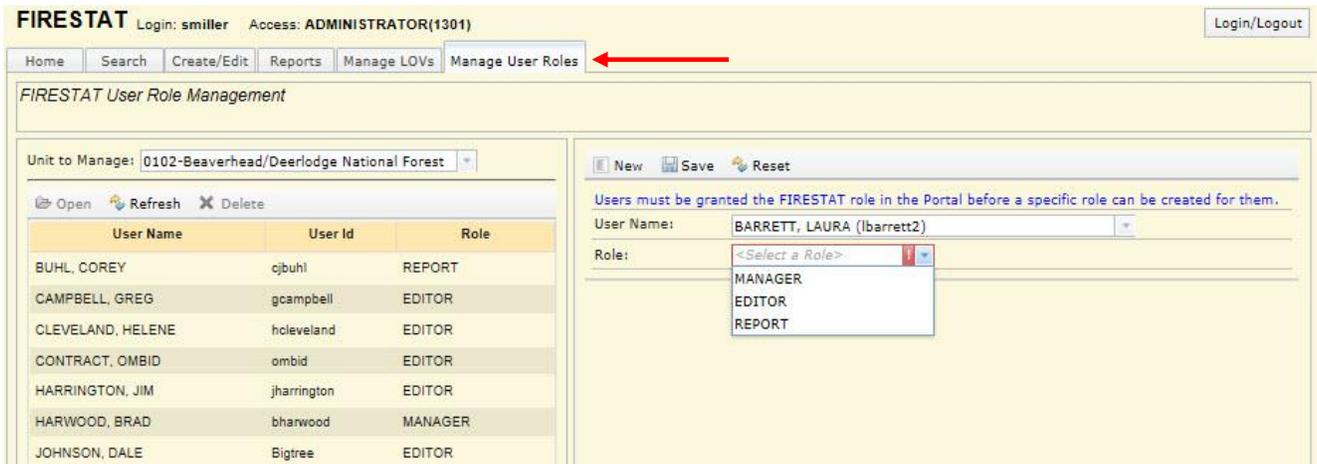
To make LOV changes:

1. Select a *Lookup Code Type* from the drop down list.
2. To edit or deactivate an existing code, select the code in the list that appears on the left side of the screen, after the Type was selected. Click **Open**. The code will appear in the right side of the screen where edits can be made and saved by clicking **Save**. To deactivate, click **Deactivate**. To discard unsaved changes, click **Reset**.
3. To create a new code, enter the *Description*, *Code Name*, and, if applicable, *Abbreviation* and *Region*. Click **Save**. To add another code, click **New** to clear the previous entry.

Note: the fields on the right side of the screen will vary for each Lookup Code Type.

MANAGE USER ROLES TAB. This tab allows management of FIRESTAT roles but it will only be visible for users with the Manager or Administrator Role. On the left side of screen, click on the column headings to sort by User Name, User Id, or Role. FIRESTAT Roles are:

1. **Editor** – allows user to enter and edit fire reports, including editing of historical reports.
2. **Report** – allows user to produce reports (see [REPORTS TAB](#) above) but not enter or edit fire reports.
3. **Manager** – allows user to grant or re-activate the Editor or Report role to other users, or delete a user. Also provides user Editor and Report roles.
4. **Administrator** – allows user to manage LOVs and grant roles to other users. Also provides user Editor, Report, and Manager roles. Note: only WO FAM IT users will have this role.

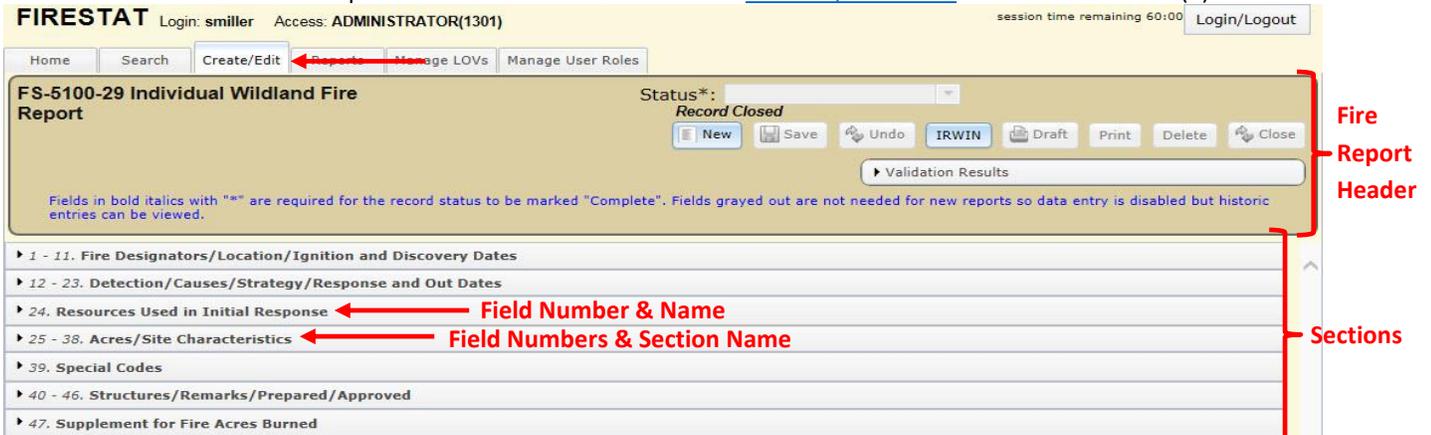


To make User Role changes:

1. Select a *Unit to Manage* from the drop down list.
2. To grant a role, click **New**, choose the user from the *User Name* drop down list (right side of screen), choose the role from the *Role* drop down list, and click **Save**.
3. To change the role of an existing user, choose the displayed *User Name* (left side of screen), click **Open**, and, from the *Role* drop down list, choose the new role, and click **Save**.
4. To delete an existing user, choose the displayed *User Name* and click **Delete**.

REPORT ENTRY

Each Individual Wildland Fire Report is entered into FIRESTAT on the [CREATE/EDIT TAB](#) and contains seven (7) sections.



To begin a new report, click **New** (CAUTION: this will not bring in existing Irwin information for the fire). Click on the arrow next to the Field Number(s) and Section/Field Name to expand the section and display the field(s). Data may be entered as text or numbers or, for some fields, selected from a LOV or calendar. For LOV fields, start typing an entry to narrow down the choices or scroll to value; note, for Field 7 County at Origin, the State must be completed for the LOV to populate and, for Field 35 Cover Class, Field 5 Reporting Region-Forest must be completed. For calendar fields, dates may be entered, in the format, MM/DD/YYYY. Dates may also be chosen from the calendar, using the arrows to scroll to the appropriate month/year and clicking on the appropriate day in the calendar. Times may be entered, in the format HHMM (military time), or the hourly value (0900, 1000, etc.) may be chosen from the LOV and the minutes edited. The Local Timezone should also be chosen from the LOV; otherwise, the timezone will default to the Central timezone.

The screenshot shows the FIRESTAT interface for creating or editing a fire report. At the top, the user is logged in as 'smiller' with administrator access. The report title is 'FS-5100-29 Individual Wildland Fire Report' and its status is 'Pending'. A 'New Record started.' message is visible. The form includes several sections:

- 1 - 11. Fire Designators/Location/Ignition and Discovery Dates:** This section contains fields for fire name, location, reporting region, protecting agency, ownership agency, and ignition/discovery dates. A calendar is open for the 'Discovery Date/Time' field.
- 12 - 23. Detection/Causes/Strategy/Response and Out Dates:** This section is partially visible at the bottom.
- 24. Resources Used in Initial Response:** This section is also partially visible.
- 25 - 38. Acres/Site Characteristics:** This section is partially visible at the bottom.

 Red arrows in the image point to various fields and the calendar, with labels 'Fields', 'LOVs', and 'Calendar'.

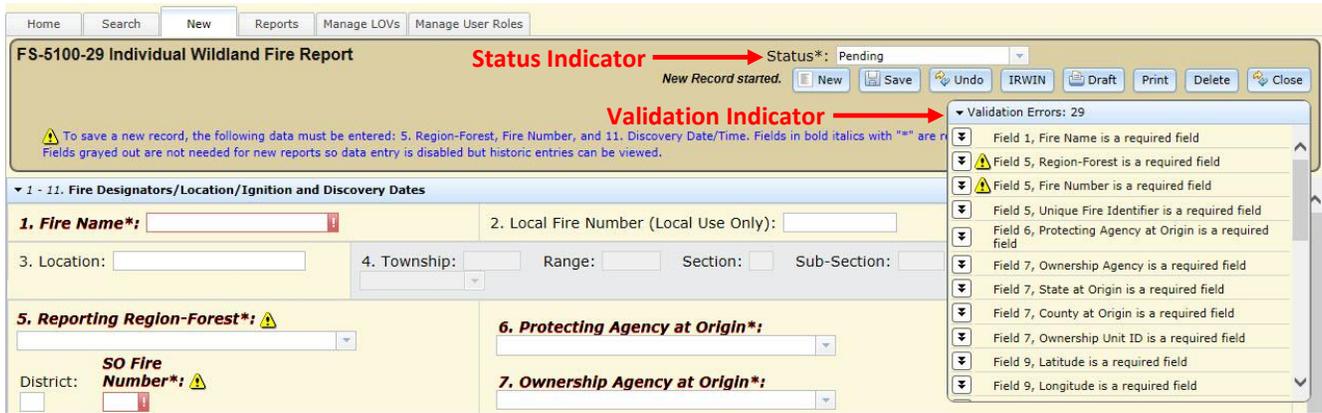
The LOVs for some fields have changed for new reports. Values that are no longer valid are still contained in the LOV at the bottom, with an expiration date. These values cannot be selected for new reports but may be used for prior year reports, if the Discovery is before the expiration date of the value.

NAVIGATION ON THE CREATE/EDIT TAB:

The Fire Report Header includes Buttons, Indicators, and an explanation of how required and obsolete fields are marked. Messages indicating actions taken will also appear here, as well as in the **Log Box** at the bottom of the page. As data is entered in the report, a Fire Report Synopsis will be displayed. Note: throughout this User Guide, button and indicator names and application parts, e.g. **Log Box**, will be shown in **bold italics**.

New Button: Click to begin a new report. Data cannot be entered until this button is clicked and “New Record started.” appears below the **Status** Indicator at the top of the page and in the **Log Box** at the bottom of the page. Once **New** is clicked, the tab label changes to “New” and, as the Fire Name and SO Fire Number are entered, this information is added to the label, e.g. “New Skalkaho(003)”. (CAUTION: this will not bring in existing Irwin information for the fire).

Status and Validation Indicators: When an Individual Wildland Fire Report is first created by clicking **New**, the **Status** is set to “Pending”, indicating that the Fire Report is in process. **Validation** is set to “Errors: 29”, indicating that data has not been entered in the 29 required fields. To save a new record, the 4 fields identified by an ⚠️, as well by the Field Name and number in bold italics with an “*” and 📄 must be completed. After these 4 fields are entered, the **Validation** Indicator changes to “Errors: 25”, indicating there are 25 additional fields required before the **Status** can be marked “Complete”. Each required field is shown on a drop-down list when the black arrow next to **Validation** is clicked. To go directly to any field on the Validation list, click on the double down arrow next to the error listed and the application will open the section the field is in (if it wasn’t already open), and briefly flash the field name.



The 25 remaining required fields are also identified with the Field Name and number in bold italics and an “*” and . Once completed, the Field Name and number are no longer in bold italics and the  disappears.

As required fields are completed, they will also disappear from the **Validation** list. However, if incorrect data, e.g. Field 9. Origin Latitude/Longitude is outside of State at Origin, or inconsistent data, e.g. in Field 13. Statistical Cause, if “1-Lightning” is chosen, then General Cause must be “0-Other”, additional errors will appear on the **Validation** list. Once all required fields have been entered and there is no incorrect or inconsistent data, the **Validation** list will show “Errors: 0”. Note: for some fields, the user must hit the Tab key after entering data before the error will disappear from the **Validation** list.

After data for all other fields has been entered, the user should change the **Status** to “Complete” and click **Save**. If there is still incorrect or inconsistent data, a status of “Complete With Errors” will appear in **Status**. Click the **Validation** arrow to show which fields have errors. As corrections are made in the Report sections and **Save** is clicked, the **Status** is updated. (When updating previous year reports, the new data fields will not be required because the validation algorithms will compare the Discovery Year with the start dates for the new fields.) Once all errors are corrected and **Save** is clicked, the **Status** will be set to “Complete” by the application.

Note: See [FIELD INSTRUCTIONS](#) to determine when data must be entered in *Field 39. Special Codes* and *Field 47. Supplement for Fire Acres Burned*.

Save Button: Click to save the record to the FIRESTAT server. To save a *new* record, at least the four (4) minimum required fields must be entered (see *Minimum Required Fields to Save Record* table below). “fire report ‘name(SO Fire ###)’ saved” will appear below the **Status** Indicator and in the **Log Box** to indicate a successful save (if name has not been entered, only SO Fire Number will appear). If the **Save** button is not active, no data has been entered or edited since the last save, or an entry has been made in the currently active field and moving to the next field will activate **Save**. To avoid losing data, click **Save** before leaving the [CREATE/EDIT TAB](#) (if not clicked, a reminder message will appear). **Note: if an invalid time, i.e. 1278, has been entered in Fields 10, 11, or 21-23, the application will NOT save any edits until a valid time has been entered (“Save not called – Fix  flagged errors before saving.” will display in the Fire Report Header and “ Field xx, ...Time must be a valid time, 00-23 hours, 00-59 minutes” error will appear on Validation List).**

Undo Button: Click to undo all edits since the last time the **Save** button was clicked. “Undo Edits now showing original record” will appear below the **Status** Indicator and in the **Log Box**. If no edits have been made since **Save** was clicked, this button will not be active.

IRWIN Button: Click to search Integrated Reporting of Wildland Fire Information (IRWIN)-connected systems and select the corresponding fire occurrence to partially populate the report from these systems. If the fire occurrence is not listed, it has not been entered into any of the IRWIN systems. If it has and the data is incorrect, correct the data within this report (*this report is the authoritative data system or record, not the other systems*) and coordinate with the Dispatch Office to correct the source data in the Computer Aided Dispatch (CAD) or other system(s) which fed IRWIN. Firestat only reads from IRWIN, but will not write to IRWIN, therefore changes made in FIRESTAT will not be recognized in IRWIN.

CAUTION: there is a potential to create duplicate records, to ensure this does not happen, check the Search tab to verify the record does not currently exist in FIRESTAT. A warning will appear to the left of the NEW button, when you attempt to SAVE a potential duplicate record. To stop creating the duplicate, chose CLOSE below the warning. Existing records may be deleted, if IRWIN contains updated information, and little to no changes have been made in FIRESTAT.

Print Button: Click to print or file a record in PDF format. A record may be printed or filed regardless of the Status, if the Save button has been clicked at least once. It will not print or file if data have been entered but not saved.

Delete Button: Click to delete a fire report from the database. A window will open to confirm the delete. Click **OK** to delete or **Cancel** to return to the report. “fire name (xxx) deleted” will appear below the **Status** Indicator and in the **Log Box**, where xxx = the SO Fire Number.

Close Button: Click to close and clear all information from the page. If there are unsaved edits, a window will open to confirm the close. Click **OK** to lose changes and leave the tab, or **Cancel** to return to save data. “Record Closed” will appear below the **Status** Indicator and in the **Log Box**. This button can be used after entering and saving one report to then start another report without exiting the application. To start another report, click **New**.

TO ENTER A NEW FS-5100-29 INDIVIDUAL WILDLAND FIRE REPORT:

1. Log On to FAMWEB (<https://fam/nwcg.gov/fam-web/>).
2. In FAMWEB, click on **FIRESTAT**.
3. In FIRESTAT, click on the [CREATE/EDIT TAB](#).
4. On [CREATE/EDIT TAB](#), click **New** to begin an Individual Wildland Fire Report (tab label changes to “NEW”) **OR** click **IRWIN** button and, using the Fire Name and/or State filters in the IRWIN Incidents window, choose the fire for entry into the report. Click **Open** button in this window to load:
 - a. Name, Unique Fire Identifier, Ownership State & County, Latitude/Longitude, Discovery Date/Time, Fire Code (Incident Job Code), Fire Out Date/Time, Total Acres Burned, Residences Destroyed, and Other Structures Destroyed, if these fields have been entered in other IRWIN-connected systems. (Before changing the **Status** to “Complete”, verify all loaded data as this report is the authoritative data source. If the **IRWIN** button is clicked again to update or re-create a report, any existing field entries will be overwritten or eliminated, e.g. if cause codes had been entered, they will be deleted.)
 - b. Enter data in the other required fields listed below (5. Reporting Region-Forest & SO Fire Number) and click **Save** to save the new report/record. Continue data entry by clicking in a field, entering data, and moving between fields using the Tab key.
6. If the fire is not in one of the IRWIN-connected systems, enter data and click **Save** to save the new report/record. Continue data entry by clicking in a field, entering data, and moving between fields using the Tab key.
7. Note: to save a new report/record, the following four (4) fields must be entered. An error message “Save not called – Fix  flagged errors before saving.” will display in the Fire Report Header if these fields are not entered before **Save** is clicked.

Minimum Required Fields to Save Record	Description and action to be taken
5. Reporting Region-Forest	Enter a region-forest by selecting the LOV adjacent to the Region-Forest field.
5. SO Fire Number	Enter the Supervisor’s Office (SO) fire number, a number from 001 to 999 (must enter leading zeroes). The SO fire number should be the next available consecutive number. Supervisor’s Office numbers should be consecutive, without gaps, unless there is a significant local need to do otherwise. Gaps in the numbering sequence often cause future questions over whether or not the fire record for a Forest is complete. This information, combined with the year of discovery, give each fire report a unique identity. Note: The fire number is not generated by the system, which greatly increases the likelihood of gaps in consecutive numbering. If a duplicate number is entered, a system error message appears.
11. Discovery Date	Enter the month, day, and year for the date when the fire was discovered in the format MM/DD/YYYY, or select a date from the calendar.
11. Discovery Time	Enter the hour and minutes for the time when the fire was discovered in the format HHMM (military time), or select a time from the LOV.

8. After the Fire Name and/or SO Fire Number are entered, the label on the tab will include the Fire Name and/or SO Fire Number.
9. Before leaving the tab, if data has been entered and **Save** has not been clicked, a pop-up box will notify the user. To lose the changes, click the **OK** button. To return to the record and save changes, click **Cancel** and **Save**.

A new report is now established in the system. **NOTE: A report should be created within 10 days of a fire start. If it is anticipated to be a long duration fire, include as much information as available in the first 10 days.**

TO EDIT AN EXISTING FS-5100-29 INDIVIDUAL WILDLAND FIRE REPORT:

1. In FIRESTAT, click on [SEARCH TAB](#).

The screenshot shows the FIRESTAT search interface. At the top, there are navigation tabs: Home, Search, Reports, Manage LOVs, and Manage User Roles. The Search tab is active, showing a search filter for 'Kleinsmith Gulch (002)'. Below the filters, there is a table of search results. The table has columns: Region/Forest, Discovery, Number, Fire Name, Acres, Status, Origin, Cause, and District. The record for 'Skalkaho' (003) is highlighted in blue. To the right of the table is a map of Montana showing the location of the fire. A pop-up window for the selected record 'Skalkaho' is open, showing details like latitude/longitude, fire number, name, and total acres burned. Red annotations include: 'Column heading' pointing to the table headers, 'Double click to open selected record' pointing to the highlighted row, 'Record List Header' pointing to the table's title area, 'Record List' pointing to the table rows, and 'Record' pointing to the pop-up window. An 'Open' button is highlighted in the pop-up window.

Region/Forest	Discovery	Number	Fire Name	Acres	Status	Origin	Cause	District
0102	02/04/2015	005			Pending	-		
0102	02/01/2015	002	Kleinsmith Gulch		Pending			
0103	02/01/2015	003	Skalkaho	14.2	Pending			03
0103	02/01/2015	001			Pending			
0104	02/02/2015	001			Pending			
0104	02/04/2015	002			Pending			

2. Use Tabular Filters to search by Status, Region/Forest, Admin Unit, Name, and/or Number; and/or Date Filters to search by Year or Date Range; or Map Filter to search by zoom extent.
3. On the list of records matching the search filter, sort the Record List by clicking on column headings (ascending or descending arrow).
4. Select the record to edit. If a record includes a latitude/longitude (will be a flame icon under the Record List Column heading "Origin"), it will display on the map and can be opened by clicking on the **Open** button in the pop-up box on the map, by clicking the **Open** button above the Record List, or by double-clicking the record. The record will open on [CREATE/EDIT TAB](#) and that tab will be labeled "Edit Skalkaho (003)".

See [REPORT APPLICATION](#), [SEARCH TAB](#) for more detail on filter entries. Note: after editing a report and returning to the [SEARCH TAB](#), changes will not be shown on Record List until a filter is changed, refreshing the list.

FIELD INSTRUCTIONS:

To enter data, click in a field and move between fields using the *Tab* key. To remove data from a field, click on the “x” next to the entry. To save data entered in a field, click **Save** (may have to tab to next field to activate **Save** button). To move to a field in another Section, hit *Tab* key (Field Number(s)/Field/Section Name becomes outlined) and then *Enter* key, or click arrow next to Field Number(s)/Field/Section Name to expand the section and then tab to or click in a field. As data is entered in the report, a Fire Report Synopsis will be displayed in the Fire Report Header.

Field	Description and action to be taken
1. Fire Name (Required)	Enter or edit the assigned name of the fire. If the IRWIN button is used, the Fire Name will be loaded. Note: Do not include Dispatch or District number or "fire" as part of the Fire Name. (50-character limit)
2. Local Fire Number (Local Use Only; Optional)	Enter or edit the local number assigned to the fire. Note: This number is for local purposes only. If directed by your unit, enter the District or Dispatch fire number.
3. Location (Optional)	Enter a description of the location. Example: 2 miles south of JC Ranch, east of Buck Road (30-character limit).
4. Township, Range, Section, Sub-Section, Principal Meridian	This field is not needed for current or new reports. However, it may be populated and edited on pre-2014 reports.
5. Reporting Region-Forest (Required), District (Optional), SO Fire Number & Unique Fire Identifier (Required)	Reporting Region-Forest: Select from the LOV the region-forest defined as the reporting unit at the point of origin (see Reporting Unit under SPECIAL SITUATIONS above). If editing this information on a prior year report and the NWCG Identifier associated with the Region-Forest has changed, the expired Region-Forest code will be located at the bottom of the LOV. District: Enter or edit the appropriate number that identifies the ranger district at the point of origin, a number from 01 to 99 (must enter leading zeroes). SO Fire Number: Enter or edit the Supervisor's Office (SO) fire number, a number from 001 to 999 (must enter leading zeroes). The SO fire number should be the next available consecutive number. Note: The fire number is not generated by the system, which greatly increases the likelihood of gaps in consecutive numbering. If a duplicate number is entered, a system error message appears. Unique Fire Identifier: Enter or edit the NWCG Unique Fire Identifier in the format YYYY-SSUUU-xxxxxx, where YYYY=Year, SSUUU=State with NWCG Unit Identifier (3- or 4- alpha-numeric characters), & xxxxxx=6-digit number. The SSUUU represents the Protection Agency at the point of origin. If the IRWIN button is used, the Unique Fire Identifier will be loaded automatically. If the IRWIN button is not used, obtain the Unique Fire Identifier from the Dispatch Office.
6. Protecting Agency at Origin (Required)	Select from the LOV the code that identifies the agency or category of agency that is legally responsible for providing primary protection for the land at the point and time of origin.

