

TODAY



HIGH

77°

Pleasant and warmer with sunny intervals

TONIGHT



LOW

49°

Showers around early; mostly cloudy

WEDNESDAY



75°

46°

Mostly cloudy

THURSDAY



83°

57°

Sun and clouds

FRIDAY



84°

56°

Mostly cloudy, breezy and very warm

SATURDAY



76°

53°

Cloudy and not as warm with showers around

SUNDAY



63°

41°

Partial sunshine with a couple of showers

MONDAY



65°

40°

Sun and some clouds

ALMANAC

Bend Municipal Airport through 5 p.m. yest.

TEMPERATURE

	Yesterday	Normal	Record
High	64°	71°	95° in 1926
Low	41°	41°	27° in 1963

PRECIPITATION

24 hours through 5 p.m. yesterday	0.04"
Record	0.44" in 1941
Month to date (normal)	0.26" (0.17")
Year to date (normal)	1.83" (5.03")
Barometric pressure at 4 p.m.	30.09"

SUN, MOON AND PLANETS

Rise/Set	Today	Wed.
Sun	5:23am/8:46pm	5:23am/8:46pm
Moon	12:57pm/1:52am	2:05pm/2:13am
Mercury	4:37am/6:48pm	4:34am/6:46pm
Venus	3:44am/5:38pm	3:43am/5:41pm
Mars	2:29am/2:54pm	2:28am/2:54pm
Jupiter	2:14am/2:27pm	2:11am/2:23pm
Saturn	12:46am/11:00am	12:43am/10:56am
Uranus	3:48am/6:08pm	3:44am/6:05pm

First

Full

Last

New

Jun 7

Jun 14

Jun 20

Jun 28

Tonight's sky: First quarter moon.

Source: Jim Todd, OMSI

UV INDEX TODAY

10 a.m.	Noon	2 p.m.	4 p.m.
5	8	7	3

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.

POLLEN COUNT

Grasses	Trees	Weeds
High	Moderate	Absent

Source: Oregon Allergy Associates 541-683-1577

WATER REPORT

As of 7 a.m. yesterday

Reservoir	Acre feet	Capacity
Crane Prairie	49552	90%
Wickiup	76784	38%
Crescent Lake	14198	16%
Ochocho Reservoir	9365	21%
Prineville	42590	29%

River flow

Station

Cu.ft./sec.

Deschutes R. below Crane Prairie	196
Deschutes R. below Wickiup	990
Deschutes R. below Bend	131
Deschutes R. at Benham Falls	1440
Little Deschutes near La Pine	221
Crescent Ck. below Crescent Lake	12
Crooked R. above Prineville Res.	202
Crooked R. below Prineville Res.	144
Crooked R. near Terrebonne	127
Ochocho Ck. below Ochocho Res.	12

FIRE INDEX

Bend	Not available
Redmond/Madras	Not available
Sisters	Not available
Prineville	Not available
La Pine/Gilchrist	Not available

Source: USDA Forest Service

EAST: Partly sunny and pleasant today. Cloudy tonight with a shower in the area.

CENTRAL: Clouds and sun today; pleasant in central parts. Cloudy tonight with a shower in spots; mild in the north.

WEST: Pleasant today with sun and areas of high clouds, except cloudier in central parts.

OREGON EXTREMES YESTERDAY
High: 76° at Ontario
Low: 32° at Crater Lake

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Keep safer
Visit AccuWeather.com

