

2012 Fire Season GIS Fire Perimeter Upload Instructions

Alaska Interagency Coordination Center
Tool and Button Help | GIS Tutorial | Projection | Disclaimer | WMS Feeds | Close Window | Debug

Fire Perimeter Upload

Index Map | Legend | Select | Find Location | Layers | Create PDF Map | Upload Fire Perimeter

Cursor Location: Scale: 1: 6,494,245 Quick View: Select a location Map Tool:

Fire Perimeter Upload Instructions

These actions only add the perimeter to the display, not to the database.

Upload Fire Perimeter Shape File

Shapefile Attribute File (**dbf**):

Shapefile Projection File (**prj**):

Shapefile Spatial File (**shp**):

Shapefile Spatial Index File (**shx**):

Draw Fire Perimeter

To add Markup as a perimeter:
Sketch one polygon as the fire perimeter using the polygon markup tool. Zoom to the fire before beginning markup using and/or then polygon markup

After completing the Perimeter, remember to add the markup to the map by pressing OK.

Click the "Upload Fire Perimeter" tab. Then press the "Save Polygon Markup as Fire Perimeter" button.

The rest of the process is the same as shape file perimeter submission.

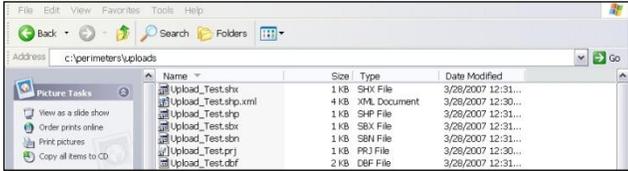
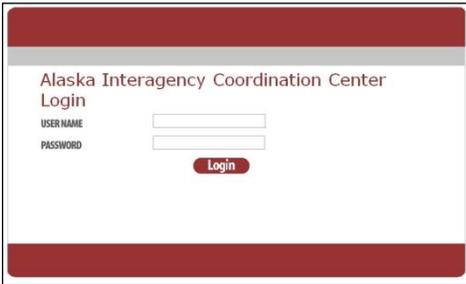
Complex polygons (interior unburned areas) and multiple part polygons (fires with spot fires) are not possible with this method.

FIRE PERIMETER UPLOAD PROCESS

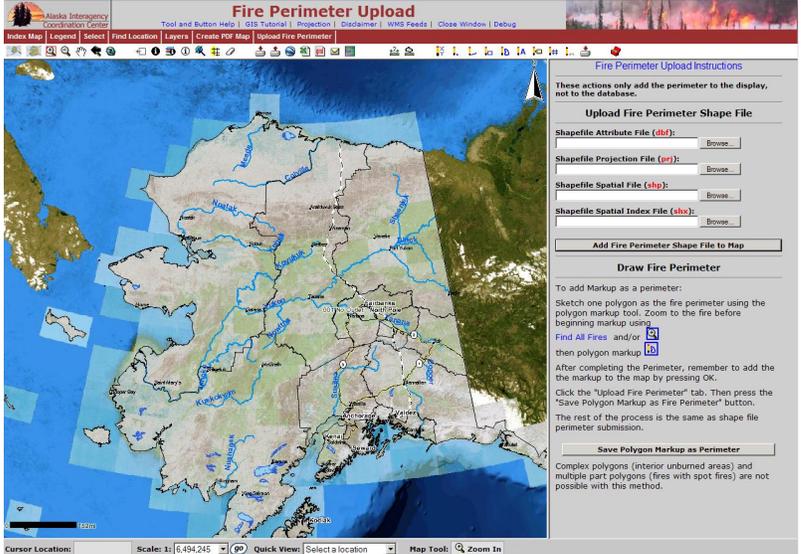
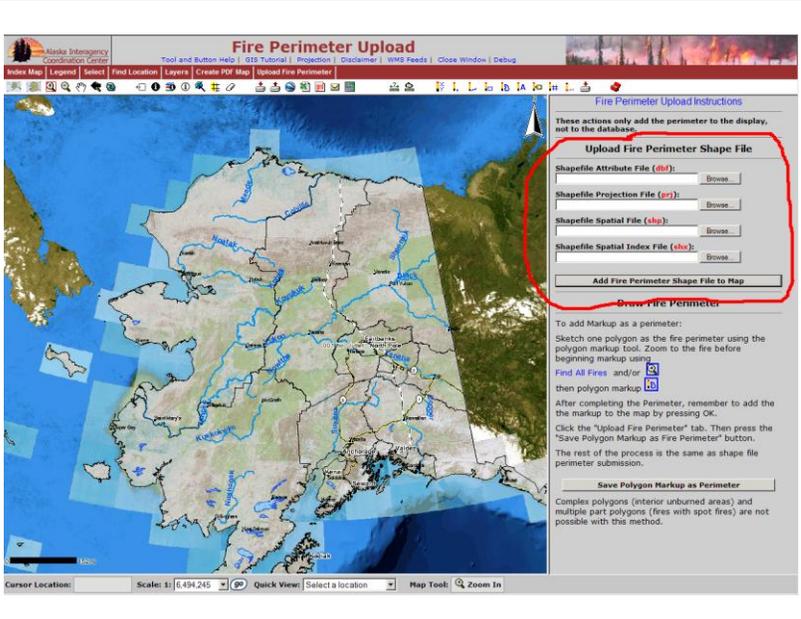
GENERAL STEPS TO UPLOAD FIRE PERIMETERS

