

Group of scientists warn of worsening global warming

By **SETH BORENSTEIN**
Associated Press

Earth is getting so hot that temperatures in about a decade will probably blow past a level of warming that world leaders have sought to prevent, according to a report released Monday that the United Nations called a “code red for humanity.”

“It’s just guaranteed that it’s going to get worse,” said report co-author Linda Mearns, a senior climate scientist at the U.S. National Center for Atmospheric Research. “Nowhere to run, nowhere to hide.”

But scientists also eased back a bit on the likelihood of the absolute worst climate catastrophes.

The authoritative Intergovernmental Panel on Climate Change report, which calls climate change clearly human-caused and “unequivocal” and “an established fact,” makes more precise and warmer forecasts for the 21st century than it did last time it was issued in 2013.

Each of five scenarios for the future, based on how much carbon emissions are cut, passes the more stringent of two thresholds set in the 2015 Paris climate agreement. World leaders agreed then to try to limit warming to 1.5 degrees Celsius above levels in the late 19th century because problems mount quickly after that. The world has already warmed nearly 1.1 degrees since then.

Under each scenario, the report said, the world will cross the 1.5-degree warming mark in the 2030s, earlier than some past predictions. Warming has ramped up in recent years, data shows.

“Our report shows that we need to be prepared for going into that level of warming in the coming decades. But we



The Staten Island Ferry departs from the Manhattan terminal through a haze of smoke with the Statue of Liberty barely visible in New York as smoke from Oregon’s Bootleg fire reached the East Coast in July.

Julie Jacobson/AP Photo

can avoid further levels of warming by acting on greenhouse gas emissions,” said report co-chair Valerie Masson-Delmotte, a climate scientist at France’s Laboratory of Climate and Environment Sciences at the University of Paris-Saclay.

In three scenarios, the world will also likely exceed 2 degrees over pre-industrial times — the less stringent Paris goal — with far worse heat waves, droughts and flood-inducing downpours unless there are deep emissions cuts, the report said.

“This report tells us that recent changes in the climate are widespread, rapid and intensifying, unprecedented in thousands of years,” said Ko Barrett, the climate change report panel’s vice chair and a senior climate adviser for the U.S. National Oceanic and Atmospheric Administration.

With crucial international climate negotiations coming up in Scotland in November, world leaders said the report is causing them to try harder to cut carbon pollution. U.S. Secretary of State Anthony Blinken called it “a stark reminder.”

The 3,000-plus-page report from 234 scientists said warming is already

accelerating sea level rise and worsening extremes such as heat waves, droughts, floods and storms. Tropical cyclones are getting stronger and wetter, while Arctic sea ice is dwindling in the summer and permafrost is thawing. All of these trends will get worse, the report said.

For example, the kind of heat wave that used to happen only once every 50 years now happens once a decade, and if the world warms another degree, it will happen twice every seven years, the report said.

As the planet warms, places will get hit more not just by extreme weather but by multiple climate disasters at once, the report said. That’s like what’s now happening in the Western U.S., where heat waves, drought and wildfires compound the damage, Mearns said. Extreme heat is also driving massive fires in Greece and Turkey.

Some harm from climate change — dwindling ice sheets, rising sea levels and changes in the oceans as they lose oxygen and become more acidic — is “irreversible for centuries to millennia,” the report said.

The world is “locked in” to 6 to 12 inches of sea level

rise by mid-century, said report co-author Bob Kopp of Rutgers University.

Scientists have issued this message for more than three decades, but the world hasn’t listened, said United Nations Environment Program Executive Director Inger Andersen.

For the first time, the report offers an interactive atlas for people to see what has happened and may happen to where they live.

Nearly all of the warming that has happened on Earth can be blamed on emissions of heat-trapping gases such as carbon dioxide and methane. At most, natural forces or simple randomness can explain one- or two-tenths of a degree of warming, the report said.

The report described five different future scenarios based on how much the world reduces carbon emissions. They are: a future with incredibly large and quick pollution cuts; another with intense pollution cuts but not quite as massive; a scenario with moderate emission cuts; a fourth scenario where current plans to make small pollution reductions continue; and a fifth possible future involving continued increases in carbon pollution.

