

# October 2025 Monthly Weather Summary

## Temperature Overview

Cooler-than-average conditions observed during August and September continued into October, with all long-term climate sites measuring slightly below normal with respect to average monthly temperatures. Like September, several onshore flow events throughout the month kept the daytime high temperatures about 2 to 3 degrees cooler than normal closer to the coast, with near normal high temperatures across the piedmont. Minimum temperatures were generally near normal. Only a few days scattered throughout the month recorded average temperatures of 5°F above normal, which were days that featured southerly flow ahead of cold fronts. Despite being cooler than average, no daily temperature records were set, nor did any site reach into the top-10 coolest Octobers on record.

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## Precipitation Overview

Despite a series of coastal storms, for the most part, October 2025 ended up drier than average across the region. All long-term climate sites recorded a rainfall deficit of between 0.50-2.00”, except for Elizabeth City. Elizabeth City recorded a total monthly precipitation of 3.83”, just 0.20” above normal for October. This slight rainfall surplus is due to the closer proximity of the aforementioned coastal storms to this nearly coastal North Carolina climate site. A Co-op site located in Edenton, NC, still managed a 0.64” rainfall deficit, likely due to its location further inland. Interestingly, areas on the Eastern Shore (aside from the far northeastern areas, including Ocean City) all saw a deficit of around 2.00” despite being a coastal area. This is likely because of the general northeast trajectory of each coastal low, shifting further offshore before bringing much measurable rainfall to this area. Overall, a drier month with no daily rainfall records or top 10 driest October performances at any sites.

**The following table on page 3 shows detailed temperature and precipitation statistics for October 2025 at many locations within the Wakefield CWA. On page 4, daily average temperature departures are shown at Richmond and Norfolk for October, followed by October precipitation maps (page 5), with daily records set during the month at our 4 main long-term sites on the last page.**

# Tabular Summary of Data for Selected Climate Sites (October):

## October 2025 Temperature Summary Data

\* also on other dates

All Normals are 1991-2020

| Site             | Avg Max |      | Avg Min |      | Avg Temp |      | Daily Highs  |      |     |              |       | Daily Mins   |        |       |              |    | Remarks |   |  |
|------------------|---------|------|---------|------|----------|------|--------------|------|-----|--------------|-------|--------------|--------|-------|--------------|----|---------|---|--|
|                  | (°F)    |      | (°F)    |      | (°F)     |      | Warmest (°F) |      |     | Coldest (°F) |       | Warmest (°F) |        |       | Coldest (°F) |    |         |   |  |
|                  | Actual  | Dep  | Actual  | Dep  | Actual   | Dep  | Actual       | Date | Dep | Actual       | Date  | Dep          | Actual | Date  | Dep          |    |         |   |  |
| Richmond         | 69.6    | -1.3 | 49.2    | 0.2  | 59.4     | -0.6 | 82           | 7th  | -4  | 53           | 28th  | -1           | 60     | 7th   | -5           | 37 | *25th   | 3 |  |
| Norfolk          | 68.8    | -3.5 | 55.3    | 0.2  | 62.1     | -1.6 | 84           | 7th  | -2  | 57           | 28th  | 1            | 67     | 8th   | -2           | 46 | *26th   | 6 |  |
| Salisbury        | 68.4    | -0.8 | 46.1    | -1.7 | 57.3     | -1.2 | 82           | 7th  | -3  | 59           | *29th | 5            | 57     | *13th | -8           | 34 | *25th   | 3 |  |
| Wallops Island   | 67.3    | -1.8 | 51.3    | -0.1 | 59.3     | -0.9 | 79           | 7th  | -4  | 58           | 28th  | 4            | 64     | 11th  | -3           | 39 | 24th    | 3 |  |
| Elizabeth City   | 70.6    | -2.8 | 52.5    | -0.3 | 61.6     | -1.5 | 84           | 7th  | -2  | 58           | 28th  | 0            | 64     | *11th | -5           | 40 | 26th    | 3 |  |
| Ashland, VA      | 68.3    | -0.6 | 49.2    | 1.5  | 58.7     | 0.4  | 80           | *7th | -3  | 54           | 29th  | 1            | 67     | 8th   | 3            | 32 | 25th    | 1 |  |
| Cape Charles, VA | 67.0    | -1.6 | 52.5    | -0.5 | 59.8     | -1.0 | 77           | 7th  | -5  | 57           | 28th  | 2            | 64     | *11th | -5           | 39 | 25th    | 0 |  |
| Louisa, VA       | 70.3    | 0.9  | 44.7    | 0.3  | 57.5     | 0.6  | 83           | 6th  | -2  | 53           | 29th  | 0            | 66     | 8th   | 4            | 29 | 25th    | 2 |  |
| Wakefield, VA    | 70.7    | -1.3 | 47.9    | -0.1 | 59.3     | -0.7 | 84           | *7th | -2  | 53           | 28th  | -2           | 58     | 12th  | -7           | 34 | 25th    | 1 |  |
| Williamsburg, VA | 69.1    | -1.9 | 50.9    | -0.4 | 60.0     | -1.1 | 81           | *7th | -5  | 56           | 28th  | 0            | 59     | 12th  | -7           | 40 | *25th   | 4 |  |
| Edenton, NC      | 69.8    | -2.8 | 54.4    | 0.3  | 62.1     | -1.3 | 80           | 7th  | -4  | 57           | 28th  | -1           | 70     | 8th   | 2            | 42 | 26th    | 4 |  |

