

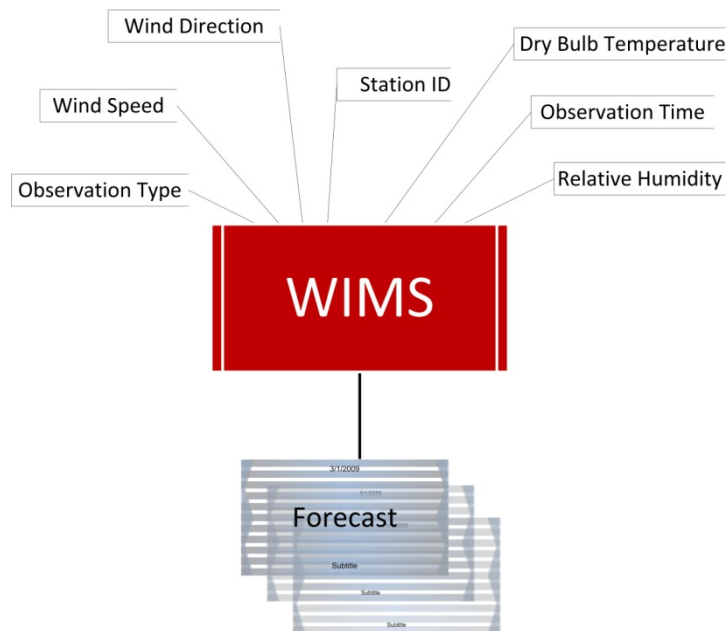
## WORKING WITH FORECASTS FCST

This chapter provides the information needed to display, create, and edit forecasts. Only NWS-User access level has permission to create and edit forecasts.

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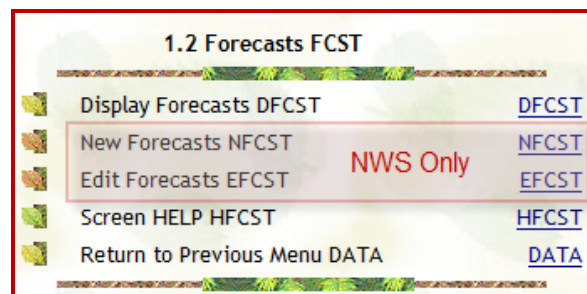
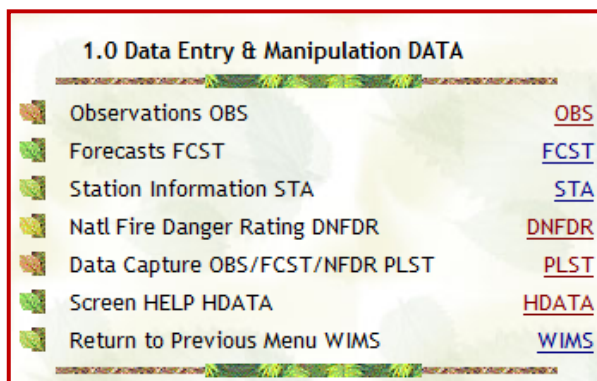
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## FORECASTS



In support of landscape scale fire weather, the NWS issues a narrative description and forecasts of fire weather parameters. Forecast weather parameters are issued as predicted values for the next day's weather at a RAWs station, or trends for tomorrow based on current day observations. The ultimate product is a point (station) based forecast for producing next-day NFDRS indices.

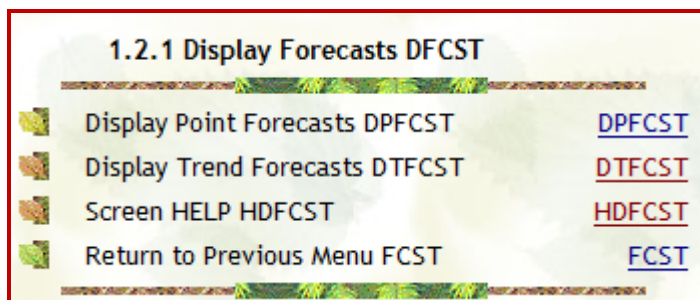
ORECAST MENU is under the DATA Menu



Non NWS users will see the FCST menu without the NWS tools of NFCST and EFCST.

DISPLAY FORECASTS DFCST menu allows all users to Display Forecasts.





DPFCST - Display point forecasts.

A Point forecast is a site specific weather forecast for a SIG or station.

DTFCST - Display trend forecasts.

A Trend forecast generates point forecasts by trending today's observed weather for stations within a public SIG. Trend forecasts are entered and displayed by Fire Weather Zone (SIG). These types of forecasts apply the specified trend (+/-) to today's observed values to generate a point forecast for tomorrow.

