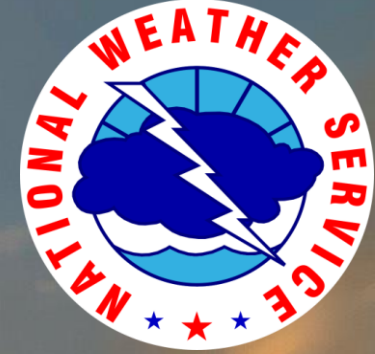




# NWS Houston, Texas July 2021 Regional Climate Summary



**Produced by Jimmy Fowler**

## *...Much Wetter than Normal Condition...*

*Generally between two and eight inches of rain fell across the area through the month of July with the most rain falling across the southwestern areas around Matagorda Bay which received over a foot of rain. Palacios received their third wettest July on record with 13.6" of rain, and Huntsville had their wettest July since 1997 with 7.14". The continued wet and cloudy conditions led to a month with either near average or below average temperatures.*

Photo Credit:  
NWS HGX Meteorologist  
Jimmy Fowler

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# By the Numbers: July 2021



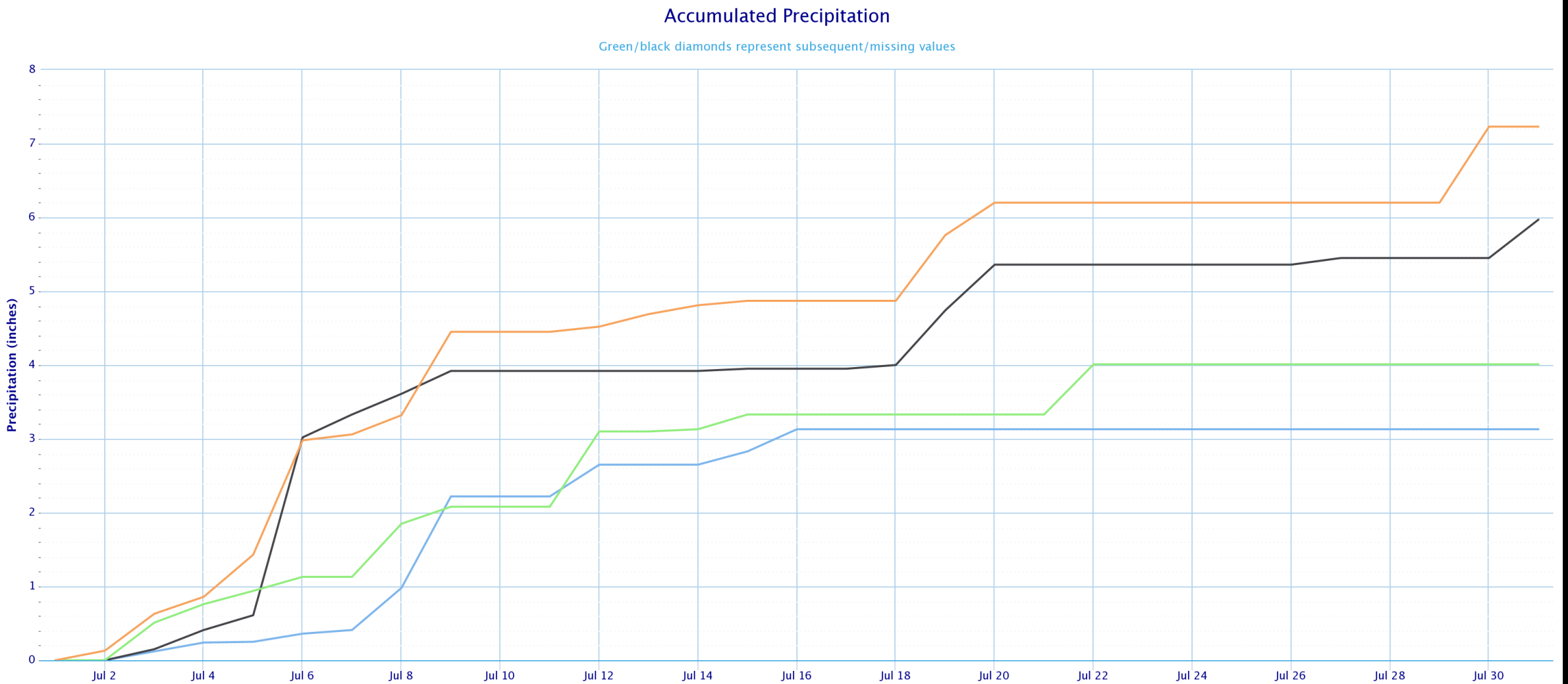
Location (records started)	Average Temp	Ranking	Total Rainfall	Ranking
City of Houston, TX (1888)	84.0°F	55 <sup>th</sup> Warmest	3.13"	61 <sup>st</sup> Driest
