

NWS Houston, Texas November 2022 Regional Climate Summary

Produced by Jimmy Fowler

...Colder and wetter November led to rapid drought improvements...

Multiple high rainfall events led to the region experiencing a monthly total of five to eight inches of rainfall, which is about one to four inches above normal for the month of November. This rainfall led to not only below normal temperatures for the month, but also widespread drought improvements. Severe Drought (D2) persisted in parts of Colorado and Austin counties, but now no drought is being reported in over half the region.

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By the Numbers: November 2022

Location (records started)	Average Temp	Ranking	Total Rainfall	Ranking
City of Houston, TX (1888)	60.4°F	49 th Coolest	4.97"	37 th Wettest
Houston Hobby, TX (1930)	62.2°F	46 th Coolest	7.21"	14 th Wettest
City of Galveston, TX (1871)	63.3°F	68 th Coolest	8.20"	10 th Wettest
City of College Station, TX (1882)	59.9°F	65 th Coolest	5.16"	27 th Wettest
Palacios, TX (1943)	62.4°F	30 th Coolest	7.05"	7 th Wettest
Huntsville, TX (1997)	59.6°F	8 th Coolest	4.79"	8 th Wettest
Sugar Land, TX (2000)	61.9°F	9 th Coolest	7.58"	4 th Wettest
Conroe, TX (1997)	58.1°F	9 th Coolest	4.09"	12 th Wettest
Clover Field (Pearland), TX (1997)	61.9°F	8 th Coolest	7.07"	4 th Wettest
David Wayne Hooks (Tomball), TX (1998)	61.0°F	12 th Coolest	3.72"	11 th Wettest
Angleton, TX (1998)	61.5°F	8 th Coolest	8.23"	3 rd Wettest
League City, TX (1990)	60.9°F	11 th Coolest	9.78"	3 rd Wettest



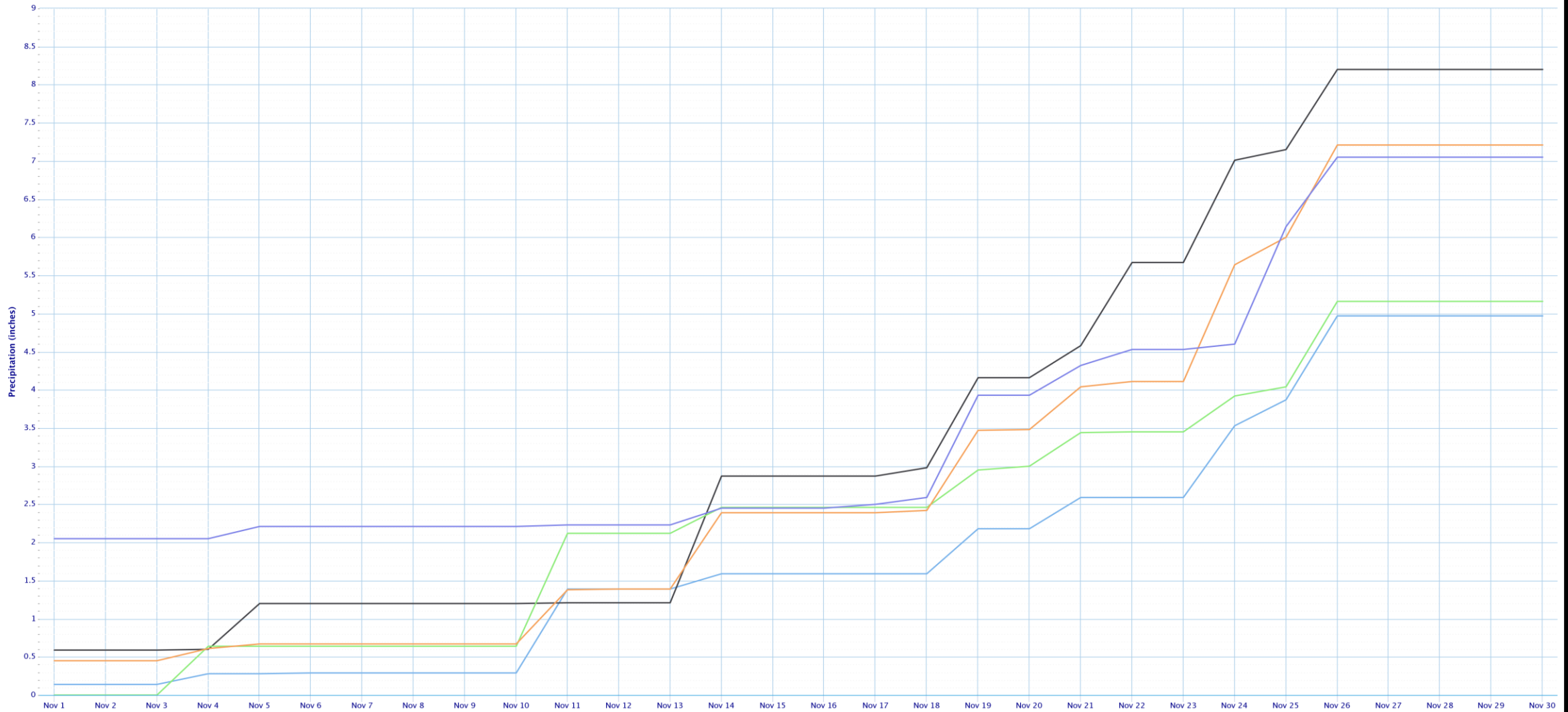
Precipitation

Location	Total Precipitation (in.)	Departure from Normal (in.)	Number of Thunder Days	Maximum Daily Precipitation (in./date)	
Galveston (GLS)	8.20	+3.92	8	1.66	14 th
Houston Hobby (HOU)	7.21	+3.31	7	1.53	24 th
City of Houston (IAH)	4.97	+1.10	7	1.10	11 th & 26 th
College Station (CLL)	5.16	+1.85	4	1.48	11 th
Palacios (PSX)	7.05	+3.66	6	1.54	25 th

