

AccuWeather.com Forecast

TODAY	SATURDAY	SUNDAY	MONDAY	TUESDAY
Mostly cloudy with a little rain	Pleasant and warmer	Pleasant and warmer	Hot with plenty of sun	Mostly sunny and nice
PENDLETON TEMPERATURE FORECAST				
67°	49°	74°	55°	84°
HERMISTON TEMPERATURE FORECAST				
74°	50°	80°	58°	90°
50°	58°	90°	58°	98°
63°	63°	63°	63°	86°
57°	57°	57°	63°	57°

ALMANAC

PENDELTON
through 3 p.m. yesterday

TEMPERATURE

HIGH	LOW
Yesterday 72°	54°
Normals 78°	52°
Records 101° (1961)	34° (1920)

PRECIPITATION
24 hours ending 3 p.m. Trace
Month to date 0.95"
Normal month to date 0.76"
Year to date 10.10"
Last year to date 5.92"
Normal year to date 7.27"

HERMISTON
through 3 p.m. yesterday

TEMPERATURE

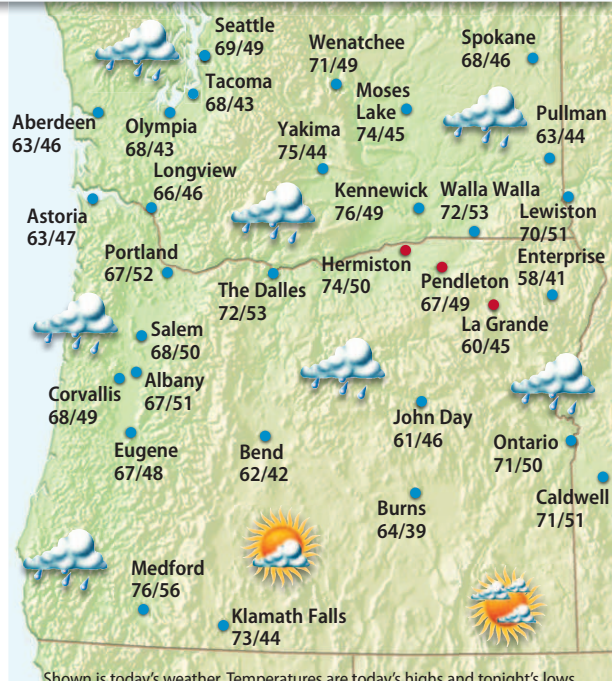
HIGH	LOW
Yesterday 73°	57°
Normals 79°	53°
Records 99° (1974)	40° (1930)

PRECIPITATION
24 hours ending 3 p.m. Trace
Month to date 0.24"
Normal month to date 0.36"
Year to date 6.55"
Last year to date 4.35"
Normal year to date 5.47"

SUN AND MOON

Sunrise today	5:05 a.m.
Sunset tonight	8:47 p.m.
Moonrise today	12:45 a.m.
Moonset today	12:02 p.m.

Last New First Full
June 17 June 23 June 30 July 8



REGIONAL FORECAST

Coastal Oregon: A stray shower in the morning; otherwise, mostly cloudy today.

Eastern Washington: Times of clouds and sun today with brief showers. Partly cloudy tonight.

Cascades: Mostly cloudy today with a couple of showers.

Northern California: Partial sunshine today. Clear to partly cloudy tonight. Mostly sunny tomorrow.

Western Washington: Mostly cloudy today; a little rain spreading from south to the upper Treasure Valley.

Western Washington: Mostly cloudy today. A couple of showers; only in the morning at the coast.

REGIONAL CITIES

City	Today			Sat.		
	Hi	Lo	W	Hi	Lo	W
Astoria	63	47	sh	63	54	c
Baker City	62	39	r	71	45	pc
Bend	62	42	c	75	49	s
Brookings	63	54	c	67	56	s
Burns	64	39	c	75	43	pc
Enterprise	58	41	sh	69	45	pc
Eugene	67	48	sh	77	51	pc
Heppner	65	46	r	74	51	pc
Hermiston	74	50	c	80	58	pc
John Day	61	46	r	73	48	pc
Klamath Falls	73	44	pc	79	47	pc
La Grande	60	45	r	71	46	pc
Meacham	58	42	r	69	48	pc
Medford	76	56	pc	86	58	pc
Newport	60	48	sh	63	51	pc
North Bend	64	53	c	68	55	pc
Ontario	71	50	c	77	52	pc
Pasco	76	48	c	80	54	pc
Pendleton	67	49	r	74	55	pc
Portland	67	52	sh	73	57	pc
Redmond	65	39	c	78	46	s
Salem	68	50	sh	76	54	pc
Spokane	68	46	sh	70	52	pc
Ukiah	59	42	r	71	46	pc
Vancouver	66	50	sh	73	57	pc
Walla Walla	72	53	sh	77	59	pc
Yakima	75	44	c	78	53	pc

