



MIAMI-SOUTH FLORIDA

National Weather Service

Forecast Office

<http://www.weather.gov/miami>

Summer 2025 Weather Summary

**Another Warmer than Normal Summer, But Not as Hot as
2023 or 2024**

Drier Than Normal East, Near Normal West

September 2nd, 2025: With meteorological summer (June-August) behind us, let's take a look at the observed summer temperatures and precipitation across South Florida.

South Florida's summer weather pattern featured little in the way of major weather features as subtropical high pressure over the western Atlantic remained fairly stable through the summer. This pattern favored a mainly easterly wind flow across South Florida. A pattern change to westerly winds took place during the last week of August as a result of low pressure and stationary frontal systems over the northern Florida peninsula and western Atlantic.

The predominant easterly winds for most of the summer resulted in the majority of the daily showers and thunderstorms to concentrate over the western half of the South Florida peninsula, leaving most of Southeast Florida drier than normal. This trend is reflected in the observed rainfall values observed across the area (Figure 1) ranging from 4 to 8 inches below normal over most of SE Florida, and within 1 inch of the summer normal over most of SW Florida. Extremes were noted in Palm Beach Gardens (over 11 inches below normal) and Marco Island (over 6 inches above normal).

The relatively low rainfall values over SE Florida placed several sites among the top 10 driest on record

