

Oregon Monthly Maximum and Minimum Temperature Extremes								
Period of Record: 1889-Present								
(Temperatures in °F.)								
Month	Maximum Temperature	Location	County	Date(s)	Minimum Temperature	Location	County	Date(s)
January	79°	Port Orford No. 2	Curry	1/25/2014	-52°	Danner; Austin 3 S	Malheur; Grant	1/21/1930; 1/8/1937
February	85°	Coquille City	Coos	2/9/2016	-54°	Seneca; Ukiah	Grant; Umatilla	2/10/1933; 2/9/1933
March	91°	Dayville	Grant	3/31/1911	-30°	Fremont	Lake	3/1/1922
April	99°	Echo; McMinnville	Umatilla; Yamhill	4/28/1926; 4/27/1926	-6°	Sand Creek	Klamath	4/1/1936
May	108°	Pelton Dam; Blitzen	Jefferson; Harney	5/23/2001; 5/16/1924	2°	Madras	Jefferson	5/2/2013
June	119°	Moody Farms Agrinet; Pelton Dam	Wasco; Jefferson	6/29/2021	11°	Silver Lake RS	Lake	6/14/2013
July	*119°	Prineville	Crook	7/29/1898	14°	Fremont	Lake	7/2/1955
August	*119°	Pendleton (Downtown)	Umatilla	8/10/1898	13°	Seneca	Grant	8/28/1937
September	111°	Dayville 8 NW; Illahe 1 N	Grant; Curry	9/3/2022; 9/3/1955	* 1°	Seneca	Grant	9/28/1931
October	104°	Lost Creek Dam; Dora 2 W	Jackson; Coos	10/3/1980; 10/2/1980	-11°	Seneca; Fort Rock	Grant; Lake	10/31/2002
November	88°	Brookings	Curry	11/2/1929	-32°	Ukiah; Silver Lake	Umatilla; Lake	11/23/1985; 11/26&27/1896
December	80°	Port Orford No. 2	Curry	12/15/1980	-53°	Riverside; Drewsey	Malheur; Harney	12/24&25/1924; 12/15/1924

Data through 11/30/2023; Updated 12/17/2023

DATA SOURCE: National Centers for Environmental Information (NCEI), Climatological Data, Oregon:
National Centers for Environmental Information (NCEI), Cooperative Observer Network:
Applied Climate Information System (ACIS):
State Climate Extremes Committee Report, February 1, 2022

<https://www.ncdc.noaa.gov/IPS/cd/cd.html>
<https://www.ncdc.noaa.gov/IPS/coop/coop.html>
<https://scacis.rcc-acis.org/>
<https://www.ncdc.noaa.gov/monitoring-content/extremes/scec/reports/20220210-Oregon-Maximum-Temperature.pdf>

NOTE: * See the "Discounted/Questionable Extremes Reported" explanations by month, below.

