

A Time to Give Thanks

Weather/Climate Analysis: November 2020 Report
Roy Wysnewski

Rainfall & Temperature Data:

Meadows	Airport
Rainfall – 8.53 inches (YTD: 63.90 in.) 22 yr. rainfall avg. – 1.57in.	Rainfall – 7.62 inches (YTD: 54.80 in.) Historical rainfall avg. – 1.93 in.
Average high-temp. 82.2 F Above normal high-temp. Days: 20 Record high-temp. Days: 9	Average high-temp. 82.0 F Above normal high-temp. Days: 22 Record high-temp. Days: 1

Analysis: Century-old National Weather Service records clearly show November to be our driest month. But not this year! In fact, rainfall in the Meadows, and at the Airport, was the most recorded in the past twenty-two years. And, most (82%) of that rainfall fell on Nov.11th breaking the all-time single-day record for November.

November typically is a 'transition' month weather-wise. Daytime high temperatures, which average about 90 F during summer months, fall to an average of 78 F in November, then bottom out at 72 F in January. However, this was not a typical November because temperatures averaged slightly above 82 F, four degrees above average. In addition, there were 20 above-average days bringing the total for the year to 272, 80% above average. The only question now is: will these year-long record high temperatures continue into January?

Monthly rainfall and high-temperature data are presented in the graph below.

Climate Analysis: We have completed eleven months of the 2020 tracking climate change 'puzzle' (335 data pieces). With nine record high-temperatures recorded this month in the Meadows, our climate transition continues at an accelerated pace. The November YTD Tracking Climate Change graph is presented below.

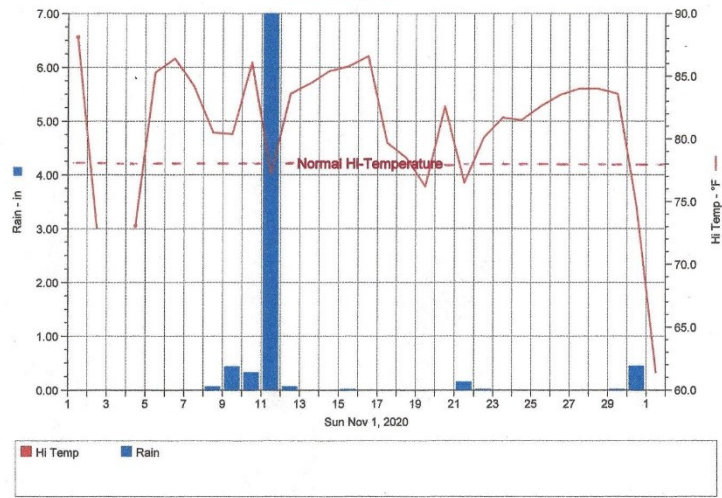
Today is December 1st, the conclusion to the most active Atlantic hurricane season on record. There were an unmatched 12 named storms, including a

record-tying six hurricanes making landfall in the United States, leaving few areas on the Gulf and East coasts untouched. Parts of the Gulf Coast were hit repeatedly, the state of Louisiana seeing a record five storms make landfall alone.

Residents of southwest Florida can give thanks to the pure luck of unexpected changes in the upper atmospheric steering currents that repeatedly guided the wrath of the 2020 hurricane season away from Florida. One exception was Tropical Storm Eta – a storm first mentioned in the last Meadowood weather/climate column. On its northward trek in the Gulf of Mexico, Eta ‘grazed’ Sarasota depositing a record (one-day) 7-inch rainfall on November 11th before entering Florida north of Tampa.

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

Meadows Rainfall and High-Temperatures
November 2020



Tracking Climate Change in Sarasota, Florida