City	Yesterday HI/Lo/Prec.	Today HI/Lo/W	Wednesday HI/Lo/W	City	Yesterday HI/Lo/Prec.	Today HI/Lo/W	Wednesday HI/Lo/W	City	Yesterday HI/Lo/Prec.	Today HI/Lo/W	Wednesday HI/Lo/W
Astoria	64/44/0.00	66/53/pc	64/51/c	La Grande	64/47/0.06	73/56/pc	71/49/c	Portland	67/55/0.17	76/57/pc	74/56/c
Baker City	65/38/0.00	71/51/pc	70/45/c	La Pine	62/43/0.00	74/48/pc	73/42/c	Prineville	64/37/0.11	79/51/pc	73/48/c
Brookings	59/51/0.07	59/52/c	64/51/pc	Medford	74/50/0.00	77/55/pc	80/54/pc	Redmond	68/39/0.17	78/48/pc	75/46/c
Burns	68/38/0.11	74/51/pc	76/46/pc	Newport	59/52/0.19	62/51/pc	59/50/c	Roseburg	71/53/Tr	73/55/c	76/51/c
Eugene	68/55/0.07	73/53/c	74/49/c	North Bend	62/52/0.06	64/54/c	63/50/c	Salem	67/54/0.29	74/54/c	75/51/c
Klamath Falls	69/37/0.00	77/45/pc	76/43/pc	Ontario	76/48/0.02	79/57/pc	81/58/c	Sisters	59/41/0.00	76/48/c	72/46/c
Lakeview	69/44/0.02	78/46/pc	76/44/c	Pendleton	71/53/Tr	77/58/pc	75/56/c	The Dalles	74/57/Tr	82/57/pc	77/55/c

NATIONAL WEATHER

-10s

-0s

0s

10s

20s

30s

40s

50s

60s

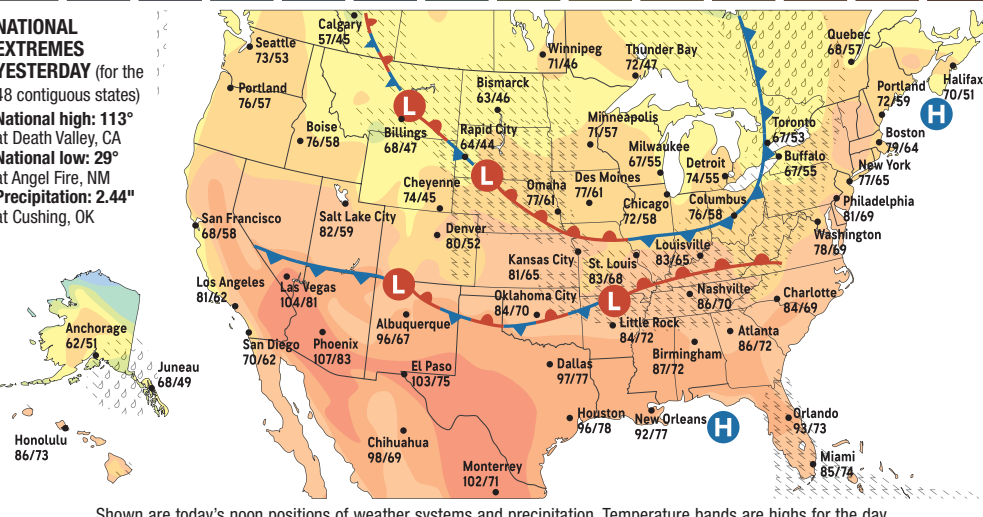
70s

80s

90s

100s

110s



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

T-storms

Rain

Showers

Snow

Flurries

Ice

Cold Front

Warm Front

Stationary Front

“The world and Oregon would be very shocked if they knew the technology that’s right on the horizon. And we’re going to hopefully usher it in, right here through the Pendleton airport.”

— **Steve Chrisman, Pendleton economic development director**

Pendleton
Continued from A11
“By negotiating with area wheat farmers and other landowners, we can spread operations out away from congestion, which provides some level of safety,” explained Cory Roeseler, with Hood Technology, which specializes in blade vibration and monitoring.

Chrisman, the airport economic development director, said there’s another reason Pendleton is popular. The city’s mantra, “Let ‘er Buck,” fits well with fast-paced, high-tech businesses that don’t want to be tied down with red tape. “So many of these test sites are operated by government entities, universities. Folks that maybe are more interested in printing research papers than they are in understanding what the customer wants,” Chrisman said.

What customers want, according to Chrisman, is to get to market quickly and safely. And Pendleton helps them do that.

Over the last six years, the airport has hosted dozens of major tech organizations, including Airbus, Yamaha, NASA and Verizon.

