

National Weather Service Medford

2023: June Climate Summary



*These data are preliminary and have not undergone final QC by NCEI. Therefore, these data are subject to revision. Final and certified climate data can be accessed at the [National Centers for Environmental Information \(NCEI\)](#).



June 2023 Weather Review

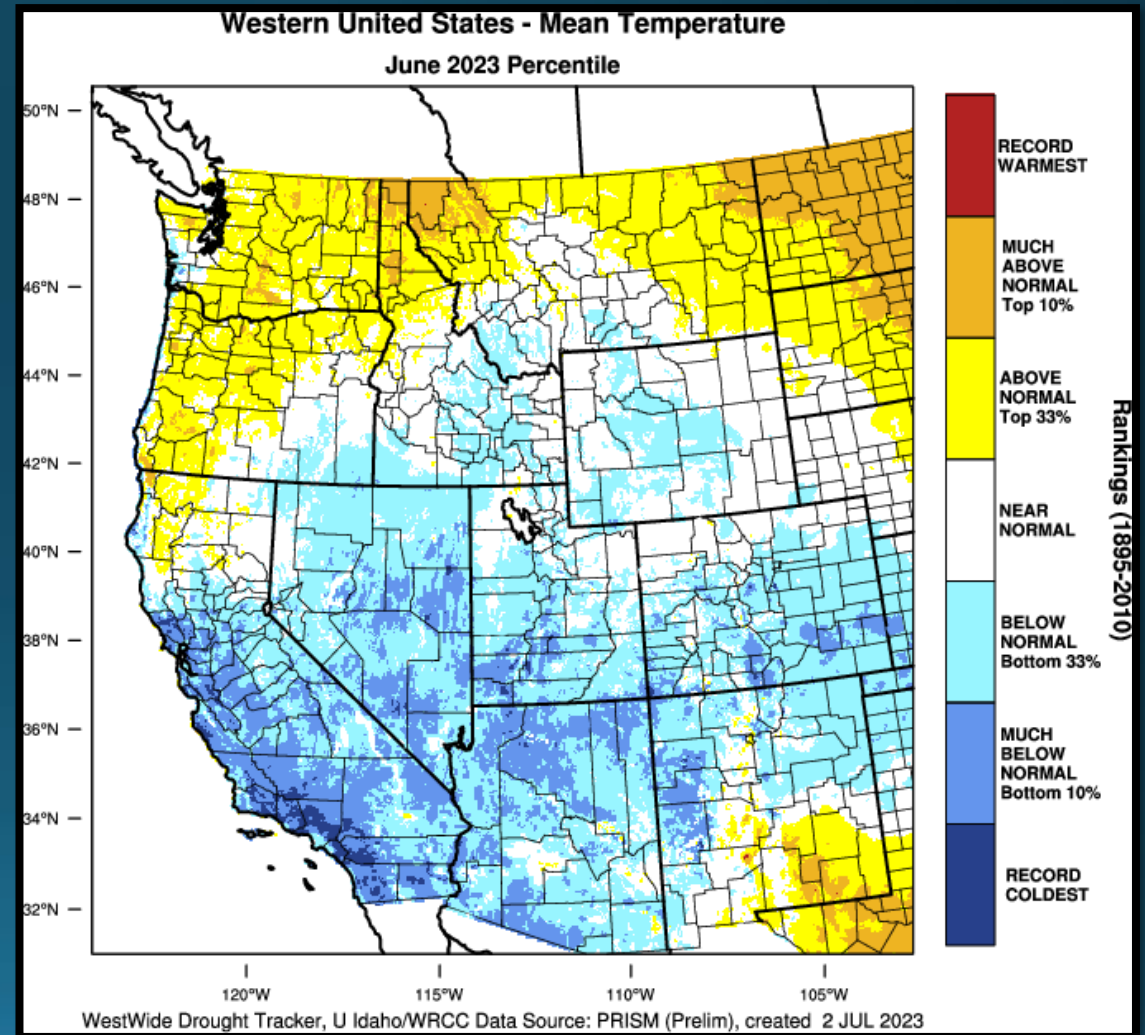
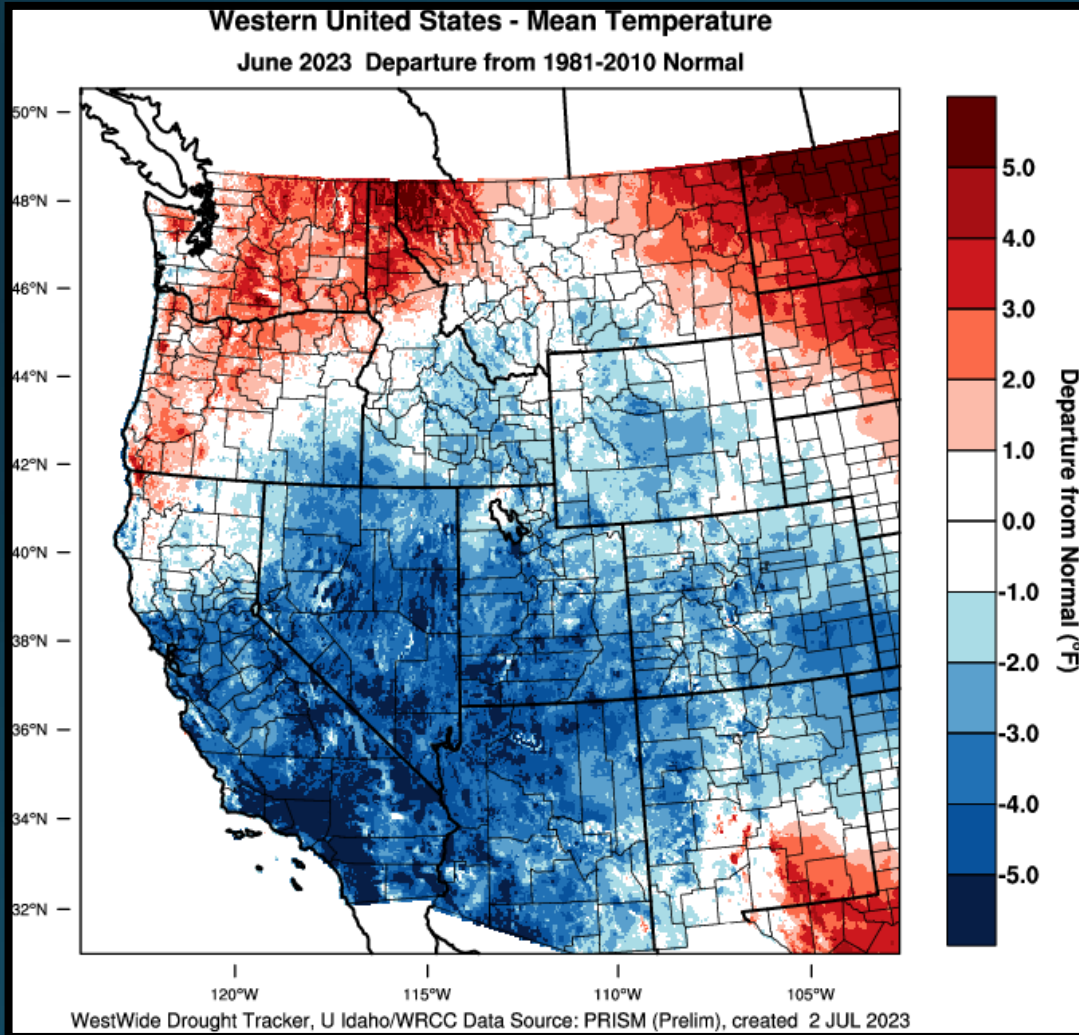
As is typical for the month of June, things began to warm up over the region as spring turned to summer. The overall June weather pattern along the West Coast saw numerous upper troughs move into California, then into the Great Basin. This brought plenty of active thunderstorm days in northern California and for other areas east of the Cascades in Oregon. In fact, Alturas, which reported thunder on 14 of the 30 days of the month, also measured 3.00 inches of rain in June. This was 2.30 inches above normal! However, west side valleys were much less active and drier, resulting in above average warmth.

