

Eglin Air Force Base and Duke Field Climate Summary May 2021

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For the second month in a row, the month of May had below normal temperatures, and above normal precipitation for the Eglin AFB area. At Eglin AFB (KVPS) the average mean daily temperature was 72.5 deg F (22.5 deg C) which was 2.5 deg F below normal. May of 2021 ranked as the 19th coolest month of May on record, dating back to 1940. (April was the 12th coolest April on record, so we have had two unusually cool months in a row at Eglin AFB.)

For rainfall, we had a total of 4.65", which is 1.15" above normal for the month of May. (May is the driest month of the year, on the average, for KVPS. It's just slightly drier than the month of October, on the average.) There were a total of 7 days with thunder reported at KVPS, which is exactly normal for the month.

For Duke Field, the mean daily temperature was 71.1 deg F (21.7 deg C).

Duke Field had a total of 8.85" of rainfall during the month, which was 4.2 inches more rainfall the amount of rainfall which occurred at KVPS during the month. The main reason KEGI had such a high rainfall total was due to a very significant rain event on 11 May, when KEGI had 4.55" of rainfall in one 24-hour period (compared to only 1.17" of rainfall on that day at KVPS). On 11 May 2021, thunderstorm activity occurred over KEGI for over two hours. During much of the period, the thunderstorms were producing very heavy rainfall. In the approximately 60-year climatological database for KEGI (1974 to present, 1954 – 1970, and some data from the years of 1949, and 1952), this 24-hour daily rainfall record was the 4th highest daily rainfall record amount in the month of May.

Daily Temperature and Rainfall Records:

KVPS:

There were no daily maximum or minimum temperature records tied or set in May of 2021 at KVPS.

Daily Rainfall Records: KVPS set two (non-impressive) daily rainfall records on two dates in May which had very "breakable" previous daily rainfall records.

5th: 1.19" broke the previous record of 0.79 set in 1953.

11th: 1.17 broke the previous record of 0.80 set in 1959 and 1952.

KEGI:

Temperatures:

No new daily maximum temperatures were tied or set during the month.

Two new daily minimum temperature records were set during the month of May as follows:

15th: 49 deg F (previous record not available)

31st: 54 deg F (previous record of 60 degrees F set in 1984).

Precipitation records:

5th: 1.07" (previous record not available)

11th: 4.55" (previous record not available)