

Houston Pilots Forecast Package



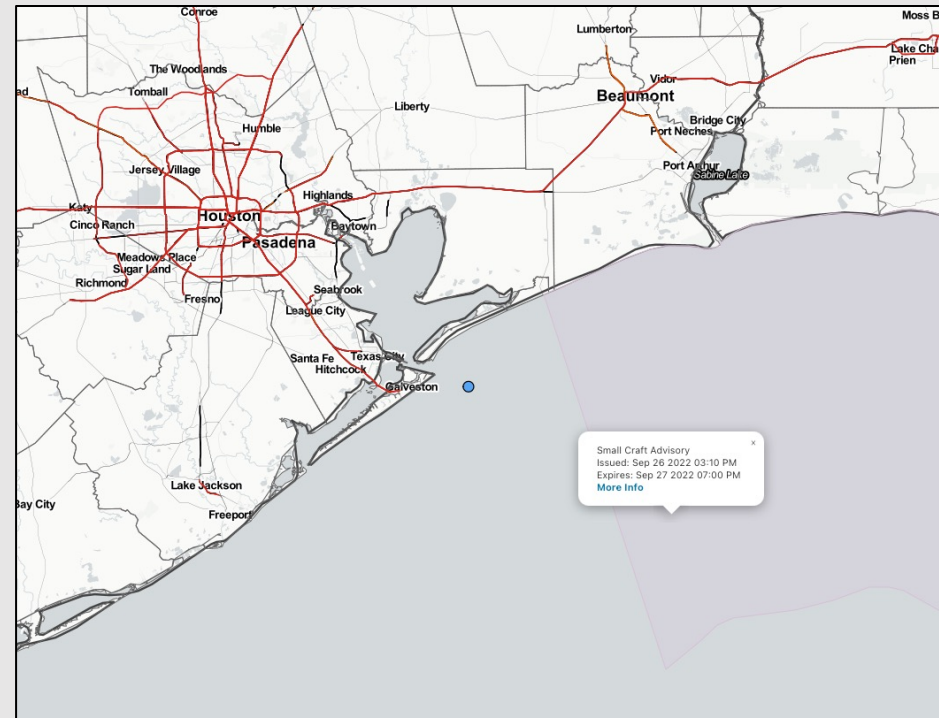
Updated: 1:00 PM CT

Tuesday, September 27, 2022

Forecaster: Vince Bryan

Weather Headlines

- Favoring mostly dry conditions the majority of this week.
- No direct tropical activity is favored in SE TX over the next 7-10 days. **Please check slide below for more thoughts on tropical activity in the Gulf.**
- Expecting the elevated winds to continue at times out through Thursday night, more of a detailed breakdown below.
- No fog concerns moving forward.



Radar/ NWS Alerts: 1:00 PM 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.

Houston Pilots Tropical Update

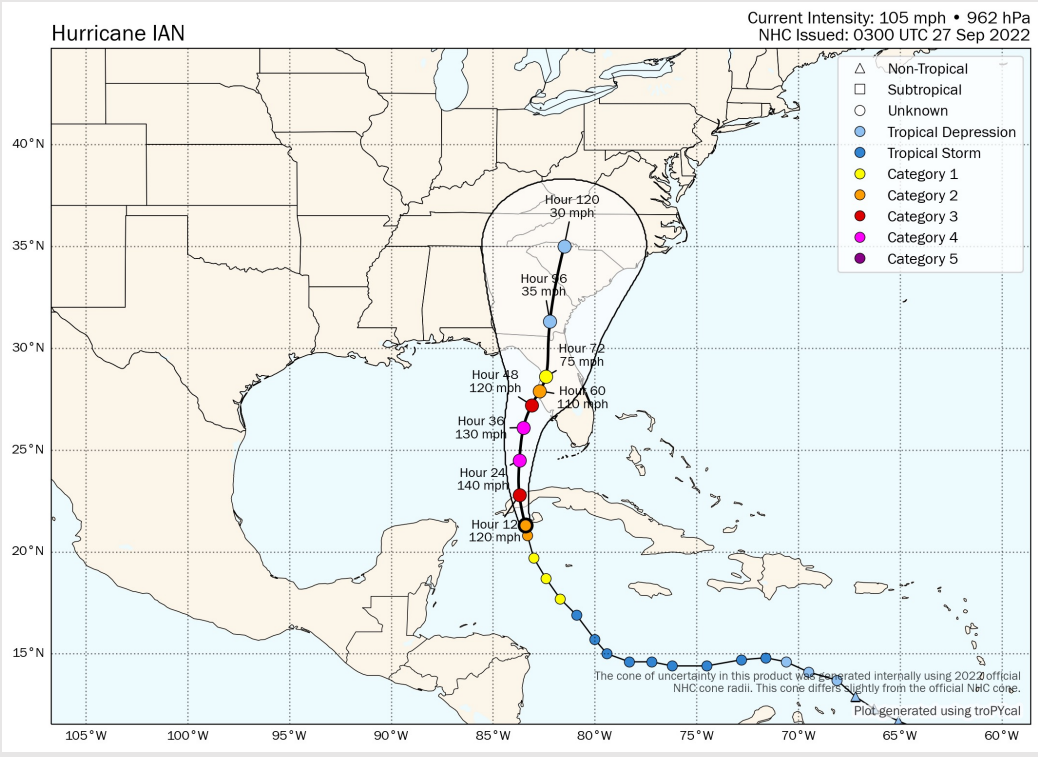


Port Condition	39 MPH Sustained Winds	6 Foot Waves	Time Remaining/Trigger End
Victor	N/A	N/A	N/A
Whiskey	N/A	N/A	N/A
X-Ray	N/A	N/A	N/A
Yankee	N/A	N/A	N/A
Zulu	N/A	N/A	N/A