<p>7. Ownership Agency at Origin, Ownership Unit ID at Origin, State at Origin, County at Origin (Required)</p>	<p>Ownership Agency at Origin: Select from the LOV the code that identifies the land ownership type at the point of origin.</p> <p>Ownership Unit ID at Origin: Enter or edit the State with NWCG Unit Identifier for the owner at the point of origin in the format SSUUU, where SS=State & UUU=NWCG Unit Identifier (3- or 4-alpha-numeric characters). Note: this list includes Cache, Coordination & Dispatch Center, etc. Unit Identifiers but the <u>agency</u> ID should be entered, e.g. MTFNF-Flathead National Forest, <u>not</u> MTFDC-Flathead Dispatch Center. <i>Begin typing to filter dropdown options!</i></p> <p>State at Origin: Select from the LOV the State or other jurisdiction at the point of origin. If the IRWIN button is used, the State at Origin will be loaded.</p> <p>County at Origin: Select from the LOV the county at the point of origin.</p>
<p>8. Fire Management Zone</p>	<p>This field is not needed for current or new reports. However, it may be populated and edited on pre-2014 reports.</p>
<p>9. Origin (Required)</p>	<p>Enter or edit the latitude and longitude at the point of origin in: degrees, minutes, and seconds; decimal degrees; or degrees and decimal minutes. Report degrees and minutes in whole numbers and seconds to 2 decimals; decimal degrees to 5 decimals (7 decimals allowed); degrees and decimal minutes to 4 decimals (6 allowed), using the NAD 83 datum. Note: if the required number of decimal places aren't entered, the field name will remain in bold italics with the  (a Validation Error will indicate the required decimal places).</p> <p>If the IRWIN button is used, the latitude and longitude will be loaded automatically (verify this latitude/longitude as it may reflect the original, unverified location reported to dispatch). Note: when a report is printed, the Origin will print as degrees, minutes, and seconds, regardless of the entry format.</p> <p>To cross-check latitude/longitude, click Zoom to (will zoom in on the adjacent small map) or Zoom Map (will display on SEARCH TAB large map). On SEARCH TAB map, user can click Zoom to (in Fire name-number pop-up box) and zoom down to approximately 1"=60'. If the lat/long is incorrect, the user can click the correct location in the map interface and then click Set Point of origin for current record (appears in Fire name-number pop-up box) to change the lat/long in the report (see SEARCH TAB for screen captures). Because this fire report is the authoritative data source, ensure this latitude/longitude is correct and provide any corrections to the Dispatch Office for update in the CAD, or other system, and IRWIN.</p>
<p>10. Ignition Date/Time</p>	<p>Enter or edit the month, day, and year for the date when the fire started in the format MM/DD/YYYY, or select a date from the calendar.</p> <p>Enter or edit the hour and minutes for the time when the fire started in the format HHMM (military time), or select a time from the LOV. A valid time is 00-23 hours and 00-59 minutes (midnight is 0000). <i>Note: if an invalid time is entered,  will appear next to field name,  will appear next to time, and the application will not allow entries/edits to be saved.</i></p> <p>If the date and/or time is unknown, enter the best estimate or leave blank. If a date is entered, a valid time must also be entered.</p>
<p>11. Discovery Date/Time (Required) Local Timezone</p>	<p>Enter or edit the month, day, and year for the date when the fire was discovered in the format MM/DD/YYYY, or select a date from the calendar.</p> <p>Enter or edit the hour and minutes for the time when the fire was discovered in the format HHMM (military time), or select a time from the LOV. A valid time is 00-23 hours and 00-59 minutes (midnight is 0000). <i>Note: if an invalid time is entered,  will appear next to field name,  will appear next to time, and the application will not allow entries/edits to be saved.</i> Choose the Local Timezone from the LOV.</p> <p>Date and time of ignition and discovery can be identical. If the IRWIN button is used, the Discovery Date/Time will be loaded automatically.</p>
<p>12. Detection Method (Required), Discovered By (Optional)</p>	<p>Detection Method: Select the detection method from the LOV.</p> <p>Discovered By: Enter or edit the name of the lookout or person who discovered the fire.</p>

<p><i>13. Statistical/General/Specific Cause, Class of People (Required)</i></p>	<p>Identify the statistical, general, and specific cause codes that best describe the actual cause of the fire. If human-caused, also describe the class of people involved.</p> <p>Statistical Cause: Select the code that best describes the actual fire cause from the LOV. Report all fires attributable to railroads or children in those respective categories regardless of the specific fire-starting agent.</p> <p>General Cause: Select the code that further identifies the human activity related to the fire ignition from the LOV. Select 0 (Other) for unknown activities and lightning fires.</p> <p>Specific Cause: Select the code that further identifies the cause of the fire from the LOV. Select 30 (other) for any unknown cause.</p> <p>Class of People: Select the code that identifies the person or group involved with a human-caused fire from the LOV. For lightning fires, enter 0 (not person-caused). For persons whose status cannot be determined, select 8 (other).</p>
<p><i>14. Incident Job Code (Required)</i></p>	<p>Enter or edit the job code (P-code) that the majority of the initial fire costs were charged to as a 6-character value. If the IRWIN button is used, the initial Incident Job Code will be loaded, as a 4-character value, requiring the addition of the "P" and protection agency designator preceding these characters, e.g. A=BIA, D=BLM, 0, 1, 2, 3, 4, 5, 6, 8, 9, =USFS Region (0=R10), N=State or Local, P=NPS, R=FWS. For example, for a fire that started on BLM protection & burned USFS land: PD4AB7.</p> <p>If the fire later exceeded the initial strategy or response (Initial Response is the initial decisions and actions taken in reaction to a reported incident.), enter the Incident Job Code After Exceeded Initial Response in Field 20c. If multiple codes were used over the life of the fire, enter additional codes in Field 39 Special Codes and explain in Field 42 Remarks.</p>
<p><i>15. Initial Strategy</i></p>	<p>Select the strategy from the LOV that represents the Initial Strategy or initial response, based on land or fire management plan objectives, which may or may not involve taking on-the-ground action. Strategies include:</p> <p>Suppression: implies a strategy to "put the fire out" as efficiently and effectively as possible, while providing for firefighter and public safety. To complete a fireline around a fire to halt fire spread, and cool down all hot spots that are immediate threat to control line or outside the perimeter, until the lines can reasonably be expected to hold under foreseeable conditions. Synonymous with "Full Perimeter Containment" and "Control".</p> <p>Point or Zone Protection: involves protecting specific points from the fire while not actively trying to line the entire fire edge.</p> <p>Confine: restricts a wildland fire to a defined area, using a combination of natural and constructed barriers that will stop the spread of the fire under the prevailing and forecasted weather conditions until out. This means, "some action is or has been taken" (line construction, bucket drops, etc.) to suppress portions of the fire perimeter.</p> <p>Monitor: involves systematic process of observing, collecting and recording of fire-related data, particularly with regards to fuels, topography, weather, fire behavior, fire effects, smoke, and fire location. This may be done onsite, from a nearby or distant vantage point in person or using a sensor, or through remote sensing (aircraft or satellite).</p>
<p><i>16. Managed for Multiple Objectives (2008 prototype policy test areas only)?</i></p>	<p>This field is not needed for current or new reports. However, it may be populated and edited on pre-2014 reports.</p>
<p><i>17. Identified in a Large Fire Complex?, Complex Name</i></p>	<p>Choose Yes or No to indicate whether the fire was identified as being within any fire complex at some point during its duration. If yes, enter Complex Name. If managed as part of more than one complex, include name of predominate complex and explain in Field 42. Remarks.</p>
<p><i>18. Acres Burned in Wildland Urban Interface (WUI)?</i></p>	<p>Choose Yes or No to indicate that the fire burned acres within the WUI as based on the accepted regional/unit definition. (Enter number of acres burned, to the nearest one hundredth, in Field 30c.)</p>

<p>19. Wildland Fire Use Converted to Suppression?</p>	<p>This field is not needed for current or new reports. However, it may be populated and edited on pre-2014 reports.</p>
<p>20. Exceeded Initial Response?</p>	<p>Choose Yes or No to indicate whether the fire exceeded the initial response strategy (see 15. Initial Strategy).</p>
<p>20a. Wildland Fire Situation?</p>	<p>This field is not needed for current or new reports. However, it may be populated and edited on pre-2014 reports.</p>
<p>20b. Most Cost Effective (MCE) Selected as the Final Alternative?</p>	<p>This field is not needed for current or new reports. However, it may be populated and edited on pre-2014 reports.</p>
<p>20c. Incident Job Code After Exceeded Initial Response</p>	<p>Enter the job code (P code) after the time the fire exceeded the initial response. Enter the 6-character value, if different than Field 14 Incident Job Code.</p>
<p>20d. Exceeded Initial Response Date/Time (Required if Field 20 is Yes)</p>	<p>See Field 20. Enter or edit the month, day, and year for the date when the fire exceeded the initial response in the format MM/DD/YYYY, or select a date from the calendar.</p> <p>Enter or edit the hour and minutes for the date when the fire exceeded the initial response in the format HH:MM (military time), or select a time from the LOV.</p>
<p>20e. NFDRS Fuel Model at time Exceeded Initial Response (Required if Field 20 is Yes)</p>	<p>Enter or edit the one-character code of the prevailing NFDRS fuel model where the fire was burning at the time the fire exceeded the initial response or select from the LOV.</p> <p>To designate fires burning in non-vegetative fuels where there is a significant separation from wildland fuels, including burning buildings and vehicles on paved roadways, select "X."</p>
<p>21. Initial Response Date/Time</p>	<p>Enter or edit the month, day, and year for the date when fire response action was started in the format MM/DD/YYYY, or select a date from the calendar.</p> <p>Enter or edit the hour and minutes for the date when fire response action was started in the format HHMM (military time), or select a time from the LOV. A valid time is 00-23 hours and 00-59 minutes (midnight is 0000). <i>Note: if an invalid time is entered, ⚠ will appear next to field name, 🚫 will appear next to time, and the application will not allow entries/edits to be saved.</i></p> <p>The Initial Response Time must be at least one minute after Time of Discovery. For Monitor fires, enter the time of the first observation. If the date and/or time is unknown, enter the best estimate or leave blank. If a date is entered, a valid time must also be entered.</p>
<p>22. Response Strategy Attained Date/Time</p>	<p>Enter or edit the month, day, and year for the date when the response strategy was achieved in the format MM/DD/YYYY, or select a date from the calendar.</p> <p>Enter or edit the hour and minutes for the time when the response strategy was achieved in the format HHMM (military time), or select a time from the LOV. A valid time is 00-23 hours and 00-59 minutes (midnight is 0000). <i>Note: if an invalid time is entered, ⚠ will appear next to field name, 🚫 will appear next to time, and the application will not allow entries/edits to be saved.</i></p> <p>The Response Strategy Attained Time must be at least one minute after Initial Response Time. For Monitor fires, enter the time of the last observation. If the date and/or time is unknown, enter the best estimate or leave blank. If a date is entered, a valid time must also be entered.</p>
<p>23. Fire Out Date/Time (Required)</p>	<p>Enter or edit the month, day, and year for the date when the fire was declared out in the format MM/DD/YYYY, or select a date from the calendar.</p> <p>Enter or edit the hour and minutes for the time when the fire was declared out in the format HHMM (military time), or select a time from the LOV. A valid time is 00-23 hours and 00-59 minutes (midnight is 0000). <i>Note: if an invalid time is entered, ⚠ will appear next to field name, 🚫 will appear next to time, and the application will not allow entries/edits to be saved.</i></p> <p>The Fire Out Time must be at least one minute after the Response Strategy Attained Time. If the fire is not out by January 15 of the year after the Discovery Date, leave blank (Status of "Complete With Errors" is acceptable in this situation) and provide explanation in Field 42. Remarks.</p>

<p>24. Resources Used in Initial Response</p>	<p>Enter resources used as part of the initial response strategy. Click on the arrow next to the field name and then click the  button to add a row for data entry or  to delete a row. Resource: click in area below "Resource" to activate a LOV and select the Incident Command System (ICS) resource kind/type (PMS 210, Wildland Fire Incident Management Field Guide). 1. Do not enter data on aircraft other than air tankers, scoopers, and helicopters used to drop water, foam, or retardant. Note that ICS types do not distinguish between permanent tanks and external buckets for helicopters. 2. List individual components of strike teams. Do not count personnel who are already included in an ICS module. For example, if a D1 code is entered for a type 1 dozer do not code the two accompanying personnel as separate individuals. 3. Code non-ICS type crews as P1, with the number of persons in each shown under quantity. If more resources were used than space permits for data entry, consolidate forces by type. Smokejumpers, helitack, and rappell personnel delivered by aircraft should use codes P2-P4 as appropriate. However, firefighters such as smokejumpers delivered to a fire by ground vehicle would be coded as P1 resources. 4. Engines are typed based on tank size, pump capacity, hoses, and other factors. Only record engines if they were used to spray water or foam. Otherwise, record as firefighters (P1). Agency: Click in the area below "Agency" to activate a LOV and select the appropriate agency kind. Amount Used: Click in the area below "Amount Used" to activate it and enter or edit the quantity in whole numbers. If the quantity for a single block exceeds 99, record 99. If no air or ground resources were used, enter M1/USFS/99, such as for a Confine or Monitor Strategy.</p>
<p>25. Estimated FS Suppression Cost (\$)</p>	<p>This field is not needed for current or new reports. However, it may be populated and edited on pre-2014 reports.</p>
<p>26. FS Acres (All Forests)</p>	<p>Enter or edit the total number of acres, to the nearest one-hundredth, of National Forest System lands burned on all Forests within the fire perimeter. See REPORT GUIDANCE, Special Situations (above) for guidance on reporting and adjacent forests.</p>
<p>27. Non-FS Acres Protected by FS</p>	<p>Enter or edit the number of acres, to the nearest one-hundredth, of non-National Forest System lands burned and protected by the Forest Service within the fire perimeter.</p>
<p>28. Non-FS Acres Not Protected by FS</p>	<p>Enter or edit the number of acres, to the nearest one-hundredth, of non-National Forest System lands burned outside Forest Service protection within the fire perimeter.</p>
<p>29. Total Acres Burned (auto-populated)</p>	<p>The Total Acres Burned is auto-populated based on the sum of FS Acres, Non-FS Acres Protected by FS, and Non-FS Acres Not Protected by FS. The minimum fire size is 0.01 acre.</p>
<p>30. Fire Class Size (auto-populated)</p>	<p>The Fire Class Size field is auto-populated based on the number of acres in the Total Acres Burned field. A=0-0.25; B=0.26-9.99; C=10.00-99.99; D=100.00-299.99; E=300.00-999.99; F=1000.00-4999.99; G=5000+</p>
<p>30a. Acres Burned as Wildland Fire Use</p>	<p>This field is not needed for current or new reports. However, it may be populated and edited on pre-2014 reports.</p>
<p>30b. Acres Burned after Conversion from WFU to Suppression</p>	<p>This field is not needed for current or new reports. However, it may be populated and edited on pre-2014 reports.</p>
<p>30c. Acres Burned in WUI (Required if Field 18 is Yes)</p>	<p>Enter or edit the number of acres, to the nearest one-hundredth, of WUI acres burned within the fire perimeter. Acres should be included here if Field 18 was marked Yes.</p>
<p>31. FMZ NVC per Acre (\$)</p>	<p>This field is not needed for current or new reports. However, it may be populated and edited on pre-2014 reports.</p>
<p>32. Fire Intensity Level (Required)</p>	<p>Enter or edit the one-digit code or elect from the LOV the fire intensity level (FIL) code for the predominant or typical sustained average flame length observed at the head of the fire during the initial response. Fires that do not spread appreciably beyond the point of ignition, such as piles or a lightning fire in a single tree, should generally be coded FIL 1, regardless of the observed flame lengths, since they are not spreading fires. FIL 1 = 0-2'; FIL 2 = >2-4'; FIL 3 = >4-6'; FIL 4 = >6-8'; FIL 5 = >8-12'; FIL 6 = >12'</p>

<p>33. <i>Representative Weather Station (Required)</i></p>	<p>Enter or edit the six-digit code (when begin entering digits, list appears of stations starting with those digits) or select from the LOV the weather station number that represents conditions similar to those at the fire site. Note: The closest weather station may not necessarily represent the fire site.</p>
<p>34. <i>NFDRS Fuel Model (Required)</i></p>	<p>Enter or edit the one-character code or select from the LOV the prevailing NFDRS fuel model where the fire was burning at the same time and place where the Fire Intensity Level was observed.</p> <p>To designate fires burning in non-vegetative fuels where there is a threat to wildland fuels, including burning buildings and vehicles on paved roadways, select "X."</p>
<p>35. <i>Cover Class (Required)</i></p>	<p>Enter or edit the two-digit code or select from the LOV the regional vegetation cover type where the fire burned during the initial response. Note: the LOV will not display if Field 5. Region-Forest is not completed.</p>
<p>36. <i>Slope Percentage (Required)</i></p>	<p>Enter or edit the slope percent at the fire origin, a value from 0 to 150 percent.</p>
<p>37. <i>Aspect (Required)</i></p>	<p>Enter or edit the one-digit code or select from the LOV the appropriate general aspect code where the fire was burning at the time of initial response.</p>
<p>38. <i>Elevation (Required)</i></p>	<p>Enter or edit the elevation, in feet, at the head of the fire at initial response.</p>
<p>39. <i>Special Codes (Required for fires in Wilderness)</i></p>	<p>Special Codes allow inclusion of data not recorded elsewhere on the report and are formed with a two-letter Code and an alpha-numeric Value. The Special Code categorizes the type of data. The Value must not contain any decimals or special characters. The Special Code should identify a broad data category (such as Wilderness Area) with the Code field, and then define a set of values for the Value field, if appropriate. Up to 12 Special Codes may be reported for each fire.</p> <p>Code PP (P-Code) is required for D and larger fires, and recommended for all fires. Code WL (Wilderness) is required for fires that burn in wilderness areas designated by Congress. Units shall not substitute local values for the national codes defined in this section.</p> <p>Click on the arrow next to the field name and then click the "+" button to add a row for data entry. Code: Click in the area below "Code" to activate a LOV and select the appropriate code. Value: Click in the area below "Value" to enter the value.</p> <p>The Special Codes are:</p> <p>Air Basin (AB). This code identifies the air basin or air shed impacted by smoke from this fire. Regions can define codes, up to 6-characters.</p> <p>Ignitions Code (IG). This code identifies the number of multiple ignition points within the fire perimeter. Enter the number of separate ignitions that are contained within the fire perimeter (see Special Situations under Report Guidance). This code may be used only when the number of separate ignitions is more than one.</p> <p>Fire Accounting Code (PP). This code handles situations where several accounting codes are used over the life of the fire and up to four codes are allowed, in addition to the code entered in Field 14 (code to which the fire cost was initially charged) and Field 20c (code used after an escape). Accounting codes for other agencies can also be entered within the five-character field limit. Enter the 6-character alpha-numeric value. For example, if the accounting code assigned to the fire was P1AB4C, enter code PP with a value of P1AB4C.</p> <p>Power Equipment Used in Wilderness (PW). This code identifies the type of equipment used. Enter the 2- to 4-character alpha-numeric value (see APPENDIX C).</p> <p>Wilderness Aircraft Intrusion (WA). This code identifies the type of aircraft that intruded the wilderness. Include aircraft that landed, dropped water, foam, retardant, or cargo, or delivered smokejumpers or rappellers. Enter the 3- to 5-character alpha-numeric value for aircraft type (see APPENDIX C).</p>

	<p>Wilderness Code (WL). This code identifies fires that burn in designated wilderness areas. Only fires that occur within the wilderness boundaries after congressional designation may use this code. Enter the 1- to 3-digit wilderness number. Each congressionally mandated wilderness has a unique number (see APPENDIX C).</p> <p>Fire Contained Date (ZC). This code identifies the month and date a wildfire was declared contained. This date code should be used only for large fires that span several days. The default time of 1200 is assigned. Enter the 2-digit month number and the 2-digit day the fire was contained. Use leading zeros on month and date if necessary. For example, if a fire was contained on August 19, enter 0819. The year is calculated based on other data fields.</p> <p>Total Resource Damage (ZD). This code identifies total resource damage on National Forest System Lands determined by analysis. This code should be used only for large fires that have significant resource damage. Enter the total resource damage determined by analysis in \$10,000 increments. For example, if a fire damaged \$4,999 in resources, enter zero (0). If the fire damaged \$10,000,000, enter 1000. The maximum value is \$999.99 million (enter as 99999).</p> <p>National codes are defined so that local units can collect data in a consistent manner.</p>
<p>40. Residences Destroyed</p>	<p>Enter or edit the number of primary and secondary residences destroyed by the fire. If the IRWIN button is used, the number will be loaded if a number was already entered in ICS-209.</p>
<p>41. Other Structures Destroyed</p>	<p>Enter or edit the number of other structures including commercial property, such as office buildings and stores, and private structures, such as barns and equipment sheds, destroyed by the fire. Other Structures Destroyed does not include improvements, such as fences and utility poles. If the IRWIN button is used, the number will be loaded if a number was already entered in ICS-209.</p>
<p>42. Remarks</p>	<p>Enter additional pertinent information to clarify and explain the fire situation or document facts not recorded elsewhere in the form, such as names of fires that merged into this one, other fires in the complex listed in Field 17, or if, at some point, it was part of a complex other than the one listed in Field 17. Indicate the name of the final fire perimeter polygon, if it merged with another fire.</p> <p>If the Fire Out Date/Time (Field 23) is not entered, i.e. the fire is not known to be out, explain situation (240 character limit).</p>
<p>43. Prepared By</p>	<p>Enter or edit the Preparer's name as required for report preparation, review, and approval.</p>
<p>44. Prepared Date</p>	<p>Enter or edit the month, day, and year the fire report was prepared in the format MM/DD/YYYY, or select a date from the calendar.</p>
<p>45. Approved By</p>	<p>Enter or edit the Approver's name as required for report preparation, review, and approval. As stated in FSM 5180, District Rangers are responsible for preparing a complete and accurate report and should determine approver guidelines.</p>
<p>46. Approved Date</p>	<p>Enter or edit the month, day, and year the fire report was approved in the format MM/DD/YYYY, or select a date from the calendar.</p>
<p>47. Supplement for Fire Acres Burned (Required for Class C & above)</p>	<p>Enter data for all size class C (10 acres) and larger fires. Data for A and B class fires may be entered at local option. The Supplement for Fire Acres Burned allows further definition of the protection agency and land ownership for Fields 26. FS Acres (All Forests), 27. Non-FS Acres Protected by FS, and 28. Non-FS Acres Not Protected by FS.</p> <p>General Instructions.</p> <ol style="list-style-type: none"> At least one line must be completed for each Field 26-28 with data. If acres were entered in all three fields, at least three lines must be completed. The acres entered must total as follows: <ol style="list-style-type: none"> The sum of Acres Burned on the Supplement must equal Field 29. Total Acres Burned (sum is not shown but a Validation Error will be listed if it doesn't equal total). 26. FS Acres (All Forests) must equal the sum of all lines with USFS as owner (USFS in Land Ownership column). A line should be completed for each FS Unit on which acres burned. 27. Non-FS Acres Protected by FS must equal the sum of acres where USFS protects the land and USFS is not the owner (USFS in Protection Agency column but not in Land Ownership column). A line should be completed for each Land Ownership protected by the USFS on which acres burned.

- d. 28. Non-FS Acres Not Protected by FS must equal the sum of acres where USFS is in neither the Protection Agency nor Land Ownership column. A line should be completed for each Protection Agency to represent each Land Ownership on which acres burned.
2. Click on the arrow next to the section/field name to expand it and then:
- Click the Auto Fill button to automatically have a row created for each Field (26-28) with acres, filling the columns with default values based on Fields 5-7 and 26-28, or
 - Alternately, after expanding the field, click the "+" button to add at least one blank row for each Field (26-28) with acres. Add additional rows, as necessary, to represent all Protection Agency, Land Ownership, and FS Unit combinations (see item 4 below for specific instructions).
3. If Auto Fill is used, data will be filled in as follows:
- First, when there are acres in 26. FS Acres (All Forests), a row will be filled with default values as follows:
 - Protection Agency the same as Field 6 Protection Agency at origin,
 - Land Ownership as "USFS-USDA Forest Service",
 - FS Unit the same as 5. Reporting Region-Forest, and
 - Acres Burned the same as 26. FS Acres (All Forests).
 Change the default values, as necessary, and add an additional row for each FS Unit (in addition to the unit in Field 5) with acres burned, changing the Protection Agency and FS Unit as appropriate and ensuring the acreage sum for these rows equal Field 26.
 - Second, when there are acres in 27. Non-FS Acres Protected by FS, a row will be filled with default values as follows:
 - Protection Agency as "USFS-USDA Forest Service",
 - Land Ownership the same as 7. Ownership Agency,
 - FS Unit the same as 5. Reporting Region-Forest, and
 - Acres Burned the same as 27. Non-FS Acres Protected by FS.
 Change the default values, as necessary, and add an additional row for each additional Land Ownership agency (other than Field 7) with acres burned, changing the FS Unit, which provided the protection, as appropriate and ensuring the acreage sum for these rows equal Field 27.
 - Third, when there are acres in 28. Non-FS Acres Not Protected by FS, a row will be filled with default values as follows:
 - Protection Agency the same as 6. Protection Agency at Origin,
 - Land Ownership the same as 7. Ownership Agency,
 - FS Unit will set to "~FS Unit~", i.e. no entry, and
 - Acres Burned the same as 28. Non-FS Acres Not Protected by FS.
 Change the default values, as necessary, and add an additional row for each additional Protection Agency and Land Ownership agency combination with acres burned, changing the Protection Agency and Land Ownership as appropriate and ensuring the acreage sum for these rows equal Field 28.
- d. Note: if acres are updated in Fields 26, 27, or 28 and Auto Fill is clicked again, it will not overwrite the first set of default values. Instead, it will add one or more new rows. The first set of rows must be deleted by clicking in each one and then clicking the  button.
4. If rows are added by clicking the  button, fill in data as follows:
- Acres Burned: Click in the area below Acres Burned to enter the acres burned, to the nearest one hundredth, corresponding to the Protection Agency, Land Ownership, and, if applicable, FS Unit combination.
 - Protection Agency: Click in the area below Protection Agency to activate the LOV and select the corresponding agency.
 - Land Ownership: Click in the area below Land Ownership to activate the LOV and select the corresponding agency.
 - FS Unit: Click in the area below FS Unit to activate the LOV and select the corresponding Region-Forest. When entering data to represent acres in 28. Non-FS Acres Not Protected by FS, no data should be entered, i.e. should display "~FS Unit~". When entering data to represent acres in 27. Non-FS Acres Protected by FS, this column should represent the FS Unit that is the Protection Agency. When entering data to represent acres in 26. FS Acres (All Forests), this column should represent the FS Unit that is the Land Ownership column.
5. For specific examples, see below.

Example 1: A fire began on forest 0901, burned 1 FS acre, and spread onto forest 0902 where it burned 1,499 FS acres. Because the origin is on forest 0901, that forest is responsible for the fire report.

Total Acres Burned (all ownerships): 1,500.00
 FS Acres (All Forests): 1,500.00
 Non-FS Acres Protected by FS: 0.00
 Non-FS Acres Not Protected by FS: 0.00

Prot.	Land		
<u>Agency</u>	<u>FS Unit</u>	<u>Ownership</u>	<u>Acres Burned</u>
USFS	09/01	USFS	1.00 (Reporting Unit)
USFS	09/02	USFS	1,499.00
Total Acres Burned			1,500.00

Example 2: A 1,500-acre fire burned 100 acres of FS land. The remaining 1,400 acres burned in two states: 100 acres are owned/managed by the Michigan Department of Natural Resources and 1,200 acres are in private ownership. The fire also burned 100 acres of private timber lands in Wisconsin.

Total Acres Burned (all ownerships): 1,500.00
 FS Acres (All Forests): 100.00
 Non-FS Acres Protected by FS: 0.00
 Non-FS Acres Not Protected by FS: 1,400.00

Prot.	Land		
<u>Agency</u>	<u>FS Unit</u>	<u>Ownership</u>	<u>Acres Burned</u>
USFS	09/01	USFS	100.00 (Reporting Unit)
WI		Private	100.00
MI		MI	100.00
MI		Private	1,200.00
Total Acres Burned			1,500.00

Example 3: A fire burned 1,500 acres. 101 acres were private lands in Michigan under FS protection (no National Forest System lands were burned). The remaining 1,399 acres burned in two states: 50 acres were owned/managed by the Michigan Department of Natural Resources, 1,249 acres were private lands in Michigan, and 100 acres burned on private lands located in Wisconsin that are not under organized fire protection.

