

Eglin Air Force Base and Duke Field Climate Summary May 2023

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For Eglin AFB (KVPS), May turned out to be a below normal month for both daily mean temperatures and for precipitation. The first eight days of the month had below normal temperatures. Then a warm spell brought consistently above normal temperatures for about two weeks. The month closed out with mostly below normal temperatures through the remainder of the month of May. At Eglin AFB, we had a daily mean temperature of 73.9 deg F (23.3 deg C) which was 1.1 deg F below the recent (2011 - 2020) ten-year mean temperature of 75 deg F. May of 2023 ranked in the middle of the 84 years of climatology data for KVPS and was the 42nd warmest May on record (tied with 1985 and 2006) since the KVPS records began in 1940. For precipitation during May 2023, KVPS had a total of only 2.24", which was 1.26" below normal. Despite the overall dry weather for KVPS, there were a total of nine days with thunderstorms reported during the month compared to the normal of seven days.

For Duke Field (KEGI), we had a daily mean temperature of 73.2 deg F (22.9 deg C). There was more rainfall during the month at KEGI (4.18") compared to the 2.24" of rainfall during the month at KVPS. However, there were also more thunderstorm days reported at KVPS (nine days) compared to KEGI, which only had six thunderstorm days reported.

Daily Records:

KVPS didn't have any new daily maximum temperature or minimum records, or daily precipitation records tied or set during the month.

Duke Field, with its much smaller historical database compared to Eglin AFB generally ties or sets many more daily temperature and precipitation records than Eglin AFB. During May of 2023, KEGI had several new daily records tied or set for both daily maximum and minimum temperatures, but there were no new daily precipitation records tied or set.

Daily Temperature Records for Duke Field:

Maximum Temperature Records:

10th: 90 deg F (tied the previous record from 2002)

15th: 95 deg F (previous record 93 deg F in 1998)

Minimum Temperature Records:

26th: 54 deg F (tied the previous record from 2017)

27th: 56 deg F (previous record of 59 deg F, set in 2017)

28th: 50 deg F (previous record 59 set in 2022)