SPORTS

Three coaches of the year for Clatsop County baseball

The Astorian



Gary Henley/The Astorian

For the first time since 2014 (not counting the canceled 2020 season), no baseball team from Clatsop County played for a state championship in the shortened spring season.

Still, for the locals, the season featured three league Coaches of the Year, two league champions and one Player of the Year.

Warrenton and Knappa came the closest, both advancing to the final eight of the unofficial state tournaments for 3A and 2A.

At the 4A level, Seaside’s Brett Wolfe — in his first year with the Gulls — was named as one of the Coach of the Year recipients in the Cowapa League, along with Joe Baumgartner of league champion Banks.

The Braves had all nine starters earn all-league honors, including Player of the

In his first year as Seaside baseball coach, Brett Wolfe was one of two Coaches of the Year in the Cowapa League.

Year Charlie White and Pitcher of the Year Riley Harbaugh. Seaside had six players on the all-league team.

In the 3A Coastal Range League, Warrenton’s Lennie Wolfe was selected as Coach of the Year for the 12th time, while all nine Warrior starters — seven of whom return next season — earned all-league honors.

Knappa’s Jeff Miller was Coach of the Year in the 2A Northwest League, with Logger junior Drew Miller the Player of the Year.

COWAPA ALL-LEAGUE

Player of the Year: Charlie White, Banks

Pitcher of the Year: Riley Harbaugh, Banks

Coaches of the Year: Joe Baumgartner, Banks; **Brett Wolfe, Seaside**

First Team

P: Riley Harbaugh, Sr., Banks

P: Tanner Kraushaar, So., Seaside

P: Gunnar Olson, So., Astoria

C: Colton Harmon, Sr., Tillamook

C: Riley Kuhl, Sr., Seaside

C: Charlie White, Jr., Banks

Inf: Cole Belden, Jr., Banks

Inf: Wyatt Hesselman, Fr., Banks

Inf: Cam Louie, Sr., Banks

Inf: Justin Morris, Sr., Seaside

Inf: Trask Petersen, So., Tillamook

Inf: Conner Stone, Sr., Banks

Inf: Lawson Talamantez, Jr., Seaside

OF: Will French, Sr., Valley Catholic

OF: Colten Hesselman, Jr., Banks

OF: Isaac Hornbeak, Sr., Tillamook

OF: Tony Tumbarello, Sr., Astoria

OF: Jarred White, Jr., Seaside

Honorable Mention

P: Niko Boudreau, So., Astoria

C: Alex Wesselman, Sr., Valley Catholic

Inf: Karson Hawkins, So., Astoria

OF: Logan Kind, So., Banks

OF: Elliott King, Sr., Banks

OF: Parker McKibbin, So., Tillamook

OF: Andrew Teubner, Sr., Seaside

Coastal Range All-League

Player of the Year: Brayden Marcum, Rainier

Coach of the Year: Lennie Wolfe, Warrenton

Sportsmanship: Clatskanie

First Team

Brayden Marcum, Sr., Rainier

Dylon Atwood, So., Warrenton

Jake Breeden, Sr., Rainier

Ethan Caldwell, Jr., Warrenton

Josh Earls, Jr., Warrenton

Duane Falls, Sr., Warrenton

Korbin Howell, Sr., Rainier

Tophier McDonnell, Fr., Clatskanie

Francisco Ramos, Sr., Taft

Darius Smith, Sr., Taft

Austin Stout, So., Rainier

Kenney Tripp, Jr., Rainier

Second Team

Hordie Bodden Bodden, Jr., Warrenton

Dominik Briant, Sr., Willamina

Logan Chapman, Jr., Rainier

Baron Delameter, So., Taft

Nic George, Sr., Rainier

Kaden Hindman, Jr., Taft

Dawson Little, So., Warrenton

Bobby McEwen, Sr., Willamina

Kyle Souther, Sr., Rainier

Nathan Streibeck, Jr., Warrenton

Mikey Ulness, So., Warrenton

Jordyn Ward, Sr., Clatskanie

Honorable Mention

Ayden Boursaw, Fr., Clatskanie

Josh Ellis, So., Rainier

Corey Greenlaw, Jr., Willamina

Ryan Hoagland, Sr., Warrenton

Gavin Kocaja, So., Taft

Isiah Top, Sr., Clatskanie

Drue Tuck, Sr., Willamina

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