*For more information about options available to the NWS-User access level, see "Creating and editing forecasts –for NWS users only," later in this chapter.*

DPFCST form

The DPFCST form opens with tomorrow's date in the Date field. The Station ID or SIG fields may contain the last station or SIG used. Enter the Station ID or the SIG and select the **Find** button. To display a point forecast for another date, enter a date or date range in the date field.

Forecasts are not created for all stations for the entire year. If forecasts are needed, contact the NWS.

Station ID	Fcst Date	Tm	W	Dry Tmp	RH	A L	Wind Dir	SP	10 Hr	Temp Max	Temp Min	RH Max	RH Min	Dur1	Dur2	T L	W F
45707	03-Jun-08	13	1	76	32	1	248	5	6					0	0	1	N

In the example above, the forecasted weather observations for 1300 on 03-JUN-08 are based on weather observations recorded for the station for 02-JUN-08.

After generating a DPFCST the results can be Printed or Exported by selecting the form buttons. For additional information on Print and Export see Unit xx WIMS Basics.

### DTCST form

A Trend forecasts does not contain actual forecasted observations but provides trends for the stations in the SIG. Trend Forecasts are limited to public SIGs only and are numbered by the NWS, using the fire weather zones.

In the SIG: field type the public Special Interest Group name, in the Date: field type the forecast date in the Time field, type the forecast time and Click find.

SIG Name	Fcst Date	Tm	W	Dry Tmp	RH	A L	Wind SP	10 Hr	Temp	RH	Dur1	Dur2	T L	W F
									Max	Min	Max	Min		

The Display Trend Forecast form redisplay listing the SIG, valid forecast date and time, and other forecast information for that SIG.

In the example below, the query was run for SIG 502. The numbers of the table are not forecasted observations but trends to apply to today's observations to determine an observation output.

SIG Name	Fcst Date	Tm	W	Dry Tmp	RH	A L	Wind SP	10 Hr	Temp	RH	Dur1	Dur2	T L	W F
									Max	Min	Max	Min		
502	04-Oct-08	13	6	-10	32	1	1	4					0	4
													1	Y

Observations from the stations in the SIG will have the following trends for 04-OCT-08 applied to 03-OCT-08 weather data to produce forecasted NFDRS Outputs for 04-OCT-08

- W (SOW) 6 (Showers)
- Dry Bulb down 10
- RH up 32
- Wind Speed up 1
- 10 Hr up 4
- In addition a Fuels Wet Flag-WF is forecasted to be Y

## FORECAST FIELD DEFINITIONS

Field	Description and action to be taken
Station ID: (Station number) -or-	Enter the number of the station you want to display. -or-
SIG: (Special Interest Group name) Enter the name of the SIG you want to display.	
Date: (Forecast date)	Enter the forecast date, in the format DD-MMM-YY. You may also enter a date range. The default date is tomorrow's date (today's forecast).
Time: (Forecast time)	Using the 24-hour clock, enter the beginning local time of the forecast:  Code Time Code Time 00 midnight 01 1: 00 am 02 2: 00 am 03 3: 00 am 04 4: 00 am 05 5: 00 am 06 6: 00 am 07 7: 00 am 08 8: 00 am 09 9: 00 am 10 10: 00 am 11 11: 00 am 12 12 noon 13 1: 00 pm 14 2: 00 pm 15 3: 00 pm 16 4: 00 pm 17 5: 00 pm 18 6: 00 pm 19 7: 00 pm 20 8: 00 pm 21 9: 00 pm 22 10: 00 pm

Field	Description and action to be taken
	23 11: 00 pm. WIMS truncates the time to the hour.
Fcst Date (Forecast date)	Displays the forecast date, in the format DD-MMM-YY.
Tm (Forecast time)	Displays the forecast time to the nearest hour.
W (State of the weather)	Displays the code for the state of the weather: <ul style="list-style-type: none"> <li>1 Scattered clouds</li> <li>2 Broken clouds</li> <li>3 Overcast</li> <li>4 Foggy</li> <li>5 Drizzling</li> <li>6 Raining</li> <li>7 Snow/sleet</li> <li>8 Showering</li> <li>9 Thunderstorms in progress.</li> </ul>
Dry Tmp (Dry bulb temperature)	Displays the forecasted dry bulb temperature in degrees.  Fahrenheit or Celsius is specified in the Temperature Code: field in the station catalog.
RH% (Forecasted relative humidity percentile)	Displays the forecasted relative humidity percentile.
AL (Forecasted afternoon's lightning)	Displays the forecasted lightning activity from 1300-2400 hours.  Level Code Description <ul style="list-style-type: none"> <li>1 No thunderstorms or building cumulus clouds</li> <li>2 Infrequent lightning, few building cumulus</li> <li>3 Occasional lightning, scattered cumulus</li> <li>4 Frequent lightning, cumulus to 1/ 3 area</li> <li>5 Frequent and intense lightning, cumulus</li> <li>6 Common dry lightning, low lightning flash rate, scattered towering cumulus.</li> </ul>