There were two long stretches of above normal warmth -- one from the 2nd through the 13th and another from the 22nd to the 30th. Despite these hot stretches, no high temperature records were tied or broken. Ironically though, the coolest stretch of the month came when the seasons did change, over Father's Day weekend, from the 18th to the 21st. Those 4 days were well below normal as a cool upper trough settled in over the region and brought widespread showers to the region with relatively low snow levels. The coldest temperatures of the month were recorded on the 19th and 20th when some of the area's climate sites measured a record low maximum for the date. It was even cold enough to snow at Crater Lake where observers measured 3.5 inches of snowfall between the 19th and 20th.

Temperatures trended warmer from the 22nd onward and the summer pattern was in full swing by the end of the month with the highest temperatures of the month recorded on the last day of the month for most locations.



June 2023 Observed Temperatures





Average Temperatures

	Average (°F)	Departure from Normal	Average Max (°F)	Departure from Normal	Average Min (°F)	Departure from Normal
North Bend	55.9	<i>-1.5°F</i>	61.9	<i>-1.6°F</i>	49.9	<i>-1.3°F</i>
Roseburg	67.3	<i>2.7°F</i>	81.6	<i>4.9°F</i>	53.0	<i>0.5°F</i>
Medford	69.8	<i>2.9°F</i>	84.5	<i>3.0°F</i>	55.1	<i>2.8°F</i>
Klamath Falls	60.0	<i>1.2°F</i>	76.7	<i>0.5°F</i>	43.2	<i>1.8°F</i>
Montague, CA	66.6	<i>1.7°F</i>	84.7	<i>1.9°F</i>	48.6	<i>1.6°F</i>
Mt. Shasta City, CA	64.1	<i>2.5°F</i>	80.3	<i>4.2°F</i>	47.9	<i>0.8°F</i>
Alturas, CA	59.4	<i>-0.8°F</i>	75.3	<i>-2.9°F</i>	43.6	<i>1.4°F</i>



Monthly Max & Min Temperatures

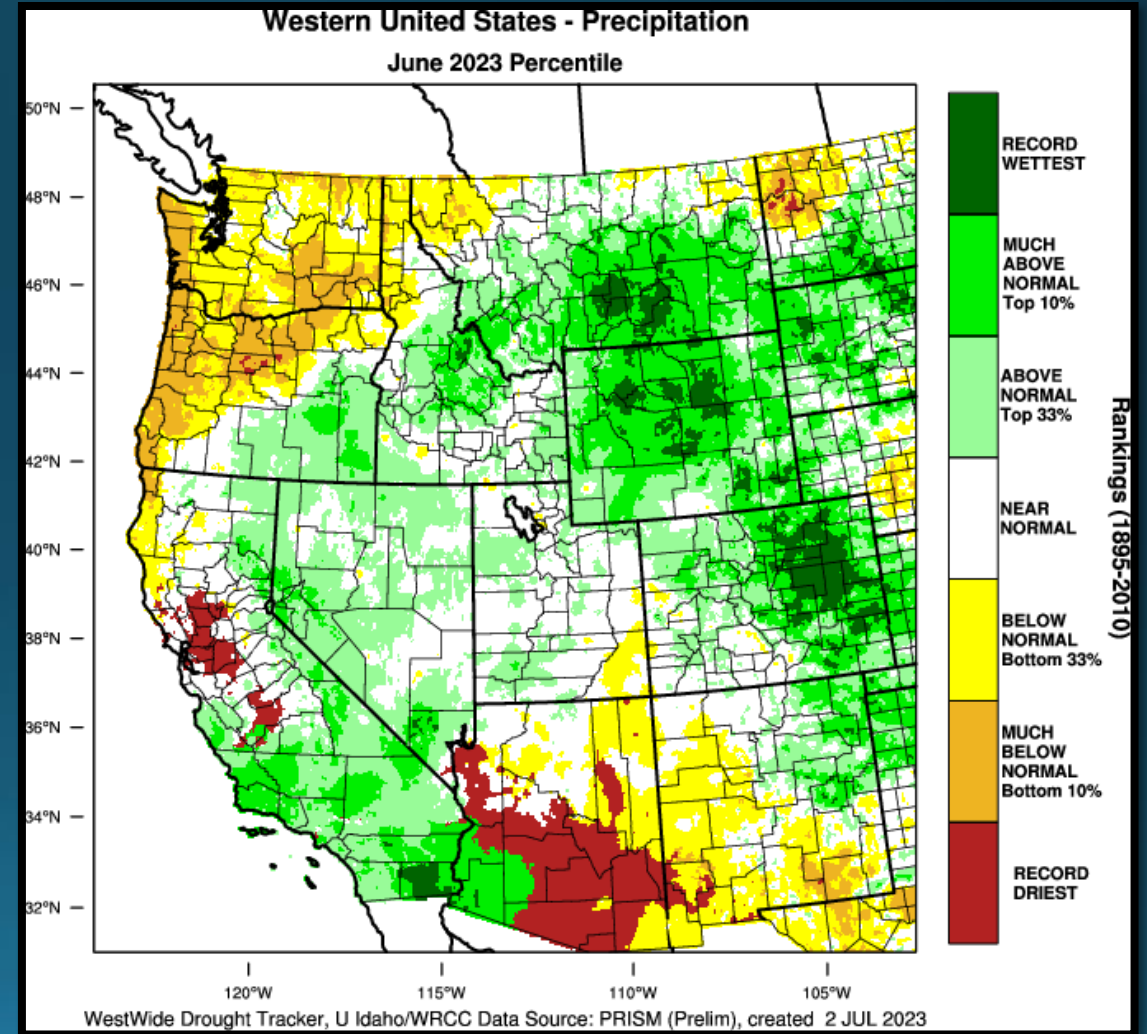
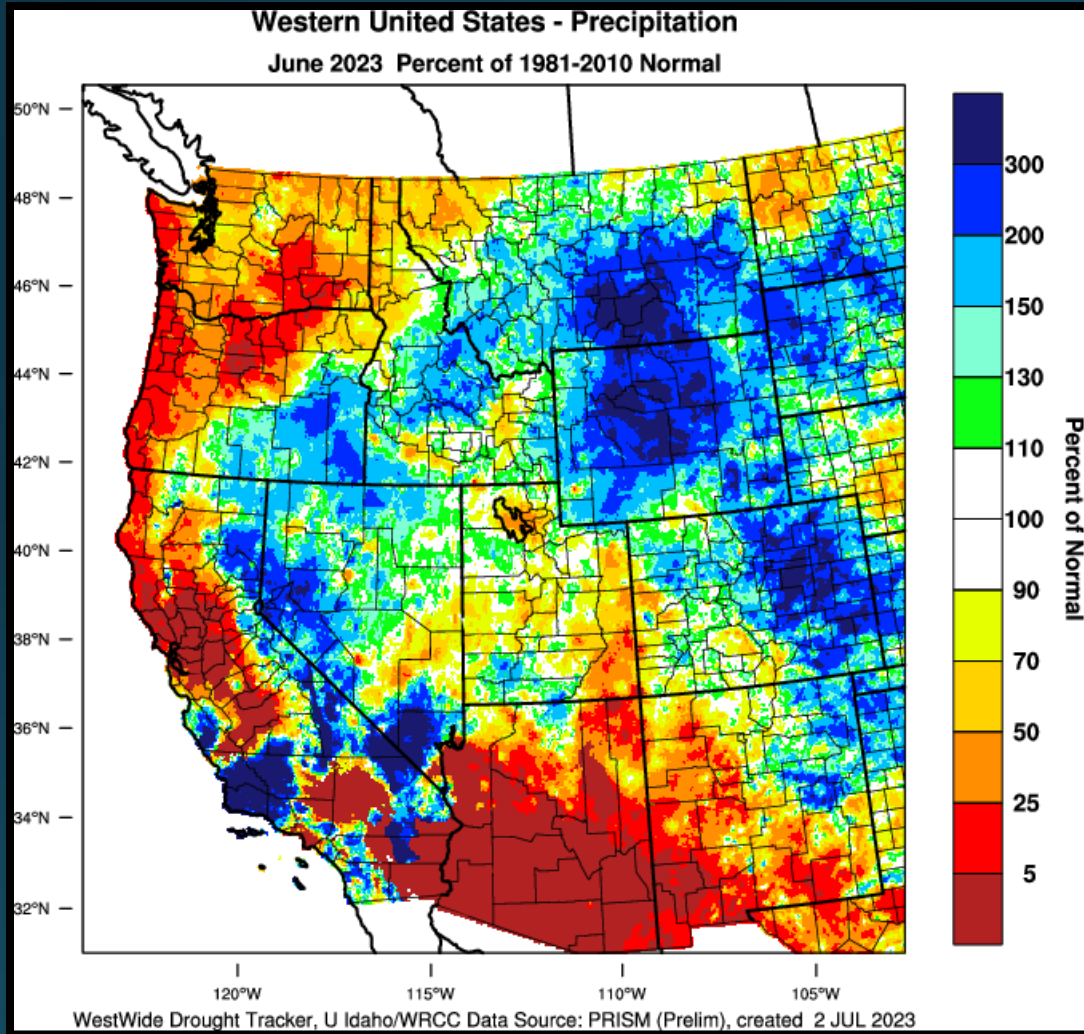
	Max (°F)	Date(s)	Min (°F)	Date(s)
<i>North Bend</i>	67°	21st	42°	1st
<i>Roseburg</i>	97°	30th	44°	1st
<i>Medford</i>	99°	30th	44°	1st
<i>Klamath Falls</i>	91°	30th	30°	20th & 21st
<i>Montague, CA</i>	100°	30th	35°	21st
<i>Mt. Shasta City, CA</i>	96°	30th	35°	21st
<i>Alturas, CA</i>	90°	30th	30°	21st