Precipitation Accumulation Graph

Accumulated Precipitation

Green/black diamonds represent subsequent/missing values



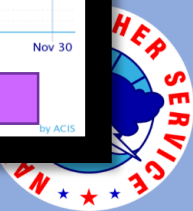
City of Houston

City of Galveston

City of College Station

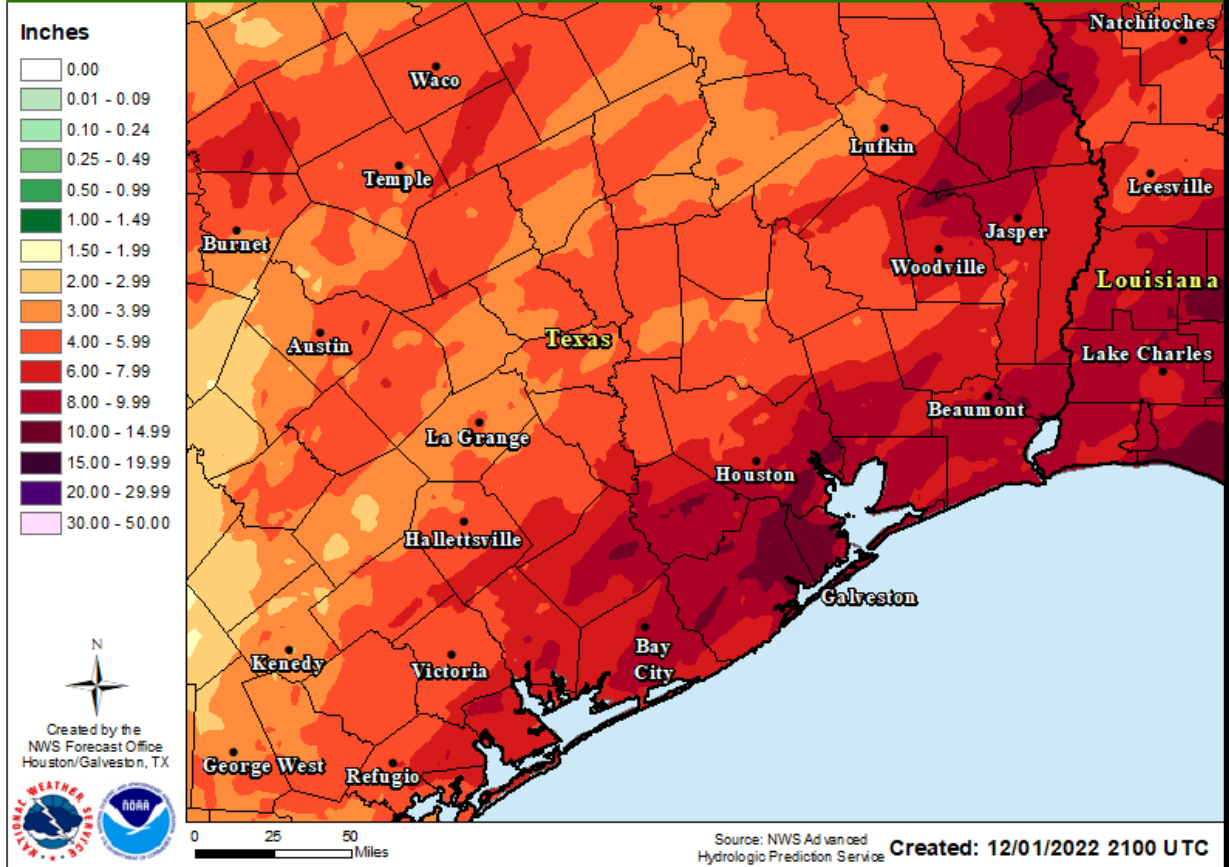
Houston-Hobby

Palacios

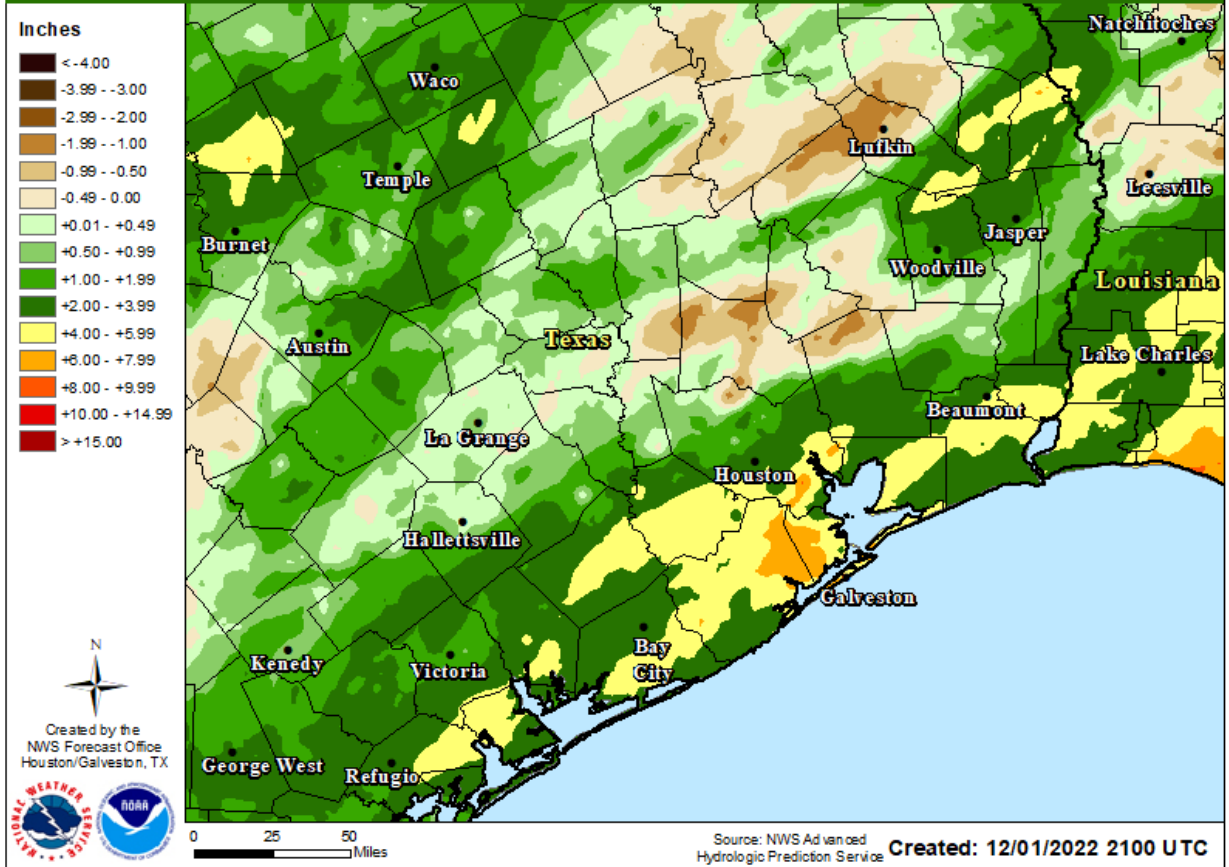


Precipitation Maps

Total Monthly Precipitation - November 2022



Total Monthly Precipitation Departure From Normal - November 2022

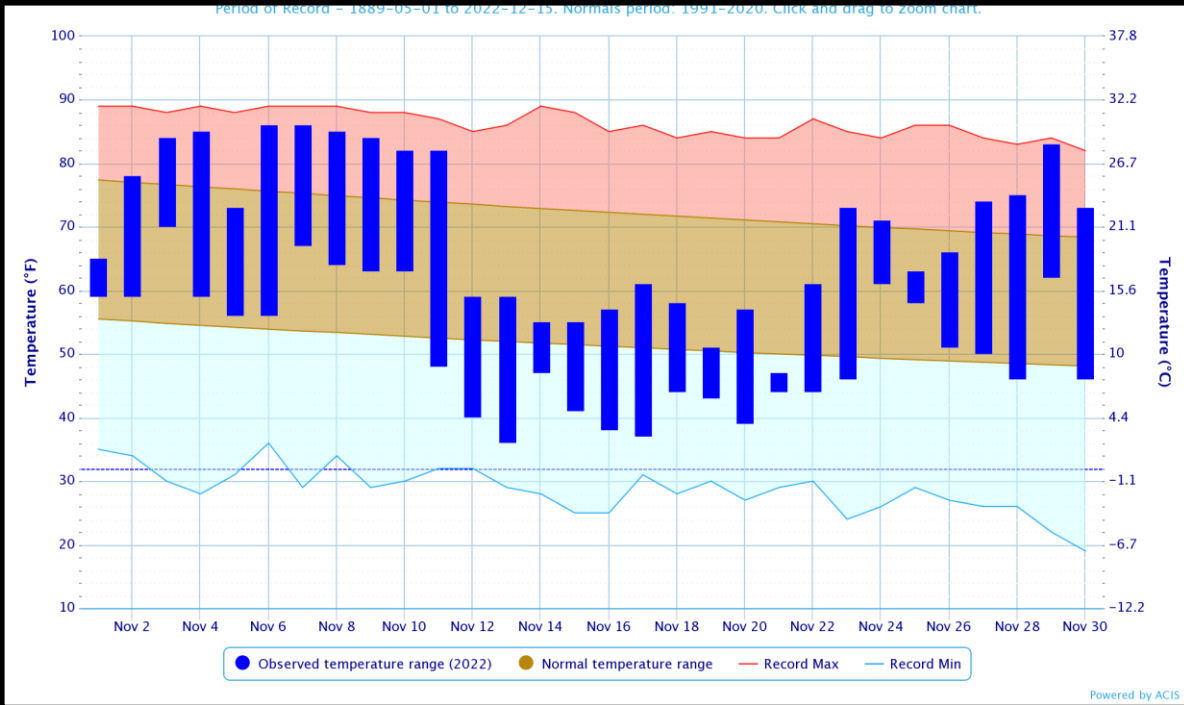


Temperature

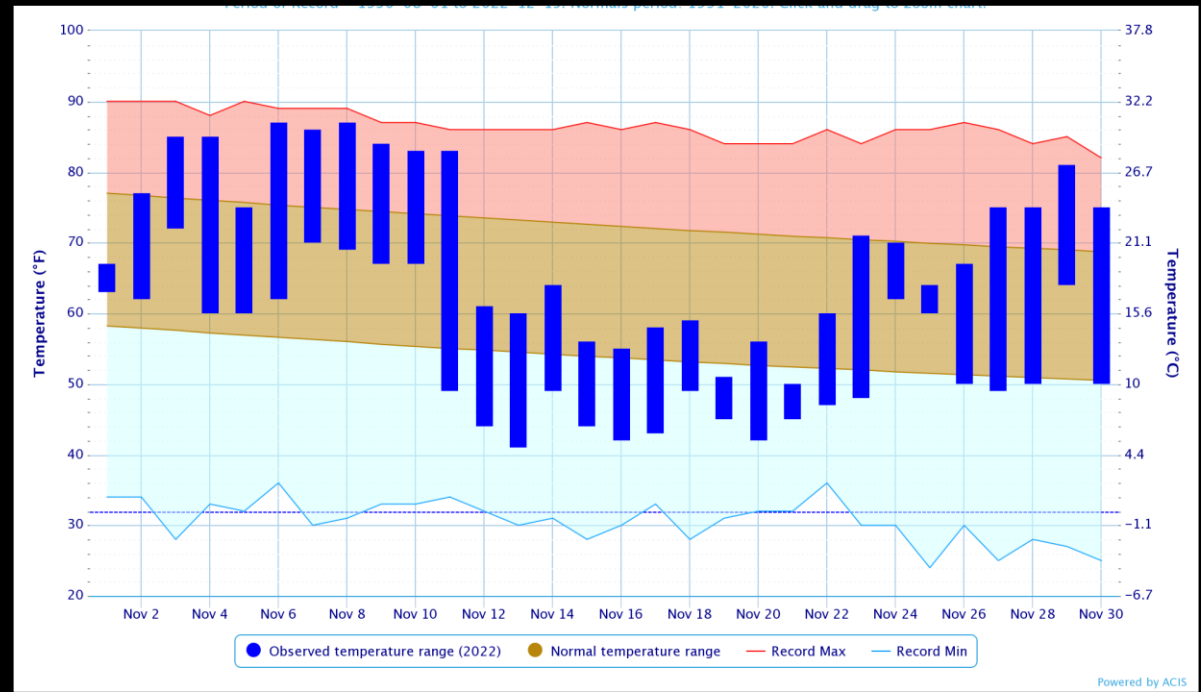
Location	Average High Temp (F)	Average Low Temp (F)	Average Temp (F)	Departure From Normal Average (F)	Maximum Temperature (F)	Minimum Temperature (F)
Galveston (GLS)	69.2	58.0	63.6	-1.9	83 on the 4 th	44 on the 20 th
Houston Hobby (HOU)	70.4	54.0	62.2	-1.1	87 on the 6 th & 8 th	41 on the 13 th
City of Houston (IAH)	70.0	51.2	60.6	-1.4	86 on the 6 th & 7 th	36 on the 13 th
College Station (CLL)	68.8	51.0	59.9	-0.5	87 on the 7 th	35 on the 13 th & 20 th
Palacios (PSX)	70.1	54.6	62.3	-2.3	86 on the 7 th	38 on the 13 th

