

# Eglin Air Force Base and Duke Field Climate Summary

## December 2021

**Mr. David Biggar**  
**Staff Meteorologist, 96th Weather Squadron**

December of 2021 was quite typical for the northwest Florida area during a winter month when La Nina conditions are present. December of 2021 had well above normal temperatures with a daily mean temperature at Eglin AFB (KVPS) of 16.7 deg C (62.1 deg F). December of 2021 tied with 2015 for the second warmest December on record (dating back to 1939). The warmest December on record of 16.9 deg C (62.4 deg F) occurred in 1971. With a mean daily temperature of 62.1 deg F, December of 2021 was much warmer than December of 2020, just one year ago, which only had a mean daily temperature of 51.8 deg F. December of 2021 was also a relatively dry month for KVPS, with only 1.79" of rainfall, which is 2.91" below normal. (Normal December rainfall for KVPS is 4.7".) We had three days with thunder reported at KVPS, which is exactly normal for the month. The warmest daily maximum temperature during the month was 77 degrees F, which occurred four times on the 10<sup>th</sup>, the 26<sup>th</sup>, the 30<sup>th</sup> and the 31<sup>st</sup> of the month. The coolest daily minimum temperature during the month at KVPS was 36 deg F on the 23<sup>rd</sup>. Other than a brief cold snap from the 19<sup>th</sup> through the 24<sup>th</sup>, most of the month had average to well above average daily mean temperatures.

For Duke Field (KEGI), there was a mean daily temperature of 16.2 deg C (61.2 deg F). There was a total of 3.14" of rainfall during the month. More than half of this rainfall occurred on 10 December 2021 with 2.08" of rainfall. There was a heavy rain event in the early morning hours of 10 December which completely missed Eglin AFB (where only 0.02" of rainfall occurred on that day). There were two days with thunder reported during the month at Duke Field. The warmest daily maximum temperature during the month was 80 deg F on the 10<sup>th</sup> and 30<sup>th</sup> of the month. The coolest daily minimum temperature was 30 deg F on the 23<sup>rd</sup>. This day was the only day during the month with the temperature dropping below 32 deg F during the month at Duke Field.

Daily Records:

### **Eglin AFB**

Daily Record Maximum Temperatures:

10<sup>th</sup>: 77 deg F tied the previous record set in 2012 and in 1943.

30<sup>th</sup>: 77 deg F broke the previous record of 76 deg F set in 2015 and in 1971.

There were no daily minimum temperatures or daily rainfall records tied or set during the month of December 2021 at KVPS.

### **Duke Field**

Daily Record Maximum Temperatures:

10<sup>th</sup>: 80 deg F (broke previous record of 79 deg F set in 2007)  
11<sup>th</sup>: 78 deg F (broke previous record of 77 deg F set in 2015)  
29<sup>th</sup>: 77 deg F (broke previous record of 76 deg F set in 1971)  
30<sup>th</sup>: 80 deg F (broke previous record of 78 deg F set in 1971)  
31<sup>st</sup>: 79 deg F (broke previous record of 75 deg F set in 2020).