	Date	Record Low	Old Record/Year
<i>Klamath Falls</i>	21 st	30°F	Ties w/1910
<i>Mt Shasta City</i>	21 st	35°F	Ties w/1991
<i>Montague</i>	21 st	35°F	37°F / 1991

	Date	Record Low Max	Old Record/Year
<i>Medford</i>	19 th	56°F	61°F / 1991
<i>Montague</i>	19 th	59°F	67°F / 2013
	20 th	68°F	69°F / 2010
<i>Alturas</i>	19 th	54°F	55°F / 1975

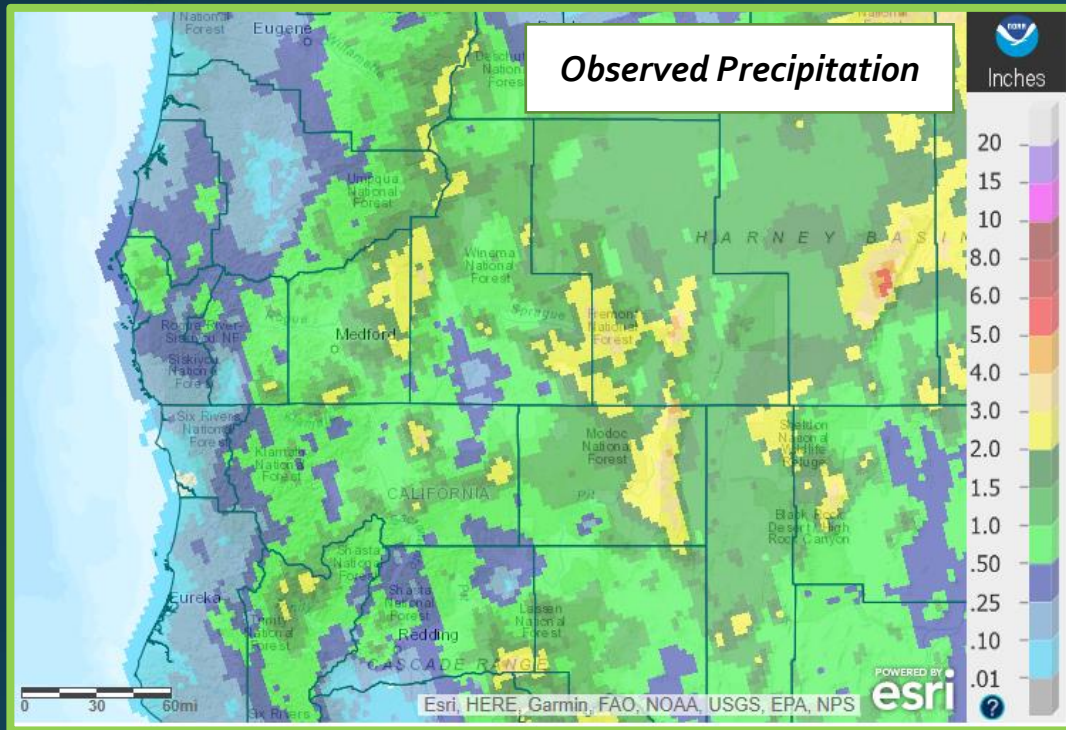


June 2023 Observed Precipitation

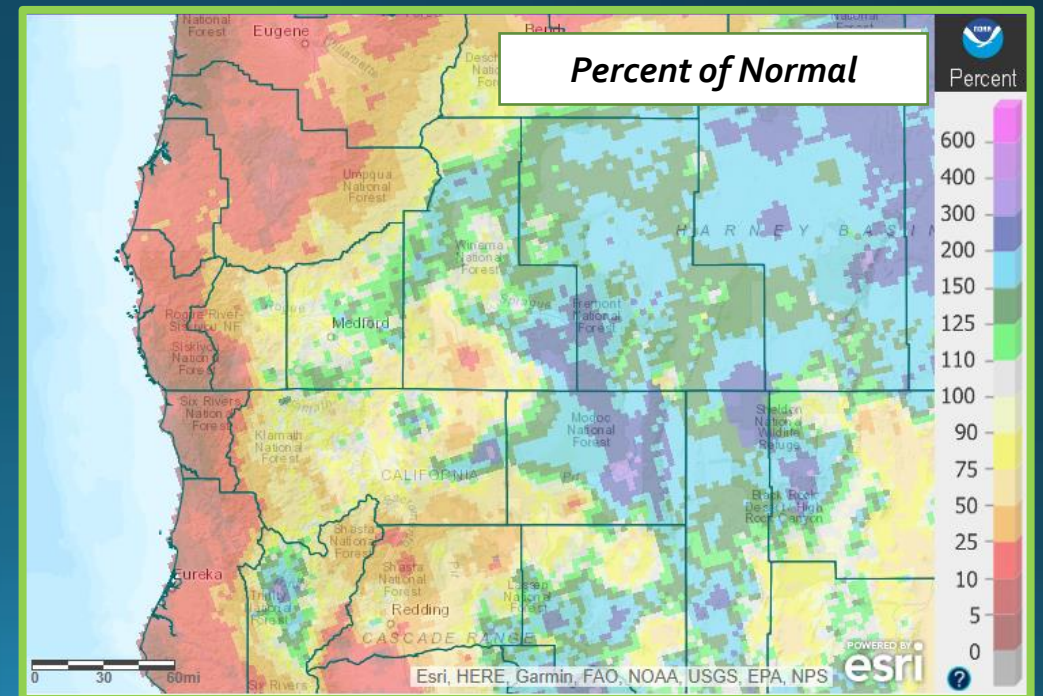




Precipitation