Nine companies now lease space year-round; Yamaha is testing unmanned helicopters about the size of a small person. They can deliver herbicides directly onto an individual vine on a hillside. Company leaders think the drones might be more efficient and cheaper than traditional crop-dusting planes.

An Arizona-based company, Spright, is working on transporting medical tests between a health clinic and a laboratory via drones.

“Our goal is not to come, test and leave. It’s actually to come, test and hire and encourage jobs locally,” said Spright vice president, Justin Steinke.

About 10% of drone activity at the Pendleton Unmanned Aircraft System Range is military. Those projects are secret. Chrisman said what’s important is that all these technologies are cutting-edge and the basis of what he calls a fourth industrial revolution.

“The world and Oregon would be very shocked if they

knew the technology that’s right on the horizon. And we’re going to hopefully usher it in, right here through the Pendleton airport,” Chrisman said.

All the new activity at the drone range has been good for the local economy. Employment around the airport has jumped from 20 jobs to 200 over the last six years.

But the new workers are not doing traditional airport work like air traffic control, and the airport doesn’t offer any more commercial flights than before the drone boom. Instead, the new workers are drone pilots, engineers, entrepreneurs and software experts, all working for private companies on drone projects.

Those businesses are paying to lease hangars and to use the drone range, money that funnels back to local coffers. Airport revenues will amount to about \$1.7 million dollars this financial year; that’s four-and-a-half times more than in 2016.

After years of operating in the red, the airport now makes a profit.

While restaurants, hotels and car rental shops are reporting increased economic activity, Oregon Employment Department economist Dallas Fridley said a major drone impact cannot yet be detected in the local job numbers. It’s one thing to test drones in Pendleton; the real question is whether Eastern Oregon can someday attract businesses that make drones.

“It’s not a situation where you have manufacturers who are based in Umatilla County testing products,” Fridley said.

Pendleton Mayor John Turner thinks that given time, some drone companies will start manufacturing locally. He points out that to start with, they only came to the airport for a week. Then they started to stay for a few

months. Now many have a permanent presence and some are starting to bring-in parts to assemble.

“We think the next logical step would be manufacturing of some kind,” Turner said.

Springer’s company trains dozens of people a year to maintain and fly drones that check power lines and survey farmland. They can start at \$60,000 a year and make upwards of \$150,000 over time

The City of Pendleton knows skilled labor is an issue and has taken steps to grow the supply. For example, Blue Mountain Community College now offers drone operator and maintenance courses, and Pendleton High School has a talented robotics team.

If Pendleton can increase its supply of drone experts, Springer said it doesn’t need to worry about competing with overseas labor, like in China. That’s because national security concerns, overseas supply chain constraints, and intellectual property issues are now driving many Western companies to relocate manufacturing in the United States again, particularly in the high-tech sector.

The fact that Pendleton is a small rural town, isn’t a problem either, he said:

“Because aerospace is a fever. Once you get it, you don’t get out, and you’ll go to about any place in the world to do something cool.”

There is one thing Pendleton needs that has yet to be built and that’s a drone incubation center, a place where garage tinkerers can share ideas and get advice from experts.

Meanwhile, unlike Pendleton, the skies above most American cities remain relatively drone-free. FAA rules continue to restrict airspace. But those rules are constantly being updated as businesses push for new ways to fit drones into the economy.

CLASSIFIEDS

bendbulletin.com

300 TRAILERS/REC. VEHICLES

301 RV's & Travel Trailers

2016 Fleetwood Bounder, 35 ft. 11,700 mi. \$90,000. 541-420-7426

400 GARAGE SALES

401 Garage/Yard Sales

Deschutes River Woods Annual Garage Sale
Saturday, June 11 8AM-4PM
Maps available at **Cinder Butte & Brookwood/Baker**
Look for the **Balloons**

650 HELP WANTED

651 Help Wanted

Campground Hosts Needed for Central Oregon service campgrounds. Energetic hosts, singles or couples. Duties include greeting campers, cleaning restrooms and campsites, fee collecting and recording, some mowing and trimming. Positions include campsite amenities plus salary. Must have RV/ Trailer. Robb: 541-351-1182

