

Houston Pilots Forecast Package

Houston Pilots

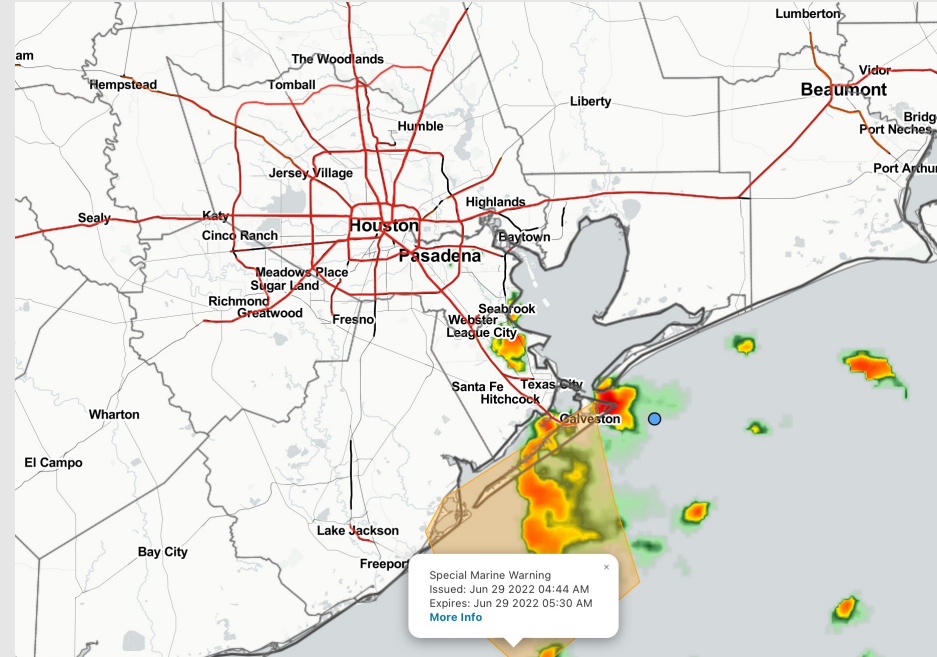
Updated: 5:30 AM CT

Wednesday, June 29, 2022

Forecaster: Vince Bryan

Weather Headlines

- Scattered chances for showers and thunderstorms are anticipated for the first half of this week associated with a weak tropical disturbance (see slide below).
- The next several days will be much more of an active pattern than what we have seen in recent weeks.
- Latest details on tropical activity on the slides below.



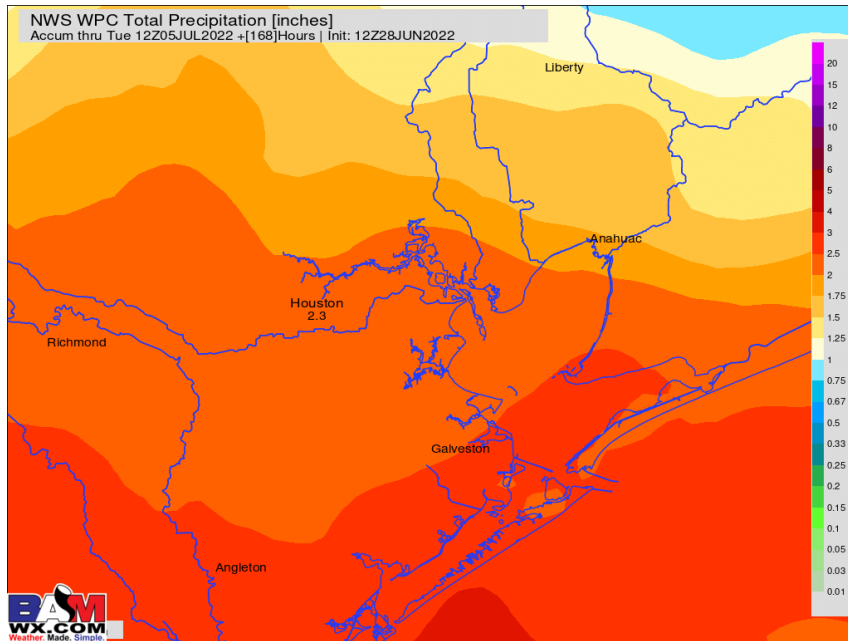
Radar/ NWS Alerts: 5:15 AM CT



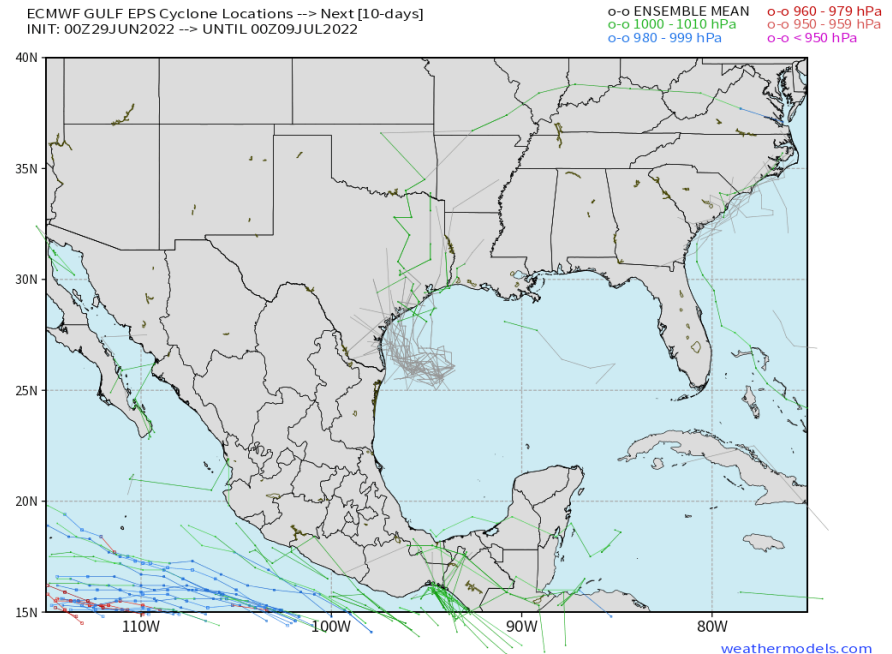
As always, please do not hesitate to reach out to us with any forecast questions via the chat option on the Weather Porthole or our on-call number, **(317)-560-8122** press 1 for forecast questions.

