

Houston Pilots Forecast Package

Houston Pilots

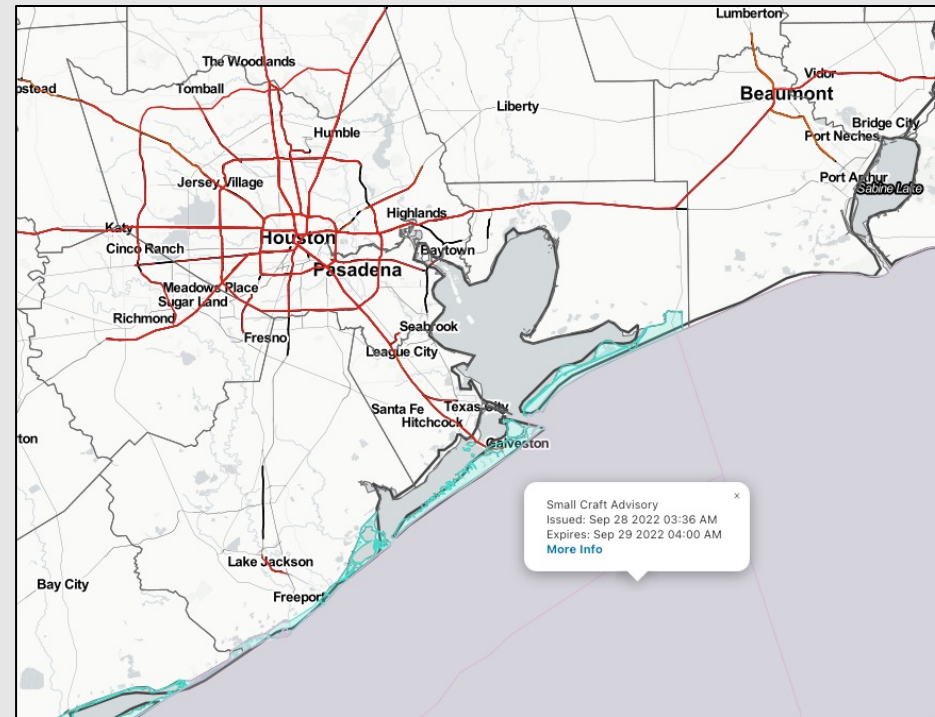
Updated: 5:00 AM CT

Wednesday, September 28, 2022

Forecaster: Vince Bryan

Weather Headlines

- Not expecting much in the way of rainfall over the next 7 days.
- 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 Friday night, more of a detailed breakdown below.
- No fog concerns moving forward.



Radar/ NWS Alerts: 5:00 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.

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

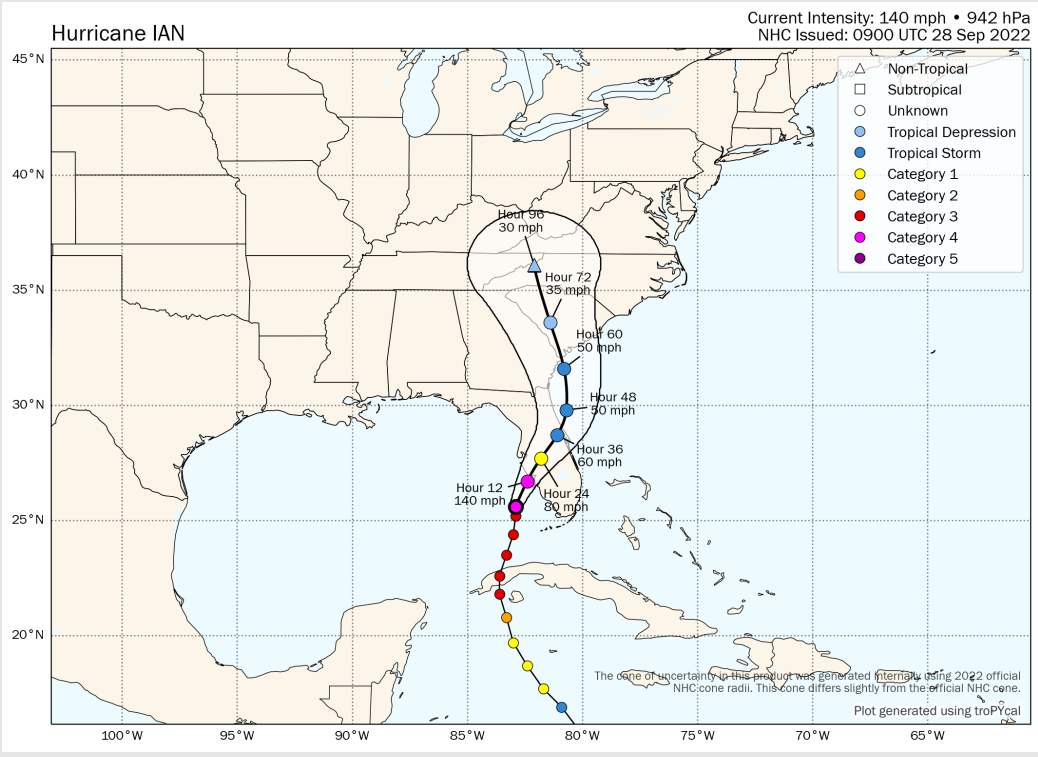
Port Condition	Trigger Definition	Trigger Reached?
Victor	Hurricane entering/developing in Gulf of Mexico that's a threat to the area	No
Whiskey	72 hours prior to predicted sustained winds of 39+ MPH	No
X-Ray	48 hours prior to predicted sustained winds of 39+ MPH or 6' wave height	No
Yankee	24 hours 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 make landfall in FL later today.
- See the daily slides for more on winds over the next 2-3 days. **Wave heights of up to 4 feet possible at the boarding station through 3 PM today, and Thu 7 AM – 3 PM, but not expected to cross 6' threshold.**