2025 SFWMD Wet Season

— 6/1/2025 to 9/1/2025 —

Rainfall, Percent of Normal (shaded), and Departures

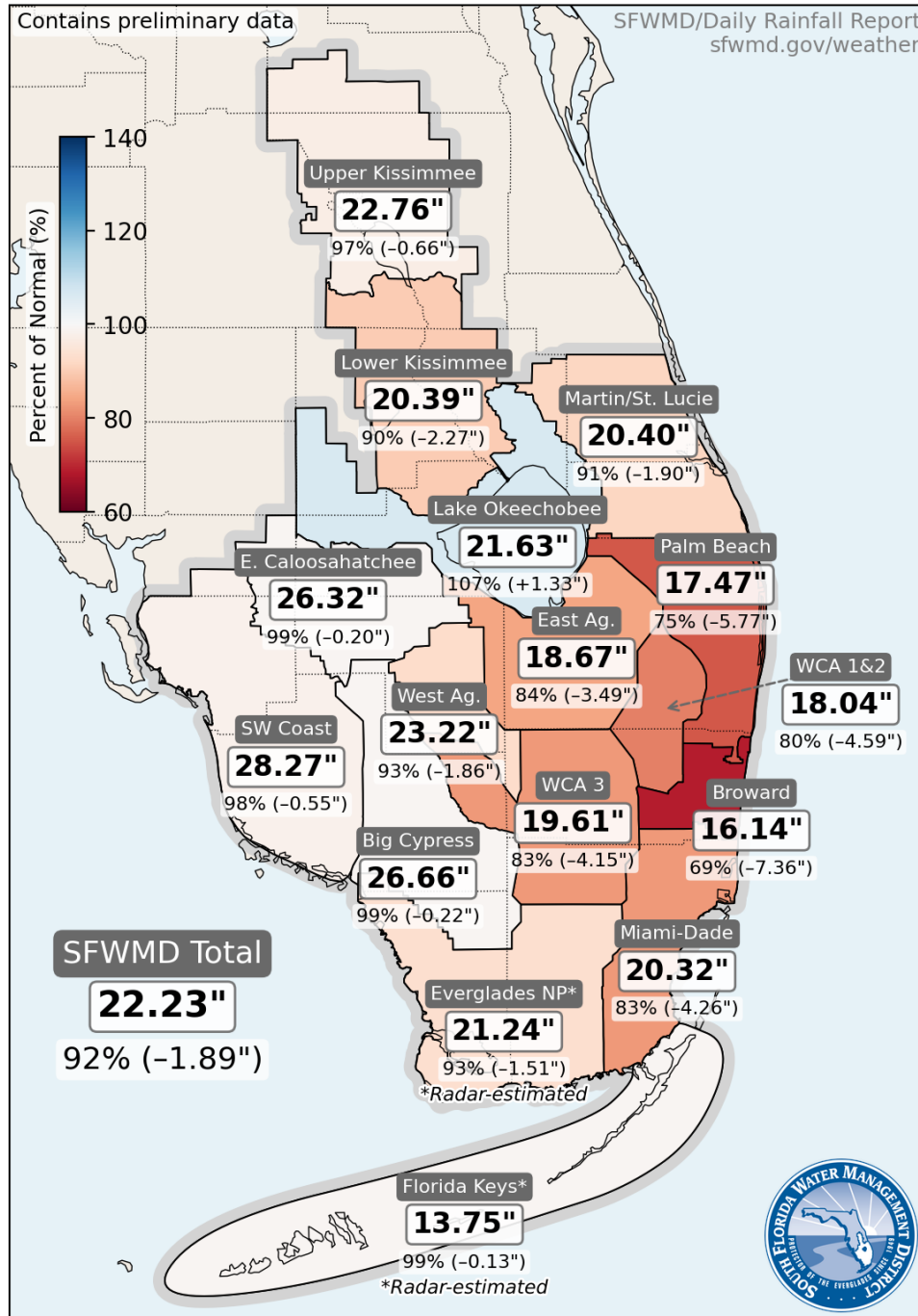


Figure 1: Summer 2025 rainfall and departure from normal courtesy of South Florida Water Management District

Below is a table of summer rainfall and departure from normal for official reporting sites across South Florida (arranged in order of highest to lowest totals):

Location (beginning of period of record)	Summer 2025 Rainfall (inches)	Departure from Normal	Top 20 Rank
Marco Island (2002)	30.73	+6.61	5 th wettest since 2002
Naples Municipal Airport	27.50	3.43	
Homestead General Airport	24.86	-1.79	
Devils Garden	24.38	-1.56	
Moore Haven	23.41	-0.34	
Miami International Airport	23.21	-4.24	
Muse	22.47	-5.55	
NWS Miami – FIU (1999)	22.31	-7.57	3 rd driest
Hialeah (1941)	21.40	-7.95	19 th driest
Hollywood	19.88	-3.16	
Palm Beach International Airport	18.17	-4.62	
Greenacres/Lake Worth	17.65		
Opa Locka Airport (1998)	17.09	-8.34	5 th driest
Pompano Airpark	16.59	-3.02	
Cape Florida	16.22	-3.84	
Palm Beach Gardens (2003)	13.50	-11.23	Driest on record

Temperatures

As has been the trend for well over a decade, temperatures averaged above normal, ranking near or in the top 10 warmest on record. However, except for West Palm Beach, this summer's temperatures were not as high as either of the previous 2 summers (2023 and 2024).

Summer 2025 temperature summaries for the 4 main climate sites are below:

- ***Miami International Airport*** had an average summer temperature of 84.3 degrees Fahrenheit. This is 0.6 degrees above the 30-year normal and ties the 11th warmest summer on record. Miami observed 70 days of temperatures at or above 90 degrees

this summer, which is above the normal total of 64 days. The highest temperature was 97 degrees on August 20th, and the lowest was 72 degrees on June 2nd and 3rd. A total of 4 daily high minimum temperature records were tied or broken, and 2 daily high temperature records were tied or broken. A daily record low maximum temperature was tied on June 10th.

- **Fort Lauderdale/Hollywood International Airport** had an average summer temperature of 84.0 degrees Fahrenheit. This is 0.6 degrees above the 30-year normal, and ties the 10th warmest summer on record. Fort Lauderdale observed 58 days of temperatures at or above 90 degrees, which is above the normal total of 49 days. The highest temperature was 95 degrees on August 20th, and the lowest was 72 degrees on June 2nd and June 25th. A total of 7 daily high minimum temperature records were tied or broken.

- **Palm Beach International Airport** had an average summer temperature of 84.5 degrees Fahrenheit. This is 1.9 degrees above the 30-year normal and is the 4th warmest summer on record. West Palm Beach observed 79 days of temperatures at or above 90 degrees, which is well above the normal total of 55 days. The highest temperature was 96 degrees on August 21st, August 26th and August 31st. The lowest temperature was 71 degrees on June 1st. A total of 8 daily high minimum temperature records were tied or broken, and 5 daily high temperature records were tied or broken.

- **Naples Municipal Airport** had an average summer temperature of 83.9 degrees Fahrenheit. This is 1.0 degrees above the 30-year normal and is the 7th warmest summer on record. Naples observed 76 days of temperatures at or above 90 degrees, which is above the normal total of 64 days. The highest temperature was 98 degrees on July 27th. The lowest was 70 degrees on June 3rd and June 22nd. A total of 5 daily high minimum temperature records were tied or broken, and 1 daily high temperature records was broken. A daily record low maximum temperature was broken on June 4th.