Temperature Charts

City of Houston

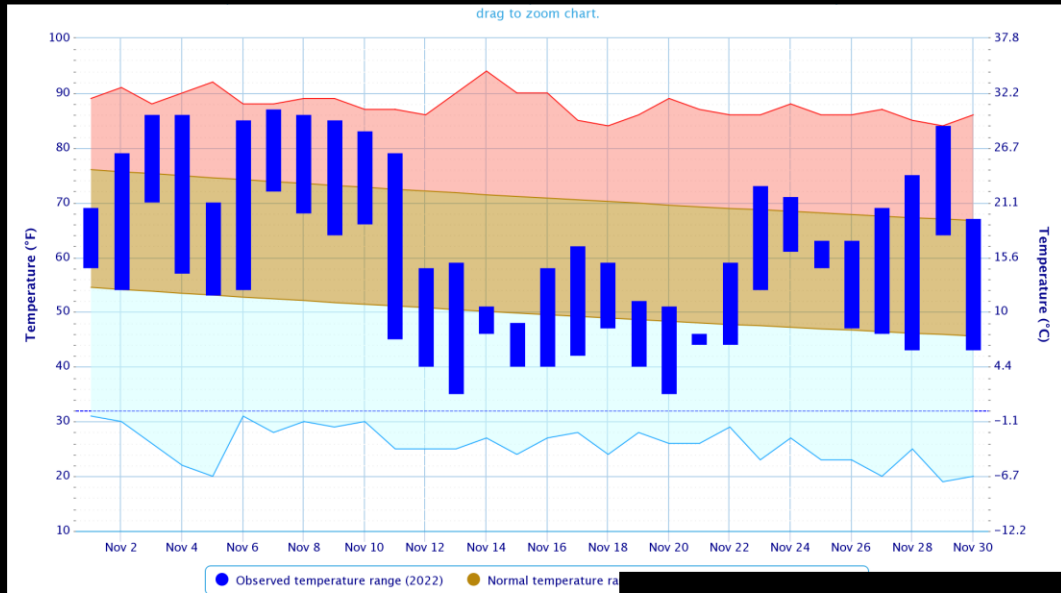


Houston-Hobby

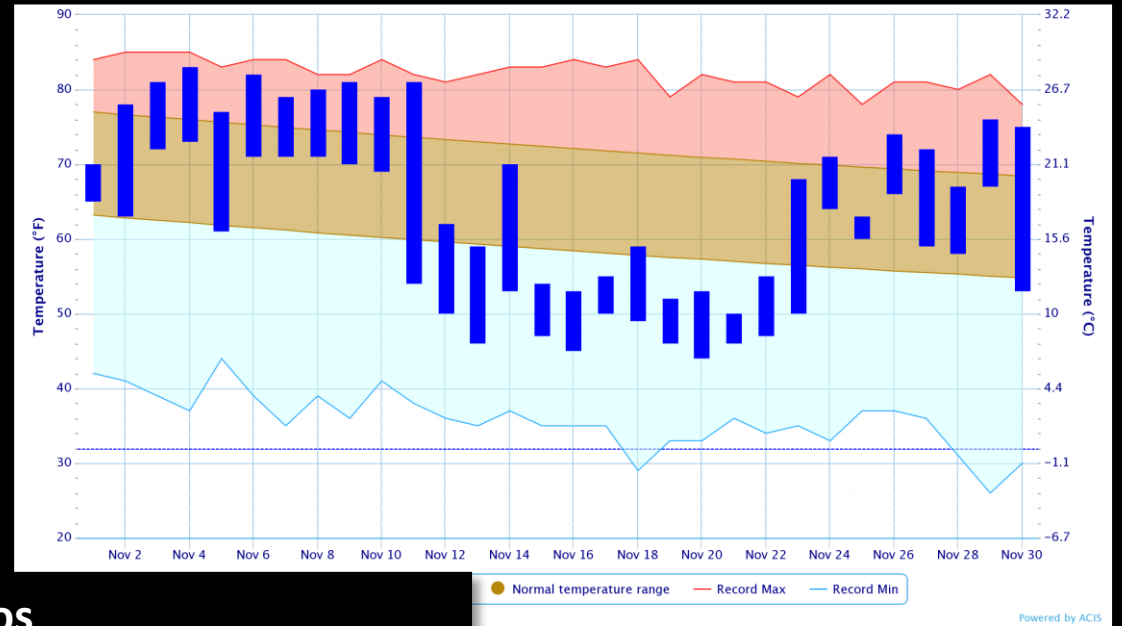


Temperature Charts

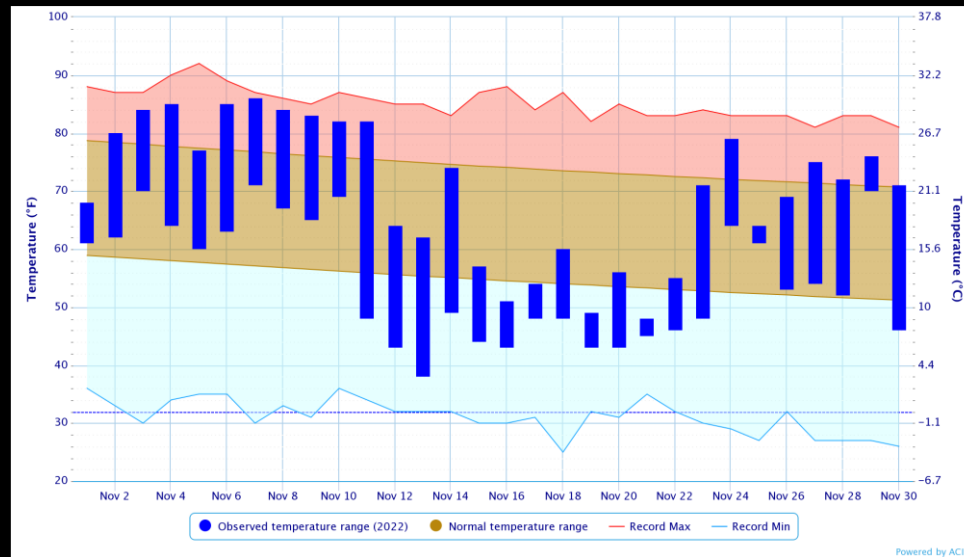
City of College Station



City of Galveston

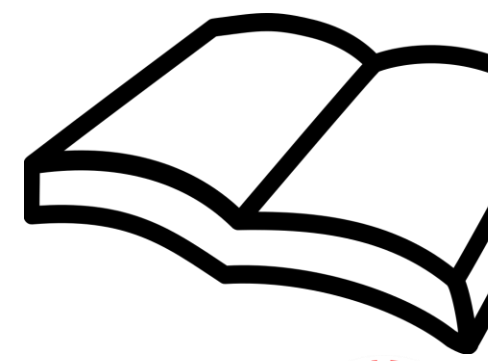


Palacios



Daily Record Reports – City of College Station

Date	Record Type	New Record	Previous Record
7 th	High Minimum	72°	71° in 1989
11 th	Daily Rainfall	1.48"	1.07" in 1989
29 th	High Maximum	84° - T	84° in 1933



Key

High Max

Low Max

Precip

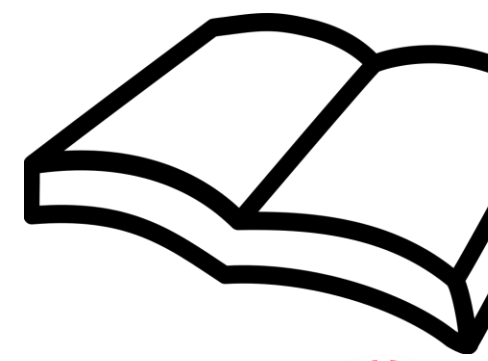