Weak Tropical Disturbance Update

Rainfall Totals The Next 7 Days



Model Data Low Pressure Track



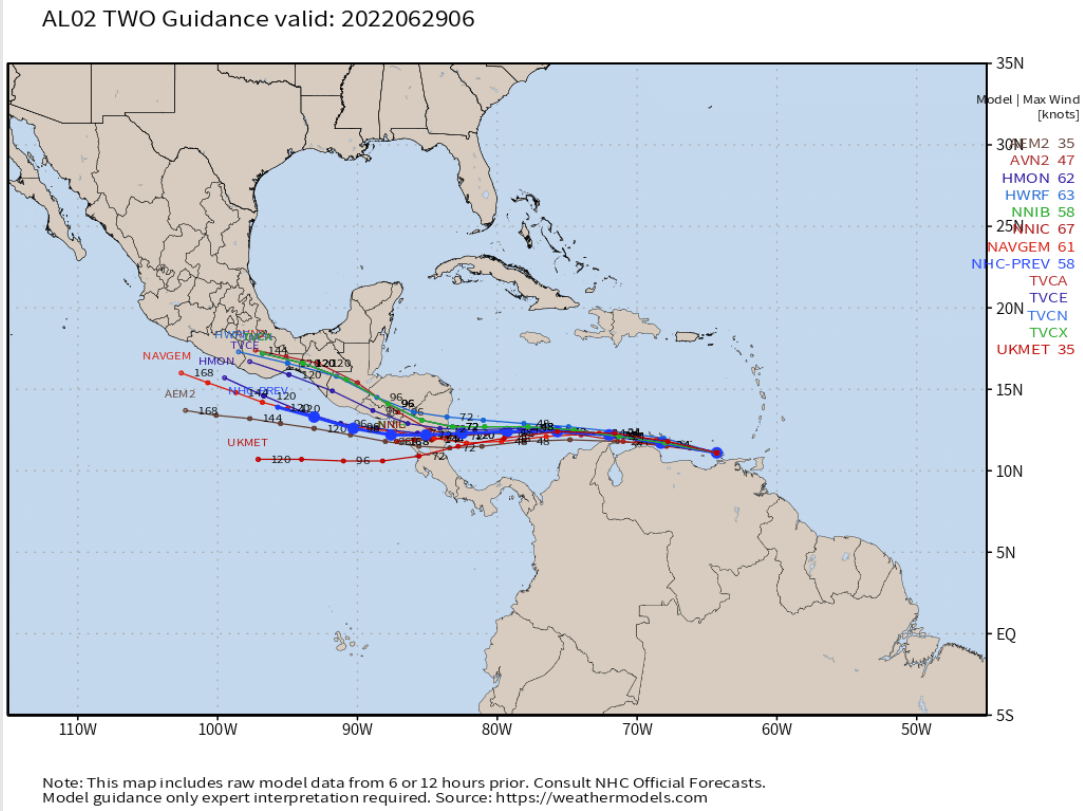
A loosely organized area of lower pressure will continue to stick around the Gulf of Mexico out through Saturday. **To be clear, we are not expecting wave heights of 6+ feet or winds to meet trigger thresholds.** This weakly organized wave will bring some elevated winds and rain chances the next several days (more details on slides below), but looks to be out of the area by ~Saturday. Confidence is higher than normal that the highest impacts from this system looks to be rain.

Confidence

Above
Normal

Below
Normal

Various model tracks next 7 days



The image above shows various model tracks over the next 7 days for “Potential Tropical Cyclone Two”. This will pose no threat to the Houston/ Galveston areas.