## October 2025 Precipitation & Snowfall Summary Data

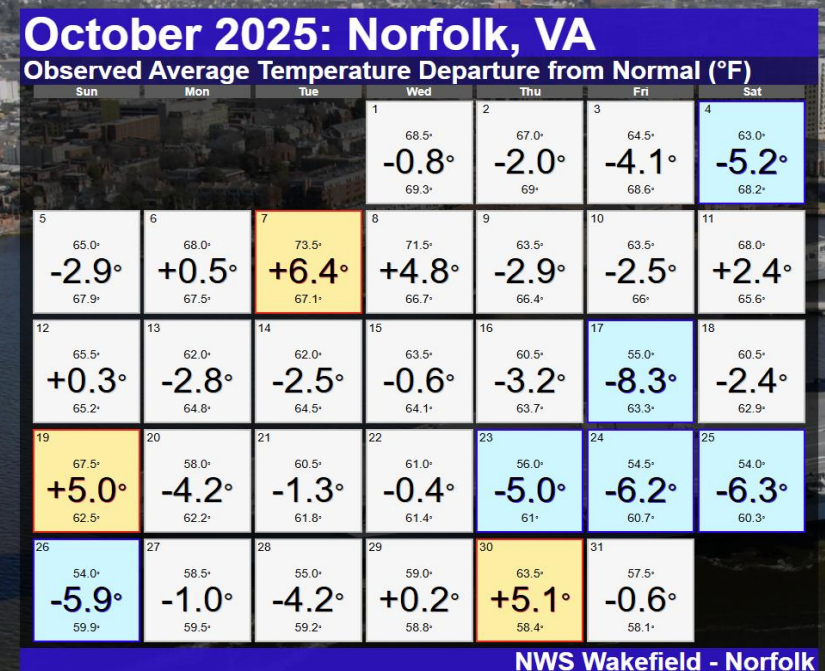
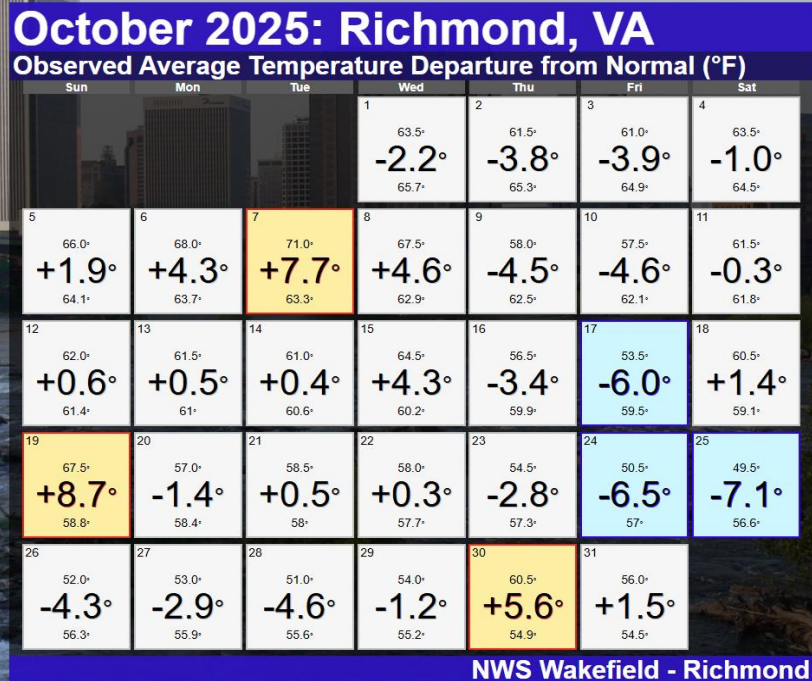
\* also on other dates