Field	Description and action to be taken																																				
Wind Dir (Wind direction)	<p>Displays the forecasted wind direction in degrees:</p> <table> <tr> <th>Code</th><th>Wind direction in degree</th></tr> <tr><td>NNE</td><td>23</td></tr> <tr><td>NE</td><td>45</td></tr> <tr><td>ENE</td><td>68</td></tr> <tr><td>E</td><td>90</td></tr> <tr><td>ESE</td><td>113</td></tr> <tr><td>SE</td><td>135</td></tr> <tr><td>SSE</td><td>158</td></tr> <tr><td>S</td><td>180</td></tr> <tr><td>SSW</td><td>203</td></tr> <tr><td>SW</td><td>225</td></tr> <tr><td>WSW</td><td>248</td></tr> <tr><td>W</td><td>270</td></tr> <tr><td>WNW</td><td>293</td></tr> <tr><td>NW</td><td>315</td></tr> <tr><td>NNW</td><td>338</td></tr> <tr><td>N</td><td>360</td></tr> <tr><td>FL</td><td>0</td></tr> </table>	Code	Wind direction in degree	NNE	23	NE	45	ENE	68	E	90	ESE	113	SE	135	SSE	158	S	180	SSW	203	SW	225	WSW	248	W	270	WNW	293	NW	315	NNW	338	N	360	FL	0
Code	Wind direction in degree																																				
NNE	23																																				
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SW	225																																				
WSW	248																																				
W	270																																				
WNW	293																																				
NW	315																																				
NNW	338																																				
N	360																																				
FL	0																																				
Wind Sp (Wind speed)	Displays the forecasted ten-minute wind speed.																																				
10 Hr (Ten-hour fuel stick moisture content)	Displays the forecasted ten-hour fuel stick moisture content. This value is rarely entered by NWS forecasters. Instead, WIMS computes the forecasted 10-hr moisture base on forecast weather parameters.																																				
Temp Max (24-hour forecasted maximum temperature)	Displays the maximum forecasted temperature for the next 24 hours.																																				
Temp Min (24-hour forecasted minimum temperature)	Displays the minimum forecasted temperature for the next 24 hours.																																				
RH% Max (Maximum forecasted relative humidity percentile)	Displays the maximum forecasted relative humidity percentile for the next 24 hours.																																				
RH% Min (Minimum forecasted relative humidity percentile)	Displays the minimum forecasted relative humidity percentile for the next 24 hours.																																				
Dur1 (first 16 hours of forecasted precipitation)	Displays the forecasted duration of precipitation, in hours, from 1: 00 pm to 5: 00 am (1300 to 0500).																																				

Field	Description and action to be taken														
Dur2 (Next 8 hours of forecasted precipitation)	Displays the forecasted duration of precipitation, in hours, from 5: 00 am to 1: 00 pm. (0500 to 1300).														
TL (Today's forecasted lightning)	<p>Displays today's lightning activity level, from midnight to midnight:</p> <table> <tr> <th>Code</th><th>Description</th></tr> <tr> <td>1</td><td>No thunderstorms or building cumulus clouds</td></tr> <tr> <td>2</td><td>Infrequent lightning, few building cumulus</td></tr> <tr> <td>3</td><td>Occasional lightning, scattered cumulus</td></tr> <tr> <td>4</td><td>Frequent lightning, cumulus to 1/ 3 area</td></tr> <tr> <td>5</td><td>Frequent and intense lightning, cumulus common</td></tr> <tr> <td>6</td><td>Dry lightning, low lightning flash rate, scattered towering cumulus, with virga.</td></tr> </table>	Code	Description	1	No thunderstorms or building cumulus clouds	2	Infrequent lightning, few building cumulus	3	Occasional lightning, scattered cumulus	4	Frequent lightning, cumulus to 1/ 3 area	5	Frequent and intense lightning, cumulus common	6	Dry lightning, low lightning flash rate, scattered towering cumulus, with virga.
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4	Frequent lightning, cumulus to 1/ 3 area														
5	Frequent and intense lightning, cumulus common														
6	Dry lightning, low lightning flash rate, scattered towering cumulus, with virga.														
WF (Wet fuels flag)	<p>Displays the forecasted state of the fuel:</p> <p>Y indicates wet fuels</p> <p>N indicates dry fuels.</p> <p>If the state of the weather code (W field) is 5, 6, or 7 the Wet Fuels field is set to "Y. " For more information about wet fuel descriptions, see Appendix E, " NFDRS technical reference. "</p>														

## CREATING AND EDITING FORECASTS-FOR NWS USERS ONLY

If you have NWS-user authorization, you can also:

- enter new point forecasts
- enter new trend forecasts
- edit point forecasts
- edit trend forecasts.

