

# New NWS Online Spot Program

## Part II – Monitor Spot Forecasts





National Weather Service

## Experimental Spot Forecast Request

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### 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.




[www.weather.gov/spot](http://www.weather.gov/spot)

- Two Options On This Page
  - Submit Spot Request
  - Monitor Spot Forecasts
- This tutorial will focus on monitoring spot forecasts. When using the new online spot request page in real time, select the Monitor Spot Forecasts button to continue.



National Weather Service Spot Program Links Monitor Page

### NWS Spot Forecast Monitor



Map Satellite

Submit New Spot Request

Calendar

**Spot Monitor Legend**

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

Permalink for page bookmark  
X:198.206.38.105, 10.2.179.93

Name	Type/Start Time	Status	WFO	Actions
2 miles northwest houghton	Wildfire	Completed: 2016-08-10 12:52 AM MDT	ABR	Submit Obs
War Creek Fire	Wildfire	Completed: 2016-07-27 2:42 PM MDT	ABR	Submit Obs
War Creek Fire	Wildfire	Completed: 2016-07-26 8:42 AM MDT	ABR	Submit Obs
War Creek Fire	Wildfire	Completed: 2016-07-25 10:46 AM MDT	ABR	Submit Obs
WAR CREEK	Wildfire	Completed: 2016-07-24 11:40 PM CDT	ABR	Submit Obs
WAR CREEK	Wildfire	Request pending	ABR	Submit Obs
WAR CREEK	Wildfire	Request pending	ABR	Submit Obs
WAR CREEK	Wildfire	Completed: 2016-07-24 4:43 AM CDT	ABR	Submit Obs
Thompson WPA	Prescribed 2016-07-21 1:00 PM CDT	Completed: 2016-07-21 9:21 AM CDT	ABR	Submit Obs

**NOTE – its probably best to zoom in on your area of interest to better see your spot request as the list of spots will only show what is displayed on the map. The next slide is an example of zooming in on a particular area to better view your request.**

- This is the main NWS Spot Forecast Monitor page.
- The display is national in scope and you can see both pending and completed forecasts for the entire country.
- To view a spot forecast you need to click on the name of the spot forecast under the Name column (below the map).
- Remember you can zoom in/out on the map to focus in on a particular area.



Request Page

National Weather Service Spot Program Links

Monitor Page









## NWS Spot Forecast Monitor



Submit New Spot Request

 Calendar

### Spot Monitor Legend

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X:198.206.38.105

### Active Spot Forecasts

Name	Type/Start Time	Status	WFO	Actions
Test Burn Test	Prescribed 2016-08-09 9:00 PM EDT	Completed: 2016-08-09 8:56 PM EDT	BTV	Submit Obs   Close

*Here is the map zoomed in on a particular area, which helps find our spot forecast easier. Now let's take a look at the components that make up the NWS Spot Forecast Monitor page.*