Snow

High Min

Low Min

Daily Record Reports – City of Houston

Date	Record Type	New Record	Previous Record
No Daily Records			



High Max

Low Max

Precip

Snow

High Min

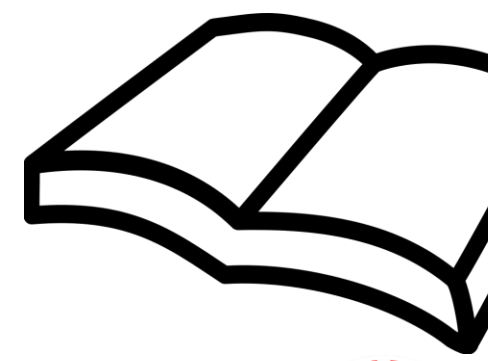
Low Min



Key

Daily Record Reports – Houston-Hobby

Date	Record Type	New Record	Previous Record
No Daily Records			



High Max

Low Max

Precip

Key

Snow

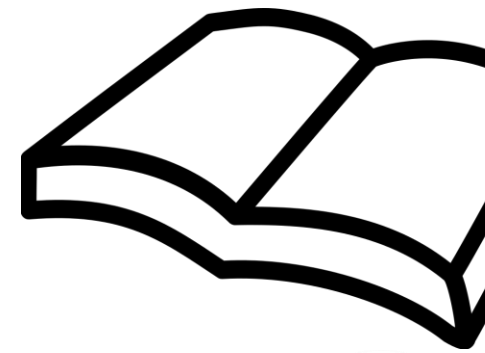
High Min

Low Min



Daily Record Reports – City of Galveston

Date	Record Type	New Record	Previous Record
14 th	Daily Rainfall	1.66"	1.41" in 1876