Ron's Oil is hiring CDL-A Hazmat Drivers. Year Around/ Home Daily/Competitive Pay/ Vacation/Health Ins./Retirement (541)396-5571

700 LIVESTOCK/ ANIMALS/PETS

728 Dogs, Cats, Pets

Goldendoodle puppies for sale, to a good home 5 females, 5 males, \$500. Mother is AKC papered (Standard Poodle). 916-293-1069

Chi-pom puppies for personal companions. 3 boys, parents on site, \$500. 541-389-0322

728 Dogs, Cats, Pets

Beautiful, healthy Goldadore Puppies will be ready for their new homes June 4. 6 females and 1 male available. They have been raised on a family farm and are used to children. Bailey (the dame) is a very lovable, easygoing yellow Lab. She is a super good mother. Juno (the sire) is a gorgeous, intelligent red AKC Golden Retriever. The puppies will be dewormed and given their first shots. If you are interested, please text 541-619-3513.

Labgato x Poodle hypoallergenic puppies. Call or text. 541-241-4409

Good classified ads tell the essential facts in an interesting manner. Write from the readers view - not the seller's. Convert the facts into benefits. Show the reader how the item will help them in some way.

This advertising tip brought to you by The Bulletin

German Shepherd, AKC puppies & adults www.windridgek9.com 580-450-0232

Goldendoodle Puppies for Sale: Ready to go to new homes, vet checked, Price Reduced. Call 503-298-0612