Total Acres Burned (all ownerships): 1,500.00
 FS Acres (All Forests): 0.00
 Non-FS Acres Protected by FS: 101.00
 Non-FS Acres Not Protected by FS: 1,399.00

Prot.	Land		
<u>Agency</u>	<u>FS Unit</u>	<u>Ownership</u>	<u>Acres Burned</u>
USFS	09/01	Private	101.00 (Reporting Unit)
NOP		Private	100.00
MI		MI	50.00
MI		Private	1,249.00
Total Acres Burned			1,500.00

NOP=No Organized Protection

Example 4: The Forest Service responded to a 1,500-acre fire which threatened Forest Service land but burned entirely on lands under State or unknown protection. 1,200 acres burned on lands without an identified protection agency. 300 acres burned on private lands in the State of Washington. The first Forest Service unit on the scene is responsible for the Form FS-5100-29.

Total Acres Burned (all ownerships): 1,500.00
 FS Acres (All Forests): 0.00
 Non-FS Acres Protected by FS: 0.00
 Non-FS Acres Not Protected by FS: 1,500.00

Prot.	Land		
<u>Agency</u>	<u>FS Unit</u>	<u>Ownership</u>	<u>Acres Burned</u>
NOP		Private	1,200.00
WA		Private	300.00
Total Acres Burned			1,500.00

Example 5: A fire burned 500 acres of private lands protected by the Forest Service and 1,000 acres on Forest Service lands protected by the state of California.

Total Acres Burned (all ownerships): 1,500.00
 FS Acres (All Forests): 1,000.00
 Non-FS Acres Protected by FS: 500.00
 Non-FS Acres Not Protected by FS: 0.00

Prot.	Land		
<u>Agency</u>	<u>FS Unit</u>	<u>Ownership</u>	<u>Acres Burned</u>
USFS	05/01	Private	500.00 (Reporting Unit)
CA	05/01	USFS	1,000.00
Total Acres Burned			1,500.00

Example 6: A fire began on forest 0214 and burned 5,000 acres of FS land and 2,500 acres of private land protected by the forest. The fire then entered Yellowstone NP where it burned 150,000 acres before crossing over the boundary and burning 25,000 acres of a state park in Wyoming as well as 25,000 acres of private ranch land. The fire also burned 17,500 acres of land in Montana: 6999 acres were private land with no protection agreements with local, State, or Federal entities, 1 acre burned in a rest area outside any protection district, and 10,500 acres burned on private lands. Forest 0403 lost 75,000 acres within its protection boundary, of which 5,000 acres were Bureau of Land Management and 10,000 acres were private lands. Forest 0415 lost 100,000 acres within its protection boundary: 15,000 acres were private, 5,000 acres were in a national monument, and 80,000 were regular forest lands.

Total Acres Burned (all ownerships): 400,000.00
 FS Acres (All Forests): 145,000.00
 Non-FS Acres Protected by FS: 37,500.00
 Non-FS Acres Not Protected by FS: 217,500.00

Prot.	Land		
<u>Agency</u>	<u>FS Unit</u>	<u>Ownership</u>	<u>Acres Burned</u>
USFS	02/14	USFS	5,000.00 (Reporting Unit)
USFS	02/14	Private	2,500.00
NPS		NPS	150,000.00
USFS	04/03	USFS	60,000.00

	USFS	04/03	BLM	5,000.00
	USFS	04/03	Private	10,000.00
	USFS	04/15	USFS	80,000.00
	USFS	04/15	Private	15,000.00
	USFS	04/15	NPS	5,000.00
	WY		WY	25,000.00
	WY		Private	25,000.00
	NOP		Private	6,999.00
	NOP		MT	1.00
	MT		Private	10,500.00
	Total Acres Burned			400,000.00
<p>Example 7: A 66,000-acre fire burned lands on three national forests in 2 Regions. The fire began on forest 0114 and burned 10,000 acres of Forest Service lands, 2,500 acres of private land under FS protection, 2,000 acres of State of Idaho lands under FS protection, and 3,000 acres of Bureau of Land Management lands under FS protection. In addition, the fire burned 5,000 acres of Idaho State protected private lands. The fire also burned onto forest 0616 and burned 25,000 acres of FS lands, 2,500 acres of private lands under FS protection, 5,500 acres protected by the State of Oregon, and 10,000 of scabland under no protection in Oregon. The fire was controlled after moving onto forest 0614 and burning an additional 500 acres.</p>				
	Total Acres Burned (all ownerships):			66,000.00
	FS Acres (All Forests):			35,500.00
	Non-FS Acres Protected by FS:			10,000.00
	Non-FS Acres Not Protected by FS:			20,500.00
	<u>Agency</u>	<u>FS Unit</u>	<u>Ownership</u>	<u>Acres Burned</u>
	USFS	01/14	USFS	10,000.00 (Reporting unit)
	USFS	01/14	Private	2,500.00
	USFS	01/14	ID	2,000.00
	USFS	01/14	BLM	3,000.00
	ID		Private	5,000.00
	USFS	06/16	USFS	25,000.00
	USFS	06/16	Private	2,500.00
	OR		Private	5,500.00
	NOP		Private	10,000.00
	USFS	06/14	USFS	500.00
	Total Acres Burned			66,000.00

FIRESTAT HELP:

- For questions regarding direction or content, contact the Regional FIRESTAT Manager.
- For questions regarding accounts, password resets, or technical application functionality, call or email the Help Desk (contact information in the lower left on FAMWEB site (<https://fam.nwcg.gov/fam-web/>) or on the Home Tab in FIRESTAT).

FIRESTAT CHANGES:

- To propose application changes, contact Laura Barrett, National Fire Planner at: lbarrett@fs.fed.us. Proposed changes will be reviewed periodically by a Change Board to determine changes to prioritize and implement.

APPENDIX A. FIRESTAT NOMENCLATURE

APPLICATION HEADER – appears above all tabs; includes application name, user name, role, and **Login/Logout** button; see **REPORT APPLICATION** for screen capture and detailed instructions

BUTTONS – appear on all tabs, except **HOME TAB**; when clicked, will initiate an action; button names are shown in **bold italics** in this User Guide; see **REPORT APPLICATION** and **REPORT ENTRY** for screen capture and detailed instructions

FIELDS – appear on all tabs, except **HOME TAB**; entry blocks where data may be entered as text or numbers, or chosen from an LOV or calendar; see **REPORT APPLICATION** and **REPORT ENTRY** for screen capture and detailed instructions

INDICATORS – appear on **CREATE/EDIT TAB**; **Status** Indicator indicates report completion status; **Validation** Indicator indicates completion of required fields or inclusion of inconsistent or erroneous data; Indicator names are shown in **bold italics** in this User Guide; see **REPORT ENTRY** for screen capture and detailed instructions

LOG BOX – appears at bottom of all tabs; includes messages regarding actions taken, error messages, and login status; see **REPORT APPLICATION** for screen capture and detailed information

LIST OF VALUES (LOVS) – appear on all tabs, except **HOME TAB**; list appropriate choices for corresponding field; see **REPORT APPLICATION** and **REPORT ENTRY** for screen capture and detailed instructions

RECORD LIST – appears on **SEARCH TAB**; list of records matching search criteria; see **REPORT APPLICATION** and **REPORT ENTRY** for screen capture and detailed information

RECORD LIST HEADER - appears on **SEARCH TAB**; includes number of records matching search criteria, **Open** button, instructions regarding how to open and sort records, and Column headings; see **REPORT APPLICATION** and **REPORT ENTRY** for screen capture and detailed instructions

REPORT CRITERIA SCREEN – appears on **REPORT TAB**; screen in which enter criteria to run reports; see **REPORT APPLICATION** for screen capture and detailed information

FIRE REPORT HEADER - appears on **CREATE/EDIT TAB**; includes form name and number, Fire Report Synopsis, Buttons, Indicators, and instructions regarding required and obsolete fields; see **REPORT ENTRY** for screen capture and detailed instructions

FIRE REPORT SYNOPSIS - appears on **CREATE/EDIT TAB**; as report is completed, populates with fire name and number, total acres burned; discovery date, Region/Forest, location; statistical cause, and remarks; see **REPORT ENTRY** for screen capture and detailed information

SECTIONS - appear on **CREATE/EDIT TAB**; portions of the fire report with one or more fields; see **REPORT ENTRY** for screen capture and detailed information

TABS – screens which display various components of the application; the ability to view and access different Tabs is dependent on user role(s); see **REPORT APPLICATION** for screen capture and instructions

APPENDIX B. LIST OF VALUES (LOVS)

FIELD 5. REPORTING REGION-FOREST (notify National Fire Planner & FireFamilyPlus Business Lead of any changes)

Region 1	Region 2
01-Northern Regional Office (R-1)-MTR01	02-Rocky Mountain Regional Office (R-2)-COR02
0102-Beaverhead/Deerlodge National Forest-MTBDF	0202-Bighorn National Forest-WYBHF
0103-Bitterroot National Forest-MTBRF	0203-Black Hills National Forest-SDBKF
0104-Idaho Panhandle National Forest-IDIPF	0204-Grand Mesa/Uncompahgre/Gunnison National Forest-COGMF
0110-Flathead National Forest-MTFNF	0206-Medicine Bow National Forest-WYMBF
0111-Custer Gallatin National Forest-MTCGF	0207-Nebraska National Forest-NENBF
0112-Helena National Forest-MTHNF	0209-Rio Grande National Forest-CORGF
0114-Kootenai National Forest-MTKNF	0210-Arapaho & Roosevelt National Forests/Pawnee National Grassland-COARF
0115-Lewis & Clark National Forest-MTLCF	0211-Routt National Forest-CORTF
0116-Lolo National Forest-MTLNF	0212-Pike & San Isabel N.F.- COPSF
0117-Nez Perce - Clearwater National Forest-IDNCF	0213-San Juan National Forest-COSJF
0118-Dakota Prairie National Grasslands-NDDPF	0214-Shoshone National Forest-WYSHF
	0215-White River National Forest-COWRF
Region 3	Region 4
03-Southwest Regional Office (R-3)-NMR03	04-Intermountain Regional Office, R-4-UTR04
0301-Apache-Sitgreaves National Forest-AZASF	0401-Ashley National Forest-UTASF
0302-Carson National Forest-NMCAF	0402-Boise National Forest-IDBOF
0303-Cibola National Forest-NMCIF	0403-Bridger-Teton National Forest-WYBTF
0304-Coconino National Forest-AZCOF	0407-Dixie National Forest-UTDIF
0305-Coronado National Forest-AZCNF	0408-Fishlake National Forest-UTFIF
0306-Gila National Forest-NMGNF	0410-Manti-Lasal National Forest-UTMLF
0307-Kaibab National Forest-AZKNF	0412-Payette National Forest-IDPAF
0308-Lincoln National Forest-NMLNF	0413-Salmon-Challis National Forest-IDSCF
0309-Prescott National Forest-AZPNF	0414-Sawtooth National Forest-IDSTF
0310-Santa Fe National Forest-NMSNF	0415-Caribou-Targhee National Forest-IDCTF
0312-Tonto National Forest-AZTNF	0417- Humboldt-Toiyabe National Forest- NVHTF
	0419-Uinta-Wasatch-Cache National Forest- UTUWF
Region 5	Region 6
05-Pacific Southwest Regional Office-CAR05	06-Pacific Northwest Regional Office (R-6)-ORR06
0501-Angeles National Forest-CAANF	0601-Deschutes National Forest-ORDEF
0502-Cleveland National Forest-CACNF	0602-Fremont-Winema National Forest-ORFWF
0503-Eldorado National Forest-CAENF	0603-Gifford Pinchot National Forest-WAGPF
0504-Inyo National Forest-CAINF	0604-Malheur National Forest-ORMAF
0505-Klamath National Forest-CAKNF	0605-Mt. Baker-Snoqualmie National Forest-WAMSF
0506-Lassen National Forest-CALNF	0606-Mt. Hood National Forest-ORMHF
0507-Los Padres National Forest-CALPF	0607-Ochoco National Forest-OROFC
0508-Mendocino National Forest-CAMNF	0609-Olympic National Forest-WAOLF
0509-Modoc National Forest-CAMDF	0610-Rogue River-Siskiyou National Forest-ORRSF
0510-Six Rivers National Forest-CASRF	0612-Siuslaw National Forest-ORSUF
0511-Plumas National Forest-CAPNF	0614-Umatilla National Forest-ORUMF
0512-San Bernardino National Forest-CABDF	0615-Umpqua National Forest-ORUPF
0513-Sequoia National Forest-CASQF	0616-Wallowa-Whitman National Forest-ORWWF
0514-Shasta-Trinity National Forest-CASHF	0617-Okanogan/Wenatchee National Forest- WAOWF
0515-Sierra National Forest-CASNF	

Region 5	Region 6
0516-Stanislaus National Forest-CASTF	0618-Willamette National Forest-ORWIF
0517-Tahoe National Forest-CATNF	0621-Colville National Forest-WACOF
0519-Lake Tahoe Basin Management Unit-CATMU	0622-Columbia River Gorge National Scenic Area-ORCGF
Region 8	Region 9
08-Southern Regional Office (R-8)-GAR08	09-Forest Service Eastern Regional Office-WIRO9
0801-National Forests in Alabama-ALALF	0902-Chequamegon-Nicolet National Forest-WICNF
0802-Daniel Boone National Forest-KYDBF	0903-Chippewa National Forest-MNCPF
0803-Chattahoochee-Oconee National Forest-GACHF	0904-Huron-Manistee National Forest-MIHMF
0804-Cherokee National Forest-TNCNF	0905-Mark Twain National Forest-MOMTF
0805-National Forests in Florida-FLFNF	0907-Ottawa National Forest-MIOTF
0806-Kisatchie National Forest-LAKIF	0908-Shawnee National Forest-ILSHF
0807-National Forests in Mississippi-MSMNF	0909-Superior National Forest-MNSUF
0808-George Washington & Jefferson National Forests-VAVAF	0910-Hiawatha National Forest-MIHIF
0809-Ouachita National Forest-AROUF	0912-Hoosier National Forest-INHOF
0810-Ozark & St. Francis National Forests-AROFZ	0913-Chenic National Forest-UNKNO
0811-National Forests in North Carolina-NCNCF	0914-Wayne National Forest-OHWAF
0812-Francis Marion & Sumter National Forests-SCFMF	0915-Midewin National Tall Grass Prairie-ILMPF
0813-National Forests And Grasslands In Texas-TXTXF	0919-Allegheny National Forest-PAALF
0836-Savannah River Forest-SCSRF	0920-Green Mountain National Forest-VTGMF
0860-Land Between the Lakes National Recreation Area-KYLBF	0921-Monongahela National Forest-WVMOF
	0922-White Mountain National Forest-NHWMF
Region 10	National
10-Alaska Regional Office-AKR10	1301-Washington Office-DCWOF
1003-Tongass National Forest-AKTNF	1502-Albuquerque Service Center-NMASC
1004-Chugach National Forest-AKCGF	

Historical (for entry/edit of prior year reports)
0108-Custer National Forest-MTCNF (exp. 03/2015)
0111H- Gallatin National Forest-MTGNF (exp. 03/2015)
0105-Clearwater National Forest-IDCWF (exp. 10/2013)
0117H-Nez Perce National Forest-IDNPF (exp. 10/2013)
0620-Winema National Forest-OR0620 (exp. 12/2010)
0610A-Rogue River NF-OR0610A
0611-Siskiyou National Forest-OR0611 (exp. 01/2009)
1302-HISTORICAL-DC1302 (exp. 1/2009)
0418-Uinta/Wasatch-Cache National Forest-UTUIF (exp. 10/2008)
0299-Region 02-pcha load fires-CO0299 (exp. 12/2006)
0491-Region 04-pcha load fires (for. 0403)-UT0491 (exp. 12/2006)
0497-Region 04-pcha load fires (for. 0414)-UT0497 (exp. 12/2006)
0579-Region 05-pcha load fires (for. 0502)-CA0579 (exp. 12/2006)
0580-Region 05-pcha load fires (for. 0503)-CA0580 (exp. 12/2006)
0590-Region 05-pcha load fires (for. 0513)-CA0590 (exp. 12/2006)
0594-Region 05-pcha load fires (for. 0517)-CA0594 (exp. 12/2006)
0599-Region 05-pcha load fires-CA0599 (exp. 12/2006)
0999-Region 09-pcha load fires-WI0999 (exp. 12/2006)

Historical (for entry/edit of prior year reports)
0405-Caribou National Forest-ID0405 (exp. 1/2003)
0608-Okanogan National Forest-WAOKF (exp. 1/2003)
0906-Nicolet National Forest-WI0906 (exp. 09/1999)
0409-Humboldt National Forest-NV0409 (exp. 1/1998)
1002-Tongass N.F., Stikine Area-AK1002 (exp. 1/1998)
0109-Deerlodge National Forest-MT0109 (exp. 12/1996)
0814-Jefferson National Forest-VA0814 (exp. 09/1995)
0911-Wayne-Hoosier National Forest-IN0911 (exp. 12/1993)
0205-Gunnison National Forest-CO0205 (exp. 06/1976)
0201-Arapaho National Forest-CO0201 (exp. 06/1975)
0208-Pike National Forest (exp. 12/1975)
0107-Colville National Forest-WA0107 (exp. 06/1974)
0613-Snoqualmie National Forest-WA0613 (exp. 06/1974)
0311-Sitgreaves National Forest-AZ0311 (exp. 12/1973)
0106-Coeur d'Alene National Forest-ID0106 (exp. 09/1973)
0113-Kaniksu National Forest-ID0113 (exp. 09/1973)
0918-Mark Twain National Forest-MO0918 (exp. 06/1973)
0404-Cache National Forest-UT0404 (exp. 12/1972)
0416-Teton National Forest-ID0416 (exp. 12/1972)
09-R9 Regional Office-WI09 (exp. 12/1969)
0619-Winema National Forest (exp. 3/1964)

FIELD 6. PROTECTING AGENCY AT ORIGIN AND FIELD 7. OWNERSHIP AGENCY AT ORIGIN

Protection/Ownership Agency
USFS - USDA Forest Service
BIA - Bureau of Indian Affairs
BLM - Bureau of Land Management
BOR - Bureau of Reclamation
City - City or Equivalent Government
County - County or Equivalent Government
DOD - Department of Defense
DOE - Department of Energy
Foreign - Foreign Government
NPS - National Park Service
Private - Individual or Private Corporation
State - State or Equivalent Government
Tribal - Tribal Government
USFWS - US Fish & Wildlife Service

FIELD 7. OWNERSHIP UNIT ID AT ORIGIN

This LOV is based on the *NWCG Unit Identifier Report*, which is updated continuously. To view the latest version, visit: https://www.nifc.blm.gov/unit_id/Publish.html

FIELD 7. STATE AT ORIGIN

State or U.S. Territory	State or U.S. Territory
AL - ALABAMA	NJ - NEW JERSEY
AK - ALASKA	NM - NEW MEXICO
AZ - ARIZONA	NY - NEW YORK
AR - ARKANSAS	NC - NORTH CAROLINA
CA - CALIFORNIA	ND - NORTH DAKOTA
CO - COLORADO	OH - OHIO
CT - CONNECTICUT	OK - OKLAHOMA
DE - DELAWARE	OR - OREGON
DC - DIST OF COLUMBIA	PA - PENNSYLVANIA
FL - FLORIDA	RI - RHODE ISLAND
GA - GEORGIA	SC - SOUTH CAROLINA
HI - HAWAII	SD - SOUTH DAKOTA
ID - IDAHO	TN - TENNESSEE
IL - ILLINOIS	TX - TEXAS
IN - INDIANA	UT - UTAH
IA - IOWA	VT - VERMONT
KS - KANSAS	VA - VIRGINIA
KY - KENTUCKY	WA - WASHINGTON
LA - LOUISIANA	WV - WEST VIRGINIA
ME - MAINE	WI - WISCONSIN
MD - MARYLAND	WY - WYOMING
MA - MASSACHUSETTS	AS - AMERICAN SAMOA
MI - MICHIGAN	FM - FEDERATED STATES OF MICRONESIA
MN - MINNESOTA	GU - GUAM
MS - MISSISSIPPI	MH - MARSHALL ISLANDS
MO - MISSOURI	MP - NORTHERN MARIANA ISLANDS
MT - MONTANA	PW - PALAU
NE - NEBRASKA	PR - PUERTO RICO
NV - NEVADA	UM - U.S. MINOR OUTLYING ISLANDS
NH - NEW HAMPSHIRE	VI - VIRGIN ISLANDS OF THE U.S.

FIELD 7. COUNTY AT ORIGIN

State	County Name	State	County Name	State	County Name
AL	Autauga	AL	Clay	AL	Escambia
AL	Baldwin	AL	Cleburne	AL	Etowah
AL	Barbour	AL	Coffee	AL	Fayette
AL	Bibb	AL	Colbert	AL	Franklin
AL	Blount	AL	Conecuh	AL	Geneva
AL	Bullock	AL	Coosa	AL	Greene
AL	Butler	AL	Covington	AL	Hale
AL	Calhoun	AL	Crenshaw	AL	Henry
AL	Chambers	AL	Cullman	AL	Houston
AL	Cherokee	AL	Dale	AL	Jackson
AL	Chilton	AL	Dallas	AL	Jefferson
AL	Choctaw	AL	De Kalb	AL	Lamar
AL	Clarke	AL	Elmore	AL	Lauderdale

State	County Name	State	County Name	State	County Name
AL	Lawrence	AK	Skagway-Hoonah-Angoo	AR	Grant
AL	Lee	AK	Skagway-Yakutat-Ango	AR	Greene
AL	Limestone	AK	Southeast Fairbanks	AR	Hempstead
AL	Lowndes	AK	Valdez-Cordova	AR	Hot Spring
AL	Macon	AK	Wade Hampton	AR	Howard
AL	Madison	AK	Wrangell-Petersburg	AR	Independence
AL	Marengo	AK	Yakutat	AR	Izard
AL	Marion	AK	Yukon-Koyukuk	AR	Jackson
AL	Marshall	AZ	Apache	AR	Jefferson
AL	Mobile	AZ	Cochise	AR	Johnson
AL	Monroe	AZ	Coconino	AR	Lafayette
AL	Montgomery	AZ	Gila	AR	Lawrence
AL	Morgan	AZ	Graham	AR	Lee
AL	Perry	AZ	Greenlee	AR	Lincoln
AL	Pickens	AZ	La Paz	AR	Little River
AL	Pike	AZ	Maricopa	AR	Logan
AL	Randolph	AZ	Mohave	AR	Lonoke
AL	Russell	AZ	Navajo	AR	Madison
AL	Saint Clair	AZ	Pima	AR	Marion
AL	Shelby	AZ	Pinal	AR	Miller
AL	Sumter	AZ	Santa Cruz	AR	Mississippi
AL	Talladega	AZ	Yavapai	AR	Monroe
AL	Tallapoosa	AZ	Yuma	AR	Montgomery
AL	Tuscaloosa	AR	Arkansas	AR	Nevada
AL	Walker	AR	Ashley	AR	Newton
AL	Washington	AR	Baxter	AR	Ouachita
AL	Wilcox	AR	Benton	AR	Perry
AL	Winston	AR	Boone	AR	Phillips
AK	Aleutians East	AR	Bradley	AR	Pike
AK	Aleutians West	AR	Calhoun	AR	Poinsett
AK	Anchorage	AR	Carroll	AR	Polk
AK	Bethel	AR	Chicot	AR	Pope
AK	Bristol Bay	AR	Clark	AR	Prairie
AK	Denali	AR	Clay	AR	Pulaski
AK	Dillingham	AR	Cleburne	AR	Randolph
AK	Fairbanks North Star	AR	Cleveland	AR	Saint Francis
AK	Haines	AR	Columbia	AR	Saline
AK	Juneau	AR	Conway	AR	Scott
AK	Kenai Peninsula	AR	Craighead	AR	Searcy
AK	Ketchikan Gateway	AR	Crawford	AR	Sebastian
AK	Kodiak Island	AR	Crittenden	AR	Sevier
AK	Lake and Peninsula	AR	Cross	AR	Sharp
AK	Matanuska-Susitna	AR	Dallas	AR	Stone
AK	Nome	AR	Desha	AR	Union
AK	North Slope	AR	Drew	AR	Van Buren
AK	Northwest Arctic	AR	Faulkner	AR	Washington
AK	Other	AR	Franklin	AR	White
AK	Prince of Wales-Oute	AR	Fulton	AR	Woodruff
AK	Sitka	AR	Garland	AR	Yell

State	County Name	State	County Name	State	County Name
CA	Alameda	CA	Sonoma	CO	Mineral
CA	Alpine	CA	Stanislaus	CO	Moffat
CA	Amador	CA	Sutter	CO	Montezuma
CA	Butte	CA	Tehama	CO	Montrose
CA	Calaveras	CA	Trinity	CO	Morgan
CA	Colusa	CA	Tulare	CO	Otero
CA	Contra Costa	CA	Tuolumne	CO	Ouray
CA	Del Norte	CA	Ventura	CO	Park
CA	El Dorado	CA	Yolo	CO	Phillips
CA	Fresno	CA	Yuba	CO	Pitkin
CA	Glenn	CO	Adams	CO	Prowers
CA	HISTORICAL: FO	CO	Alamosa	CO	Pueblo
CA	Humboldt	CO	Arapahoe	CO	Rio Blanco
CA	Imperial	CO	Archuleta	CO	Rio Grande
CA	Inyo	CO	Baca	CO	Routt
CA	Kern	CO	Bent	CO	Saguache
CA	Kings	CO	Boulder	CO	San Juan
CA	Lake	CO	Chaffee	CO	San Miguel
CA	Lassen	CO	Cheyenne	CO	Sedgwick
CA	Los Angeles	CO	Clear Creek	CO	Summit
CA	Madera	CO	Conejos	CO	Teller
CA	Marin	CO	Costilla	CO	Washington
CA	Mariposa	CO	Crowley	CO	Weld
CA	Mendocino	CO	Custer	CO	Yuma
CA	Merced	CO	Delta	CT	Fairfield
CA	Modoc	CO	Denver	CT	Hartford
CA	Mono	CO	Dolores	CT	Litchfield
CA	Monterey	CO	Douglas	CT	Middlesex
CA	Napa	CO	Eagle	CT	New Haven
CA	Nevada	CO	El Paso	CT	New London
CA	Orange	CO	Elbert	CT	Tolland
CA	Placer	CO	Fremont	CT	Windham
CA	Plumas	CO	Garfield	DE	Kent
CA	Riverside	CO	Gilpin	DE	New Castle
CA	Sacramento	CO	Grand	DE	Sussex
CA	San Benito	CO	Gunnison	DC	District of Columbia
CA	San Bernardino	CO	Hinsdale	FL	Alachua
CA	San Diego	CO	Huerfano	FL	Baker
CA	San Francisco	CO	Jackson	FL	Bay
CA	San Joaquin	CO	Jefferson	FL	Bradford
CA	San Luis Obispo	CO	Kiowa	FL	Brevard
CA	San Mateo	CO	Kit Carson	FL	Broward
CA	Santa Barbara	CO	La Plata	FL	Calhoun
CA	Santa Clara	CO	Lake	FL	Charlotte
CA	Santa Cruz	CO	Larimer	FL	Citrus
CA	Shasta	CO	Las Animas	FL	Clay
CA	Sierra	CO	Lincoln	FL	Collier
CA	Siskiyou	CO	Logan	FL	Columbia
CA	Solano	CO	Mesa	FL	De Soto