*These menu options and FastPaths automatically display on the Forecasts menu if you have the NWS-user authorization. For more information, see Chapter 4, "WIMS basics".*

NWS point and trend forecasts are usually received via the NWS-Gateway.

The New Forecasts menu allows you to:

- enter a point forecast
- enter a trend forecast.

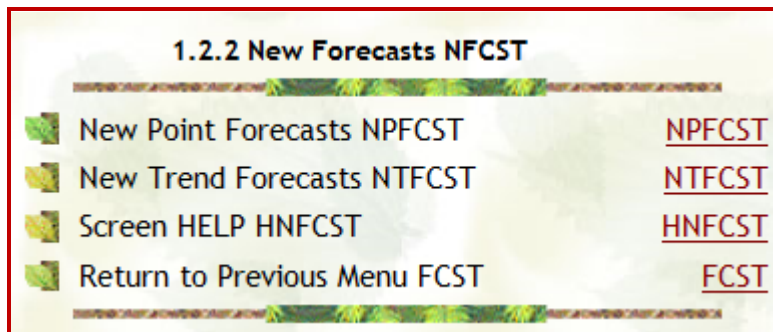


In the Option/ FastPath: field, type NFCST and Click Go.

Remember, you can skip this menu by typing the FastPath command:

NPFCST, to access the Create Point Forecast form

NTFCST, to access the Create Trend Forecast form.



### NEW FORECAST NFCST MENU

Select NPFCST to enter new Point Forecasts for a station and/or Special Interest Group (SIG). The SIG can either be a private SIG, or the Public Fire Weather Zone SIGs. Point Forecasts can be entered in both Record (single) or Tabular (multiple) formats, depending on what preference is entered in the Profile (ie. REC or TAB). SIG-Input is only available for Tabular-Type forms.

Select NTFCST to enter a Trend Forecast for a Special Interest Group (Public or Private). Trend Forecasts use a station's observations to generate a Point-Forecast for tomorrow. Note: All Point/Trend values are entered in English Units of Measure. Negative trend values are entered by preceding them with a minus-sign ("-"), positive trends are assumed, however, a plus-sign ("+") can also be specified.

### NPFCST

The Create Point Forecast form allows the entry of forecasted weather information for:

- a specific station
- all stations within a SIG.

In the FastPath: field, type NPFCST and select Go.

	Station ID	Vld Tm	W	A L	Dry Tmp	RH	Wind		10 Hr	Temp		RH		Dur1	Dur2	T L	W F
							Dir	SP		Max	Min	Max	Min				
<input type="checkbox"/>	040611	12															

To Enter a Point Forecast

From the Create Point Forecast form:

- 1 In the Station ID: field, type the number of the station for the point forecast you want to enter and select Setup. or In the SIG: field, type the public Special Interest Group name and select Go.
- 2 In the Date: field, type the forecast date.

The Create Point Forecast form redisplay listing the station or SIG, forecast date, and valid forecast time for that point forecast.

- 3 Using the preceding field descriptions, enter the new point forecast. Click Save.

#### Entering a trend forecast

Trend Forecasts are limited to public SIGs only. Users must have the NWS-User access level to create forecasts.

#### TO ACCESS THE CREATE TREND FORECAST FORM

In the Option/ FastPath: field, type NTF CST and Click Go.

#### NTFCST form

Create Trend Forecast NTF CST																<a href="#">Back to Menu</a>	
Date: 16-MAR-09   Setup   Reset   Save   Insert																	
X	SIG Name	Tm	W	A L	Dry Tmp	RH	Wind SP	10 Hr	Temp		RH		Dur1	Dur2	T L	W F	
									Max	Min	Max	Min					
<input type="checkbox"/>		13	▼	1 ▼									0	0	1 ▼		
<input type="checkbox"/>		13	▼	1 ▼									0	0	1 ▼		
<input type="checkbox"/>		13	▼	1 ▼									0	0	1 ▼		

#### To enter a trend forecast

- 1 In the SIG field, type the public Special Interest Group name.
- 2 Using the field descriptions enter the new trend forecast. Select Setup.
- 3 To save the new trend forecast, select Save.

