

Little Bear Fire Water Alert System



USGS Water Alert

<http://water.usgs.gov/wateralert>

Subscribe to gages to receive email or text message when water is detected.

Real Time Streamflow and Rainfall Data

Streamflow:

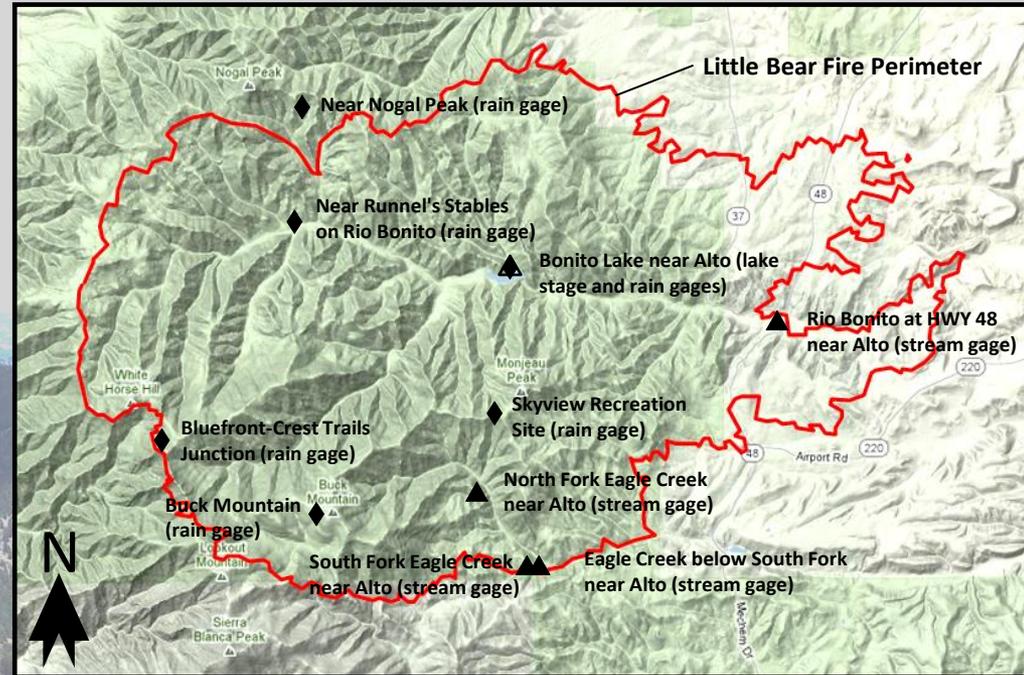
<http://waterdata.usgs.gov/nm/nwis/current/?type=flow>

Precipitation:

http://waterdata.usgs.gov/nm/nwis/current/?type=precip&group_key=county_cd

Lake Stage:

http://waterdata.usgs.gov/nm/nwis/current/?type=lake&group_key=county_cd



Questions?

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USGS WaterAlert System

Using the USGS WaterAlert system, the user can subscribe to e-mail or mobile phone messages when precipitation, stage, or discharge at a gage exceeds a threshold that the user selects.

The USGS WaterAlert site may be accessed at:

<http://water.usgs.gov/wateralert/>

After clicking the WaterAlert link, a map of North America and part of Central America will appear on your screen.

- Under **Site Selection – State or Territory**, select **New Mexico – Data Type**, select **Precipitation or Surface Water**

A map of New Mexico with rain gage or stream gage locations will appear. Zoom in on your area of interest.

- Move your cursor to a rain gage site, marked with blue squares, or a surface-water site, marked with green triangles. When the hand turns to a pointing finger, the name of the site will appear.
- Click on the blue square or green triangle, and a site window will appear giving the site number, site name, and the total precipitation for the previous 24 hours for a rain gage site, or the current gage reading for a surface-water site.
- Click on the site number, and you will be directed to a graph showing the rainfall or stream stage and discharge* recorded at this gage over the previous week. The box at the top of the page contains options to change the time period covered by the graph or to view a table containing the numerical data.
- The "Subscribe" button at the bottom of the site window will open a subscription form web page through which you can sign up to receive an e-mail or mobile phone message when rainfall, water stage, or discharge at that site reaches a threshold that you select.
- Note that you must sign up separately for each gage in which you're interested. Also, you must respond to the initial e-mail message, as directed in the message, in order to activate your subscription to each gage. This ensures that the e-mail you entered was correct and functional.

A second way to subscribe to e-mail or mobile phone messages is to access the USGS New Mexico Water Science Center web page at: <http://nm.water.usgs.gov> and click on the “**USGS Post-Wildfire Hydrologic Monitoring in New Mexico**” link at the top of the web page. A web page displaying gages for the Little Bear and Whitewater-Baldy Fire areas will appear.

- Select a gage by clicking the “**link**” in the “**Current Conditions**” column that corresponds to the gage of interest. You will see a web page displaying one or more graphs.
- Find the graph you are interested in (precipitation, stage, or discharge) and click on “**WaterAlert**” just below the lower right corner of the graph. A subscription form web page will open and you can fill out the form and respond to the confirmation e-mail as described in the bullets above.
- If you want to see a map display of the gage location, click on “**map**” to the right of the gage of interest.

*Only stage (height of water) data will be available for Bonito Lake. For the Rio Bonito at the Highway 48 bridge, only stream stage will be initially available. Stream discharge will be available after a mathematical relation between river stage (height of water) and discharge has been established. The stage-discharge relation is developed by making a series of in-stream discharge measurements at several different river stages.