Heat advisories were issued for the following number of days per county this summer:

Miami-Dade: 11 (40 at this time in 2024)

Broward: 11 (39 at this time in 2024)

Palm Beach: 10 (29 at this time in 2024)

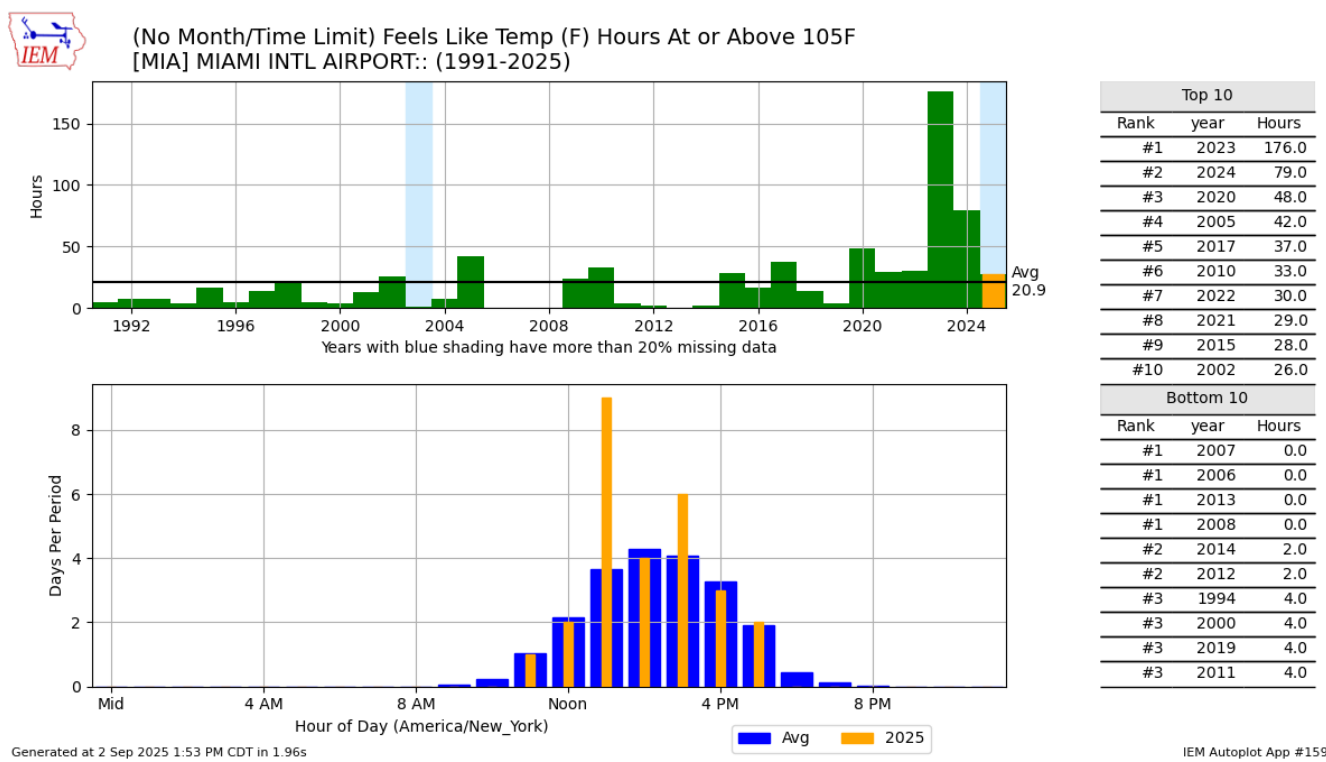
Collier: 9 (29 at this time in 2024)

Hendry: 9 (19 at this time in 2024)

Glades: 9 (19 at this time in 2024)

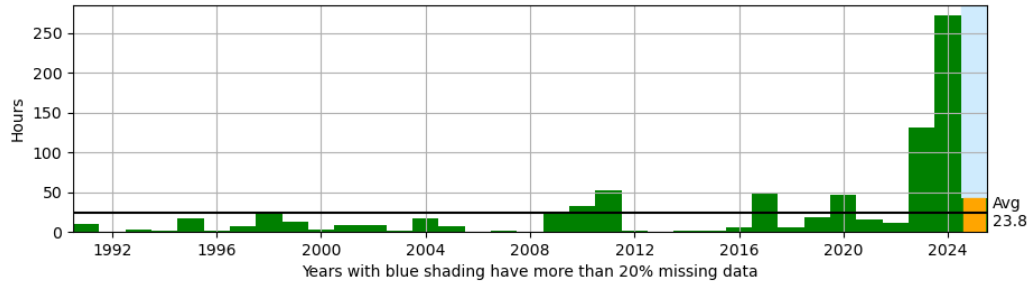
No Excessive Heat Warnings were issued.