DISCOUNTED/QUESTIONABLE EXTREMES REPORTED

MONTH	EXTREME CATEGORY	LIKELY & POTENTIALLY ERRONEOUS VALUES & EXPLANATIONS
JANUARY	MAXIMA	ACIS shows COOP station Langlois #2 reported 84 degrees on 1/11/1996, which is way out of range for any other state reading, with the next highest temperature around that date being ust 67 to 69 degrees.
		The 80 degrees at Brookings 2 SE on 1/28/1984 on both the COOP form and in ACIS is shown as Missing in the state Climatological Data publication. The review by NCEI is likely why this value was removed as no other temperture in Oregon was above 70 degrees the entire month of January in 1984.
		The 80 degree readings at Tiller on Jan 21, 22, and 23 in 1939 are considered errata - the COOP form has a handwritten note for these 3 days that states, "Max temp. unreliable." Otherwise, the State's highest maximum temp. in Jan. 1939 is 70 degrees at Wolf Creek on the 1st.
		In ACIS, 7 other stations have January values of 81 degrees or higher but all are either a RAWS station (x6) or a SnowTel station (x1).
FEBRUARY	MAXIMA	The 91 degrees at Dayville, Grant County, on 3/31/1911 is likely valid due to Obs. Time differences - other stations had their April 1911 extremes on the 1st so would not show on the March 1911 CD. Other stations were in the mid-to-upper 80s, including Grass Valley (Sherman County) & Prospect at 88 deg., Glendale 87, Grants Pass 86.
		The 99 degrees at Merlin on March 13, 1900 and the 95 degrees at Vernonia on March 16, 1900 in the State CD are likely errata as no other station in the state was higher than the 70s to low 80s. The Merlin location isn't even listed in ACIS nor the COOP websites.
APRIL	MAXIMA	The 100 degrees at Vernonia in 1897 (on the 25th) in the CD is much higher than any other station in the State, especially within the Willamette Valley (Mt. Angel was 91 degrees, the closest other reading), otherwise the highest May temperature is 99 degrees in 1926 at both McMinnville (27th) and Echo (28th).
	MINIMA	On April 5, 2023, the RAWS station "Crane Prairie Oregon" reported a Minimum Temperature of -10 degrees. It is unknown how accurate this measurement is. In April 2008, SnoTel stations at Crazyman Flat, Klamath County at -10 degrees and McKenzie, Lane County at -9 degrees recorded these values on the 1st of the month. The lowest COOP reading is the -6 degrees at Sand Creek, Klamath County on 4/1/1936, verified by the State CD. The April 1936 CD shows a Min. Temp. of -23 degrees at Meacham but the ACIS database shows this as the only Max or Min Temp. in that month as missing. There is no COOP station for Meacham in April 1936 to review but the -23 degrees is far out of range of any other Oregon station that month.
MAY	MAXIMA	May 1924: The 110 degrees reported at COOP station Estacada 24 SE ("Intake," Oregon) is not considered accurate as the COOP form has the monthly Maximum on the 12th as well as the Average Monthly Temperature crossed out, with a note at the top "Max not used." The station is named "Intake" on the CD and shows a blank in the monthly Max. Temp column but does show the Min. Temp. The daily data is not shown in the CD.
	MINIMA	The 2 degrees at Beulah COOP station on 5/4/2001 is not verifiable as the CD shows all monthly data as Missing and there is no COOP entry for the month of May 2001.
JUNE	MINIMA	The 8 degrees at COOP station 'Paisley 1 SW' on 6/30/2005 is considered errata. The COOP form shows a Min. Temp. of 29 degrees, as do the CD and monthly ACIS run. When a search was performed for stations near "Summer Lake, OR," I noticed two stations very close together, 'Paisley' and 'Paisley 1 SW.' When I ran the latter station's data, there is an 8 degree reading on the 30th with a Max of 84 degrees the same day, thus the reading is discounted as no other nearby station reported temps anywhere near that value; on 6/30/2005, the 'Paisley, OR' COOP station recorded a Min. Temp. of 49 degrees and 'Summer Lake 1 S' recorded a Min. Temp. of 51 degrees. On 6/29/2005, 'Paisley 1 SW' also recorded a Min. Temp. of 14 degrees so something is wrong with these temperatures reported. Subsequently, in the following month of July 2005, the temperature sensor was obviously having further issues as both the Max and Min Temperatures were reported as 82 degrees from 7/8 through 7/26 then Missing on 7/27, continuing out-of-whack until Missing again on 7/31/2005.
		Crater Lake's 10-degree reading on 6/18/1954 in ACIS is considered errata for several reasons: The CD shows a Min. Temp. of 31 degrees on that day (and monthly Min. Temp. of 15 degrees on the 1st); there is no COOP form to review; and the Max. and Obs. Temps in ACIS are both Missing for that day.
		The 10-degree reading at COOP station Fremont 5 NW in 1931 (on the 3rd according to the COOP form) cannot be verified with the CD (the data is simply blank on the Fremont data row and the narrative shows the State Min. Temp. as 16 degrees at Seneca).
		The 11-degree reading on June 7, 2022 and 12 degrees on June 8, 2022 at COOP station 'ALSEA-Oregon Fish Hatchery Research Center' in Lincoln County, are considered errata as no other station within Oregon was below 41 degrees between June 6th and 9th. Also, the Min. Temp. at ALSEA on June 6th was 52 degrees and 49 degrees on June 9th.