WORLD CITIES

City	Today			Sat.		
	Hi	Lo	W	Hi	Lo	W
Beijing	101	71	pc	97	75	c
Hong Kong	91	82	t	86	81	r
Jerusalem	83	63	s	83	63	s
London	74	60	pc	82	62	s
Mexico City	79	54	pc	80	51	pc
Moscow	57	49	r	68	52	pc
Paris	74	55	pc	82	62	s
Rome	85	66	s	85	65	s
Seoul	88	64	s	83	62	s
Sydney	64	57	c	64	55	sh
Tokyo	80	65	s	78	65	s

WINDS

City	Today	Saturday
Boardman	WSW 8-16	WSW 6-12
Pendleton	WSW 7-14	WSW 4-8

UV INDEX TODAY

1 2 3 3 3 1

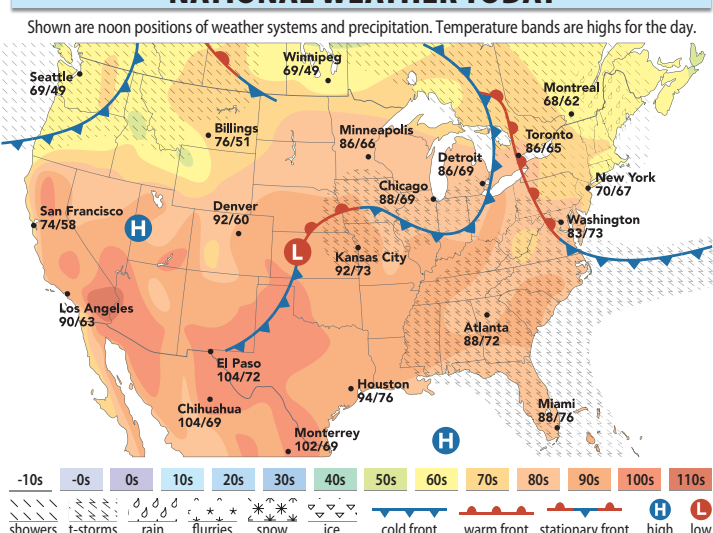
8 a.m. 10 a.m. Noon 2 p.m. 4 p.m. 6 p.m.

0-2, Low 3-5, Moderate 6-7, High; 8-10, Very High; 11+, Extreme

The higher the AccuWeather.com UV Index™ number, the greater the need for eye and skin protection.

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NATIONAL WEATHER TODAY



National Summary: Showers and storms will expand from the Southeast to the Northeast states today. Storms over part of the Midwest can become severe. As showers cool the Northwest, the rest of the West will be sunny.

Yesterday's National Extremes: (for the 48 contiguous states)
High 111° in Palm Springs, Calif. Low 26° in Angel Fire, N.M.

NATIONAL CITIES

City	Today			Sat.		
	Hi	Lo	W	Hi	Lo	W
Albuquerque	97	64	s	99	69	s
Atlanta	88	72	t	87	73	t
Atlantic City	76	68	c	78	71	c
Baltimore	83	69	c	86	71	c
Billings	76	51	c	72	48	r
Birmingham	89	73	t	90	74	t
Boise	70	51	c	74	54	pc
Boston	67	61	r	75	66	pc
Charleston, SC	89	74	pc	87	73	pc
Charleston, WV	86	65	t	91	69	pc
Chicago	88	69	pc	86	68	t
Cleveland	91	71	pc	90	74	pc
Dallas	98	78	s	98	79	s
Denver	92	60	pc	87	52	pc
Detroit	86	69	pc	88	72	t
El Paso	104	72	s	105	73	s
Fairbanks	66	54	pc	67	51	sh
Fargo	83	58	pc	73	53	r
Honolulu	87	73	pc	87	74	pc
Houston	94	76	pc	95	77	pc
Indianapolis	88	69	pc	89	72	c
Jacksonville	88	71	pc	88	72	c
Kansas City	92	73	t	95	65	s
Las Vegas	107	81	s	109	84	s
Little Rock	93	74	pc	95	75	pc
Los Angeles	90	63	s	88	64	s
Louisville	93	71	pc	92	74	t
Memphis	95	77	t	95	78	t
Miami	88	76	t	88	77	t
Milwaukee	85	69	c	82	67	t
Minneapolis	86	66	pc	77	59	pc
Nashville	94	72	t	93	74	t
New Orleans	88	75	pc	88	75	pc
New York City	70	67	sh	78	70	c
Oklahoma City	91	75	pc	99	72	s
Omaha	97	70	t	87	62	pc
Philadelphia	80	70	sh	86	73	c
Phoenix	109	80	s	110	81	s
Portland, ME	64	56	r	72	60	pc
Providence	69	62	c	77	66	pc
Raleigh	89	70	t	87	70	t
Rapid City	83	54	pc	73	47	sh
Reno	94	63	pc	94	63	s
Sacramento	100	71	s	103	75	s
St. Louis	90	75	pc	98	71	t
Salt Lake City	91	63	s	82	57	pc
San Diego	78	62	s	78	63	pc
San Francisco	74	58	t	76	61	s
Seattle	69	49	sh	70	56	c
Tucson	106	71	s	106	71	s
Washington, DC	83	73	c	87	75	c
Wichita	96	74	pc	100	67	s