Below are graphs (Figures 2-7) courtesy of [IEM](#) showing the number of hours with heat index values at or above 105F at several airport locations (2025 values on the top graph at the far right in orange):

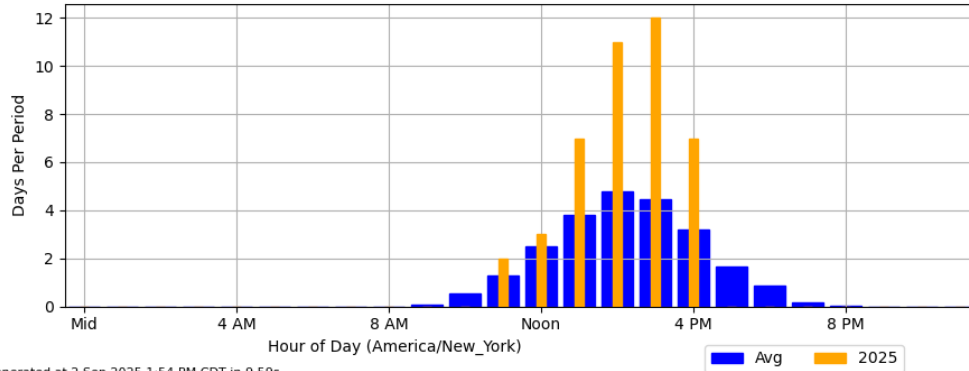




(No Month/Time Limit) Feels Like Temp (F) Hours At or Above 105F
[PBI] WEST PALM BEACH:: (1991-2025)



Top 10		
Rank	year	Hours
#1	2024	272.0
#2	2023	131.0
#3	2011	52.0
#4	2017	49.0
#5	2020	46.0
#6	2010	32.0
#7	2009	26.0
#8	1998	24.0
#9	2019	19.0
#10	1995	17.0

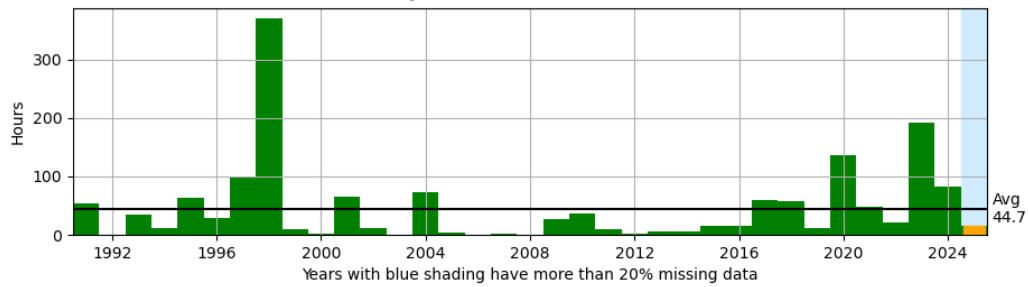


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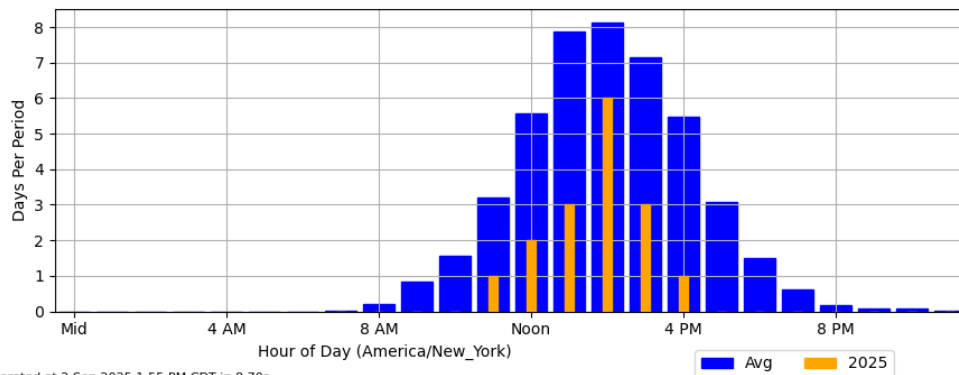
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(No Month/Time Limit) Feels Like Temp (F) Hours At or Above 105F
[FLL] Fort Lauderdale - Hollywood:: (1991-2025)