Houston Hobby, TX (1930)	85.4°F	12 <sup>th</sup> Warmest	7.23"	21 <sup>th</sup> Wettest
City of Galveston, TX (1871)	85.0°F	20 <sup>th</sup> Warmest	5.97"	29 <sup>th</sup> Wettest
City of College Station, TX (1882)	83.4°F	88 <sup>th</sup> Warmest	4.01"	25 <sup>th</sup> Wettest
Conroe, TX (1997)	81.6°F	5 <sup>th</sup> Coolest	3.72"	8 <sup>th</sup> Wettest
Huntsville, TX (1997)	84.1°F	13 <sup>th</sup> Coolest	7.14"	Wettest on Record
Sugar Land, TX (2000)	84.8°F	8 <sup>th</sup> Warmest	4.96"	8 <sup>th</sup> Wettest
Palacios, TX (1943)	83.1°F	18 <sup>th</sup> Coolest	13.60"	3 <sup>rd</sup> Wettest
Clover Field (Pearland), TX (1997)	83.9°F	12 <sup>th</sup> Coolest	6.47"	6 <sup>th</sup> Wettest
David Wayne Hooks (Tomball), TX (1998)	83.0°F	10 <sup>th</sup> Coolest	7.51"	4 <sup>th</sup> Wettest
Angleton, TX (1998)	82.7°F	12 <sup>th</sup> Coolest	8.56"	4 <sup>th</sup> Wettest
League City, TX (1990)	83.6°F	10 <sup>th</sup> Warmest	9.06"	4 <sup>th</sup> Wettest



