

Western Interconnection Wildfire Assessment

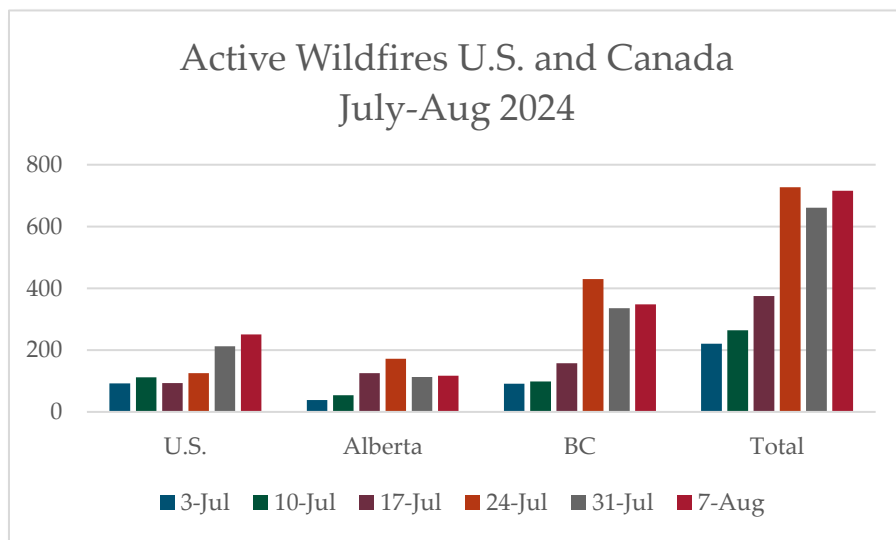
This is a high-level summary of the wildfire risk to the bulk power system. The information is for general purposes only and should not be relied on as accurate, because fires are dynamic, and circumstances may change quickly.

Active Wildfires (U.S. and Canada)

In the Western U.S., the National Interagency Fire Center (NIFC) reports 83 large (>1,000 acres) wildfires burning in 11 states. Alberta has 15 and B.C. 138 wildfires listed as *out of control*. Alberta and B.C. fire numbers remained about the same since last week and the U.S. increased about 20%.

Active fires in the Western Interconnection— August 7, 2024

- Western Interconnection (U.S.)—212
- Alberta—113
- British Columbia—336
- Total—661



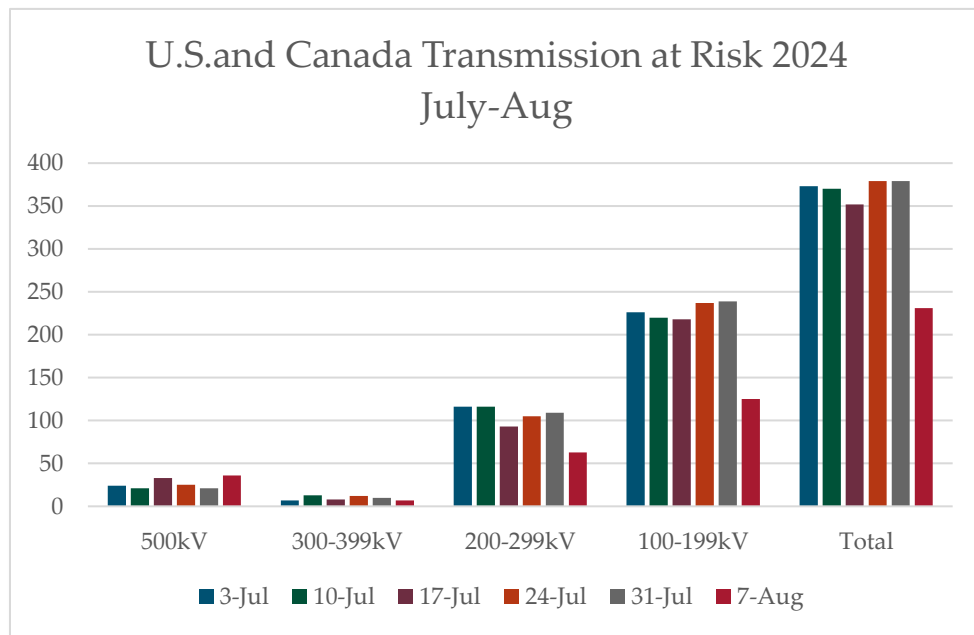
Western Interconnection Transmission Lines at Risk (U.S.)

An at-risk transmission line is any line within three miles of an active wildfire, a new incident discovered in the past 24 hours, or a hotspot detected by NOAA satellite.

August 7, 2024, Lines at Risk

The interconnection had a significant decrease in lines at risk overall. Lines at 500 kV increased from 21 last week to 36 this week.

- 500 kV—36
- 345 kV— 7
- 230 kV—63
- 100 kV—125
- Total—231



Events of Note

U.S. Western interconnection

Since January, 29,509 wildfires have burned 4,758,910 acres in the United States, a 5% increase in the number of wildfires and 18% increase in acres burned over the past week. Human-caused wildfires continue to be the number one cause including the Park Fire in California, now the fifth-largest wildfire in California history, burning more than 420,800 acres with 34% containment after seven days.

The [Park Fire](#) continues to pose a threat to the Table Mountain to Round Mountain 500 kV transmission lines, leading to curtailments into California on Path 66, the California-Oregon Intertie (COI) and causing transmission congestion on the east side of the interconnection. WECC has been operating in a Potential Open Loop operation for several days.

Wildfires of Note (Canada)

British Columbia is reporting nine fires of note: all are out of control and expected to spread beyond their current perimeter or control line.