State	County Name	State	County Name	State	County Name
FL	Dixie	FL	Union	GA	Dodge
FL	Duval	FL	Volusia	GA	Dooly
FL	Escambia	FL	Wakulla	GA	Dougherty
FL	Flagler	FL	Walton	GA	Douglas
FL	Franklin	FL	Washington	GA	Early
FL	Gadsden	GA	Appling	GA	Echols
FL	Gilchrist	GA	Atkinson	GA	Effingham
FL	Glades	GA	Bacon	GA	Elbert
FL	Gulf	GA	Baker	GA	Emanuel
FL	Hamilton	GA	Baldwin	GA	Evans
FL	Hardee	GA	Banks	GA	Fannin
FL	Hendry	GA	Barrow	GA	Fayette
FL	Hernando	GA	Bartow	GA	Floyd
FL	Highlands	GA	Ben Hill	GA	Forsyth
FL	Hillsborough	GA	Berrien	GA	Franklin
FL	Holmes	GA	Bibb	GA	Fulton
FL	Indian River	GA	Bleckley	GA	Gilmer
FL	Jackson	GA	Brantley	GA	Glascok
FL	Jefferson	GA	Brooks	GA	Glynn
FL	Lafayette	GA	Bryan	GA	Gordon
FL	Lake	GA	Bulloch	GA	Grady
FL	Lee	GA	Burke	GA	Greene
FL	Leon	GA	Butts	GA	Gwinnett
FL	Levy	GA	Calhoun	GA	Habersham
FL	Liberty	GA	Camden	GA	Hall
FL	Madison	GA	Candler	GA	Hancock
FL	Manatee	GA	Carroll	GA	Haralson
FL	Marion	GA	Catoosa	GA	Harris
FL	Martin	GA	Charlton	GA	Hart
FL	Miami-Dade	GA	Chatham	GA	Heard
FL	Monroe	GA	Chattahoochee	GA	Henry
FL	Nassau	GA	Chattooga	GA	Houston
FL	Okaloosa	GA	Cherokee	GA	Irwin
FL	Okeechobee	GA	Clarke	GA	Jackson
FL	Orange	GA	Clay	GA	Jasper
FL	Osceola	GA	Clayton	GA	Jeff Davis
FL	Palm Beach	GA	Clinch	GA	Jefferson
FL	Pasco	GA	Cobb	GA	Jenkins
FL	Pinellas	GA	Coffee	GA	Johnson
FL	Polk	GA	Colquitt	GA	Jones
FL	Putnam	GA	Columbia	GA	Lamar
FL	Saint Johns	GA	Cook	GA	Lanier
FL	Saint Lucie	GA	Coweta	GA	Laurens
FL	Santa Rosa	GA	Crawford	GA	Lee
FL	Sarasota	GA	Crisp	GA	Liberty
FL	Seminole	GA	Dade	GA	Lincoln
FL	Sumter	GA	Dawson	GA	Long
FL	Suwannee	GA	De Kalb	GA	Lowndes
FL	Taylor	GA	Decatur	GA	Lumpkin

State	County Name	State	County Name	State	County Name
GA	Macon	GA	Twiggs	ID	Jerome
GA	Madison	GA	Union	ID	Kootenai
GA	Marion	GA	Upson	ID	Latah
GA	McDuffie	GA	Walker	ID	Lemhi
GA	McIntosh	GA	Walton	ID	Lewis
GA	Meriwether	GA	Ware	ID	Lincoln
GA	Miller	GA	Warren	ID	Madison
GA	Mitchell	GA	Washington	ID	Minidoka
GA	Monroe	GA	Wayne	ID	Nez Perce
GA	Montgomery	GA	Webster	ID	Oneida
GA	Morgan	GA	Wheeler	ID	Owyhee
GA	Murray	GA	White	ID	Payette
GA	Muscogee	GA	Whitfield	ID	Power
GA	Newton	GA	Wilcox	ID	Shoshone
GA	Oconee	GA	Wilkes	ID	Teton
GA	Oglethorpe	GA	Wilkinson	ID	Twin Falls
GA	Paulding	GA	Worth	ID	Valley
GA	Peach	HI	Hawaii	ID	Washington
GA	Pickens	HI	Honolulu	IL	Adams
GA	Pierce	HI	Kalawao	IL	Alexander
GA	Pike	HI	Kauai	IL	Bond
GA	Polk	HI	Maui	IL	Boone
GA	Pulaski	ID	Ada	IL	Brown
GA	Putnam	ID	Adams	IL	Bureau
GA	Quitman	ID	Bannock	IL	Calhoun
GA	Rabun	ID	Bear Lake	IL	Carroll
GA	Randolph	ID	Benewah	IL	Cass
GA	Richmond	ID	Bingham	IL	Champaign
GA	Rockdale	ID	Blaine	IL	Christian
GA	Schley	ID	Boise	IL	Clark
GA	Screven	ID	Bonner	IL	Clay
GA	Seminole	ID	Bonneville	IL	Clinton
GA	Spalding	ID	Boundary	IL	Coles
GA	Stephens	ID	Butte	IL	Cook
GA	Stewart	ID	Camas	IL	Crawford
GA	Sumter	ID	Canyon	IL	Cumberland
GA	Talbot	ID	Caribou	IL	De Kalb
GA	Taliaferro	ID	Cassia	IL	De Witt
GA	Tattnall	ID	Clark	IL	Douglas
GA	Taylor	ID	Clearwater	IL	Du Page
GA	Telfair	ID	Custer	IL	Edgar
GA	Terrell	ID	Elmore	IL	Edwards
GA	Thomas	ID	Franklin	IL	Effingham
GA	Tift	ID	Fremont	IL	Fayette
GA	Toombs	ID	Gem	IL	Ford
GA	Towns	ID	Gooding	IL	Franklin
GA	Treutlen	ID	HISTORICAL: FO	IL	Fulton
GA	Troup	ID	Idaho	IL	Gallatin
GA	Turner	ID	Jefferson	IL	Greene

State	County Name	State	County Name	State	County Name
IL	Grundy	IL	Rock Island	IN	Greene
IL	Hamilton	IL	Saint Clair	IN	Hamilton
IL	Hancock	IL	Saline	IN	Hancock
IL	Hardin	IL	Sangamon	IN	Harrison
IL	Henderson	IL	Schuyler	IN	Hendricks
IL	Henry	IL	Scott	IN	Henry
IL	Iroquois	IL	Shelby	IN	Howard
IL	Jackson	IL	Stark	IN	Huntington
IL	Jasper	IL	Stephenson	IN	Jackson
IL	Jefferson	IL	Tazewell	IN	Jasper
IL	Jersey	IL	Union	IN	Jay
IL	Jo Daviess	IL	Vermilion	IN	Jefferson
IL	Johnson	IL	Wabash	IN	Jennings
IL	Kane	IL	Warren	IN	Johnson
IL	Kankakee	IL	Washington	IN	Knox
IL	Kendall	IL	Wayne	IN	Kosciusko
IL	Knox	IL	White	IN	La Porte
IL	La Salle	IL	Whiteside	IN	Lagrange
IL	Lake	IL	Will	IN	Lake
IL	Lawrence	IL	Williamson	IN	Lawrence
IL	Lee	IL	Winnebago	IN	Madison
IL	Livingston	IL	Woodford	IN	Marion
IL	Logan	IN	Adams	IN	Marshall
IL	Macon	IN	Allen	IN	Martin
IL	Macoupin	IN	Bartholomew	IN	Miami
IL	Madison	IN	Benton	IN	Monroe
IL	Marion	IN	Blackford	IN	Montgomery
IL	Marshall	IN	Boone	IN	Morgan
IL	Mason	IN	Brown	IN	Newton
IL	Massac	IN	Carroll	IN	Noble
IL	McDonough	IN	Cass	IN	Ohio
IL	McHenry	IN	Clark	IN	Orange
IL	McLean	IN	Clay	IN	Owen
IL	Menard	IN	Clinton	IN	Parke
IL	Mercer	IN	Crawford	IN	Perry
IL	Monroe	IN	Daviess	IN	Pike
IL	Montgomery	IN	De Kalb	IN	Porter
IL	Morgan	IN	Dearborn	IN	Posey
IL	Moultrie	IN	Decatur	IN	Pulaski
IL	Ogle	IN	Delaware	IN	Putnam
IL	Peoria	IN	Dubois	IN	Randolph
IL	Perry	IN	Elkhart	IN	Ripley
IL	Piatt	IN	Fayette	IN	Rush
IL	Pike	IN	Floyd	IN	Saint Joseph
IL	Pope	IN	Fountain	IN	Scott
IL	Pulaski	IN	Franklin	IN	Shelby
IL	Putnam	IN	Fulton	IN	Spencer
IL	Randolph	IN	Gibson	IN	Starke
IL	Richland	IN	Grant	IN	Steuben

State	County Name	State	County Name	State	County Name
IN	Sullivan	IA	Floyd	IA	Shelby
IN	Switzerland	IA	Franklin	IA	Sioux
IN	Tippecanoe	IA	Fremont	IA	Story
IN	Tipton	IA	Greene	IA	Tama
IN	Union	IA	Grundy	IA	Taylor
IN	Vanderburgh	IA	Guthrie	IA	Union
IN	Vermillion	IA	Hamilton	IA	Van Buren
IN	Vigo	IA	Hancock	IA	Wapello
IN	Wabash	IA	Hardin	IA	Warren
IN	Warren	IA	Harrison	IA	Washington
IN	Warrick	IA	Henry	IA	Wayne
IN	Washington	IA	Howard	IA	Webster
IN	Wayne	IA	Humboldt	IA	Winnebago
IN	Wells	IA	Ida	IA	Winneshiek
IN	White	IA	Iowa	IA	Woodbury
IN	Whitley	IA	Jackson	IA	Worth
IA	Adair	IA	Jasper	IA	Wright
IA	Adams	IA	Jefferson	KS	Allen
IA	Allamakee	IA	Johnson	KS	Anderson
IA	Appanoose	IA	Jones	KS	Atchison
IA	Audubon	IA	Keokuk	KS	Barber
IA	Benton	IA	Kossuth	KS	Barton
IA	Black Hawk	IA	Lee	KS	Bourbon
IA	Boone	IA	Linn	KS	Brown
IA	Bremer	IA	Louisa	KS	Butler
IA	Buchanan	IA	Lucas	KS	Chase
IA	Buena Vista	IA	Lyon	KS	Chautauqua
IA	Butler	IA	Madison	KS	Cherokee
IA	Calhoun	IA	Mahaska	KS	Cheyenne
IA	Carroll	IA	Marion	KS	Clark
IA	Cass	IA	Marshall	KS	Clay
IA	Cedar	IA	Mills	KS	Cloud
IA	Cerro Gordo	IA	Mitchell	KS	Coffey
IA	Cherokee	IA	Monona	KS	Comanche
IA	Chickasaw	IA	Monroe	KS	Cowley
IA	Clarke	IA	Montgomery	KS	Crawford
IA	Clay	IA	Muscatine	KS	Decatur
IA	Clayton	IA	O'Brien	KS	Dickinson
IA	Clinton	IA	Osceola	KS	Doniphan
IA	Crawford	IA	Page	KS	Douglas
IA	Dallas	IA	Palo Alto	KS	Edwards
IA	Davis	IA	Plymouth	KS	Elk
IA	Decatur	IA	Pocahontas	KS	Ellis
IA	Delaware	IA	Polk	KS	Ellsworth
IA	Des Moines	IA	Pottawattamie	KS	Finney
IA	Dickinson	IA	Poweshiek	KS	Ford
IA	Dubuque	IA	Ringgold	KS	Franklin
IA	Emmet	IA	Sac	KS	Geary
IA	Fayette	IA	Scott	KS	Gove

State	County Name	State	County Name	State	County Name
KS	Graham	KS	Rooks	KY	Clay
KS	Grant	KS	Rush	KY	Clinton
KS	Gray	KS	Russell	KY	Crittenden
KS	Greeley	KS	Saline	KY	Cumberland
KS	Greenwood	KS	Scott	KY	Daviess
KS	Hamilton	KS	Sedgwick	KY	Edmonson
KS	Harper	KS	Seward	KY	Elliott
KS	Harvey	KS	Shawnee	KY	Estill
KS	Haskell	KS	Sheridan	KY	Fayette
KS	Hodgeman	KS	Sherman	KY	Fleming
KS	Jackson	KS	Smith	KY	Floyd
KS	Jefferson	KS	Stafford	KY	Franklin
KS	Jewell	KS	Stanton	KY	Fulton
KS	Johnson	KS	Stevens	KY	Gallatin
KS	Kearny	KS	Sumner	KY	Garrard
KS	Kingman	KS	Thomas	KY	Grant
KS	Kiowa	KS	Trego	KY	Graves
KS	Labette	KS	Wabaunsee	KY	Grayson
KS	Lane	KS	Wallace	KY	Green
KS	Leavenworth	KS	Washington	KY	Greenup
KS	Lincoln	KS	Wichita	KY	Hancock
KS	Linn	KS	Wilson	KY	Hardin
KS	Logan	KS	Woodson	KY	Harlan
KS	Lyon	KS	Wyandotte	KY	Harrison
KS	Marion	KY	Adair	KY	Hart
KS	Marshall	KY	Allen	KY	Henderson
KS	McPherson	KY	Anderson	KY	Henry
KS	Meade	KY	Ballard	KY	Hickman
KS	Miami	KY	Barren	KY	Hopkins
KS	Mitchell	KY	Bath	KY	Jackson
KS	Montgomery	KY	Bell	KY	Jefferson
KS	Morris	KY	Boone	KY	Jessamine
KS	Morton	KY	Bourbon	KY	Johnson
KS	Nemaha	KY	Boyd	KY	Kenton
KS	Neosho	KY	Boyle	KY	Knott
KS	Ness	KY	Bracken	KY	Knox
KS	Norton	KY	Breathitt	KY	Larue
KS	Osage	KY	Breckinridge	KY	Laurel
KS	Osborne	KY	Bullitt	KY	Lawrence
KS	Ottawa	KY	Butler	KY	Lee
KS	Pawnee	KY	Caldwell	KY	Leslie
KS	Phillips	KY	Calloway	KY	Letcher
KS	Pottawatomie	KY	Campbell	KY	Lewis
KS	Pratt	KY	Carlisle	KY	Lincoln
KS	Rawlins	KY	Carroll	KY	Livingston
KS	Reno	KY	Carter	KY	Logan
KS	Republic	KY	Casey	KY	Lyon
KS	Rice	KY	Christian	KY	Madison
KS	Riley	KY	Clark	KY	Magoffin

State	County Name	State	County Name	State	County Name
KY	Marion	LA	Assumption	LA	Tangipahoa
KY	Marshall	LA	Avoyelles	LA	Tensas
KY	Martin	LA	Beauregard	LA	Terrebonne
KY	Mason	LA	Bienville	LA	Union
KY	McCracken	LA	Bossier	LA	Vermilion
KY	McCreary	LA	Caddo	LA	Vernon
KY	McLean	LA	Calcasieu	LA	Washington
KY	Meade	LA	Caldwell	LA	Webster
KY	Menifee	LA	Cameron	LA	West Baton Rouge
KY	Mercer	LA	Catahoula	LA	West Carroll
KY	Metcalfe	LA	Claiborne	LA	West Feliciana
KY	Monroe	LA	Concordia	LA	Winn
KY	Montgomery	LA	De Soto	ME	Androscoggin
KY	Morgan	LA	East Baton Rouge	ME	Aroostook
KY	Muhlenberg	LA	East Carroll	ME	Cumberland
KY	Nelson	LA	East Feliciana	ME	Franklin
KY	Nicholas	LA	Evangeline	ME	Hancock
KY	Ohio	LA	Franklin	ME	Kennebec
KY	Oldham	LA	Grant	ME	Knox
KY	Owen	LA	Iberia	ME	Lincoln
KY	Owsley	LA	Iberville	ME	Oxford
KY	Pendleton	LA	Jackson	ME	Penobscot
KY	Perry	LA	Jefferson	ME	Piscataquis
KY	Pike	LA	Jefferson Davis	ME	Sagadahoc
KY	Powell	LA	La Salle	ME	Somerset
KY	Pulaski	LA	Lafayette	ME	Waldo
KY	Robertson	LA	Lafourche	ME	Washington
KY	Rockcastle	LA	Lincoln	ME	York
KY	Rowan	LA	Livingston	MD	Allegany
KY	Russell	LA	Madison	MD	Anne Arundel
KY	Scott	LA	Morehouse	MD	Baltimore
KY	Shelby	LA	Natchitoches	MD	Baltimore City
KY	Simpson	LA	Orleans	MD	Calvert
KY	Spencer	LA	Ouachita	MD	Caroline
KY	Taylor	LA	Plaquemines	MD	Carroll
KY	Todd	LA	Pointe Coupee	MD	Cecil
KY	Trigg	LA	Rapides	MD	Charles
KY	Trimble	LA	Red River	MD	Dorchester
KY	Union	LA	Richland	MD	Frederick
KY	Warren	LA	Sabine	MD	Garrett
KY	Washington	LA	Saint Bernard	MD	Harford
KY	Wayne	LA	Saint Charles	MD	Howard
KY	Webster	LA	Saint Helena	MD	Kent
KY	Whitley	LA	Saint James	MD	Montgomery
KY	Wolfe	LA	Saint John the Bapti	MD	Prince Georges
KY	Woodford	LA	Saint Landry	MD	Queen Annes
LA	Acadia	LA	Saint Martin	MD	Saint Marys
LA	Allen	LA	Saint Mary	MD	Somerset
LA	Ascension	LA	Saint Tammany	MD	Talbot

State	County Name	State	County Name	State	County Name
MD	Washington	MI	Ingham	MI	Wayne
MD	Wicomico	MI	Ionia	MI	Wexford
MD	Worcester	MI	Iosco	MN	Aitkin
MA	Barnstable	MI	Iron	MN	Anoka
MA	Berkshire	MI	Isabella	MN	Becker
MA	Bristol	MI	Jackson	MN	Beltrami
MA	Dukes	MI	Kalamazoo	MN	Benton
MA	Essex	MI	Kalkaska	MN	Big Stone
MA	Franklin	MI	Kent	MN	Blue Earth
MA	Hampden	MI	Keweenaw	MN	Brown
MA	Hampshire	MI	Lake	MN	Carlton
MA	Middlesex	MI	Lapeer	MN	Carver
MA	Nantucket	MI	Leelanau	MN	Cass
MA	Norfolk	MI	Lenawee	MN	Chippewa
MA	Plymouth	MI	Livingston	MN	Chisago
MA	Suffolk	MI	Luce	MN	Clay
MA	Worcester	MI	Mackinac	MN	Clearwater
MI	Alcona	MI	Macomb	MN	Cook
MI	Alger	MI	Manistee	MN	Cottonwood
MI	Allegan	MI	Marquette	MN	Crow Wing
MI	Alpena	MI	Mason	MN	Dakota
MI	Antrim	MI	Mecosta	MN	Dodge
MI	Arenac	MI	Menominee	MN	Douglas
MI	Baraga	MI	Midland	MN	Faribault
MI	Barry	MI	Missaukee	MN	Fillmore
MI	Bay	MI	Monroe	MN	Freeborn
MI	Benzie	MI	Montcalm	MN	Goodhue
MI	Berrien	MI	Montmorency	MN	Grant
MI	Branch	MI	Muskegon	MN	Hennepin
MI	Calhoun	MI	Newaygo	MN	Houston
MI	Cass	MI	Oakland	MN	Hubbard
MI	Charlevoix	MI	Oceana	MN	Isanti
MI	Cheboygan	MI	Ogemaw	MN	Itasca
MI	Chippewa	MI	Ontonagon	MN	Jackson
MI	Clare	MI	Osceola	MN	Kanabec
MI	Clinton	MI	Oscoda	MN	Kandiyohi
MI	Crawford	MI	Otsego	MN	Kittson
MI	Delta	MI	Ottawa	MN	Koochiching
MI	Dickinson	MI	Presque Isle	MN	Lac Qui Parle
MI	Eaton	MI	Roscommon	MN	Lake
MI	Emmet	MI	Saginaw	MN	Lake of the Woods
MI	Genesee	MI	Saint Clair	MN	Le Sueur
MI	Gladwin	MI	Saint Joseph	MN	Lincoln
MI	Gogebic	MI	Sanilac	MN	Lyon
MI	Grand Traverse	MI	Schoolcraft	MN	Mahnomen
MI	Gratiot	MI	Shiawassee	MN	Marshall
MI	Hillsdale	MI	Tuscola	MN	Martin
MI	Houghton	MI	Van Buren	MN	McLeod
MI	Huron	MI	Washtenaw	MN	Meeker

State	County Name	State	County Name	State	County Name
MN	Mille Lacs	MS	Choctaw	MS	Prentiss
MN	Morrison	MS	Claiborne	MS	Quitman
MN	Mower	MS	Clarke	MS	Rankin
MN	Murray	MS	Clay	MS	Scott
MN	Nicollet	MS	Coahoma	MS	Sharkey
MN	Nobles	MS	Copiah	MS	Simpson
MN	Norman	MS	Covington	MS	Smith
MN	Olmsted	MS	De Soto	MS	Stone
MN	Otter Tail	MS	Forrest	MS	Sunflower
MN	Pennington	MS	Franklin	MS	Tallahatchie
MN	Pine	MS	George	MS	Tate
MN	Pipestone	MS	Greene	MS	Tippah
MN	Polk	MS	Grenada	MS	Tishomingo
MN	Pope	MS	Hancock	MS	Tunica
MN	Ramsey	MS	Harrison	MS	Union
MN	Red Lake	MS	Hinds	MS	Walthall
MN	Redwood	MS	Holmes	MS	Warren
MN	Renville	MS	Humphreys	MS	Washington
MN	Rice	MS	Issaquena	MS	Wayne
MN	Rock	MS	Itawamba	MS	Webster
MN	Roseau	MS	Jackson	MS	Wilkinson
MN	Saint Louis	MS	Jasper	MS	Winston
MN	Scott	MS	Jefferson	MS	Yalobusha
MN	Sherburne	MS	Jefferson Davis	MS	Yazoo
MN	Sibley	MS	Jones	MO	Adair
MN	Stearns	MS	Kemper	MO	Andrew
MN	Steele	MS	Lafayette	MO	Atchison
MN	Stevens	MS	Lamar	MO	Audrain
MN	Swift	MS	Lauderdale	MO	Barry
MN	Todd	MS	Lawrence	MO	Barton
MN	Traverse	MS	Leake	MO	Bates
MN	Wabasha	MS	Lee	MO	Benton
MN	Wadena	MS	Leflore	MO	Bollinger
MN	Waseca	MS	Lincoln	MO	Boone
MN	Washington	MS	Lowndes	MO	Buchanan
MN	Watonwan	MS	Madison	MO	Butler
MN	Wilkin	MS	Marion	MO	Caldwell
MN	Winona	MS	Marshall	MO	Callaway
MN	Wright	MS	Monroe	MO	Camden
MN	Yellow Medicine	MS	Montgomery	MO	Cape Girardeau
MS	Adams	MS	Neshoba	MO	Carroll
MS	Alcorn	MS	Newton	MO	Carter
MS	Amite	MS	Noxubee	MO	Cass
MS	Attala	MS	Oktibbeha	MO	Cedar
MS	Benton	MS	Panola	MO	Chariton
MS	Bolivar	MS	Pearl River	MO	Christian
MS	Calhoun	MS	Perry	MO	Clark
MS	Carroll	MS	Pike	MO	Clay
MS	Chickasaw	MS	Pontotoc	MO	Clinton

State	County Name	State	County Name	State	County Name
MO	Cole	MO	Oregon	MT	Custer
MO	Cooper	MO	Osage	MT	Daniels
MO	Crawford	MO	Ozark	MT	Dawson
MO	Dade	MO	Pemiscot	MT	Deer Lodge
MO	Dallas	MO	Perry	MT	Fallon
MO	Daviess	MO	Pettis	MT	Fergus
MO	De Kalb	MO	Phelps	MT	Flathead
MO	Dent	MO	Pike	MT	Gallatin
MO	Douglas	MO	Platte	MT	Garfield
MO	Dunklin	MO	Polk	MT	Glacier
MO	Franklin	MO	Pulaski	MT	Golden Valley
MO	Gasconade	MO	Putnam	MT	Granite
MO	Gentry	MO	Ralls	MT	Hill
MO	Greene	MO	Randolph	MT	Jefferson
MO	Grundy	MO	Ray	MT	Judith Basin
MO	Harrison	MO	Reynolds	MT	Lake
MO	Henry	MO	Ripley	MT	Lewis And Clark
MO	Hickory	MO	Saint Charles	MT	Liberty
MO	Holt	MO	Saint Clair	MT	Lincoln
MO	Howard	MO	Saint Francois	MT	Madison
MO	Howell	MO	Saint Louis	MT	McCone
MO	Iron	MO	Saint Louis City	MT	Meagher
MO	Jackson	MO	Sainte Genevieve	MT	Mineral
MO	Jasper	MO	Saline	MT	Missoula
MO	Jefferson	MO	Schuyler	MT	Musselshell
MO	Johnson	MO	Scotland	MT	Park
MO	Knox	MO	Scott	MT	Petroleum
MO	Laclede	MO	Shannon	MT	Phillips
MO	Lafayette	MO	Shelby	MT	Pondera
MO	Lawrence	MO	Stoddard	MT	Powder River
MO	Lewis	MO	Stone	MT	Powell
MO	Lincoln	MO	Sullivan	MT	Prairie
MO	Linn	MO	Taney	MT	Ravalli
MO	Livingston	MO	Texas	MT	Richland
MO	Macon	MO	Vernon	MT	Roosevelt
MO	Madison	MO	Warren	MT	Rosebud
MO	Maries	MO	Washington	MT	Sanders
MO	Marion	MO	Wayne	MT	Sheridan
MO	McDonald	MO	Webster	MT	Silver Bow
MO	Mercer	MO	Worth	MT	Stillwater
MO	Miller	MO	Wright	MT	Sweet Grass
MO	Mississippi	MT	Beaverhead	MT	Teton
MO	Moniteau	MT	Big Horn	MT	Toole
MO	Monroe	MT	Blaine	MT	Treasure
MO	Montgomery	MT	Broadwater	MT	Valley
MO	Morgan	MT	Carbon	MT	Wheatland
MO	New Madrid	MT	Carter	MT	Wibaux
MO	Newton	MT	Cascade	MT	Yellowstone
MO	Nodaway	MT	Chouteau	MT	Yellowstone Natl Park