# Precipitation

Location	Total Precipitation (in.)	Departure from Normal (in.)	Number of Thunder Days	Maximum Daily Precipitation (in./date)	
Galveston (GLS)	5.97	+2.56	12	2.41	6 <sup>th</sup>
Houston Hobby (HOU)	7.23	+2.64	15	1.55	6 <sup>th</sup>
City of Houston (IAH)	3.13	-0.64	14	1.24	9 <sup>th</sup>
College Station (CLL)	4.01	+2.03	13	1.02	12 <sup>th</sup>

# Precipitation Accumulation Graph



City of Houston

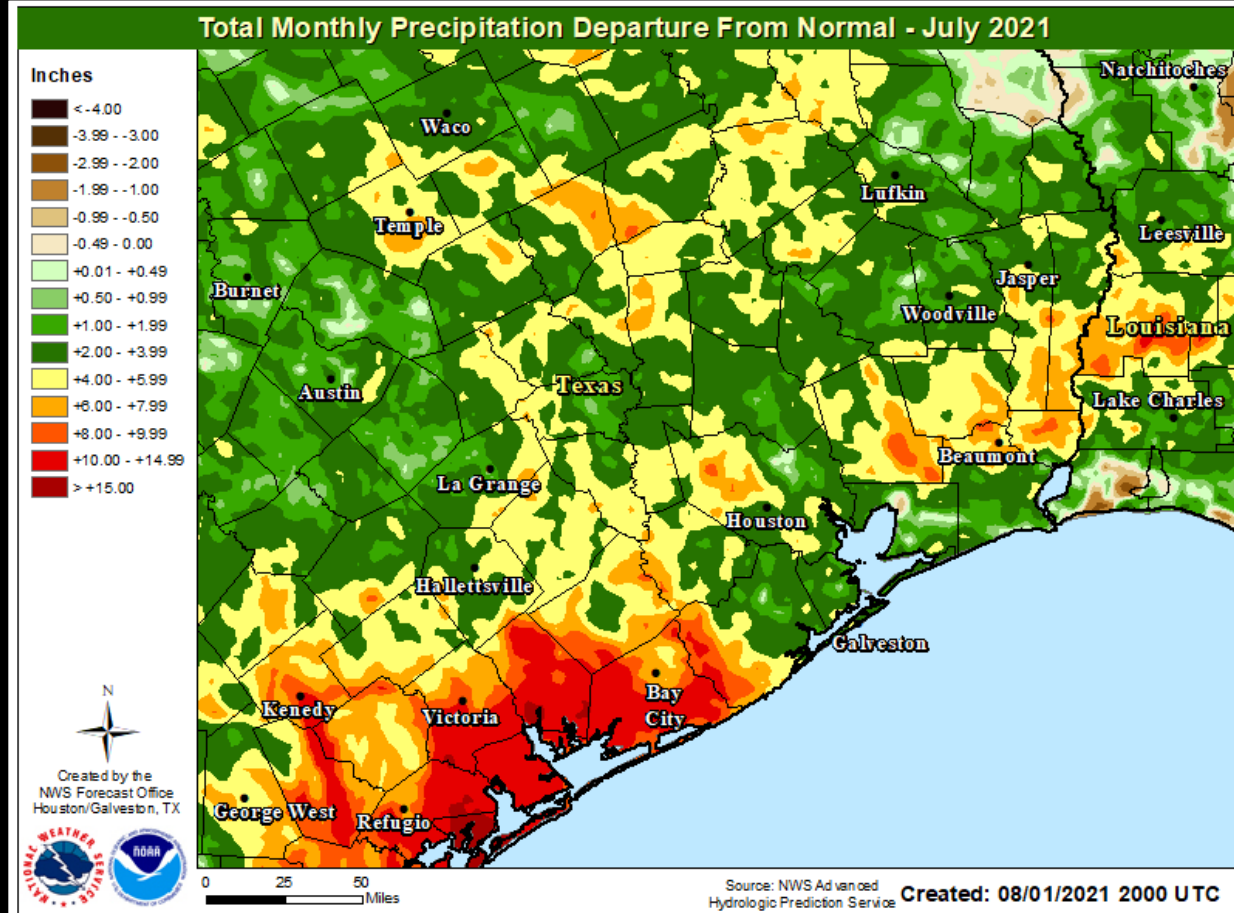
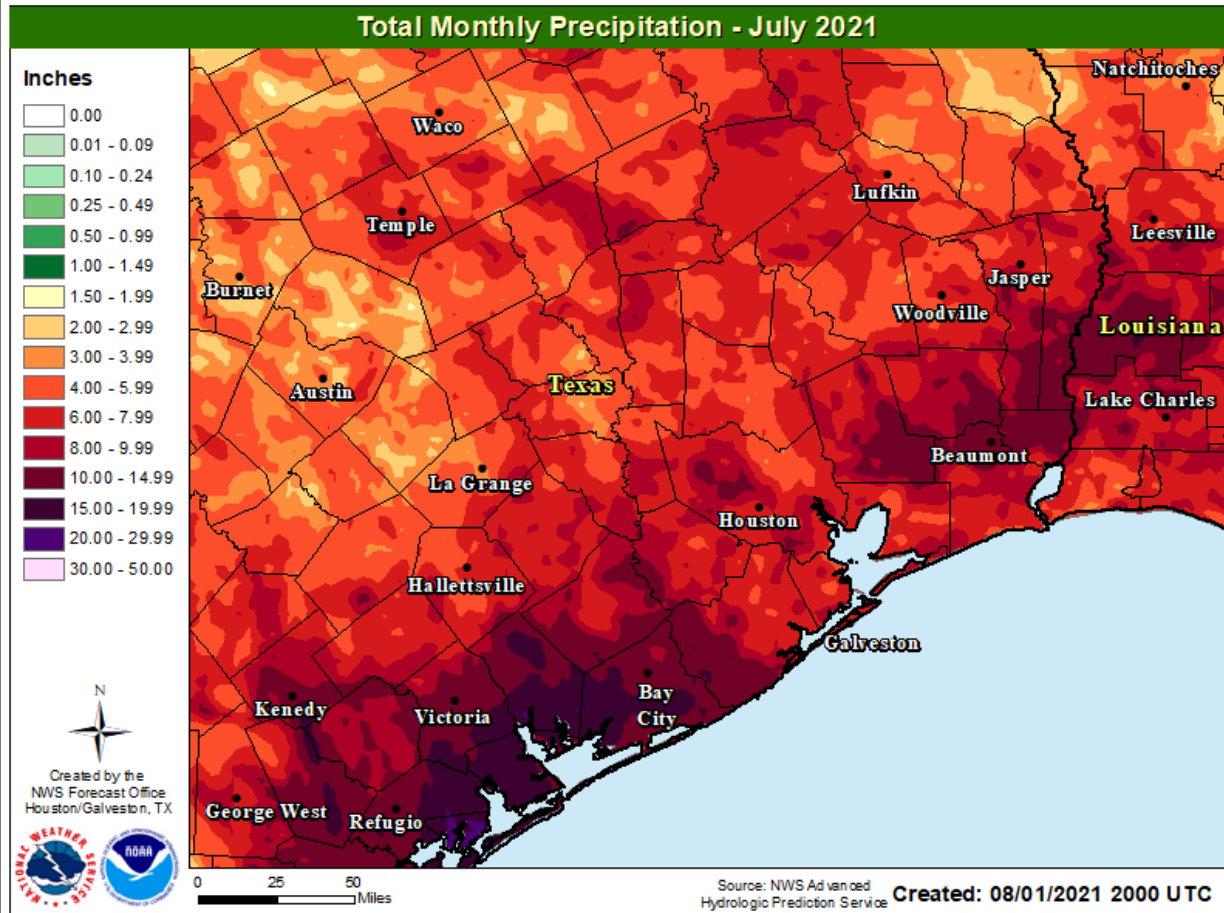
City of Galveston

