

April 2020 Review

General Summary

After starting the year with 3 consecutive months featuring above normal temperatures, the pattern shifted during April with average monthly temperatures that ended up near to a little below normal across most sites in the region. Relatively warm temperatures continued through the first portion of the month, with highs mostly in the 60s, 70s, and 80s and lows in the 40s and 50s. It was the 2nd half of April when temperatures were mostly cooler than normal: from the 14th through the 30th, Richmond recorded just 1 date with a daily high that was 5F or more warmer than normal while 10 of 17 days had a daily high that was 5F or more cooler than normal. Lows at or below freezing were recorded on several dates of the month after the 15th across the Piedmont (17th, 19th, and 22nd) and near freezing temperatures occurred across the remainder of the area except at the immediate coast of southeast VA and northeast NC. Some of the co-op climate sites in the northern portion of the forecast area did not reach 80F for the entire month; rather unusual in April though certainly not unprecedented.

After a relatively dry March, monthly precipitation totals were generally a little above normal in April with totals that ranged primarily from 4 to 5 inches across the region. These amounts are not excessive and none of the long-term climate sites recorded a top-10 wettest April. The pattern was rather unsettled however, with the precipitation falling on 12 to 18 days across the area. Richmond recorded 18 days with measurable rainfall in 2020, tying 1918 as the most on record for April. Snowfall was non-existent across the region with the exception of a brief rain/snow mix on the morning of the 15th to the northwest of Richmond

The series of pages that follow show various statistics for April 2020.

Daily High Temperature Departures at Richmond & Norfolk

April 2020: Richmond, VA

Observed Maximum Temperature Departure from Normal (°F)

Sun	Mon	Tue	Wed	Thu	Fri	Sat
			1 55° -11° 66°	2 65° -1° 66°	3 71° +5° 66°	4 61° -6° 67°
5 73° +6° 67°	6 74° +7° 67°	7 82° +14° 68°	8 81° +13° 68°	9 78° +10° 68°	10 57° -12° 69°	11 65° -4° 69°
12 76° +7° 69°	13 83° +13° 70°	14 65° -5° 70°	15 55° -15° 70°	16 63° -8° 71°	17 70° -1° 71°	18 64° -7° 71°
19 69° -2° 71°	20 61° -11° 72°	21 74° +2° 72°	22 67° -5° 72°	23 64° -9° 73°	24 77° +4° 73°	25 61° -12° 73°
26 69° -4° 73°	27 62° -12° 74°	28 70° -4° 74°	29 80° +6° 74°	30 68° -6° 74°		

NWS Wakefield - Richmond

April 2020: Norfolk, VA

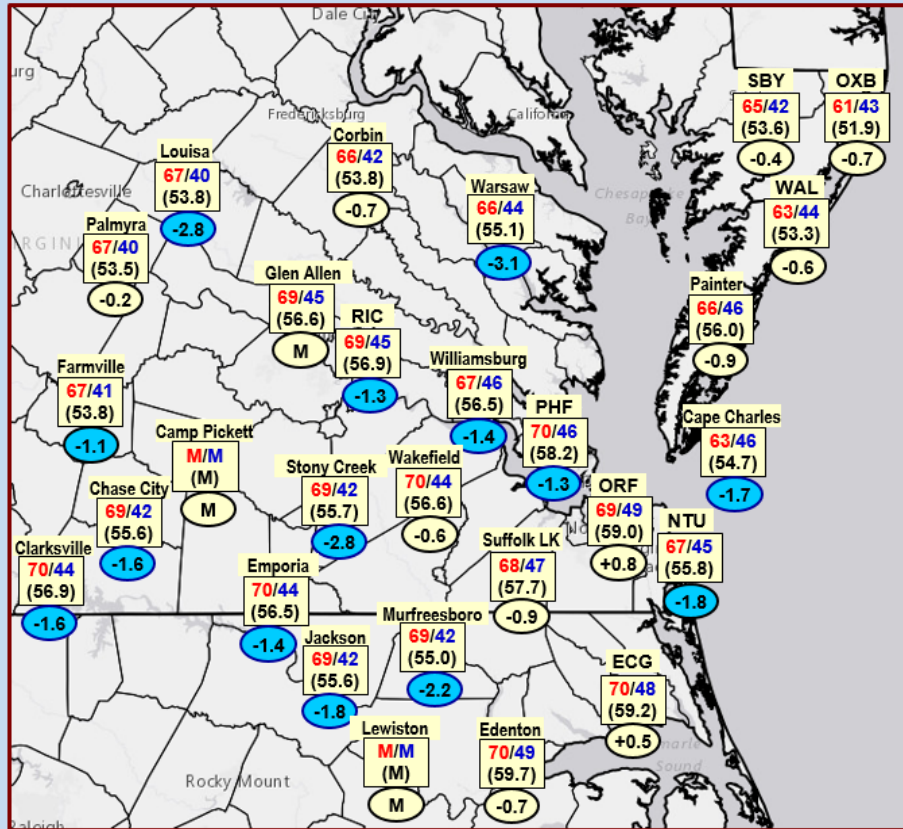
Observed Maximum Temperature Departure from Normal (°F)

