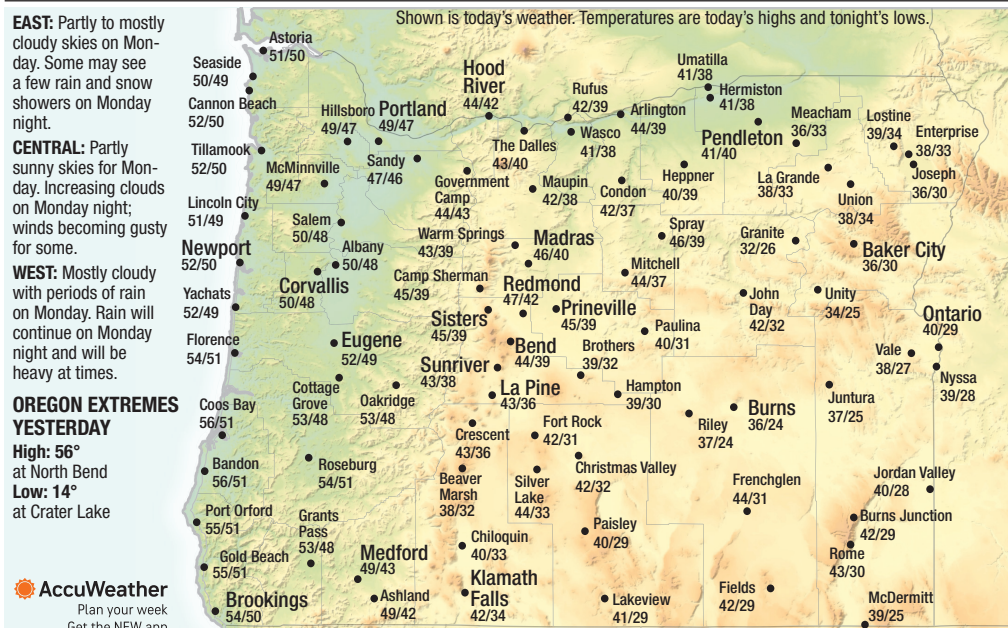


ALMANAC

Table with weather statistics: Bend Municipal Airport through 5 p.m. yesterday, TEMPERATURE (Yesterday, Normal, Record), PRECIPITATION (24 hours through 5 p.m. yesterday, Record, Month to date, etc.), SUN, MOON AND PLANETS (Rise/Set, Today, Tue.), and UV INDEX TODAY (10 a.m., Noon, 2 p.m., 4 p.m.).

OREGON WEATHER



TRAVEL WEATHER

NATIONAL and INTERNATIONAL travel weather tables. National table lists cities like Abilene, Akron, Albany, Albuquerque, Anchorage, Atlanta, etc. International table lists cities like Amsterdam, Athens, Auckland, Bangkok, Beijing, etc.

ROAD CONDITIONS table with columns for Road Name, Yesterday, Today, Tuesday, and a note about the UV Index.

ROAD CONDITIONS

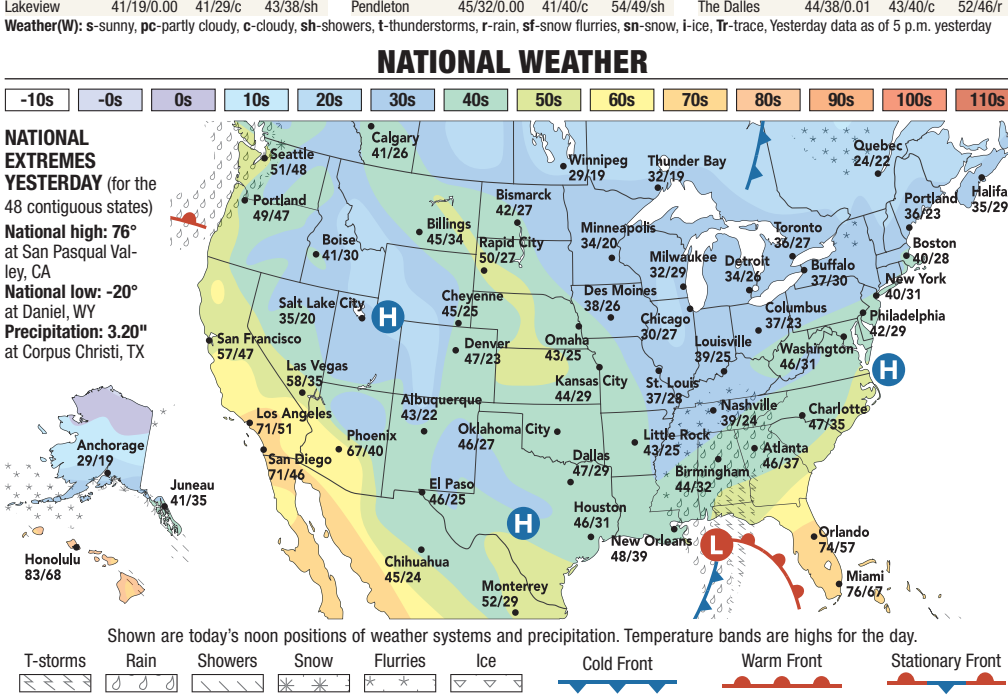
For web cameras of our passes, go to www.bendbulletin.com/webcams