Port Condition	Trigger Definition	Trigger Reached?
Victor	Hurricane entering/developing in Gulf of Mexico that's a threat to the area	No
Whiskey	72 hours prior to predicted sustained winds of 39+ MPH	No
X-Ray	48 hours prior to predicted sustained winds of 39+ MPH or 6' wave height	No
Yankee	24 hours prior to predicted sustained winds of 39+ MPH or 6' wave height	No
Zulu	12 hours prior to predicted sustained winds of 39+ MPH or 6' wave height	No

- **Trigger conditions are not expected to be met to change the Port Conditions.** Hurricane Ian will work into the Gulf this evening, but will stay well off to the East and will make landfall in FL.
- SE TX will continue to see some influence from this system with wave heights and winds being the most notable influences. Expecting peak possible sustained winds out through Thursday PM to be 25 MPH with a few potential gusts to 30-35 MPH (check daily slides for more on timing). **Wave heights of 4-5 feet possible (Wed 8 AM – 1 PM and Thu 5 AM – 3 PM), but not expected to cross 6' threshold.**

Hurricane Ian Favored Track



****There continues to be 0 threat of landfall with Hurricane Ian in SE TX. ****

Winds: Winds continue from the Northeast at 15 - 25 MPH at the boarding station with gusts 20-30 MPH. While it will not be a consistent wind of this magnitude, winds will be possible through Thursday PM. Max gusts come Wed night of ~30-35 MPH possible.

Waves: Max wave height is expected to come on both Wed and Thu AM's. Waves at the boarding station can reach 4-5 feet, but currently not expecting waves of 6 feet.

