

TODAY	TONIGHT	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY	SUNDAY
<b>HIGH 48°</b> LOW 25°	<b>LOW 23°</b>	<b>49°</b> <b>27°</b>	<b>52°</b> <b>26°</b>	<b>45°</b> <b>25°</b>	<b>55°</b> <b>29°</b>	<b>58°</b> <b>31°</b>	<b>60°</b> <b>30°</b>

### ALMANAC

Bend Municipal Airport through 5 p.m. yesterday.

TEMPERATURE		
Yesterday	Normal	Record
High 50°	52°	78° in 1939
Low 25°	28°	4° in 1917

24 hours through 5 p.m. yesterday 0.00"  
Record 0.70" in 1907  
Month to date (normal) 0.09" (0.51")  
Year to date (normal) 1.18" (3.13")  
Barometric pressure at 4 p.m. 30.20"

### SUN, MOON AND PLANETS

Rise/Set	Today	Tue.
Sun	7:05am/7:20pm	7:03am/7:21pm
Moon	12:27pm/3:44am	1:28pm/4:33am
Mercury	6:28am/5:16pm	6:27am/5:20pm
Venus	7:10am/7:12pm	7:09am/7:14pm
Mars	9:58am/1:24am	9:56am/1:23am
Jupiter	5:36am/3:43pm	5:32am/3:40pm
Saturn	5:06am/2:47pm	5:03am/2:43pm
Uranus	8:29am/10:27pm	8:25am/10:24pm

Full Mar 28, Last Apr 4, New Apr 11, First Apr 19

**Tonight's sky:** Before midnight, nearly overhead is Perseus, the Hero.

Source: Jim Todd, OMSI

### OREGON WEATHER

Shown is today's weather. Temperatures are today's highs and tonight's lows.