1. Establish a login account with AICC GIS group.
2. Know where the shapefile is stored on your computer or be prepared to draw the perimeter on the mapping site.
3. Login to the fire perimeter upload site.
4. Add your shape file to the perimeter upload form or draw the fire perimeter.
5. Review your shape file or drawn fire perimeter on the map to ensure data quality.
6. Assign your perimeter to a fire record.
7. Provide perimeter collection date and time, and optional collection information.
8. Submit your perimeter to the upload site.
9. After AICC processes your shape file it will become viewable to the public on the AICC Fire information web-site within 24 hours.

The first three steps apply no matter how you are submitting a fire perimeter.

<p>1. Only AWFCG cooperating agencies may upload fire perimeters to the upload site. If you represent an AWFCG agency, and do not already have a login, contact one of the AICC Perimeter Upload Site Support Contacts listed at the right.</p>	<p style="text-align: center;"><u>Fire Perimeter Upload Site Support Contacts:</u></p> <ul style="list-style-type: none"> • Gary Schmunk (IT Specialist) Phone: (907) 356-5593 E-Mail: gschmunk@blm.gov • Hilary Rigby (GIS Specialist) Phone: (907) 356-5587 E-Mail: hrigby@blm.gov
<p>2. Know where the shapefile is stored on your computer or be prepared to draw the perimeter on the mapping site.</p> <p>The fire perimeter must be a full perimeter. Please do not submit partial fire perimeters.</p>	
<p>3. Use a web browser and go to the AICC Perimeter Upload Site. A login prompt like the one shown should prompt you for a user name and a password.</p>	

FIRE PERIMETER UPLOAD PROCESS

<p>4. If you are submitting a previously generated shapefile then perform steps 5 and 6. If you intend to draw the fire perimeter then proceed to step 7.</p>	
<p>5. Browse to the shape file you are submitting and attach all the associated files requested on the form (.dbf, .prj, .shp and .shx).</p>	

