

Eglin Air Force Base and Duke Field Climate Summary March 2025

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While KVPS had below average temperatures during the month (compared to the ten-year KVPS climatology database from 2014 through 2023), March of 2025 was tied for the 26th warmest March on record (with 1991) since our KVPS climatology records began in 1940. The 14th Weather Squadron's Operational Climatic Data Summary (OCDS) for KVPS has not yet been updated through 2024 for the ten-year climatic temperature normal data. Since the year 2024 was the overall warmest year on record for KVPS (and had many months during the year which were well above the long term normal for temperatures), the monthly average temperatures will generally go up when the 2024 data replaces the 2014 data in the ten-year KVPS climatology period of record in the updated KVPS OCDS. (The year 2014 was generally a below average year for temperatures at KVPS, while the year 2024 was well above normal.)

For March of 2025, the mean daily temperature for KVPS was 62.2 deg F (16.8 deg C) which was 1.8 deg F below normal for the month. March of 2025 was tied (with 1991) as the 26th warmest March on record (dating back to 1940), despite being below normal for the month of March compared to the 2014 – 2023 climatic normal period. The warmest temperature during the month at KVPS was 82.6 deg F (28.1 deg C) on the 26th. The coldest temperature during the month was 34.7 deg F (1.5 deg C) on the 21st. For precipitation, we had a near normal month with a total of 5.28" of rainfall at KVPS, which was only 0.22" below the normal of 5.5". Of that 5.28" amount of rainfall during the month, more than half of the month's precipitation (3.12") occurred on the 9th, which was a record precipitation amount for that date. There were seven thunderstorm days reported at KVPS in February, which was three above normal for the month.

For KEGI, the mean daily temperature for the month was 60.9 deg F (16.0 deg C). The warmest temperature during the month at KEGI was 84.9 deg F (29.4 deg C) on the 26th. The coldest temperature was 29.4 deg F (-0.7 deg C) on the 3rd. There was a total of 5.00" of rainfall during the month at KEGI. There were eight days with thunderstorms reported at KEGI during the month.

Daily Records:

For KVPS, we tied one new daily maximum temperature record and set one new daily precipitation record. No new daily minimum temperature records were tied or set during the month for KVPS.

For KEGI, there was one new daily minimum temperature record set. There was also one new daily precipitation record set.

March daily records for KVPS:

Daily maximum temperature record:

26th: 83 deg F tied the record set in 2020.

Daily precip record:

9th: 3.12" (broke the previous record of 2.32" set in 2011).

March Daily Records for KEGI:

Daily minimum temperature record:

18th: 34 deg F broke the previous record of 36 deg F set in 2019.

Daily precip record:

13th: 0.87" broke the previous record of 0.86" set in 1977.

In conclusion, March of 2025 was a generally average month for temperatures and precipitation for KVPS and KEGI, but which had an above normal amount of thunderstorm activity during the month.