****Beyond this, no tropical threats are expected for the Gulf of Mexico****

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	09-27-2022 Tue 10am	09-27-2022 Tue 11am	09-27-2022 Tue 12pm	09-27-2022 Tue 1pm	09-27-2022 Tue 2pm	09-27-2022 Tue 3pm	09-27-2022 Tue 4pm	09-27-2022 Tue 5pm	09-27-2022 Tue 6pm	09-27-2022 Tue 7pm	09-27-2022 Tue 8pm	09-27-2022 Tue 9pm	09-27-2022 Tue 10pm	09-27-2022 Tue 11pm	09-28-2022 Wed 12am	09-28-2022 Wed 1am	09-28-2022 Wed 2am	09-28-2022 Wed 3am	09-28-2022 Wed 4am	09-28-2022 Wed 5am	09-28-2022 Wed 6am	09-28-2022 Wed 7am	09-28-2022 Wed 8am	09-28-2022 Wed 9am	09-28-2022 Wed 10am	09-28-2022 Wed 11am	09-28-2022 Wed 12pm	09-28-2022 Wed 1pm	09-28-2022 Wed 2pm	09-28-2022 Wed 3pm	09-28-2022 Wed 4pm	09-28-2022 Wed 5pm	09-28-2022 Wed 6pm	09-28-2022 Wed 7pm	09-28-2022 Wed 8pm	09-28-2022 Wed 9pm
Houston Pilots N - 610 Bridge	WS: 6 G:14 NNE	WS: 7 G:14 NE	WS: 8 G:15 NE	WS: 8 G:14 NE	WS: 8 G:13 NE	WS: 8 G:14 NE	WS: 8 G:14 NE	WS: 8 G:14 NE	WS: 8 G:14 NE	WS: 5 G:14 NE	WS: 5 G:14 NE	WS: 5 G:15 NE	WS: 5 G:15 ENE	WS: 5 G:16 ENE	WS: 6 G:11 ENE	WS: 5 G:10 NE	WS: 5 G:10 NE	WS: 5 G:9 NE	WS: 6 G:10 NE	WS: 6 G:11 NE	WS: 6 G:11 NE	WS: 6 G:14 ENE	WS: 8 G:15 ENE	WS: 9 G:16 ENE	WS: 9 G:16 ENE	WS: 9 G:17 E	WS: 9 G:17 E	WS: 9 G:16 ENE	WS: 8 G:15 ENE	WS: 8 G:14 NE	WS: 7 G:13 NE	WS: 7 G:11 NE	WS: 7 G:8 NE	WS: 7 G:6 NE	WS: 6 G:6 ENE	
Houston Pilots M - Kinder 1	WS: 6 G:14 NNE	WS: 7 G:14 NE	WS: 8 G:15 NE	WS: 8 G:14 NE	WS: 8 G:13 NE	WS: 8 G:14 NE	WS: 8 G:14 NE	WS: 8 G:14 NE	WS: 8 G:13 NE	WS: 5 G:14 NE	WS: 5 G:15 NE	WS: 5 G:15 NE	WS: 5 G:16 ENE	WS: 6 G:11 ENE	WS: 5 G:10 NE	WS: 5 G:10 NE	WS: 5 G:9 NE	WS: 6 G:10 NE	WS: 6 G:10 NE	WS: 6 G:11 NE	WS: 6 G:12 NE	WS: 8 G:14 ENE	WS: 9 G:15 ENE	WS: 9 G:16 ENE	WS: 10 G:17 E	WS: 10 G:17 E	WS: 10 G:16 ENE	WS: 8 G:15 ENE	WS: 8 G:14 NE	WS: 7 G:13 NE	WS: 7 G:11 NNE	WS: 6 G:8 NNE	WS: 6 G:7 NE	WS: 5 G:7 ENE		
Houston Pilots L - Greens Bayou	WS: 6 G:13 NNE	WS: 7 G:14 NE	WS: 8 G:15 NE	WS: 8 G:14 NE	WS: 8 G:13 NNE	WS: 8 G:14 NE	WS: 8 G:14 NE	WS: 8 G:14 NE	WS: 8 G:12 NE	WS: 5 G:13 NE	WS: 5 G:14 NE	WS: 5 G:15 NE	WS: 5 G:16 ENE	WS: 6 G:11 ENE	WS: 5 G:10 NE	WS: 5 G:10 NE	WS: 5 G:9 NE	WS: 6 G:10 NE	WS: 6 G:10 NE	WS: 6 G:11 NE	WS: 6 G:12 NE	WS: 8 G:14 ENE	WS: 9 G:15 ENE	WS: 9 G:16 ENE	WS: 10 G:17 E	WS: 10 G:17 E	WS: 9 G:16 ENE	WS: 8 G:14 NE	WS: 8 G:14 NE	WS: 7 G:13 NE	WS: 7 G:11 NNE	WS: 6 G:8 NNE	WS: 6 G:7 NE	WS: 5 G:7 ENE		
Houston Pilots K - Shell Crude	WS: 7 G:13 NNE	WS: 7 G:14 NE	WS: 8 G:15 NE	WS: 8 G:14 NE	WS: 8 G:12 NNE	WS: 8 G:14 NE	WS: 8 G:14 NE	WS: 8 G:14 NE	WS: 8 G:12 NE	WS: 5 G:13 NE	WS: 5 G:14 NE	WS: 5 G:16 NE	WS: 6 G:16 ENE	WS: 6 G:16 ENE	WS: 6 G:12 NE	WS: 6 G:11 NE	WS: 5 G:10 NE	WS: 6 G:10 NE	WS: 6 G:10 NE	WS: 6 G:11 NE	WS: 6 G:12 NE	WS: 8 G:14 ENE	WS: 9 G:15 ENE	WS: 9 G:16 ENE	WS: 10 G:17 E	WS: 10 G:17 E	WS: 9 G:16 ENE	WS: 8 G:14 NE	WS: 8 G:14 NE	WS: 7 G:13 NE	WS: 7 G:11 NNE	WS: 6 G:8 NE	WS: 6 G:7 ENE	WS: 5 G:7 ENE		
Houston Pilots J - Lynchburg Ferries	WS: 6 G:13 NNE	WS: 7 G:13 NNE	WS: 8 G:15 NE	WS: 8 G:14 NE	WS: 8 G:12 NNE	WS: 8 G:14 NE	WS: 8 G:14 NE	WS: 8 G:14 NE	WS: 8 G:12 NE	WS: 5 G:13 NE	WS: 5 G:14 NE	WS: 5 G:16 ENE	WS: 6 G:16 ENE	WS: 6 G:16 ENE	WS: 6 G:12 NE	WS: 6 G:11 NE	WS: 5 G:10 NE	WS: 6 G:10 NE	WS: 6 G:10 NE	WS: 6 G:11 NE	WS: 6 G:12 NE	WS: 8 G:14 ENE	WS: 9 G:15 ENE	WS: 9 G:16 ENE	WS: 10 G:17 E	WS: 10 G:17 E	WS: 9 G:16 ENE	WS: 8 G:14 NE	WS: 8 G:14 NE	WS: 7 G:13 NE	WS: 7 G:11 NNE	WS: 6 G:8 NE	WS: 6 G:7 ENE	WS: 5 G:7 ENE		
Houston Pilots I - Exxon 3	WS: 7 G:12 NNE	WS: 7 G:13 NE	WS: 8 G:15 NE	WS: 8 G:14 NE	WS: 8 G:11 NE	WS: 8 G:13 NE	WS: 8 G:13 NE	WS: 8 G:13 NE	WS: 7 G:11 NE	WS: 5 G:14 NE	WS: 5 G:15 NE	WS: 6 G:17 ENE	WS: 6 G:17 ENE	WS: 6 G:18 ENE	WS: 7 G:13 ENE	WS: 7 G:13 NE	WS: 7 G:12 NE	WS: 7 G:12 NE	WS: 7 G:12 NE	WS: 7 G:12 NE	WS: 7 G:12 NE	WS: 8 G:13 ENE	WS: 8 G:15 ENE	WS: 10 G:16 ENE	WS: 10 G:16 ENE	WS: 10 G:17 E	WS: 10 G:17 E	WS: 9 G:15 ENE	WS: 8 G:13 NE	WS: 8 G:12 NE	WS: 7 G:11 NE	WS: 7 G:9 NE	WS: 6 G:8 ENE	WS: 5 G:7 ENE		
Houston Pilots H - Morgans Point	WS: 8 G:13 NE	WS: 8 G:14 NE	WS: 9 G:15 NE	WS: 9 G:14 ENE	WS: 9 G:12 ENE	WS: 9 G:13 ENE	WS: 9 G:13 ENE	WS: 9 G:13 ENE	WS: 10 G:12 ENE	WS: 9 G:14 NE	WS: 7 G:15 NE	WS: 7 G:17 NE	WS: 8 G:19 ENE	WS: 9 G:20 ENE	WS: 10 G:16 ENE	WS: 10 G:15 ENE	WS: 9 G:15 NE	WS: 9 G:15 NE	WS: 9 G:15 NE	WS: 9 G:15 NE	WS: 10 G:16 ENE	WS: 10 G:16 ENE	WS: 11 G:17 ENE	WS: 11 G:17 ENE	WS: 11 G:17 ENE	WS: 11 G:17 ENE	WS: 10 G:16 ENE	WS: 9 G:14 ENE	WS: 9 G:13 ENE	WS: 8 G:12 ENE	WS: 8 G:11 ENE	WS: 7 G:10 ENE	WS: 6 G:8 ENE	WS: 6 G:8 ENE		
