Late Spring/Summer Precipitation: Since May 2020

Percent of Average Precipitation (%)
5/2/2020 – 7/30/2020

Generated 7/31/2020 at WRCC using provisional data.
NOAA Regional Climate Centers
Fall/Winter Precipitation: Since Oct 2019

Percent of Average Precipitation (%)
10/1/2019 - 6/28/2020

Generated 6/29/2020 at WRCC using provisional data.
NOAA Regional Climate Centers
Fall/Winter Precipitation: 2018-2019

Percent of Average Precipitation (%)
10/1/2018 – 3/27/2019
Grass Fuel Loading

Annual Herbaceous Projection
7, July, 2019

Change in fuel amount of annual grass (% of 15-yr Avg.)

- Far Below Average (<= -50%)
- Below Average (-20 to -50%)
- Average (-20 to 20%)
- Above average (20 to 50%)
- Far above average (>= 50%)

Rangeland Production Monitoring Service; matt.c.reeves@usda.gov
Soil Moisture Anomaly

Calculated Soil Moisture Anomaly (mm)
JUL 30, 2020
Evaporative Demand Drought Index

1-month EDDI categories for July 26, 2020

Drought categories

ED4  ED3  ED2  ED1  ED0  EW0  EW1  EW2  EW3  EW4
100%  98%  95%  90%  80%  70%  30%  20%  10%  5%  2%  0%

(EDDI-percentile category breaks: 100% = driest; 0% = wettest)

Generated by NOAA/ESRL/Physical Sciences Laboratory
Drought Monitor and Outlook

Drought Monitor

July 30th, 2020

Drought Outlook

July 16th – October 31st, 2020

U.S. Seasonal Drought Outlook
Drought Tendency During the Valid Period

KEY:
- Drought persists or intensifies
- Drought remains but improves
- Drought removal likely
- Drought development likely

Author:
Rich Tinker
NOAA/NWS/NCEP/Climate Prediction Center
Current Fuel Conditions: Live Fuel Moisture
July 31st Fuel Conditions: ERC
100 Hour Fuel Moisture

Obs. 100-Hour FM: 31-Jul-20

Legend:
- Reporting Weather Stations
- <= 5% (Red)
- 6-10% (Yellow)
- 11-15% (Green)
- > 20% (Yellow-Green)
- Water (Light Blue)

(Inv. Dist.2 Interp.)

WFAS-MAPS Graphics  FIRE BEHAVIOR RESEARCH  MISSOULA, MT
1000 Hour Fuel Moisture

Obs. 1000-Hour FM: 31-Jul-20

LEGEND
- ▲ Reporting Weather Stations
- ≤ 5%
- 6-10%
- 11-15%
- > 20%
- Water

(Inv. Dist. Interp.)

WFAS-MAPS Graphics  FIRE BEHAVIOR RESEARCH  MISSOULA, MT
Great Basin Fire Activity – July 31st 2020

- New Fire (Past 24 hours)
- Existing Fire
- Team Fire
- Prescribed Fire
Drought, Weather Fuels, Snowpack: What Happens From Here?
La Nina? El Nino? La Nada?

La Nina

El Nino

TOPEX/Poseidon 1997

Jason-2 2015

Sea Surface Height Anomalies in Millimeters
El Nino/Neutral/La Nina

Model Predictions of ENSO from Apr 2020

IRI/CPC
NOAA CPC 8-14 Day Outlook (August 8th – 14th)
1 Month Outlook: August 2020

Temperature

Precipitation
3 Month Outlook: Aug – Oct 2019

Temperature

Precipitation
Putting the Pieces Together
August
October-November
Questions?

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