

Emergency Prep. Committee: Be prepared to get TOGETHER AGAIN

Meadow's Weather/Hurricane Season Analysis: June-July 2021 Report

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Rainfall & Temperature Data:

June

Rainfall: 9.33 inches (YTD: 18.51 in.)
23 yr. June rainfall average: 8.81 in.
Average high temperature: 92.3 F
Above normal high-temperature days: 27
Record high-temperature days: 3

July

Rainfall: 6.98 inches (YTD: 25.49 in.)
23 yr. July rainfall average: 8.52 in.
Average high temperature: 93.2 F
Above normal high-temp. days: 25
Record high-temp. days: 5

Weather Analysis: The Meadow's June-July weather was a near mirror-image to what we experienced in April and May. Most day-time temperatures were above normal in both June and July while rainfall again was a mixed-bag – above average in June and below average in July.

The above-normal temperatures we have experienced for the past year and a half continued through June and July. Both months were downright hot and 'muggy'! Maximum day-time temperatures for the two months exceeded normal on 52 days (out of 61 total), and the average monthly temperature exceeded normal by 5 F in June and 3 F in July. Also, there were eight record high-temperature days for the two-month period.

June 'kick-starts' the four-month rainy season here in Southwest Florida. It did not let us down as it exceeded the monthly average, but not by much (6%). Following in the footsteps of May, July rainfall was below normal. It's worth noting that July's rainfall varied greatly across Sarasota County, as the Sarasota-Bradenton Airport recorded approximately 50 % more rain than that measured at the Meadow's Community Center (MCC) weather station. Also, it was surprising to see another weather station in the Meadows – just a short distance northeast of the Community Center -- exceed the MCC total by 20%! It appears that this variability results from a 'shift' in a historical summertime weather/climate pattern first reported a year ago. In this shift much of our summertime east-to-west thunderstorm activity transitioned to a west-to east on-shore direction.

Monthly rain and high-temperature data are presented in the two graphs.

Hurricane Season Analysis: As of August 1st, one-third of the 2021 tropical cyclone season became history. This season's activity picked up where 2020 finished – at a record-setting pace! So far, we have seen five named (tropical) storms form. During the first week in July the fifth storm, Elsa, moved northward in the Gulf of Mexico, paralleling Florida's west coast, then became the season's first hurricane at a location just adjacent to Tampa before crossing Florida north of Tampa.

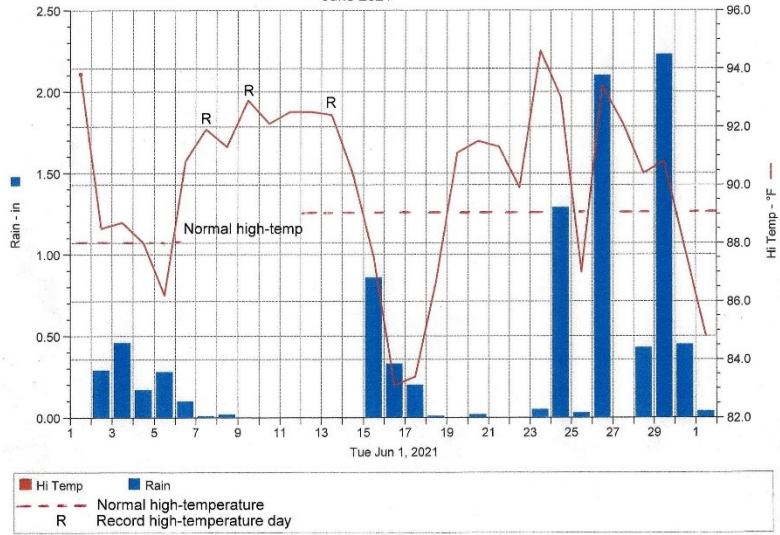
In response to observations that equatorial sea temperatures in the eastern Pacific Ocean are starting to fall, the National Weather Service issued a 'La Nina Watch' for September and October. Unfortunately, this is not good news for Florida because historically, a La Nina event translates to increased tropical cyclone activity in the Atlantic basin. And history confirms that Atlantic basin-formed hurricanes make landfall in Florida 40% of the time.

Elsa gave the Meadows Emergency Preparation Committee an opportunity for a dry run. With 'feverish' temperatures presiding in our atmosphere and the Gulf of Mexico, be prepared to get **together again** in the coming months. The next event may be the real 'McCoy'.

Send comments and questions about this month's report to: roywys8@msn.com.

Meadows Rainfall and High-Temperatures

June 2021



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