FIRE PERIMETER UPLOAD PROCESS

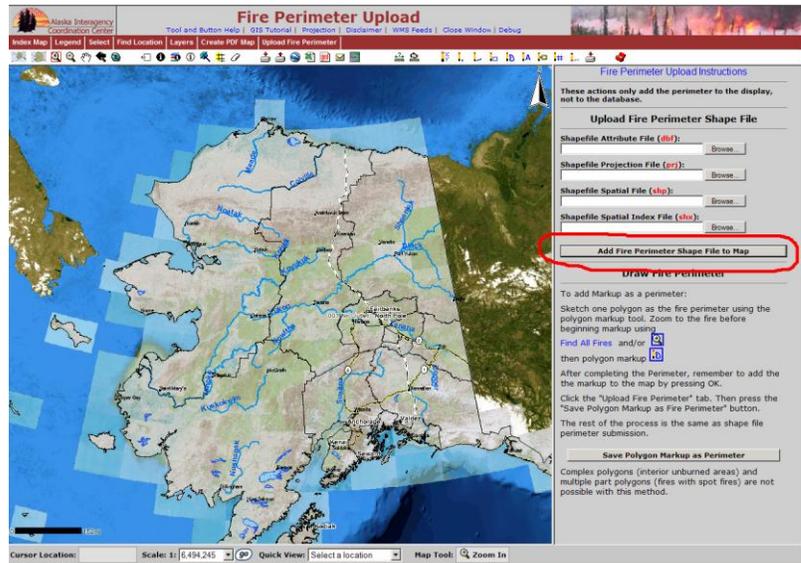
6. Press “Add Fire Perimeter Shape File to Map” to view the perimeter on a map.

Note: Pressing the “Add Fire Perimeter Shape File to Map” button does not submit it to the site. Submitting the perimeter to the site will occur only when the “Submit Fire Perimeter” button is pressed (in step 19).

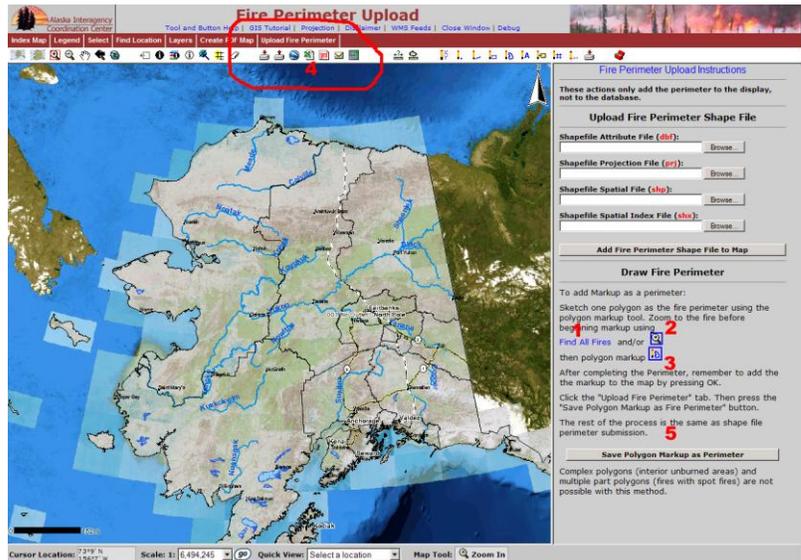
If the shape file has more than one polygon or is not a polygon file an error will be displayed.

If file types are incorrect, or if they do not match the shape file base name, an error message will be displayed. If this happens, select the correct file(s) and press “Add Fire Perimeter Shape File to Map” button again.

Proceed to step 11.



7. In order to successfully draw a fire perimeter you must zoom the map to a size appropriate for drawing the complete fire perimeter. You can do this with the [Find All Fires](#) (1) tool or the [Zoom](#) tool (2). Draw the Fire Perimeter using the [Polygon Markup](#) (3) tool.