	Total	Departure from Normal	Greatest 24-hr Total	Date(s)
North Bend	0.09"	-1.46"	0.05"	19 th – 20 th
Roseburg	0.15"	-0.78"	0.14"	18 th
Medford	0.44"	-0.24"	0.39"	19 th
Klamath Falls	0.18"	-0.48"	0.08"	6 th
Montague, CA	0.56"	0.00"	0.29"	8 th – 9 th
Mt. Shasta City, CA	0.90"	-0.22"	0.74"	26 th – 27 th
Alturas, CA	3.00"	2.30"	1.85"	24 th – 25 th



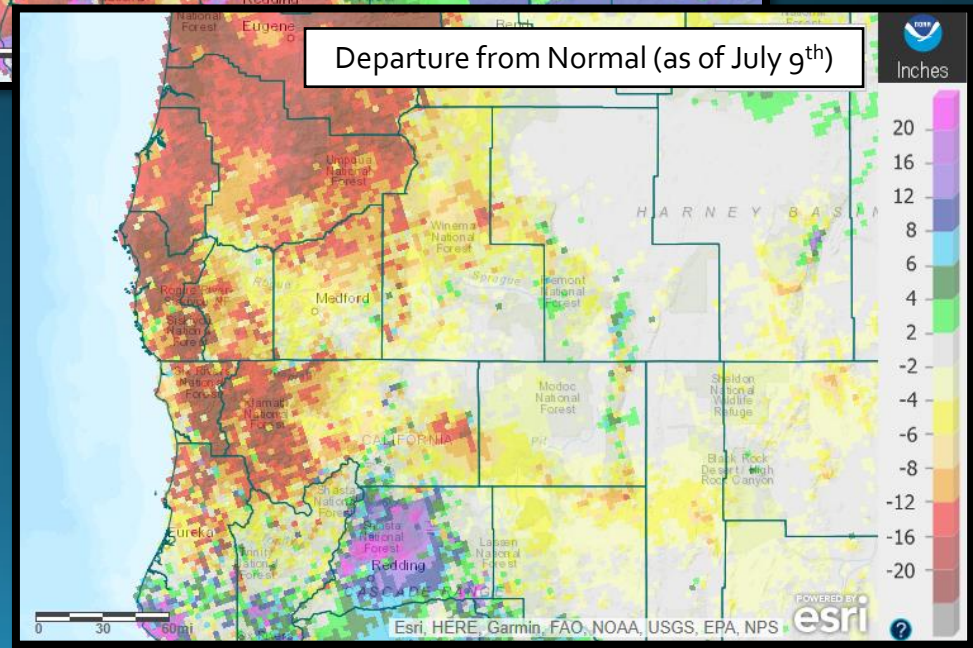
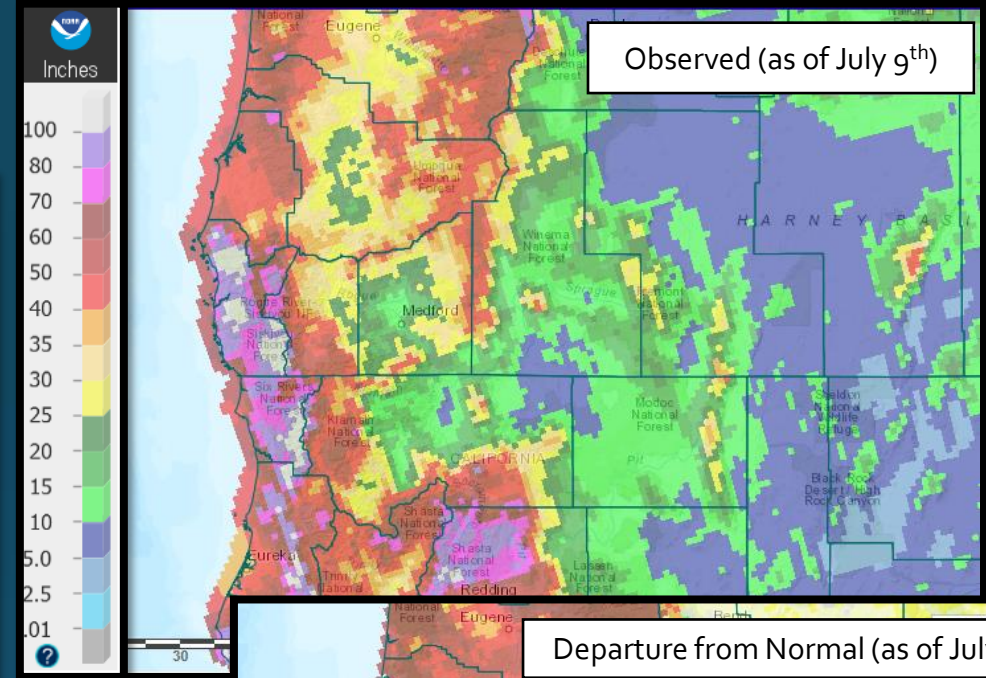
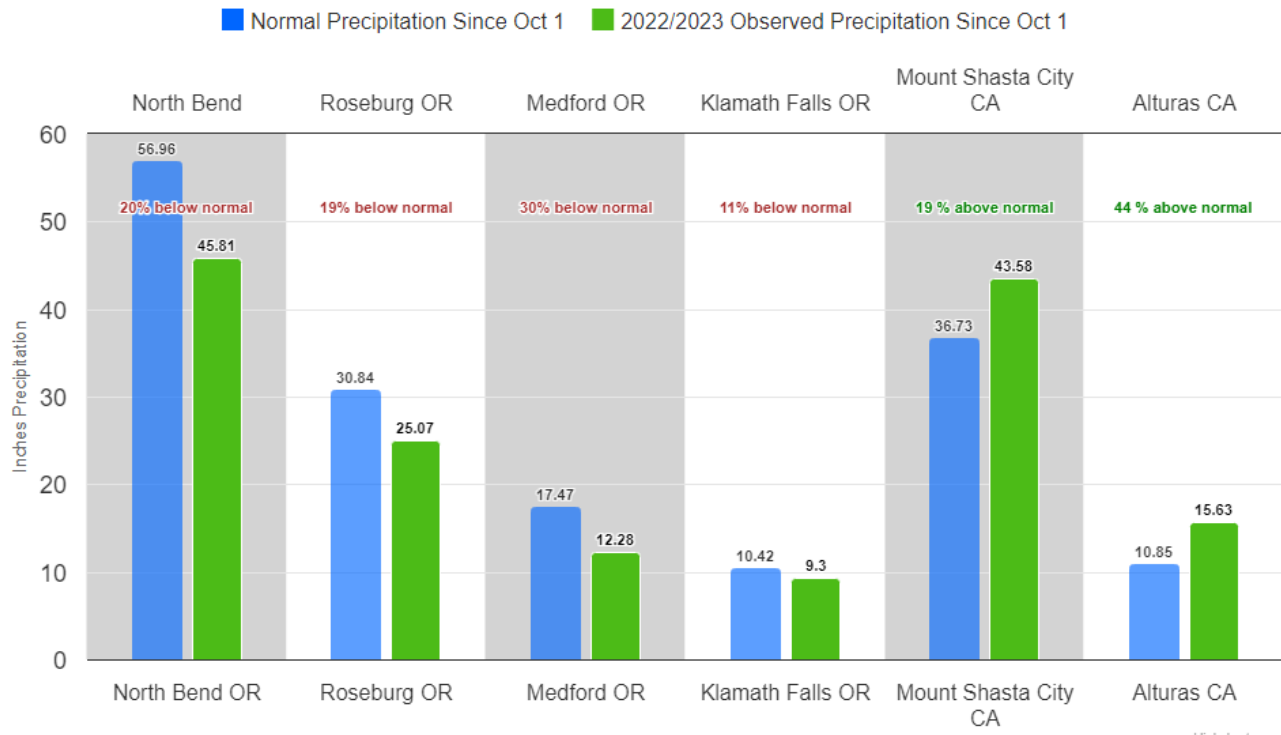
Record Precipitation

