

August Facts

August is named after the very first Roman emperor (and grandnephew of Julius Caesar) Augustus Caesar (63BC - AD14).

Stone = Peridot Flower = Gladiolus

By Robert C. Jones Jr.

Just how does The Saharan Air Layer (SAL) influence hurricane development?

“It’s a trifecta of atmospheric processes,” said Jason Dunion, a meteorologist with the University of Miami Cooperative Institute for Marine and Atmospheric Studies and the Hurricane Research Division of the National Oceanic and Atmospheric Administration.

First, the Saharan Air Layer’s dry, dusty air has about 50 percent less moisture than the typical tropical atmosphere, according to Dunion. “It’s super dry air,” he said, noting that the outbreaks occupy a two- to two-and-a-half-mile thick layer of the atmosphere, with the base starting approximately a mile above the surface. “Any clouds that run into that kind of dry air tend to collapse. So, the outbreaks make it very difficult for thunderstorms that could eventually become hurricanes to develop.”

The second factor in that trifecta is the presence of powerful winds in the Saharan Air Layer that can significantly increase vertical wind shear in and around storms. “Thunderstorms are like skateboarders. They don’t want to be tipped over. They want to remain vertically aligned,” Dunion said. “So, when you get that mid-level jet of strong winds, which is typically found in the Saharan Air Layer anywhere from 6,500 to 14,500 feet, it starts to misalign the thunderstorm, causing the tropical cyclone vortex to tilt.”

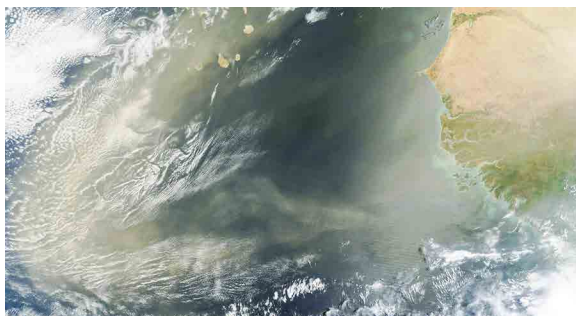
Warm temperatures complete the trifecta. “The Saharan Air Layer is very warm, and all the dust in the layer absorbs solar energy,” Dunion said. “It’s that process that keeps the layer warm, and anytime you have warm air hiding in the upper atmosphere, it’s almost like a lid that makes it hard for clouds to break through.”

Dunion has studied this trifecta extensively, flying on and leading some of the first Hurricane Hunter flights that collected data on how tropical cyclones interact with Saharan dust. “Those missions have allowed us to get a much better sense of how these outbreaks affect the entire Atlantic,” he said.

During the peak period, SAL outbreaks emerge from the coast of Africa every three to five days, reaching as far west as Florida, Central America, and even Texas, and covering vast areas of the Atlantic. “Sometimes, larger than the Lower 48 states,” Dunion said.

But before storm-weary residents in Florida and other coastal cities in the U.S. get a false sense of security, the Saharan Air Layer’s impact on hurricane activity comes with a caveat. While the dust outbreaks ramp-up in mid-June and peak from late June to mid-August, they begin to rapidly wane after mid-August.

“Once we get into August, those dust outbreaks start to become smaller, and they don’t reach as far to the west,” Dunion said. “And that is probably one of the ingredients that then allows hurricanes to develop. It’s that switch point in the season that we must keep an eye on.”



by Ali Sultan

National Traffic Awareness Month in August draws attention to the critical importance of road safety for everyone. This month encourages drivers, pedestrians, and cyclists to practice vigilance and adhere to traffic laws. Commit to safer habits, support awareness campaigns, and educate others on responsible road use.

National Safety Council

Founded in 1913, the National Safety Council is a nonprofit organization dedicated to eliminating preventable deaths at work, in homes and communities, and on the road through leadership, research, education, and advocacy. They are a primary advocate for traffic safety.

AAA

Founded in 1902, the American Automobile Association (AAA) is a federation of motor clubs throughout North America. Beyond roadside assistance, AAA is a strong advocate for traffic safety, offering driver education, pedestrian safety programs, and public awareness campaigns.

NHTSA

The National Highway Traffic Safety Administration (NHTSA) is an agency of the U.S. federal government, part of the Department of Transportation. Established in 1970, its mission is to save lives, prevent injuries, and reduce economic costs due to road traffic crashes through education, research, and safety standards.

State Farm

Founded in 1922, State Farm is a large group of insurance companies based in the United States. They are a prominent insurer and actively promote safe driving through various initiatives, including sponsoring educational programs and advocating for safer roads.

Uber

Founded in 2009, Uber is a technology company known for its ride-sharing services. As a major player in transportation, Uber actively promotes road safety for both drivers and passengers, implementing safety features and advocating for responsible driving practices.

Mothers Against Drunk Driving (MADD)

Founded in 1980 by Candy Lightner, MADD is one of the largest victim services organizations in the U.S. It works to stop drunk driving, support victims of this violent crime, and prevent underage drinking, playing a crucial role in traffic safety.

Ford Motor Company

Founded by Henry Ford in 1903, Ford is one of the world’s largest automakers. Beyond manufacturing vehicles, Ford invests in advanced safety features and technologies, and participates in initiatives aimed at improving overall road safety and driver awareness.



SUNDAY		MONDAY		TUESDAY		WEDNESDAY		THURSDAY		FRIDAY		SATURDAY	
3:00-5:00 Ladies Only Pickleball/Courts 		7:30-9:30 Social Tennis 12:00-3:00 Mahjong/Card Rm 5:00 Mixed Bridge M&W/Card Rm 6:30 Texas Hold'em/AR		7:30-9:30 Social Tennis 8:00-9:30 Pickleball Lessons/Cts (by Appt Only) 12:45-4:00 Mahjong/Card Rm 2:30-6:30 Ladder Tournament/Cts 6:15 Hand and Foot/Card Rm 6:30 Trivia/AR 7:00 Shuffleboard/Cts		7:30-9:30 Social Tennis 8:30 Ladies Golf 8:30 Nifty Niners/GC 9:00-5:00 Bocce/CT 12:30-4:00 Ladies Bridge/Card Rm For Beginner One Stroke Lessons, please contact Mo Keary @ 239-826-3673		7:30-9:30 Social Tennis 9:00-12:00 Mixed Bridge/Card Rm 8:30 Men's Golf		7:30-9:30 Social Tennis 12:00-4:30 Pinochle/Card Rm		Reception Hours: 9:30am til 3:00pm Monday - Friday Changes made up till the 25th of each month.	
★ CRAFT AND LAUNDRY ROOM CLOSED UNTIL FURTHER NOTICE. ★												9:00am-9:30pm Private 1	
August 2026								P.L. CLUBHOUSE ROOM ABBREVIATION CODE BR - Ballroom GC - Golf Course BDS - Billiards P - Patio CR - Crafts Room LF - Lake Fairways FS - Fitness Studio LR - Living Room K - Kitchen LL - Library/Loft AR - Activity Room DR - Driving Range Card Room F - Foyer M & W - Men & Women		PLEASE NOTE: When making reservations for the use of the clubhouse or any of its rooms more than six months in advance, please submit your request in writing to eliminate misunderstandings. Also, when reserving a room please be sure to clean up after each use. a.m. regular • p.m. bold		1	
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