#### Accessing the Edit Forecast menu

The EDIT FORECASTS menu allows you to:

- edit a point forecast
- edit a trend forecast

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*You must have the NWS-User access level to edit forecasts.*

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#### To access the Edit Forecasts menu

### 1.2.3 Edit Forecasts EFCST

✎	Edit Point Forecasts EPFCST	<a href="#">EPFCST</a>
✎	Edit Trend Forecasts ETFCST	<a href="#">ETFCST</a>
✎	Screen HELP HEFCST	<a href="#">HEFCST</a>
✎	Return to Previous Menu FCST	<a href="#">FCST</a>

In the FastPath field, type EFCST and select Go.

Remember, you can skip this menu by typing the FastPath command:

EPFCST to edit existing Point Forecasts. Point Forecasts can be entered through WIMS, ingested through the NWS-Gateway, or generated from a Trend Forecast. This option is available in both Record (single) and Tabular formats, depending on the preference specified in your WIMS-profile (ie. "REC" or "TAB").

ETFCST to edit existing Trend Forecasts entered through the New Trend Forecast option, or ingested through the NWS-Gateway. Edit Trend Forecasts is available in tabular-format only.

Note: All forecast values are in English Units of Measure. Trends can be entered with a plus/minus sign ("+" and "-"). Positive trends will be assumed.

REMEMBER: Edited Trend Forecasts will generate NEW Point Forecasts for every station contained in the SIG (replacing any previous Point Forecasts for that date/time). Use the key to list existing Point/Trend Forecasts.

#### Editing a point forecast

The Edit Point Forecast form allows you to edit forecasted weather information for:

- a specific station
- all stations within a SIG

In the FastPath field, type EPFCST and select Go.

#### EPFCST FORM

**Edit Point Forecasts EPFCST**
[Back to Menu](#)

Station ID:

or SIG:

Date:

Valid Time:

Find

Reset

Save

D e t	Station ID	Vld Tm	W	A L	Dry Tm	RH	Wind		10 Hr	Temp		RH		Dur1	Dur2	T L	W F
							Dir	SP		Max	Min	Max	Min				

To edit a point forecast

From the Edit Point Forecast form:

- 1 In the Station ID: field, type the number of the station, or In the SIG: field, type the Special Interest Group name and select Find.

- 2 In the Date: field, type the forecast date and select Find.
- 3 In the Valid Time: field, type the forecast time and select Find.

The Edit Point Forecast form redisplay, listing the station or SIG, forecast date, and other forecast information for that point forecast.

- 4 Edit the Point Forecast and select Save to save changes

#### Editing a trend forecast

Trend Forecasts are limited to public SIGs only. Users must have the NWS-User access level to edit forecasts.

#### To access the Edit Trend Forecast form

In the FastPath field, type ETFCST and select Go.

#### To edit a trend forecast

- 1 In the SIG field, type the Special Interest Group name.
- 2 In the Date field, type the forecast date.
- 3 In the Valid Time field, type the forecast time.
- 4 Select Find.

The Edit Trend Forecast form redisplay listing the SIG, forecast date, and other forecast information for that trend forecast.

- 1 Using the preceding field descriptions edit the values for the trend forecast.
- 2 To save the changes, select Save.

## NATIONAL WEATHER SERVICE PRODUCTS

National Weather Service Products is accessed from the WIMS Main Menu



The NWS products menu allows users to display:

- Fire Weather Forecasts
- Red Flag Warnings
- Spot Forecasts
- Smoke Management Forecasts
- Various Other Narrative Forecasts.

In the FastPath field, type NWSPROD and select Go.

Remember, you can skip this menu by typing the FastPath command:

- FWFCST - to display the Shared File Directory containing Fire Weather Forecasts
- RED FLAG - to display the Shared File Directory containing Red Flag warnings
- SPOT - to display the Shared File Directory containing spot forecasts
- SMOKE - to display the Shared File Directory containing smoke management forecasts
- ONARR - to display other narrative forecasts

## FIRE WEATHER FORECASTS

A Fire Weather Forecast is issued twice daily by the NWS fire weather forecast office and contains:

- discussion of weather activity for the area
- overall forecast for each zone.
- Fire Weather Forecasts remain in WIMS for three days.

To display Fire Weather Forecasts

In the FastPath field, type FWFCST and select Go.

The Shared File Directory Listing displays, listing all Fire Weather Forecasts currently available.