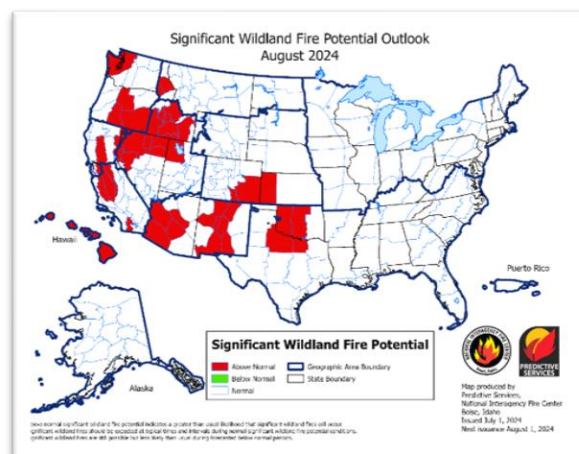
1. Lower Blue Mountain, 1 evacuation order
2. Hullcar Mountain, 3 evacuation orders
3. Dogtooth FSR, 1 evacuation order
4. Dunn Creek, 1 evacuation Alert

A wildfire of note is determined to be of significant public interest and may pose a threat to public safety, communities, or critical infrastructure.

Alberta has 20 wildfires listed as out of control, 18% of the total fires in the province.

Wildfire Outlook—July 2024

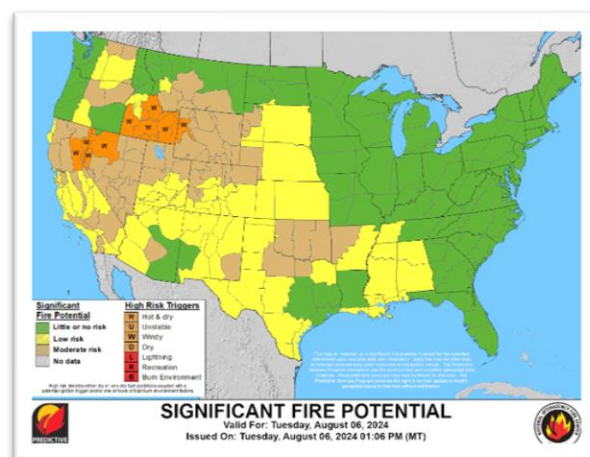
Wildfire potential for August will remain high throughout much of the interconnection with extreme high temperatures and continued drought drying out abundant wildfire fuel.

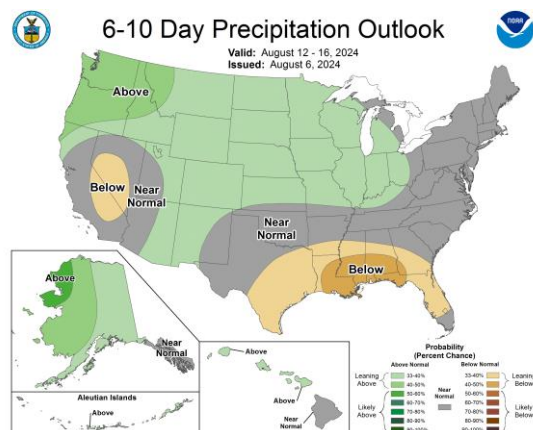
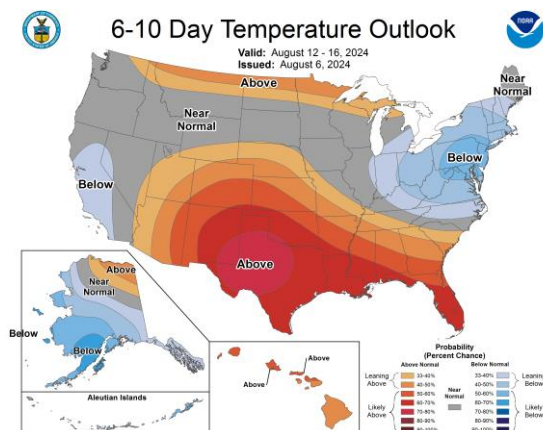


Fire Weather Conditions

Near normal temperatures and precipitation are expected in the next 6 to 10 days throughout most of the West.

The Western Interconnection remains stable. High temperatures continue across the West, fire weather conditions are more favorable, and heavy smoke from wildfires extends across much of the Northwest.



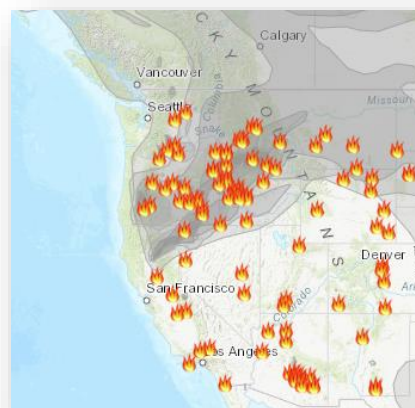


Wildfire Smoke and Air Quality

Wildfire smoke continues to increase and move throughout the Western Interconnection. As smoke density increases, solar generation may see some degradation.

Current Wildfire Conditions

The [WECC Wildfire Dashboard](https://www.wecc.org/wildfire-dashboard) posted on WECC.org shows the current wildfire conditions. Users new to WECC.org must create a user ID and password for access.



Source information:

- Alberta - <https://www.alberta.ca/wildfire-status>
- British Columbia - <https://wildfiresituation.nrs.gov.bc.ca/map>
- National Interagency Fire Center Boise, Idaho - <https://www.nifc.gov/>
- Transmission at risk - [WECC Wildfire Dashboard](https://www.wecc.org/wildfire-dashboard)