Weather (W): s-sunny, pc-partly cloudy, c-cloudy, sh-showers, t-thunderstorms, r-rain, sf-snow flurries, sn-snow, i-ice.

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Official says more Hanford nuclear mishaps likely

By NICHOLAS K. GERANIOS
Associated Press

RICHLAND, Wash. — Future accidental radiation releases at the largest U.S. site of waste from nuclear weapons production are likely following back-to-back emergency evacuations of workers in May and June because aging infrastructure is breaking down, the top Energy Department official at the site told The Associated Press.

Adding to the likelihood of more nuclear mishaps at the sprawling Hanford Nuclear Reservation is inadequate government funding to quickly clean up the millions of gallons of toxic nuclear waste at the site, said Doug Shoop, who runs the department's operations office at Hanford.

Hanford has an annual budget of \$2.3 billion for cleanup but Shoop said it will cost at least \$100 billion to clean up the highly toxic radioactive and chemical wastes on the 580-square mile site which produced up to 70 percent of the plutonium for the U.S. nuclear arsenal since it was established in World War II.

"The infrastructure is not going to last long enough for the cleanup," Shoop said in an interview this week. "It will be another 50 years before it is all demolished."

Shoop made the comments after hundreds of Hanford workers were evacuated May 9 when the roof of a 1950s rail tunnel storing a lethal mix of waste from plutonium production collapsed. Tests show no radiation was released.

Then, on June 8, demolition work at a 1940s plutonium plant sent 350 workers seeking cover inside. Radiation was emitted but not deemed at a level harmful to people.

More money would lead to a faster cleanup, Shoop said. But President Donald Trump's proposed budget for next year includes a \$120 million cut for Hanford.

The official deadline for cleaning up Hanford is 2060, but Shoop said so much infrastructure at the site is



In this photo taken July 2016, a sign warns of radioactive material stored underground on the Hanford Nuclear Reservation near Richland, Wash.

deteriorating that "some facilities are not going to withstand that time."

The site's cleanup began in 1989 and critics have accused regulators of allowing the U.S. government to delay cleanup deadlines by decades, putting lives and the environment at risk.

"Every year that we don't have an earthquake ... has been just luck," said Gerry Pollet, a Washington state legislator who represents a liberal Seattle district, about 200 miles from Hanford.

Shoop said about half of the site is free of pollution. And parts of Hanford make up the new Manhattan Project National Historical Park, where visitors can learn about the development of the atomic bomb.

But Hanford's most dangerous contaminated waste has not been cleaned up, and the two recent evacuation incidents illustrated problems that could become more frequent in the future.

In the May rail tunnel collapse, a huge sinkhole suddenly emerged above the 360-foot long tunnel holding eight railroad cars that transported waste in the 1950s. The earth that fell into the tunnel helped prevent radiation from going into the air because it covered the railroad cars.

Workers have since filled in the sinkhole and covered the tunnel with a fabric similar to what is used to cover farmers' haystacks.

Officials were aware of the risk to the tunnel, Shoop said. He warned other aging facilities at Hanford also pose

a risk.

"There are a whole bunch of things analogous to the tunnels," he said.

In the June incident, radiation warnings sounded as workers removed outdoor equipment from a plant that once churned out disks of plutonium for use in nuclear weapons and is now one of Hanford's most polluted areas.

The event illustrated how Hanford's precautions to protect its workers have paid off and how they'll likely face similar situations in the future, Shoop said.

"We are sending people into environments no one was expected to go to," Shoop said. "Is there the potential for more alarms? Absolutely."

Hanford's has 177 underground tanks made of steel that contain more than 54 million gallons of radioactive and chemical wastes.

In late May, radioactive contamination was also found on robotic equipment surveying the space between the walls of a double-walled underground nuclear waste storage tank, indicating a possible leak. Some radioactivity was discovered on the clothing of the worker who removed the robot from the tank, although no skin contamination was found, Hanford officials said.

In addition, vapors for several years have escaped from underground storage tanks and made dozens of workers sick, most recently on Tuesday. In that event, eight reported smelling vapors and three underwent medical checks.

Rainbow Family to gather near Seneca

East Oregonian