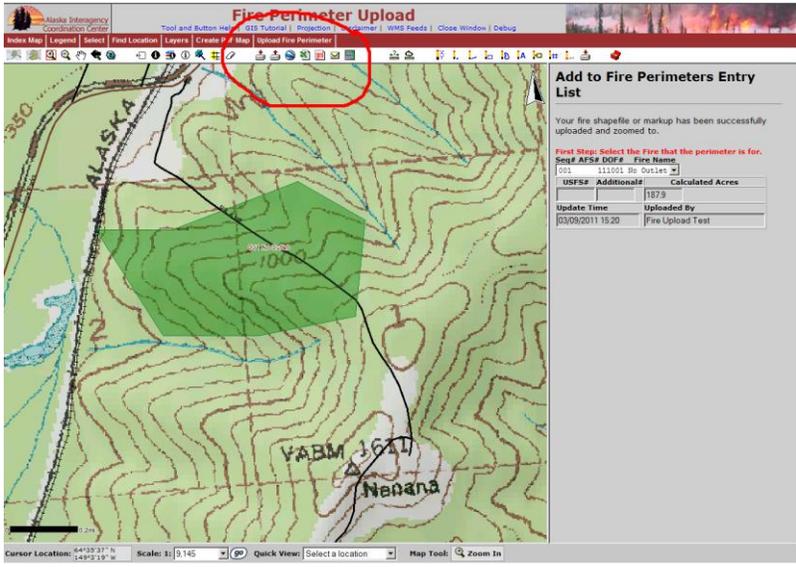
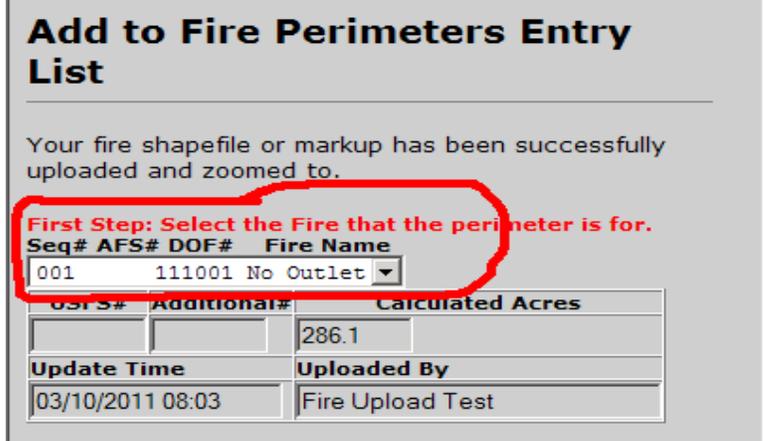
FIRE PERIMETER UPLOAD PROCESS

<p>8. After drawing the fire perimeter, remember to press the OK button to save the markup. The OK and edit control buttons won't appear until the first point is marked on the Fire Perimeter.</p>	<h3>Polygon Markup Tool</h3> <hr/> <p>3 points recorded. Click the map to add more points to the polygon, or click the OK button if you are finished drawing your polygon.</p> <p>To restart the polygon, click the Clear button.</p> <p><input type="button" value="OK"/> <input type="button" value="Clear"/> <input type="button" value="Delete Last Point"/></p>
<p>9. Select how the markup will be displayed on the map. The default values work fine. Press the OK button in this screen.</p>	<h3>Markup Symbol</h3> <hr/> <p>Choose the symbol used for your markup geometry.</p> <p>Fill type: <input type="text" value="solid"/></p> <p>Fill interval for non-solid types: <input type="text" value="6 pixels"/></p> <p>Fill color: <input type="text" value="blue"/></p> <p>Fill transparency: <input type="text" value="70% transparent"/></p> <p>Boundary color: <input type="text" value="black"/></p> <p>Boundary width: <input type="text" value="1 pixel"/></p> <p><input type="button" value="OK"/></p>

FIRE PERIMETER UPLOAD PROCESS

<p>10 Click the Upload Fire Perimeter tab (4). Then press the Save Polygon Markup as Perimeter Button (5). Proceed to step 11.</p>							
<p>11 If the shape file was successfully added in step 5 and 6 or the drawing is completed in steps 7, 8, 9, and 10 the map extent will automatically zoom to the fire perimeter area.</p> <p>Visually inspect the map details and confirm the perimeter is the one you want to upload.</p> <p>Proceed to step 12.</p>	<table border="1" data-bbox="1209 924 1421 1018"> <thead> <tr> <th>AFS#</th> <th>Additional#</th> <th>Calculated Acres</th> </tr> </thead> <tbody> <tr> <td>100</td> <td>11000</td> <td>1187.9</td> </tr> </tbody> </table>	AFS#	Additional#	Calculated Acres	100	11000	1187.9
AFS#	Additional#	Calculated Acres					
100	11000	1187.9					

