

## Eglin Air Force Base and Duke Field Climate Summary March 2024

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March of 2024 was a very mild month, with a mean daily temperature of 63.4 deg F (17.5 deg C) which was 1.4 deg F above the ten-year 2013 – 2022 climatological mean temperature of 62 deg F for March. In the historical data back to 1940, March of 2024 ranked in a tie for the 10<sup>th</sup> warmest March on record (with 1955, 2016, and 2023). The warmest temperature during the month was 81.0 deg F (27.2 deg C) on 27<sup>th</sup>, and the coldest temperature during the month was 36.3 deg F (2.4 deg C) on the 19<sup>th</sup>. For precipitation, KVPS had a total of 4.82” of rainfall during the month, which was 0.68” below the long-term March average of 5.5” of rainfall. When looking at the total “cool season” precipitation for KVPS for the period from November of 2023 through March of 2024, the late fall/winter of 2023/2024 had a total of 23.05” of rainfall, which was the most “cool season” rainfall since the late fall/winter of 2018/2019, when there was a total of 24.02” of rainfall during the period. The 2018/2019 winter was the last El Niño winter prior to the current winter of 2023/2024. There were six thunderstorm days during the month for KVPS (which is three days above normal).

For KEGI, the mean daily temperature was 62.6 deg F (17.0 deg C). The warmest temperature during the month at KEGI was 82.0 deg F (27.8 deg C) on the 31<sup>st</sup>, and the coldest temperature during the month was 31.46 deg F (-0.3 deg C) on the 19<sup>th</sup>. For precipitation, KEGI had a total of 5.52” of rainfall during the month. There were only six days with thunderstorms reported at KEGI in March 2024.

### Daily records:

There was one daily maximum temperature record tied for KVPS during the month of March 2024. There were no daily minimum temperature records or daily precipitation records tied or set during the month for KVPS. There was one daily maximum temperature record tied for KEGI, and one new daily minimum temperature set for KEGI during March 2024. There were no daily precipitation records tied or set for KEGI during the month.

KVPS:

Maximum Temperature Record:

6 March: 80 deg F tied the daily maximum temperature record set in 1945.

KEGI:

Maximum Temperature Record:

3 March: 80 deg F tied the record set in 2022.

Minimum Temperature Record:

19 March: 31 deg F broke the minimum temperature record of 37 deg F set just last year in 2023.