High Max

Low Max

Precip

Key

Snow

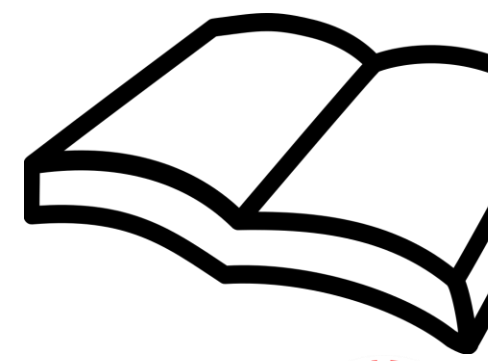
High Min

Low Min



Daily Record Reports – Palacios

Date	Record Type	New Record	Previous Record
19 th	Low Maximum	49°	52° in 1951



Key

High Max

Low Max

Precip

Snow

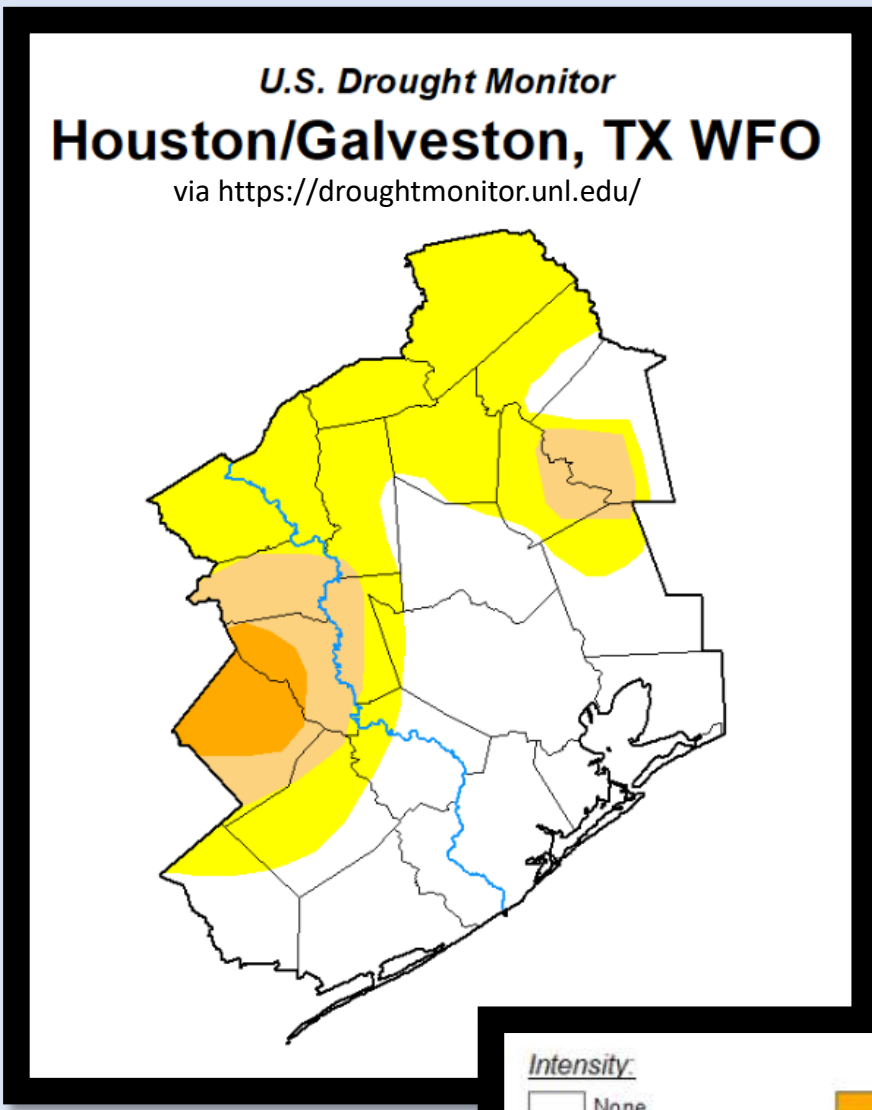
High Min

Low Min

Drought Monitor

As of December 6th

The above average rainfall led to area-wide drought improvements. The worst of the drought remains in parts of Colorado and Austin counties where D2-Severe Drought persisted. No drought is now being reported in over half the region.



Intensity:

None	D2 Severe Drought
D0 Abnormally Dry	D3 Extreme Drought
D1 Moderate Drought	D4 Exceptional Drought