FIRE PERIMETER UPLOAD PROCESS

<p>12 If the perimeter is not correct, use the “Upload Fire Perimeter” tab to go back to the “Upload Fire Perimeter” page (step 4 or 7 above) and add the correct shape file or redraw the fire perimeter. At this point in the process the uploaded or drawn perimeter has been added to the map as a shape file. The display of the loaded fire perimeter can be turned off from the Layers tab if you wish to start again.</p>													
<p>13 If the perimeter is correct, the next step is assign the fire perimeter to a fire. Select the correct fire from the drop-down list in the area to the right of the map.</p> <p>Once a fire has been selected, the form will expand to include more fillable fields.</p>	 <p>Add to Fire Perimeters Entry List</p> <p>Your fire shapefile or markup has been successfully uploaded and zoomed to.</p> <p>First Step: Select the Fire that the perimeter is for.</p> <p>Seq# AFS# DOF# Fire Name</p> <p>001 111001 No Outlet</p> <table border="1"> <thead> <tr> <th>USFS#</th> <th>Additional#</th> <th>Calculated Acres</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td>286.1</td> </tr> <tr> <td colspan="2">Update Time</td> <td>Uploaded By</td> </tr> <tr> <td colspan="2">03/10/2011 08:03</td> <td>Fire Upload Test</td> </tr> </tbody> </table>	USFS#	Additional#	Calculated Acres			286.1	Update Time		Uploaded By	03/10/2011 08:03		Fire Upload Test
USFS#	Additional#	Calculated Acres											
		286.1											
Update Time		Uploaded By											
03/10/2011 08:03		Fire Upload Test											

FIRE PERIMETER UPLOAD PROCESS

14. Provide Contact Information and the Date/Time the perimeter was collected. Do not use the Date/Time the perimeter is being submitted. This information is required.

a) The "Contact Field" will auto-populate if the user name contact information is known. You will need to type in this information before submitting the perimeter if contact information is missing.

b) Assign a date and time when the fire perimeter was collected.

Add to Fire Perimeters Entry List

Your fire shapefile or markup has been successfully uploaded and zoomed to.

First Step: Select the Fire that the perimeter is for.

Seq# AFS# DOF# Fire Name

001 111001 No Outlet

USFS#	Additional#	Calculated Acres
		286.1
Update Time		Uploaded By
03/10/2011 08:03		Fire Upload Test

Second Step: Provide email address and/or phone number and Set the Collection Date and Time of the perimeter.

Contact Information (required)

gschmunk@blm.gov, Phone: 907-356-5593

Perimeter Date (required)

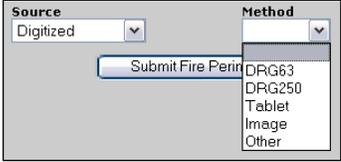
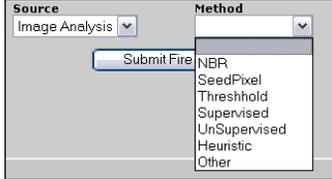
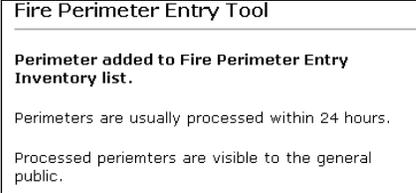
Mar 10 2011

Time (required)