State	County Name	State	County Name	State	County Name
NE	Adams	NE	Kearney	NV	Esmeralda
NE	Antelope	NE	Keith	NV	Eureka
NE	Arthur	NE	Keya Paha	NV	Humboldt
NE	Banner	NE	Kimball	NV	Lander
NE	Blaine	NE	Knox	NV	Lincoln
NE	Boone	NE	Lancaster	NV	Lyon
NE	Box Butte	NE	Lincoln	NV	Mineral
NE	Boyd	NE	Logan	NV	Nye
NE	Brown	NE	Loup	NV	Pershing
NE	Buffalo	NE	Madison	NV	Storey
NE	Burt	NE	McPherson	NV	Washoe
NE	Butler	NE	Merrick	NV	White Pine
NE	Cass	NE	Morrill	NH	Belknap
NE	Cedar	NE	Nance	NH	Carroll
NE	Chase	NE	Nemaha	NH	Cheshire
NE	Cherry	NE	Nuckolls	NH	Coos
NE	Cheyenne	NE	Otoe	NH	Grafton
NE	Clay	NE	Pawnee	NH	Hillsborough
NE	Colfax	NE	Perkins	NH	Merrimack
NE	Cuming	NE	Phelps	NH	Rockingham
NE	Custer	NE	Pierce	NH	Strafford
NE	Dakota	NE	Platte	NH	Sullivan
NE	Dawes	NE	Polk	NJ	Atlantic
NE	Dawson	NE	Red Willow	NJ	Bergen
NE	Deuel	NE	Richardson	NJ	Burlington
NE	Dixon	NE	Rock	NJ	Camden
NE	Dodge	NE	Saline	NJ	Cape May
NE	Douglas	NE	Sarpy	NJ	Cumberland
NE	Dundy	NE	Saunders	NJ	Essex
NE	Fillmore	NE	Scotts Bluff	NJ	Gloucester
NE	Franklin	NE	Seward	NJ	Hudson
NE	Frontier	NE	Sheridan	NJ	Hunterdon
NE	Furnas	NE	Sherman	NJ	Mercer
NE	Gage	NE	Sioux	NJ	Middlesex
NE	Garden	NE	Stanton	NJ	Monmouth
NE	Garfield	NE	Thayer	NJ	Morris
NE	Gosper	NE	Thomas	NJ	Ocean
NE	Grant	NE	Thurston	NJ	Passaic
NE	Greeley	NE	Valley	NJ	Salem
NE	Hall	NE	Washington	NJ	Somerset
NE	Hamilton	NE	Wayne	NJ	Sussex
NE	Harlan	NE	Webster	NJ	Union
NE	Hayes	NE	Wheeler	NJ	Warren
NE	Hitchcock	NE	York	NM	Bernalillo
NE	Holt	NV	Carson City	NM	Catron
NE	Hooker	NV	Churchill	NM	Chaves
NE	Howard	NV	Clark	NM	Cibola
NE	Jefferson	NV	Douglas	NM	Colfax
NE	Johnson	NV	Elko	NM	Curry

State	County Name	State	County Name	State	County Name
NM	De Baca	NY	Jefferson	NC	Brunswick
NM	Dona Ana	NY	Kings	NC	Buncombe
NM	Eddy	NY	Lewis	NC	Burke
NM	Grant	NY	Livingston	NC	Cabarrus
NM	Guadalupe	NY	Madison	NC	Caldwell
NM	Harding	NY	Monroe	NC	Camden
NM	Hidalgo	NY	Montgomery	NC	Carteret
NM	Lea	NY	Nassau	NC	Caswell
NM	Lincoln	NY	New York	NC	Catawba
NM	Los Alamos	NY	Niagara	NC	Chatham
NM	Luna	NY	Oneida	NC	Cherokee
NM	McKinley	NY	Onondaga	NC	Chowan
NM	Mora	NY	Ontario	NC	Clay
NM	Otero	NY	Orange	NC	Cleveland
NM	Quay	NY	Orleans	NC	Columbus
NM	Rio Arriba	NY	Oswego	NC	Craven
NM	Roosevelt	NY	Otsego	NC	Cumberland
NM	San Juan	NY	Putnam	NC	Currituck
NM	San Miguel	NY	Queens	NC	Dare
NM	Sandoval	NY	Rensselaer	NC	Davidson
NM	Santa Fe	NY	Richmond	NC	Davie
NM	Sierra	NY	Rockland	NC	Duplin
NM	Socorro	NY	Saint Lawrence	NC	Durham
NM	Taos	NY	Saratoga	NC	Edgecombe
NM	Torrance	NY	Schenectady	NC	Forsyth
NM	Union	NY	Schoharie	NC	Franklin
NM	Valencia	NY	Schuyler	NC	Gaston
NY	Albany	NY	Seneca	NC	Gates
NY	Allegany	NY	Steuben	NC	Graham
NY	Bronx	NY	Suffolk	NC	Granville
NY	Broome	NY	Sullivan	NC	Greene
NY	Cattaraugus	NY	Tioga	NC	Guilford
NY	Cayuga	NY	Tompkins	NC	Halifax
NY	Chautauqua	NY	Ulster	NC	Harnett
NY	Chemung	NY	Warren	NC	Haywood
NY	Chenango	NY	Washington	NC	Henderson
NY	Clinton	NY	Wayne	NC	Hertford
NY	Columbia	NY	Westchester	NC	Hoke
NY	Cortland	NY	Wyoming	NC	Hyde
NY	Delaware	NY	Yates	NC	Iredell
NY	Dutchess	NC	Alamance	NC	Jackson
NY	Erie	NC	Alexander	NC	Johnston
NY	Essex	NC	Alleghany	NC	Jones
NY	Franklin	NC	Anson	NC	Lee
NY	Fulton	NC	Ashe	NC	Lenoir
NY	Genesee	NC	Avery	NC	Lincoln
NY	Greene	NC	Beaufort	NC	Macon
NY	Hamilton	NC	Bertie	NC	Madison
NY	Herkimer	NC	Bladen	NC	Martin

State	County Name	State	County Name	State	County Name
NC	McDowell	ND	Burleigh	OH	Ashtabula
NC	Mecklenburg	ND	Cass	OH	Athens
NC	Mitchell	ND	Cavalier	OH	Auglaize
NC	Montgomery	ND	Dickey	OH	Belmont
NC	Moore	ND	Divide	OH	Brown
NC	Nash	ND	Dunn	OH	Butler
NC	New Hanover	ND	Eddy	OH	Carroll
NC	Northampton	ND	Emmons	OH	Champaign
NC	Onslow	ND	Foster	OH	Clark
NC	Orange	ND	Golden Valley	OH	Clermont
NC	Pamlico	ND	Grand Forks	OH	Clinton
NC	Pasquotank	ND	Grant	OH	Columbiana
NC	Pender	ND	Griggs	OH	Coshocton
NC	Perquimans	ND	Hettinger	OH	Crawford
NC	Person	ND	Kidder	OH	Cuyahoga
NC	Pitt	ND	La Moure	OH	Darke
NC	Polk	ND	Logan	OH	Defiance
NC	Randolph	ND	McHenry	OH	Delaware
NC	Richmond	ND	McIntosh	OH	Erie
NC	Robeson	ND	McKenzie	OH	Fairfield
NC	Rockingham	ND	McLean	OH	Fayette
NC	Rowan	ND	Mercer	OH	Franklin
NC	Rutherford	ND	Morton	OH	Fulton
NC	Sampson	ND	Mountrail	OH	Gallia
NC	Scotland	ND	Nelson	OH	Geauga
NC	Stanly	ND	Oliver	OH	Greene
NC	Stokes	ND	Pembina	OH	Guernsey
NC	Surry	ND	Pierce	OH	Hamilton
NC	Swain	ND	Ramsey	OH	Hancock
NC	Transylvania	ND	Ransom	OH	Hardin
NC	Tyrrell	ND	Renville	OH	Harrison
NC	Union	ND	Richland	OH	Henry
NC	Vance	ND	Rolette	OH	Highland
NC	Wake	ND	Sargent	OH	Hocking
NC	Warren	ND	Sheridan	OH	Holmes
NC	Washington	ND	Sioux	OH	Huron
NC	Watauga	ND	Slope	OH	Jackson
NC	Wayne	ND	Stark	OH	Jefferson
NC	Wilkes	ND	Steele	OH	Knox
NC	Wilson	ND	Stutsman	OH	Lake
NC	Yadkin	ND	Towner	OH	Lawrence
NC	Yancey	ND	Traill	OH	Licking
ND	Adams	ND	Walsh	OH	Logan
ND	Barnes	ND	Ward	OH	Lorain
ND	Benson	ND	Wells	OH	Lucas
ND	Billings	ND	Williams	OH	Madison
ND	Bottineau	OH	Adams	OH	Mahoning
ND	Bowman	OH	Allen	OH	Marion
ND	Burke	OH	Ashland	OH	Medina

State	County Name	State	County Name	State	County Name
OH	Meigs	OK	Cleveland	OK	Pottawatomie
OH	Mercer	OK	Coal	OK	Pushmataha
OH	Miami	OK	Comanche	OK	Roger Mills
OH	Monroe	OK	Cotton	OK	Rogers
OH	Montgomery	OK	Craig	OK	Seminole
OH	Morgan	OK	Creek	OK	Sequoyah
OH	Morrow	OK	Custer	OK	Stephens
OH	Muskingum	OK	Delaware	OK	Texas
OH	Noble	OK	Dewey	OK	Tillman
OH	Ottawa	OK	Ellis	OK	Tulsa
OH	Paulding	OK	Garfield	OK	Wagoner
OH	Perry	OK	Garvin	OK	Washington
OH	Pickaway	OK	Grady	OK	Washita
OH	Pike	OK	Grant	OK	Woods
OH	Portage	OK	Greer	OK	Woodward
OH	Preble	OK	Harmon	OR	Baker
OH	Putnam	OK	Harper	OR	Benton
OH	Richland	OK	Haskell	OR	Clackamas
OH	Ross	OK	Hughes	OR	Clatsop
OH	Sandusky	OK	Jackson	OR	Columbia
OH	Scioto	OK	Jefferson	OR	Coos
OH	Seneca	OK	Johnston	OR	Crook
OH	Shelby	OK	Kay	OR	Curry
OH	Stark	OK	Kingfisher	OR	Deschutes
OH	Summit	OK	Kiowa	OR	Douglas
OH	Trumbull	OK	Latimer	OR	Gilliam
OH	Tuscarawas	OK	Le Flore	OR	Grant
OH	Union	OK	Lincoln	OR	Harney
OH	Van Wert	OK	Logan	OR	Hood River
OH	Vinton	OK	Love	OR	Jackson
OH	Warren	OK	Major	OR	Jefferson
OH	Washington	OK	Marshall	OR	Josephine
OH	Wayne	OK	Mayes	OR	Klamath
OH	Williams	OK	McClain	OR	Lake
OH	Wood	OK	McCurtain	OR	Lane
OH	Wyandot	OK	McIntosh	OR	Lincoln
OK	Adair	OK	Murray	OR	Linn
OK	Alfalfa	OK	Muskogee	OR	Malheur
OK	Atoka	OK	Noble	OR	Marion
OK	Beaver	OK	Nowata	OR	Morrow
OK	Beckham	OK	Okfuskee	OR	Multnomah
OK	Blaine	OK	Oklahoma	OR	Polk
OK	Bryan	OK	Okmulgee	OR	Sherman
OK	Caddo	OK	Osage	OR	Tillamook
OK	Canadian	OK	Ottawa	OR	Umatilla
OK	Carter	OK	Pawnee	OR	Union
OK	Cherokee	OK	Payne	OR	Wallowa
OK	Choctaw	OK	Pittsburg	OR	Wasco
OK	Cimarron	OK	Pontotoc	OR	Washington

State	County Name	State	County Name	State	County Name
OR	Wheeler	PA	Northampton	SC	Hampton
OR	Yamhill	PA	Northumberland	SC	Horry
PA	Adams	PA	Perry	SC	Jasper
PA	Allegheny	PA	Philadelphia	SC	Kershaw
PA	Armstrong	PA	Pike	SC	Lancaster
PA	Beaver	PA	Potter	SC	Laurens
PA	Bedford	PA	Schuylkill	SC	Lee
PA	Berks	PA	Snyder	SC	Lexington
PA	Blair	PA	Somerset	SC	Marion
PA	Bradford	PA	Sullivan	SC	Marlboro
PA	Bucks	PA	Susquehanna	SC	McCormick
PA	Butler	PA	Tioga	SC	Newberry
PA	Cambria	PA	Union	SC	Oconee
PA	Cameron	PA	Venango	SC	Orangeburg
PA	Carbon	PA	Warren	SC	Pickens
PA	Centre	PA	Washington	SC	Richland
PA	Chester	PA	Wayne	SC	Saluda
PA	Clarion	PA	Westmoreland	SC	Spartanburg
PA	Clearfield	PA	Wyoming	SC	Sumter
PA	Clinton	PA	York	SC	Union
PA	Columbia	RI	Bristol	SC	Williamsburg
PA	Crawford	RI	Kent	SC	York
PA	Cumberland	RI	Newport	SD	Armstrong
PA	Dauphin	RI	Providence	SD	Aurora
PA	Delaware	RI	Washington	SD	Beadle
PA	Elk	SC	Abbeville	SD	Bennett
PA	Erie	SC	Aiken	SD	Bon Homme
PA	Fayette	SC	Allendale	SD	Brookings
PA	Forest	SC	Anderson	SD	Brown
PA	Franklin	SC	Bamberg	SD	Brule
PA	Fulton	SC	Barnwell	SD	Buffalo
PA	Greene	SC	Beaufort	SD	Butte
PA	Huntingdon	SC	Berkeley	SD	Campbell
PA	Indiana	SC	Calhoun	SD	Charles Mix
PA	Jefferson	SC	Charleston	SD	Clark
PA	Juniata	SC	Cherokee	SD	Clay
PA	Lackawanna	SC	Chester	SD	Codington
PA	Lancaster	SC	Chesterfield	SD	Corson
PA	Lawrence	SC	Clarendon	SD	Custer
PA	Lebanon	SC	Colleton	SD	Davison
PA	Lehigh	SC	Darlington	SD	Day
PA	Luzerne	SC	Dillon	SD	Deuel
PA	Lycoming	SC	Dorchester	SD	Dewey
PA	McKean	SC	Edgefield	SD	Douglas
PA	Mercer	SC	Fairfield	SD	Edmunds
PA	Mifflin	SC	Florence	SD	Fall River
PA	Monroe	SC	Georgetown	SD	Faulk
PA	Montgomery	SC	Greenville	SD	Grant
PA	Montour	SC	Greenwood	SD	Gregory

State	County Name	State	County Name	State	County Name
SD	Haakon	TN	Carroll	TN	Maury
SD	Hamlin	TN	Carter	TN	McMinn
SD	Hand	TN	Cheatham	TN	McNairy
SD	Hanson	TN	Chester	TN	Meigs
SD	Harding	TN	Claiborne	TN	Monroe
SD	Hughes	TN	Clay	TN	Montgomery
SD	Hutchinson	TN	Cocke	TN	Moore
SD	Hyde	TN	Coffee	TN	Morgan
SD	Jackson	TN	Crockett	TN	Obion
SD	Jerauld	TN	Cumberland	TN	Overton
SD	Jones	TN	Davidson	TN	Perry
SD	Kingsbury	TN	De Kalb	TN	Pickett
SD	Lake	TN	Decatur	TN	Polk
SD	Lawrence	TN	Dickson	TN	Putnam
SD	Lincoln	TN	Dyer	TN	Rhea
SD	Lyman	TN	Fayette	TN	Roane
SD	Marshall	TN	Fentress	TN	Robertson
SD	McCook	TN	Franklin	TN	Rutherford
SD	McPherson	TN	Gibson	TN	Scott
SD	Meade	TN	Giles	TN	Sequatchie
SD	Mellette	TN	Grainger	TN	Sevier
SD	Miner	TN	Greene	TN	Shelby
SD	Minnehaha	TN	Grundy	TN	Smith
SD	Moody	TN	Hamblen	TN	Stewart
SD	Pennington	TN	Hamilton	TN	Sullivan
SD	Perkins	TN	Hancock	TN	Sumner
SD	Potter	TN	Hardeman	TN	Tipton
SD	Roberts	TN	Hardin	TN	Trousdale
SD	Sanborn	TN	Hawkins	TN	Unicoi
SD	Shannon	TN	Haywood	TN	Union
SD	Spink	TN	Henderson	TN	Van Buren
SD	Stanley	TN	Henry	TN	Warren
SD	Sully	TN	Hickman	TN	Washington
SD	Todd	TN	Houston	TN	Wayne
SD	Tripp	TN	Humphreys	TN	Weakley
SD	Turner	TN	Jackson	TN	White
SD	Union	TN	Jefferson	TN	Williamson
SD	Walworth	TN	Johnson	TN	Wilson
SD	Washington	TN	Knox	TX	Anderson
SD	Yankton	TN	Lake	TX	Andrews
SD	Ziebach	TN	Lauderdale	TX	Angelina
TN	Anderson	TN	Lawrence	TX	Aransas
TN	Bedford	TN	Lewis	TX	Archer
TN	Benton	TN	Lincoln	TX	Armstrong
TN	Bledsoe	TN	Loudon	TX	Atascosa
TN	Blount	TN	Macon	TX	Austin
TN	Bradley	TN	Madison	TX	Bailey
TN	Campbell	TN	Marion	TX	Bandera
TN	Cannon	TN	Marshall	TX	Bastrop

State	County Name	State	County Name	State	County Name
TX	Baylor	TX	Delta	TX	Hockley
TX	Bee	TX	Denton	TX	Hood
TX	Bell	TX	Dickens	TX	Hopkins
TX	Bexar	TX	Dimmit	TX	Houston
TX	Blanco	TX	Donley	TX	Howard
TX	Borden	TX	Duval	TX	Hudspeth
TX	Bosque	TX	Eastland	TX	Hunt
TX	Bowie	TX	Ector	TX	Hutchinson
TX	Brazoria	TX	Edwards	TX	Irion
TX	Brazos	TX	El Paso	TX	Jack
TX	Brewster	TX	Ellis	TX	Jackson
TX	Briscoe	TX	Erath	TX	Jasper
TX	Brooks	TX	Falls	TX	Jeff Davis
TX	Brown	TX	Fannin	TX	Jefferson
TX	Burleson	TX	Fayette	TX	Jim Hogg
TX	Burnet	TX	Fisher	TX	Jim Wells
TX	Caldwell	TX	Floyd	TX	Johnson
TX	Calhoun	TX	Foard	TX	Jones
TX	Callahan	TX	Fort Bend	TX	Karnes
TX	Cameron	TX	Franklin	TX	Kaufman
TX	Camp	TX	Freestone	TX	Kendall
TX	Carson	TX	Frio	TX	Kenedy
TX	Cass	TX	Gaines	TX	Kent
TX	Castro	TX	Galveston	TX	Kerr
TX	Chambers	TX	Garza	TX	Kimble
TX	Cherokee	TX	Gillespie	TX	King
TX	Childress	TX	Glasscock	TX	Kinney
TX	Clay	TX	Goliad	TX	Kleberg
TX	Cochran	TX	Gonzales	TX	Knox
TX	Coke	TX	Gray	TX	La Salle
TX	Coleman	TX	Grayson	TX	Lamar
TX	Collin	TX	Gregg	TX	Lamb
TX	Collingsworth	TX	Grimes	TX	Lampasas
TX	Colorado	TX	Guadalupe	TX	Lavaca
TX	Comal	TX	Hale	TX	Lee
TX	Comanche	TX	Hall	TX	Leon
TX	Concho	TX	Hamilton	TX	Liberty
TX	Cooke	TX	Hansford	TX	Limestone
TX	Coryell	TX	Hardeman	TX	Lipscomb
TX	Cottle	TX	Hardin	TX	Live Oak
TX	Crane	TX	Harris	TX	Llano
TX	Crockett	TX	Harrison	TX	Loving
TX	Crosby	TX	Hartley	TX	Lubbock
TX	Culberson	TX	Haskell	TX	Lynn
TX	Dallam	TX	Hays	TX	Madison
TX	Dallas	TX	Hemphill	TX	Marion
TX	Dawson	TX	Henderson	TX	Martin
TX	De Witt	TX	Hidalgo	TX	Mason
TX	Deaf Smith	TX	Hill	TX	Matagorda

State	County Name	State	County Name	State	County Name
TX	Maverick	TX	Scurry	UT	Cache
TX	McCulloch	TX	Shackelford	UT	Carbon
TX	McLennan	TX	Shelby	UT	Daggett
TX	McMullen	TX	Sherman	UT	Davis
TX	Medina	TX	Smith	UT	Duchesne
TX	Menard	TX	Somervell	UT	Emery
TX	Midland	TX	Starr	UT	Garfield
TX	Milam	TX	Stephens	UT	Grand
TX	Mills	TX	Sterling	UT	Iron
TX	Mitchell	TX	Stonewall	UT	Juab
TX	Montague	TX	Sutton	UT	Kane
TX	Montgomery	TX	Swisher	UT	Millard
TX	Moore	TX	Tarrant	UT	Morgan
TX	Morris	TX	Taylor	UT	Piute
TX	Motley	TX	Terrell	UT	Rich
TX	Nacogdoches	TX	Terry	UT	Salt Lake
TX	Navarro	TX	Throckmorton	UT	San Juan
TX	Newton	TX	Titus	UT	Sanpete
TX	Nolan	TX	Tom Green	UT	Sevier
TX	Nueces	TX	Travis	UT	Summit
TX	Ochiltree	TX	Trinity	UT	Tooele
TX	Oldham	TX	Tyler	UT	Uintah
TX	Orange	TX	Upshur	UT	Utah
TX	Palo Pinto	TX	Upton	UT	Wasatch
TX	Panola	TX	Uvalde	UT	Washington
TX	Parker	TX	Val Verde	UT	Wayne
TX	Parmer	TX	Van Zandt	UT	Weber
TX	Pecos	TX	Victoria	VT	Addison
TX	Polk	TX	Walker	VT	Bennington
TX	Potter	TX	Waller	VT	Caledonia
TX	Presidio	TX	Ward	VT	Chittenden
TX	Rains	TX	Washington	VT	Essex
TX	Randall	TX	Webb	VT	Franklin
TX	Reagan	TX	Wharton	VT	Grand Isle
TX	Real	TX	Wheeler	VT	Lamoille
TX	Red River	TX	Wichita	VT	Orange
TX	Reeves	TX	Wilbarger	VT	Orleans
TX	Refugio	TX	Willacy	VT	Rutland
TX	Roberts	TX	Williamson	VT	Washington
TX	Robertson	TX	Wilson	VT	Windham
TX	Rockwall	TX	Winkler	VT	Windsor
TX	Runnels	TX	Wise	VA	Accomack
TX	Rusk	TX	Wood	VA	Albemarle
TX	Sabine	TX	Yoakum	VA	Alexandria
TX	San Augustine	TX	Young	VA	Alleghany
TX	San Jacinto	TX	Zapata	VA	Amelia
TX	San Patricio	TX	Zavala	VA	Amherst
TX	San Saba	UT	Beaver	VA	Appomattox
TX	Schleicher	UT	Box Elder	VA	Arlington

State	County Name	State	County Name	State	County Name
VA	Augusta	VA	Hampton	VA	Rappahannock
VA	Bath	VA	Hanover	VA	Richmond
VA	Bedford	VA	Harrisonburg	VA	Richmond
VA	Bedford	VA	Henrico	VA	Roanoke
VA	Bland	VA	Henry	VA	Roanoke
VA	Botetourt	VA	Highland	VA	Rockbridge
VA	Bristol	VA	Hopewell	VA	Rockingham
VA	Brunswick	VA	Isle of Wight	VA	Russell
VA	Buchanan	VA	James City	VA	Salem
VA	Buckingham	VA	King George	VA	Scott
VA	Buena Vista	VA	King William	VA	Shenandoah
VA	Campbell	VA	King and Queen	VA	Smyth
VA	Caroline	VA	Lancaster	VA	South Boston
VA	Carroll	VA	Lee	VA	Southampton
VA	Charles City	VA	Lexington	VA	Spotsylvania
VA	Charlotte	VA	Loudoun	VA	Stafford
VA	Charlottesville	VA	Louisa	VA	Staunton
VA	Chesapeake	VA	Lunenburg	VA	Suffolk
VA	Chesterfield	VA	Lynchburg	VA	Surry
VA	Clarke	VA	Madison	VA	Sussex
VA	Clifton Forge	VA	Manassas	VA	Tazewell
VA	Colonial Heights	VA	Manassas Park	VA	Virginia Beach
VA	Covington	VA	Martinsville	VA	Warren
VA	Craig	VA	Mathews	VA	Washington
VA	Culpeper	VA	Mecklenburg	VA	Waynesboro
VA	Cumberland	VA	Middlesex	VA	Westmoreland
VA	Danville	VA	Montgomery	VA	Williamsburg
VA	Dickenson	VA	Nansemond	VA	Winchester
VA	Dinwiddie	VA	Nelson	VA	Wise
VA	Emporia	VA	New Kent	VA	Wythe
VA	Essex	VA	Newport News	VA	York
VA	Fairfax	VA	Norfolk	WA	Adams
VA	Fairfax	VA	Northampton	WA	Asotin
VA	Falls Church	VA	Northumberland	WA	Benton
VA	Fauquier	VA	Norton	WA	Chelan
VA	Floyd	VA	Nottoway	WA	Clallam
VA	Fluvanna	VA	Orange	WA	Clark
VA	Franklin	VA	Page	WA	Columbia
VA	Franklin	VA	Patrick	WA	Cowlitz
VA	Frederick	VA	Petersburg	WA	Douglas
VA	Fredericksburg	VA	Pittsylvania	WA	Ferry
VA	Galax	VA	Poquoson	WA	Franklin
VA	Giles	VA	Portsmouth	WA	Garfield
VA	Gloucester	VA	Powhatan	WA	Grant
VA	Goochland	VA	Prince Edward	WA	Grays Harbor
VA	Grayson	VA	Prince George	WA	Island
VA	Greene	VA	Prince William	WA	Jefferson
VA	Greensville	VA	Pulaski	WA	King
VA	Halifax	VA	Radford	WA	Kitsap