Request Page

1

National Weather Service Spot Program Links

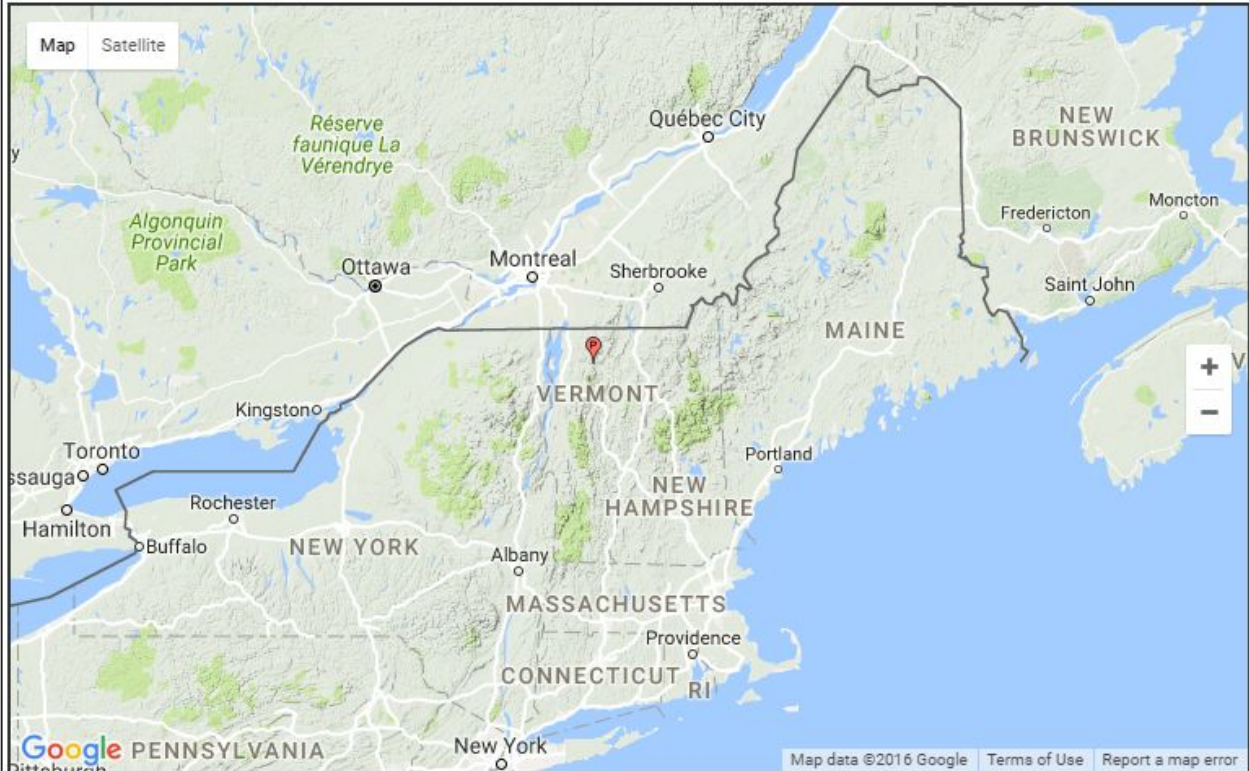
Monitor Page

## NWS Spot Forecast Monitor









1

Submit New Spot Request

 Calendar



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X:198.206.38.105

### Active Spot Forecasts

Name	Type/Start Time	Status	WFO	Actions
Test Burn Test	Prescribed 2016-08-09 9:00 PM EDT	Completed: 2016-08-09 8:56 PM EDT	BTV	Submit Obs   Close

**1 – Submit New Spot Request (two options): you can use either the Submit New Spot Request link (upper right) or the yellow Request Page button (upper left) to start the process of requesting a new spot forecast.**



Request Page

National Weather Service Spot Program Links

Monitor Page









### NWS Spot Forecast Monitor



Submit New Spot Request

 Calendar **2**

#### Spot Monitor Legend

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-  Question

Permalink for page bookmark  
 X:198.206.38.105

#### Active Spot Forecasts

Name	Type/Start Time	Status	WFO	Actions
Test Burn Test	Prescribed 2016-08-09 9:00 PM EDT	Completed: 2016-08-09 8:56 PM EDT	BTV	Submit Obs   Close

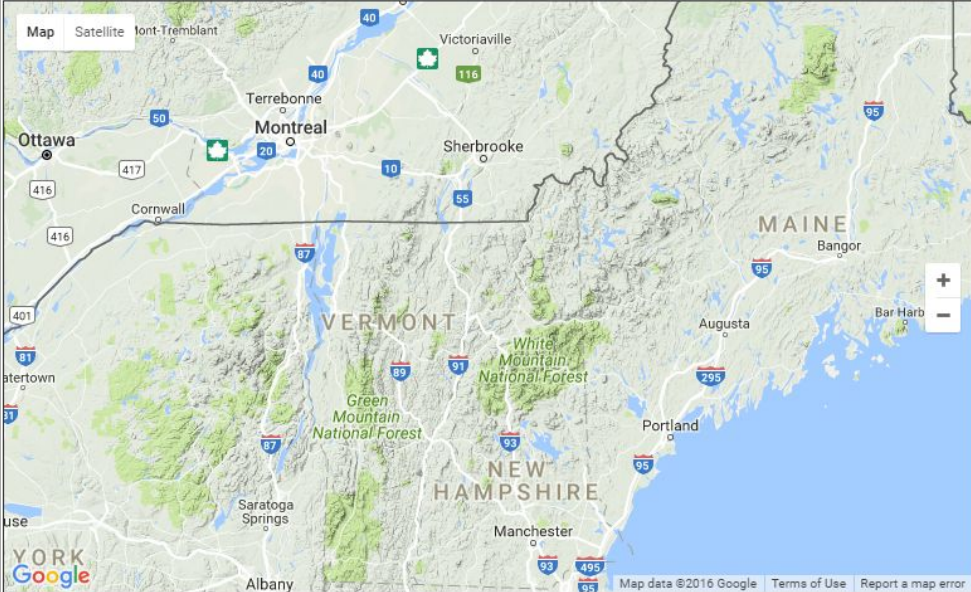
**2 – Calendar: click the Calendar link and you will be taken to a page which allows you to view active or archived spot requests from the current month or previous months and years.**





