

4. National Fire Danger Rating System (NFDRS) Forecasts.

The NWS provides weather forecasts for parameters that permit the NFDRS software to predict the next day's fire danger indices that the land management agencies utilize for fire management decision support. Criteria for Issuance – NWS will issue daily forecasts for use by the NFDRS during periods determined in consultation with land management agencies. Dates during which these forecasts are needed vary by year and by office. NWS NFDRS trend or point forecasts are usually available to fire agencies by 1500 LST/1600 LDT/2300 Z. The goal of the land management agencies is to provide quality observations in a timeframe that provides the NWS an hour to review the NFDRS observations and publish the forecasts. In order to meet these goals, the daily NFDRS fire weather observations must be made available to the NWS from WIMS in collectives by 1415 LST/1515 LDT/2215Z. NFDRS stations that do not have valid observations available in WIMS on time will not have next day fire danger indices available.

The observation data that the land management agencies utilize for NFDRS outputs is typically available to the agencies between 1300 LST/1400 LDT/ 2100 Z and 1340 LST/1440 LDT/2140 Z. To facilitate timely delivery of the NFDRS observations to the NWS, the agencies must strive to have their local quality control and data entry completed in WIMS by 1345 LST/1445 LDT/2145 Z. Collectives are run at 10-minute intervals beginning at 1330 LST/1430 LDT/ 2130 Z, with the last collective run at 1415 LST/1515 LDT/2215 Z. Depending on local needs, these times can vary. It is important that land management agencies and their supporting WFO discuss and mutually agree to the timeframes that best meet their collective needs.

Users who fail to meet the last collective, and want an NFDRS forecast for the following day, must coordinate with their local WFO to try and arrange for an updated forecast. Solutions to on-going timeliness problems should be coordinated between the local user, WFO and GACC Predictive Services Unit. NWS forecasters should contact the USFS Fire & Aviation Management Helpdesk (24/7) (1-866-224-7677) for assistance in dealing with WIMS issues.

Procedures – For every NFDRS observation received from WIMS at the 1415 LST (1515 LDT) collective, forecast weather parameters for 1300 LST (1400 LDT) the next day will be produced. This will occur through zone trend, station trend, or station specific (point) forecasts. Regardless of the forecast methodology, forecast values for NFDRS stations should not unduly deviate from historical possibility for those stations. All NFDRS observation stations are assigned a six-digit station identification number for use in WIMS. The Northern California or Southern California PS units must be contacted for assignment of a six-digit number for any new station, or for any changes in location made to existing stations that already have a WIMS ID number. The PS units will notify the NWS of any new or relocated NFDRS stations.

NWS forecasters should contact the USFS Fire and Aviation Management help desk at 1-866-224-7677 for assistance in WIMS issues.

NFDRS Collective and Bulletin Times (local variations allowed depending on need)