State	County Name	State	County Name	State	County Name
WA	Kittitas	WV	Mineral	WI	Green
WA	Klickitat	WV	Mingo	WI	Green Lake
WA	Lewis	WV	Monongalia	WI	Iowa
WA	Lincoln	WV	Monroe	WI	Iron
WA	Mason	WV	Morgan	WI	Jackson
WA	Okanogan	WV	Nicholas	WI	Jefferson
WA	Pacific	WV	Ohio	WI	Juneau
WA	Pend Oreille	WV	Pendleton	WI	Kenosha
WA	Pierce	WV	Pleasants	WI	Kewaunee
WA	San Juan	WV	Pocahontas	WI	La Crosse
WA	Skagit	WV	Preston	WI	Lafayette
WA	Skamania	WV	Putnam	WI	Langlade
WA	Snohomish	WV	Raleigh	WI	Lincoln
WA	Spokane	WV	Randolph	WI	Manitowoc
WA	Stevens	WV	Ritchie	WI	Marathon
WA	Thurston	WV	Roane	WI	Marinette
WA	Wahkiakum	WV	Summers	WI	Marquette
WA	Walla Walla	WV	Taylor	WI	Menominee
WA	Whatcom	WV	Tucker	WI	Milwaukee
WA	Whitman	WV	Tyler	WI	Monroe
WA	Yakima	WV	Upshur	WI	Oconto
WV	Barbour	WV	Wayne	WI	Oneida
WV	Berkeley	WV	Webster	WI	Outagamie
WV	Boone	WV	Wetzel	WI	Ozaukee
WV	Braxton	WV	Wirt	WI	Pepin
WV	Brooke	WV	Wood	WI	Pierce
WV	Cabell	WV	Wyoming	WI	Polk
WV	Calhoun	WI	Adams	WI	Portage
WV	Clay	WI	Ashland	WI	Price
WV	Doddridge	WI	Barron	WI	Racine
WV	Fayette	WI	Bayfield	WI	Richland
WV	Gilmer	WI	Brown	WI	Rock
WV	Grant	WI	Buffalo	WI	Rusk
WV	Greenbrier	WI	Burnett	WI	Saint Croix
WV	Hampshire	WI	Calumet	WI	Sauk
WV	Hancock	WI	Chippewa	WI	Sawyer
WV	Hardy	WI	Clark	WI	Shawano
WV	Harrison	WI	Columbia	WI	Sheboygan
WV	Jackson	WI	Crawford	WI	Taylor
WV	Jefferson	WI	Dane	WI	Trempealeau
WV	Kanawha	WI	Dodge	WI	Vernon
WV	Lewis	WI	Door	WI	Vilas
WV	Lincoln	WI	Douglas	WI	Walworth
WV	Logan	WI	Dunn	WI	Washburn
WV	Marion	WI	Eau Claire	WI	Washington
WV	Marshall	WI	Florence	WI	Waukesha
WV	Mason	WI	Fond Du Lac	WI	Waupaca
WV	McDowell	WI	Forest	WI	Waushara
WV	Mercer	WI	Grant	WI	Winnebago

State	County Name	State	County Name	State	County Name
WI	Wood	MH	Kwajalein	PR	Bayamon
WY	Albany	MH	Lae	PR	Cabo Rojo
WY	Big Horn	MH	Lib	PR	Caguas
WY	Campbell	MH	Likiep	PR	Camuy
WY	Carbon	MH	Majuro	PR	Canovanas
WY	Converse	MH	Maloelap	PR	Carolina
WY	Crook	MH	Mejit	PR	Catano
WY	Fremont	MH	Mili	PR	Cayey
WY	Goshen	MH	Namorik	PR	Ceiba
WY	Hot Springs	MH	Namu	PR	Ciales
WY	Johnson	MH	Rongelap	PR	Cidra
WY	Laramie	MH	Rongrik	PR	Coamo
WY	Lincoln	MH	Toke	PR	Comerio
WY	Natrona	MH	Ujae	PR	Corozal
WY	Niobrara	MH	Ujelang	PR	Culebra
WY	Park	MH	Utrik	PR	Dorado
WY	Platte	MH	Wotho	PR	Fajardo
WY	Sheridan	MH	Wotje	PR	Florida
WY	Sublette	MP	Northern Islands	PR	Guanica
WY	Sweetwater	MP	Rota	PR	Guayama
WY	Teton	MP	Saipan	PR	Guayanilla
WY	Uinta	MP	Tinian	PR	Guaynabo
WY	Washakie	PW	Aimeliik	PR	Gurabo
WY	Weston	PW	Airai	PR	Hatillo
AS	Eastern	PW	Angaur	PR	Hormigueros
AS	Manu'a	PW	Kayangel	PR	Humacao
AS	Rose Island	PW	Koror	PR	Isabela
AS	Swains Island	PW	Melekeiok	PR	Jayuya
AS	Western	PW	Ngaraard	PR	Juana Diaz
FM	Kosrae	PW	Ngarchelong	PR	Juncos
FM	Ponape	PW	Ngardmau	PR	Lajas
FM	Truk	PW	Ngaremlengui	PR	Lares
FM	Yap	PW	Ngatpang	PR	Las Marias
GU	Guam	PW	Ngchesar	PR	Las Piedras
MH	Ailinginae	PW	Ngiwal	PR	Loiza
MH	Ailinglaplap	PW	Palau Islands	PR	Luquillo
MH	Ailuk	PW	Peleliu	PR	Manati
MH	Arno	PW	Sonsorol	PR	Maricao
MH	Aur	PW	Tobi	PR	Maunabo
MH	Bikar	PR	Adjuntas	PR	Mayaguez
MH	Bikini	PR	Aguada	PR	Moca
MH	Bokak	PR	Aguadilla	PR	Morovis
MH	Ebon	PR	Aguas Buenas	PR	Naguabo
MH	Enewetak	PR	Aibonito	PR	Naranjito
MH	Erikub	PR	Anasco	PR	Orocovis
MH	Jabat	PR	Arecibo	PR	Patillas
MH	Jaluit	PR	Arroyo	PR	Penuelas
MH	Jemo Island	PR	Barceloneta	PR	Ponce
MH	Kili	PR	Barranquitas	PR	Quebradillas

State	County Name
PR	Rincon
PR	Rio Grande
PR	Sabana Grande
PR	Salinas
PR	San German
PR	San Juan
PR	San Lorenzo
PR	San Sebastian
PR	Santa Isabel
PR	Toa Alta
PR	Toa Baja
PR	Trujillo Alto
PR	Utua
PR	Vega Alta
PR	Vega Baja
PR	Vieques
PR	Villalba
PR	Yabucoa
PR	Yauco
UM	Baker Island
UM	Howland Island
UM	Jarvis Island
UM	Johnston Atoll
UM	Kingman Reef
UM	Midway Islands
UM	Navassa Island
UM	Palmyra Atoll
UM	Wake Island
VI	Saint Croix
VI	Saint John
VI	Saint Thomas

FIELD 12. DETECTION METHOD

Detection Method	Detection Method	Detection Method
Aerial Infrared detection	Coop Agency Patrol	Other Air Observer
Aerial det, type unknown/NR	Coop Agency fire guard	Others
Agency Lookout	Coop patrol aircraft	Passerby
Agency Patrol	Cooperator or Coop employ	Planned Coop
Agency Patrol aircraft	Detector known, unclassified	Resident
Agency Permittee	Fire detected, no alarm	Rover, type unknown/NR
Aircraft in vicinity	Infrared Detect	Roving non-fire patrol
Aircraft on regular route	Neighbor	Roving patrol, not class ab
Auto det, type unknown/NR	Non-Agency Lookout	Satellite detection
Auto detect system w/alarm	Non-Occupant, type unknown/NR	Tenant, permittee
Building/Property guard	Occupant, type unknown/NR	Unclassified detection
Contractor personnel	On duty agency employee	Visitor in area
Coop Agency Lookout	Other Agency Employee	

FIELD 13. STATISTICAL/GENERAL/SPECIFIC CAUSES AND CLASS OF PEOPLE

Statistical Cause	General Cause	Specific Cause	Class of People
1 - Lightning	0 - Other	1 - Lightning	0 - Lightning
2 - Equipment Use	1 - Timber Harvest	2 - Aircraft	1 - Owner
3 - Smoking	2 - Harvest Other Products	3 - Burning Vehicle	2 - Permittee
4 - Campfire	3 - Forest/Range Mgmt	4 - Exhaust-Powersaw	3 - Contractor
5 - Debris Burning	4 - Highway	5 - Exhaust-Other	4 - Public Employee
6 - Railroad	5 - Power, Reclamation	6 - Logging Line	5 - Local Permanent
7 - Arson	6 - Hunting	7 - Brakeshoe	6 - Seasonal
8 - Children	7 - Fishing	8 - Cooking Fire	7 - Transient
9 - Miscellaneous	8 - Other Recreation	9 - Warming Fire	8 - Other
	9 - Resident	10 - Smoking	9 - Visitor
		11 - Trash Burning	
		12 - Burning Dump	
		13 - Field Burning	
		14 - Land Clearing	
		15 - Slash Burning	
		16 - R/W Burning	
		17 - Resource Mgmt Burning	
		18 - Grudge Fire	
		19 - Pyromania	
		20 - Smoking out Bees/Game	
		21 - Insect/Snake Control	
		22 - Job Fire	
		23 - Blasting	
		24 - Burning Building	
		25 - Powerline	
		26 - Fireworks	
		27 - Playing with Matches	
		28 - Repel Predatory Animals	
		29 - Stove Fuel Sparks	
		30 - Other	

FIELD 15. INITIAL STRATEGY

Initial Strategy
Confine
Monitor
Point or Zone Protection
Suppression

FIELD 20C. AND 34. NFDRS FUEL MODEL

NFDRS Fuel Model	NFDRS Fuel Model
A - Western Annual Grasses	L - Western Perennial Grasses
B - Mature Brush (Chaparral)	N - Sawgrass
C - Open Pine w/ Grass	O - High Pocosin
D - Southern Rough	P - Southern Long-Needle Pine
E - Hardwood Litter (Fall/Winter)	Q - Alaska Black Spruce
F - Intermediate Brush	R - Hardwood Litter (Summer)
G - Short-needle Closed, Heavy Dead	S - Tundra
H - Short-needle Closed, Normal Dead	T - Sagebrush w/ Grass
I - Heavy Slash	U - Western Long-Needle Pine
J - Medium Slash	X - Burning vehicle/building
K - Light Slash	

FIELD 24. RESOURCES USED IN INITIAL RESPONSE

Resource	Resource	Resource
0-HISTORICAL	D2-Dozer 2 (Medium)	M1-Miscellaneous
A10-Airtanker retardant gallons	D3-Dozer 3 (Light)	M2-Trencher
A11-Airtanker water gallons	D9-Dozer/Plow (unknown)	M3-Explosives
A1-Air Tanker 1 (3000 gal)	E1-Engine 1 (300 gal ladder)	M4-Prevention Unit (Dry)
A2-Air Tanker 2 (1800 gal)	E2-Engine 2 (300 gal ladder)	P1-Suppression Person
A3-Air Tanker 3 (800 gal)	E3-Engine 3 (500 gal)	P2-Smokeyumper via Parachute
A4-Air Tanker 4 (<800 gal)	E4-Engine 4 (750 gal)	P3-Helitack via Helicopter
A5-Airtanker CL-215/415	E5-Engine 5 (400 gal)	P4-Rappeller from Helicopter
A6-Airtanker CL-215/415 foam gal	E6-Engine 6 (150 gal)	T1-Tractor plow 1 (165 hp)
A7-Airtanker CL-215/415 water gal	E7-Engine 7 (50 gal)	T2-Tractor plow 2 (140 hp)
A8-Airtanker foam gallons	E8-Engine 8 (obsolete)	T3-Tractor plow 3 (120 hp)
A9-Air Tanker (unknown)	E9-Patrol	T4-Tractor plow 4 (90 hp)
B1-Beaver	EX-Engine (unknown)	T5-Tractor plow 5 (70 hp)
B2-Beaver Foam gallons	H1-Helicopter 1 Heavy	T6-Tractor plow 6 (42 hp)
B3-Beaver Water gallons	H2-Helicopter 2 (Heavy)	T9-Tractor plow (unknown)
C1-Crew Type 1	H3-Helicopter 3 (Medium)	W1-Watertender 1 (2000 gal)
C2-Crew Type 2	H5-Helicopter Foam gallons	W2-Watertender 2 (1000 gal)
C9-Crew (type unknown)	H6-Helicopter Water gallons	W9-Watertender (unknown)
D1-Dozer 1 (Heavy)	H9-Helitanker (unknown)	

FIELD 30. FIRE SIZE CLASS

Fire Size Class
A - .00-.25 Acres
B - .26-9.99 Acres
C - 10-99.99 Acres
D - 100-299.99 Acres
E - 300-999.99 Acres
F - 1000-4999.99 Acres
G - >5000 Acres

FIELD 32. FIRE INTENSITY LEVEL

Fire Intensity Level
0 - HISTORICAL
1 - Flame Length 0-2'
2 - Flame Length >2-4'
3 - Flame Length >4-6'
4 - Flame Length >6-8'
5 - Flame Length >8-12'
6 - Flame Length >12'

FIELD 33. REPRESENTATIVE WEATHER STATION

This LOV is linked to the list of weather stations from the Weather Information Management System (WIMS).

FIELD 35. COVER CLASS

Region 1

FS Region	Cover Class	FS Region	Cover Class
01	01 - Douglas-fir seed/sap	01	51 - Western white pine seed/sap
01	02 - Douglas-fir pole timber	01	52 - Western white pine pole timber
01	03 - Douglas-fir mature uncut	01	53 - Western white pine mature uncut
01	04 - Douglas-fir cutover no slash	01	54 - Western white pine cut no slash
01	05 - Douglas-fir cutover w/slash	01	55 - Western white pine cut w/slash
01	06 - Douglas-fir thinning slash	01	56 - Western white pine thin slash
01	11 - Larch/Doug-fir seed/sap	01	61 - Lodgepole pine seed/sap
01	12 - Larch/Doug-fir pole timber	01	62 - Lodgepole pine pole timber
01	13 - Larch/Doug-fir mature uncut	01	63 - Lodgepole pine mature uncut
01	14 - Larch/Doug-fir cutover no slash	01	64 - Lodgepole pine cutover no slash
01	15 - Larch/Doug-fir cutover w/slash	01	65 - Lodgepole pine cutover w/slash
01	16 - Larch/Doug-fir thinning slash	01	66 - Lodgepole pine thinning slash
01	21 - Grand fir/larch/DF seed/sap	01	71 - Engelmann spruce seed/sap
01	22 - Grand fir/larch/DF pole timber	01	72 - Engelmann spruce pole timber
01	23 - Grand fir/larch/DF mature uncut	01	73 - Engelmann spruce mature uncut
01	24 - Grand fir/larch/DF cut no slash	01	74 - Engelmann spruce cut no slash
01	25 - Grand fir/larch/DF cut w/slash	01	75 - Engelmann spruce cut w/slash
01	26 - Grand fir/larch/DF thin slash	01	76 - Engelmann spruce thin slash
01	31 - Ponderosa pine seed/sap	01	81 - W. red cedar seed/sap
01	32 - Ponderosa pine pole timber	01	82 - W. red cedar pole timber
01	33 - Ponderosa pine mature uncut	01	83 - W. red cedar mature uncut
01	34 - Ponderosa pine cutover no slash	01	84 - W. red cedar cutover no slash
01	35 - Ponderosa pine cutover w/slash	01	85 - W. red cedar cutover w/slash
01	36 - Ponderosa pine thinning slash	01	86 - W. red cedar thinning slash
01	41 - P pine/larch/DF seed/sap	01	91 - Subalpine
01	42 - P pine/larch/DF pole timber	01	92 - Deciduous
01	43 - P pine/larch/DF mature uncut	01	93 - Brush
01	44 - P pine/larch/DF cutover no slash	01	94 - Grass/weeds
01	45 - P pine/larch/DF cutover w/slash	01	95 - Grass/sage
01	46 - P pine/larch/DF thinning slash		

Region 2

FS Region	Cover Class	FS Region	Cover Class
02	01 - Ponderosa pine seed/sap	02	52 - White pines pole timber
02	02 - Ponderosa pine pole timber	02	53 - White pines mature uncut
02	03 - Ponderosa pine mature uncut	02	54 - White pines cutover no slash
02	04 - Ponderosa pine cutover no slash	02	55 - White pines cutover w/slash
02	05 - Ponderosa pine cutover w/slash	02	56 - White pines thinning slash
02	06 - Ponderosa pine thinning slash	02	57 - White pines insect killed
02	07 - Ponderosa pine insect killed	02	61 - P pine/Oak brush seed/sap
02	11 - Lodgepole pine seed/sapling	02	62 - P pine/Oak brush pole timber
02	12 - Lodgepole pine pole timber	02	63 - P pine/Oak brush mature uncut
02	13 - Lodgepole pine mature uncut	02	64 - P pine/Oak brush cutover no slash
02	14 - Lodgepole pine cutover no slash	02	65 - P pine/Oak brush cutover w/slash
02	15 - Lodgepole pine cutover w/slash	02	66 - P pine/Oak brush thinning slash
02	16 - Lodgepole pine thinning slash	02	67 - P pine/Oak brush insect kill
02	17 - Lodgepole pine insect killed	02	71 - Spruce-Fir seed/sap
02	21 - Spruce seed/sap	02	72 - Spruce-Fir pole timber
02	22 - Spruce pole timber	02	73 - Spruce-Fir mature uncut
02	23 - Spruce mature uncut	02	74 - Spruce-Fir cutover no slash
02	24 - Spruce cutover no slash	02	75 - Spruce-Fir cutover w/slash
02	25 - Spruce cutover w/slash	02	76 - Spruce-Fir thinning slash
02	26 - Spruce thinning slash	02	77 - Spruce-Fir insect killed
02	27 - Spruce insect killed	02	81 - Aspen seed/sap
02	31 - Douglas-fir seed/sap	02	82 - Aspen pole timber
02	32 - Douglas-fir pole timber	02	83 - Aspen mature uncut
02	33 - Douglas-fir mature uncut	02	84 - Aspen cutover no slash
02	34 - Douglas-fir cutover no slash	02	85 - Aspen cutover w/slash
02	35 - Douglas-fir cutover w/slash	02	86 - Aspen thinning slash
02	36 - Douglas-fir thinning slash	02	87 - Aspen insect killed
02	37 - Douglas-fir insect killed	02	90 - Grass
02	41 - Alpine/White fir seed/sap	02	91 - Sage
02	42 - Alpine/White fir pole timber	02	92 - Grass-sage mix
02	43 - Alpine/White fir mature uncut	02	93 - Oak
02	44 - Alpine/White fir cutover no slash	02	94 - Pinyon-juniper
02	45 - Alpine/White fir cutover w/slash	02	95 - Sawdust piles
02	46 - Alpine/White fir thinning slash	02	96 - Other
02	47 - Alpine/White fir insect killed	02	zveg1 - zveg reg 01, all dates
02	51 - White pines seed/sap	02	zveg3 - zveg reg 01, after 2010

Region 3

FS Region	Cover Class	FS Region	Cover Class
03	11 - Grass-Low resistance control	03	53 - Brush-High resistance control
03	12 - Grass-Med resistance control	03	54 - Brush-Extreme resistance control
03	13 - Grass-High resistance control	03	61 - Ponderosa pine-Low resistance control
03	14 - Grass-Extreme resistance control	03	62 - Ponderosa pine-Med resistance control
03	21 - Thin slash-Low resistance control	03	63 - Ponderosa pine-High resistance control
03	22 - Thin slash-Med resistance control	03	64 - Ponderosa pine-Extreme resistance control
03	23 - Thin slash-High resistance control	03	71 - Clearcuts-Low resistance control
03	24 - Thin slash-Extreme resistance control	03	72 - Clearcuts-Med resistance control
03	31 - Spruce-Low resistance control	03	73 - Clearcuts-High resistance control
03	32 - Spruce-Med resistance control	03	74 - Clearcuts-Extreme resistance control
03	33 - Spruce-High resistance control	03	81 - Aspen-Low resistance control
03	34 - Spruce-Extreme resistance control	03	82 - Aspen-Med resistance control
03	41 - Mixed conifer-Low resistance control	03	83 - Aspen-High resistance control
03	42 - Mixed conifer-Med resistance control	03	84 - Aspen-Extreme resistance control
03	43 - Mixed conifer-High resistance control	03	91 - Woodland-Low resistance control
03	44 - Mixed conifer-Extreme resistance control	03	92 - Woodland-Med resistance control
03	51 - Brush-Low resistance control	03	93 - Woodland-High resistance control
03	52 - Brush-Med resistance control	03	94 - Woodland-Extreme resistance control

Region 4

FS Region	Cover Class	FS Region	Cover Class
04	10 - Annual grasses	04	23 - Young timber 12-22
04	11 - Perennial grasses	04	24 - TSI light slash 1-3 yrs
04	12 - Meadow grasses	04	25 - TSI light slash 4-7 yrs
04	13 - Sagebrush 3+	04	26 - TSI light slash 8+ yrs
04	14 - Sagebrush 1-3	04	27 - TSI heavy slash 1-3 yrs
04	15 - Sagebrush high elevation	04	28 - TSI heavy slash 4-7 yrs
04	16 - Light brush	04	29 - TSI heavy slash 8+ yrs
04	17 - Medium brush	04	30 - Litter light
04	18 - Heavy brush	04	31 - Litter medium
04	19 - Mature timber	04	32 - Litter heavy
04	20 - Mature timber mixed	04	33 - Pinyon-Juniper
04	21 - Young timber 0-4	04	34 - Other
04	22 - Young timber 4-12		

Region 5

FS Region	Cover Class	FS Region	Cover Class
05	10 - Annual grass	05	49 - Short needle plantations
05	11 - Perennial grass	05	50 - Light slash-long needle 0-10yr
05	12 - Meadow grass	05	51 - Light slash-long needle 10+yr
05	13 - Brushy herbs	05	52 - Medium slash-long needle 0-10yr
05	14 - Grass woodland	05	53 - Medium slash-long needle 10+yr
05	15 - Grass-sage	05	53 - Mixed conifer
05	16 - Grass-pine	05	54 - Heavy slash-long needle 0-10yr
05	20 - Sagebrush	05	55 - Heavy slash-long needle 10+yr
05	21 - Low sage	05	60 - Light slash-short needle 0-10y
05	22 - Light chamise	05	61 - Light slash-short needle 10+yr
05	23 - Moderate Chamise and chaparral	05	62 - Medium slash-short needle 0-10yr
05	24 - Heavy Chamise and chaparral	05	63 - Medium slash-short needle 10+yr
05	25 - Light brush	05	64 - Heavy slash-short needle 0-10y
05	26 - Medium brush	05	65 - Heavy slash-short needle 10+yr
05	27 - Heavy brush	05	70 - Light TSI slash-long needle 1-3yr
05	30 - Mature Hardwoods	05	71 - Light TSI slash-long needle 4-7yr
05	31 - Young hardwoods	05	72 - Light TSI slash-long needle 7+yr
05	40 - Over-mature timber	05	73 - Heavy TSI slash-long needle 1-3yr
05	41 - Mature timber-Bear clover under	05	74 - Heavy TSI slash-long needle 4-7yr
05	42 - Mature timber/heavy brush	05	75 - Heavy TSI slash-long needle 7+yr
05	43 - Mature timber/sparse understory	05	80 - Light TSI slash-short needle 1-3y
05	44 - Long needle immature timber-hvy litter	05	81 - Light TSI slash-short needle 4-7y
05	45 - Short needle immature timber-hvy litter	05	82 - Light TSI slash-short needle 7+yr
05	46 - Short needle young timber-mod litter	05	83 - Heavy TSI slash-short needle 1-3y
05	47 - Long needle young timber-mod litter	05	84 - Heavy TSI slash-short needle 4-7y
05	48 - Long needle plantations	05	99 - Non-forest fuel

Region 6

FS Region	Cover Class	FS Region	Cover Class
06	01 - Douglas-fir 0-5" DBH	06	32 - White fir 11-21" DBH
06	02 - Douglas-fir 5-11" DBH	06	33 - White fir 21+" DBH
06	03 - Douglas-fir 11-21" DBH	06	34 - White/Sugar pine 0-5" DBH
06	04 - Douglas-fir 21+" DBH	06	35 - White/Sugar pine 5-11" DBH
06	05 - Douglas-fir OG 21+" DBH	06	36 - White/Sugar pine 11-21" DBH
06	06 - Ponderosa pine 0-5" DBH	06	37 - White/Sugar pine 21+" DBH
06	07 - Ponderosa pine 5-11" DBH	06	38 - Lodgepole pine 0-5" DBH
06	08 - Ponderosa pine 11-21" DBH	06	39 - Lodgepole pine 5-11" DBH
06	09 - Ponderosa pine 21+" DBH	06	40 - Lodgepole pine 11-21" DBH
06	10 - Western hemlock 0-5" DBH	06	41 - Lodgepole pine 21+" DBH
06	11 - Western hemlock 5-11" DBH	06	42 - Hardwoods 0-5" DBH
06	12 - Western hemlock 11-21" DBH	06	43 - Hardwoods 5-11" DBH
06	13 - Western hemlock 21+" DBH	06	44 - Hardwoods 11-21" DBH
06	14 - Spruce 0-5" DBH	06	45 - Hardwoods 21+" DBH
06	15 - Spruce 5-11" DBH	06	46 - Subalpine timber
06	16 - Spruce 11-21" DBH	06	47 - Juniper
06	17 - Spruce 21+" DBH	06	48 - Oak/Madrone
06	18 - Cedar 0-5" DBH	06	49 - Annual Grass
06	19 - Cedar 5-11" DBH	06	50 - Other non-Ag Grass
06	20 - Cedar 11-21" DBH	06	51 - Agriculture
06	21 - Cedar 21+" DBH	06	52 - Brush
06	22 - Fir-Mountain hemlock 0-5" DBH	06	53 - Clearcut 0-5 yrs
06	23 - Fir-Mountain hemlock 5-11" DBH	06	54 - Clearcut 6+ Yrs
06	24 - Fir-Mountain hemlock 11-21" DBH	06	55 - Partial cut 0-5 yrs
06	25 - Fir-Mountain hemlock 21+" DBH	06	56 - Partial cut 6+ yrs
06	26 - Western Larch 0-5" DBH	06	57 - Thinning slash 0-5 yrs
06	27 - Western Larch 5-11" DBH	06	58 - Thinning slash 6+ yrs
06	28 - Western Larch 11-21" DBH	06	59 - Pruning slash
06	29 - Western Larch 21+" DBH	06	60 - Deforested by fire
06	30 - White fir 0-5" DBH	06	61 - Bracken fern
06	31 - White fir 5-11" DBH		