Request Page
National Weather Service Spot Program Links
Monitor Page

### NWS Spot Forecast Calendar



## August 2016

- Active Requests
- Archived Requests

Aug | 2016

[Back to Forecast Monitor](#)

B

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
	1	2	3	4	5	6
7	8	9	10 1 SPOT request in map area	<span style="font-size: 2em; color: red; border: 2px solid red; border-radius: 50%; padding: 5px;">C</span>	12	13
14	15	16	17	18	19	20

2 – Calendar: sample page showing options to select active or archived requests (A), changing months/years (B), and selecting a spot using the current month’s calendar (C).



Request Page

National Weather Service Spot Program Links

Monitor Page

## NWS Spot Forecast Monitor











Submit New Spot Request

 Calendar

Spot Monitor Legend

3

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-  M = Marine
-  Completed
-  Pending
-  Question

Permalink for page bookmark  
X:198.206.38.105

### Active Spot Forecasts

Name	Type/Start Time	Status	WFO	Actions
Test Burn Test	Prescribed 2016-08-09 9:00 PM EDT	Completed: 2016-08-09 8:56 PM EDT	BTV	Submit Obs   Close

**3 – Spot Monitor Legend: the spot monitor legend is the same as what is on the spot request page, which shows you the type of spot forecast and if its completed, pending, or has a question.**



