

Eglin Air Force Base and Duke Field Climate Summary

August 2021

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For Eglin AFB (KVPS), August of 2021 was a normal month for average daily temperatures, but well above normal for precipitation. The mean daily temperature for August for KVPS in 2021 was 81.8 deg F (27.6 deg C) which was 0.8 deg F above normal. August of 2021 ranked in a tie (with 2003) for 41st warmest August on record (which put it in the exact middle of all the 82 years on record). For precipitation, KVPS was well above normal, with a total of 11.43” of rainfall during the month, which was 4.53” above normal. This was the highest August monthly rainfall amount for KVPS since 2012, when there was a total of 16.22” of rainfall recorded during the month. There was a total of 5.29” of rainfall during the last three days of the month of August of 2021. This rainfall from 29 – 31 August was a direct result from our location on the eastern side of Hurricane Ida. The greatest rainfall occurring on one day during the month occurred on the 31st (the last day of Hurricane Ida’s direct effect on our area) when a total of 3.49” of rainfall occurred from outer rain bands of the storm. Earlier in the month, we had a very minimal impact from the western side of tropical storm Fred, with 0.06” of rainfall on the 16th of the month. During August, there were 23 days where thunderstorms were reported, which was 5 days above normal.

At Duke Field (KEGI), the mean daily temperature was 81.3 deg F (27.4 deg C). Duke Field had a total of 13.18” of rainfall during the month, and reported thunderstorm activity on 20 days during the month.

Daily Records:

Eglin AFB:

There were no new daily record maximum or minimum temperatures recorded during the month of August at KVPS.

Precipitation:

31: 3.49” broke the previous record of 2.47” set in 1950.

Duke Field (Duke Field has a much smaller period of record for the weather data, so daily record temperature or precipitation data is often not as extreme as the Eglin AFB data, which has an 82-year period of record):

There were no new daily record maximum or minimum temperatures recorded during the month of August at KVPS.

Precipitation:

25: 1.83" (previous record not available)