

Houston Pilots Forecast Package

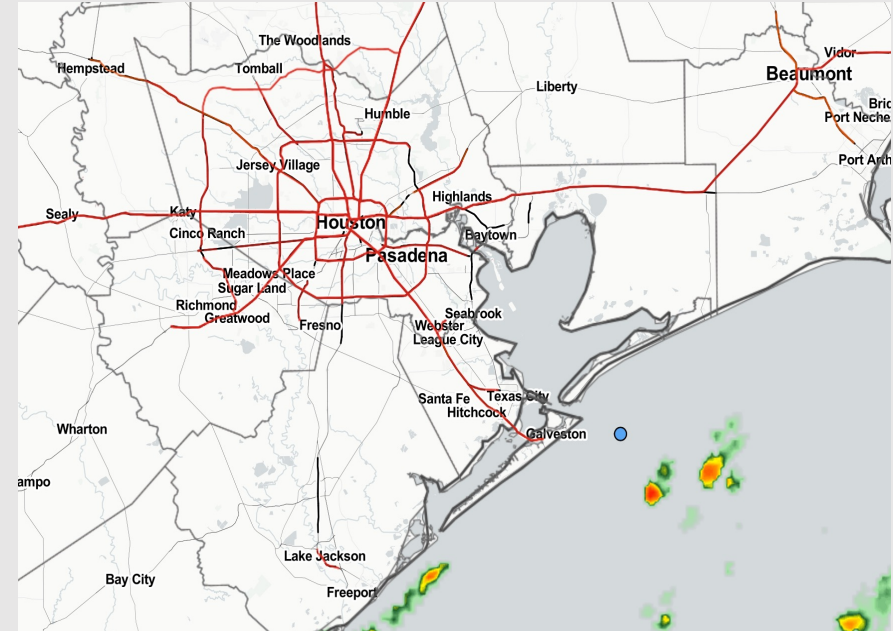
Houston Pilots

Updated: 6:30 AM CT
Tuesday, June 28, 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.

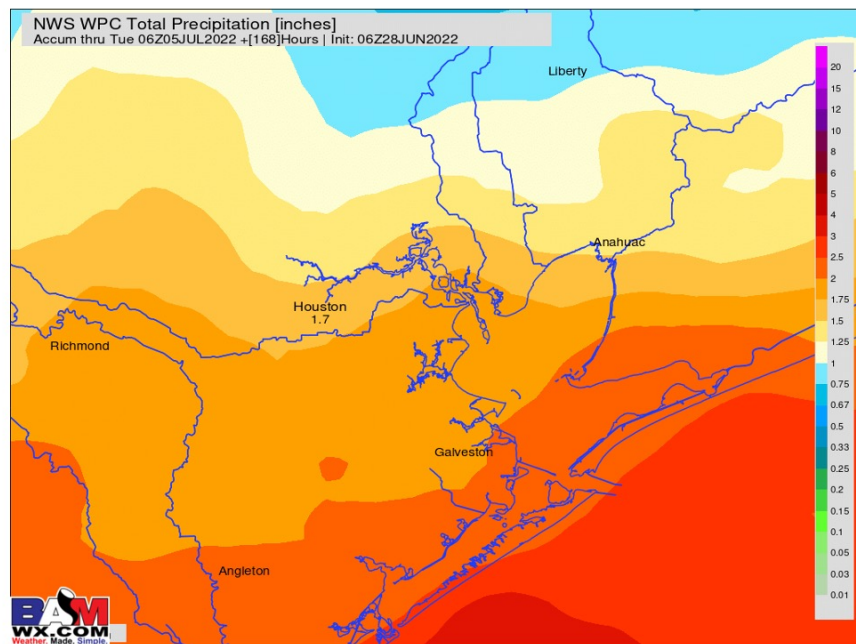


Radar/ NWS Alerts: 6:00 AM CT

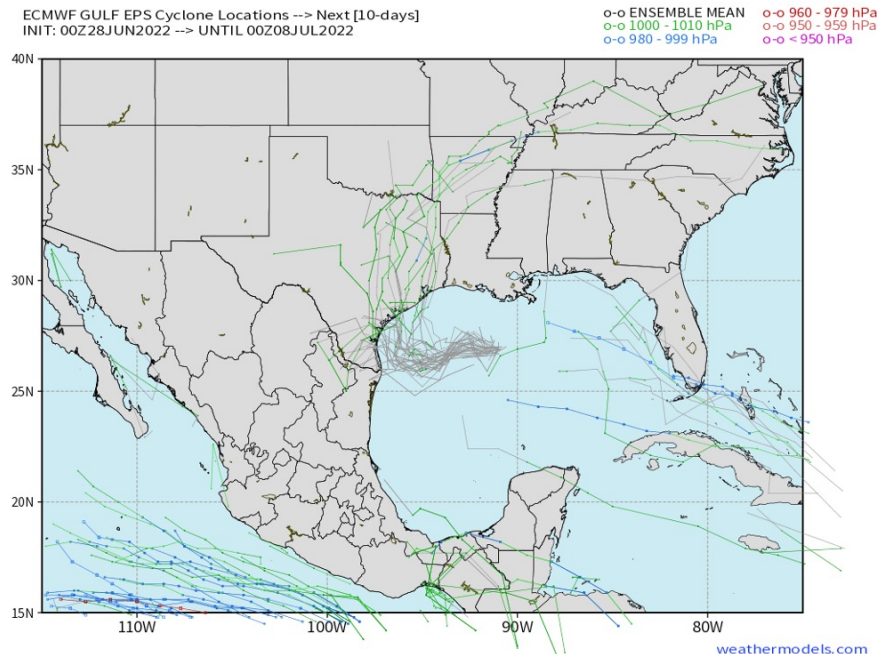


As always, please do not hesitate to reach out to us with any forecast questions via the chat option on the Weather Porthole or our on-call number, **(317)-560-8122** press 1 for forecast questions.