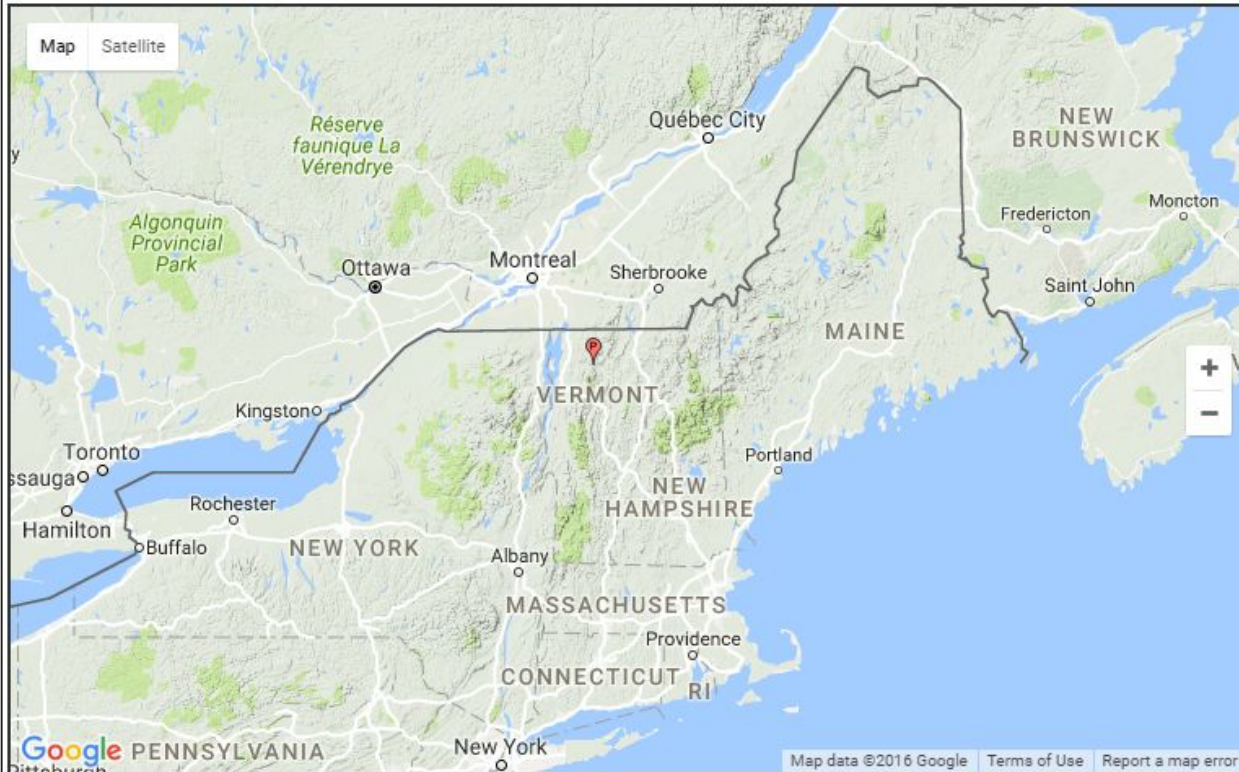


Request Page

National Weather Service Spot Program Links

Monitor Page









### NWS Spot Forecast Monitor



Submit New Spot Request



#### Spot Monitor Legend

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#### Active Spot Forecasts

Name	Type/Start Time	Status	WFO	Actions
Test Burn Test	Prescribed 2016-08-09 9:00 PM EDT	Completed: 2016-08-09 8:56 PM EDT	BTV	Submit Obs   Close

**4 – Permalink:** click the Permalink for page bookmark link and a web link will be made in your browser to share with others that might be interested in monitoring this spot. The next slide provides an example of the permalink.

www.weather.gov/spot/monitor/?lat=44.41565974898016&lon=-73.10834648437503&z=8

National Weather Service

## Experimental Spot Forecast Monitor

Home NWS Home News Organization

Search for:

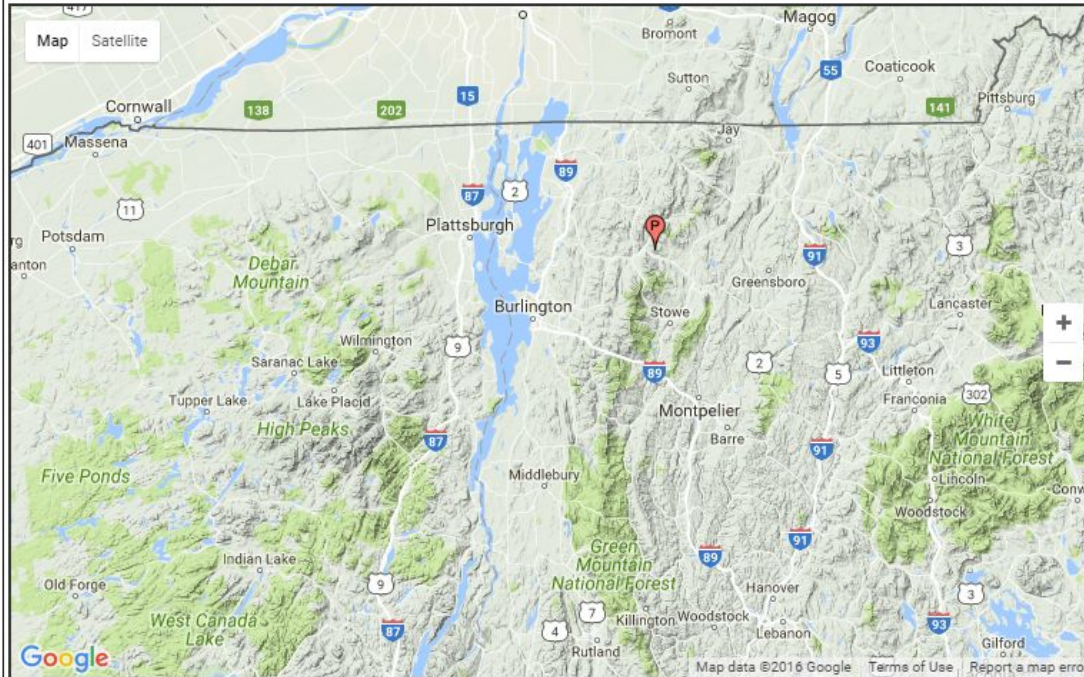
NWS All NOAA Go

Request Page

National Weather Service Spot Program Links

Monitor Page

### NWS Spot Forecast Monitor



Submit New Spot Request

Calendar

#### Spot Monitor Legend

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- Completed
- Pending
- Question

Permalink for page bookmark  
X:198.206.38.101

**4 – Permalink: notice the new link created in your web browser above the NWS Spot Forecast Monitor page. You can copy this link and e-mail to anyone that may need to see the spot request.**