SKI REPORT

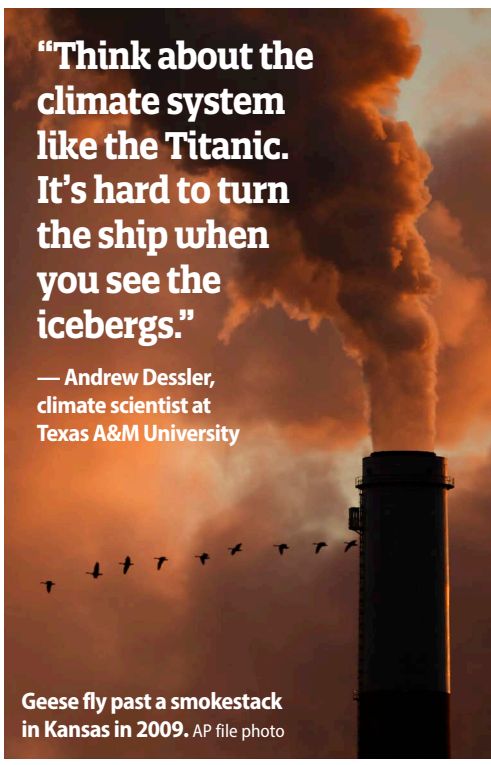
Ski report table with columns for Ski resort, New snow, and Base. Lists resorts like Anthony Lakes Mtn, Hoodoo Ski Area, Mt. Ashland, etc.

OREGON EXTREMES YESTERDAY table with columns for City, Yesterday, Today, Tuesday, and weather conditions.

NATIONAL WEATHER



Study: Baked-in warming will blow past climate goals



“Think about the climate system like the Titanic. It’s hard to turn the ship when you see the icebergs.” — Andrew Dessler, climate scientist at Texas A&M University

BY SETH BORENSTEIN AP Science Writer The amount of baked-in global warming, from carbon pollution already in the air, is enough to blow past international agreed upon goals to limit climate change, a new study finds. But it’s not game over because, while that amount of warming may be inevitable, it can be delayed for centuries if the world quickly stops emitting extra greenhouse gases from the burning of coal, oil and natural gas, the study’s authors say. For decades, scientists have talked about so-called “committed warming” or the increase in future temperature based on past carbon dioxide emissions that stay in the atmosphere for well over a century. It’s like the distance a speeding car travels after the brakes are applied. But the study in the journal Nature Climate Change, released last week, calculates that a bit differently and now figures the carbon pollution already put in the air will push global temperatures to about 2.3 degrees Celsius (4.1 Fahrenheit) of warming since pre-industrial times. Previous estimates, including those accepted by international science panels, were about a degree Celsius (1.8 degrees Fahrenheit) less than that amount of committed warming.

International climate agreements set goals of limiting warming to 2 degrees Celsius (3.6 Fahrenheit) since pre-industrial times, with the more ambitious goal of limiting it to 1.5 degrees Celsius (2.7 Fahrenheit) added in Paris in 2015. The world has already warmed about 1.1 degrees Celsius (2 Fahrenheit). “You’ve got some ... global warming inertia that’s going to cause the climate system to keep warming, and that’s essentially what we’re calculating,” said study co-author Andrew Dessler, a climate scientist at Texas A&M University. “Think about the climate system like the Titanic. It’s hard to turn the ship when you see the icebergs.” Dessler and colleagues at the Lawrence Livermore National Lab and Nanjing University in China calculated committed warming to take into account that the world has warmed at different rates in different places and that places that haven’t warmed as fast are destined to catch up. Places such as the Southern Ocean, surrounding Antarctica are a bit cooler, and that difference creates low-lying clouds that reflect more sun away from earth, keeping these places cooler. But this situation can’t keep going indefinitely because physics dictates that cooler locations will warm up more and when they do, the clouds will dwindle

and more heating will occur, Dessler said. Previous studies were based on the cooler spots staying that way, but Dessler and colleagues say that’s not likely. Outside experts said the work is based on compelling reasoning, but want more research to show that it’s true. Breakthrough Institute climate scientist Zeke Hausfather said the new work fits better with climate models than observational data. “Just because the world is bound to get more warming than international goals, that doesn’t mean all is lost in the fight against global warming,” said Dessler, who cautioned against what he called “climate doomers.” If the world gets to net zero carbon emissions soon, 2 degrees of global warming could be delayed enough so that it won’t happen for centuries, giving society time to adapt or even come up with technological fixes, he said. “If we don’t, we’re going to blow through (climate goals) in a few decades,” Dessler said. “It’s really the rate of warming that makes climate change so terrible. If we got a few degrees over 100,000 years, that would not be that big a deal. We can deal with that. But a few degrees over 100 years is really bad.”

