

# EXPERIMENTAL SPOT REQUEST PAGE

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<http://weather.gov/spot>

PAGE LINK: [HTTP://WEATHER.GOV/SPOT](http://weather.gov/spot)

- Still in “Experimental” phase
- Testing will go on through October 31<sup>st</sup>
- Please try out the page and submit any feedback using the link below
  - <http://www.nws.noaa.gov/survey/nws-survey.php?code=SPOTWEBPAGE>
- You can either use the page to submit an actual spot request, or send a “test” request to practice using it
- Current / old Spot page: <http://spot.nws.noaa.gov/cgi-bin/spot/spotmon?site=sto>

# SPOT HOME PAGE

**National Weather Service**  
**Experimental Spot Forecast Request**

Home   NWS Home   News   Organization

**Experimental**

The Spot Forecast Request is an experimental product/service that will be posted to this page for evaluation until the end of the year. During this period, we encourage your comments or suggestions for improvements using the electronic survey provided. Your feedback will help us determine product/service utility, if modifications are needed, and whether the product/service should become part of our operational suite.

**Spot Forecast Request**

**NOTICE** - This interface is intended to be used solely for the relay of forecast information to the National Weather Service. Submissions sent through this online form are intended for internal agency use. We are required (by e-Gov Act of 2002) to explicitly state that submission of any information is voluntary. For further information please read our [Privacy Policy](#) and [Disclaimer](#). False statements on this form may be subject to prosecution under the False Statement Accountability Act of 1996 (18 U.S.C. § 1001) or other statutes.

**Incident and Decision Support Forecast Request**

This site is the National Weather Service interface to requesting, filling, and monitoring spot forecasts issued by our Forecast Offices and National Centers.

[Click here to provide 'Spot Webpage Testing Feedback'](#)

**Submit Spot Request**  
**Interactive Request:**  
Request a spot forecast using an interactive map, with or without a Lat/Lon of the incident.

**Monitor Spot Forecasts**  
**Monitor:**  
Use this to monitor existing spot requests and forecasts.

[Click here for support or feedback](#)  
Please take the [online survey](#) to let us know what you think of this interface.  
[Download the Product Description Document \(PDD\)](#)

Click "buttons" on the bottom to either submit a new request or go to the page with existing requests to modify your request or retrieve your forecast

# FIRST PAGE OF REQUEST

## Step 1: Establish incident location using A or B below.

### A. Set request location using nearest street address.

**Note 1:** Valid entries are street address, zip code, city, state, or latitude & longitude.

**Note 2:** Latitude & Longitude will return the nearest street address. For exact latitude and longitude points use Step B entry below.

**Note 3:** City, State, and Zip Code will return a geographic centers.

- OR -

### B. Set request location using latitude & longitude, USNG, or drag the map pointer to spot location below.

**Note 1:** If the map below does not appear you may enter your decimal Lat/Lon below.

**Note 2:** To start over click the Reload button on your Web Browser.

**Note 3:** Latitude, Longitude information should be entered in WGS84/NAD83 coordinates in order to ensure accurate forecast locations.