Rainfall Totals The Next 7 Days



Model Data Low Pressure Track



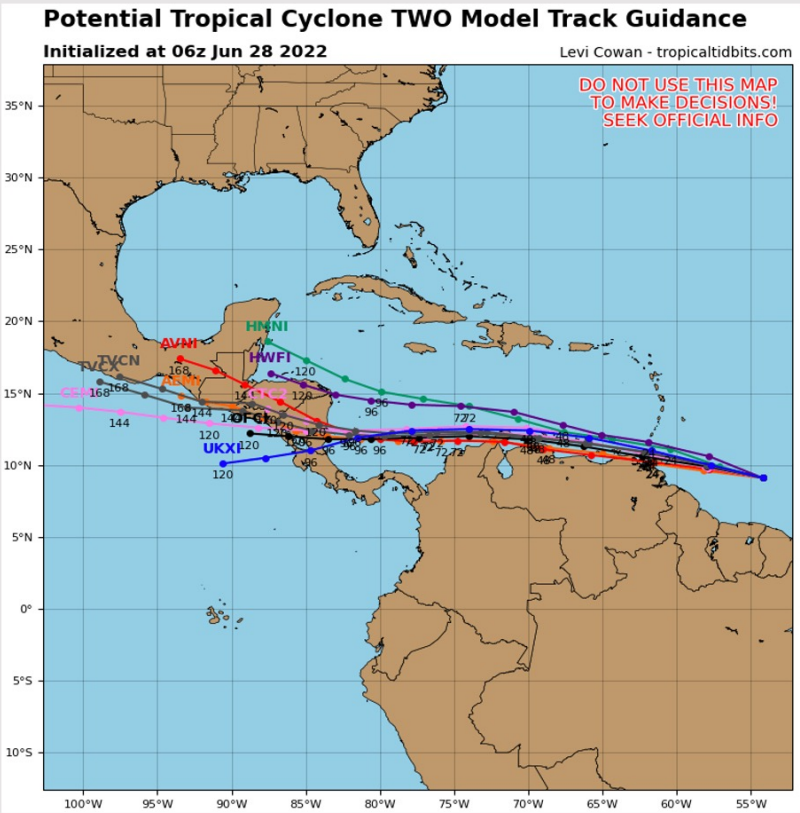
A loosely organized area of lower pressure will continue to stick around the Gulf of Mexico over the next couple of days. **To be clear, we are not expecting wave heights of 6+ feet or winds to meet trigger thresholds.** This weakly organized wave will bring some elevated winds and rain chances the next 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