	Date / Amount	Old Record / Year
Alturas	25 th /1.81"	1.05" / 1992



Water Year Status (As of July 9th)

Climate Sites Water Year Precipitation (Since Oct 1) and Percent of Normal as of 532PM JUL09



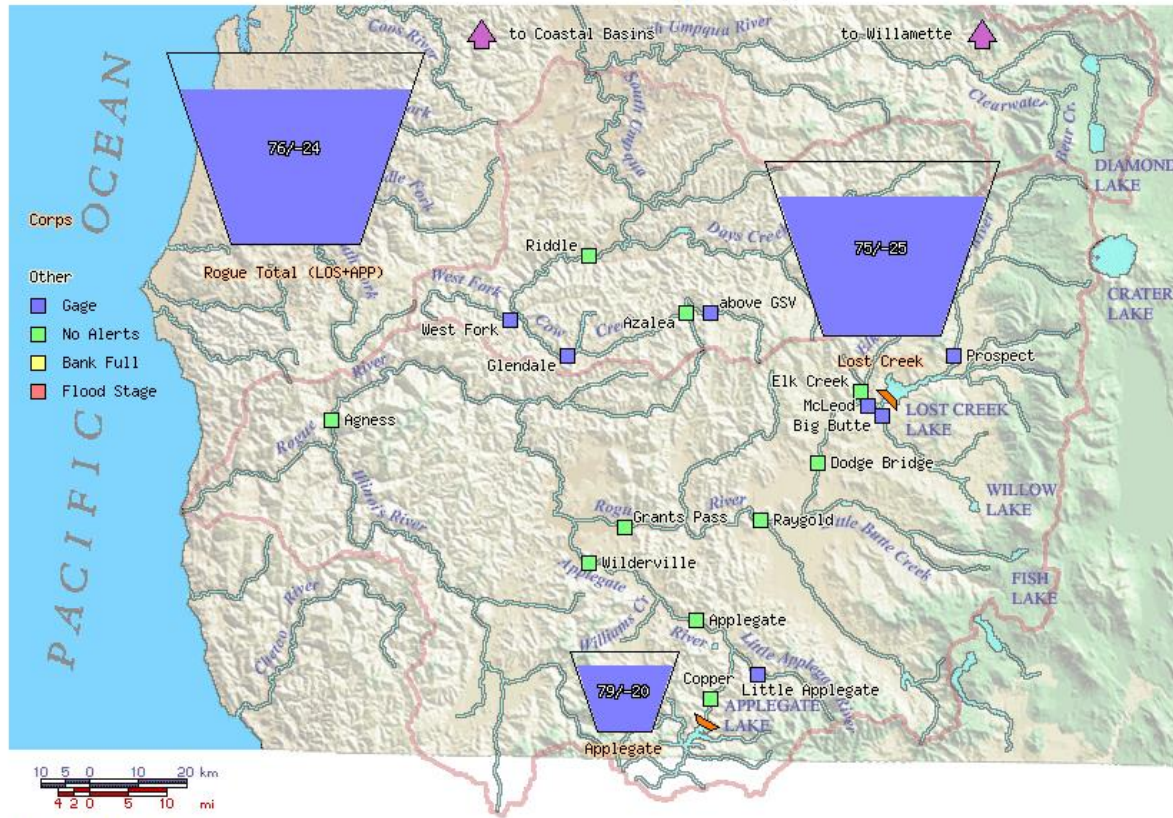


Reservoir Status

Data courtesy of [US Army Corps of Engineers](#)

Data courtesy of [Bureau of Reclamation](#)

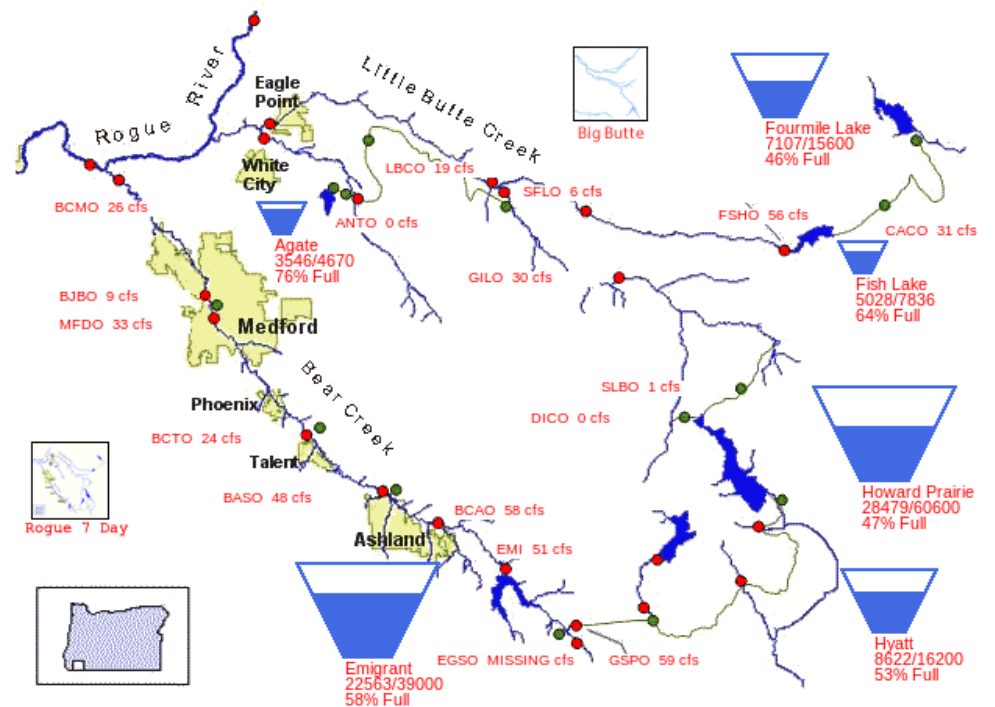
Rogue Basin Teacup Diagram



Created: Sun Jul 9 22:10:54 2023
 WCD: Water Control Diagram
 Project numbers: percent full / percent above WCD, where
 percent full = (current storage - minimum conservation storage) / (maximum conservation storage - minimum conservation storage)
 percent above water control diagram = (current storage - WCD storage) / (maximum conservation storage - minimum conservation storage)

