

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

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April of 2024 was a very normal month for us for temperatures, with a mean daily temperature of 68.1 deg F (20.1 deg C) which was 0.1 deg F above the ten-year 2013 – 2022 climatological mean temperature of 68 deg F for April. So, it was basically a normal month for mean daily temperatures. In the historical data dating back to 1940, April of 2024 ranked as the 25<sup>th</sup> warmest April on record. The warmest temperature during the month was 84.0 deg F (28.9 deg C) on the 25<sup>th</sup>, and the coldest temperature during the month was 45.0 deg F (7.2 deg C) on the 5<sup>th</sup>. For precipitation, KVPS had a total of 4.69” of rainfall during the month, which was 0.29” above the long-term April average of 4.4” of rainfall. While we had slightly above normal precipitation for the month of April, most of the rainfall for the month fell on two days (2.77” on the 30<sup>th</sup> and 1.92” on the 10<sup>th</sup>.) So, 87.5% of the rainfall for the month occurred on just two days of the month (and there were only four days during the month that had any measurable rain). So, other than the two heavy rainfall days on the 10<sup>th</sup> and the 30<sup>th</sup>, April of 2024 was a very nice weather month with seasonably pleasant temperatures and lots of sunshine. There were four thunderstorm days during the month for KVPS (which is two days below normal).

For KEGI, the mean daily temperature was 66.6 deg F (19.2 deg C). The warmest temperature during the month at KEGI was 87.8 deg F (31.0 deg C) on the 19<sup>th</sup>, and the coldest temperature during the month was 37.8 deg F (3.2 deg C) on the 23<sup>rd</sup>. For KEGI, this was the coldest temperature ever recorded so late in the spring. For precipitation, KEGI had a total of 5.05” of rainfall during the month. There were three days with thunderstorms reported at KEGI in April 2024.

Daily records:

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

records and no daily precipitation records tied or set for KEGI during the month.

KVPS:

Maximum Daily Precipitation Record:

10 April 2024: 1.92" of rainfall broke the previous record of 1.83" set in 2021.

KEGI:

Minimum Temperature Records:

13 April: 40 deg F broke the previous record of 43 deg F set in 2011.

23 April: 38 deg F broke the previous record of 42 deg F. which was set just last year in 2023. This was also the latest date for a temperature as low as 38 deg F at Duke Field.