Region 8

FS Region	Cover Class	FS Region	Cover Class
08	01 - Pine	08	11 - Pine/longleaf/scrub oak
08	02 - Bottom hardwood	08	12 - Pond pine/titi
08	03 - Pine/hardwood	08	13 - Site prep/double burn
08	04 - Scrub hardwood	08	14 - Sawgrass
08	05 - Scrub oak	08	15 - Cypress/tupelo
08	06 - Organic soil	08	16 - Pine/Yaupon
08	07 - Grass	08	17 - Upland hardwood
08	08 - Sand pine	08	18 - Conifer/hardwood
08	09 - Pocosin	08	19 - Brush/rhododendron/laurel
08	10 - Pine/longleaf/slash/palmetto/flt	08	20 - Unknown

Region 9

FS Region	Cover Class	FS Region	Cover Class
09	01 - Jack pine	09	46 - Loblolly pine-hardwood
09	02 - Red pine	09	49 - Other oak-pine
09	03 - White pine	09	51 - Post, black, bear oak
09	04 - White pine-hemlock	09	52 - Chestnut oak
09	05 - Hemlock	09	53 - White oak-red oak-hickory
09	11 - Balsam fir	09	54 - White oak
09	12 - Black spruce	09	55 - Northern red oak
09	13 - Red spruce-Balsam fir	09	56 - Yellow poplar-white oak-red oak
09	14 - Northern white cedar	09	57 - Southern scrub oak
09	15 - Tamarack	09	58 - Sweetgum-yellow poplar
09	16 - White spruce	09	59 - Mixed hardwood
09	31 - Loblolly pine	09	71 - Black ash-American elm-red maple
09	32 - Shortleaf pine	09	72 - River birch-sycamore
09	33 - Virginia pine	09	73 - Cottonwood
09	35 - Eastern red cedar	09	74 - Willow
09	38 - Pitch pine	09	75 - Sycamore-pecan-American elm
09	39 - Table-mountain pine	09	81 - Sugar maple-beech-yellow birch
09	41 - White pine-N.red oak-white ash	09	91 - Aspen
09	42 - Eastern red cedar-hardwood	09	92 - Paper birch
09	44 - Shortleaf pine-oak	09	99 - Nonstocked
09	45 - Virginia pine-southern red oak		

Region 10

FS Region	Cover Class	FS Region	Cover Class
10	10 - Grass	10	19 - Hemlock-Sitka spruce reproduction
10	11 - Muskeg	10	20 - Hemlock-Sitka spruce, other
10	12 - Brush	10	21 - Sitka spruce reproduction
10	13 - Slash	10	22 - Sitka spruce, all other
10	14 - Coastal hardwoods	10	23 - Interior hardwood
10	15 - Cedar reproduction	10	24 - Black spruce
10	16 - Cedar, all other	10	25 - White spruce
10	17 - Hemlock reproduction	10	26 - White spruce-Interior hardwood
10	18 - Hemlock, all other	10	27 - Other

FIELD 37. ASPECT

Aspect	Aspect
0 - Flat	5 - South
1 - North	6 - Southwest
2 - Northeast	7 - West
3 - East	8 - Northwest
4 - Southeast	9 - Ridgetop

FIELD 39. SPECIAL CODES (SEE APP. B FOR LISTS OF VALUES FOR PW, WA, & WL)

Special Code
AB - Air Basin
IG - Number Ignition Sites
PP - FS Accounting Code
PW - Power Equip. Used in Wilderness
WA - Wilderness Aircraft Intrusion
WL - Wilderness Area
ZC - Date contained MMDD
ZD - Resource damage in \$1000

FIELD 47. PROTECTION AGENCY AND LAND OWNERSHIP

Protection/Ownership Agency	Protection/Ownership Agency
USFS - USDA Forest Service	DC - Department of Corrections
ADF - Alaska Division Of Forestry	DC-ST - Dist Of Columbia
AFC - Alabama Forestry Commission	DDF - Delaware Department Of Forestry
AFS - Air Facility Sub-System	DE - Delaware
AG - Air Guard	DFE - Division of Forest Environment
AK - Alaska	DFF - Division of Forestry Fire & State Lands
AL - Alabama	DFL - Division of Forests and Land
ALD - Arizona State Land Department	DFR - Division of Forest Resources
APHIS - Animal and Plant Health Inspection Service	DHS - Department of Homeland Security
AR - Arkansas	DL - Department of Lands
ARM - ARM	DMA - Department of Military Affairs
AS - American Samoa	DNR - Department of Natural Resources
AZ - Arizona	DNRC - Department of Natural Resources and Conservation
B - California Department of Forestry	DNRF - Department of Natural Resources Forest Service
BIA - Bureau of Indian Affairs	DOA - Department of Agriculture
BLM - Bureau of Land Management	DOC - Department of Conservation
BOR - Bureau of Reclamation	DOD - Department of Defense
C&L - County & Local	DOE - Department of Energy
CA - California	DOF - Department of Forestry
CA-CDF - California Fire	DOI - Department of the Interior
CA-KRN - Ca-Kern County	DVF - Division of Forestry
CA-LAC - Ca-Los Angeles County	EPA - Environmental Protection Agency
CA-ORC - Ca-Orange County	FAA - Federal Aviation Administration
CA-SBC - Ca-Santa Barbara County	FC - Forestry Commission
CA-VNC - Ca-Ventura County	FDF - Florida Division Of Forestry
CAN - Canada	FEMA - Federal Emergency Management Agency
CAR - Ca-Riverside County	FFC - Bureau of Forest Fire Control
CAS - Ca-San Diego County	FFP - Forest Fire Protection
CBF - Connecticut Bureau Of Forestry	FFS - Forest Fire Service
CDF - California Department of Forestry & Fire Protection	FL - Florida
CO - Colorado	FM - Federated States Of Micronesia
CSF - Colorado State Forest Service	FR - Forest Rangers
CT - Connecticut	Foreign - Foreign Government
City - City or Equivalent Government	GA - Georgia
County - County or Equivalent Government	GFC - Georgia Forestry Commission

Protection/Ownership Agency	Protection/Ownership Agency
GU - Guam	NJD - New Jersey Division Of Parks/Forestry
HDF - Hawaii Division Of Forestry	NM - New Mexico
HI - Hawaii	NMF - New Mexico Forestry And Resource Division
HQ - Headquarters	NOP - No Organized Protection
IA - Interagency	NPS - National Park Service
IA-ST - Iowa	NSA - National Nuclear Security Administration
ID - Idaho	NV - Nevada
IDL - Idaho Department Of Lands	NVD - Nevada Division Of Forestry
IL - Illinois	NWS - National Weather Service
IN - Indiana	NY - New York
INTL - International	NYD - New York Department Of Environmental Conservation
IOD - Iowa Division Of Forestry	ODA - Oklahoma Department Of Agriculture
JC - Job Corps	OES - Office of Emergency Services
KDF - Kentucky Division Of Forestry	OF - Office of Forestry
KS - Kansas	OH - Ohio
KSF - Kansas State Extension Forestry	OHD - Ohio Division Of Forestry
KY - Kentucky	OK - Oklahoma
LA - Louisiana	OR - Oregon
LGR - Local Government Resource	ORD - Oregon Department Of Forestry
LOF - Louisiana Office Of Forestry	OTHR - Other
MA - Massachusetts	PA - Pennsylvania
MD - Maryland	PBF - Pennsylvania Bureau Of Forestry
MDC - Missouri Department Of Conservation	PR - Puerto Rico
MDF - Maryland Forest Service	PW - Palau
ME - Maine	Private - Individual or Private Corporation
MEX - Mexico	RI - Rhode Island
MFC - Mississippi Forestry Commission	RID - Rhode Island Division Of Environment
MFS - Maine Forest Service	SC - South Carolina
MH - Marshall Islands	SCF - South Carolina Forestry Commission
MI - Michigan	SD - South Dakota
MN - Minnesota	SDD - South Dakota Division Of Forestry
MO - Missouri	SF - State Forestry
MP - Northern Mariana Islands	SFS - State Forest Service
MS - Mississippi	SP - State Parks
MT - Montana	ST - State Government Agencies
MTD - Montana Division Of Forestry	State - State or Equivalent Government
NASA - National Aeronautics and Space Administration	TDF - Tennessee Division Of Forestry
NAV - NAV	TFS - Texas Forest Service
NBC - National Business Center	TN - Tennessee
NC - North Carolina	TVA - Tennessee Valley Authority
NCD - North Carolina Division Of Forest Resources	TX - Texas
ND - North Dakota	Tribal - Tribal Government
NDF - North Dakota Forest Service	UDL - Utah Division Of Lands
NE - Nebraska	UM - U.S. Minor Outlying Islands
NED - Nebraska Department Of Forestry	USA - United States Army
NG - National Guard	USACE - United States Army Corps of Engineers
NH - New Hampshire	USAF - United States Air Force
NHD - New Hampshire Division Of Forests/Lands	USCG - United States Coast Guard
NJ - New Jersey	USFWS - US Fish & Wildlife Service

Protection/Ownership Agency	Protection/Ownership Agency
USGS - Geological Survey	VTD - Vermont Division Of Forestry
USM - Dod-Marine Corps	WA - Washington
USN - United States Navy	WAD - Washington Department Of Natural Resources
USP - United States Postal Service	WI - Wisconsin
UT - Utah	WID - Wisconsin Department Of Natural Resources
VA - Virginia	WSF - Wyoming State Forestry Division
VAD - Virginia Department Of Forestry	WV - West Virginia
VI - Virgin Islands Of The U.S.	WVF - West Virginia Forestry Division
VT - Vermont	WY - Wyoming

APPENDIX C. FIELD 39. SPECIAL CODES – LIST OF VALUES

POWER EQUIPMENT USED IN WILDERNESS CODE (PW) - LIST OF VALUES

Value	Description	Value	Description
ATV	Vehicle, All Terrain	LDFR	Front End Loader
BHOE	Backhoe	PCT1	Pumper Cat, Type 1
BT	Boat	PCT2	Pumper Cat, Type 2
CHIP	Chipper	PCT3	Pumper Cat, Type 3
CS	Chainsaw	PP	Portable Pumps
DOZ1	Dozer, Type 1	SKD1	Skidder, Type 1
DOZ2	Dozer, Type 2	SKD2	Skidder, Type 2
DOZ3	Dozer, Type 3	SKD3	Skidder, Type 3
DOZT	Tender, Dozer	SKD4	Skidder, Type 4
ENG1	Engine, Type 1	SKD5	Skidder, Type 5
ENG2	Engine, Type 2	SKG1	Skidgine, Type 1
ENG3	Engine, Type 3	SKG2	Skidgine, Type 2
ENG4	Engine, Type 4	SKG3	Skidgine, Type 3
ENG5	Engine, Type 5	SKG4	Skidgine, Type 4
ENG6	Engine, Type 6	SKG5	Skidgine, Type 5
ENG7	Engine, Type 7	SLSH	Slash Buster
EXCA	Excavator	TPL1	Tractor-Plow, Type 1
FEL1	Feller Buncher, Type 1	TPL2	Tractor-Plow, Type 2
FEL2	Feller Buncher, Type 2	TPL3	Tractor-Plow, Type 3
FORW	Forwarder	TPL4	Tractor-Plow, Type 4
FT	Tender, Fuel	TPL5	Tractor-Plow, Type 5
GEN	Generator	TPL6	Tractor-Plow, Type 6
GRD	Road Grader	TRAC	Tractor
LBLR	Leaf Blower	TREN	Trencher

WILDERNESS AIRCRAFT INTRUSION CODE (WA) – LIST OF VALUES

Value	Description	Value	Description
AT	Airtanker, Type 1-3	SCPFR	Scooper Foam or retardant drop
BEAVF	Beaver Foam drop	SCPW	Scooper Water drop
BEAVW	Beaver Water drop	SEAT	Single Engine Airtanker (Airtanker, Type 4)
HELC	Helicopter, cargo delivery	SJACC	Smokejumper Aircraft, cargo delivery
HELP	Helicopter, personnel delivery	SJACP	Smokejumper Aircraft, personnel delivery
HELW	Helicopter, water drop	VLAT	Very Large Airtanker

WILDERNESS CODE (WL) – LIST OF VALUES

Region 1

Region-Forest	Proclaimed National Forest	State	Wilderness	Value
0102	Beaverhead	MT	Anaconda-Pintlar	47
0102	Beaverhead	MT	Lee Metcalf	188
0103	Bitterroot	MT	Anaconda-Pintlar	47
0103	Bitterroot	ID	Frank Church – River of No Return	136
0103	Bitterroot	ID	Selway-Bitterroot	44
0103	Bitterroot	MT	Selway-Bitterroot	44
0104	Kaniksu	MT	Cabinet Mountains	50
0104	Kaniksu	WA	Salmo-Priest	239
0105	Clearwater	ID	Selway-Bitterroot	44
0108	Custer	MT	Absaroka-Beartooth	131
0109	Deerlodge	MT	Anaconda-Pintlar	47
0110	Flathead	MT	Bob Marshall	49
0110	Flathead	MT	Great Bear	135
0110	Flathead	MT	Mission Mountains	52
0111	Gallatin	MT	Absaroka-Beartooth	131
0111	Gallatin	MT	Lee Metcalf	188
0112	Helena	MT	Gates of the Mountains	51
0112	Helena	MT	Scapegoat	90
0114	Kootenai	MT	Cabinet Mountains	50-
0115	Lewis & Clark	MT	Bob Marshall	49
0115	Lewis & Clark	MT	Scapegoat	90
0116	Lolo	MT	Rattlesnake	137
0116	Lolo	MT	Scapegoat	90
0116	Lolo	MT	Selway-Bitterroot	44
0116	Lolo	MT	Welcome Creek	123
0117	Nez Perce	ID	Frank Church – River of No Return	136
0117	Nez Perce	ID	Gospel Hump	122
0117	Nez Perce	ID	Hells Canyon	92
0117	Nez Perce	ID	Selway-Bitterroot	44

Region 2

Region-Forest	Proclaimed National Forest	State	Wilderness	Value
0202	Bighorn	WY	Cloud Peak	80
0203	Black Hills	SD	Black Elk	172
0204	Gunnison	CO	Collegiate Peaks	161
0204	Gunnison	CO	Fossil Ridge	416
0204	Gunnison	CO	La Garita	32
0204	Gunnison	CO	Maroon Bells-Snowmass	33
0204	Gunnison	CO	Powderhorn	413
0204	Gunnison	CO	Raggeds	170
0204	Gunnison	CO	West Elk	39
0204	Uncompahgre	CO	Lizard Head	40
0204	Uncompahgre	CO	Mount Sneffels	167
0204	Uncompahgre	CO	Uncompahgre	37
0206	Medicine Bow	WY	Encampment River	327
0206	Medicine Bow	WY	Savage Run	130
0206	Medicine Bow	WY	Huston Park	326
0206	Medicine Bow	WY	Platte River	348

Region-Forest	Proclaimed National Forest	State	Wilderness	Value
0206	Routt	CO	Flat Tops	30
0206	Routt	CO	Mount Zirkel	34
0206	Routt	CO	Neota	168
0206	Routt	CO	Never Summer	169
0206	Routt	CO	Platte River	348
0206	Routt	CO	Rawah	35
0206	Routt	CO	Sarvis Creek	417
0207	Nebraska	NE	Soldier Creek	359
0209	Rio Grande	CO	La Garita	32
0209	Rio Grande	CO	Sangre de Cristo	414
0209	Rio Grande	CO	South San Juan	171
0209	Rio Grande	CO	Wen-dnuche	36
0209	San Juan	CO	Lizard Head	40
0209	San Juan	CO	South San Juan	171
0209	San Juan	CO	Wen-dnuche	36
0210	Arapaho	CO	Byers Peak	412
0210	Arapaho	CO	Eagles Nest	31
0210	Arapaho	CO	Mount Evans	165
0210	Arapaho	CO	James Peak	427
0210	Arapaho	CO	Never Summer	169
0210	Arapaho	CO	Ptarmigan Peak	418
0210	Arapaho	CO	Vasquez Peak	415
0210	Roosevelt	CO	Cache La Poudre	160
0210	Roosevelt	CO	Comanche Peak	162
0210	Roosevelt	CO	Indian Peaks	134
0210	Roosevelt	CO	Neota	168
0210	Roosevelt	CO	Rawah	33
0210	Roosevelt	CO	James Peak	427
0212	Pike	CO	Buffalo Peaks	410
0212	Pike	CO	Lost Creek	164
0212	Pike	CO	Mount Evans	165
0212	San Isabel	CO	Collegiate Peaks	161
0212	San Isabel	CO	Greenhorn Mountain	411
0212	San Isabel	CO	Holy Cross	163
0212	San Isabel	CO	Buffalo Peaks	410
0212	San Isabel	CO	Mount Massive	166
0212	San Isabel	CO	Sangre de Cristo	414
0212	San Isabel	CO	Spanish Peaks	426
0214	Shoshone	WY	Absaroka-Beartooth	131
0214	Shoshone	WY	Fitzpatrick	117
0214	Shoshone	WY	North Absaroka	82
0214	Shoshone	WY	Popo Agie	83
0214	Shoshone	WY	Washakie	85
0215	White River	CO	Collegiate Peaks	161
0215	White River	CO	Eagles Nest	31
0215	White River	CO	Flat Tops	30
0215	White River	CO	Holy Cross	163
0215	White River	CO	Hunter-Fryingpan	121
0215	White River	CO	Maroon Bells-Snowmass	33
0215	White River	CO	Raggeds	170

Region 3

Region-Forest	Proclaimed National Forest	State	Wilderness	Value
0301	Apache	AZ	Bear Wallow	256
0301	Apache	NM	Blue Range	154
0301	Apache	AZ	Escudilla	251
0301	Apache	AZ	Mount Baldy	5
0302	Carson	NM	Chama River Canyon	124
0302	Carson	NM	Cruces Basin	156
0302	Carson	NM	Latir Peak	158
0302	Carson	NM	Pecos	59
0302	Carson	NM	Wheeler Peak	61
0303	Cibola	NM	Apache Kid	133
0303	Cibola	NM	Manzano Mountain	125
0303	Cibola	NM	Sandia Mountain	126
0303	Cibola	NM	Withington	159
0304	Coconino	AZ	Fossil Springs	258
0304	Coconino	AZ	Kachina Peaks	245
0304	Coconino	AZ	Kendrick Mountain	263
0304	Coconino	AZ	Mazatzal	4
0304	Coconino	AZ	Munds Mountain	266
0304	Coconino	AZ	Red Rock-Secret Mountain	268
0304	Coconino	AZ	Strawberry Crater	250
0304	Coconino	AZ	Sycamore Canyon	9
0304	Coconino	AZ	West Clear Creek	247
0304	Coconino	AZ	Wet Beaver	248
0305	Coronado	AZ	Chiricahua	2
0305	Coronado	AZ	Galiuro	3
0305	Coronado	AZ	Miller Peak	264
0305	Coronado	AZ	Mount Wrightson	265
0305	Coronado	AZ	Pajarita	267
0305	Coronado	AZ	Pusch Ridge	118
0305	Coronado	AZ	Rincon Mountain	269
0305	Coronado	AZ	Santa Teresa	246
0306	Gila	NM	Aldo Leopold	152
0306	Gila	NM	Blue Range	154
0306	Gila	NM	Gila	58
0307	Kaibab	AZ	Kanab Creek	252
0307	Kaibab	AZ	Kendrick Mountain	263
0307	Kaibab	AZ	Saddle Mountain	253
0307	Kaibab	AZ	Sycamore Canyon	9
0308	Lincoln	NM	Capitan Mountain	155
0308	Lincoln	NM	White Mountain	62
0309	Prescott	AZ	Apache Creek	254
0309	Prescott	AZ	Castle Creek	7
0309	Prescott	AZ	Cedar Bench	255
0309	Prescott	AZ	Granite Mountain	260
0309	Prescott	AZ	Juniper Mesa	262
0309	Prescott	AZ	Pine Mountain	6
0309	Prescott	AZ	Sycamore Canyon	9
0309	Prescott	AZ	Woodchute	249
0310	Santa Fe	NM	Chama River Canyon	124

Region-Forest	Proclaimed National Forest	State	Wilderness	Value
0310	Santa Fe	NM	Dome	157
0310	Santa Fe	NM	Pecos	59
0310	Santa Fe	NM	San Pedro Parks	60
0312	Tonto	AZ	Four Peaks	259
0312	Tonto	AZ	Hellsgate	261
0312	Tonto	AZ	Mazatzal	4
0312	Tonto	AZ	Pine Mountain	6
0312	Tonto	AZ	Salome	270
0312	Tonto	AZ	Salt River Canyon	271
0312	Tonto	AZ	Sierra Ancha	7
0312	Tonto	AZ	Superstition	8

Region 4

Region-Forest	Proclaimed National Forest	State	Wilderness	Value
0401	Ashley	UT	High Uintas	299
0402	Boise	ID	Frank Church-River of No Return	136
0402	Boise	ID	Sawtooth	43
0403	Bridger	WY	Bridger	79
0403	Teton	WY	GrosVentre	323
0403	Teton	WY	Teton	86
0406	Challis	ID	Frank Church-River of No Return	136
0406	Challis	ID	Sawtooth	43
0407	Dixie	UT	Ashdown Gorge	303
0407	Dixie	UT	Box-Death Hollow	304
0407	Dixie	UT	Cottonwood Forest	463
0407	Dixie	UT	Pine VaHey Mountain	305
0409	Humboldt	NV	Currant Mountain	381
0409	Humboldt	NV	East Humboldts	382
0409	Humboldt	NV	Grant Range	385
0409	Humboldt	NV	Jarbidge	54
0409	Humboldt	NV	Mount Moriah	386
0409	Humboldt	NV	Quinn Canyon	383
0409	Humboldt	NV	Ruby Mountains	384
0409	Humboldt	NV	Santa Rosa – Paradise Peak	387
0409	Humboldt	NV	Red Mountain	437
0409	Humboldt	NV	Bald Mountain	438
0409	Humboldt	NV	White Pine Range	439
0409	Humboldt	NV	Shellback	440
0409	Humboldt	NV	High Schells	441
0410	Manti-La Sal	UT	Dark Canyon	302
0412	Payette	ID	Frank Church-River of No Return	136
0412	Payette	ID	Hells Canyon	92
0413	Salmon	ID	Frank Church-River of No Return	136
0414	Sawtooth	ID	Sawtooth	43
0417	Toiyabe	NV	Alta Toquima	377
0415	Targhee	WY	Jedediah Smith	325
0415	Targhee	WY	Winegar Hole	324
0417	Toiyabe	NV	Arc Dome	378
0417	Toiyabe	CA	Carson-Iceberg	272

Region-Forest	Proclaimed National Forest	State	Wilderness	Value
0417	Toiyabe	CA	Hoover	18
0417	Toiyabe	CA	Mokelumne	20
0417	Toiyabe	NV	Mount Charleston	380
0417	Toiyabe	NV	Mount Rose	379
0417	Toiyabe	NV	Table Mountain	376
0417	Toiyabe	NV	La Madre Mountain	428
0417	Toiyabe	NV	Rainbow Mountain	429
0418	Uinta	UT	Lone Peak	128
0418	Uinta	UT	Mount Nebo	301
0418	Uinta	UT	Mount Timpanogos	300
0419	Wasatch	UT	Deseret Peak	306
0419	Wasatch	UT	High Uintas	299
0419	Wasatch	UT	Lone Peak	128
0419	Wasatch	UT	Mount Olympus	297
0419	Wasatch	UT	Twin Peaks	298
0419	Cache	UT	Mount Naomi	295
0419	Cache	UT	Wellsville Mountain	296

Region 5

Region-Forest	Proclaimed Forest	State	Wilderness	Value
0501	Angeles	CA	Cucamonga	12
0501	Angeles	CA	San Gabriel	14
0501	Angeles	CA	Sheep Mountain	287
0501	Angeles	CA	Magic Mountain	459
0501	Angeles	CA	Pleasant View Ridge	460
0502	Cleveland	CA	Agua Tibia	10
0502	Cleveland	CA	Hauser	278
0502	Cleveland	CA	Pine Creek	283
0502	Cleveland	CA	San Mateo Canyon	285
0503	Eldorado	CA	Desolation	13
0503	Eldorado	CA	Mokelumne	20
0504	Inyo	CA	Ansel Adams	21
0504	Inyo	NV	Boundary Peak	404
0504	Inyo	CA	Golden Trout	119
0504	Inyo	CA	Hoover	18
0504	Inyo	CA	John Muir	87
0504	Inyo	CA	South Sierra	290
0504	Inyo	CA	Inyo Mountains	420
0504	Inyo	CA	Owens River Headwaters	456
0504	Inyo	CA	White Mountains	457
0504	Inyo	CA	Granite Mountain (CA)	458
0505	Klamath	CA	Marble Mountain	19
0505	Klamath	CA	Russian	284
0505	Klamath	CA	Siskiyou	288
0505	Klamath	CA	Trinity Alps	291
0506	Lassen	CA	Caribou	11
0506	Lassen	CA	Ishi	279
0506	Lassen	CA	Thousand Lakes	27
0507	Los Padres	CA	Chumash	408