US Bureau of Reclamation, Pacific Northwest Region Bear Creek and Little Butte Creek Basins

07/08/2023

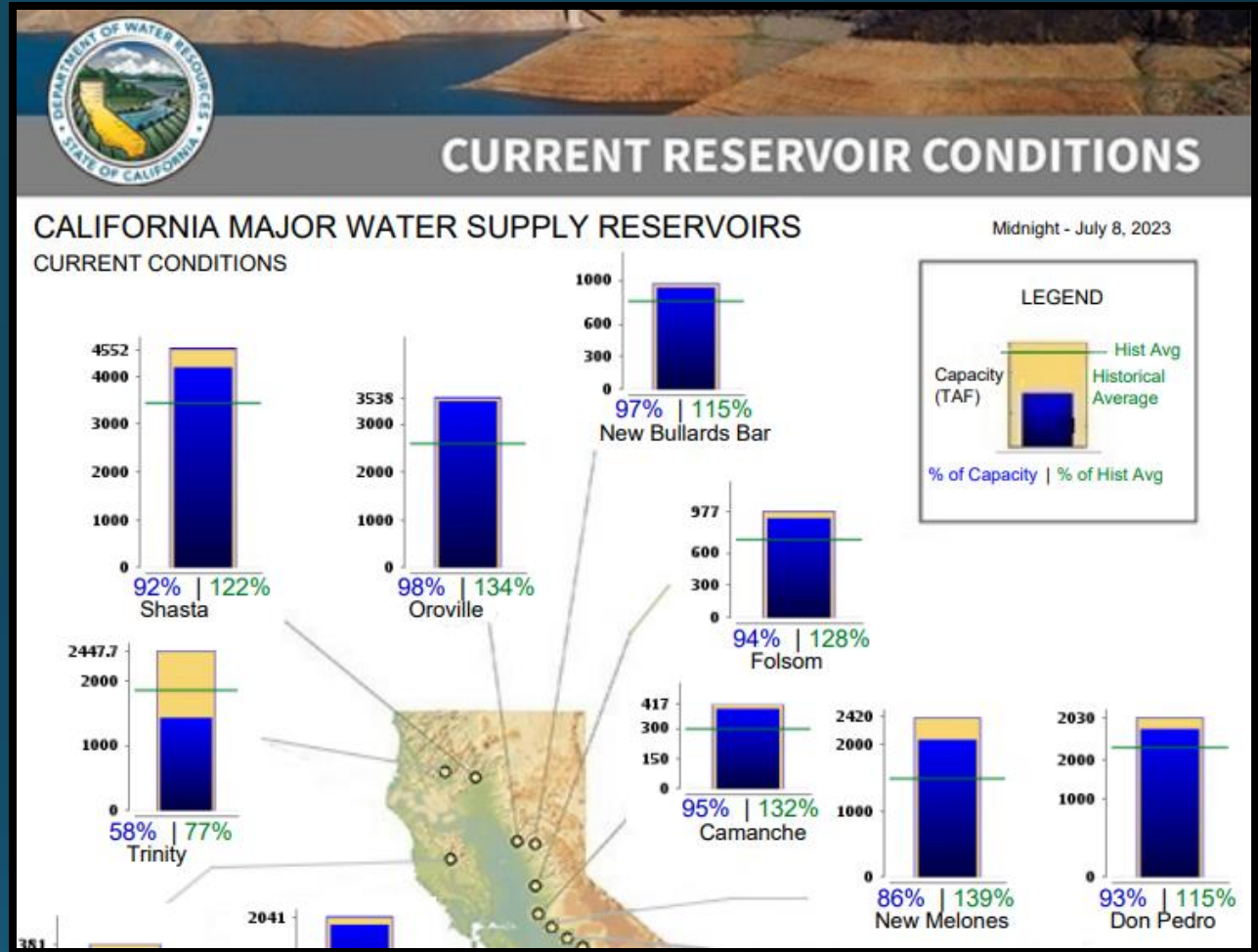
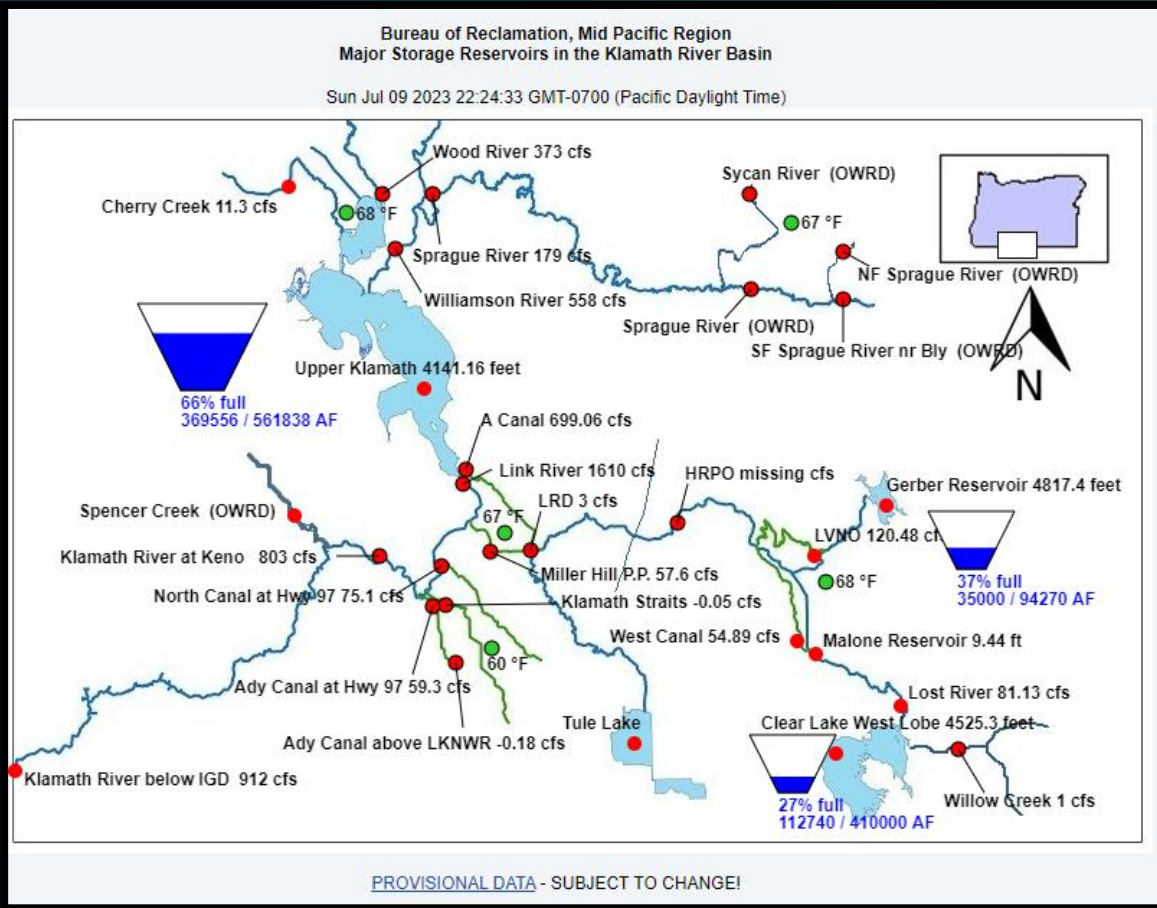


PROVISIONAL DATA - SUBJECT TO CHANGE!