Confidence



Example

Sustained wind 13 MPH
Gusts 18 MPH
Wind from the N

WS: 13
G:18
N

Time	06-28-2022 Tue 2am	06-28-2022 Tue 3am	06-28-2022 Tue 4am	06-28-2022 Tue 5am	06-28-2022 Tue 6am	06-28-2022 Tue 7am	06-28-2022 Tue 8am	06-28-2022 Tue 9am	06-28-2022 Tue 10am	06-28-2022 Tue 11am	06-28-2022 Tue 12pm	06-28-2022 Tue 1pm	06-28-2022 Tue 2pm	06-28-2022 Tue 3pm	06-28-2022 Tue 4pm	06-28-2022 Tue 5pm	06-28-2022 Tue 6pm	06-28-2022 Tue 7pm	06-28-2022 Tue 8pm	06-28-2022 Tue 9pm	06-28-2022 Tue 10pm	06-28-2022 Tue 11pm	06-29-2022 Wed 12am	06-29-2022 Wed 1am	06-29-2022 Wed 2am	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			
Houston Pilots N - 610 Bridge	WS: 5 G:11 NW	WS: 4 G:11 NNW	WS: 3 G:9 NW	WS: 1 G:6 NNE	WS: 3 G:7 SW	WS: 2 G:8 NNE	WS: 5 G:12 NE	WS: 6 G:11 ENE	WS: 7 G:11 NE	WS: 7 G:15 NNE	WS: 9 G:13 NNE	WS: 11 G:15 NNE	WS: 10 G:14 NNE	WS: 8 G:12 NE	WS: 8 G:11 NE	WS: 8 G:14 ENE	WS: 8 G:13 E	WS: 8 G:15 ESE	WS: 9 G:12 SE	WS: 5 G:10 SE	WS: 5 G:9 SE	WS: 5 G:7 SE	WS: 4 G:5 ESE	WS: 3 G:5 ENE	WS: 2 G:4 ENE	WS: 2 G:4 NE	WS: 3 G:4 NNE	WS: 3 G:5 NNE	WS: 4 G:6 NNE	WS: 5 G:7 NE	WS: 6 G:9 NE	WS: 6 G:11 NE	WS: 7 G:11 ENE	WS: 8 G:12 ENE	WS: 7 G:13 E	WS: 8 G:14 E			
Houston Pilots M - Kinder 1	WS: 4 G:10 NW	WS: 4 G:10 NNW	WS: 3 G:9 W	WS: 2 G:8 SE	WS: 3 G:8 NE	WS: 3 G:8 NNE	WS: 5 G:13 NE	WS: 7 G:11 NE	WS: 7 G:12 NNE	WS: 7 G:15 NNE	WS: 9 G:13 NNE	WS: 11 G:15 NNE	WS: 10 G:14 NNE	WS: 8 G:12 NE	WS: 8 G:11 NE	WS: 8 G:14 ENE	WS: 8 G:13 E	WS: 9 G:13 ESE	WS: 8 G:12 SE	WS: 5 G:10 SE	WS: 5 G:9 SE	WS: 4 G:7 SE	WS: 2 G:5 ESE	WS: 2 G:3 ENE	WS: 2 G:4 NE	WS: 3 G:4 NNE	WS: 3 G:5 NNE	WS: 4 G:6 NNE	WS: 5 G:7 NE	WS: 5 G:9 NE	WS: 6 G:11 NE	WS: 6 G:11 NE	WS: 7 G:11 ENE	WS: 8 G:12 ENE	WS: 7 G:13 E	WS: 8 G:14 E			
Houston Pilots L - Greens Bayou	WS: 4 G:9 W	WS: 4 G:9 NW	WS: 3 G:9 E	WS: 3 G:9 NE	WS: 3 G:9 NNE	WS: 3 G:9 NE	WS: 6 G:12 NE	WS: 7 G:11 NE	WS: 8 G:12 NNE	WS: 8 G:15 NNE	WS: 9 G:14 NNE	WS: 11 G:16 NNE	WS: 10 G:14 NNE	WS: 9 G:12 NNE	WS: 8 G:11 NE	WS: 8 G:14 ENE	WS: 9 G:13 E	WS: 9 G:13 ESE	WS: 8 G:12 SE	WS: 5 G:10 SE	WS: 5 G:9 SE	WS: 5 G:7 SE	WS: 2 G:5 ESE	WS: 2 G:3 ENE	WS: 2 G:4 NE	WS: 3 G:4 NNE	WS: 3 G:5 NNE	WS: 4 G:6 NNE	WS: 4 G:7 NE	WS: 5 G:9 NE	WS: 6 G:11 NE	WS: 6 G:11 NE	WS: 7 G:11 ENE	WS: 7 G:12 ENE	WS: 7 G:13 E	WS: 8 G:14 E			
Houston Pilots K - Shell Crude	WS: 4 G:10 SSW	WS: 3 G:10 WSW	WS: 2 G:10 ESE	WS: 3 G:9 NE	WS: 3 G:10 NE	WS: 3 G:10 NNE	WS: 6 G:13 NE	WS: 7 G:12 NE	WS: 8 G:12 NNE	WS: 7 G:14 NNE	WS: 10 G:14 NNE	WS: 11 G:16 NNE	WS: 10 G:14 NNE	WS: 9 G:12 NNE	WS: 8 G:11 NE	WS: 9 G:14 E	WS: 9 G:13 ESE	WS: 9 G:12 SE	WS: 8 G:12 SE	WS: 5 G:10 SE	WS: 5 G:9 SE	WS: 5 G:7 SE	WS: 2 G:5 ESE	WS: 2 G:3 ENE	WS: 2 G:4 NE	WS: 3 G:5 NNE	WS: 3 G:5 NNE	WS: 4 G:6 NNE	WS: 4 G:7 NE	WS: 5 G:9 NE	WS: 6 G:11 NE	WS: 6 G:11 NE	WS: 7 G:11 ENE	WS: 7 G:12 ENE	WS: 7 G:13 E	WS: 8 G:14 E			
Houston Pilots J - Lynchburg Ferries	WS: 4 G:11 E	WS: 3 G:10 ESE	WS: 3 G:10 NE	WS: 3 G:9 NNE	WS: 3 G:10 NE	WS: 3 G:10 NNE	WS: 6 G:13 NE	WS: 7 G:11 NE	WS: 8 G:12 NNE	WS: 8 G:14 NNE	WS: 10 G:14 NNE	WS: 12 G:16 NNE	WS: 10 G:14 NNE	WS: 9 G:12 NNE	WS: 8 G:11 NE	WS: 9 G:14 E	WS: 10 G:13 ESE	WS: 10 G:13 SE	WS: 8 G:12 SE	WS: 6 G:10 SE	WS: 5 G:9 SE	WS: 4 G:7 SE	WS: 3 G:6 ESE	WS: 3 G:5 ENE	WS: 3 G:5 ENE	WS: 4 G:5 NNE	WS: 4 G:6 NNE	WS: 5 G:8 NNE	WS: 5 G:8 NNE	WS: 6 G:10 NNE	WS: 6 G:11 NNE	WS: 6 G:11 NE	WS: 8 G:12 NE	WS: 8 G:12 NE	WS: 8 G:13 E	WS: 8 G:13 E			
Houston Pilots I - Exxon 3	WS: 4 G:12 NNE	WS: 3 G:10 NNE	WS: 3 G:11 ENE	WS: 3 G:10 NE	WS: 3 G:11 NE	WS: 3 G:10 NNE	WS: 6 G:13 NE	WS: 7 G:12 NE	WS: 8 G:12 NNE	WS: 7 G:15 NNE	WS: 9 G:14 NNE	WS: 11 G:14 NNE	WS: 10 G:13 NNE	WS: 9 G:11 NNE	WS: 7 G:10 NE	WS: 8 G:14 ESE	WS: 10 G:13 ESE	WS: 8 G:12 SE	WS: 6 G:11 SE	WS: 5 G:9 SE	WS: 5 G:8 SE	WS: 4 G:7 SE	WS: 4 G:6 ESE	WS: 4 G:6 ENE	WS: 4 G:7 ENE	WS: 5 G:7 NNE	WS: 5 G:8 NNE	WS: 6 G:10 NNE	WS: 6 G:11 NNE	WS: 6 G:11 NE	WS: 8 G:12 NE	WS: 8 G:12 NE	WS: 8 G:13 E	WS: 8 G:13 E	WS: 8 G:13 E				