**EAST:** Mostly cloudy and chilly with a few showers on Monday. Decreasing clouds Monday night.

**CENTRAL:** Cloudy with a few showers on Monday. Drying out Monday evening with decreasing clouds overnight.

**WEST:** Cloudy and cool on Monday with periods of rain, especially during the morning. Skies clearing Monday night.

### OREGON EXTREMES YESTERDAY

High: 57° at Ontario  
Low: 13° at Lakeview

### TRAVEL WEATHER

NATIONAL			INTERNATIONAL		
City	Yesterday Hi/Lo/Prec.	Today Hi/Lo/W	City	Yesterday Hi/Lo/Prec.	Today Hi/Lo/W
Abilene	75/49/0.00	73/44/T	Juneau	39/31/0.41	39/34/sn
Albany	63/25/0.00	63/32/E	Kansas City	69/47/T	62/51/rn
Albuquerque	69/44/0.00	56/35/pc	Las Vegas	66/52/0.00	67/47/pc
Anchorage	22/12/0.00	25/18/pc	Lexington	65/33/0.00	67/47/pc
Atlanta	67/47/0.00	70/53/pc	Lincoln	65/47/0.00	51/47/r
Atlantic City	59/35/0.00	52/45/s	Little Rock	67/39/0.00	69/56/pc
Austin	75/42/0.00	72/55/T	Los Angeles	67/49/0.00	71/51/s
Baltimore	64/28/0.00	62/45/pc	Louisville	69/36/0.00	70/52/s
Billings	50/32/0.00	51/32/pc	Madison, WI	63/40/0.00	57/45/c
Birmingham	66/39/0.00	73/57/T	Memphis	69/42/0.00	71/59/pc
Bismarck	62/39/0.00	58/26/pc	Miami	78/60/0.00	79/60/s
Boise	51/31/0.00	49/30/sh	Milwaukee	64/37/0.00	60/46/pc
Boston	58/36/0.00	59/37/s	Minneapolis	63/41/0.05	56/45/r
Bridgeport, CT	58/28/0.00	52/36/s	Nashville	69/33/0.00	71/56/pc
Buffalo	66/30/0.00	65/40/s	New Orleans	72/57/0.00	75/64/c
Burlington, VT	64/25/0.00	64/28/s	New York City	63/42/0.00	58/41/s
Carroll, ME	58/27/0.00	55/31/s	Newark, NJ	63/40/0.00	58/40/s
Charleston, SC	67/46/0.27	69/53/c	Norfolk, VA	55/42/0.00	57/48/pc
Charlotte	66/45/T	67/48/pc	Oklahoma City	68/43/0.00	65/45/r
Chattanooga	68/38/0.00	72/53/s	Omaha	67/47/0.00	52/48/r
Cheyenne	36/32/T	39/24/pc	Orlando	62/52/T	77/57/pc
Chicago	65/37/0.00	64/51/c	Palm Springs	78/54/0.00	80/55/s
Cincinnati	66/38/0.00	67/47/s	Peoria	66/38/0.00	64/51/c
Cleveland	65/29/0.00	65/45/s	Philadelphia	65/33/0.00	62/40/s
Colorado Springs	52/45/0.05	39/25/s	Phoenix	63/40/0.00	74/52/c
Columbia, MO	70/41/0.00	66/49/s	Pittsburgh	64/29/0.00	67/37/s
Columbia, SC	67/45/0.03	69/51/pc	Portland, ME	59/25/0.00	55/32/s
Columbus, GA	68/47/0.01	74/55/pc	Providence	60/30/0.00	58/35/s
Columbus, OH	66/37/0.00	66/44/s	Raleigh	66/41/0.00	65/48/pc
Concord, NH	65/21/0.00	64/27/s	Rapid City	53/36/T	53/28/pc
Corpus Christi	75/46/0.00	76/63/c	Reno	53/27/0.00	55/31/pc
Dallas	70/44/0.00	65/11/r	Richmond	65/32/0.00	63/43/pc
Dayton	66/32/0.00	66/44/s	Rochester, NY	63/27/0.00	66/37/s
Denver	43/31/0.02	39/25/sn	Sacramento	68/42/0.00	65/45/pc
Des Moines	67/43/0.00	57/49/r	St. Louis	70/39/0.00	67/56/pc
Detroit	63/27/0.00	67/41/pc	Salt Lake City	43/30/0.25	48/33/sh
Duluth	59/44/0.03	51/36/pc	San Antonio	75/45/0.00	73/56/c
El Paso	79/50/0.00	66/45/s	San Diego	64/50/0.00	66/57/s
Fairbanks	22/12/0.00	22/7/s	San Francisco	61/44/0.00	60/49/pc
Fargo	51/42/0.02	51/32/s	San Jose	68/40/0.00	67/46/s
Flagstaff	51/26/T	48/18/s	Santa Fe	66/32/0.00	52/27/pc
Grand Rapids	65/28/0.00	66/46/pc	Savannah	57/47/1.51	70/54/c
Green Bay	63/32/0.00	57/44/r	Seattle	45/41/0.08	50/34/pc
Greensboro	63/39/T	63/45/pc	Sioux Falls	62/48/0.00	53/41/r
Harrisburg	65/28/0.00	67/37/s	Spokane	45/31/0.00	47/29/pc
Hartford, CT	65/26/0.00	63/31/s	Springfield, MO	67/42/0.00	64/47/c
Helena	49/33/0.00	48/29/pc	Tampa	64/53/0.00	74/60/pc
Honolulu	80/69/0.13	80/66/pc	Tucson	79/58/0.00	88/44/s
Houston	71/42/0.00	74/62/c	Tulsa	70/47/0.00	68/50/s
Huntsville	65/37/0.00	71/66/pc	Washington, DC	64/36/0.00	64/44/s
Indianapolis	66/31/0.00	65/49/pc	Wichita	66/46/T	56/44/r
Jacksonville	70/40/0.00	73/59/pc	Yakima	52/42/0.00	54/27/s
Jacksonville	60/48/0.15	64/57/pc	Yuma	78/53/0.00	77/51/s

### UV INDEX TODAY

10 a.m.	Noon	2 p.m.	4 p.m.
1	2	2	1

The higher the AccuWeather.com UV Index™ number, the greater the need for eye and skin protection. 0-2 Low, 3-5 Moderate, 6-7 High, 8-10 Very High, 11+ Extreme.

### ROAD CONDITIONS

For web cameras of our passes, go to [www.bendbulletin.com/webcams](http://www.bendbulletin.com/webcams)