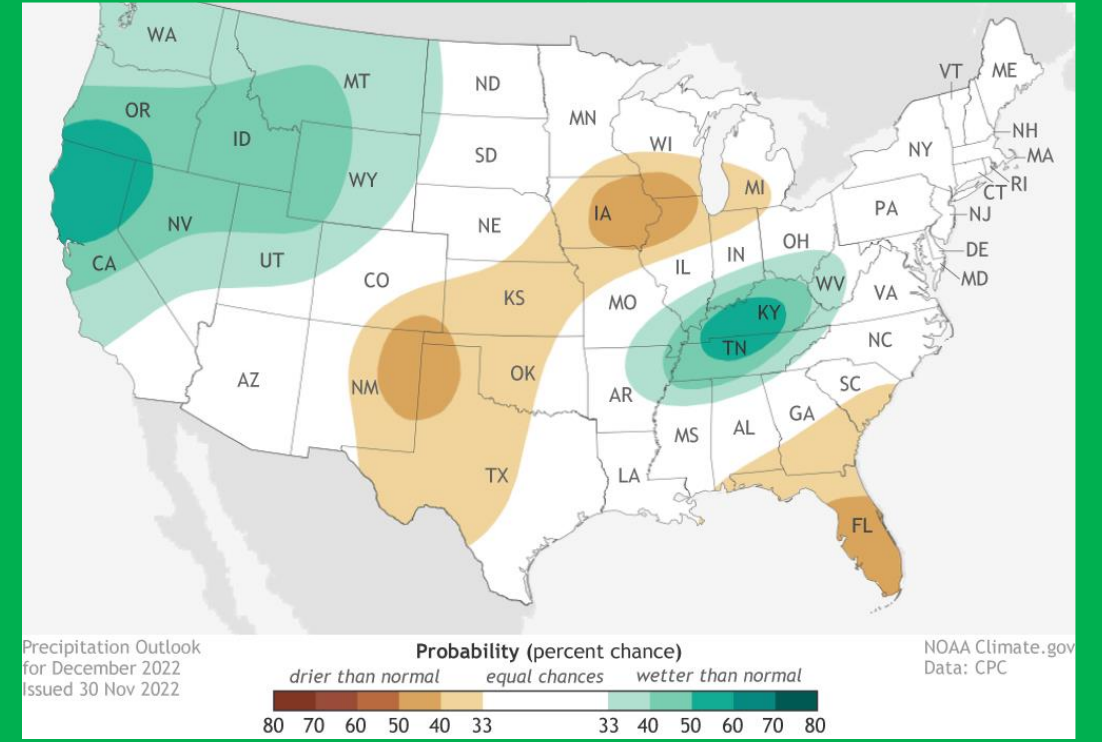
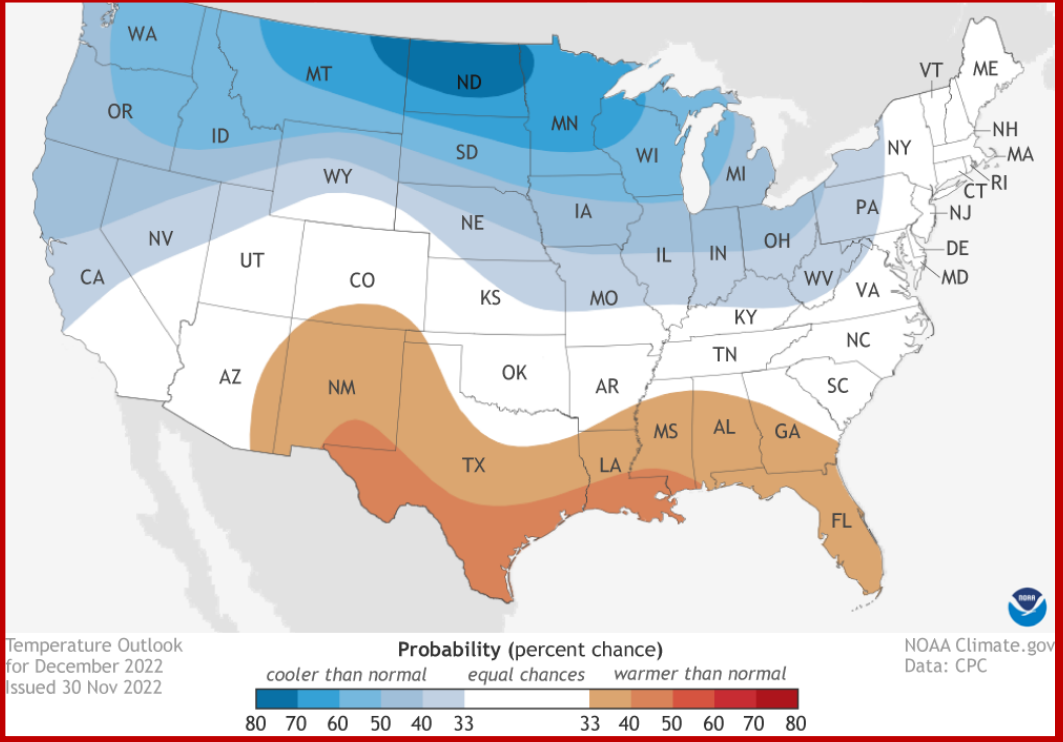
The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. For more information on the Drought Monitor, go to <https://droughtmonitor.unl.edu/About.aspx>



December Outlook

Location	Average Temp(°F)	Normal High (°F)	Normal Low (°F)
Galveston	58.5	65.5	51.6
Houston Hobby	56.9	65.7	48.0
City of Houston	55.4	65.3	45.6
College Station	53.1	63.4	42.8
Palacios	58.0	67.8	48.2

