

New Spot Forecast interface

This site went live June 1st and we are able to test externally. We will abandon the old request method after October 17st 2016 and will use the new page exclusively.

Step 1

Step 2

Step 3

Step 4

The screenshots show the following steps:

- Step 1:** Navigating to the National Weather Service Experimental Spot Forecast Request page. The "Submit Spot Request" button is highlighted with a red circle.
- Step 2:** Establishing the incident location. Options include entering a street address, zip code, or Lat/Lon, or dragging a pointer on a map. A map of the United States is shown with a red marker.
- Step 3:** Proceeding to the detailed incident request form. The "Set Incident Type" section is shown with options for Fire, Hazardous Materials, Search and Rescue, and Marine.
- Step 4:** Filling out the detailed incident request form. The "Spot Forecast Incident Type: Prescribed Fire" section is shown, including contact information and reasons for the request.

Step 1: Navigate to new site

<http://weather.gov/spot> and click on the "Submit Spot Request" button

Step 2: Establish Incident Location

Enter location as an address, Lat/Long, US National Grid Location, or drag and drop red marker on the map

Step 3: Select Incident Type and Generate Request

Incident selection is important because it determines which weather elements will be offered on the next page of the request form.

Step 4: Incident Detail

This page of the form is tailored by the responsible forecast office. Required fields are highlighted in red.

Spot Forecast Monitor

NWS Spot Forecast Monitor

Submit New Spot Request

Calendar

Spot Monitor Legend

- W = Wildfire
- P = Prescribed
- H = Hazmat
- S = SAR
- M = Marine
- Completed
- Pending
- Question

Permalink for page bookmark

Active Spot Forecasts				
Name	Type/Start Time	Status	WFO	Actions
Example	Wildfire	Request pending	BYZ	Submit Obs
TEST Process	Wildfire	Request pending	BYZ	Submit Obs
TEST Process 2	Wildfire	Request pending	BYZ	Submit Obs
TEST - Month Day	Wildfire	Request pending: Question asked	BYZ	Submit Obs
Test - New NWS Spot	Wildfire	Request pending	BYZ	Submit Obs

The new monitor allows you to monitor all incidents on one page. When an incident is finished, it will be closed by the local forecast office, moving it to an archive. There will be one line per incident and only the latest forecast will be available. The “Submit Obs” link has been added for each incident, allowing customers to submit observations without having to submit a new request.

New Spot Forecast Page

Example

Wildfire

Forecast Start Time: 2014-06-11 4:00 PM MDT
 Request Time: 2014-06-11 4:30 PM MDT
 Forecast Complete At:

Requested By: NWS
 Contact: Virgil Middendorf
 Phone: 406-652-0851 ext 235
 Fax: 406-652-1909



Location Legal:
 Lat/Lon: 45.8325 / -108.444
 Quad:
 Calculated: 45.8325 / -108.444

Elevation: 3162
 Drainage:
 Aspect: Flat
 Size: 1
 Fuel Type: Grass (partial)

Observations										
Site	Date	Elev	Wind	Temp	WB	RH	Td	Sky	Vx	Rmks
No observations available										

Requested Parameters Remarks
 X X X . Sky/Weather test
 X X X . Max/Min Temperature
 X X X . Max/Min Humidity
 X X X . Wind (20 FT)
 X X X . Chance of Wetting Rain
 X X X . Lightning Activity Level
 Ridge Top Winds

Forecast:

Not Yet Completed

NWS Actions: Ask Question Initialize Forecast

[Back to Forecast Monitor](#) [Change Request](#) [Copy Info to Spot Request for a New Incident](#) [Copy Info to New Spot Request for this Incident](#) [Delete Request](#)

NWS Actions will appear for responsible WFO (or back-up) only.

Please Provide Feedback:

NWS Actions: Correct Forecast

[Printer Friendly Version of Forecast](#)

[Back to Forecast Monitor](#) [Copy Info to Spot Request for a New Incident](#) [Copy Info to New Spot Request for this Incident](#) [Delete Request](#) [Request Immediate Forecast Update](#)

***NEW!**

***NEW!**

NWS Actions will appear for responsible WFO (or back-up) only.

New actions available to the spot forecast requestor: If something is going wrong with the forecast, you can request a new one straight from your previous spot request! The NWS forecaster could also generate a new request using this link if he or she decides that the spot needs to be updated. The customer can also enter new observations that would support the request for a new spot using this link.

The "Copy Info..." link will come in handy for those who wish to reschedule to next needed spot forecast for an incident without the need to re-enter most of the information.

Other Info

- If you would rather see someone physically go through the page in a video, the weather forecast office in Billings made a nice one that works for any office:
<https://www.youtube.com/watch?v=4Or6fITaAHM&authuser=0>
 - Partners will still need to contact the WFO to request recurring spot forecasts.
 - If the requestor wants the spot delivered in the future (i.e. the partner requests a recurring spot before they go home for the day to be delivered the following morning), then the forecast staff will be alerted in AWIPS 6 hours prior to the “Deliver date/time” entry.
 - Deliver date/time is replacing “Ignition date/time” from the old system
 - Added ability to request a HYSPLIT trajectory model run
 - There is a radio button on the spot request page that will generate a HYSPLIT trajectory run
 - Defaults: NAM12 model, static levels of 500, 1500 and 3000 meters AGL, trajectory run based on ignition time only
 - Output emailed to address input at the top of the request
-