Houston Pilots G - 75/76	WS: 12 G:15 NE	WS: 10 G:15 NE	WS: 11 G:18 NE	WS: 11 G:16 ENE	WS: 11 G:15 ENE	WS: 11 G:14 ENE	WS: 11 G:14 ENE	WS: 11 G:14 ENE	WS: 11 G:14 ENE	WS: 12 G:15 ENE	WS: 12 G:15 NE	WS: 13 G:17 NE	WS: 15 G:20 ENE	WS: 16 G:21 ENE	WS: 17 G:22 ENE	WS: 13 G:19 ENE	WS: 13 G:19 ENE	WS: 13 G:18 ENE	WS: 13 G:18 ENE	WS: 13 G:18 ENE	WS: 13 G:18 ENE	WS: 13 G:18 ENE	WS: 13 G:18 ENE	WS: 13 G:18 ENE	WS: 13 G:18 ENE	WS: 13 G:18 ENE	WS: 13 G:18 ENE	WS: 12 G:18 ENE	WS: 11 G:18 ENE	WS: 10 G:16 ENE	WS: 9 G:15 ENE	WS: 8 G:13 ENE	WS: 8 G:12 ENE	WS: 8 G:11 ENE	WS: 7 G:9 ENE	
Houston Pilots F - 63/64	WS: 14 G:17 NE	WS: 12 G:16 NE	WS: 12 G:18 NE	WS: 12 G:17 NE	WS: 10 G:15 NE	WS: 10 G:13 ENE	WS: 8 G:12 ENE	WS: 8 G:12 E	WS: 10 G:13 ENE	WS: 14 G:16 NE	WS: 16 G:19 ENE	WS: 16 G:20 ENE	WS: 18 G:23 ENE	WS: 18 G:23 ENE	WS: 15 G:20 ENE	WS: 14 G:21 ENE	WS: 15 G:21 ENE	WS: 15 G:20 ENE	WS: 15 G:20 ENE	WS: 15 G:20 ENE	WS: 15 G:20 ENE	WS: 15 G:21 ENE	WS: 15 G:21 ENE	WS: 15 G:21 ENE	WS: 15 G:21 ENE	WS: 15 G:21 ENE	WS: 14 G:21 ENE	WS: 14 G:18 ENE	WS: 13 G:16 ENE	WS: 12 G:15 ENE	WS: 11 G:14 ENE	WS: 8 G:12 ENE	WS: 8 G:12 ENE	WS: 8 G:11 ENE	WS: 8 G:10 NNE	
Houston Pilots E - 51/52	WS: 15 G:18 NNE	WS: 13 G:17 NNE	WS: 13 G:18 NNE	WS: 12 G:15 NNE	WS: 10 G:14 NNE	WS: 9 G:14 ENE	WS: 7 G:12 ENE	WS: 7 G:12 E	WS: 8 G:11 ENE	WS: 8 G:11 ENE	WS: 14 G:17 ENE	WS: 16 G:19 ENE	WS: 17 G:21 ENE	WS: 18 G:23 ENE	WS: 19 G:24 ENE	WS: 16 G:21 ENE	WS: 15 G:21 ENE	WS: 15 G:21 ENE	WS: 15 G:21 ENE	WS: 15 G:21 ENE	WS: 15 G:21 ENE	WS: 16 G:21 ENE	WS: 15 G:21 ENE	WS: 15 G:21 ENE	WS: 16 G:21 ENE	WS: 15 G:21 ENE	WS: 15 G:21 ENE	WS: 14 G:18 ENE	WS: 13 G:17 ENE	WS: 11 G:15 ENE	WS: 10 G:14 ENE	WS: 9 G:13 ENE	WS: 8 G:12 ENE	WS: 8 G:11 ENE	WS: 8 G:8 NNE	
Houston Pilots D - 37/38	WS: 15 G:19 NE	WS: 13 G:18 NE	WS: 13 G:18 NE	WS: 11 G:14 NE	WS: 10 G:14 NE	WS: 9 G:13 ENE	WS: 8 G:12 ESE	WS: 7 G:12 ESE	WS: 8 G:12 E	WS: 8 G:12 E	WS: 14 G:17 NE	WS: 15 G:19 ENE	WS: 17 G:21 ENE	WS: 18 G:23 ENE	WS: 20 G:24 ENE	WS: 16 G:21 ENE	WS: 16 G:21 ENE	WS: 16 G:21 ENE	WS: 16 G:21 ENE	WS: 16 G:21 ENE	WS: 16 G:21 ENE	WS: 16 G:21 ENE	WS: 16 G:21 ENE	WS: 16 G:21 ENE	WS: 16 G:21 ENE	WS: 16 G:21 ENE	WS: 16 G:21 ENE	WS: 15 G:19 ENE	WS: 14 G:18 ENE	WS: 12 G:17 ENE	WS: 11 G:15 ENE	WS: 10 G:13 ENE	WS: 9 G:13 ENE	WS: 9 G:12 NE	WS: 9 G:11 NE	
Houston Pilots C - 25/26	WS: 15 G:20 NE	WS: 13 G:18 NE	WS: 13 G:18 NE	WS: 14 G:14 ENE	WS: 9 G:13 ENE	WS: 9 G:13 ESE	WS: 8 G:12 ESE	WS: 8 G:12 ESE	WS: 8 G:12 ESE	WS: 12 G:16 NE	WS: 14 G:19 ENE	WS: 15 G:21 ENE	WS: 16 G:22 ENE	WS: 17 G:23 ENE	WS: 17 G:23 ENE	WS: 17 G:22 ENE	WS: 17 G:22 ENE	WS: 17 G:22 ENE	WS: 17 G:22 ENE	WS: 17 G:22 ENE	WS: 17 G:22 ENE	WS: 17 G:23 ENE	WS: 17 G:23 ENE	WS: 17 G:23 ENE	WS: 17 G:23 ENE	WS: 17 G:23 ENE	WS: 17 G:23 ENE	WS: 16 G:20 ENE	WS: 15 G:18 ENE	WS: 13 G:16 ENE	WS: 12 G:14 ENE	WS: 9 G:13 ENE	WS: 9 G:13 ENE	WS: 9 G:12 NE	WS: 9 G:11 NNE	
Houston Pilots B - 11/12	WS: 15 G:21 NE	WS: 14 G:18 NE	WS: 13 G:18 NE	WS: 12 G:15 ENE	WS: 10 G:14 E	WS: 9 G:13 ESE	WS: 9 G:12 E	WS: 9 G:12 E	WS: 10 G:14 ENE	WS: 12 G:16 NE	WS: 15 G:19 ENE	WS: 15 G:21 NE	WS: 17 G:22 ENE	WS: 18 G:23 ENE	WS: 18 G:23 ENE	WS: 17 G:22 ENE	WS: 17 G:22 ENE	WS: 18 G:22 ENE	WS: 18 G:22 ENE	WS: 18 G:22 ENE	WS: 18 G:23 ENE	WS: 18 G:23 ENE	WS: 18 G:23 ENE	WS: 18 G:23 ENE	WS: 18 G:23 ENE	WS: 18 G:23 ENE	WS: 18 G:23 ENE	WS: 17 G:21 ENE	WS: 16 G:19 ENE	WS: 14 G:16 ENE	WS: 13 G:14 ENE	WS: 10 G:14 ENE	WS: 10 G:13 ENE	WS: 9 G:12 NE	WS: 9 G:11 NNE	
Houston Pilots A - 1 & 2 Bravo	WS: 18 G:22 NE	WS: 16 G:19 NE	WS: 16 G:20 NE	WS: 15 G:18 ENE	WS: 13 G:16 E	WS: 12 G:16 E	WS: 13 G:16 E	WS: 13 G:16 E	WS: 15 G:17 ENE	WS: 17 G:18 ENE	WS: 18 G:19 NE	WS: 20 G:21 NE	WS: 21 G:22 ENE	WS: 23 G:25 ENE	WS: 20 G:24 ENE	WS: 20 G:24 ENE	WS: 20 G:24 ENE	WS: 20 G:24 ENE	WS: 20 G:24 ENE	WS: 20 G:24 ENE	WS: 20 G:24 ENE	WS: 20 G:25 ENE	WS: 20 G:25 ENE	WS: 20 G:25 ENE	WS: 20 G:25 ENE	WS: 20 G:25 ENE	WS: 19 G:23 ENE	WS: 18 G:22 ENE	WS: 16 G:20 ENE	WS: 14 G:17 ENE	WS: 13 G:16 ENE	WS: 11 G:15 ENE	WS: 11 G:15 ENE	WS: 11 G:15 ENE	WS: 11 G:16 NNE	

