

Eglin Air Force Base and Duke Field Climate Summary

March 2021

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The month of March of 2021 was another relatively average month for temperatures at Eglin AFB. For the sixth month in a row, Eglin AFB had below normal precipitation. For March of 2021, we had 3.57” of rainfall at Eglin AFB, which was 2.03” below the long term average for March. From October 2020, through March of 2021, Eglin AFB had a total of 19.26” of rain, which was 8.26” below the most recent 30 year average (1992 – 2021) for the October through March period. For temperatures, the month of March 2021 had an average daily mean temperature of 62.5 deg F (16.9 deg C), which was 0.5 deg F above the ten-year (2010 – 2019) normal mean daily temperature of 62 deg F for March. When compared to all the months of March since 1940, March of 2021 tied the years 1961, 1977, and 1989 for the 20th warmest on record (of 82 years total). Just one year ago in 2020, Eglin AFB had it’s all time record warmest month of March since 1940, with a daily mean temperature of 68.8 deg F (20.4 deg C). There were a total of 4 days with thunder reported during the month of March 2021, which is above the average of 3 TS days for March.

For Duke Field, the mean daily temperature was 61.5 deg F (16.4 deg C). There was a total of 5.29” of rainfall during the month, which was more than 1.5 inches more rainfall than was recorded at Eglin AFB during the month. There were 3 days during the month when thunderstorm activity was reported at Duke Field.

Daily Records:

Eglin AFB

During March of 2021 there were no daily max or min temperature records tied or set during the month at Eglin AFB.

Daily Precipitation Records:

23rd: 1.59” broke the previous record for the date of 1.16” for the date set in 1944.

Duke Field

At Duke Field, there was one new daily record tied or set during the month:

8th: New daily record minimum temperature of 30 deg F (previous record not available)