Confidence



Above Normal Below Normal

Houston Pilots Wind Report



Example

Sustained wind 13 MPH
Gusts 18 MPH
Wind from the N

WS: 13
G:18
N

Time	06-29-2022 Wed 3am	06-29-2022 Wed 4am	06-29-2022 Wed 5am	06-29-2022 Wed 6am	06-29-2022 Wed 7am	06-29-2022 Wed 8am	06-29-2022 Wed 9am	06-29-2022 Wed 10am	06-29-2022 Wed 11am	06-29-2022 Wed 12pm	06-29-2022 Wed 1pm	06-29-2022 Wed 2pm	06-29-2022 Wed 3pm	06-29-2022 Wed 4pm	06-29-2022 Wed 5pm	06-29-2022 Wed 6pm	06-29-2022 Wed 7pm	06-29-2022 Wed 8pm	06-29-2022 Wed 9pm	06-29-2022 Wed 10pm	06-29-2022 Wed 11pm	06-30-2022 Thu 12am	06-30-2022 Thu 1am	06-30-2022 Thu 2am	06-30-2022 Thu 3am	06-30-2022 Thu 4am	06-30-2022 Thu 5am	06-30-2022 Thu 6am	06-30-2022 Thu 7am	06-30-2022 Thu 8am	06-30-2022 Thu 9am	06-30-2022 Thu 10am	06-30-2022 Thu 11am	06-30-2022 Thu 12pm	06-30-2022 Thu 1pm	06-30-2022 Thu 2pm			
Houston Pilots N - 610 Bridge	WS: 2 G:5 NW	WS: 1 G:4 W	WS: 3 G:5 NNW	WS: 2 G:5 S	WS: 2 G:6 NNE	WS: 6 G:10 NE	WS: 7 G:10 NE	WS: 9 G:12 NE	WS: 8 G:12 ENE	WS: 8 G:12 ENE	WS: 9 G:12 ENE	WS: 9 G:12 E	WS: 9 G:13 E	WS: 12 G:16 ESE	WS: 9 G:15 SE	WS: 9 G:15 SE	WS: 9 G:13 SE	WS: 7 G:11 SE	WS: 5 G:9 SSE	WS: 5 G:8 SE	WS: 4 G:7 SE	WS: 4 G:6 SE	WS: 3 G:3 SE	WS: 2 G:3 ESE	WS: 2 G:3 ENE	WS: 2 G:2 NE	WS: 2 G:2 NE	WS: 3 G:3 NE	WS: 4 G:5 NE	WS: 6 G:8 ENE	WS: 6 G:9 ESE	WS: 6 G:10 ESE	WS: 7 G:11 SE	WS: 7 G:11 SE	WS: 7 G:11 SE	WS: 7 G:11 SE			
Houston Pilots M - Kinder 1	WS: 2 G:5 NW	WS: 1 G:4 SW	WS: 3 G:5 WNW	WS: 2 G:5 E	WS: 2 G:7 NNE	WS: 6 G:10 NE	WS: 7 G:11 NE	WS: 9 G:12 NE	WS: 8 G:12 ENE	WS: 8 G:12 ENE	WS: 8 G:12 ENE	WS: 9 G:12 E	WS: 9 G:13 E	WS: 12 G:17 ESE	WS: 10 G:16 SE	WS: 9 G:15 SE	WS: 9 G:13 SE	WS: 7 G:11 SE	WS: 5 G:9 SE	WS: 5 G:8 SE	WS: 4 G:7 SE	WS: 4 G:6 SE	WS: 2 G:4 SE	WS: 2 G:3 SE	WS: 2 G:2 ESE	WS: 2 G:2 ENE	WS: 2 G:2 NE	WS: 2 G:2 NE	WS: 3 G:3 NE	WS: 4 G:5 ENE	WS: 6 G:8 ENE	WS: 6 G:9 ESE	WS: 6 G:10 ESE	WS: 7 G:11 SE	WS: 7 G:11 SE	WS: 7 G:11 SE	WS: 7 G:11 SE		
Houston Pilots L - Greens Bayou	WS: 2 G:4 NW	WS: 1 G:3 SE	WS: 3 G:5 SSE	WS: 2 G:6 NNE	WS: 3 G:8 NNE	WS: 7 G:11 NE	WS: 7 G:11 NE	WS: 9 G:12 NE	WS: 8 G:12 ENE	WS: 8 G:12 ENE	WS: 8 G:12 ENE	WS: 9 G:12 E	WS: 9 G:13 E	WS: 12 G:17 ESE	WS: 11 G:17 SE	WS: 9 G:15 SE	WS: 9 G:13 SE	WS: 7 G:11 SE	WS: 5 G:9 SE	WS: 5 G:8 SE	WS: 4 G:7 SE	WS: 4 G:6 SE	WS: 2 G:4 SE	WS: 2 G:3 SE	WS: 2 G:3 ESE	WS: 2 G:2 ENE	WS: 2 G:2 NE	WS: 2 G:2 NE	WS: 3 G:3 NE	WS: 4 G:5 ENE	WS: 6 G:7 ENE	WS: 6 G:8 ESE	WS: 6 G:9 ESE	WS: 6 G:10 SE	WS: 7 G:11 SE	WS: 7 G:11 SE	WS: 7 G:11 SE	WS: 7 G:11 SE	
Houston Pilots K Shell Crude	WS: 2 G:4 W	WS: 2 G:4 SW	WS: 3 G:5 SSE	WS: 2 G:6 N	WS: 3 G:8 NNE	WS: 7 G:11 NE	WS: 7 G:11 NE	WS: 9 G:12 NE	WS: 8 G:12 ENE	WS: 8 G:12 ENE	WS: 9 G:12 ENE	WS: 9 G:13 E	WS: 10 G:14 ESE	WS: 12 G:16 SE	WS: 12 G:18 SE	WS: 9 G:15 SE	WS: 9 G:12 SE	WS: 7 G:11 SE	WS: 5 G:9 SE	WS: 5 G:8 SE	WS: 4 G:7 SE	WS: 4 G:6 SE	WS: 3 G:4 SE	WS: 2 G:4 ESE	WS: 2 G:3 ESE	WS: 2 G:3 ENE	WS: 2 G:2 NE	WS: 2 G:2 NE	WS: 3 G:3 NE	WS: 4 G:5 ENE	WS: 6 G:7 ESE	WS: 6 G:8 ESE	WS: 6 G:9 ESE	WS: 6 G:10 SE	WS: 7 G:11 SE	WS: 7 G:11 SE	WS: 7 G:11 SE	WS: 7 G:11 SE	