FIRE PERIMETER UPLOAD PROCESS

<p>15 Fill in the optional information about the fire perimeter only if you know it. Leave these fields blank if this information is not known.</p> <p>If the perimeter was used for the final fire report, use the checkbox to flag the perimeter with this information.</p> <p>If needed, use the space provided for additional comments regarding perimeter collection. This might include a narrative of the collection method or source or the person responsible for collecting or supplying the perimeter.</p> <p>If you know the data collection source and method, select them from the dropdown lists. See below for Source and Method descriptions.</p>	<div style="background-color: #e0e0e0; padding: 10px;"> <h3 style="margin: 0;">Add to Fire Perimeters Entry List</h3> <hr/> <p>Your fire shapefile or markup has been successfully uploaded and zoomed to.</p> <p>First Step: Select the Fire that the perimeter is for.</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Seq#</th> <th style="text-align: left;">AFS#</th> <th style="text-align: left;">DOF#</th> <th style="text-align: left;">Fire Name</th> </tr> </thead> <tbody> <tr> <td>001</td> <td>111001</td> <td>No Outlet</td> <td></td> </tr> </tbody> </table> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">USFS#</th> <th style="text-align: left;">Additional#</th> <th style="text-align: left;">Calculated Acres</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td>187.9</td> </tr> </tbody> </table> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Update Time</th> <th style="text-align: left;">Uploaded By</th> </tr> </thead> <tbody> <tr> <td>03/09/2011 15:20</td> <td>Fire Upload Test</td> </tr> </tbody> </table> <p>Second Step: Provide email address and/or phone number and Set the Collection Date and Time of the perimeter.</p> <p>Contact Information (required)</p> <p>gschmunk@blm.gov, Phone: 907-356-5593</p> <p>Perimeter Date (required) Time (required)</p> <p>Mar 9 2011 16:00</p> <p>Third Step: Fill in Optional Information.</p> <p><input type="checkbox"/> Perimeter Is Used For Final Fire Report</p> <p>Comments About How The Perimeter Was Collected</p> <div style="border: 1px solid #ccc; height: 40px; width: 100%;"></div> <p>Source Method</p> <p style="display: flex; justify-content: space-between;"> <input type="text" value=""/> <input type="text" value=""/> </p> <p style="text-align: center; margin-top: 10px;"><input type="button" value="Submit Fire Perimeter"/></p> </div>	Seq#	AFS#	DOF#	Fire Name	001	111001	No Outlet		USFS#	Additional#	Calculated Acres			187.9	Update Time	Uploaded By	03/09/2011 15:20	Fire Upload Test
Seq#	AFS#	DOF#	Fire Name																
001	111001	No Outlet																	
USFS#	Additional#	Calculated Acres																	
		187.9																	
Update Time	Uploaded By																		
03/09/2011 15:20	Fire Upload Test																		
<p>16 <u>GPS and Differential GPS</u></p> <p>If the perimeter was collected by GPS or Differential GPS, select the method by which the GPS was operated during perimeter collection.</p>	<div style="background-color: #e0e0e0; padding: 10px;"> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Source</th> <th style="text-align: left;">Method</th> </tr> </thead> <tbody> <tr> <td>GPS</td> <td></td> </tr> </tbody> </table> <p style="text-align: center; margin-top: 5px;"><input type="button" value="Submit Fire Perimeter"/></p> <div style="border: 1px solid #ccc; padding: 5px; width: fit-content; margin-left: auto;"> <ul style="list-style-type: none"> Fixed Wing Helicopter ATV Foot Other </div> </div>	Source	Method	GPS															
Source	Method																		
GPS																			

FIRE PERIMETER UPLOAD PROCESS

<p>17 <u>Digitized</u> If the perimeter was digitized, use the Method dropdown list to identify how it was digitized. For example, if it was “head-up digitized” from a Inch To The Mile DRG, select DRG63. If it was from a GEOTIFF image, select Image.</p>	
<p>18 <u>Image Analysis</u> If the perimeter was collected using image analysis, select the method used that describes the type of image analysis.</p>	
<p>19 Once all the information has been entered, press the “Submit Fire Perimeter” button. This will submit the perimeter to the site.</p> <p>Note: There is no “Undo” option for this step, so be sure all information is correct before pressing the “Submit Fire Perimeter” button.</p>	
<p>20 An error message will appear if there was a problem with the perimeter submitted.</p> <p>A successful upload will display a message stating the perimeter has been added to the Fire Perimeter Entry Inventory. This will be your only confirmation that the perimeter has been uploaded to the site.</p>	

FIRE PERIMETER UPLOAD PROCESS

21 The AICC/AFS GIS Group will perform a quality control check on the submitted perimeter. If no errors are detected, it will be made viewable to the public within 24-hours from submittal.

Uploaded perimeters waiting to be quality checked but not available to the public will be immediately viewable through the Perimeter Upload site.

Perimeters that have been processed will be viewable through the Upload Site and the AICC public web-site.

[AICC Fire Mapping Site](#)