Houston Pilots H - Morgans Point	WS: 6 G:11 NNE	WS: 4 G:9 NNE	WS: 5 G:10 ENE	WS: 5 G:10 NNE	WS: 7 G:13 NE	WS: 6 G:12 NNE	WS: 9 G:14 NE	WS: 9 G:13 NE	WS: 9 G:13 NNE	WS: 8 G:15 NE	WS: 9 G:14 NE	WS: 9 G:13 NE	WS: 9 G:13 NNE	WS: 9 G:12 NE	WS: 9 G:12 ENE	WS: 10 G:14 SE	WS: 10 G:13 SE	WS: 10 G:13 SE	WS: 8 G:12 SE	WS: 7 G:12 SE	WS: 7 G:10 SE	WS: 6 G:9 ESE	WS: 6 G:9 ESE	WS: 5 G:8 ESE	WS: 5 G:8 ENE	WS: 5 G:8 ENE	WS: 6 G:9 NE	WS: 6 G:9 NE	WS: 7 G:11 NE	WS: 7 G:11 NNE	WS: 8 G:12 NE	WS: 8 G:12 NE	WS: 8 G:13 E	WS: 8 G:13 E	WS: 8 G:14 E	WS: 9 G:14 E			
Houston Pilots G - 75/76	WS: 9 G:11 NE	WS: 7 G:9 NNE	WS: 8 G:10 NE	WS: 9 G:12 NE	WS: 14 G:18 ENE	WS: 12 G:15 NE	WS: 16 G:16 NE	WS: 12 G:14 NE	WS: 15 G:15 NE	WS: 12 G:16 NE	WS: 11 G:15 NE	WS: 11 G:14 ENE	WS: 10 G:14 ENE	WS: 11 G:14 ENE	WS: 12 G:15 E	WS: 11 G:14 SE	WS: 11 G:13 SE	WS: 10 G:14 SE	WS: 9 G:13 SE	WS: 6 G:11 SE	WS: 5 G:9 SE	WS: 5 G:8 SE	WS: 8 G:11 ESE	WS: 7 G:11 ESE	WS: 7 G:10 E	WS: 7 G:10 ENE	WS: 8 G:11 ENE	WS: 8 G:11 ENE	WS: 10 G:14 NE	WS: 10 G:14 NE	WS: 10 G:13 NE	WS: 10 G:13 NE	WS: 10 G:13 NE	WS: 9 G:13 NE	WS: 8 G:13 NE	WS: 8 G:13 NE	WS: 9 G:14 E		
Houston Pilots F - 63/64	WS: 12 G:13 NE	WS: 10 G:11 NE	WS: 11 G:13 NE	WS: 12 G:15 ENE	WS: 17 G:21 ENE	WS: 15 G:18 ENE	WS: 16 G:17 NE	WS: 15 G:16 NE	WS: 15 G:16 NE	WS: 13 G:16 NE	WS: 12 G:16 NE	WS: 11 G:16 NE	WS: 12 G:16 NE	WS: 12 G:15 NE	WS: 11 G:14 E	WS: 11 G:14 SE	WS: 11 G:13 SE	WS: 10 G:14 SE	WS: 9 G:13 SE	WS: 8 G:12 SE	WS: 8 G:11 SE	WS: 8 G:10 SE	WS: 8 G:12 ESE	WS: 8 G:12 ESE	WS: 8 G:11 ESE	WS: 8 G:11 ENE	WS: 8 G:11 ENE	WS: 9 G:12 ENE	WS: 9 G:12 ENE	WS: 10 G:14 NE	WS: 10 G:14 NE	WS: 10 G:13 NE	WS: 10 G:13 NE	WS: 12 G:15 NE	WS: 12 G:15 NE	WS: 11 G:14 NE	WS: 10 G:13 NE	WS: 10 G:13 NE	
Houston Pilots E - 51/52	WS: 14 G:16 NE	WS: 12 G:14 NE	WS: 11 G:15 NE	WS: 13 G:18 NE	WS: 16 G:21 ENE	WS: 15 G:18 ENE	WS: 16 G:19 NE	WS: 15 G:17 NE	WS: 13 G:16 NE	WS: 13 G:16 NE	WS: 12 G:16 NE	WS: 11 G:17 NE	WS: 13 G:16 NNE	WS: 10 G:14 NE	WS: 8 G:13 ESE	WS: 11 G:13 SE	WS: 11 G:14 SE	WS: 11 G:15 SE	WS: 10 G:14 SE	WS: 10 G:14 SE	WS: 10 G:13 SE	WS: 10 G:12 SE	WS: 8 G:11 ESE	WS: 8 G:12 ESE	WS: 8 G:11 ESE	WS: 8 G:11 ENE	WS: 9 G:12 ENE	WS: 10 G:12 ENE	WS: 10 G:13 ENE	WS: 12 G:15 NE	WS: 12 G:15 NE	WS: 12 G:15 NE	WS: 12 G:15 NE	WS: 11 G:14 NE	WS: 10 G:13 NE	WS: 9 G:13 NE	WS: 10 G:14 E		
Houston Pilots D - 37/38	WS: 14 G:16 NE	WS: 13 G:14 NE	WS: 11 G:14 NE	WS: 13 G:18 NE	WS: 16 G:21 ENE	WS: 15 G:18 ENE	WS: 16 G:18 NE	WS: 15 G:17 NE	WS: 13 G:16 NE	WS: 12 G:16 NNE	WS: 11 G:16 NNE	WS: 11 G:17 NNE	WS: 11 G:16 NE	WS: 9 G:13 E	WS: 8 G:12 ESE	WS: 11 G:14 ESE	WS: 11 G:14 ESE	WS: 10 G:14 ESE	WS: 10 G:14 ESE	WS: 10 G:13 ESE	WS: 9 G:12 ESE	WS: 9 G:11 ESE	WS: 9 G:12 ESE	WS: 9 G:12 ESE	WS: 9 G:12 ENE	WS: 9 G:12 ENE	WS: 10 G:12 ENE	WS: 10 G:13 ENE	WS: 12 G:15 NE	WS: 12 G:15 NE	WS: 11 G:14 NE	WS: 11 G:14 NE	WS: 10 G:13 NE	WS: 10 G:13 NE	WS: 10 G:14 E	WS: 11 G:15 E			
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Houston Pilots B - 11/12	WS: 14 G:17 NE	WS: 11 G:14 NE	WS: 10 G:14 NE	WS: 12 G:16 NE	WS: 15 G:20 NE	WS: 14 G:17 NE	WS: 15 G:17 NE	WS: 15 G:17 NE	WS: 13 G:15 NE	WS: 12 G:15 NE	WS: 11 G:14 ENE	WS: 10 G:13 ENE	WS: 9 G:14 E	WS: 10 G:13 ESE	WS: 9 G:11 ESE	WS: 11 G:13 ESE	WS: 11 G:14 ESE	WS: 11 G:14 ESE	WS: 10 G:14 ESE	WS: 10 G:14 ESE	WS: 10 G:13 ESE	WS: 10 G:12 ESE	WS: 10 G:11 ESE	WS: 10 G:12 ESE	WS: 10 G:12 ENE	WS: 9 G:12 ENE	WS: 9 G:12 ENE	WS: 10 G:12 ENE	WS: 10 G:13 ENE	WS: 11 G:14 NE	WS: 12 G:15 NE	WS: 12 G:15 NE	WS: 11 G:14 NE	WS: 11 G:14 NE	WS: 10 G:13 NE	WS: 10 G:13 NE	WS: 10 G:14 E	WS: 11 G:15 E	
Houston Pilots A - 1 & 2 Bravo	WS: 16 G:16 NE	WS: 15 G:16 NE	WS: 14 G:16 NE	WS: 16 G:18 NE	WS: 19 G:20 NE	WS: 17 G:18 ENE	WS: 18 G:18 NE	WS: 18 G:18 NE	WS: 17 G:18 ENE	WS: 16 G:17 ENE	WS: 14 G:16 ENE	WS: 13 G:14 E	WS: 12 G:14 E	WS: 10 G:12 E	WS: 10 G:11 E	WS: 12 G:14 ESE	WS: 12 G:14 ESE	WS: 12 G:15 ESE	WS: 12 G:15 ESE	WS: 12 G:15 ESE	WS: 12 G:15 ESE	WS: 12 G:15 ESE	WS: 12 G:15 ESE	WS: 12 G:15 ESE	WS: 12 G:15 ESE	WS: 11 G:14 E	WS: 11 G:14 E	WS: 10 G:13 ENE	WS: 12 G:15 ENE	WS: 12 G:15 ENE	WS: 12 G:16 ENE	WS: 12 G:16 ENE	WS: 12 G:16 ENE	WS: 11 G:15 ENE	WS: 11 G:15 ENE	WS: 10 G:14 ENE	WS: 10 G:14 ENE	WS: 11 G:15 E	WS: 12 G:16 E