City of College Station

Houston-Hobby



# Precipitation Maps

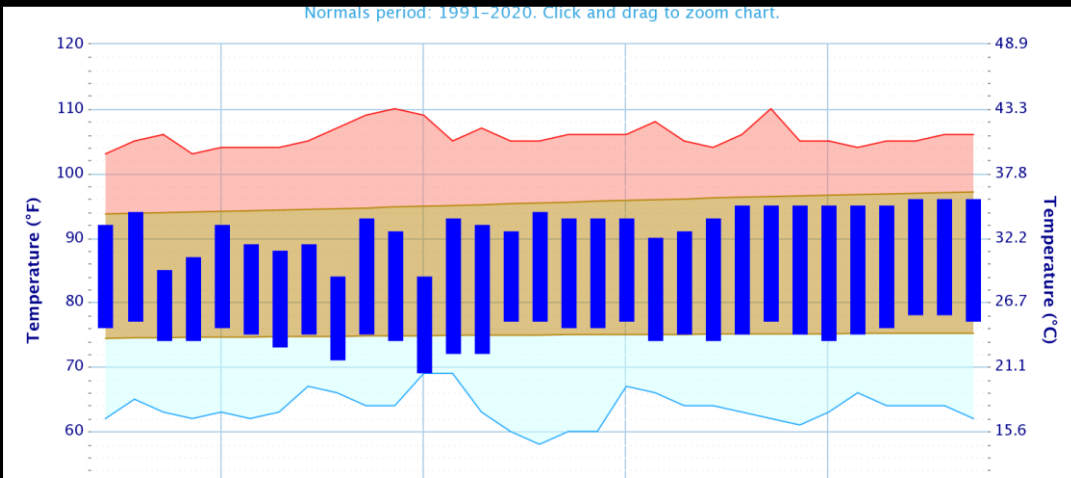


# Temperature

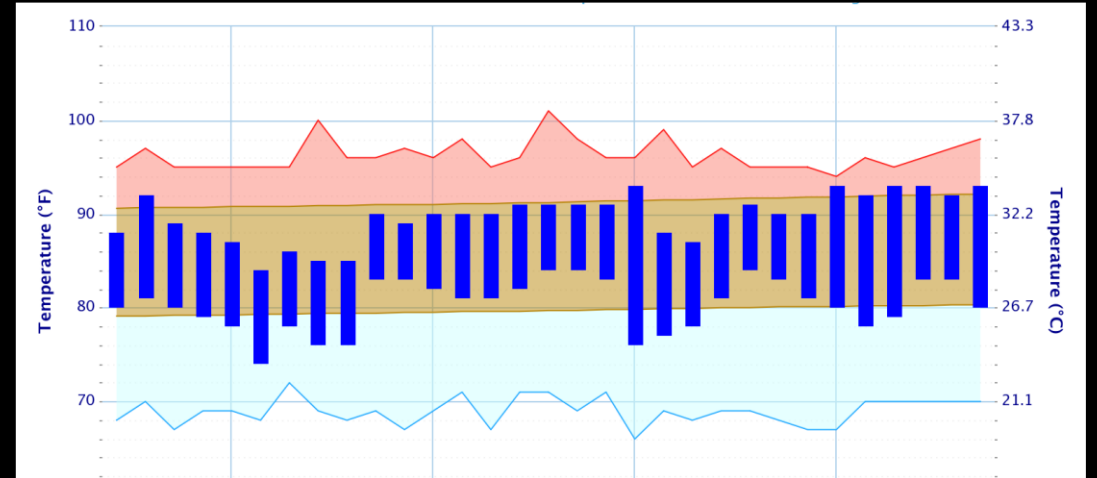
Location	Average High Temp (F)	Average Low Temp (F)	Average Temp (F)	Normal Average Temp (F)	Departure From Normal Average (F)	Maximum Temperature (F)	Minimum Temperature (F)
Galveston (GLS)	89.7	80.3	85.0	85.5	<b>+0.5</b>	93 on the 31 <sup>st</sup> , 29 <sup>th</sup> , & 28 <sup>th</sup>	74 on the 6 <sup>th</sup>
Houston Hobby (HOU)	92.9	77.8	85.4	84.8	<b>+0.6</b>	98 on the 26 <sup>th</sup>	73 on the 9 <sup>th</sup>
City of Houston (IAH)	92.7	75.3	84.0	85.1	<b>-1.3</b>	99 on the 26 <sup>th</sup>	70 on the 9 <sup>th</sup>
College Station (CLL)	91.9	75.0	83.4	85.1	<b>-1.7</b>	96 on the 29 <sup>th</sup> , 30 <sup>th</sup> & 31 <sup>st</sup>	69 on the 12 <sup>th</sup>