Reservoir Status

Klamath River Basin. Data courtesy of [Bureau of Reclamation](#)



Northern California. [California Data Exchange Center](#)



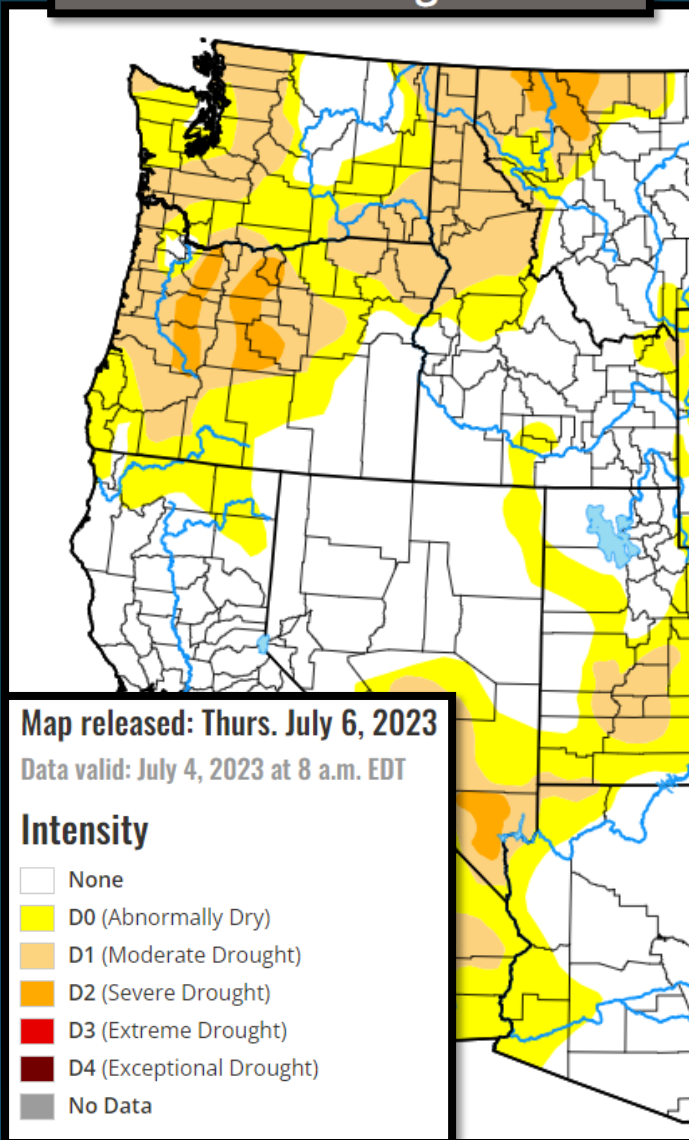
Crater Lake

Image: NPS

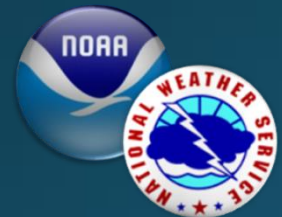
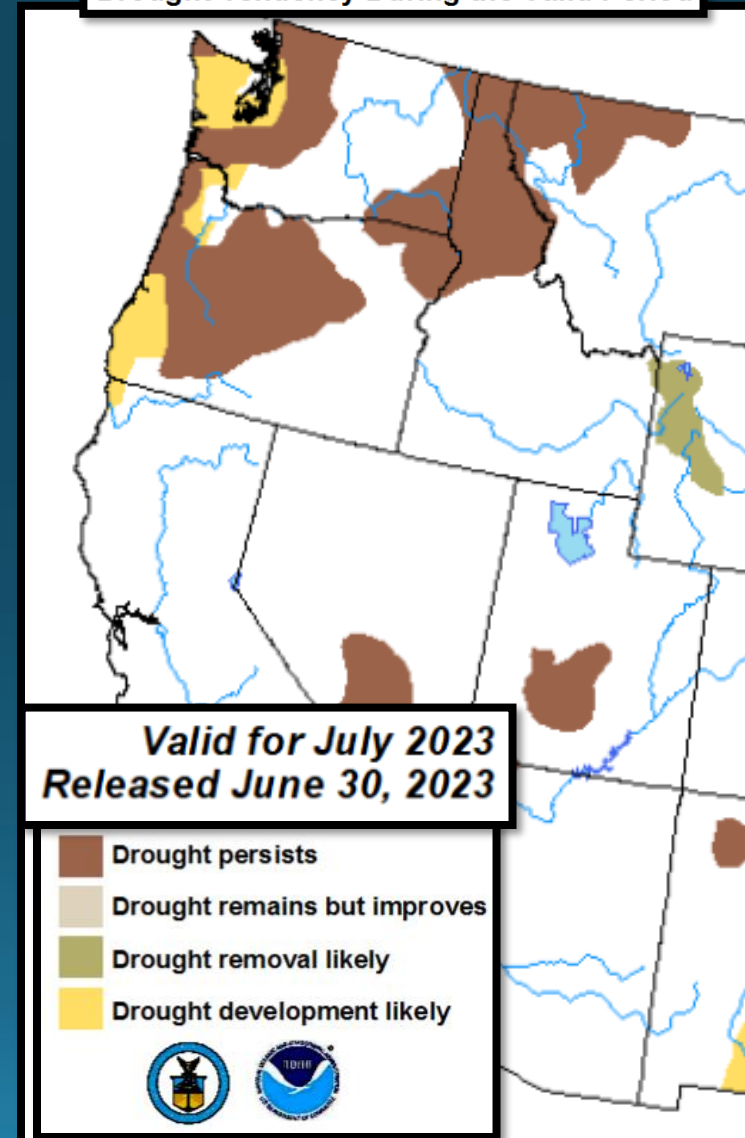
	Average Max Temp (°F)	Average Min Temp (°F)	Total Precipitation	Total Snowfall	Snow Depth as of: 6/30/23	Highest Max/ Lowest Min
June	58.8°	36.0°	0.89"	3.5"	1"	70° on 30 th / 23° on 20 th
Normal (1991-2020)	57.0°	33.6°	2.27"	3.7"	5"	N/A

Drought Monitor (Current) & Outlook (July)

