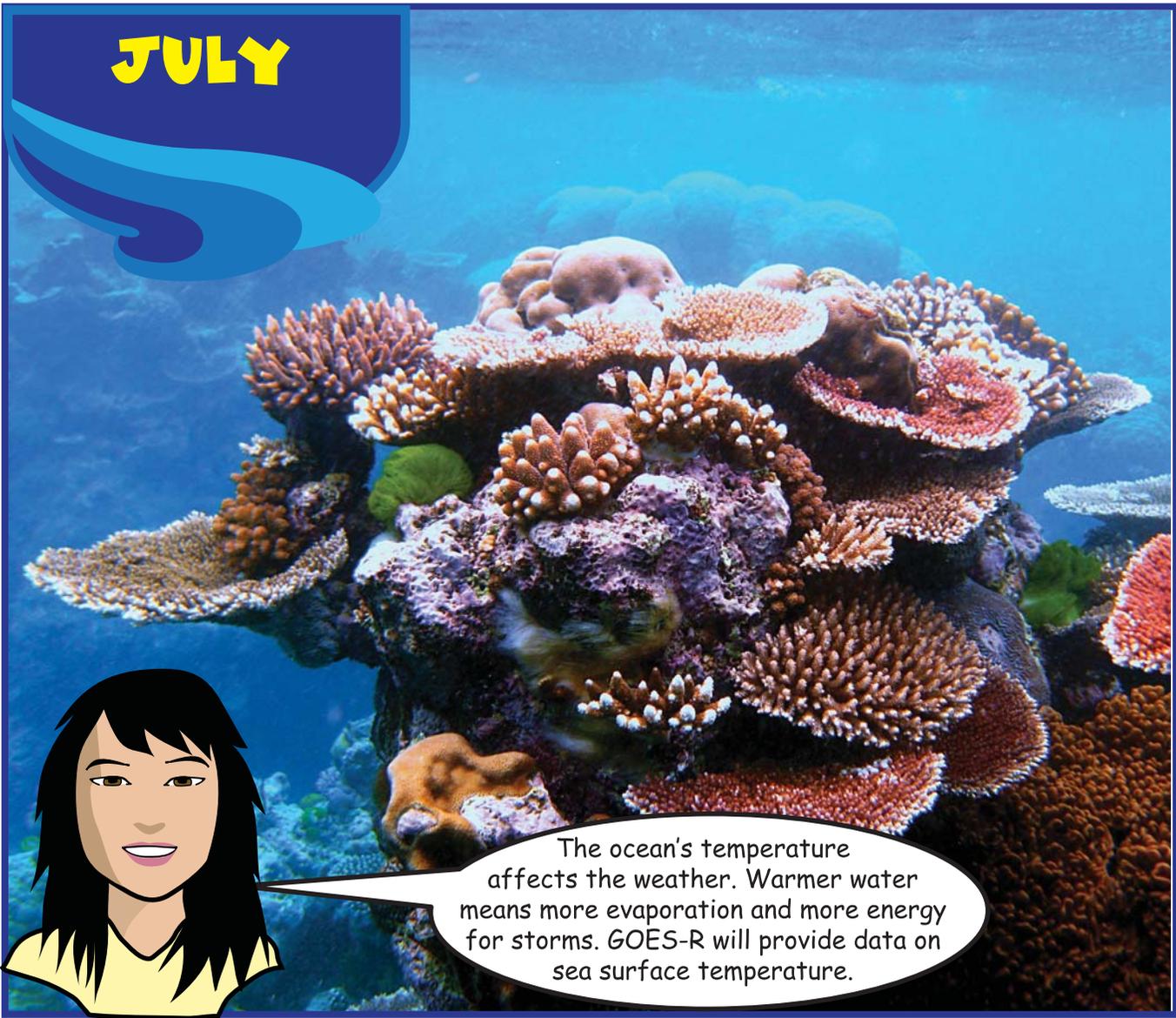


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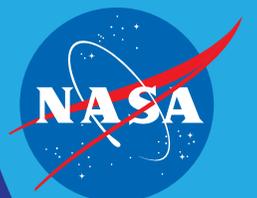


The ocean's temperature affects the weather. Warmer water means more evaporation and more energy for storms. GOES-R will provide data on sea surface temperature.

From Wikimedia Commons. Photo by Toby Hudson

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
1	2 1843: An alligator falls from the sky onto Anson Street during a thunderstorm in Charleston, SC.	3	4 Independence Day	5 Aphelion, when Earth's orbit takes it farthest from the Sun	6	7
8 1788: Hail falls at Canterbury, CT, to a depth of 34 inches, causing serious flooding when it melts.	9	10 1913: Hottest temperature ever recorded in the U.S., 134°F, occurs in Death Valley, CA.	11	12	13	14
15	16	17	18 1993: The all-time record high for Barrow, AK, is 79°F, but the average July high temperature is only 45°F.	19	20	21 1983: Coldest temperature ever recorded on Earth, -129°F in Vostok, Antarctica.
22	23 2010: In Vivian, SD, new record for largest hailstone: 1.94 pounds, 18.62 in. circumference.	24	25	26 1943: Tishomingo, OK, bakes in the heat as the mercury soars to 121 degrees, a state record.	27 1943: Col. Joseph B. Duckworth becomes the first pilot to deliberately fly into a hurricane.	28
29	30 1988: Due to drought, Iowa loses 38% of its corn crop, 31% of soybeans, and 41% of oats.	31	<p>Almost 9,000 daily heat records were broken or tied in the U.S. in July 2011, including 2,755 highest maximum temperatures and 6,171 highest minimum temperatures (nighttime records).</p>			

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