

Southwest Florida has a 50/50 chance of a hurricane strike before December 1st!

Weather/Climate Analysis: September 2020 Report
Roy Wysnewski

Rainfall & Temperature Data:

Meadows	Airport
Rainfall – 9.65 inches (YTD: 52.00 in.) 22 yr. rainfall avg. – 6.59 in.	Rainfall – 7.83 inches (YTD: 44.11 in.) Historical rainfall avg. – 7.10 in.
Average high-temp. 92.0 F Above normal high-temp. Days: 20 Record high-temp. Days: 7	Average high-temp. 90.0 F Above normal high-temp. Days: 20 Record high-temp. Days: 2

Weather Analysis: Meadow's rainfall during the 2020 rainy season (June 1st through Sept.30th) was 12% above average. Because of a very rainy September (46% above avg.), year-to-date rainfall going into October already exceeds the 51-inch yearly average expected by Dec.31.

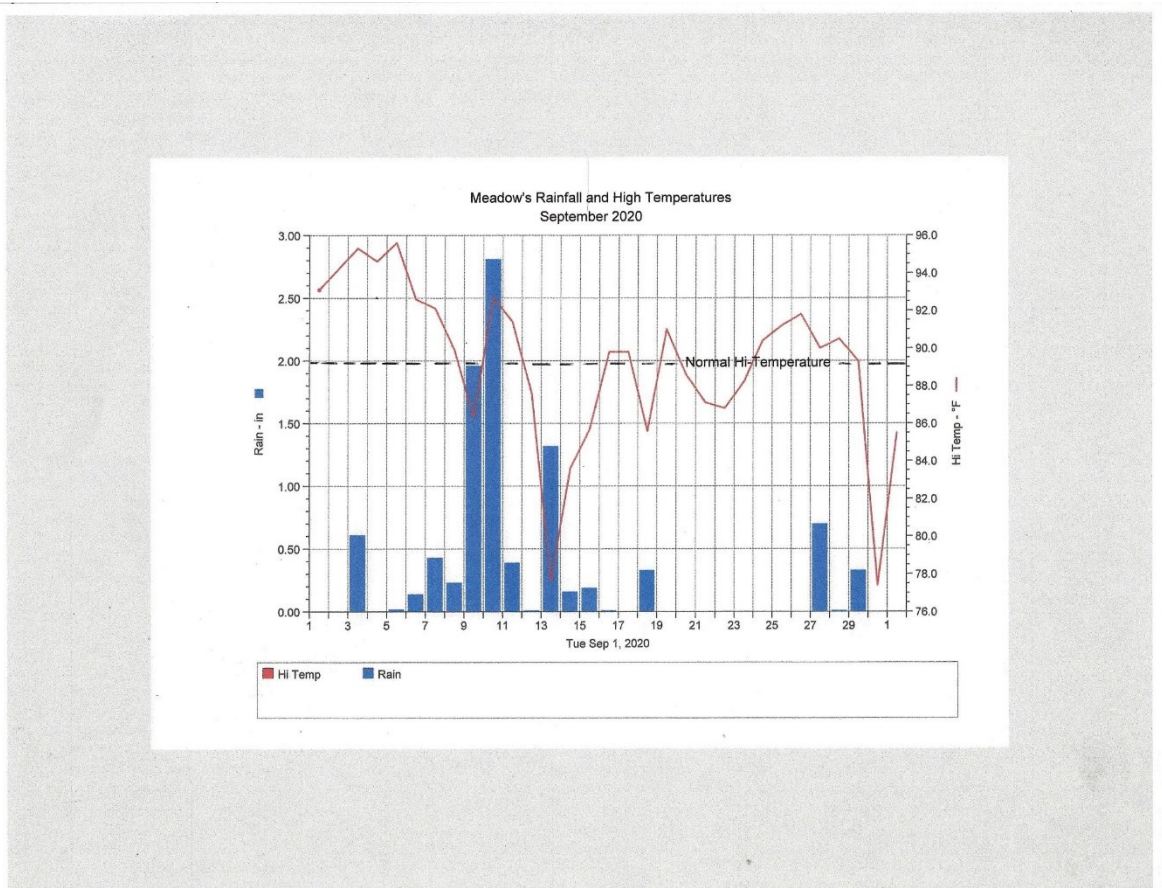
If you get the impression that the following discussion about temperature is repetitious, you would be right-on! You see, it's a fact that year-long record high-temperatures continued again for the ninth-consecutive month. Seven record high-temperature days were recorded in the Meadows. With 20 above average temperature-days and a monthly average temperature of 92 F (three degrees above normal), this year is on track to be the warmest on record in Southwest Florida! You might have felt the effects of rising temperatures in your summer outings, in your air conditioning bills, or you may have noticed recently that certain items do not seem to last as long as they used to, e.g., car batteries, outside air compressors, etc.

