

## Eglin Air Force Base and Duke Field Climate Summary October 2024

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For the second month in a row, we did not have a “top ten” warmest month for KVPS (as we did from May through August). However, we did have another “top 15” warmest month for KVPS, as we had in September 2024. October of 2024 had many above normal temperature days, with five new daily maximum temperature records tied or set for KVPS and six daily new daily maximum temperatures tied or set for KEGI. What prevented us from having a “top ten” warmest month at KVPS for October 2024 was a significant (but temporary) cold snap in the middle of the month, which actually set three new minimum temperature records for KEGI from the 16<sup>th</sup> through the 18<sup>th</sup>. October of 2024 was also an extremely dry month for both KVPS and KEGI, but dry weather in October is not particularly unusual for northwest Florida, especially if no tropical weather activity affects the area during the month.

For KVPS, October of 2024 had a mean daily temperature of 72.6 deg F (22.5 deg C), which was 0.6 deg F above normal for the month. October of 2024 was tied (with 2021 and 1951) for the 12<sup>th</sup> warmest October on record KVPS. The warmest temperature for KVPS was 91 deg F, and the coolest temperature was 42 deg F. For precipitation, we had a very dry month, with only 0.43”, which was 3.17” below normal for the month. Because October is often a very dry month for us, we only had the 16<sup>th</sup> driest month on record for KVPS, even with our minimal amount of precipitation. No thunderstorms were reported during the month, which was below the normal of two thunderstorm days for KVPS in October.

For KEGI, the mean daily temperature in October 2024 was 70.3 deg F (21.3 deg C). The warmest temperature during the month at KEGI was 91 deg F and the coldest temperature during the month was 35 deg F. For precipitation at KEGI, there the same amount of precipitation as what occurred at KVPS with only 0.43” of rainfall during the month for October. There were no thunderstorms reported at KEGI in October 2024.

Daily records:

October of 2024 was a very active month for daily record temperatures for both KVPS and KEGI. At KVPS we tied or broke five daily maximum temperature records. For KEGI there were six daily maximum temperature records tied or set during the month and three new daily minimum temperature records set during the month. No new daily precipitation records were tied or set during the month at either KVPS or KEGI.

## KVPS

### Maximum Temperature Records for October 2024:

- 14 October: 91 deg F broke the previous record for the date of 90 deg F which was set in 2021 and 1947.
- 25 October: 88 deg F broke the previous record of 87 deg F set in 1985.
- 26 October: 88 deg F broke the previous record of 87 deg F set in 1984 and 1944.
- 27 October: 88 deg F broke the previous record of 84 deg F set in 1940.
- 30 October: 85 deg F tied the previous record set in 1984.

## KEGI

### Maximum Temperature Records for October 2024

- 23 October: 87 deg F tied the previous record set in 2023, 2020 and in 1949.
- 24 October: 89 deg F tied the previous record set in 1949.
- 25 October: 89 deg F broke the previous record of 86 deg F set in 2021, 2019, 2012, and in 1975.
- 26 October: 90 deg F broke the previous record of 86 deg F set in 2021 and in 2010.
- 27 October: 90 deg F broke the previous record of 86 deg F set in 2010.
- 28 October: 86 deg F tied the previous record set in 1975

### Minimum Temperature Records for October 2024

- 16 October: 42 deg F broke the previous record of 44 deg F set in 1978.
- 17 October: 35 deg F broke the previous record of 41 deg F set in 1977.
- 18 October: 36 deg F broke the previous record of 39 deg F set in 2009.