#### Decimal Degree Latitude, Longitude

West Longitudes Are Negative

Example: 25.6319 -80.2025

#### United States National Grid (USNG)

Valid for points between 84N and 80S Latitude

Require 13 character grid - 10 meter precision

Example: 18SUJ23480647

#### Degree, Minute, Seconds

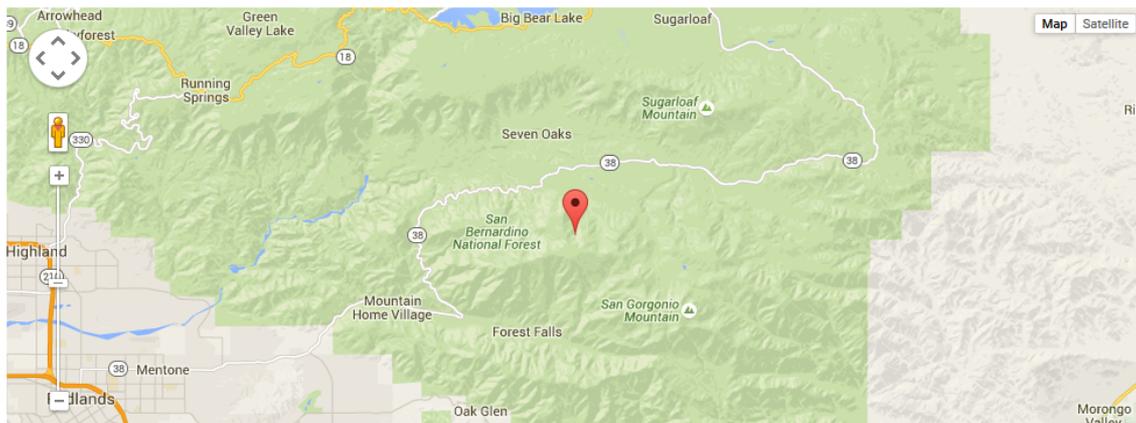
Can accept decimal minutes as an input

Example: 25 deg 19 min 23 sec W

#### Elevation

Latitude & Longitude value used to determine elevation.

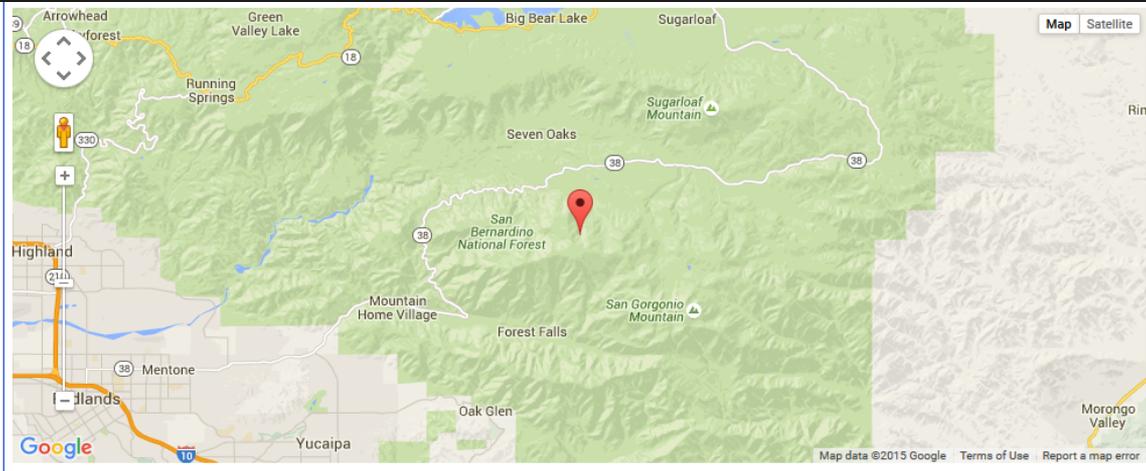
If elevation data is in error, changes can be made on the second page of this spot request.



3 options to select a location:

- Enter a street address
- Enter lat/lon or USNG
- Move the marker on the map (click/hold and drag the marker to desired location). This will populate the lat/lon and USNG fields.

# FIRST PAGE OF REQUEST



## Step 2: Select the incident type for the request.

### Set Incident Type

- Fire**
- Wildfire  Prescribed Fire
- Hazardous Materials**
- HAZMAT Land  HAZMAT Inland Waterway
- Search and Rescue**
- SAR Land  SAR Water
- Marine
- Other (Volcano, Earthquake, Special Event)
- Check to send *TEST* message only

Check this box if you would like to practice using the new page without submitting a real spot request

## Step 3: Proceed to detailed incident request form.

After setting your location and incident type above, click on the "Generate A Spot Request" button below to proceed to the SPOT request form.

Generate A Spot Request

## Select Incident Type

### NEW:

- Land vs Water HAZMAT and SAR!
- Marine
- Other

Click the "Generate A Spot Request" button to move onto the next page of options

# SECOND PAGE OF REQUEST

## Spot Forecast Incident Type: Wildfire

### Spot Request Contact Information

(\*) PROJECT NAME:

For NWS Spot forecast policy,  
see section 4.0 in NWS Instruction 10-401 at:  
<http://www.nws.noaa.gov/directives/010/010.htm>

(\*) Requesting Agency:  (\*) Requesting Official:

(\*) E-mail address:  (\*) Phone number:  Phone Extension:

Contact Person:  FAX number:

### Location

(WGS84 / NAD83 preferred)

(\*) Latitude:  34.1363 7.5' Quad:

(\*) Longitude:  -116.8916

TOP BOTTOM

Elevation: 9100  Feet  Feet

(Elevation preferred in feet)

### Fire Weather Supplemental Information

Drainage:  Size:

(In Acres)

Aspect:  Fuel Type:

### Sheltering

Full  Partial  Unsheltered

Fill in the fields as before. These will vary slightly depending on incident type (Wildfire was selected in this example)