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

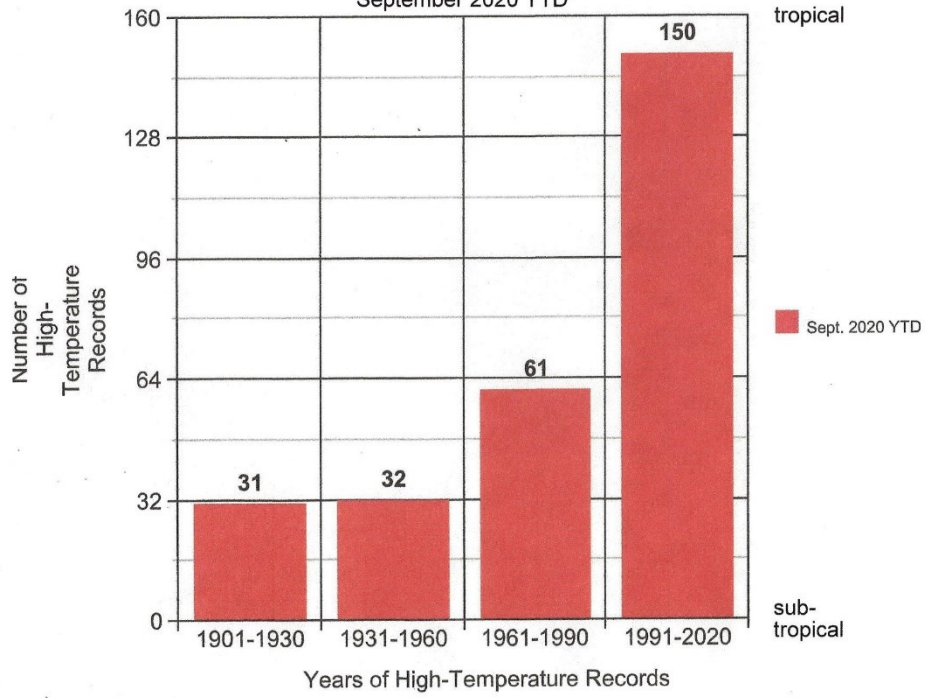
Climate Analysis: We have completed three-quarters of the 2020 tracking climate change 'puzzle' (274 data pieces), and Sarasota's climate transition from temperate/sub-tropical to tropical continues at an accelerated pace. The September YTD Tracking Climate Change graph below shows a 144% record-temperature increase since 1990.

Last month's warning to all Sarasota area residents to be extra vigilant in the next several months – because of the distinct possibility of more frequent severe tropical weather – is now reinforced. Recent predictive analytics conducted by WeatherTiger in Tallahassee indicate that Sarasota and surrounding areas within a 124-mile radius have a 50% above normal chance of a hurricane strike during October and November. This prediction is not surprising because, as the graph below shows, TC (tropical cyclone) activity typically increases significantly in Southwest Florida during the last two months of the hurricane season.

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



TRACKING CLIMATE CHANGE in Sarasota
September 2020 YTD



Dr. Ryan Truchelut - weathertiger.com

June 1st--Dec. 1st distribution of TC activity within 124 miles of Sarasota, Fl. 1900--2019