Restrictions

Continued from A1 “Those kinds of people need to be known, publicly,” Heard said. “They are cowards. They are bullies. They have no right to anonymity.” The Roseburg News-Review reported Saturday that the group had revealed the identity of two Douglas County women, both senior citizens, who it said had filed complaints with state regulators about businesses that failed to comply with public health guidance. According to the newspaper’s account, when a reporter started asking questions, the women’s names were removed from the Citizens Against Tyranny’s website. Prior to removal, the website labeled the women as “filthy traitors,” the newspaper wrote, and the words were spattered with red, as if to indicate blood. The newspaper protected the women’s names out of concern for potential harassment. One of the named women told the paper she was shocked. “I’m not a filthy traitor, I’m a good American,” she said. She reportedly had called the state regarding workers not wearing masks at a Safeway in Reedsport. Heard did not respond to an email or phone call Saturday. Brown’s office

did not respond to a request for comment. The group’s goals In his speech at the church, Heard said people publicly identified by Citizens Against Tyranny had to be “heavily vetted” and said group members were not the “pitchfork and torches crowd.” But he said the group’s declaration, which he said was modeled on the Declaration of Independence “in scope and purpose,” is clear that anyone — be they a public employee or a private citizen — who attempts to deprive businesses of their rights to operate freely in violation of coronavirus restrictions “will be held fully accountable and will be made publicly known for their hostile actions.” Heard said he didn’t endorse violence or aggressive action toward those who filed complaints, but he also referred to them as rats and “extremists” who should “no longer be immune to the consequences of their actions.” He noted that people who are scared of COVID-19 can stay home and have groceries delivered or brought out to them if needed. “You never have to be exposed to us lepers,” he added.

“We have a duty to represent all the citizens in our elected area, and we have a duty to uphold the Constitution.” — State Rep. Gary Leif, R-Roseburg, who says he does not support the group Citizens Against Tyranny According to the declaration, people who file complaints against businesses should be banned from local businesses. “Banned persons will be refused service at all participating businesses until a public apology is issued and full monetary restitution offered, equal to any and all damages to or costs incurred by the person(s) or business(es) harmed by the above listed hostile actions!” the declaration reads. Little official local support Heard noted in his Friday speech that he doesn’t have the support of the Douglas County Commission. He also doesn’t have the support of John Hanlin, the county sheriff. Hanlin told the News-Review he doesn’t support outing public citizens. “I don’t feel that sharing the names of individuals who think or may believe that they are reporting ... violations of law or violations of the governor’s orders, I don’t believe it’s appropriate to shame them or publish their names for doing what they believe may be the right thing,” Hanlin told the paper. He added that it’s not appropriate to publish names of people who “report drunk drivers or who report a domestic disturbance.” Hanlin also told the paper he didn’t like the fact the Citizens Against Tyranny was demanding elected officials sign on, calling it “coercion.” Rep. Gary Leif, R-Roseburg, posted his disapproval to Facebook, saying he was “very distressed” by Heard’s “possible connection” to the group. Heard said Friday during the video that he helped the group’s volunteer board write the declaration. The Citizens Against Tyranny’s webpage includes a tab labeled “Press,” which includes only stories or videos about Heard and his decision to remove his mask during a special session of the Legislature at the Capitol in Salem. One of the links is to his wife’s Instagram page, which shows her vantage point for the December speech. Leif, the fellow Roseburg lawmaker,

said he supported Hanlin’s stance. “We have a duty to represent all the citizens in our elected area, and we have a duty to uphold the Constitution.” Leif said he has experienced “threats from members of these extreme groups.” Start reading that Constitution The Friday event appeared to show Heard and the Citizens Against Tyranny have considerable support in Douglas County. Heard started his comments by saying he typically shoots from the hip and says things he later regrets but pledged to be “structured” and “controlled.” The speech was tinged with calls for religious action but also a broader call, from Heard and Baertschiger, for collective grassroots political action. “Start reading that Constitution,” Heard said. “Start reading that Bible. And turn off Fox News, CNN, MSNBC, just turn them off,” he said at one point. At another point, he noted that the group may be too big for its space at the Garden Valley Church in Roseburg. “We may go ask the county commissioners if we can use the fairgrounds,” he said, a comment that drew laughter and cheers.