See slides below for official thoughts on winds.

Houston Pilots: Tue. 9/27/2022



Forecast Discussion

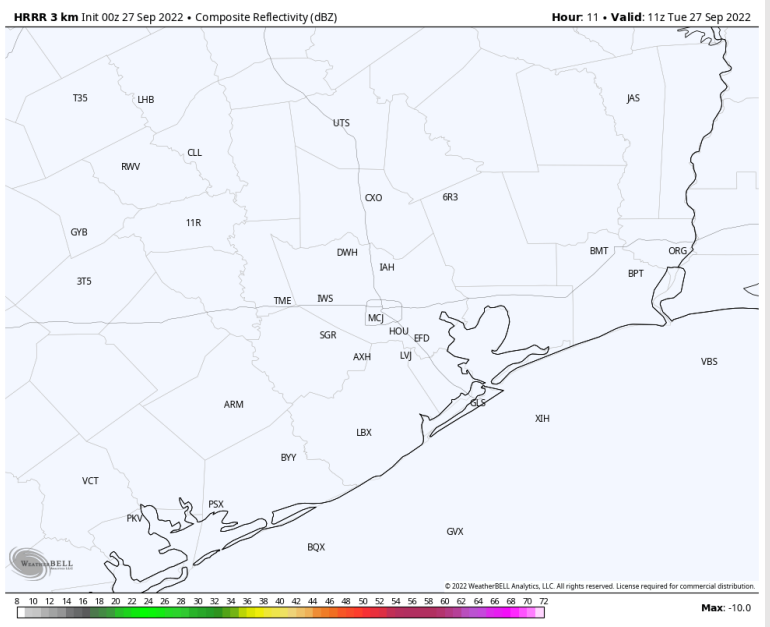
Precip: Anticipating dry conditions all day today.

Wind: Sustained winds out of the NE at 15-20 MPH for all stations until 3 PM (gusts 20 – 25 MPH possible). After 3 PM, winds calm some to 10-15 MPH for the boarding station through the day (other stations likely sustained 8-13 MPH with gusts 13-18 MPH on occasion). By 9 PM, winds at the boarding station are back to 15-20 MPH sustained and gusts 20-25 MPH possible.