### Fire Weather Forecast Form

Display Fire Weather Forecasts FWFCST					<a href="#">Back to Menu</a>	
File Description:		<input type="text"/>	Find			
	File Type	Name	Short Description	A	B	
<a href="#">View</a>	FIRE WX	FNCA52 000001	031409/10:56/TJSJ/FIRE WEATHER FCST	Y	N	
<a href="#">View</a>	FIRE WX	FNCA52 000003	031609/07:54/TJSJ/FIRE WEATHER FCST	Y	N	
<a href="#">View</a>	FIRE WX	FNCA52 000004	031509/08:10/TJSJ/FIRE WEATHER FCST	Y	N	
<a href="#">View</a>	FIRE WX	FNHW50 000002	031609/15:31/PHFO/FIRE WEATHER FCST	Y	N	
<a href="#">View</a>	FIRE WX	FNHW50 000003	031409/15:15/PHFO/FIRE WEATHER FCST	Y	N	
<a href="#">View</a>	FIRE WX	FNHW50 000004	031509/15:15/PHFO/FIRE WEATHER FCST	Y	N	
<a href="#">View</a>	FIRE WX	FNHW50 000005	031409/15:20/PHFO/FIRE WEATHER FCST	Y	N	
<a href="#">View</a>	FIRE WX	FNU551 000001	031609/07:34/KOKX/FIRE WEATHER FCST	Y	N	
<a href="#">View</a>	FIRE WX	FNU551 000002	031609/07:41/KBGM/FIRE WEATHER FCST	Y	N	
<a href="#">View</a>	FIRE WX	FNU551 000003	031609/07:52/KCLE/FIRE WEATHER FCST	Y	N	
<a href="#">View</a>	FIRE WX	FNU551 000004	031609/07:54/KBUF/FIRE WEATHER FCST	Y	N	
<a href="#">View</a>	FIRE WX	FNU551 000005	031609/08:18/KRLX/FIRE WEATHER FCST	Y	N	
<a href="#">View</a>	FIRE WX	FNU551 000006	031609/08:29/KRNK/FIRE WEATHER FCST	Y	N	
<a href="#">View</a>	FIRE WX	FNU551 000007	031609/08:50/KAKQ/FIRE WEATHER FCST	Y	N	
<a href="#">View</a>	FIRE WX	FNU551 000008	031609/09:06/KILN/FIRE WEATHER FCST	Y	N	
<a href="#">View</a>	FIRE WX	FNU551 000009	031609/09:44/KCTP/FIRE WEATHER FCST	Y	N	
<a href="#">View</a>	FIRE WX	FNU551 000019	031609/14:02/KRNK/FIRE WEATHER FCST	Y	N	

To view a forecast, select the “View” hyperlink at the start of the row. Below is an example of a forecast.

NWS Product Information FNCA52 000001

141055  
FWFSJU

FIRE WEATHER PLANNING FORECAST FOR PUERTO RICO  
NATIONAL WEATHER SERVICE SAN JUAN PR  
655 AM AST SAT MAR 14 2009

.DISCUSSION...A RELATIVELY MOIST BUT STABLE AIR MASS AND A  
MODERATE TO FRESH LOW LEVEL WIND FLOW WILL PREVAIL ACROSS THE  
LOCAL ISLANDS THROUGH SUNDAY.

PRZ001-002-005-008-151130-  
SAN JUAN AND VICINITY-NORTHEAST-NORTH CENTRAL-NORTHWEST-  
INCLUDING THE CITIES OF...  
PINONES STATE FOREST-RIO PIEDRAS BOTANICAL GARDENS-VEGA ALTA  
STATE FOREST-CAMBALACHE STATE FOREST-SIERRA DE LUQUILLO-EL YUNQUE  
AND THE CARIBBEAN NATIONAL FOREST-GUAJATACA STATE FOREST-STATE  
FOREST OF CEIBA-  
655 AM AST SAT MAR 14 2009

TODAY TONIGHT SUN

### Red Flag Warnings



Red Flag Warnings outline specific areas where the forecasted fire weather conditions show imminent fire danger.

To display Red Flag Warnings

In the FastPath field, type RED FLAG and select Go.

The Shared File Directory Listing displays, listing Red Flag Warnings for today's date and for the previous three days.