All Normals are 1991-2020

| Site             | Total Pre |       | # Pre Days |     | # Pre Days |     | Greatest |      | Total Snow |     | # Snow Days |     | # Snow Days |     | Greatest |      |       |      | Remarks |
|------------------|-----------|-------|------------|-----|------------|-----|----------|------|------------|-----|-------------|-----|-------------|-----|----------|------|-------|------|---------|
|                  | (in.)     |       | (≥0.01")   |     | (≥0.10")   |     | (in.)    |      | (in.)      |     | (≥0.1")     |     | (≥1.0")     |     | (in.)    |      | (in.) |      |         |
|                  | Actual    | Dep   | Actual     | Dep | Actual     | Dep | Act      | Date | Act        | Dep | Act         | Dep | Act         | Dep | Daily    | Date | Storm | Date |         |
| Richmond         | 1.64      | -1.75 | 9          | 1   | 4          | -1  | 0.59     | 29th |            |     |             |     |             |     |          |      |       |      |         |
| Norfolk          | 3.41      | -0.45 | 10         | 2   | 6          | 1   | 1.06     | 29th |            |     |             |     |             |     |          |      |       |      |         |
| Salisbury        | 2.22      | -1.93 | 9          | 0   | 4          | -2  | 0.79     | 12th |            |     |             |     |             |     |          |      |       |      |         |
| Wallops Island   | 2.01      | -2.01 | 8          | 0   | 4          | -1  | 0.91     | 12th |            |     |             |     |             |     |          |      |       |      |         |
| Elizabeth City   | 3.83      | 0.20  | 10         | 2   | 6          | 2   | 1.26     | 29th |            |     |             |     |             |     |          |      |       |      |         |
| Ashland, VA      | 0.91      | -2.78 | 4          | -3  | 3          | -2  | 0.55     | 30th |            |     |             |     |             |     |          |      |       |      |         |
| Cape Charles, VA | 2.29      | -2.06 | 9          | 0   | 5          | 0   | 0.65     | 12th |            |     |             |     |             |     |          |      |       |      |         |
| Louisa, VA       | 1.96      | -1.85 | 5          | -3  | 4          | -1  | 0.75     | 30th |            |     |             |     |             |     |          |      |       |      |         |
| Wakefield, VA    | 2.05      | -1.90 | 11         | 3   | 5          | 0   | 0.69     | 12th |            |     |             |     |             |     |          |      |       |      |         |
| Williamsburg, VA | 2.19      | -2.02 | 9          | 0   | 4          | -1  | 0.79     | 12th |            |     |             |     |             |     |          |      |       |      |         |
| Edenton, NC      | 3.11      | -0.64 | 7          | 1   | 5          | 0   | 1.00     | 11th |            |     |             |     |             |     |          |      |       |      |         |

\* **“Dep”= Departure** from the 30-year normals (1991-2020). Temperature departures are shaded orange for 1 F or more warmer than average (dark red for 4 F or greater anomalies) and blue for 1 F or more cooler than average (dark blue for 4 F or more below normal). Similarly, precipitation departures are shaded green for 0.50” or more wetter than average (dark green for 2.00” or more) and tan for 0.50” or more drier than average (dark brown for 2.00” or more drier). Snowfall departures are shaded purple for 1” or more above average and tan for 1” or more below average. **\*\*Rankings in Remark section are included for Co-op sites where a complete period of record is of sufficient duration. N/A in Remarks section indicates sites with a shorter period of record, leading to rankings being of less significance**