Houston Pilots J - Lynchburg Ferries	WS: 2 G:4 WNW	WS: 2 G:4 SE	WS: 3 G:5 NE	WS: 3 G:6 NNE	WS: 4 G:9 NNE	WS: 6 G:12 NE	WS: 8 G:12 NE	WS: 9 G:12 ENE	WS: 8 G:12 ENE	WS: 8 G:12 ENE	WS: 9 G:12 E	WS: 9 G:13 ESE	WS: 10 G:13 ESE	WS: 10 G:15 SE	WS: 13 G:19 SSE	WS: 10 G:15 SE	WS: 10 G:13 SE	WS: 7 G:11 SSE	WS: 6 G:10 SSE	WS: 6 G:9 SE	WS: 5 G:8 SE	WS: 4 G:7 SE	WS: 3 G:6 SE	WS: 3 G:4 ESE	WS: 3 G:4 ESE	WS: 3 G:3 ENE	WS: 3 G:3 NE	WS: 3 G:3 NE	WS: 3 G:3 NE	WS: 4 G:5 ENE	WS: 6 G:7 ENE	WS: 6 G:8 SSE	WS: 6 G:9 SSE	WS: 6 G:10 SSE	WS: 7 G:11 SE	WS: 7 G:11 SE	WS: 7 G:11 SE	WS: 7 G:11 SE	
Houston Pilots I - Exxon 3	WS: 2 G:4 SW	WS: 3 G:5 W	WS: 4 G:7 NE	WS: 3 G:8 NNE	WS: 4 G:11 NNE	WS: 6 G:12 NE	WS: 8 G:12 NE	WS: 9 G:12 ENE	WS: 8 G:12 ENE	WS: 8 G:12 ENE	WS: 9 G:12 E	WS: 9 G:13 ESE	WS: 11 G:15 SE	WS: 12 G:16 SSE	WS: 15 G:20 SSE	WS: 10 G:14 SE	WS: 9 G:13 SE	WS: 7 G:11 SSE	WS: 6 G:10 SSE	WS: 6 G:9 SSE	WS: 5 G:8 SE	WS: 5 G:7 SE	WS: 4 G:6 SE	WS: 4 G:5 SE	WS: 4 G:5 ESE	WS: 3 G:5 ESE	WS: 3 G:5 ENE	WS: 3 G:4 NE	WS: 3 G:4 NE	WS: 4 G:5 ENE	WS: 6 G:8 ENE	WS: 6 G:8 SSE	WS: 6 G:9 SSE	WS: 6 G:10 SSE	WS: 7 G:11 SE	WS: 7 G:11 SE	WS: 7 G:11 SE	WS: 7 G:11 SE	
Houston Pilots H - Morgans Point	WS: 3 G:6 SSE	WS: 4 G:6 WNW	WS: 5 G:8 ENE	WS: 5 G:8 ENE	WS: 6 G:11 NNE	WS: 8 G:12 NE	WS: 9 G:12 ENE	WS: 10 G:13 ENE	WS: 9 G:12 ENE	WS: 9 G:12 ENE	WS: 9 G:13 E	WS: 10 G:14 ESE	WS: 14 G:16 SE	WS: 15 G:18 SSE	WS: 17 G:22 SSE	WS: 10 G:14 SE	WS: 9 G:13 SE	WS: 8 G:11 SSE	WS: 7 G:10 SSE	WS: 7 G:9 SSE	WS: 6 G:8 SE	WS: 6 G:7 SE	WS: 6 G:6 SE	WS: 5 G:5 SE	WS: 5 G:4 SE	WS: 4 G:3 ENE	WS: 4 G:3 ENE	WS: 4 G:3 NE	WS: 4 G:5 ENE	WS: 5 G:6 ENE	WS: 5 G:6 ENE	WS: 5 G:7 ESE	WS: 6 G:9 ESE	WS: 6 G:9 ESE	WS: 6 G:10 SE	WS: 7 G:11 SE	WS: 7 G:11 SE	WS: 7 G:11 SE	WS: 7 G:11 SE
Houston Pilots G - 75/76	WS: 5 G:7 E	WS: 6 G:6 SSE	WS: 7 G:7 E	WS: 8 G:8 NNE	WS: 10 G:11 NE	WS: 13 G:13 NE	WS: 12 G:13 ENE	WS: 13 G:14 ENE	WS: 11 G:12 ENE	WS: 11 G:12 ENE	WS: 11 G:12 ENE	WS: 12 G:12 ENE	WS: 12 G:15 SE	WS: 16 G:17 SE	WS: 19 G:21 SSE	WS: 21 G:23 SSE	WS: 10 G:13 SE	WS: 9 G:12 SE	WS: 8 G:11 SSE	WS: 8 G:11 SSE	WS: 8 G:11 SE	WS: 8 G:10 SE	WS: 7 G:10 SSE	WS: 7 G:10 SSE	WS: 6 G:9 SSE	WS: 6 G:9 SSE	WS: 6 G:8 ENE	WS: 5 G:7 ENE	WS: 5 G:7 ENE	WS: 6 G:8 ENE	WS: 7 G:9 ENE	WS: 7 G:9 ESE	WS: 7 G:10 ESE	WS: 7 G:10 ESE	WS: 7 G:11 ESE	WS: 7 G:11 ESE	WS: 7 G:11 ESE	WS: 7 G:11 ESE	
Houston Pilots F - 63/64	WS: 6 G:7 ESE	WS: 5 G:5 E	WS: 4 G:5 E	WS: 6 G:6 NNE	WS: 11 G:11 NNE	WS: 12 G:13 ENE	WS: 13 G:14 ENE	WS: 13 G:14 ENE	WS: 10 G:11 ENE	WS: 8 G:11 ENE	WS: 7 G:11 ENE	WS: 12 G:14 SE	WS: 16 G:17 SE	WS: 20 G:22 SSE	WS: 22 G:24 SSE	WS: 10 G:13 SE	WS: 10 G:12 SE	WS: 9 G:11 SSE	WS: 9 G:11 SSE	WS: 9 G:11 SE	WS: 9 G:11 SE	WS: 8 G:11 SE	WS: 8 G:11 SSE	WS: 8 G:10 SSE	WS: 8 G:11 SSE	WS: 7 G:10 SSE	WS: 6 G:9 SSE	WS: 6 G:8 E	WS: 5 G:8 E	WS: 6 G:9 E	WS: 6 G:9 E	WS: 7 G:10 E	WS: 7 G:10 E	WS: 7 G:10 E	WS: 7 G:10 E	WS: 7 G:10 E	WS: 7 G:10 E	WS: 7 G:10 E	
