

June 2022 Review

Overview

June 2022 featured near normal temperatures overall; generally warmer than average for the 1st half of the month with mostly cooler than average readings during the 2nd half. This can be clearly seen on page 3 of this write-up where daily high departures from normal are color coded at Richmond and Norfolk. June 23rd was particularly cool with highs mostly in the lower 70s (15 degrees or more below normal for the date). Conversely, both Richmond and Norfolk started the month with consecutive days recording daily high departures of 10 or more degrees above normal. In general though, there were no real extremes of temperature across the region as Elizabeth City was the only long term climate site that recorded any daily records (see page 5 for details).

Monthly precipitation totals in June featured mostly wetter than normal conditions across the northern ½ of the forecast area, with drier than normal values over far southern Virginia and northeast North Carolina. The number of days with measureable rainfall was generally near normal over the far north and below average elsewhere, occurring on less than 10 days except at Salisbury and Louisa. Places such as Richmond that received above normal precipitation for the month did so mainly from locally heavy rainfall on a small number of days. This general pattern was almost the opposite of May when there were a lot of wet days but with little in the way of heavy daily totals.

The following table shows detailed temperature and precipitation statistics for June 2022.

Tabular Summary of Data for Selected Climate Sites (June):

June 2022 Temperature Summary Data <small>* also on other dates</small> <small>All Normals are 1991-2020</small>																			
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	Actual		Date	Dep
Richmond	86.6	1.0	64.3	-0.2	75.5	0.5	97	17th	0	72	23rd	1	72	14th	-2	55	6th	2	8 days 90F+
Norfolk	84.1	-1.1	67.0	-1.1	75.6	-1.1	97	17th	1	72	23rd	2	74	9th	-2	61	*21st	5	5 days 90F+
Salisbury	84.2	1.3	61.7	-0.9	73.0	0.3	94	17th	0	75	*23rd	7	73	*17th	-1	50	*20th	4	6 days 90F+
Wallops Island	81.9	0.6	63.9	-1.2	72.9	-0.3	96	17th	3	73	5th	5	73	17th	-2	52	6th	0	3 days 90F+
Elizabeth City	85.4	0.0	64.9	-2.2	75.2	-1.0	96	17th	1	78	23rd	5	73	*17th	-3	53	20th	-1	6 days 90F+
Ashland, VA	83.9	1.0	63.9	0.7	73.9	0.8	93	17th	0	71	23rd	1	74	14th	2	53	*20th	2	6 days 90F+
Corbin, VA	83.3	0.2	61.2	-1.2	72.3	-0.5	94	17th	0	71	23rd	2	71	14th	-1	49	20th	1	6 days 90F+
Louisa, VA	83.6	0.4	59.2	-1.5	71.4	-0.5	94	17th	0	72	23rd	1	69	*27th	-2	45	19th	-1	6 days 90F+
Painter, VA	83.7	0.3	64.2	-0.4	74.0	0.0	95	*18th	1	74	6th	4	74	14th	-2	51	6th	-1	5 days 90F+
Wakefield, VA	87.4	1.6	61.9	-1.4	74.6	0.1	99	17th	3	74	23rd	3	72	14th	-1	50	20th	1	11 days 90F+
Williamsburg, VA	85.0	0.6	64.6	-0.7	74.8	-0.1	97	17th	2	73	23rd	1	74	14th	0	55	6th	3	6 days 90F+
Edenton, NC	84.6	-1.5	66.8	-1.1	75.7	-1.3	92	*17th	-2	78	*23rd	4	78	2nd	3	56	20th	2	4 days 90F+