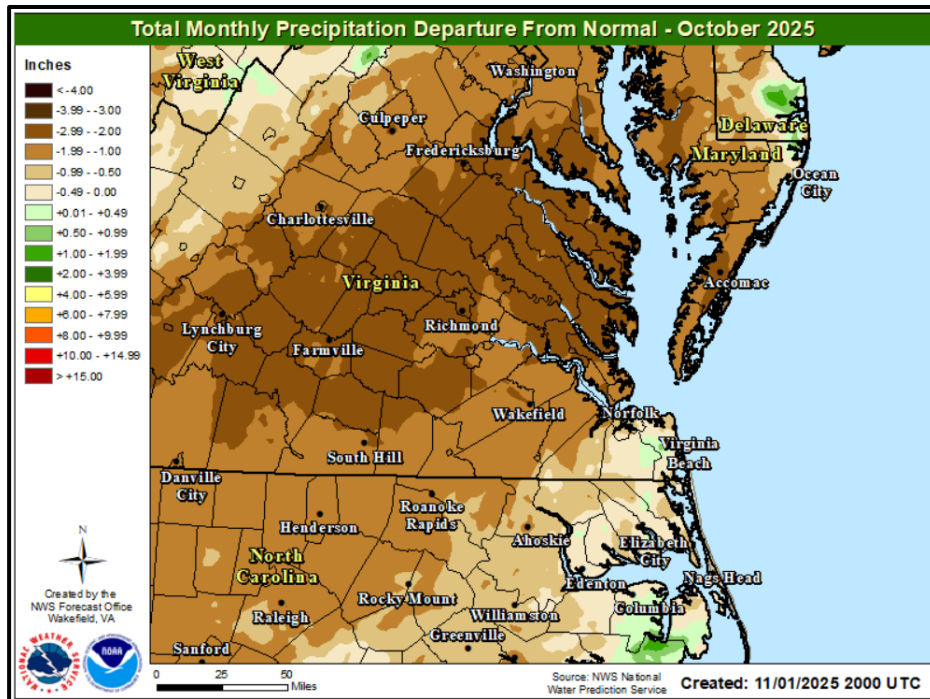
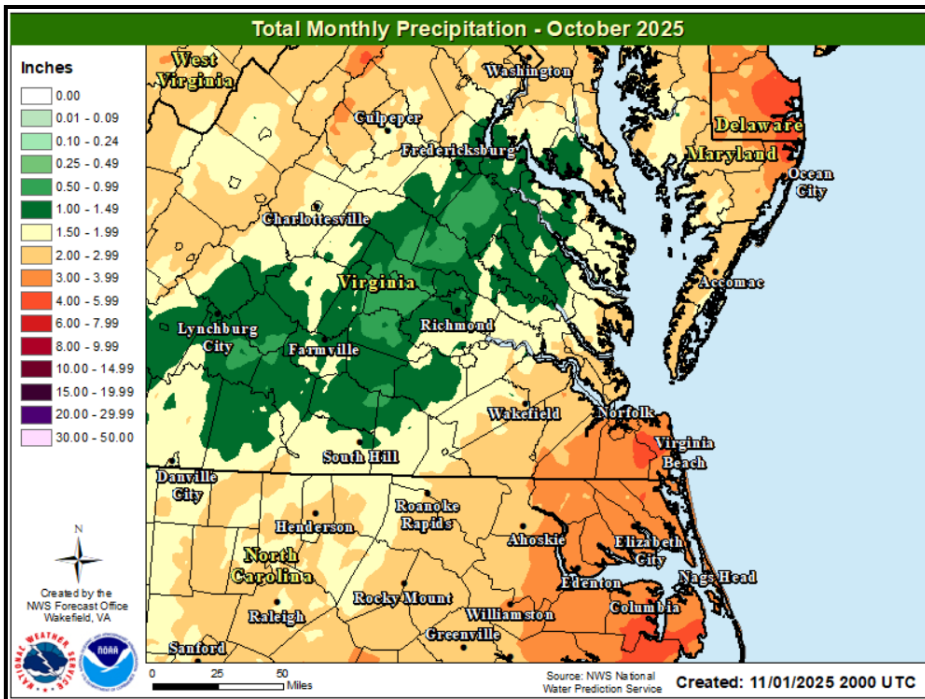
# Daily Average Temperature Departures at Richmond & Norfolk, VA (October)



**Figure 2: Daily Average Temperature Departures at RIC and ORF**



# Regional Precipitation Maps: October 2025



**Figure 3:** *Total Precipitation* for the month is shown in the map on the left. *Departure* from the 30-year normals (1991-2020) is shown on the map on the right.

# Daily Records for Long Term Sites (October):

## Norfolk, VA Records (Period of Record 152 yrs./1874-2025) *\*tie*

**Record Highs:** none set.

**Record Low Maximums:** none set.

**Record Lows:** none set.

**Record High Minimums:** none set.

**Daily Precipitation:** none set.

## Richmond, VA Records (Period of Record 129 yrs./1897-2025) *\*tie*

**Record Highs:** none set.

**Record Low Maximums:** none set.

**Record Lows:** none set.

**Record High Minimums:** none set.

**Daily Precipitation:** none set.

## Salisbury, MD Records (Period of Record 119 yrs./1907-2025) *\*tie*

**Record Highs:** none set.

**Record Low Maximums:** none set.

**Record Lows:** none set.

**Record High Minimums:** none set.

**Daily Precipitation:** none set.

## Elizabeth City, NC Records (Period of Record 92 yrs./1934-2025) *\*tie*

**Record Highs:** none set.

**Record Low Maximums:** none set.

**Record Lows:** none set.

**Record High Minimums:** none set.

**Daily Precipitation:** none set.