See slides below for official thoughts on winds.

Forecast Discussion

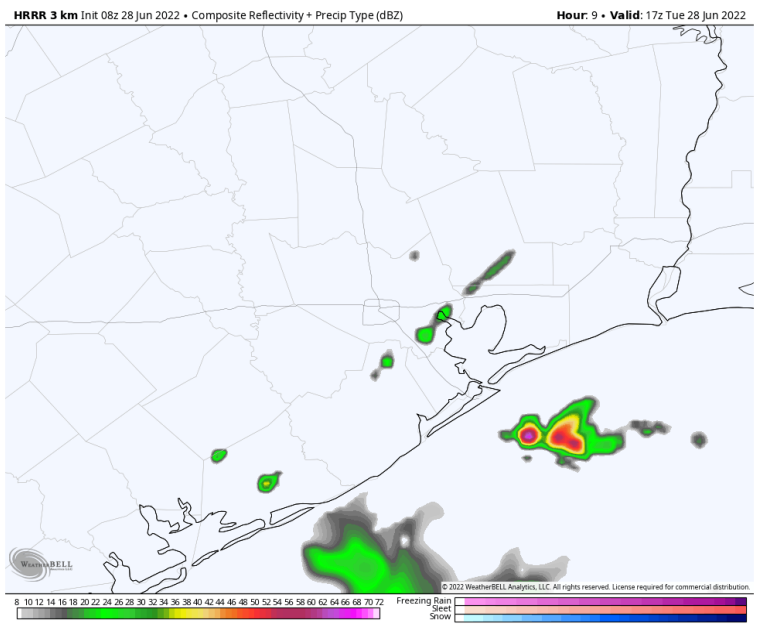
Precip: Latest data has trended a good bit drier today keeping the majority of the rainfall further east in the Gulf. While some low end ~20% chances exist this morning, the best opportunities for 30 - 40% chances of scattered showers/thunderstorms are between 12 - 4 PM. Chances pop up thunder showers then decrease to ~10% for the rest of the evening and overnight. Expecting coverage to stay rather hit and miss with better precip staying offshore.

