

Eglin Air Force Base and Duke Field Climate Summary

January 2025

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January of 2025 is a month for the record books due to a once in a lifetime snowfall event. For the local area, snowfall amounts were quite impressive with snowfall totals generally from 5 inches to as much as 10 inches of accumulation on 21 January 2025. For KVPS, a total snowfall accumulation of 7.8 inches was measured which broke (by a longshot) the all-time record for snowfall for any date at KVPS (since the climatology records began). The previous total 24-hour snowfall record was 1.4" of snow on 9-10 February 1973. After breaking our all-time warmest year on record at KVPS in 2024, January of 2025 was well below normal for KVPS for temperatures. Only a warmup over the last six days of the month kept January of 2025 from ranking among the top 10 coldest Januarys on record. During January 2025, the mean daily temperature for KVPS was 47.5 deg F (8.6 deg C), which was 5.5 deg F below normal for the month. The month ranked in a tie for the 16th coldest January on record (with January of 2018 and 1983). The warmest temperature during the month at KVPS was 73 deg F on the 31st. The coldest temperature during the month was 15 deg F on the 22nd, the morning after the record snowfall. For precipitation, we recorded a total of 4.88" of rainfall at KVPS, which was 0.48" above normal. There were no thunderstorms reported at KVPS, which was three below normal for the month.

For KEGI, there was a lot of estimated data used to come up with the mean daily temperature for the month, which was determined to be 45.8 deg F (7.7 deg C). The warmest temperature during the month was 73 deg F (22.8 deg C) on the 30th. The coldest temperature was 14.4 deg F (-9.8 deg C) on the 4th. There was an (estimated) total of 3.45" of rainfall during the month at KEGI. There was an estimated 7.0" of snowfall during the month at KEGI. A thunderstorm was reported at KEGI on the last day of the month.

Daily Records:

For KVPS, we set two new minimum temperature records and a daily and monthly record snowfall accumulation record.

For KEGI, mostly based on the temperatures at the closest RAWS data sites, there were five new daily record low temperatures set and also a daily and monthly snowfall accumulation record set.

January records for KVPS:

Record daily minimum temperatures

22nd: 15 deg F broke the previous record of 21 deg F set in 1985.

23rd: 19 deg F broke the previous record of 23 deg F in 1963.

Record daily and monthly snowfall accumulation:

21st: 7.8" of snowfall accumulation broke the previous record of 0.0" for both the date and the month. (We had never before recorded measurable snowfall accumulation in the month of January at KVPS.) We also broke the all-time record snowfall record for any month with our 7.8" total (with the previous monthly record of 1.4" of snowfall accumulation in February of 1973.

January Daily Records for KEGI:

Record Daily Temperature Records:

12th: 22 deg F broke record of 23 deg F in 1981.

22nd: 14 deg F (estimated) broke the previous record of 19 deg F from 2009.

23rd: 16 deg F (estimated) broke the previous record of 19 deg F from 2011.

24th: 21 deg F (estimated) broke the previous record of 23 deg F from 2016.

25th: 25 deg F (estimated) broke the previous record of 27 deg F from 2016.

Record daily and monthly snowfall accumulation:

21st: 7.0" of snowfall accumulation (estimated) broke the previous record of 0.0" for both the date and 2.0" for the month, which occurred in January of 1977.