Sun	Mon	Tue	Wed	Thu	Fri	Sat
			1 53° -10° 63°	2 64° 0° 64°	3 69° +5° 64°	4 57° -7° 64°
5 68° +3° 65°	6 69° +4° 65°	7 81° +16° 65°	8 82° +16° 66°	9 81° +15° 66°	10 58° -8° 66°	11 64° -2° 66°
12 78° +11° 67°	13 82° +15° 67°	14 68° +1° 67°	15 54° -14° 68°	16 58° -10° 68°	17 72° +4° 68°	18 65° -3° 68°
19 70° +1° 69°	20 64° -5° 69°	21 75° +6° 69°	22 68° -2° 70°	23 68° -2° 70°	24 80° +10° 70°	25 60° -10° 70°
26 76° +6° 70°	27 61° -10° 71°	28 67° -4° 71°	29 82° +11° 71°	30 75° +4° 71°		

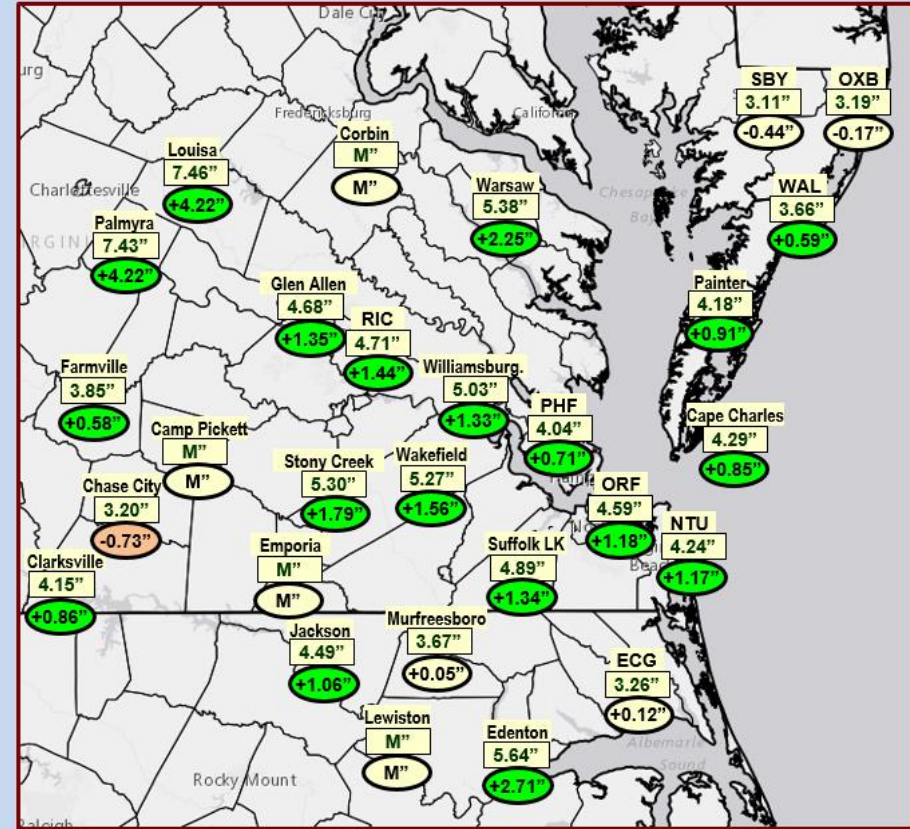
NWS Wakefield - Norfolk

Regional Temperature & Precipitation Maps

April 2020 Temperature Data



April 2020 Precipitation Data



Departures from the 30-year normals (1981-2010) are shown for both **average temperature** and **total precipitation**. For temperature, the departures are shaded orange for 1 F or more warmer than average and blue for 1 F or more cooler than average (values within one degree of normal are shaded the same color as the temperature box). Similarly, precipitation departures are shaded green for 0.50" or more wetter than average and tan for 0.50" or more drier than normal (near normal values are shaded the same color as the precipitation amount box).

Tabular Summary of Data for Main Climate Sites:

April 2019 Temperature Summary Data * also on other dates										
Site	Avg Max		Avg Min		Avg Temp		Warmest	Coldest	Significance / Remarks (if Top Ten List, etc.)	
	(°F)		(°F)		(°F)		(°F)	(°F)		
	Actual	Dep	Actual	Dep	Actual	Dep	Date	Date		
Richmond	68.7	-1.6	45.1	-1.0	56.9	-1.3	83 on 13th	33 *22nd		
Norfolk	69.0	1.4	49.0	0.1	59.0	0.8	82 *29th	36 on 16th		
Salisbury	64.8	-0.1	42.3	-0.8	53.6	-0.4	79 on 9th	30 on 19th		
Elizabeth City	70.2	0.7	48.3	0.4	59.2	0.5	86 on 8th	36 *16th		
Wakefield	69.7	-0.5	43.5	-0.8	56.6	-0.6	84 on 9th	30 on 11th		

April 2019 Precipitation & Snowfall Summary Data											