# Temperature Charts

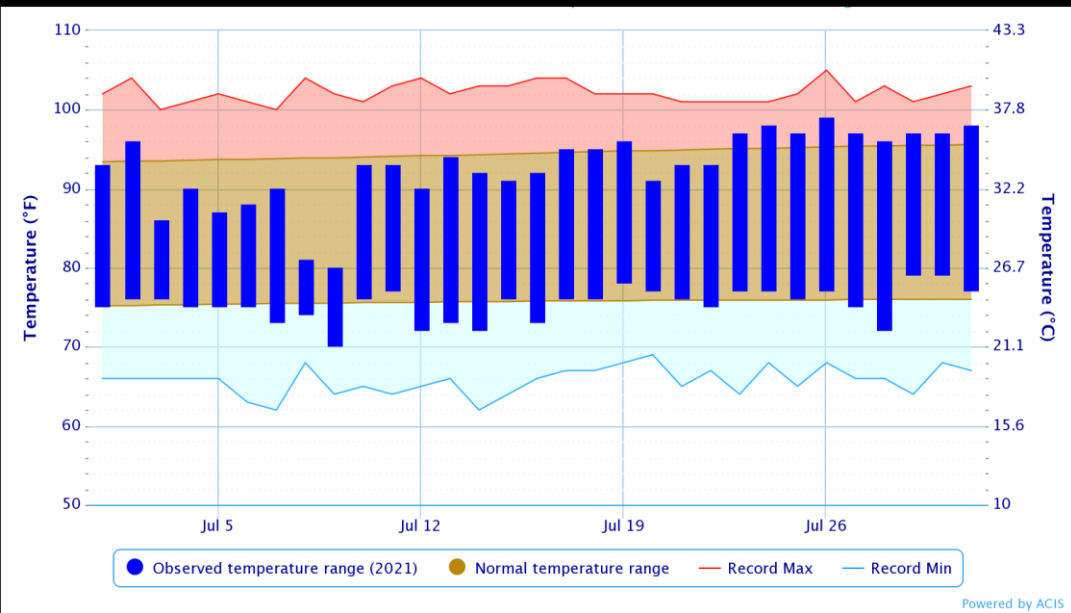
### City of College Station



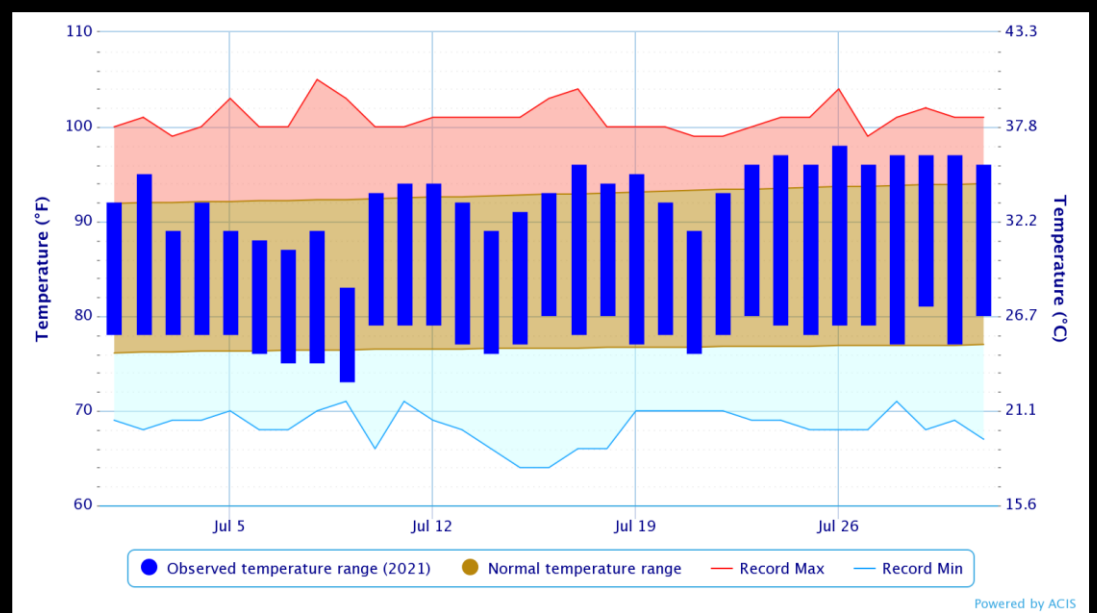
### City of Galveston



### City of Houston



### Houston-Hobby

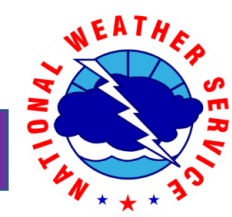




# Daily Record Reports

Site	Date	Record Type	New Record	Previous Record
City of College Station	July 12 <sup>th</sup>	Low Minimum Temp	67° - T	67° in 1927
City of Houston	July 8 <sup>th</sup>	Low Maximum Temp	81° - T	81° in 2010
Houston-Hobby	July 18 <sup>th</sup>	High Minimum Temp	80° - T	80° in 1904
Houston-Hobby	July 23 <sup>rd</sup>	High Minimum Temp	80°	79° in 2019
Houston-Hobby	July 27 <sup>th</sup>	High Minimum Temp	79° - T	79° in 2020
Houston-Hobby	July 29 <sup>th</sup>	High Minimum Temp	81° - T	81° in 2017
City of Galveston	July 5 <sup>th</sup>	Daily Maximum Rainfall	2.41"	2.32" in 2011
City of Galveston	July 10 <sup>th</sup>	High Minimum Temp	83° - T	83° in 2020
City of Galveston	July 17 <sup>th</sup>	High Minimum Temp	84° - T	84° in 2019
City of Galveston	July 24 <sup>th</sup>	High Minimum Temp	83° - T	83° in 2017

There were 10 daily records set during the month of July.