Top 10		
Rank	year	Hours
#1	1998	370.0
#2	2023	191.0
#3	2020	137.0
#4	1997	100.0
#5	2024	83.0
#6	2004	73.0
#7	2001	65.0
#8	1995	64.0
#9	2017	59.0
#10	2018	58.0



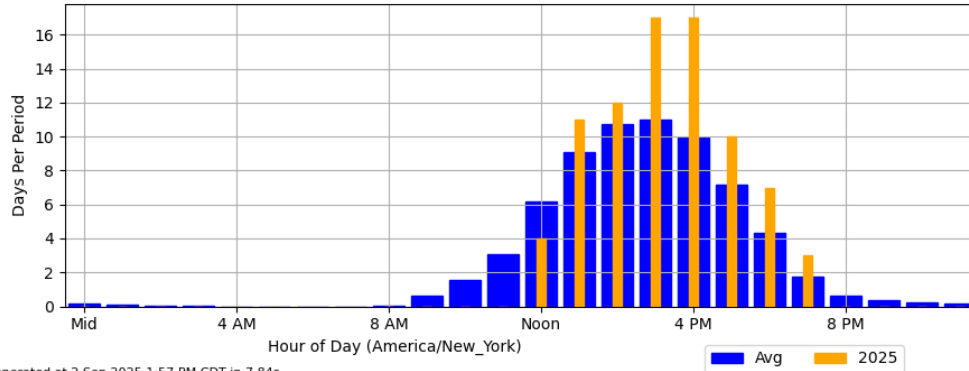
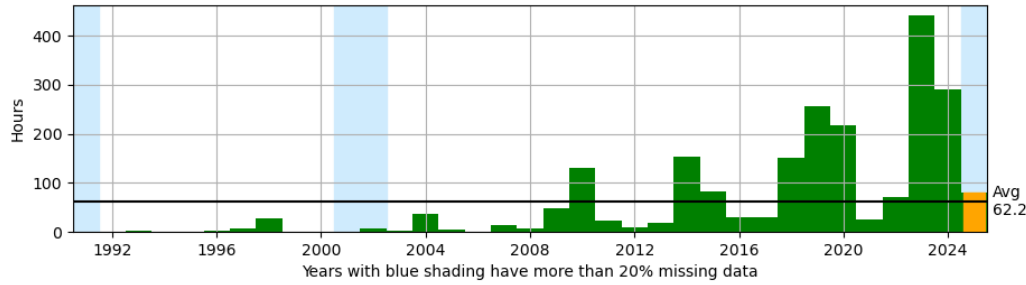
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Bottom 10		
Rank	year	Hours
#1	1992	0.0
#1	2006	0.0
#1	2003	0.0
#1	2008	0.0
#2	2007	1.0
#2	2012	1.0
#2	2000	1.0
#3	2005	4.0
#4	2013	5.0
#4	2014	5.0



(No Month/Time Limit) Feels Like Temp (F) Hours At or Above 105F
[APF] NAPLES MUNICIPAL:: (1991-2025)



