

Eglin Air Force Base and Duke Field Climate Summary December 2023

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For the month of December 2023, we had above normal precipitation at KVPS, with a total of 6.35" of rainfall during the month (1.75" above normal). For the year, we had a total of 46.85" of rainfall for the month, which was the 13th driest year on record for KVPS, dating back to 1940. Our 46.85" rainfall total for 2023 at KVPS is our lowest annual rainfall total since 2008 when we had 45.07" of rainfall for the year. We had three thunderstorm days recorded at KVPS during the month, which is normal for December.

For temperatures, KVPS had a mean daily temperature of 12.8 deg C (55.0 deg F), which was 2.0 deg F below normal for the month. December 2023 was the third consecutive month we have had below normal temperatures at KVPS (but not significantly below normal). The month ranked as the 34th warmest December for KVPS (tied with 2018) and was basically ranked near the "middle of the pack" for the 85-year KVPS December climatology database, dating back to December of 1939. (Ironically, December of 2018 occurred during the last El Niño winter, although that El Niño was not as strong as this year's El Niño.)

Duke Field (KEGI) had a mean daily temperature of 11.8 deg C (53.2 deg F). At KEGI there was 5.73" of rainfall during the month, which was 0.60" less than the December precipitation at KVPS. There were two thunderstorm days reported at KEGI.

Daily Records:

There were no daily maximum or minimum temperature records tied or set for KVPS during November 2023. However, there was one new daily precipitation record set. For KEGI, there were no new maximum or minimum temperatures tied or set during the month, but there were two new daily record rainfall records.

Eglin AFB (KVPS):

Daily Precipitation Record:

2nd: 2.33" (previous 1.65" set in 2018).

Duke Field (KEGI):

Daily Precipitation Records:

2nd: 2.24" (previous record of 1.75" set in 1996).

25th: 1.26" (previous record of 0.40" set in 2012).

In summary, December of 2023 had below normal mean daily temperatures, but showed an increase in total precipitation for the month compared to previous months (at both KVPS and KEGI), which is expected during the winter months during strong El Niño events.