

# Eglin Air Force Base and Duke Field Climate Summary

## February 2022

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At KVPS, the mean daily temperature for the month was 55.4 deg F (13.0 deg C) which was 2.6 deg F below the ten-year climatological mean temperature for February of 58 deg F. However, for the historical KVPS climatological period dating back to 1940, February of 2022 was tied (with 1946) as the 33<sup>rd</sup> warmest February on record. February of 2022 was the coldest February at KVPS since 2016. (FYI, at KVPS, the February's of 2017, 2018, and 2019 ranked as the 4<sup>th</sup>, 1<sup>st</sup>, and 3<sup>rd</sup> warmest Februarys on record for KVPS respectively. February of 2020 was tied for the 23<sup>rd</sup> warmest on record.)

For precipitation, our La Niña winter drought continued into February. Dating back to November of 2021, KVPS had its fourth below normal month in a row for precipitation. At Eglin AFB, we only had 0.86" of rain during the month of February 2022, which was 3.94" below the normal February rainfall amount of 4.8". Over the past three winter months (December through February), KVPS had a total of 6.15" of rainfall, which is 7.75" below the normal winter rainfall total for KVPS of 13.9". So, winter precipitation at KVPS was 44.2% of normal. November of 2021 had only 0.44" of rain at KVPS, which was 3.46" below normal for the month, so this drought has lasted a full four months. We are heading into the spring months with a significant rainfall deficit in the local area, with an increased risk of fire danger for the Eglin Range if the precipitation situation does not change.

During the month of February we only had one thunderstorm day reported at KVPS, which is two below the average of three TS days for the month. The maximum temperature for the 5<sup>th</sup> and the minimum temperature for the 6<sup>th</sup> were estimated (using data from the two closest RAWS sites to KEGI) due to a KEGI weather equipment outage during portions of 5 and 6 February.

At Duke Field we had a mean daily temperature of 54.5 deg F (12.5 deg C) during February 2022, with an estimated total of 1.35" of rainfall during the month. The February Duke rainfall data are estimated due to the fact that the precipitation accumulation sensor was not functioning at all during the entire month of February (or at least the sensor wasn't functioning on any of the days when measurable rainfall amounts were recorded in the area). There was one day with a thunderstorm reported during the month.

Daily records:

Eglin AFB

There were no daily maximum, minimum, or precipitation records at KVPS during the month of February.

Duke Field:

Minimum Temperature Records:

6<sup>th</sup>: 24 degrees F broke the previous record of 25 degrees set in 2009.

14<sup>th</sup>: 23 degrees F tied the previous record of 24 degrees F set in 2009

There were no daily maximum temperature or daily precipitation records during the month of February at KEGI