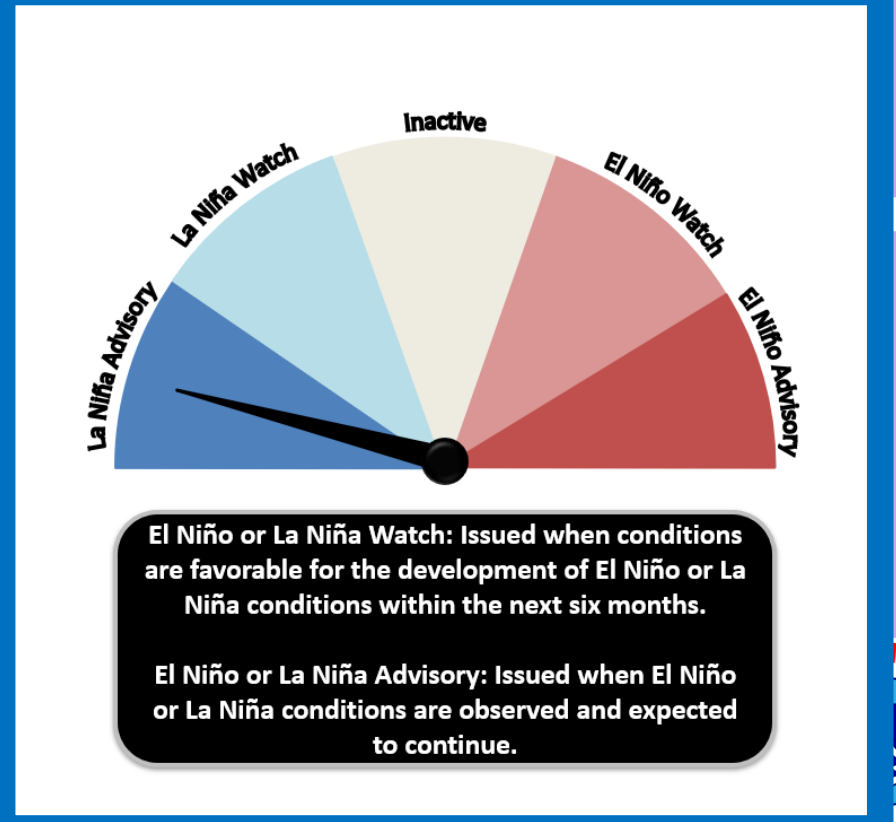
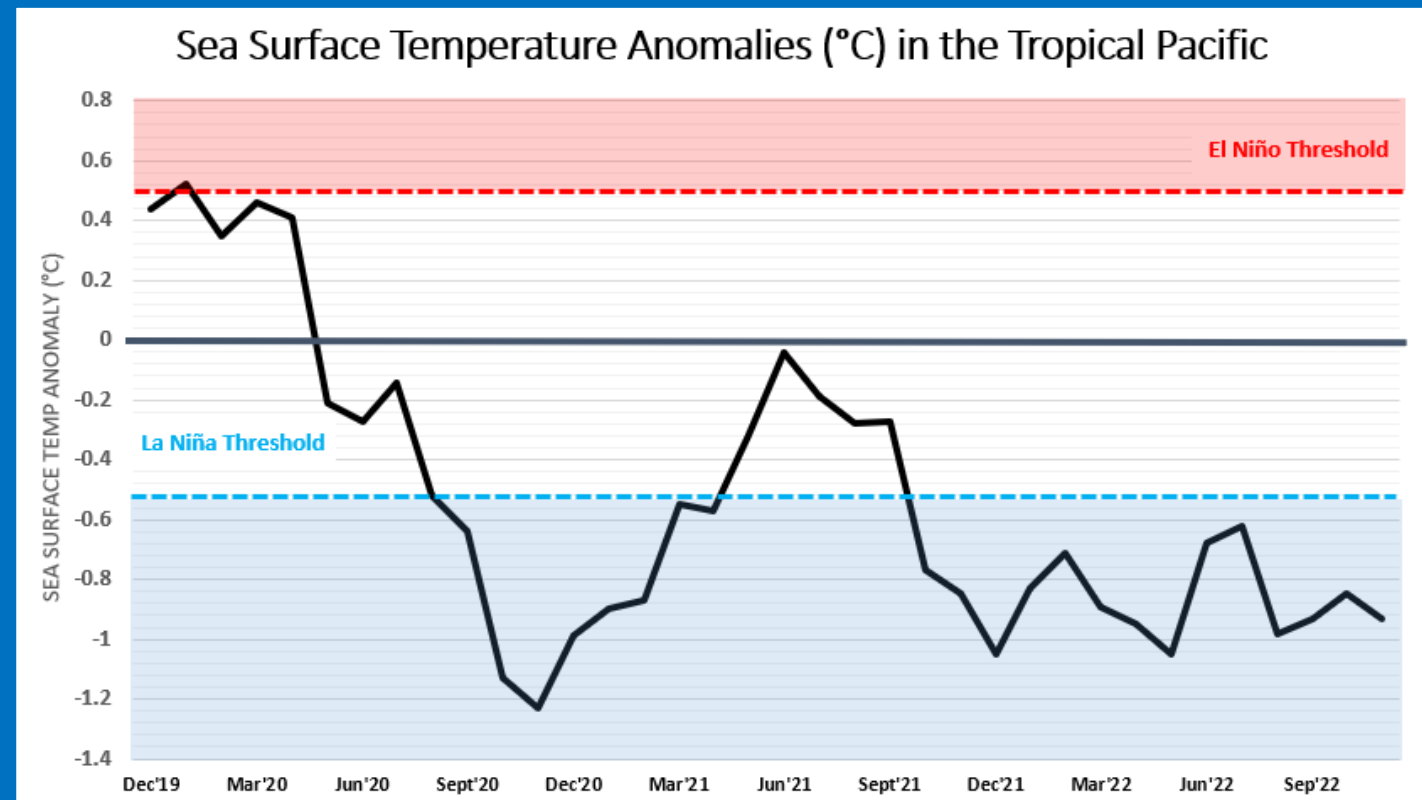
Location	Normal Monthly Precipitation (in.)
Galveston	4.23
Houston Hobby	4.34
City of Houston	4.03
College Station	3.71
Palacios	2.98



Current ENSO Phase: **La Niña**

The Climate Prediction Center's ENSO Forecast: **La Niña Advisory**

- La Niña conditions are expected to continue through the Winter.



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).

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.

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.

Houston Hobby (HOU)

Records are based upon observations beginning in August 1931.

Palacios (PSX)

Records are based upon observations beginning in February 1943.

