

Health Impacts of Hurricanes in the Atlantic Basin

32nd Annual Conference of the International Society for Environmental Epidemiology

Co-chairs:

Gregory Wellenius, Boston University, US

Brooke Anderson, Colorado State University, US

Speakers:

Robbie Parks, Columbia University, US

Arbor Quist, University of North Carolina, US

Balaji Ramesh, Virginia Tech, US

Darren Sun, Boston University, US

Deborah Watkins, University of Michigan, US

Colorado State University 2020 Atlantic seasonal forecast

ATLANTIC SEASONAL HURRICANE ACTIVITY

Forecast for 2020 Hurricane Activity (as of August 5, 2020)

Forecast Parameters	CSU Forecast for 2020*	Average for 1981-2010
Named Storms	24	12.1
Named Storm Days	100	59.4
Hurricanes	12	6.4
Hurricane Days	45	24.2
Major Hurricanes	5	2.7
Major Hurricane Days	11	6.2
Accumulated Cyclone Energy+	200	106

*Total forecast includes Arthur, Bertha, Cristobal, Dolly, Edouard, Fay, Gonzalo, Hanna and Isaias which have formed in the Atlantic as of August 4th.

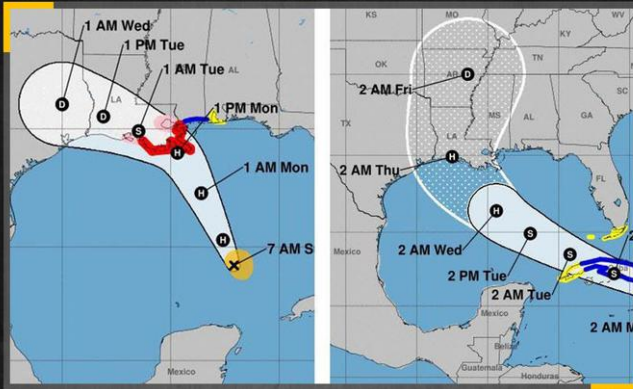
+A measure of a named storm's potential for wind and storm surge destruction defined as the sum of the square of a named storm's maximum wind speed (in 10^4 knots²) for each 6-hour period of its existence.

2020 storm names



Source: 12 News Now

Marco and Laura



Source: The Texas Tribune

“Assessing Exposure to Tropical Cyclones for Epidemiological Research:
Existing Resources and Future Needs”

Wednesday, 17:00–18:00, Parallel Track 2

Survey: Tell us about your approaches and challenges in assessing
exposure to tropical cyclones: <https://forms.gle/bCRnDnMTKKyufj9M8>

Email brooke.anderson@colostate.edu for more information

Health Impacts of Hurricanes in the Atlantic Basin

Coastal Storms, Hurricanes and Multiple Hospitalization Outcomes in the United States

Robbie Parks, US

Hurricane Flooding and Gastrointestinal Illness in North Carolina

Arbor Quist, US

Evidence of Association between Flooding During and Following Hurricane Harvey and Reported Illness

Balaji Ramesh, US

Tropical Cyclone and Risk of Preterm Birth: A Retrospective Analysis of 20 Million Births across 378 US Counties

Shengzhi Sun, US

Impact of Hurricane Maria on Prenatal Environmental Exposures and Mental Health in Puerto Rico

Deborah Watkins, US