Red Flag form

Display Red Flag Warnings REDFLAG					
File Description:			<input type="text"/>	Find	
	File Type	Name	Short Description	A	B
<a href="#">View</a>	RED FLAG	WWUS83 000001	031509/17:42/KLBF/RED FLAG WARNING	Y	N
<a href="#">View</a>	RED FLAG	WWUS83 000002	031509/20:12/KLBF/RED FLAG WARNING	Y	N
<a href="#">View</a>	RED FLAG	WWUS83 000003	031509/20:12/KLBF/RED FLAG WARNING	Y	N
<a href="#">View</a>	RED FLAG	WWUS83 000004	031609/01:02/KLBF/RED FLAG WARNING	Y	N
<a href="#">View</a>	RED FLAG	WWUS83 000005	031609/01:03/KLBF/RED FLAG WARNING	Y	N
<a href="#">View</a>	RED FLAG	WWUS83 000006	031609/08:51/KLBF/RED FLAG WARNING	Y	N
<a href="#">View</a>	RED FLAG	WWUS83 000007	031609/08:52/KLBF/RED FLAG WARNING	Y	N
<a href="#">View</a>	RED FLAG	WWUS83 000008	031609/09:04/KGID/RED FLAG WARNING	Y	N

Select View on the Red Flag Warning.

NWS Product Information WWUS83 000001

151741  
RFWLBF

URGENT - FIRE WEATHER MESSAGE  
NATIONAL WEATHER SERVICE NORTH PLATTE NE  
1241 PM CDT SUN MAR 15 2009

...EXTREME FIRE DANGER CONDITIONS ARE LIKELY THIS AFTERNOON WEST  
OF HIGHWAY 61 FROM MERRIMAN TO OGALLALA...

.A SURFACE TROUGH OF LOW PRESSURE WILL LIFT EAST ACROSS THE NEBRASKA  
PANHANDLE THIS AFTERNOON. BEHIND THIS FEATURE...WESTERLY WINDS OF  
10 TO 20 MPH...WITH FREQUENT GUSTS TO 25 MPH ARE LIKELY. IN  
ADDITION...THE COMBINATION OF TEMPERATURES IN THE 70S...WESTERLY WINDS AND  
MINIMUM RELATIVE HUMIDITIES UNDER 15 PERCENT...WILL PROVIDE  
EXTREME FIRE DANGER OVER PORTIONS OF WESTERN NEBRASKA.

*Red Flag Warnings remain in WIMS for three days*

Spot Forecasts

Issued by the NWS as requested by the user, Spot Forecasts contain weather information for a specific location and include:

- specific forecast location information
- discussion of weather activity

- overall forecast, forecasted temperature, and forecasted humidity.

*WIMS stores spot forecasts from the last three days.*

To display Spot Forecasts

In the FastPath field, type SPOT and select Go.

The Shared File Directory Listing displays, listing all Spot Forecasts currently available.

SPOT Form

Display SPOT Forecasts SPOT <a href="#">Back to Menu</a>					
File Description:			<input type="text"/> Find		
	File Type	Name	Short Description	A	B
<a href="#">View</a>	SPOT	FNUS72 000001	031609/09:54/KJAX/SUPPR (SPOT) FCST	Y	N
<a href="#">View</a>	SPOT	FNUS72 000008	031409/11:27/KJAX/SUPPR (SPOT) FCST	Y	N
<a href="#">View</a>	SPOT	FNUS72 000010	031409/15:01/KJAX/SUPPR (SPOT) FCST	Y	N
<a href="#">View</a>	SPOT	FNUS72 000012	031609/20:52/KJAX/SUPPR (SPOT) FCST	Y	N
<a href="#">View</a>	SPOT	FNUS72 000013	031609/22:07/KMLB/SUPPR (SPOT) FCST	Y	N

**NWS Product Information FNUS72 000001**

**160953**  
**FWSJAX**

**SPOT FORECAST FOR JUNIPER SPRINGS 10...USDA FOREST SERVICE  
NATIONAL WEATHER SERVICE JACKSONVILLE FL  
553 AM EDT MON MAR 16 2009**

**FORECAST IS BASED ON REQUEST TIME OF 2142 EDT ON MARCH 15.  
IF CONDITIONS BECOME UNREPRESENTATIVE...CONTACT THE NATIONAL WEATHER  
SERVICE.**

**.DISCUSSION...SOUTHWEST WINDS WILL INCREASE TO 10 MPH TODAY WITH  
OCCASIONALLY HIGHER GUSTS. THESE WINDS WILL PRECEDE A COLD FRONT THAT  
WILL APPROACH SOUTHEAST GEORGIA LATE IN THE DAY. THIS FRONTAL BOUNDARY  
WILL CONTINUE TO PRESS SOUTHWARD TONIGHT...LIKELY EXITING SOUTH OF THE  
WILDFIRE EARLY TUESDAY MORNING. A FEW SHOWERS SHOWERS WILL ACCOMPANY  
THIS FRONTAL BOUNDARY. HIGH PRESSURE WILL THEN GRADUALLY SETTLE INTO  
NORTHEAST FLORIDA FROM THE NORTH THROUGH MID-WEEK. SUSTAINED NORTHERLY  
WINDS OF 5 TO 10 MPH ARE FORECAST TUESDAY. THESE WINDS WILL ADVECT  
DRIER AND COOLER CONDITIONS INTO THE AREA...ALTHOUGH CRITICALLY LOW RH  
VALUES ARE NOT FORECAST.**

### Smoke Management Forecasts

Issued by state meteorologists, Smoke Management Forecasts display wind and airflow forecast information for prescribed burn purposes.