# SECOND PAGE OF REQUEST

**Forecast Information**

DELIVER FORECAST      FORECAST STARTING      TIMEZONE  
Date: 10/28/2015      Date: 10/28/2015      (Local Time)  
Time: As Soon As Possible      Time: 06:00      PACIFIC

Narrative      FORECAST FORMAT      Tabular Time Table Interval  
1 Hr      1 Hr      1 Hr

Today	Tonight	Thursday	Select All Periods
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Sky/Weather <input type="checkbox"/>
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Max/Min Temperature <input checked="" type="checkbox"/>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Max/Min Humidity <input type="checkbox"/>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Wind (20 FT) <input type="checkbox"/>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Chance of Wetting Rain <input type="checkbox"/>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Lightning Activity Level <input type="checkbox"/>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Wind (Eye Level) <input type="checkbox"/>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Ridge Top Winds <input type="checkbox"/>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Mixing Height <input type="checkbox"/>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Mixing Winds <input type="checkbox"/>

**NOAA Hysplit Model**

Would you like to include a run of the Hysplit Model with this request? If so please verify your email address above as this will be used to send you the hysplit model run.

YES  
 NO

**Remarks**

- Select forecast elements
- Whether or not you'd like a Hysplit run (useful for smoke and HAZMAT situations)
- Enter any remarks, concerns for the day and/or special instructions (e-mail or faxes required, etc)

# SECOND PAGE OF REQUEST

**Forecast Information**

**DELIVER FORECAST**  
Date: 10/28/2015  
Time: As Soon As Possible

**FORECAST STARTING**  
Date: 10/28/2015  
Time: 06:00

**TIMEZONE**  
(Local Time)  
PACIFIC

Narrative FORECAST FORMAT  
1 Hr 1 Hr 1 Hr Tabular Time Table Interval

Today	Tonight	Thursday	Select All Periods
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Sky/Weather <input type="checkbox"/>
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Max/Min Temperature <input checked="" type="checkbox"/>
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<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Wind (20 FT) <input type="checkbox"/>
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<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Mixing Height <input type="checkbox"/>
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**NOAA Hysplit Model**  
Would you like to include a run of the Hysplit Model with this request? If so please verify your email address above as this will be used to send you the hysplit model run.  
 YES  
 NO

**Remarks**

## NEW

- Select what day/time you want your forecast completed by under the “Deliver Forecast” section (either ASAP or a specified time)
- Select the day/time you want the forecast to start (this was the only option in the old version)



# SECOND PAGE OF REQUEST

### Observations

(-) When submitting an observation, the yellow fields are required in addition to at least one weather element.

WX OB 1	WX OB 2	WX OB 3	WX OB 4	WX OB 5
<input type="checkbox"/> Remove Ob				
(-)Site: <input type="text"/>				
(-)Date: <input type="text"/>				
(-)Time: <input type="text"/> (Local)				
(-)Elev: <input type="text"/>				
Wind Dir: <input type="text"/>				
Wind Spd: <input type="text"/>				
Temp: <input type="text"/>				
WB: <input type="text"/>				
RH: <input type="text"/>				
Td: <input type="text"/>				
Sky: <input type="text"/>				
Wc: <input type="text"/>				
Rmks: <input type="text"/>				

### Submit Spot Request

Clicking the button below will create a one time spot request.

This request will be processed and a forecast will be generated by the servicing forecast office at the time they receive the spot request.

At any time until the expiration of this forecast, another immediate spot request may be generated off of the original request. Additionally, the immediate spot request can be converted into a scheduled request by contacting your servicing forecast office .

Fill in any nearby obs if available (this is very helpful for forecasters!) and hit submit!

# BACK TO THE SPOT HOME PAGE

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**Experimental Spot Forecast Request**

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**Incident and Decision Support Forecast Request**

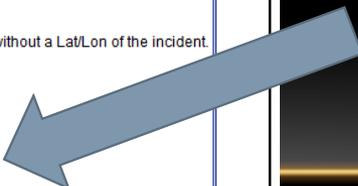
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<b>Submit Spot Request</b>	<b>Interactive Request:</b> Request a spot forecast using an interactive map, with or without a Lat/Lon of the incident.
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Lets look at the spot monitor page now!



# SPOT 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

Defaults to a national map.  
Zoom in to Northern CA to find  
your request or select from the  
list below.