Site	Total Pre		# Pre Days		Greatest		Total Snow		# Snow Days		Significance / Remarks (if Top Ten List, etc.)
	(in.)		(≥0.01")		(in.)		(in.)		(≥0.1")		
	Actual	Dep	Actual	Dep	Actual	Date	Act	Dep	Act	Dep	
Richmond	4.71	1.44	18	8	1.70	30th	0.0	-0.1	0	0	Tied with 1918 for most Wet days
Norfolk	4.59	1.18	13	2	1.63	30th	0.0	0.0	0	0	
Salisbury	3.11	-0.44	15	4	0.66	13th	0.0	-0.2	0	0	
Elizabeth City	3.26	0.12	10	0	1.03	20th	0.0	0.0	0	0	
Wakefield	5.27	1.56	16	6	2.35	30th	0.0	0.0	0	0	

* **“Dep”= Departure** from the 30-year normals (1981-2010). Temperature departures are shaded orange for 1 F or more warmer than average (dark red for 5 F or greater anomalies) and blue for 1 F or more cooler than average (dark blue for 5 F or more below normal). Similarly, precipitation departures are shaded green for 0.50” or more wetter than average and tan for 0.50” or more drier than average and snowfall departures are shaded purple for 0.5” or more above average and tan for 0.5” or more below average.

Daily Records for Long Term Climate Sites:

Norfolk, VA Records (Period of Record 147 yrs./1874-2020)

**tie*

Record Highs: none set.

Record Low Maximums: none set.

Record Lows: none set.

Record High Minimums: none set.

Daily Precipitation: none set.

Daily Snowfall: none set.

Richmond, VA Daily Records (Period of Record 124 yrs./1897-2020)

**tie*

Record Highs: none set.

Record Low Maximums: none set.

Record Lows: 33 (22nd).

Record High Minimums: none set.

Daily Precipitation: 1.70" (30th).

Daily Snowfall: none set.

Salisbury, MD Daily Records (Period of Record 114 yrs./1907-2020)

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Record Highs: none set.

Record Low Maximums: none set.

Record Lows: none set.

Record High Minimums: none set.

Daily Precipitation: none set.

Daily Snowfall: none set.