

Eglin Air Force Base and Duke Field Climate Summary July 2022

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Overall, it was a relatively normal July month for our area. At Eglin AFB, we had a daily mean temperature of 81.7 deg F (27.6 deg C) which was 0.7 deg F above normal for the month. Compared to the historical July climate data dating back to 1940, July of 2022 was tied (with four other years) as the 46th warmest July on record. So, July of 2022 was basically in the "middle of the pack" for historical July temperatures. For precipitation, KVPS had 8.15" of rainfall, which was 0.55" above normal. KVPS had a total of 17 days with a thunderstorm reported (compared to the normal of 20 days for July.)

For Duke Field, we had a daily mean temperature for the month of July 2022 of 81.1 deg F (27.3 deg C). (Note that max and min temperature data for Duke Field on 31 July are estimated due to a weather equipment outage on this date.) KEGI had significantly more days with thunderstorm activity compared to KVPS during July 2022. Duke Field had thunder reported on 25 of the first 28 days of the month (and finished the month with no thunder reported on the last three days of the month). So, KEGI had 25 thunderstorm days during July of 2022, compared to only 17 days at KVPS. All those extra thunderstorm days at KEGI also led to a higher rainfall total during the month at KEGI (compared to KVPS). Duke Field had a total of 11.03" of rainfall during the month. (Note that the precip data for the 17th, 18th, and 22nd, was estimated due to weather equipment outages on those days. The rainfall data was estimated using data from RAWS site B70 to the southwest of KEGI and site C64 to the east-northeast.)

There were no daily maximum or minimum temperatures tied or set during the month of July 2022 at KVPS or KEGI. There were no daily rainfall records tied or set during the month as well.