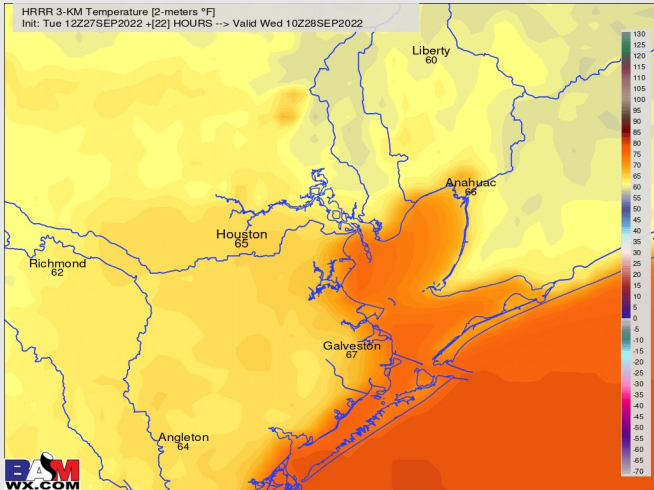
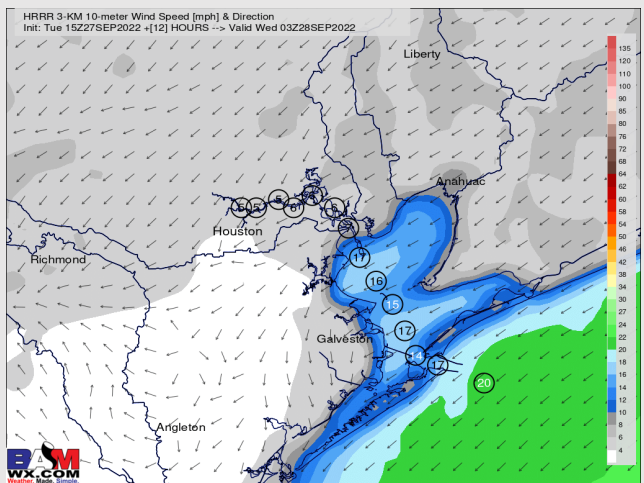
Temps: Lows tonight will bottom out in the mid to upper 70s.

Visibility: Not anticipating fog concerns at this time.

Precip Forecast: 6 AM CT



Wind Speed
10 PM CT

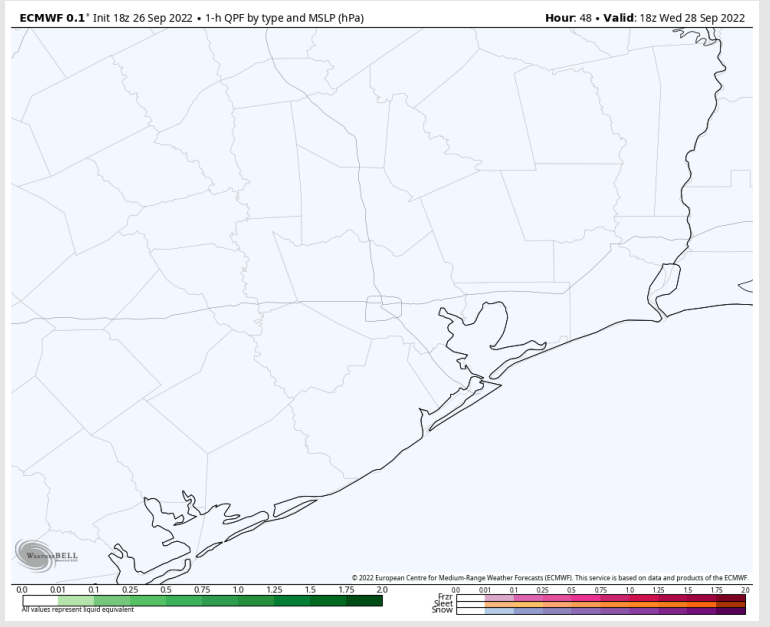


Low Temps
Wed AM

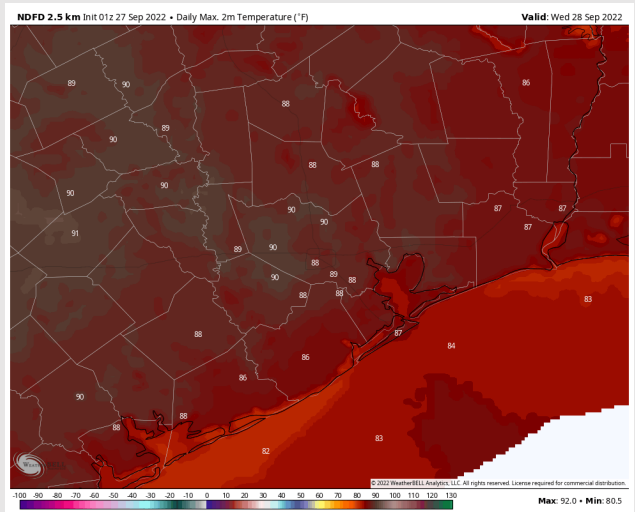
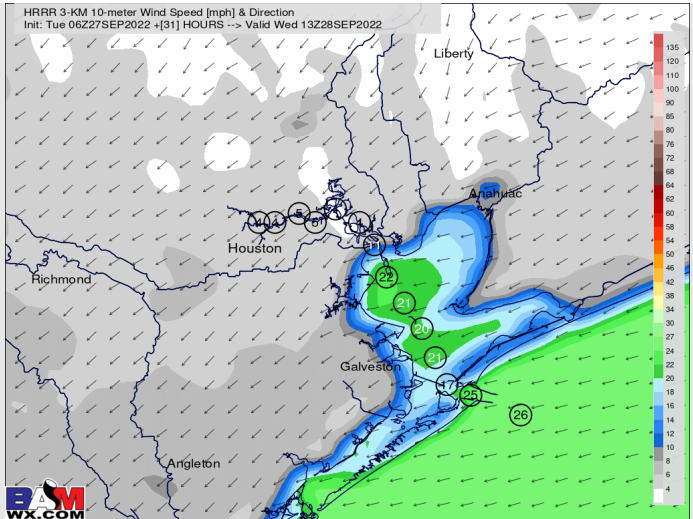
Forecast Discussion