TRAVEL WEATHER

NATIONAL				NATIONAL			
City	Yesterday HI/Lo/Prec.	Today HI/Lo/W	Wednesday HI/Lo/W	City	Yesterday HI/Lo/Prec.	Today HI/Lo/W	Wednesday HI/Lo/W
Ablene	106/77/0.00	105/76/pc	102/74/s	Juneau	55/51/0.66	68/49/pc	61/46/pc
Albany	80/62/0.00	72/57/r	76/57/r	Kansas City	86/64/1.17	81/65/r	81/57/c
Albany	81/51/0.00	81/62/r	77/58/pc	Lansing	77/63/0.01	74/52/pc	70/56/sh
Albuquerque	93/65/0.00	96/67/c	93/65/pc	Las Vegas	101/76/0.00	104/81/s	106/81/s
Anchorage	67/51/0.00	62/51/c	68/54/pc	Lexington	87/72/0.62	81/64/r	80/62/r
Atlanta	86/68/1.21	86/72/r	86/71/r	Lincoln	84/60/Tr	77/60/r	79/57/c
Atlantic City	79/51/0.00	74/68/pc	78/68/pc	Little Rock	87/69/0.01	84/72/r	84/71/r
Austin	101/76/0.00	101/74/pc	101/73/s	Los Angeles	77/63/0.00	81/62/pc	82/65/s
Baltimore	83/53/0.00	79/67/r	86/67/r	Louisville	85/68/0.43	83/65/r	83/63/r
Billings	69/51/0.02	68/47/pc	76/57/c	Madison, WI	69/58/0.56	75/56/pc	69/54/sh
Birmingham	88/70/0.45	87/72/r	86/70/r	Memphis	87/72/0.25	85/72/r	84/72/r
Bismarck	73/48/0.10	76/58/s	80/56/pc	Miami	87/77/0.01	85/74/r	89/76/r
Boston	75/58/0.00	79/64/pc	74/64/sh	Milwaukee	76/56/0.32	67/55/pc	66/57/sh
Bridgeport, CT	79/53/0.00	76/64/pc	75/64/sh	Minneapolis	78/58/0.25	71/57/pc	74/52/pc
Buffalo	82/60/0.04	67/55/r	71/56/pc	New Orleans	90/74/0.00	92/77/r	92/78/s
Burlington, VT	80/51/0.00	82/62/r	77/58/sh	New York City	80/63/0.00	77/65/pc	79/65/pc
Caribou, ME	68/47/0.04	76/56/s	84/54/sh	Newark, NJ	85/80/0.00	81/68/pc	86/89/pc
Charleston, SC	84/66/0.00	87/73/pc	91/74/sh	Norfolk, VA	75/64/0.00	83/71/pc	86/71/r
Charlotte	85/60/0.00	84/68/pc	86/69/r	Oklahoma City	89/68/Tr	84/70/pc	83/67/c
Chattanooga	86/64/0.26	85/71/r	83/70/r	Omaha	79/62/0.04	77/61/r	77/57/pc
Cheyenne	80/49/Tr	74/45/pc	72/54/c	Orlando	93/75/0.04	93/73/r	93/74/r
Chicago	76/64/0.42	72/58/pc	66/57/sh	Palm Springs	105/75/0.00	106/77/s	108/78/s
Cincinnati	81/64/0.46	78/59/r	79/61/r	Peoria	83/69/0.11	79/61/pc	76/58/sh
Cleveland	82/64/0.11	82/67/pc	73/69/pc	Philadelphia	82/58/0.00	81/69/pc	81/69/pc
Colorado Springs	78/53/Tr	79/54/r	73/57/pc	Phoenix	105/80/0.00	107/83/s	109/85/pc
Columbia, MO	82/64/0.00	81/66/pc	80/58/c	Pittsburgh	82/56/Tr	71/56/r	77/57/pc
Columbia, SC	90/62/0.00	90/71/pc	92/73/r	Portland, ME	76/45/0.00	72/59/pc	68/57/c
Columbus, GA	89/70/0.03	90/71/pc	92/70/r	Providence	80/53/0.00	77/63/pc	73/64/sh
Columbus, OH	78/63/0.66	76/58/r	79/59/r	Raleigh	85/59/0.00	86/70/pc	89/70/r
Concord, NH	81/43/0.00	82/60/pc	75/56/sh	Rapid City	67/52/0.42	64/44/r	71/49/pc
Corpus Christi	92/76/0.00	93/78/s	94/77/s	Reno	95/47/0.00	88/57/pc	90/59/pc
Dallas	94/76/0.00	91/77/pc	96/76/pc	Richmond	83/55/0.00	81/69/c	87/68/r
Dayton	81/64/0.09	77/56/c	79/58/r	Rochester, NY	81/59/0.02	79/55/r	72/55/pc
Denver	81/52/0.01	80/52/pc	78/56/pc	Sacramento	89/59/0.00	91/59/s	90/60/s
Des Moines	77/62/1.29	77/61/c	76/56/pc	St. Louis	79/69/0.04	83/68/pc	81/62/sh
Detroit	81/58/0.15	74/55/pc	73/57/pc	Salt Lake City	80/60/0.01	82/59/s	90/66/pc
Duluth	63/46/Tr	70/51/c	72/48/c	San Antonio	70/47/0.00	104/76/pc	100/76/s
El Paso	103/75/0.00	103/75/s	104/76/c	San Diego	70/62/0.00	77/62/pc	77/62/pc
Fairbanks	78/53/0.00	74/49/s	69/47/c	San Francisco	68/56/0.00	68/58/s	71/56/s
Fargo	72/49/0.00	69/50/c	72/50/pc	San Jose	77/58/0.00	79/58/s	81/57/s
Flagstaff	80/45/0.00	82/47/s	84/47/s	Santa Fe	90/55/0.00	91/58/s	88/57/c
Grand Rapids	75/59/0.01	82/51/pc	86/53/sh	Savannah	84/69/0.03	89/73/sh	92/74/pc
Green Bay	61/58/0.78	74/54/pc	72/54/c	Seattle	63/51/0.00	73/53/pc	68/53/c
Greensboro	84/58/0.00	80/66/c	85/67/r	Sioux Falls	69/61/0.04	74/54/r	72/53/pc
Harrisburg	85/64/0.00	78/67/r	86/65/pc	Spokane	86/49/0.10	71/54/pc	77/54/pc
Hartford, CT	83/51/0.00	80/64/pc	79/64/sh	Springfield, MO	82/65/0.37</		