*You must have the NWS-User access level to enter smoke management forecasts from state meteorologists into WIMS. For more information, see Chapter 4, "WIMS basics."*



To display Smoke Management Forecasts

In the FastPath field, type SMOKE and select Go.



The Shared File Directory Listing displays, listing all smoke management forecasts currently available.

### SMOKE Form

 **Display Smoke Management Forecasts SMOKE** 

[Back to Menu](#)

File Description:

	File Type	Name	Short Description	A	B
<a href="#">View</a>	SMOKE MGMT	FNU572 000002	031609/15:21/KMFL/SMOKE MANAGEMENT	Y	N
<a href="#">View</a>	SMOKE MGMT	FNU572 000003	031609/15:38/KMLB/SMOKE MANAGEMENT	Y	N
<a href="#">View</a>	SMOKE MGMT	FNU572 000004	031609/15:50/KTBW/SMOKE MANAGEMENT	Y	N
<a href="#">View</a>	SMOKE MGMT	FNU572 000005	031609/16:00/KTAE/SMOKE MANAGEMENT	Y	N

**NWS Product Information FNU572 000002**

161520  
SMFMFL

SOUTH FLORIDA DISPERSION FORECAST UPDATE  
NATIONAL WEATHER SERVICE MIAMI FL  
1120 AM EDT MON MAR 16 2009

.RED FLAG...NONE.

FLZ172-173-171045-  
COASTAL BROWARD-COASTAL MIAMI DADE-  
INCLUDING THE CITIES OF...POMPAÑO BEACH...FORT LAUDERDALE...  
FORT LAUDERDALE BEACH...HOLLYWOOD BEACH...AVENTURA...MIAMI BEACH...  
MIAMI SHORES...DOWNTOWN MIAMI...CUTLER BAY...HOMESTEAD BAYFRONT PARK  
1120 AM EDT MON MAR 16 2009

Other narrative forecasts



Other narrative forecasts include all other forecast information.

To display other narrative forecasts

In the FastPath field, type ONARR and select Go.

The Shared File Directory Listing displays, listing all other narrative forecasts currently available.

### ONARR Form

 **Display Other Narrative Forecasts ONARR** 

[Back to Menu](#)

File Description:

	File Type	Name	Short Description	A	B
--	-----------	------	-------------------	---	---

**1**

10 Hr .....6

**A**

AL .....5

**B**

Broken clouds .....5

**D**

Date .....4

DPFCST form .....2

Drizzling .....5

Dry bulb temperature .....5

Dry Tmp .....5

DTFCST form .....3

Dur1 .....7

Dur2 .....7

**E**

EPFCST .....10

ETFCST .....10, 11

**F**

Fcst Date .....5

Fire Weather Forecasts.....12

display .....12

Foggy.....5

Forecast date .....5

Forecast Menu .....1

Forecast time .....5

Forecasted afternoon's lightning.....5

Forecasted relative humidity percentile.....5

forecasted wind direction.....6

FWFCST .....12

**L**

Level.....5

**N**

narrative description .....1

New Forecasts .....8

Non NWS users .....1

NWSPROD .....12

**O**

ONARR .....12

other narrative forecasts

display .....16

Other Narrative Forecasts .....12

Overcast .....5

**R**

Raining .....5

RED FLAG .....12

Red Flag Warnings .....12

display .....14

RH% .....5

RH% Max.....6

RH% Min .....6

**S**

Scattered clouds .....5

Showering .....5

SIG.....4

SMOKE .....12

Smoke Management Forecasts .....12

displaying .....15

Snow/sleet .....5

SPOT.....12

Spot Forecasts .....12

display .....15

State of the weather .....5

Station ID .....4

**T**

Temp Max .....6

Temp Min.....6

Thunderstorms .....5

Time .....4

TL .....7

Tm .....5

Trend forecast .....2

**W**

W 5

Wet fuels flag.....7

WF.....7

Wind Dir.....6

Wind Sp.....6