### Key

High Max

Low Max

Precip

Snow

High Min

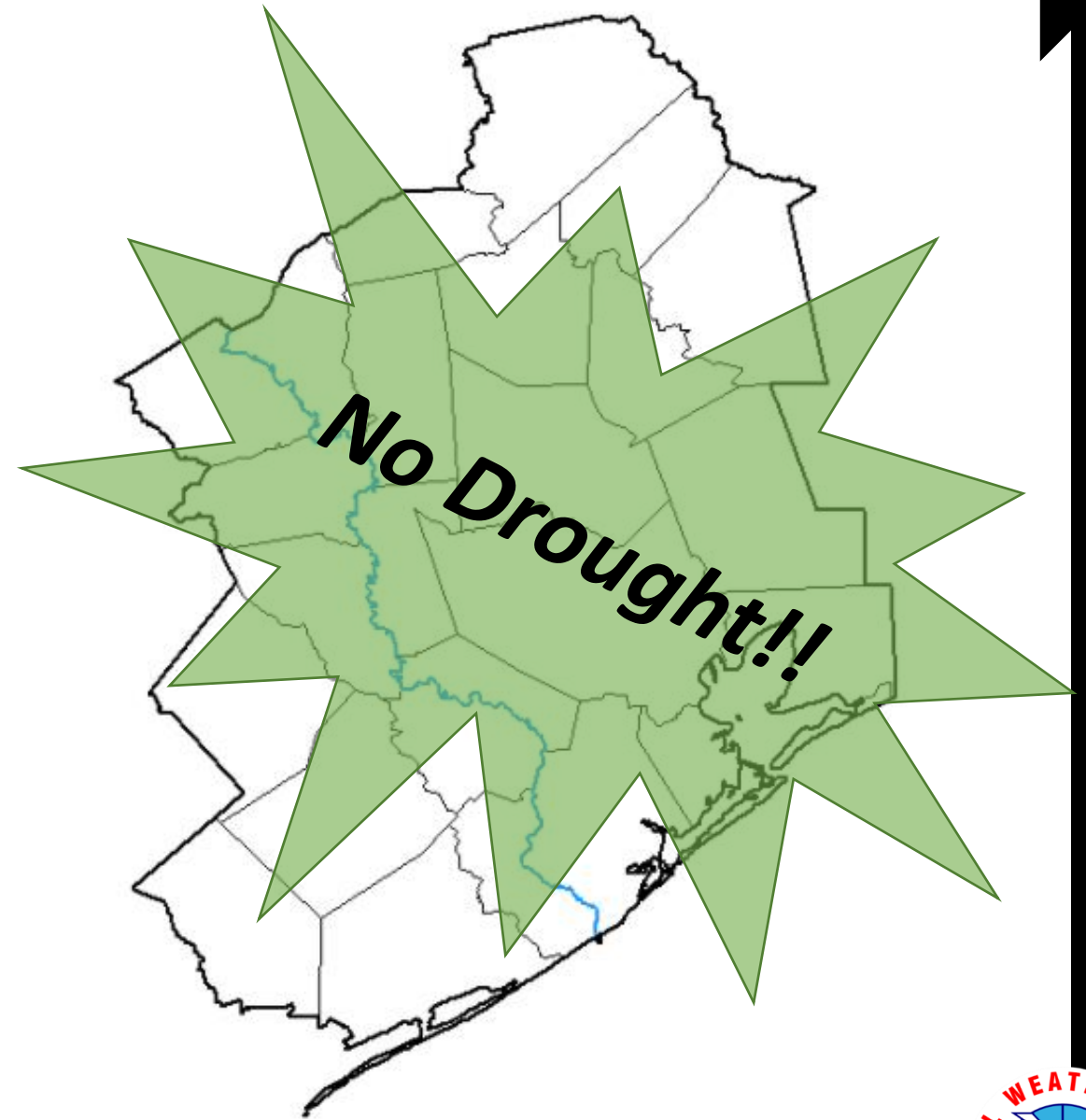
Low Min

# Drought Monitor

## As of June 29<sup>th</sup>

*An abundance of precipitation has completely wiped out drought conditions across the area and no drought is expected to form over the next month.*

via <https://droughtmonitor.unl.edu/>



# Climate Primary Site History

## Galveston (GLS)

*Records for Galveston are from observations at the following locations: 67-69 Strand (April 1, 1871 - Aug 31, 1874); 23rd and the Strand (Sep 1, 1874 - July 29, 1878), 1.75 miles WSW of the previous location; the Custom House at Bath Street and the Strand (July 30, 1878 - May 8, 1882); Colorado and Santa Fe Railroad Building at 25th and the Strand (May 9, 1882 - March 14, 1883); back to the Custom House which later became the Cotton Exchange Building (March 15, 1883 - June 24, 1898), about a 1/3 of a mile E of the previous Custom House location; The Levy Building at 2223 Market Street (June 25, 1898 - Nov 26, 1900); the Trust Building at Tremont and Post Office Streets (Nov 27, 1900 - June 24, 1946), one-quarter mile south of the Levy Building; the U.S. Post Office Building at 601 Rosenberg (June 25, 1946 - 1994); Scholes Field (January 1995 to present).*

## College Station (CLL)

*Records from 1893 through July 1951 are based on observations taken at the Texas Agriculture Experiment COOP Station main farm located 6 miles southwest of College Station. Records from August 1951 through the present are based on observations taken at Easterwood Field. Normal temperatures are calculated from 1981 to 2000 period.*

## City of Houston (IAH)

*Records for the City of Houston are from observations at the following locations: Cotton Station from July 1881 through September 1909, Stewart Building at Preston and Fannin from September 1909 through February 1926, Shell Building at Texas and Fannin from March 1926 through August 1938, Federal Building at Franklin and Fannin from August 1938 through May 1969, Intercontinental Airport from June 1969 to the present .*

## Houston Hobby (HOU)

*Records are based upon observations beginning in August 1931.*