Houston Pilots E - 51/52	WS: 7 G:8 ESE	WS: 5 G:5 ESE	WS: 3 G:4 ESE	WS: 5 G:5 NE	WS: 11 G:11 NE	WS: 12 G:12 ENE	WS: 11 G:12 ENE	WS: 11 G:12 ENE	WS: 9 G:11 ENE	WS: 7 G:11 ENE	WS: 9 G:12 ENE	WS: 14 G:15 SE	WS: 18 G:18 SE	WS: 20 G:22 SSE	WS: 21 G:23 SSE	WS: 10 G:12 SE	WS: 10 G:12 SE	WS: 9 G:11 SSE	WS: 9 G:11 SSE	WS: 9 G:11 SE	WS: 9 G:11 SE	WS: 9 G:11 SE	WS: 9 G:11 SSE	WS: 9 G:11 SSE	WS: 8 G:11 SSE	WS: 8 G:11 SSE	WS: 7 G:10 SE	WS: 7 G:10 SE	WS: 6 G:9 ESE	WS: 6 G:9 ESE	WS: 7 G:10 ESE	WS: 7 G:10 ESE	WS: 7 G:10 ESE	WS: 7 G:10 ESE	WS: 7 G:10 ESE	WS: 7 G:10 ESE	WS: 7 G:10 ESE	WS: 7 G:10 ESE	
Houston Pilots D - 37/38	WS: 6 G:7 ESE	WS: 5 G:5 ESE	WS: 3 G:4 ESE	WS: 4 G:4 ENE	WS: 10 G:11 NE	WS: 10 G:12 ENE	WS: 11 G:12 ENE	WS: 11 G:12 ENE	WS: 10 G:11 ENE	WS: 9 G:11 ENE	WS: 13 G:14 ESE	WS: 15 G:16 SE	WS: 17 G:19 SE	WS: 19 G:21 SSE	WS: 20 G:21 SSE	WS: 10 G:12 SE	WS: 10 G:12 SE	WS: 9 G:11 SSE	WS: 9 G:11 SSE	WS: 9 G:11 SE	WS: 9 G:11 SE	WS: 9 G:11 SE	WS: 9 G:11 SSE	WS: 9 G:11 SSE	WS: 9 G:11 SSE	WS: 8 G:11 SSE	WS: 8 G:11 SSE	WS: 7 G:10 SE	WS: 7 G:10 SE	WS: 6 G:9 SE	WS: 6 G:9 SE	WS: 7 G:10 ESE	WS: 7 G:10 ESE	WS: 7 G:10 ESE	WS: 7 G:10 ESE	WS: 7 G:10 ESE	WS: 7 G:10 ESE	WS: 7 G:10 ESE	WS: 7 G:10 ESE
Houston Pilots C - 25/26	WS: 6 G:7 ESE	WS: 4 G:5 ESE	WS: 3 G:3 ESE	WS: 3 G:4 ESE	WS: 9 G:11 E	WS: 6 G:12 E	WS: 8 G:12 ENE	WS: 10 G:12 ENE	WS: 10 G:12 ENE	WS: 10 G:12 ENE	WS: 14 G:15 E	WS: 15 G:16 ESE	WS: 16 G:18 ESE	WS: 18 G:21 SE	WS: 18 G:20 SE	WS: 10 G:12 SE	WS: 10 G:12 SE	WS: 9 G:11 SE	WS: 9 G:11 SE	WS: 9 G:11 SE	WS: 9 G:11 SE	WS: 9 G:11 SE	WS: 9 G:11 SSE	WS: 9 G:11 SSE	WS: 8 G:11 SSE	WS: 8 G:11 SSE	WS: 7 G:10 SE	WS: 6 G:9 SE	WS: 7 G:10 SE	WS: 7 G:10 SE	WS: 8 G:11 SE	WS: 8 G:11 SE	WS: 8 G:11 SE	WS: 8 G:11 SE	WS: 8 G:11 SE	WS: 8 G:11 SE	WS: 8 G:11 SE	WS: 8 G:11 SE	
Houston Pilots B - 11/12	WS: 6 G:7 ESE	WS: 6 G:6 ESE	WS: 3 G:4 ENE	WS: 4 G:4 NE	WS: 17 G:20 ENE	WS: 2 G:11 S	WS: 2 G:12 NE	WS: 11 G:12 NE	WS: 11 G:12 ENE	WS: 12 G:12 ENE	WS: 14 G:15 ENE	WS: 13 G:16 ESE	WS: 17 G:18 ESE	WS: 18 G:21 SE	WS: 18 G:21 SSE	WS: 10 G:12 SE	WS: 10 G:12 SE	WS: 9 G:11 SE	WS: 9 G:11 SE	WS: 9 G:11 SE	WS: 9 G:11 SE	WS: 9 G:11 SE	WS: 9 G:11 SSE	WS: 9 G:11 SSE	WS: 9 G:11 SSE	WS: 8 G:11 SSE	WS: 8 G:11 SSE	WS: 7 G:10 SE	WS: 7 G:10 SE	WS: 6 G:9 SE	WS: 6 G:9 SE	WS: 7 G:10 ESE	WS: 7 G:10 ESE	WS: 7 G:10 ESE	WS: 7 G:10 ESE	WS: 7 G:10 ESE	WS: 7 G:10 ESE	WS: 7 G:10 ESE	WS: 7 G:10 ESE
Houston Pilots A - 1 & 2 Bravo	WS: 7 G:8 ESE	WS: 6 G:7 E	WS: 4 G:7 NE	WS: 5 G:7 NE	WS: 29 G:31 E	WS: 6 G:11 W	WS: 13 G:13 NE	WS: 14 G:15 ENE	WS: 14 G:15 ENE	WS: 14 G:15 ENE	WS: 15 G:16 E	WS: 16 G:17 E	WS: 17 G:19 SE	WS: 21 G:23 SE	WS: 20 G:21 SSE	WS: 10 G:12 SE	WS: 10 G:12 SE	WS: 10 G:12 SE	WS: 10 G:12 SE	WS: 10 G:12 SE	WS: 10 G:12 SE	WS: 10 G:12 SE	WS: 11 G:12 SSE	WS: 10 G:12 SSE	WS: 10 G:12 SSE	WS: 9 G:11 SSE	WS: 8 G:11 SE	WS: 8 G:11 SE	WS: 8 G:10 SE	WS: 8 G:10 SE	WS: 9 G:11 SSE	WS: 10 G:11 SE	WS: 8 G:10 SSE	WS: 8 G:10 SSE	WS: 8 G:10 SE	WS: 8 G:10 SE	WS: 8 G:10 SE	WS: 8 G:10 SE	WS: 8 G:10 SE