- Precip:** Anticipating dry conditions all day Wednesday.
- Wind:** Winds then pick back up around 1 AM Wed with sustained winds 18-23 MPH out of the NE for stations south of Morgan's Point (and gusts 23-28 MPH), while stations north of Morgan's Point will see 10-15 MPH winds. Near 2 PM and for the PM hours, winds are 8 - 13 MPH with occasional gusts of 15 MPH at the boarding station. After 11PM winds will again pick up to 20-25 MPH out of the NNE. A few gusts 25 - 35 MPH possible Wed overnight into Thu.
- Temps:** High temps Wednesday in the mid 80s F near the boarding station and in the upper 80s F for all other stations.
- Visibility:** Not anticipating fog concerns at this time.

Precip Forecast: 1 PM CT



Wind Speed 8 AM CT



High Temps Wednesday

Houston Pilots: Thurs. 9/29/2022



Forecast Discussion

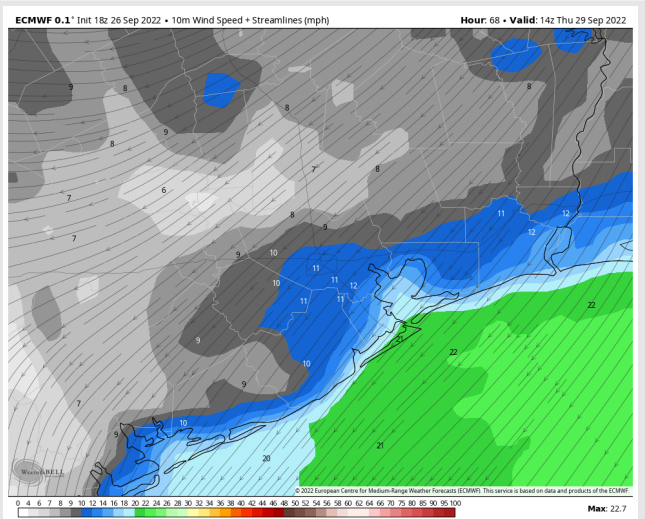
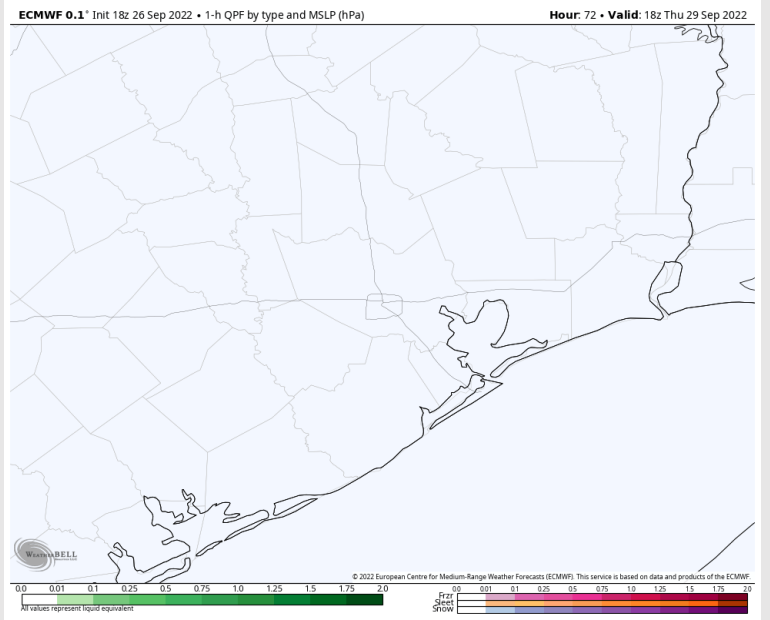
Precip: Anticipating dry conditions across the area throughout the day Thursday.

Wind: Sustained winds out of the NE at 18-23 MPH for stations south of Morgan's Point until 12 PM (gusts 23-28 MPH possible). After 12 PM, winds die down to 10-15 MPH until 6 PM. After 6 PM, winds pick back up to 18-23 MPH for the rest of the evening with gusts 23 – 28 MPH .

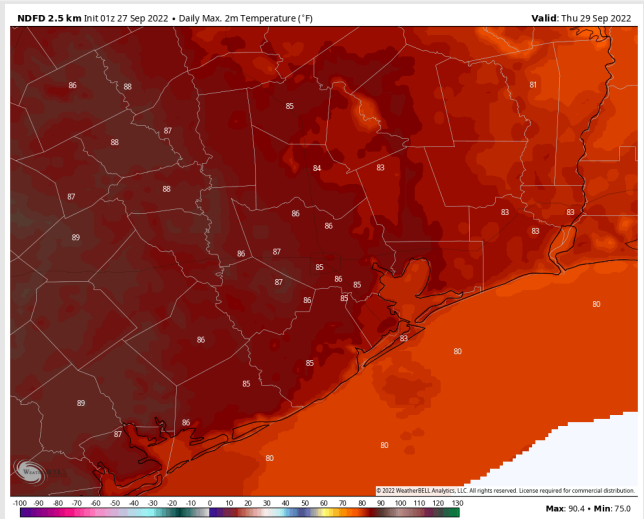
Temps: High temps Thursday in the low 80s F near the Boarding Station and in the mid 80s at all other stations.