Wind: Sustained winds today look to be slightly elevated towards the boarding station around 13 - 18 MPH. Gusts of 20 - 25 MPH possible. Winds will start out from the NE that transitions to more of a easterly wind in the late afternoon hours.

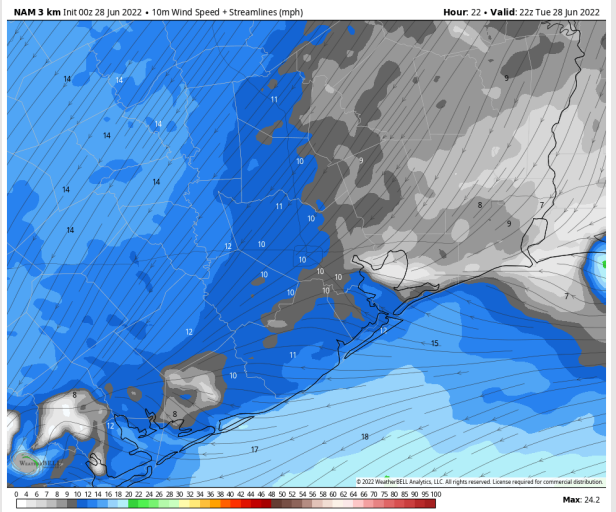
Temps: Highs today will reach the upper 80s F lower 90s F.

Visibility: No fog conditions expected.

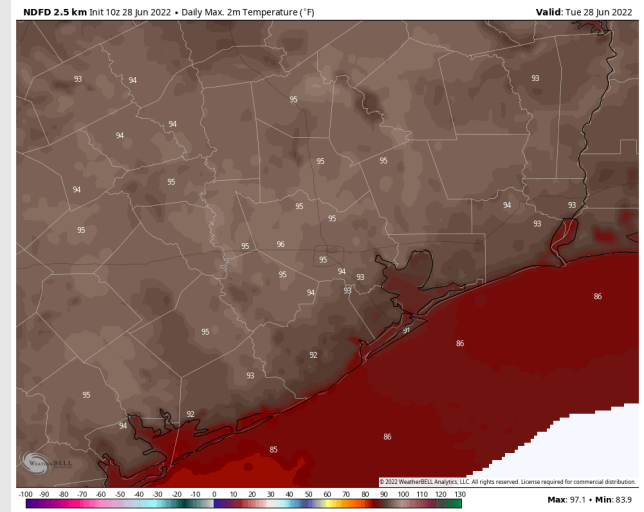
Precip Forecast: 12 PM CT



Wind Speeds
5 PM CT



High Temps
Today



Houston Pilots: Wed. 6/29/2022



Forecast Discussion

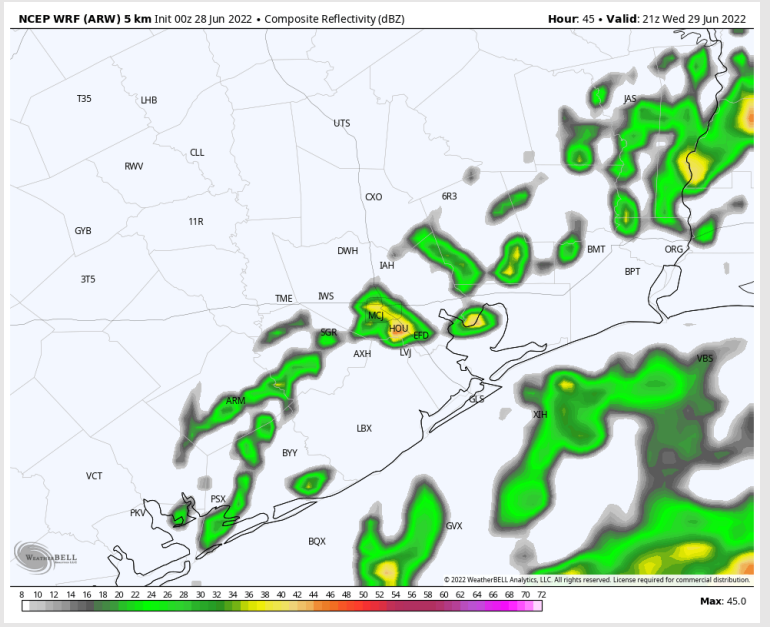
Precip: Low confidence continues to exist on specifics for Wednesday regarding how far onshore the wave of precip will work into the forecast. Before dawn and into the late morning hours, pop up showers are possible along the shoreline with chances decreasing further inland. Higher chances for thunder showers can be found mid afternoon into the evening. Overall favoring a solution that holds most of the precip offshore, however this will need to be refined as we get a bit closer. Favoring precip through the day to be more scattered vs. widespread, and any bands of rain could be locally heavy.

Wind: Winds look to be 10-15 MPH sustained out of the ENE into the AM and early afternoon hours of Wednesday with a few gusts to 20 MPH possible. After 2-3PM, winds look to be sustained out of the SE at 10-15 MPH sustained.