See slides below for official thoughts on winds.

Forecast Discussion

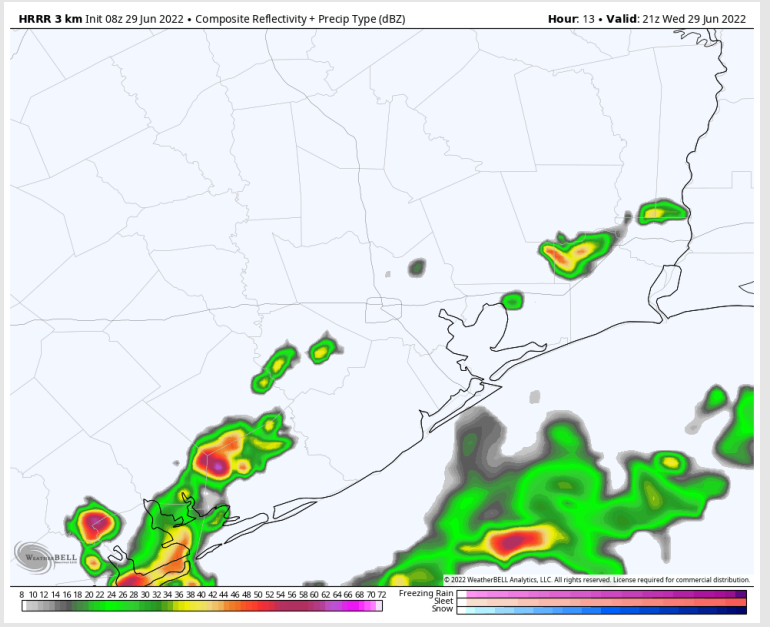
Precip: Bands of showers/t-storms along the Gulf Coastline (which could provide moderate to at times heavy rains) can be expected this morning and throughout the rest of the day. After ~1 PM precip looks to become a bit more isolated and further off shore into the Gulf. Around 5 – 8 PM it is possible to see these pockets of t-storms again more inland. Any bands of precip would bring with it the risk of heavy rain, reduced visibility, lightning, and elevated winds.

Wind: Winds today will vary given the rounds of precipitation. Under any given band of heavier precip, gusts of 25-35 MPH would be possible. "General" winds look to be 10-15 MPH sustained out of the ENE throughout the AM and early afternoon hours with a few gusts to 20 MPH possible. After 2-3PM, winds look to be sustained out of the S at 10-15 MPH sustained.

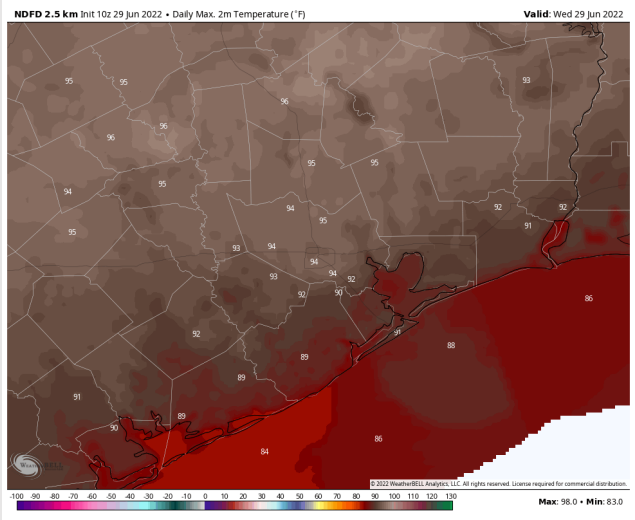
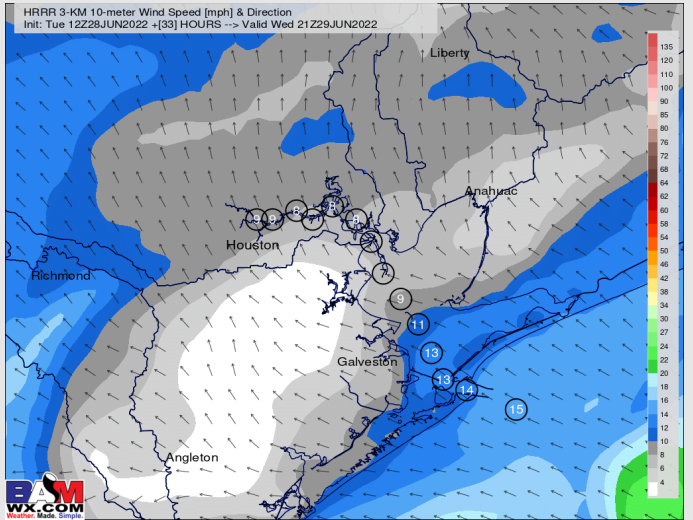
Temps: Highs on Wednesday likely reach the low 90s F for most stations.

Visibility: Not anticipating fog at this time for our stations.