Region-Forest	Proclaimed Forest	State	Wilderness	Value
0507	Los Padres	CA	Dick Smith	275
0507	Los Padres	CA	Garcia	407
0507	Los Padres	CA	Machesna Mountain	293
0507	Los Padres	CA	Matilija	406
0507	Los Padres	CA	San Rafael	25
0507	Los Padres	CA	Santa Lucia	120
0507	Los Padres	CA	Sespe	405
0507	Los Padres	CA	Silver Peak	409
0507	Los Padres	CA	Ventana	28
0508	Mendocino	CA	Snow Mountain	289
0508	Mendocino	CA	Yolla Bolly-Middle Eel	29
0508	Mendocino	CA	Sanhedrin	431
0508	Mendocino	CA	Yuki	432
0509	Modoc	CA	South Warner	26
0510	Six Rivers	CA	North Fork	282
0510	Six Rivers	CA	Siskiyou	288
0510	Six Rivers	CA	Trinity Alps	291
0510	Six Rivers	CA	Yolla Bolly-Middle Eel	29
0510	Six Rivers	CA	Mount Lassie	433
0511	Plumas	CA	Bucks Lake	292
0512	San Bernardino	CA	Cucamonga	12
0512	San Bernardino	CA	San Gorgonio	23
0512	San Bernardino	CA	San Jacinto	24
0512	San Bernardino	CA	Santa Rosa	286
0512	San Bernardino	CA	Sheep Mountain	287
0512	San Bernardino	CA	Bighorn Mountain	419
0512	San Bernardino	CA	Cahuilla Mountain	461
0512	San Bernardino	CA	South Fork San Jacinto	462
0513	Sequoia	CA	Dome Land	15
0513	Sequoia	CA	Golden Trout	119
0513	Sequoia	CA	Jennie Lakes	294
0513	Sequoia	CA	Monarch	280
0513	Sequoia	CA	South Sierra	290
0513	Sequoia	CA	Kiavah	421
0514	Shasta	CA	Castle Crags	273
0514	Shasta	CA	Mount Shasta	281
0514	Shasta	CA	Trinity Alps	291
0514	Trinity	CA	Trinity Alps	291
0514	Trinity	CA	Chancelulla	274
0514	Trinity	CA	Yolla Bolly-Middle Eel	29
0515	Sierra	CA	Ansel Adams	21
0515	Sierra	CA	Dinkey Lakes	276
0515	Sierra	CA	John Muir	87
0515	Sierra	CA	Kaiser	94
0515	Sierra	CA	Monarch	280
0516	Stanislaus	CA	Carson-Iceberg	272
0516	Stanislaus	CA	Emigrant	16
0516	Stanislaus	CA	Mokelumne	20
0517	Tahoe	CA	Granite Chief	277

Region 6

Region-Forest	Proclaimed National Forest	State	Wilderness	Value
0601	Deschutes	OR	Diamond Peak	64
0601	Deschutes	OR	Mount Jefferson	69
0601	Deschutes	OR	Mount Thielsen	226
0601	Deschutes	OR	Mount Washington	70
0601	Deschutes	OR	Three Sisters	73
0602	Fremont	OR	Gearhart Mountain	66
0603	Gifford Pinchot	WA	Glacier View	231
0603	Gifford Pinchot	WA	Goat Rocks	76
0603	Gifford Pinchot	WA	Indian Heaven	233
0603	Gifford Pinchot	WA	Mount Adams	77
0603	Gifford Pinchot	WA	Tatoosh	240
0603	Gifford Pinchot	WA	Trapper Creek	242
0603	Gifford Pinchot	WA	William O. Douglas	243
0604	Malheur	OR	Monument Rock	225
0604	Malheur	OR	Strawberry Mountain	72
0605	Mt. Baker	WA	Boulder River	227
0605	Mt. Baker	WA	Glacier Peak	75
0605	Mt. Baker	WA	Henry M. Jackson	232
0605	Mt. Baker	WA	Mount Baker	235
0605	Mt. Baker	WA	Noisy-Diobsud	237
0605	Mt. Baker	WA	Pasayten	89
0605	Snoqualmie	WA	Norse Peak	238
0605	Snoqualmie	WA	Alpine Lakes	93
0605	Snoqualmie	WA	William O. Douglas	243
0605	Snoqualmie	WA	Goat Rocks	76
0605	Snoqualmie	WA	Henry M. Jackson	232
0605	Snoqualmie	WA	Clearwater	229
0605	Snoqualmie	WA	Wild Sky	442
0606	Mt. Hood	OR	Badger Creole	207
0606	Mt. Hood	OR	Bull of the Woods	208
0606	Mt. Hood	OR	Columbia	205
0606	Mt. Hood	OR	Mount Hood	68
0606	Mt. Hood	OR	Mount Jefferson	69
0606	Mt. Hood	OR	Salmon-Huckleberry	206
0606	Mt. Hood	OR	Clackamas	452
0606	Mt. Hood	OR	Roaring River	453
0606	Mt. Hood	OR	Lower White River	454
0606	Mt. Hood	OR	Badger Creek	207
0607	Ochoco	OR	Black Canyon	222
0607	Ochoco	OR	Bridge Creek	220
0607	Ochoco	OR	Mill Creek	221
0608	Okanogan	WA	Lake Chelan-Sawtooth	234
0608	Okanogan	WA	Pasayten	89
0609	Olympic	WA	Buckhorn	228
0609	Olympic	WA	Colonel Bob	230
0609	Olympic	WA	Mount Skokomish	236
0609	Olympic	WA	The Brothers	241
0609	Olympic	WA	Wonder Mountain	244
0610	Rogue River	CA	Red Buttes	218

Region-Forest	Proclaimed National Forest	State	Wilderness	Value
0610	Rogue River	OR	Red Buttes	218
0610	Rogue River	OR	Rogue-Umpqua Divide	213
0610	Rogue River	OR	Sky Lakes	219
0611	Siskiyou	OR	Grassy Knob	217
0611	Siskiyou	OR	Kalmiopsis	67
0611	Siskiyou	OR	Red Buttes	218
0611	Siskiyou	CA	Siskiyou	288
0611	Siskiyou	OR	Wild Rogue	127
0611	Siskiyou	OR	Copper Salmon	455
0612	Siuslaw	OR	Cummins Creek	211
0612	Siuslaw	OR	Drift Creek	209
0612	Siuslaw	OR	Rock Creek	210
0614	Umatilla	OR	North Fork John Day	223
0614	Umatilla	OR	North Fork Umatilla	224
0614	Umatilla	WA	Wenaha-Tucannon	129
0614	Umatilla	OR	Wenaha-Tucannon	129
0615	Umpqua	OR	Boulder Creek	212
0615	Umpqua	OR	Mount Thielsen	226
0615	Umpqua	OR	Rogue-Umpqua Divide	213
0616	Wallowa	OR	Eagle Cap	65
0616	Whitman	OR	Eagle Cap	65
0616	Wallowa	OR	Hells Canyon	92
0616	Whitman	OR	Hells Canyon	92
0616	Whitman	OR	Monument Rock	225
0616	Whitman	OR	North Fork John Day	223
0617	Wenatchee	WA	Alpine Lakes	93
0617	Wenatchee	WA	Glacier Peak	75
0617	Wenatchee	WA	Henry M. Jackson	232
0617	Wenatchee	WA	Lake Chelan-Sawtooth	234
0618	Willamette	OR	Bull of the Woods	208
0618	Willamette	OR	Diamond Peak	64
0618	Willamette	OR	Menagerie	215
0618	Willamette	OR	Middle Santiam	216
0618	Willamette	OR	Mount Jefferson	69
0618	Willamette	OR	Mount Washington	70
0618	Willamette	OR	Three Sisters	73
0618	Willamette	OR	Waldo Lake	214
0618	Willamette	OR	Opal Creek	422
0620	Winema	OR	Mount Thielsen	226
0620	Winema	OR	Mountain Lakes	71
0620	Winema	OR	Sky Lakes	219
0621	Colville	WA	Salmo-Priest	239

Region 8

Region-Forest	Proclaimed National Forest	State	Wilderness	Value
0801	Talladega	AL	Cheaha	184
0801	Talladega	AL	Dugger Mountain	423
0801	William B. Bankhead	AL	Sipsey	100
0802	Daniel Boone	KY	Beaver Creek	104
0802	Daniel Boone	KY	Clifty	349
0803	Chattahoochee	GA	Big Frog	330
0803	Chattahoochee	GA	Blood Mountain	402
0803	Chattahoochee	GA	Brasstown	351
0803	Chattahoochee	GA	Cohutta	110
0803	Chattahoochee	GA	Ellicott Rock	107
0803	Chattahoochee	GA	Mark Trail	403
0803	Chattahoochee	GA	Raven Cliffs	350
0803	Chattahoochee	GA	Rich Mountain	353
0803	Chattahoochee	GA	Southern Nantahala	204
0803	Chattahoochee	GA	Tray Mountain	352
0804	Cherokee	TN	Bald River Gorge	332
0804	Cherokee	TN	Big Frog	330
0804	Cherokee	TN	Big Laurel Branch	357
0804	Cherokee	TN	Citico Creek	331
0804	Cherokee	TN	Cohutta	110
0804	Cherokee	TN	Gee Creek	108
0804	Cherokee	TN	Joyce Kilmer-Slickrock	106
0804	Cherokee	TN	Little Frog Mountain	354
0804	Cherokee	TN	Pond Mountain	355
0804	Cherokee	TN	Sampson Mountain	358
0804	Cherokee	TN	Unaka Mountain	356
0805	Osceola	FL	Big Gum Swamp	308
0803	Ocala	FL	Alexander Springs	309
0805	Ocala	FL	Billies Bay	312
0805	Ocala	FL	Juniper Prairie	310
0805	Ocala	FL	Little Lake George	311
0805	Apalachicola	FL	Mud Swamp-New River	307
0805	Apalachicola	FL	Bradwell Bay	103
0806	Kisatchie	LA	Kisatchie Hills	180
0807	Desoto	MS	Black Creek	321
0807	Desoto	MS	Leaf	322
0809	Ouachita	OK	Black Fork Mountain	313
0809	Ouachita	AR	Black Fork Mountain	313
0809	Ouachita	AR	Caney Creek	101
0809	Ouachita	AR	Dry Creek	314
0809	Ouachita	AR	Flatside	316
0809	Ouachita	AR	Poteau Mountain	315
0809	Ouachita	OK	Upper Kiamichi River	374
0810	Ozark	AR	East Fork	319
0810	Ozark	AR	Hurricane Creek	317
0810	Ozark	AR	Leatherwood	320
0810	Ozark	AR	Richland Creek	318
0810	Ozark	AR	Upper Buffalo	102
0811	Uwharrie	NC	Birkhead Mountains	198

Region-Forest	Proclaimed National Forest	State	Wilderness	Value
0811	Croatan	NC	Catfish Lake South	199
0811	Nantahala	NC	Ellicott Rock	107
0811	Nantahala	NC	Joyce Kilmer-Slickrock	106
0811	Pisgah	NC	Linville Gorge	63
0811	Pisgah	NC	Middle Prong	200
0811	Croatan	NC	Pocosin	201
0811	Croatan	NC	Pond Pine	202
0811	Croatan	NC	Sheep Ridge	203
0811	Pisgah	NC	Shining Rock	88
0811	Nantahala	NC	Southern Nantahala	204
0812	Sumter	SC	Ellicott Rock	107
0812	Francis Marion	SC	Hell Hole Bay	178
0812	Francis Marion	SC	Little Wambaw Swamp	181
0812	Francis Marion	SC	Wambaw Creek	179
0812	Francis Marion	SC	Wambaw Swamp	177
0813	Davy Crockett	TX	Big Slough	335
0813	Sabine	TX	Indian Mounds	336
0813	Sam Houston	TX	Little Lake Creek	337
0813	Angelina	TX	Turkey Hill	333
0813	Angelina	TX	Upland Island	334
0814	Jefferson	VA	Barbours Creek	362
0814	Jefferson	VA	Beartown	338
0814	Jefferson	VA	James River Face	109
0814	Jefferson	VA	Kimberling Creek	339
0814	Jefferson	VA	Lewis Fork	340
0814	Jefferson	VA	Little Dry Run	341
0814	Jefferson	VA	Little Wilson Creek	342
0814	Jefferson	WV	Mountain Lake	343
0814	Jefferson	VA	Mountain Lake	343
0814	Jefferson	VA	Peters Mountain	344
0814	Jefferson	VA	Shawvers Run	363
0814	Jefferson	VA	Thunder Ridge	345
0814	Jefferson	VA	Brush Mountain East	446
0814	Jefferson	WV	Brush Mountain	447
0814	Jefferson	VA	Raccoon Branch	448
0814	Jefferson	VA	Stone Mountain	449
0814	Jefferson	VA	Hunting Camp Creek	450
0814	Jefferson	VA	Garden Mountain	451
0814	George Washington	VA	Ramseys Draft	346
0814	George Washington	VA	Rich Hole	361
0814	George Washington	VA	Rough Mountain	360
0814	George Washington	VA	Saint Mary's	347
0814	George Washington	VA	Shawvers Run	363
0814	George Washington	VA	Priest	424
0814	George Washington	VA	Three Ridges	425
0814	George Washington	VA	Barbours Creek	362
0816	El Yunque	PR	El Toro	430

Region 9

Region-Forest	Proclaimed National Forest	State	Wilderness	Value
0902	Chequamegon	WI	Porcupine Lake	190
0902	Chequamegon	WI	Rainbow Lake	115
0904	Manistee	MI	Nordhouse Dunes	364
0905	Mark Twain	MO	Bell Mountain	173
0905	Mark Twain	MO	Devils Backbone	176
0905	Mark Twain	MO	Hercules-Glades	116
0905	Mark Twain	MO	Irish	189
0905	Mark Twain	MO	Paddy Creek	183
0905	Mark Twain	MO	Piney Creek	175
0905	Mark Twain	MO	Rockpile Mountain	174
0906	Nicolet	WI	Blackjack Springs	132
0906	Nicolet	WI	Headwaters	191
0906	Nicolet	WI	Whisker Lake	133
0907	Ottawa	MI	McCormick	372
0907	Ottawa	MI	Sturgeon River Gorge	366
0907	Ottawa	MI	Sylvania	365
0908	Shawnee	IL	Bald Knob	395
0908	Shawnee	IL	Bay Creek	396
0908	Shawnee	IL	Burden Falls	397
0908	Shawnee	IL	Clear Springs	398
0908	Shawnee	IL	Garden of the Gods	399
0908	Shawnee	IL	Lusk Creek	400
0908	Shawnee	IL	Panther Den	401
0909	Superior	MN	Boundary Waters Canoe Area	45
0910	Hiawatha	MI	Big Island Lake	368
0910	Hiawatha	MI	Delirium	373
0910	Hiawatha	MI	Horseshoe Bay	370
0910	Hiawatha	MI	Mackinac	369
0910	Hiawatha	MI	Rock River Canyon	367
0910	Hiawatha	MI	Round Island	371
0912	Hoosier	PA	Charles C. Deam	182
0919	Allegheny	PA	Allegheny Islands	328
0919	Allegheny	PA	Hickory Creek	329
0920	Green Mountain	VT	Big Branch	193
0920	Green Mountain	VT	Breadloaf	192
0920	Green Mountain	VT	Bristol Cliffs	111
0920	Green Mountain	VT	George D. Aiken	195
0920	Green Mountain	VT	Lye Brook	112
0920	Green Mountain	VT	Peru Peak	194
0920	Green Mountain	VT	Glastenbury	435
0920	Green Mountain	VT	Joseph Battell	436
0921	Monongahela	WV	Cranberry	185
0921	Monongahela	WV	Dolly Sods	113
0921	Monongahela	WV	Laurel Fork North	186
0921	Monongahela	WV	Laurel Fork South	187
0921	Monongahela	WV	Otter Creek	114
0921	Monongahela	WV	Big Draft	443
0921	Monongahela	WV	Roaring Plains West	444
0921	Monongahela	WV	Spice Run	445

Region-Forest	Proclaimed National Forest	State	Wilderness	Value
0922	White Mountain	NH	Caribou-Speckled Mountain	388
0922	White Mountain	NH	Great Gulf	55
0922	White Mountain	NH	Pemiwegasset	196
0922	White Mountain	NH	Presidential Range-Dry River	105
0922	White Mountain	NH	Sandwich Range	197
0922	White Mountain	NH	Wild River	434

Region 10

Region-Forest	Proclaimed National Forest	State	Wilderness	Value
1000	Tongass	AK	Chuck River	390
1000	Tongass	AK	Coronation Island	140
1000	Tongass	AK	Endicott River	139
1000	Tongass	AK	Karta River	391
1000	Tongass	AK	Kootznoowoo	138
1000	Tongass	AK	Kuiu	392
1000	Tongass	AK	Maurelle Islands	142
1000	Tongass	AK	Misty Fiords	143
1000	Tongass	AK	Petersburg Creek-Duncan Salt Chuck	144
1000	Tongass	AK	Pleasant-Lemusurier-Inian	393
1000	Tongass	AK	Russell Fiord	146
1000	Tongass	AK	South Baranof	148
1000	Tongass	AK	South Etolin	389
1000	Tongass	AK	South Prince of Wales	145
1000	Tongass	AK	Stikine-LeConte	147
1000	Tongass	AK	Tebenkof Bay	149
1000	Tongass	AK	Tracy Arm-Fords Terror	150
1000	Tongass	AK	Warren Island	141
1000	Tongass	AK	West Chichagof-Yakobi	151

APPENDIX D. INSTRUCTIONS FOR THE OFFLINE FS-5100-29 ENTRY FORM

USES OF THE OFFLINE ENTRY FORM

The Offline Entry Form can be used to fill out an FS-5100-29 Individual Wildland Fire Report in the following two situations:

1. When there is no internet connectivity and a user cannot login to the FIRESTAT application. A user can use the Offline Entry Form to enter fire report data and save the report to a file which can be uploaded into the FIRESTAT database, once there is internet connectivity.
2. For a user without a FIRESTAT application account. A user can use the Offline Entry Form to enter fire report and save the report to a file, which can then be sent to a user with a FIRESTAT application account. The user with an account can upload the fire report into the FIRESTAT database.

DOWNLOADING AND SAVING THE OFFLINE ENTRY FORM

Before an Offline Entry Form can be used, it must be cached in the browser from the *FAMWEB* home page and saved on a user computer.

1. Using *Internet Explorer 11 (IE11)*, go to the *FAMWEB* home page: <https://fam.nwcg.gov/fam-web/>. Note the only internet browser allowed by the Forest Service, which supports the Offline Entry Form, is IE11.
2. Select **Electronic Forms** menu option.
3. Select the **Offline FS-5100-29 Entry Form** link to display the form. It will begin to load and then, in the form header, a message will indicate "Downloading offline resources: xxx%". Once it reaches 100%, it will indicate "Using Cache" and, at this time, a user can "Add to Favorites" (default favorite name is "FireStat Offline Editor").
4. Once cached or saved in IE, this form can be accessed and completed without internet connectivity by opening IE11 (even though not connected) and clicking on the "FireStat Offline Editor" favorite.
5. If changes are made to the FS-5100-29 or the LOVs, the form will need to be downloaded and cached again, after deleting the favorite and temporary internet files which contain the outdated version.

COMPLETING AN OFFLINE ENTRY FORM FOR A NEW FIRE REPORT OR UPDATING AN EXISTING FIRE REPORT (FROM A SAVED OFFLINE ENTRY FORM FILE)

A user may begin an Offline Entry Form with or without all the fire report information or may need to stop and start data entry. The Offline Entry Form can be saved on the user's computer for later data entry or completion.

1. Open IE11 and click on the "FireStat Offline Editor" favorite link. A message in the form header will indicate "Status: Using App Cache".
2. For a new fire report, click **New**. The message "New Record started." will appear under the **Status** Indicator and all of the required field names will be in bold italics and designated with a . Additionally, three (3) of the required fields will be marked with a , indicating a field required *to upload* a new record, i.e. the **Save (upload to Server)** button will only work after these 3 fields are completed. The form will also be populated with the same information and validation rules as in the FIRESTAT application.
3. For an existing fire report, click **Select File**. A pop up window will display the "Downloads" folder or the last folder in which a form was filed. Navigate to the appropriate folder, select the fire report ("name(xxx)(y).json") file, and click Open.

4. Complete the fields using the [Field Instructions](#), for which the user has the information, and then click **Save As File**. (Note: if internet connectivity is available, a user may click **Save (upload to Server)**, after which the fire report cannot be edited offline.)
5. A dialog box will appear at the bottom of the screen, allowing the user to **Open** or **Save** the report, with a default file name of “name(xxx).json” where the name is the Fire Name (if entered) and xxx is the SO Fire Number. Click **Save** and the file will be saved with the default name in the “Downloads” folder, or click on the **Save** drop-down arrow and choose **Save as** to rename the file and/or save it in a different location.
6. The fire report can be saved throughout data entry by clicking on **Save As File**. However, it is important to note that a new default file name will be inserted. Each time the file is saved, the default name will change to “name(xxx)(y).json where “y” is the number of times the file has been saved
 - a. For example, if a report for the Strawberry Peak fire with SO Fire Number 008 has been saved ten times, there will be ten files beginning with “Strawberry Peak(008)(1).json” through “Strawberry Peak(008)(10).json”.
 - b. This default name can be overridden, if desired, by entering another name or number in place of “y”.
8. Once offline data entry is complete, all previous files can be deleted and the most recently saved file, i.e. “Strawberry Peak(008)(10).json”, kept. This is the fire report that will be uploaded to the FIRESTAT database, using the instructions below.

[UPLOADING AN OFFLINE ENTRY FORM](#)

Before the fire report is uploaded to the FIRESTAT database, a user may e-mail it (.json file) to another user for editing, if the other user has the Offline Entry Form cached, or uploading. Note that while editing, if a user is *connected to the internet* and clicks **Save (upload to Server)**, the fire report will be uploaded to the FIRESTAT database server and the Offline Entry Form can no longer be used for editing. To upload from the on-line application:

1. Go to the *FAMWEB* home page: <https://fam.nwccg.gov/fam-web/>.
2. Login into **FIRESTAT**.
3. Select the **FIRESTAT** menu option.
4. Select the **Offline FS-5100-29 Entry Form** link.
5. Click **Select File**. A pop up window will display the “Downloads” folder or the last folder in which a form was filed. Navigate to the appropriate folder, select the fire report (“name(xxx)(y).json”) file, and click **Open**.
6. Click **Save (upload to Server)** to upload the fire report into the FIRESTAT database. A message will display “fire report ‘name(xxx)’ saved.”
7. Once the file has been saved (uploaded) to the FIRESTAT database server, if **Save (upload to Server)** is clicked again, a message will display indicating “A record with that Number already exists for this year and region/forest.”, i.e. the fire report (.json file) cannot be uploaded again. Any further updates must be completed in the on-line application on the [CREATE/EDIT TAB](#).

APPENDIX E. BLANK FS-5100-29 INDIVIDUAL WILDLAND FIRE REPORT

FS-5100-29 Individual Wildland Fire Report (Refer to FIRESTAT User Guide) Note: Highlighted fields are not needed for new reports.												
1. Fire Name			2. Local Fire Number (Local Use Only)									
3. Location		4. Township		Range		Section		Sub-Section		Principal Meridian		
5. Region-Forest	District	Fire Number	Unique Fire Identifier		6. Protecting Agency at Origin		7. Ownership Agency: Unit ID:		State	County at Origin	8. Fire Mgmt Zone	
9. Point of Origin in NAD 83 Latitude			Longitude		10. Ignition Date/Time			11. Discovery Date/Time				
12. Detection Method			Discovered By		13. Statistical Cause		General Cause		Specific Cause		Class of People	
14. Incident Job Code												
15. Initial Strategy					20. Exceeded Initial Response?							
<input type="checkbox"/> Suppression					<input type="checkbox"/> Yes <input type="checkbox"/> No							
<input type="checkbox"/> Point or Zone Protection					20a. Wildland Fire Situation Analysis (WFSA) Completed?							
<input type="checkbox"/> Confine					<input type="checkbox"/> Yes <input type="checkbox"/> No							
<input type="checkbox"/> Monitor					20b. Most Cost Effective (MCE) Selected as the Final Alternative?							
16. Managed for Multiple Objectives?					<input type="checkbox"/> Yes <input type="checkbox"/> No							
17. Identified in Large Complex?					20c. Incident Job Code After Exceeded Initial Response: .							
<input type="checkbox"/> Yes <input type="checkbox"/> No					20d. Exceeded Initial Response Date/Time: _____							
18. Acres Burned in WUI?					20e. NFDRS Fuel Model at time Exceeded Initial Response: .							
<input type="checkbox"/> Yes <input type="checkbox"/> No												
19. Wildland Fire Use Converted to Suppression?				<input type="checkbox"/> Yes <input type="checkbox"/> No								
21. Initial Response Date/Time				22. Response Strategy Attained Date/Time				23. Fire out Date/Time				
24. Resources Used in Initial Response												
Resource Type	Agency	Amount Used	Resource Type	Agency	Amount Used	Resource Type	Agency	Amount Used				
25. Estimated FS Suppression Cost (\$)			26. FS Acres (All Forests)		27. Non-FS Acres Prot by FS		28. Non-FS Acres Not Prot by FS		29. Total Acres Burned			
30. Fire Size Class		30a. Acres Burned as Wildland Fire Use			30b. Acres Burned after Conversion from WFU to Suppression			30c. Acres Burned in WUI				
31. FMZ MVC per Acre (\$)	32. Fire Intensity Level	33. Representative Weather Station	34. NFDRS Fuel Model	35. Cover Class	36. Slope Pct	37. Aspect	38. Elevation (Feet)					
39. Special Codes												
Value	Special Codes	Value	Special Codes	Value	Special Codes	Value	Special Codes					
40. Residences Destroyed			41. Other Structures Destroyed		42. Remarks							
43. Prepared by				44. Prepared Date			45. Approved by			46. Approved Date		
47. Supplement for Fire Acres Burned												
Prot Agency	Land Owner	FS Unit	Acres Burned	Prot Agency	Land Owner	FS Unit	Acres Burned	Prot Agency	Land Owner	FS Unit	Acres Burned	