Visibility: Not anticipating fog concerns at this time.

Precip Forecast: 1 PM CT

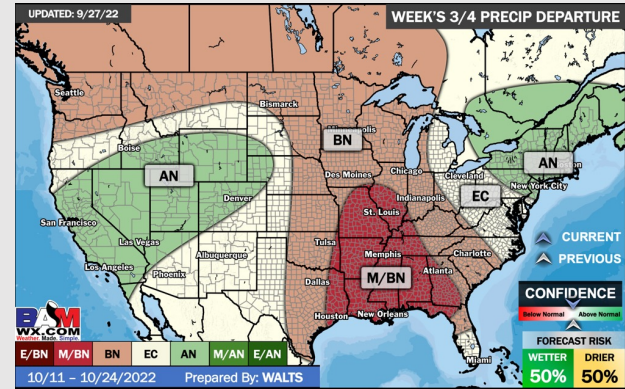
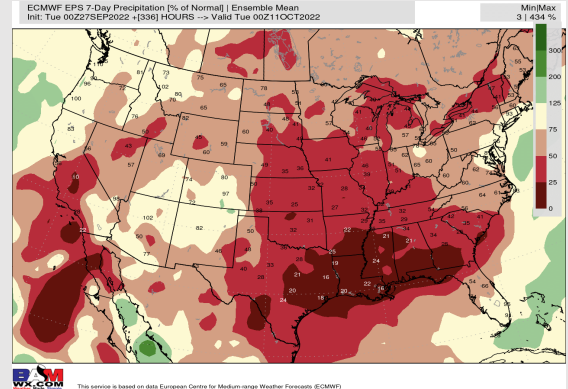
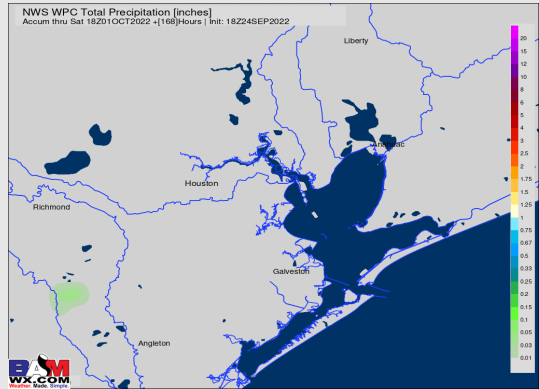
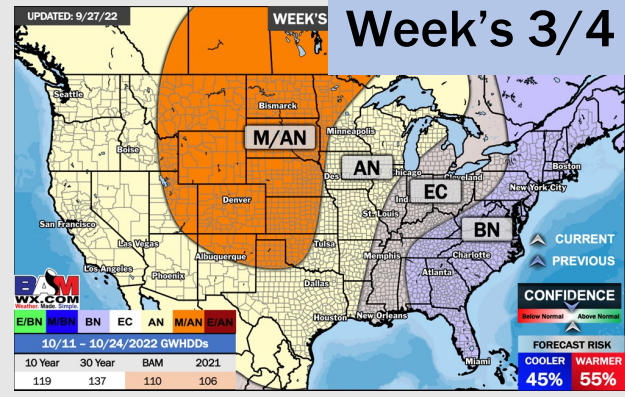
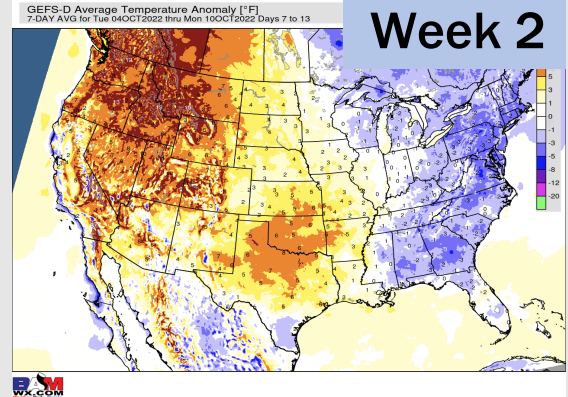
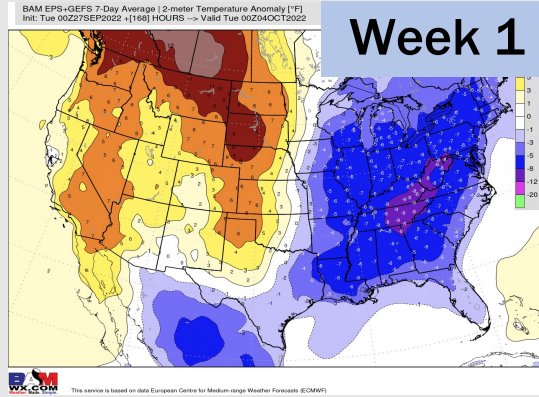


Wind Speed
9 AM CT



High Temps
Thurs

Houston Pilots: 9/27/22



- Temperatures expected to be below normal for the next week. Expecting the next several days to be drier.
- Week 2 likely features slightly above average temperatures and below normal precipitation.
- The weeks ¾ timeframe into mid October looks to feature slightly above average temperatures and below normal risks for precip.