<i>WFO</i>	<i>GATEWAY Routine</i>	<i>Header</i>	<i>1st OBS Collec tive</i>	<i>2nd OBS Collec tive</i>	<i>Forec ast Obs</i>	<i>GATEWAY Routine</i>	<i>Header</i>	<i>Observed NFDRS Indices Bulletin #1</i>	<i>Observed NFDRS Indices Bulletin #2</i>	<i>Forecast NFDRS Indices Bulletin #1</i>	<i>Forecast NFDRS Indices Bulletin #2</i>
<i>Eureka</i>	<i>SENDOBS</i>	<i>SHUS66</i>	<i>2145</i>	<i>2215</i>	<i>2245</i>	<i>SENDNFDR</i>	<i>FNUS46</i>	<i>2145</i>	<i>2215</i>	<i>2245</i>	<i>none</i>
<i>Hanford</i>	<i>SENDOBS</i>	<i>SHUS66</i>	<i>2145</i>	<i>2215</i>	<i>2245</i>	<i>SENDNFDR</i>	<i>FNUS46</i>	<i>2145</i>	<i>2215</i>	<i>2245</i>	<i>none</i>
<i>Las Vegas</i>	<i>SENDOBS</i>	<i>SHUS65</i>	<i>2115</i>	<i>2230</i>	<i>2245</i>	<i>SENDNFDR</i>	<i>FNUS45</i>	<i>2115</i>	<i>2230</i>	<i>2245</i>	<i>2245</i>
<i>Los Angeles</i>	<i>SENDOBS</i>	<i>SHUS66</i>	<i>2145</i>	<i>2200</i>	<i>2245</i>	<i>SENDNFDR</i>	<i>FNUS46</i>	<i>2145</i>	<i>2200</i>	<i>2245</i>	<i>none</i>
<i>Medford</i>	<i>SENDOBS</i>	<i>SHUS66</i>	<i>2155</i>	<i>2215</i>	<i>2305</i>	<i>SENDNFDR</i>	<i>FNUS46</i>	<i>2200</i>	<i>2215</i>	<i>2305</i>	<i>none</i>
<i>Monterey</i>	<i>SENDOBS</i>	<i>SHUS66</i>	<i>2145</i>	<i>2200</i>	<i>2245</i>	<i>SENDNFDR</i>	<i>FNUS46</i>	<i>2145</i>	<i>2200</i>	<i>2245</i>	<i>none</i>
<i>Phoenix</i>	<i>SENDOBS</i>	<i>SHUS65</i>	<i>2115</i>	<i>2200</i>	<i>2245</i>	<i>SENDNFDR</i>	<i>FNUS45</i>	<i>2115</i>	<i>2200</i>	<i>2245</i>	<i>none</i>
<i>Reno</i>	<i>SENDOBS</i>	<i>SHUS65</i>	<i>2145</i>	<i>2200</i>	<i>2255</i>	<i>SENDNFDR</i>	<i>FNUS45</i>	<i>2150</i>	<i>2205</i>	<i>2245</i>	<i>none</i>
<i>Sacramento</i>	<i>SENDOBS</i>	<i>SHUS66</i>	<i>2145</i>	<i>2205</i>	<i>2301</i>	<i>SENDNFDR</i>	<i>FNUS46</i>	<i>2145</i>	<i>2205</i>	<i>2245</i>	<i>none</i>
<i>San Diego</i>	<i>SENDOBS</i>	<i>SHUS66</i>	<i>2145</i>	<i>2200</i>	<i>2245</i>	<i>SENDNFDR</i>	<i>FNUS46</i>	<i>2145</i>	<i>2200</i>	<i>2245</i>	<i>none</i>

Contact Information

Office

Name

Position

<p>Northern California PSU 6101 Airport Road, Redding, CA 96002 FAX Number: (530) 226-2742 WEB: http://gacc.nifc.gov/oncc/predictive/weather/index.htm Office Email: redning.fwx@fire.ca.gov Hours: Fire Season 7am-5pm daily, Low Season 7am-5pm M-F</p>	<p>Vacant Cathy Johnson Russ Gripp Brenda Belongie Steve Leach Vacant</p>	<p>PSU Manager Fire Intelligence Coordinator NFDRS/WIMS/RAWS Lead USFS GACC Meteorologist BLM GACC Meteorologist Intelligence Officer</p>
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<p>Southern California PSU 2524 Mulberry St. Riverside, CA 92501-2200 FAX Number: (951) 276-6439 WEB: http://gacc.nifc.gov/oscc/predictive/weather/index.htm Office Email: riverside.fwx@fire.ca.gov Hours: Fire Season 7am-5pm daily, Low Season 7am-5pm M-F</p>	<p>Tom Rolinski Matt Shameson Rob Krohn Bruce Risher Vacant</p>	<p>USFS GACC Meteorologist/ PS Mgr. USFS GACC Meteorologist USFS GACC Meteorologist Intelligence Coordinator Intelligence Officer</p>
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<p>NWS Eureka Forecast Office 300 Startare Dr. Eureka, CA 95501-6000 FAX Number: (707) 443-6195 WEB: http://www.weather.gov/eureka Backup Offices: WFO Monterey and WFO Medford</p>	<p>Troy Nicolini Jeff Tonkin Vacant</p>	<p>Meteorologist In Charge Fire Weather Program Mgr / IMET Warning Coordination Meteorologist</p>
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<p>NWS Hanford Forecast Office 900 Foggy Bottom Rd. Hanford, CA 93230-5236 FAX Number: (559) 584-1152 WEB: http://www.weather.gov/hanford Backup Office: WFO Sacramento</p>	<p>Kevin Lynott Cindy Bean Dan Harty Jim Dudley Jerald Meadows</p>	<p>Meteorologist In Charge Fire Weather Program Mgr. IMET IMET Warning Coordination Meteorologist</p>
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