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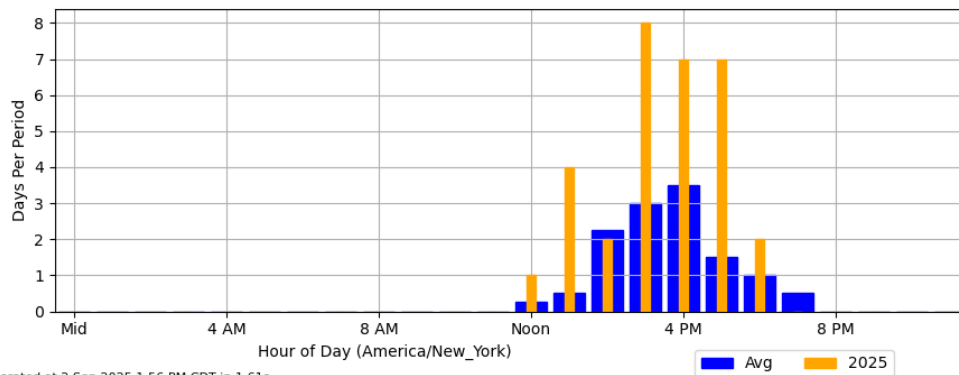
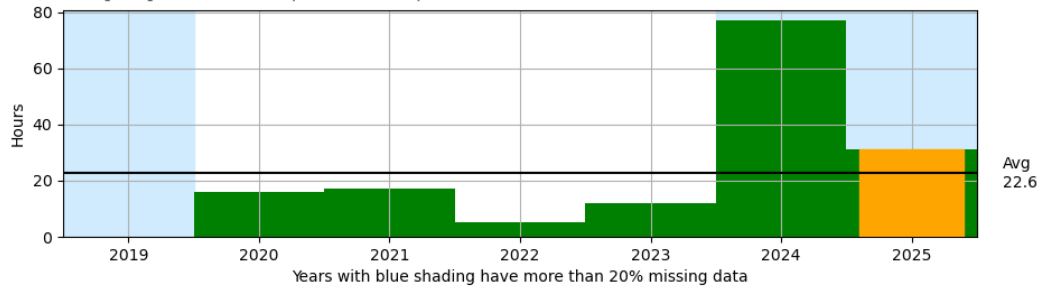
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Top 10		
Rank	year	Hours
#1	2023	441.0
#2	2024	291.0
#3	2019	256.0
#4	2020	217.0
#5	2014	154.0
#6	2018	152.0
#7	2010	130.0
#8	2015	82.0
#9	2022	70.0
#10	2009	49.0

Bottom 10		
Rank	year	Hours
#1	1992	0.0
#1	1995	0.0
#1	1999	0.0
#2	1994	1.0
#2	2006	1.0
#2	2000	1.0
#3	1993	3.0
#3	1996	3.0
#3	2003	3.0
#4	2005	5.0



(No Month/Time Limit) Feels Like Temp (F) Hours At or Above 105F
[2IS] Clewiston:: (2019-2025)



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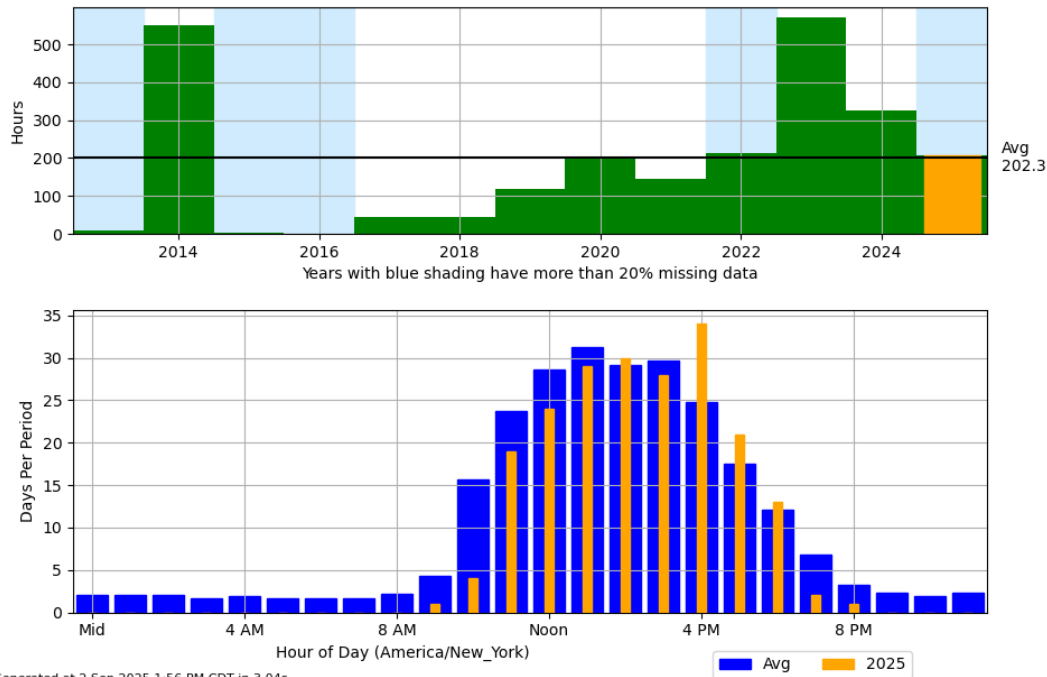
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Top 10		
Rank	year	Hours
#1	2021	17.0
#2	2020	16.0
#3	2023	12.0
#4	2022	5.0