Active Spot Forecasts				
Name	Type/Start Time	Status	WFO	Actions
Test Spot FWS	Prescribed 2015-10-26 4:00 PM CDT	Request pending	ABR	Submit Obs
TEST 1	Prescribed 2015-10-26 11:00 AM CDT	Completed: 2015-10-26 10:29 AM CDT	ABR	Submit Obs
Test_Fire_BOU Test	Wildfire	Request pending	BOU	Submit Obs
Final Test	Wildfire	Completed: 2015-09-10 7:25 PM MDT	CYS	Submit Obs
Cheyenne Test3	Wildfire	Completed: 2015-09-09 2:20 PM MDT	CYS	Submit Obs
Vandehi Fire	Prescribed 2014-07-01 8:00 AM MST	Request pending	CYS	Submit Obs
Test	Prescribed 2015-03-08 8:00 PM CDT	Request pending	DLH	Submit Obs
TEST TEST TEST	Prescribed 2015-10-21 7:00 PM CDT	Request pending	EAX	Submit Obs
NWS GJT test	Other	Request pending	EAX	Change Request   Submit Obs
test	SAR	Request pending	EAX	Submit Obs
Preview Test	Wildfire	Request pending	EAX	Submit Obs
STO Product Test	Prescribed	Request pending	EAX	Submit Obs

# SPOT MONITOR

## NWS Spot Forecast Monitor

**Yosemite SPOT Test**  
(37.8505 -119.492) WFO: HNX  
Request Made: 2015-07-28 10:59 AM PDT  
Request Fill: 2015-07-28 11:04 AM PDT

View | Submit Obs | Close

**Submit New Spot Request**

Calendar

**Spot Monitor Legend**

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

## NWS Spot Forecast Monitor

**Antelope**  
(35.0798 -118.458) WFO: HNX  
Request Made: 2015-09-10 8:36 AM PDT  
Request Fill: Incomplete

View | Change Request | Submit Obs | Close

**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

Clicking on a map marker will open an info window where you can view the request/forecast, change the request (if spot is pending), and submit obs

These options are also available in the table below the map

# SPOT MONITOR

## Yosemite SPOT Test

### Wildfire

Forecast Start Time: 2015-07-29 7:00 PM PDT  
 Request Time: 2015-07-28 10:59 AM PDT  
**Forecast Complete At: 2015-07-28 11:04 AM PDT**

Requested By: NWS  
 Contact: NWS  
 Phone: 5598568547  
 Fax:



#### Location Legal:

Lat/Lon: 37.8505 / -119.492  
 Quad:  
 Calculated: 37.8505 / -119.492

Elevation: 9356  
 Drainage:  
 Aspect:  
 Size:  
 Fuel Type:

#### Observations

Site	Date	Elev	Wind	Temp	WB	RH	Td	Sky	Wx	Rmks
------	------	------	------	------	----	----	----	-----	----	------

No observations available

#### Requested Parameters

#### Remarks

X X X X Sky/Weather  
 X X X X Max/Min Temperature  
 X X X X Max/Min Humidity  
 X X X X Wind (20 FT)  
 X X X X Surrounding Ridge Winds  
 X X X X Mixing Height  
 X X X X Transport Winds

#### Forecast:

FORECAST IS BASED ON REQUEST TIME OF 7:00 PM PDT ON JUL 29  
 IF CONDITIONS BECOME UNREPRESENTATIVE...CONTACT THE NATIONAL WEATHER  
 SERVICE.

.DISCUSSION...TEST...SPOT FORECAST LOOKS GREAT! HAVE A HAPPY DAY!

.TONIGHT...  
 SKY/WEATHER.....<>  
 TEMPERATURE.....<MIN xx>  
 HUMIDITY.....<MAX xx PCT>  
 WIND - 20 FOOT.....<xx MPH>  
 SURROUND RIDGE WIND.<xx MPH>  
 MIXING HEIGHT.....<xx FEET>

Forecast page example

## A FEW NOTES...

Because this is an experimental page and may still have some bugs, if a forecaster does not get in touch with you within 5-10 min of your request submission, please call us and make sure we received it. **(916) 979-3047**

If the new page fails to work, the old spot request page is still available to use. Any errors you encounter should be noted in the feedback form.

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# THE END!

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For any questions about how to use the spot forecast page or its content, please contact  
**[jason.clapp@noaa.gov](mailto:jason.clapp@noaa.gov)**

To provide feedback on the page, go to <http://www.nws.noaa.gov/survey/nws-survey.php?code=SPOTWEBPAGE>

**Thank you** and enjoy the much anticipated new page!