**I-84 at Cabbage Hill:** Chilly today with sun; snow showers during the afternoon.

**US 20 at Santiam Pass:** Mostly cloudy and chilly today with rain or snow.

**US 26 at Gov't Camp:** Chilly with snow, little or no accumulation today.

**US 26 at Ochoco Divide:** Rain and snow showers today; breezy in the afternoon.

**ORE 58 at Willamette Pass:** Snow this morning, then a rain or snow shower.

**ORE 138 at Diamond Lake:** Mostly cloudy and very cold, snow this afternoon.

### NATIONAL WEATHER

City	Yesterday Hi/Lo/Prec.	Today Hi/Lo/W	City	Yesterday Hi/Lo/Prec.	Today Hi/Lo/W
Astoria	47/38/0.16	49/39/sh	La Grande	46/33/Tr	44/28/sf
Baker City	50/21/0.00	47/24/sf	La Pine	46/29/0.00	43/20/sn
Brookings	51/36/0.00	50/39/sh	Medford	56/39/0.00	54/36/pc
Burns	50/21/0.00	47/22/sn	Newport	49/37/0.01	48/37/sh
Eugene	51/39/0.01	51/35/sh	North Bend	51/41/0.01	51/37/sh
Klamath Falls	52/14/0.00	45/23/sn	Ontario	57/30/0.00	53/31/sh
Lakeview	48/13/0.00	44/26/sn	Pendleton	51/37/0.00	53/33/sh

Weather(W): s-sunny, pc-partly cloudy, c-cloudy, sh-showers, t-thunderstorms, r-rain, sf-snow flurries, sn-snow, i-ice, Tr-trace, Yesterday data as of 5 p.m. yesterday

### NATIONAL EXTREMES YESTERDAY

(for the 48 contiguous states)

National high: 86° at Zapata, TX  
National low: 12° at Stanley, ID  
Precipitation: 2.16" at Savannah, GA

Shown are today's noon positions of weather systems and precipitation. Temperature bands are highs for the day.

### SKI REPORT

In inches as of 5 p.m. yesterday

Ski resort	New snow	Base
Anthony Lakes Mtn	0	0-78
Hoodoo Ski Area	3	0-65
Mt. Ashland	0	65-71
Mt. Bachelor	2	110-124
Mt. Hood Meadows	6	0-206
Mt. Hood Ski Bowl	5	66-92
Timberline Lodge	8	0-170
Willamette Pass	1	0-55
Aspen / Snowmass, CO	5	52-73
Mammoth Mtn. Ski, CA	0	80-125
Squaw Valley, CA	0	0-132
Park City Mountain, UT	10	55-70
Sun Valley, ID	0	56-77

Source: OnTheSnow.com



Traffic and pedestrians travel through the haze at the intersection of Third Street and Greenwood Avenue in Bend on Sept. 11.

## Air quality

**Continued from A1**

While no fine-particle pollution is considered to be safe, the World Health Organization's about target is 10 parts per cubic meter or less. In 2020, the U.S. average was 9.6, and 38% of U.S. cities exceeded the target level compared to 21% in 2019.

The country's worst annual average was in Yosemite Lakes, California, 37.8 micrograms per cubic meter. The highest U.S. reading was 4,709.3 during heavy smoke in Weed, California, on Sept. 13.

In September, 24 of the world's top 25 most polluted cities were in California and Oregon, the report said. Leading the list was Happy Camp, California, with a monthly average of 154.4 micrograms per cubic meter. The city with the lowest fine pollution levels recorded was Waimea, Hawaii, with 2.2.

Worldwide, fine-particle pollution dropped in 84% of countries and 65% of cities included in the analysis. The company measured air quality at ground-based monitoring stations in 106 countries. About half of all European cities still missed the WHO target.

The country with the worst air quality was Bangladesh, with an annual average of 77.1 micrograms per cubic meter. All but one of the world's 50 most polluted cities are in Bangladesh, China, India and Pakistan.

Fire was not just a U.S. problem. Wildfires and agricultural fires signifi-

cantly contributed to air pollution in Australia, Siberia, South America, Indonesia and Africa.

During a fire, the concentration of tiny pollution particles soars and increases the risk of acute respiratory problems such as asthma attacks.

"You might get up to a thousand (parts per million) in some of these places that are just downwind of a really bad fire in California," said Jeffrey Pierce, an associate professor at Colorado State University who studies the health effects of wildfire smoke. "But generally those only last for a few days or few weeks at most. What we don't know is, if you get hit by really high concentrations, is it the same as if you just took that and averaged it over a long period of time?"

For example, perhaps one large fire raises the annual average in an area from 10 to 20 micrograms per cubic meter. Epidemiologists are trying to figure out whether that is more — or less — harmful to a person's long-term health than year-round exposure to 20.

The working hypothesis is that they are the same, Pierce said.

Now that wildfires are becoming larger and more common while fossil-fuel emissions have trended downward in the United States for decades, a better question may be which type of pollution is more toxic. Unfortunately, new research from the Scripps Institution of Oceanography suggests that wildfire smoke may be significantly worse.