Precip Forecast: 4 PM CT



**Wind Speed:
3 PM CT**



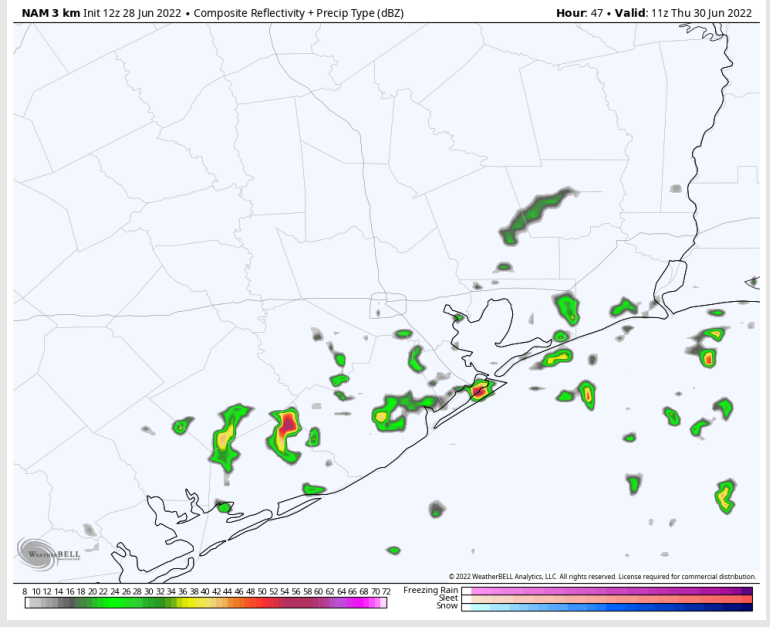
**High Temps
Wed**

Houston Pilots: Thu. 6/30/2022

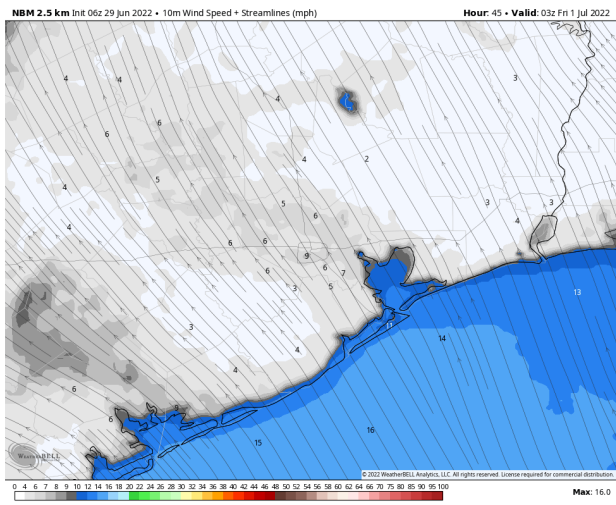
Forecast Discussion

- Precip:** Our daily precipitation chances continue into Thursday. As of now the late hours will run slightly higher chances (~70%) than the PM hours (~50%). At this distance, there is not one hour through the day that has very low chances of precip. Precip could come down at times in a heavy nature and lightning is likely as well.
- Wind:** Winds look to be 10-15 MPH sustained out of the SE throughout Thursday with gusts to 20 MPH. Far northern stations (north of Morgan's Point) likely see winds slightly weaker.
- Temps:** Highs reach the upper 80s F and low 90s F for most stations.
- Visibility:** Not anticipating any fog concerns at this time, but heavy rains could limit visibility at times.

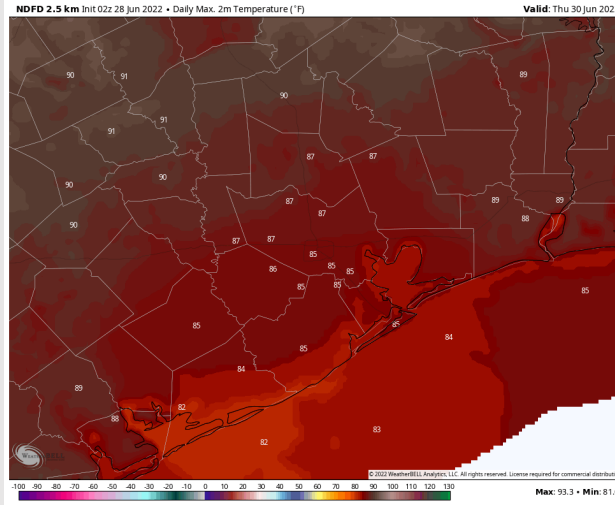
Precip Forecast: 9 AM CT



Wind Speed
10 PM CT



High Temps
Thursday



Houston Pilots: Fri. 7/1/2022



Forecast Discussion

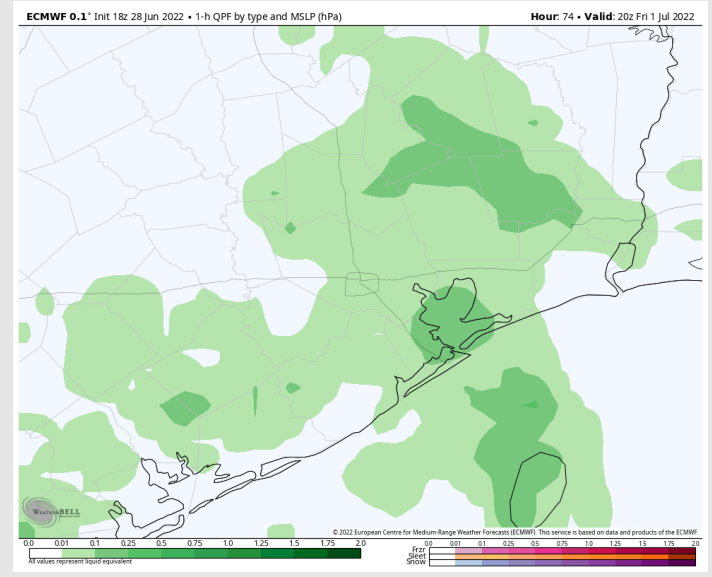
Precip: Rain chances continue into Friday with some scattered showers and possible storms into mostly the morning and afternoon hours. A few heavier storms look to be possible.

Wind: Winds look to remain 10-15 MPH out of the S/SSE throughout the day on Friday with gusts to 22 MPH possible. Stations north of Morgan's Point likely see slightly weaker winds.

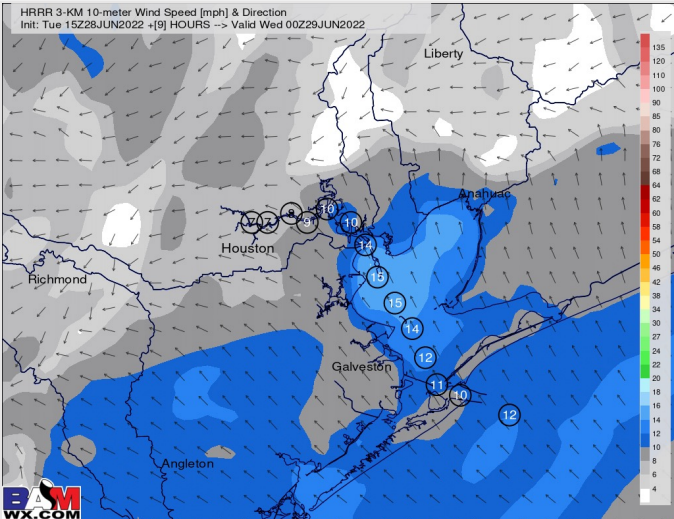
Temps: Temps reach the upper 80s to low 90s F for most stations.

Visibility: No fog conditions expected.