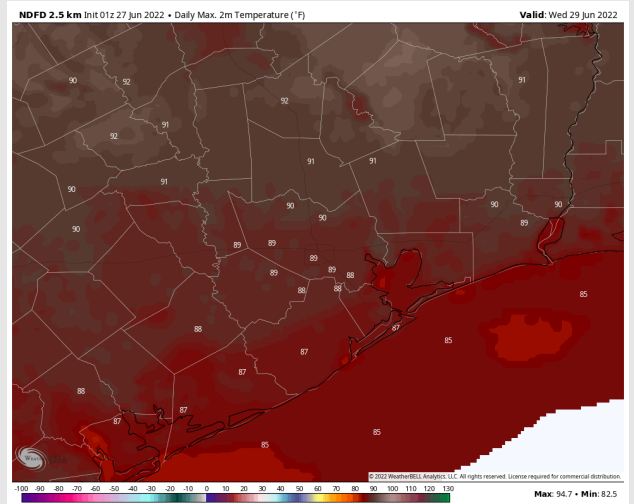
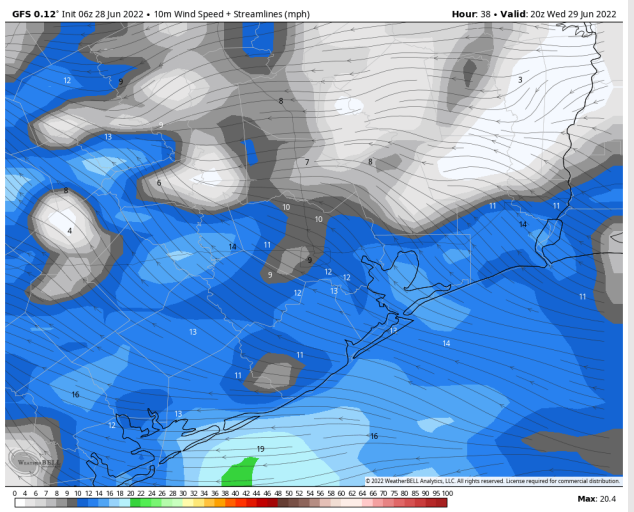
Temps: Highs on Wednesday likely reach the upper 80s F for most stations.

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

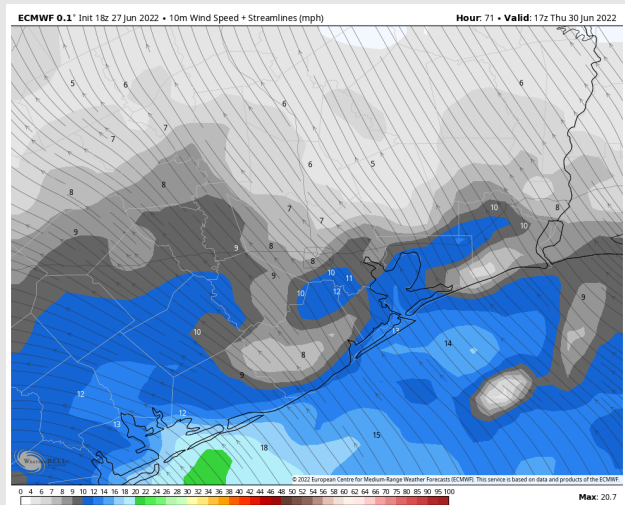
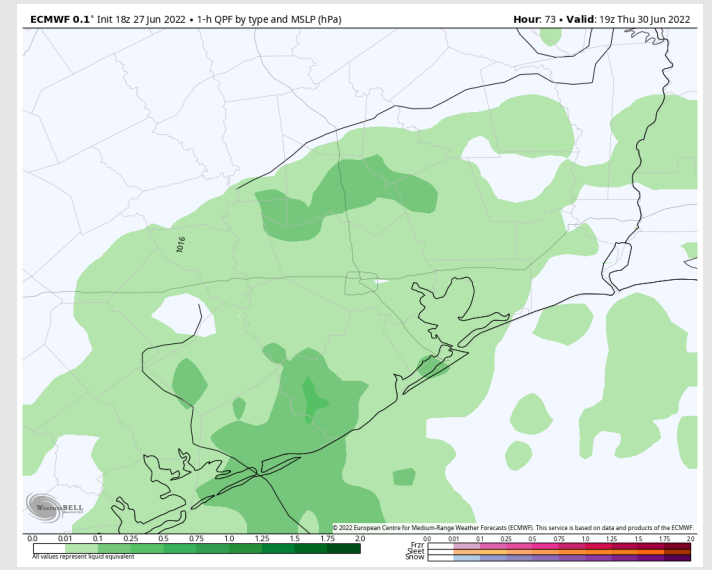
Precip: Our active pattern continues on Thursday with additional scattered chances for showers and thunderstorms, especially in the morning and afternoon hours. A few locally heavier downpours look to be possible.

Wind: Winds look to be 10-15 MPH sustained out of the SE throughout Thursday with gusts to 22 MPH. Winds are calmer north of Morgan's Point.

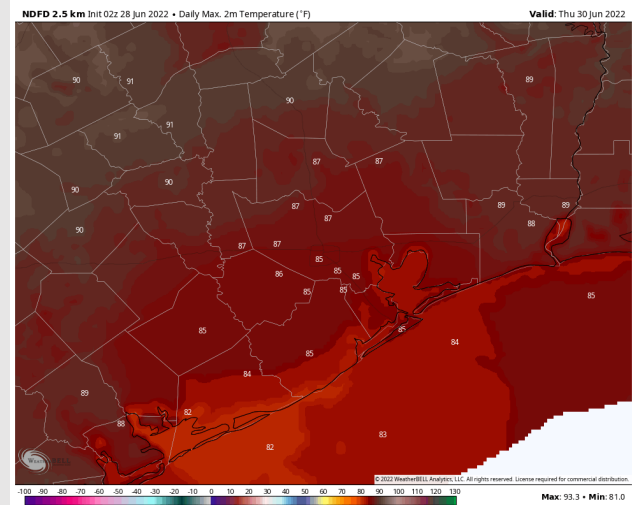
Temps: Highs reach the low to mid 80s F for the stations.