Bottom 10		
Rank	year	Hours
#1	2022	5.0
#2	2023	12.0
#3	2020	16.0
#4	2021	17.0



(No Month/Time Limit) Feels Like Temp (F) Hours At or Above 105F
[IMM] Immokalee Auxiliary:: (2013-2025)



Top 10		
Rank	year	Hours
#1	2023	571.0
#2	2014	550.0
#3	2024	325.0
#4	2020	202.0
#5	2021	144.0
#6	2019	117.0
#7	2017	45.0
#8	2018	43.0
Bottom 10		
Rank	year	Hours
#1	2018	43.0
#2	2017	45.0
#3	2019	117.0
#4	2021	144.0
#5	2020	202.0
#6	2024	325.0
#7	2014	550.0
#8	2023	571.0

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Fall 2025 Outlook (September to November)

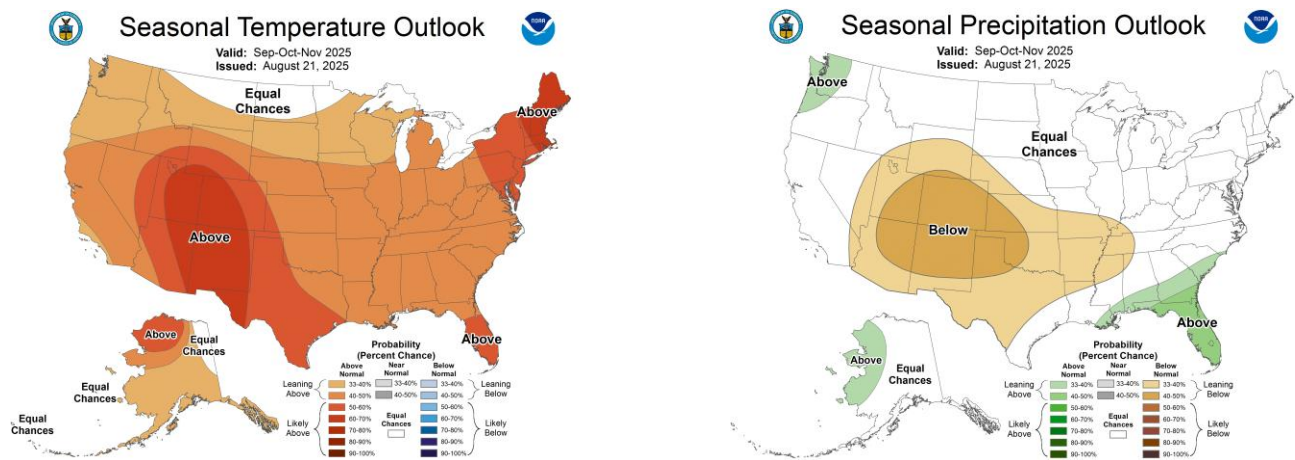
Latest outlooks by the [NOAA Climate Prediction Center](#) (CPC, Figures 8 and 9) are indicating the likelihood (50-60%) of above normal temperatures, and leaning (40-50%) towards above normal precipitation for the September to November period. This is the period in which South Florida transitions from the wet season to the dry season, with the rainy season ending on October 15th. Predicting this transition period well in advance is quite difficult, with some years experiencing a quick transition of only a few days while others going through a gradual transition spanning a few weeks. These transition periods can be largely influenced by tropical systems during what is typically the most active part of hurricane season.

September and October represent the two most hurricane prone months for South Florida. Therefore, it is important that we continue to keep a close eye on the tropics and make sure that our personal hurricane plans remain in place through the end of the season in November.

Those looking for relief from the summer-long heat and humidity typically have to wait until early or mid-October for the first noticeable cold front to bring cooler and less humid air into the region, with more substantial lowering of temperatures into the 50s

not normally observed until late October or November. This means that summer-like heat and humidity often linger well into October. Those taking part in outdoor activities should stay hydrated and avoid prolonged exposure especially during the late morning through mid-afternoon time frame.

For the latest south Florida weather information, including the latest watches, advisories and warnings, please visit the National Weather Service Miami Forecast Office's web site at weather.gov/southflorida.



Figures 8 and 9: September-November temperature probability (left) and precipitation probability (right) from NOAA's Climate Prediction Center (CPC).