June 2022 Precipitation & Snowfall Summary Data <small>* also on other dates</small> <small>All Normals are 1991-2020</small>																		
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.)			
	Actual	Dep	Actual	Dep	Actual	Dep	Act	Date	Act	Dep	Act	Dep	Act	Dep	Daily	Date		Storm
Richmond	6.58	1.94	7	-4	6	-1	2.03	22nd										
Norfolk	2.27	-2.16	7	-3	4	-2	0.84	8th										
Salisbury	5.26	1.23	11	0	7	0	2.58	14th										
Wallops Island	2.97	-0.42	8	-2	4	-2	1.78	12th										
Elizabeth City	1.91	-2.80	7	-3	3	-4	0.72	22nd										
Ashland, VA	3.39	-1.19	8	-1	4	-3	1.39	12th										
Corbin, VA	5.09	1.12	9	2	5	-2	2.75	23rd										
Louisa, VA	5.72	1.39	11	0	7	-1	2.58	16th										
Painter, VA	3.56	-0.88	6	-4	4	-3	1.97	28th										
Wakefield, VA	3.30	-1.47	7	-4	5	-2	1.28	22nd										
Williamsburg, VA	4.33	0.17	8	-3	5	-2	1.90	27th										
Edenton, NC	2.54	-2.38	6	-2	5	-2	1.04	12th										

* **“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.

Daily High Temperature Departures at Richmond & Norfolk, VA

June 2022: Richmond, VA

Observed Maximum Temperature Departure from Normal (°F)

Sun	Mon	Tue	Wed	Thu	Fri	Sat
			1 96° +14° 82°	2 95° +13° 82°	3 81° -1° 82°	4 86° +4° 82°
5 83° 0° 83°	6 83° 0° 83°	7 86° +3° 83°	8 93° +9° 84°	9 89° +5° 84°	10 83° -1° 84°	11 82° -2° 84°
12 84° -1° 85°	13 96° +11° 85°	14 90° +5° 85°	15 89° +3° 86°	16 86° 0° 86°	17 97° +11° 86°	18 83° -4° 87°
19 80° -7° 87°	20 81° -6° 87°	21 86° -1° 87°	22 96° +8° 88°	23 72° -16° 88°	24 82° -6° 88°	25 87° -1° 88°
26 90° +2° 88°	27 87° -2° 89°	28 82° -7° 89°	29 86° -3° 89°	30 88° -1° 89°		

NWS Wakefield - Richmond

June 2022: Norfolk, VA

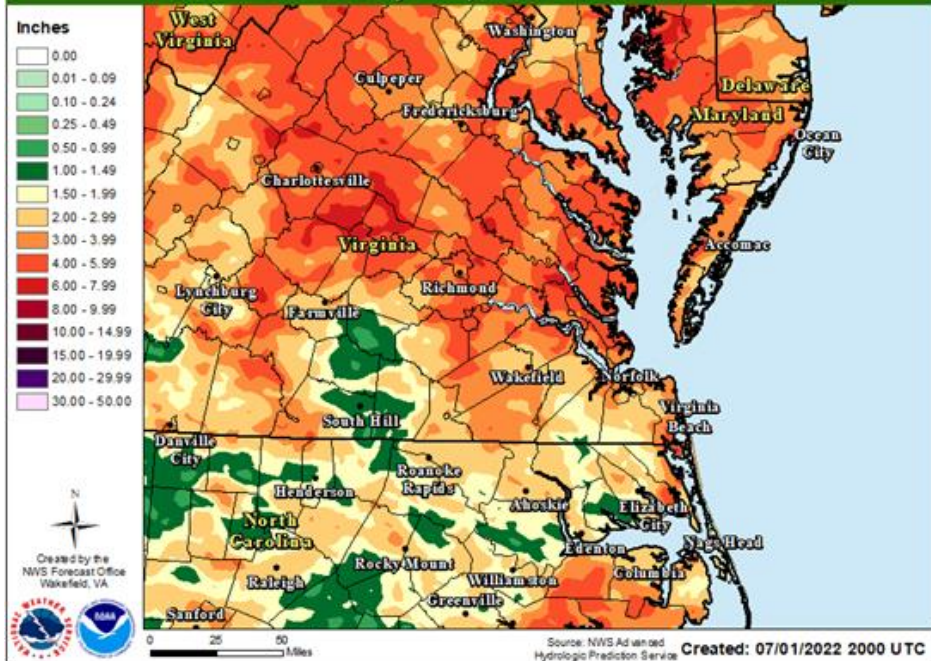
Observed Maximum Temperature Departure from Normal (°F)