United States Drought Monitor



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

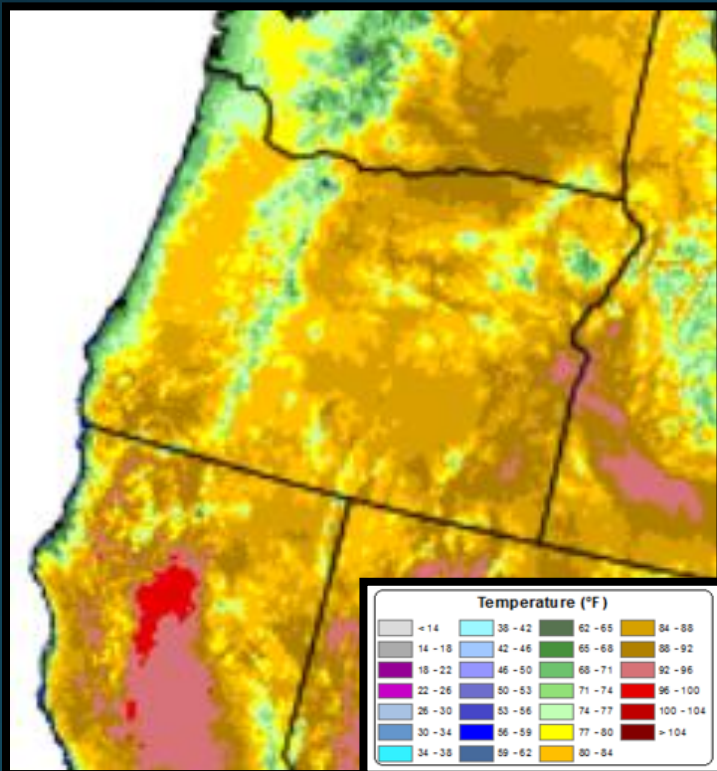




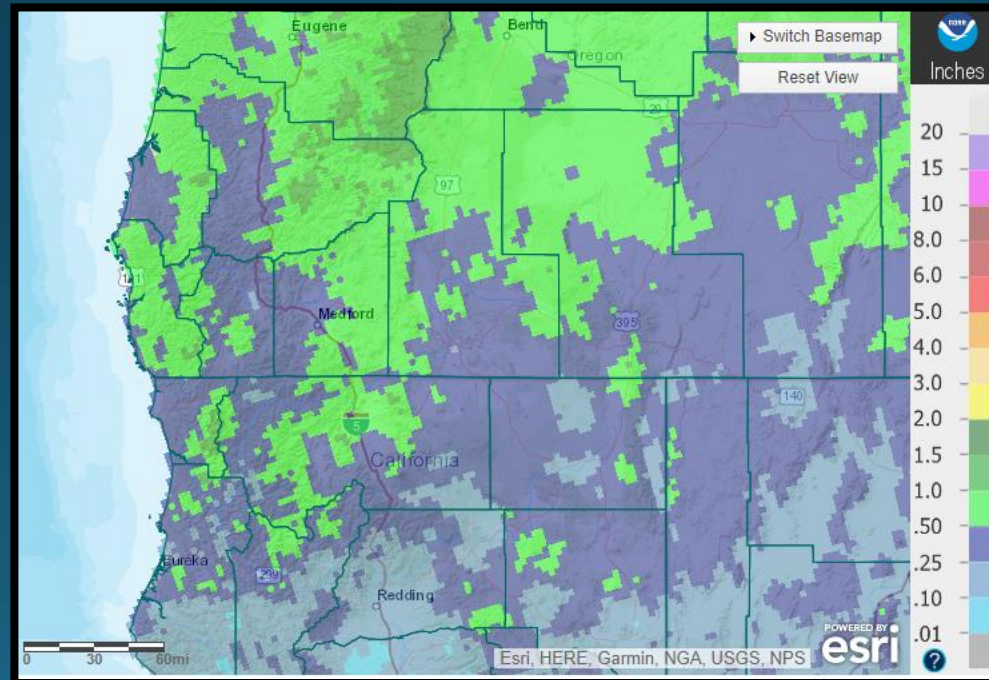
Looking Ahead: Normals for July (1991-2020)

Typically, July, along with August, is one of the two driest and warmest dry season months. High temperatures are very warm to occasionally hot, low temperatures are cool to occasionally warm, and precipitation is minimal, yet locally intense, usually coming in the form of monsoonal showers and thunderstorms. Nearly all of the forecast area receives, on average, an inch or less of precipitation in July. Valley high temperatures are usually in the 80s to lower 90s. Nights are usually cool, with average minimum temperatures in the 40s for valleys east of the Cascades, and 50s in valleys west of the Cascades.

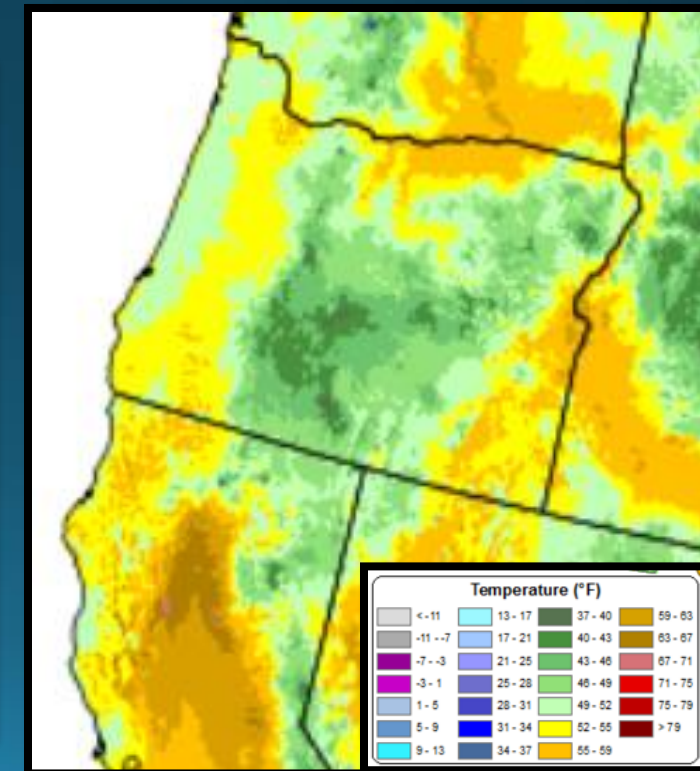
July Avg Maximum Temperatures



July Average Precipitation



July Avg Minimum Temperatures





*A note about Period of Record (POR)

When looking at record setting events, it's important to consider the length and completeness of the site's period of record (POR). For example, a site might have records dating back to the early 1900's, but if there is a significant portion of the record missing, it's possible that the POR is not encompassing another significant event that might have surpassed the event in question. Therefore, "record setting" should be considered relative to the completeness/length of POR. To help keep records in context, the POR for each climate site is listed below:

- **North Bend: 01/1902 – Present**
- **Roseburg: 04/1900 – Present**
 - ❖ *Missing:*
 - 05/1900-01/1901
 - 03/1901-06/1902
 - 08/1902-12/1930
 - 10/1965-06/1997
- **Medford: 03/11/1911 – Present**
- **Klamath Falls: 12/1897 – Present**
- **Montague, CA: 07/1948 – Present**
 - ❖ *Missing:*
 - 08-09/1952
 - 02/1953-06/2000
- **Mount Shasta City, CA: 04/1948 – Present**
- **Alturas, CA: 05/1935 – Present**