JULY	MAXIMA	There is doubt about the Oregon Maximum Temperature record of 119 degrees at Prineville (7/29/1898), even though the National Centers for Environmental Information (NCEI) show this as the July record. The next-highest Oregon reading in July 1898 was 106 degrees in Grants Pass, Pendleton, and Riverside. The likely highest July Maximum Temperature is the 117 degrees reported at Umatilla (Umatilla County) on 7/27/1939.
	MINIMA	The 8-degree reading at COOP station Gerber Dam on 7/16/2006 is errata. No other state station was lower than 35 degrees.
		The 9-degree reading at COOP station Sprague River 2 SE on 7/4/1986 is errata - the COOP form shows 9 degrees but most other data through the first 10 days is missing, and the CD revised that value to 47 degrees.
		The 13-degree reading at COOP station Silver Lake on 7/6/1917 is suspect as most of the month is missing, the day prior had Max/Min Temps of 89/42 and the 6th shows 88/13. The CD shows the Silver Lake row as completely missing and the daily temps are not shown at all.
AUGUST	MAXIMA	There is doubt about the Oregon Maximum Temperature record of 119 degrees at Downtown Pendleton (Umatilla County) on 8/10/1898, even though the National Centers for Environmental Information (NCEI) show this as the record. The next highest Oregon readings in August 1898 were the 111 degrees reported at Prineville (Crook County) on the 9th (also possibly errata) and 110 degrees at Weston (Umatilla County). Walla Walla, Washington, located about 35 miles northeast of Pendleton, recorded 113 degrees on the 10th. The likely highest August Maximum Temperature is the 117 degrees reported at Pelton Dam, Jefferson County on 8/4/1998.
SEPTEMBER	MAXIMA	The 111-degree reading at COOP station Dayville 8 NW on 9/3/2022 is from the ACIS database and verified with the COOP form. As of 12/11/2022, the State CD has not yet been issued to verify this temperature.
		The 115-degree reading at COOP station 'Monument' in ACIS on 9/3/2017 is likely errata: This station is not shown in the CD; the CD shows the State Monthly Max. Temp. as 106 degrees; The 'Monument 2' station nearby shows a Max. of 107 degrees on 9/3/2017 in ACIS, there is no COOP form available for that month, and the CD shows blank data for 1st-17th and 21st-29th.
		The 112-degree reading shown at COOP station Lake Creek 6 SE in ACIS on 9/9/1948 is errata as the CD shows the State Monthly Max. as 103 degrees; ACIS shows the next-highest Max. Temp. as 105 degrees at COOP station Oakridge Fish Hatchery.
	MINIMA	The 1-degree reading reported at COOP station Seneca on 9/28/1931 in ACIS is not shown in the NCEI State Climatological Data (CD) publication (nor is this station name) - the State Monthly Min. Temp. shown is 13 degrees at Blitzen. However, the COOP form for Seneca does show this 1-degree reading on 9/28/1931 so is added to the Extremes Table. Otherwise, the next lowest official temperature appears to be the 13 degrees at Blitzen on 9/9/1931 and 9/25/1931 (per the CD). The 0 degrees reported at COOP station Danner in ACIS on 9/22/2002 is errata: CD shows State monthly Min. Temp. as 15 degrees at Seneca. No COOP form exists in the database past 2011-01 for Danner. The 0 degrees reported at COOP station Squaw Butte-Northern Great Basin Exp Range in ACIS on 9/16+/2017 is errata: CD shows State monthly Min. Temp. as 19 degrees at Burns Muni AP. The Squaw Butte Exp Station COOP form shows zeroes for all Mins 1st-16th and for all Maxs 2nd-15th.
OCTOBER	MAXIMA	The 107 degrees at Wheeler Creek RAWS and 106 degrees at Powers R.S. RAWS are not accepted due to station type.
	MINIMA	The 105-degree reading at the COOP station Big Basin in ACIS on 10/1/1902 does not appear in the monthly nor Annual Summary CDs nor is there a COOP station listed in that database. The next highest monthly Temp for Oct. 1902 was only 92 at Pine, Baker County so the 105 degrees is considered errata.
NOVEMBER	MAXIMA	The -11 degrees reading at Foster Flat in ACIS on 10/31/2002 is a RAWS station so is not accepted.
		The 90 degrees at Lakeview 2 NNW in ACIS on 11/3/1909 is errata: No other State station was higher than 78 degrees; the 90-degrees value is circled and has a question mark next to it in the COOP form. The 89-degree reading at Detroit in ACIS on 11/4/1903 is errata: The COOP form has many missing days and the Extremes portion of the form has a large "X" over the temperature portion and the Max Temps that are shown over the first 14 days are all ≥80 degrees except for one at 79 degrees; the CD just shows missing data for the entire month, evidently due to the extremely high readings as well as extremely low Min Temp readings all being below freezing.
DECEMBER	MAXIMA	The 81 degrees at Dayville on 12/28/1897 is not accepted as valid: it was the only reading in the entire State above the 72 degrees (Jacksonville) and 70 degrees (Langlois); the Max. Temps on the day prior and after were only 45 and 50 degrees; no other station on that day was higher than the 40s and 50s, except Prineville at 62 degrees.
	MINIMA	The December 1924 Minimum Temperatures of -53° at Riverside and Drewsey are estimated, per the Narrative from the Dec. 1924 "Climatological Data, Oregon Section" publication by National Centers for Environmental Information (NCEI): "TheseMINIMA are estimated from the statements of their respective observers, whose minimum thermometers were not graduated below -45° and the index was drawn into the bulb." The town of Blitzen, Harney County, recorded -47 degrees on 12/12/1919.