Sun	Mon	Tue	Wed	Thu	Fri	Sat
			1 91° +10° 81°	2 95° +14° 81°	3 81° -1° 82°	4 80° -2° 82°
5 79° -3° 82°	6 75° -8° 83°	7 84° +1° 83°	8 89° +6° 83°	9 89° +6° 83°	10 78° -6° 84°	11 83° -1° 84°
12 88° +4° 84°	13 92° +7° 85°	14 87° +2° 85°	15 84° -1° 85°	16 83° -2° 85°	17 97° +11° 86°	18 82° -4° 86°
19 77° -9° 86°	20 79° -8° 87°	21 82° -5° 87°	22 86° -1° 87°	23 72° -15° 87°	24 78° -10° 88°	25 83° -5° 88°
26 86° -2° 88°	27 92° +4° 88°	28 78° -10° 88°	29 83° -6° 89°	30 89° 0° 89°		

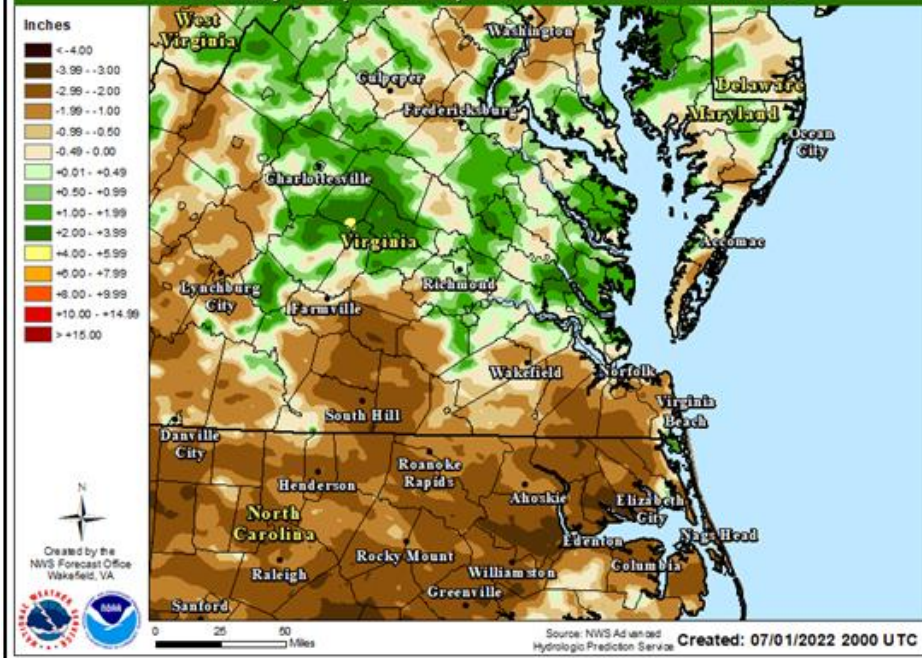
NWS Wakefield - Norfolk

Regional Precipitation Maps

Total Monthly Precipitation - June 2022



Total Monthly Precipitation Departure From Normal - June 2022



Total Precipitation for the month is shown in the map on the left. **Departures** from the 30-year normals (1991-2020) are shown on the map on the right.

Daily Records for Long Term Climate Sites (June):

Norfolk, VA Records (Period of Record 149 yrs./1874-2022)

**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 Daily Records (Period of Record 126 yrs./1897-2022)

**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 Daily Records (Period of Record 116 yrs./1907-2022)

**tie*

Record Highs: none set.

Record Low Maximums: none set.

Record Lows: none set.

Record High Minimums: none set.

Daily Precipitation: 2.58" (14th).

Elizabeth City, NC Daily Records (Period of Record 89 yrs./1934-2022)

**tie*

Record Highs: *96 (17th).

Record Low Maximums: none set.

Record Lows: 53 (20th).

Record High Minimums: none set.

Daily Precipitation: none set.