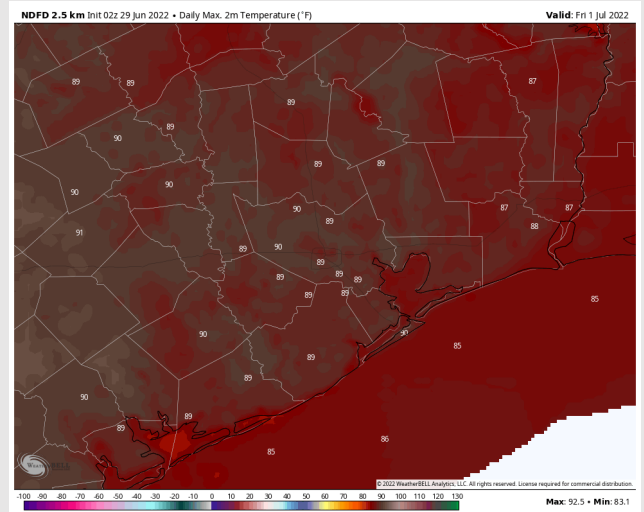
Precip Forecast: 3 PM CT



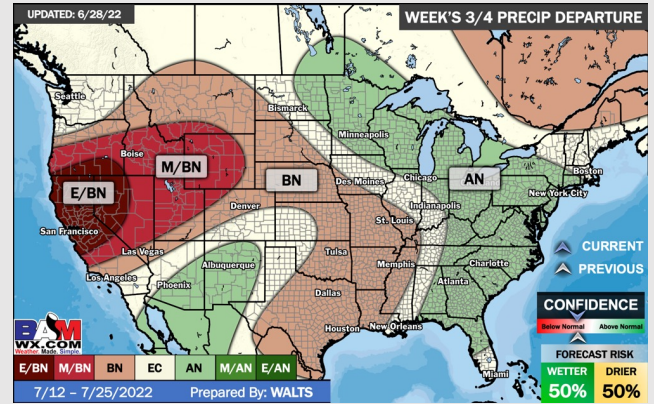
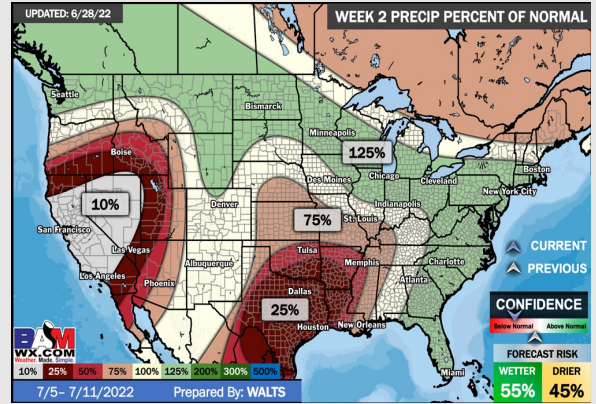
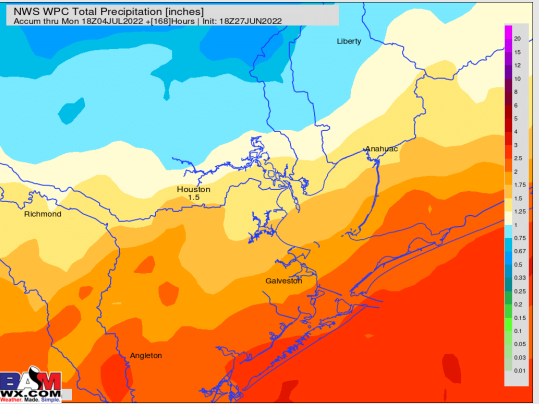
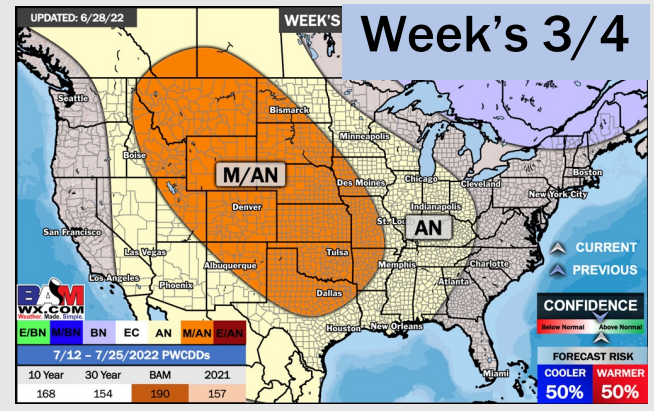
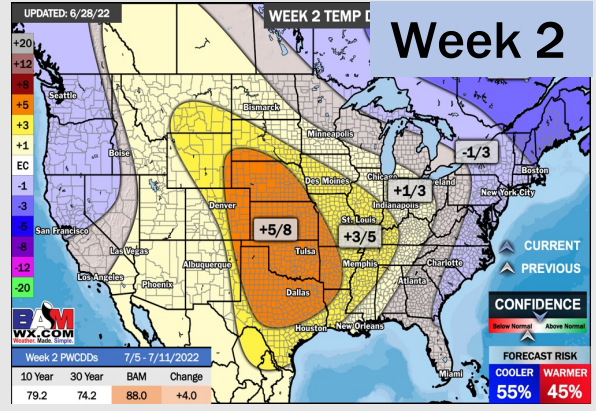
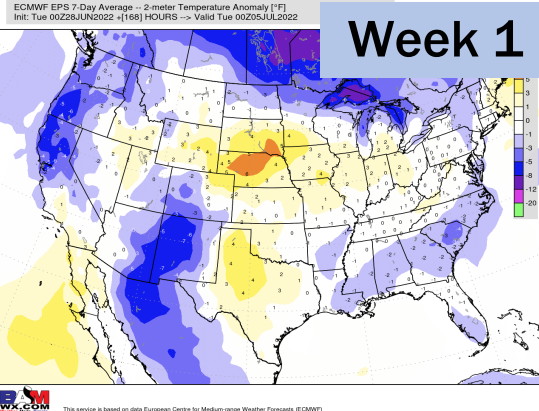
Wind Speeds 7 PM CT



High Temps Friday



Houston Pilots: 6/29/22



- Multiple shots of precipitation will be possible this week with a much more active pattern vs the last few weeks. This will also help keep temperatures much closer to normal.
- Week 2 likely features above normal risks for temperatures and below normal precipitation risks.
- The weeks 3/4 timeframe into July looks to feature above normal temperatures and below normal risks for precip.