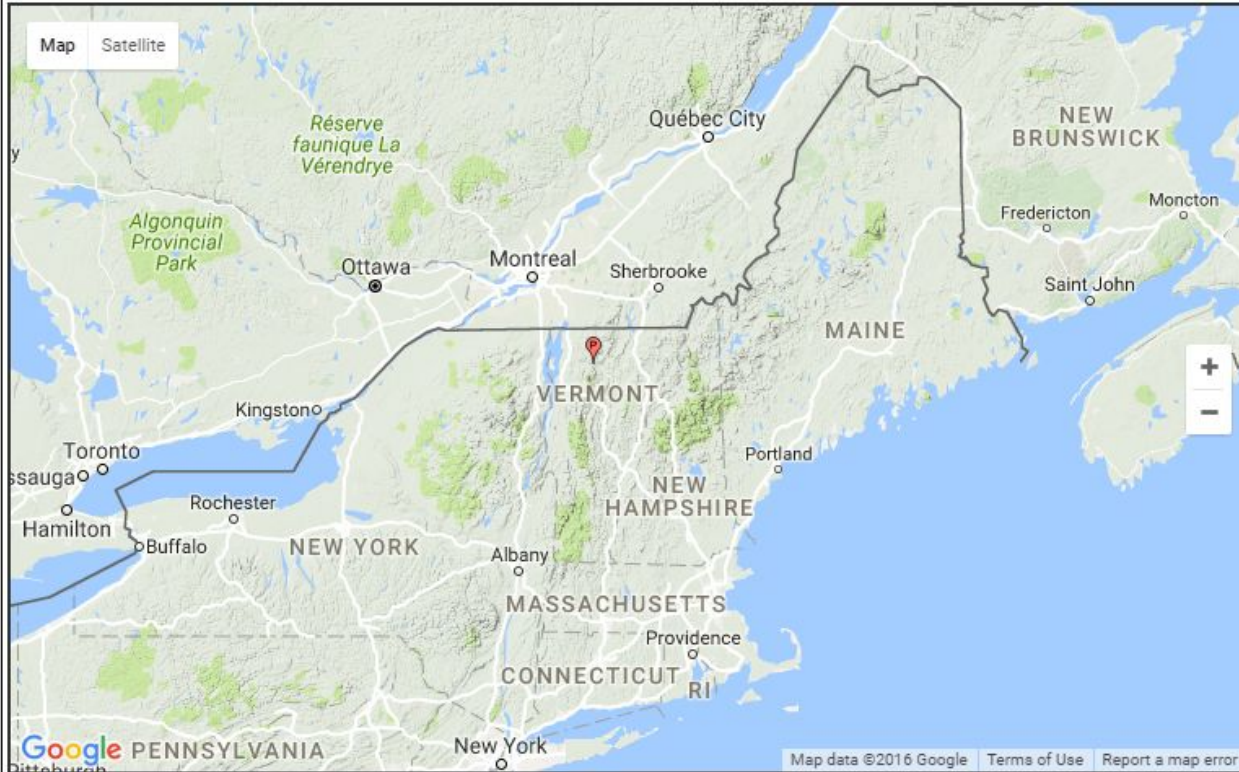


Request Page

National Weather Service Spot Program Links

Monitor Page









## NWS Spot Forecast Monitor



Submit New Spot Request



### Spot Monitor Legend

-  W = Wildfire
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-  S = SAR
-  M = Marine
-  Completed
-  Pending
-  Question

Permalink for page bookmark  
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### Active Spot Forecasts

Name	Type/Start Time	Status	WFO	Actions
Test Burn Test	Prescribed 2016-08-09 9:00 PM EDT	Completed: 2016-08-09 8:56 PM EDT	BTV	Submit Obs   Close

5

**5 – Active Spot Forecasts: spot forecasts can be found in the table under the map. You will see the name, type/start time, the status of the spot, the office (WFO) responsible for the spot, and any actions.**



## Test Burn Test

### Prescribed Fire

Forecast Start Time: 2016-08-09 9:00 PM EDT  
 Request Time: 2016-08-09 8:20 PM EDT  
**Forecast Complete At: 2016-08-09 8:56 PM EDT**

Requested By: National Weather Service  
 Contact: Eric Evenson  
 Phone: 802-658-0207  
 Fax:



**Location Legal:**  
 Lat/Lon: 44.666 / -72.7462  
 Quad:  
 Calculated: 44.666 / -72.7462

Elevation: 1136  
 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 . . Sky/Weather	
X X . . Temperature	
X X . . Humidity	
X X . . Chance of Precipitation	
X X . . Begin/End of Precipitation	
X X . . Wind (20 FT)	
X X . . Mixing Height	
X X . . Transport Winds	
X X . . Haines Index	

**Forecast:**  
 SPOT FORECAST FOR TEST BURN TEST...NATIONAL WEATHER SERVICE  
 NATIONAL WEATHER SERVICE BURLINGTON VT  
 855 PM EDT TUE AUG 9 2016

FORECAST IS BASED ON IGNITION TIME OF 2100 EDT ON AUGUST 09.  
 IF CONDITIONS BECOME UNREPRESENTATIVE...CONTACT THE NATIONAL WEATHER SERVICE.