Visibility: Not anticipating any fog concerns at this time, but heavy rains could limit visibility at times.

Precip Forecast: 2 PM CT

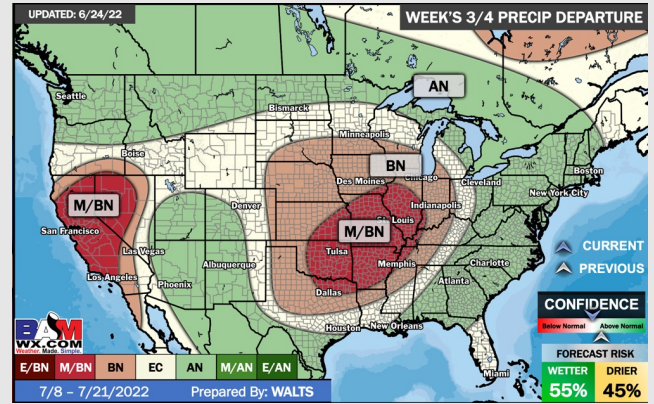
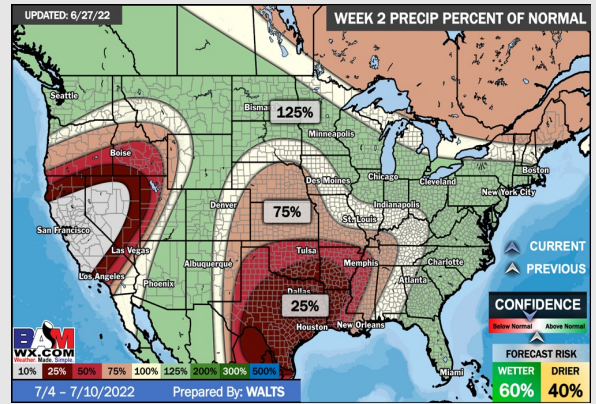
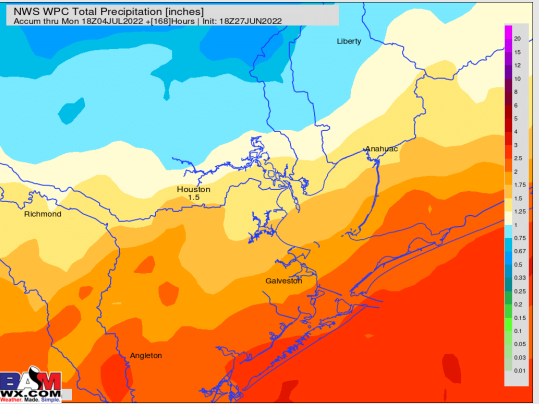
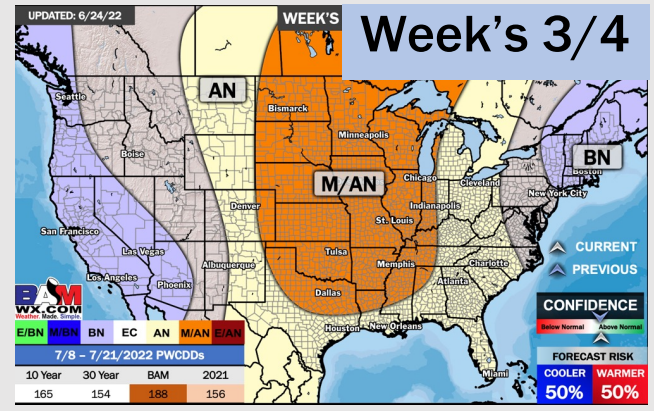
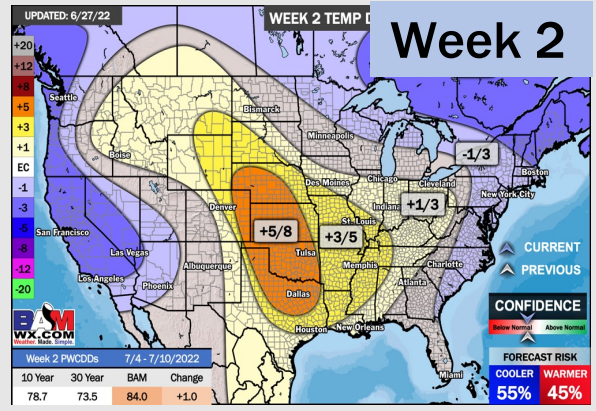
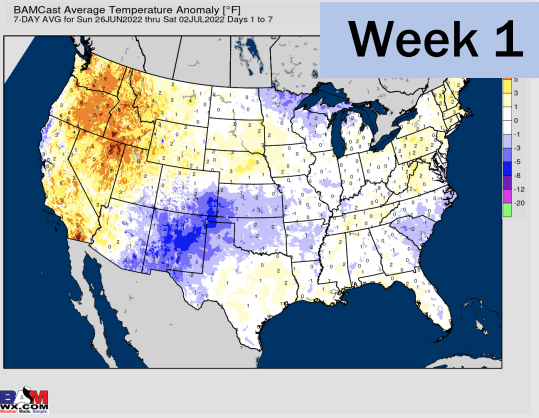


Wind Speed
12 PM CT



High Temps
Thursday

Houston Pilots: 6/23/2022



- Multiple shots of precipitation will be possible this week for a much more active pattern vs the last few weeks. This will also help keep temperatures to be not as hot as well.
- 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 near normal risks for precip.