

Eglin Air Force Base and Duke Field Climate Summary November 2023

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We finally broke the drought conditions (somewhat) after the continued dry weather we continued to have in the local area through the first ten days of the month. However, we only had a total amount of precipitation at Eglin AFB (KVPS) of 3.43” during November 2023, which was 0.37” below normal for the month. So, November precipitation was close to average for the month, but not the well above average amounts we would normally expect in this area in November during a moderate to strong El Nino late fall/winter season. (However, the first three days of December are going to give us a quick start to the December precipitation amounts with three to four inches of rainfall forecast for the first three days of the month.) We had no thunderstorms at KVPS during the month (compared to the normal November amount of two thunderstorm days).

For temperatures, KVPS had a mean daily temperature of 15.8 deg C (60.4 deg F), which was 1.6 deg F below normal for the month. November 2023 was the second consecutive month we have had below normal temperatures at KVPS (but not significantly below normal). The month ranked as the 32nd warmest November for KVPS (tied with 1999) and was basically ranked near the “middle of the pack” for the 85-year KVPS climatology database, which dates back to November of 1939.

Duke Field (KEGI) had a mean daily temperature of 14.7 deg C (58.4 deg F). At KEGI there was only 2.30” of rainfall during the month, which was a little over an inch less than the November rainfall recorded for KVPS. There were also no thunderstorms reported at KEGI.

Daily Records:

There were no daily temperature or precipitation records tied or set for KVPS during November 2023. For KEGI, there was one new daily maximum temperature record tied during the month and three new daily minimum temperature records set during the month. There was also one new daily maximum precipitation record set during the month for KEGI. Note: the historical climatology database for KEGI is a much shorter time period than

the 85 years of data we have for KVPS, so daily max, min, and precip records occur much more frequently at KEGI, as compared to KVPS.

Duke Field (KEGI):

Daily Maximum Temperature Records:

9th: 82 deg F (tied previous record set in 2005)

Daily Minimum Temperature Records:

1st: 30 deg F (previous record of 34 deg F set in 2011)

2nd: 26 deg F (previous record of 32 deg F set in 2014...broke previous record by 6 deg F)

30th: 27 deg F (previous record of 28 deg F, set in 2013 and 2011)

Daily Precipitation Records:

14th: 0.58" broke previous record of 0.41" set in 2018.