PLEASE CONTACT OUR OFFICE AT (123) 456-7890, IF YOU HAVE QUESTIONS OR CONCERNS WITH THIS FORECAST.

.DISCUSSION...  
 TEST DISCUSSION FOR THE TEST BURN TEST.

.REST OF TONIGHT...

SKY/WEATHER.....MOSTLY CLEAR (20-30 PERCENT).  
 BEGIN/END OF PCPN...  
 MIN TEMPERATURE.....AROUND 62.  
 MAX HUMIDITY.....87 PERCENT.  
 WIND (20 FT).....LIGHT WINDS.  
 CHANCE OF PCPN.....0 PERCENT.  
 MIXING HEIGHT.....1000-1500 FT AGL.  
 TRANSPORT WINDS....SOUTHWEST 7 TO 14 MPH.  
 HAINES INDEX.....3 OR VERY LOW POTENTIAL FOR LARGE PLUME  
 DOMINATED FIRE GROWTH.

TIME (EDT)	9 PM	11 PM	1 AM	3 AM	5 AM
SKY (%).....	13	8	10	19	41
WEATHER COV.....					
WEATHER TYPE....	NONE	NONE	NONE	NONE	NONE
TSTM COV.....					
TEMP.....	75	70	65	62	62
RH.....	54	63	73	84	87
20 FT WIND.....	SE 3	S 5	S 3	SE 3	SE 5
20 FT WIND GUST..	5	10	10	10	10
CHC OF PCPN (%)..	0	0	0	0	10
HAINES INDEX....	4	4	3	3	3

.WEDNESDAY...

SKY/WEATHER.....MOSTLY CLOUDY (65-75 PERCENT). A CHANCE OF SHOWERS AND A SLIGHT CHANCE OF THUNDERSTORMS.  
 BEGIN/END OF PCPN...  
 MAX TEMPERATURE.....AROUND 84.  
 MIN HUMIDITY.....57 PERCENT.  
 WIND (20 FT).....SOUTHWEST WINDS 5 TO 9 MPH. GUSTY AND ERRATIC WINDS EXPECTED NEAR THUNDERSTORMS UNTIL LATE AFTERNOON.  
 CHANCE OF PCPN.....40 PERCENT.  
 MIXING HEIGHT.....1600-3000 FT AGL...INCREASING TO 3800-5400 FT AGL IN THE AFTERNOON.  
 TRANSPORT WINDS....SOUTHWEST 12 TO 14 MPH.  
 HAINES INDEX.....3 OR VERY LOW POTENTIAL FOR LARGE PLUME  
 DOMINATED FIRE GROWTH.

**5 – Active Spot Forecasts: having selected the name of your spot, you will be taken to the spot forecast itself, which will show you the information you entered and the forecast the National Weather Service provided you.**





Please Provide Feedback:

Send 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](#)

[Request Immediate Forecast Update](#)

[Delete Request](#)

**5 – Active Spot Forecasts:** *at the bottom of the forecast you will find a number of elements that may be of value to you.*

- a) *Feedback section: we welcome feedback (good or constructive) related to the forecast and/or how the operations fared.*
- b) *Printer Friendly Version of Forecast: self explanatory.*
- c) *Back to Forecast Monitor: a link back to the NWS Spot Forecast Monitor page.*
- d) *Copy Info to Spot Request for a New Incident: takes you to the spot request page to select a location, but has the spot request contact information you entered from the last spot.*
- e) *Copy Info to New Spot Request for this Incident: keeps the location and contact information you entered for this spot to expedite the process of submitting a new spot quicker.*



Please Provide Feedback:

Send 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](#)

[Request Immediate Forecast Update](#)

[Delete Request](#)

**5 – Active Spot Forecasts:** at the bottom of the forecast you will find a number of elements that may be of value to you.

**f) Request Immediate Forecast Update:** if the forecast is not representative and you need an update, click this link. You will be taken to a page that gives you a chance to submit a weather observation if you have one. If not simply click the “Request Update” button to submit the request for a new spot forecast.

**g) Delete Request:** use this link to delete the spot forecast request altogether.





*Reminder – please contact the National Weather Service with any questions related to the new online spot program. We will be more than happy to answer them.*