Houston Pilots Extended Range Tropical Report



Hurricane Ian Favored Track



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

Winds: Winds will continue to remain elevated through mid Friday AM, more on the slides below.

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

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

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

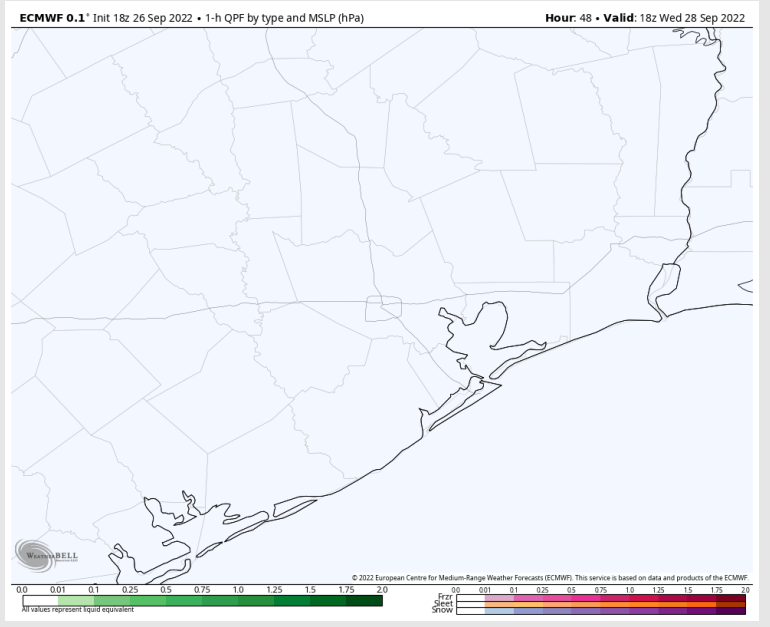
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Houston Pilots N - 610 Bridge	WS: 6 G:14 NE	WS: 5 G:13 NE	WS: 5 G:12 NE	WS: 4 G:12 ENE	WS: 5 G:13 ENE	WS: 7 G:19 ENE	WS: 8 G:17 ENE	WS: 8 G:17 ENE	WS: 8 G:13 ENE	WS: 8 G:14 ENE	WS: 7 G:14 ENE	WS: 7 G:16 ENE	WS: 7 G:17 NE	WS: 9 G:17 NNE	WS: 7 G:13 NNE	WS: 7 G:9 NE	WS: 6 G:7 NE	WS: 5 G:7 NE	WS: 5 G:7 NE	WS: 4 G:6 ENE	WS: 4 G:7 ENE	WS: 5 G:8 ENE	WS: 4 G:8 ENE	WS: 4 G:8 NE	WS: 5 G:9 NE	WS: 5 G:10 NE	WS: 6 G:11 NE	WS: 6 G:12 NE	WS: 7 G:13 NE	WS: 9 G:15 NE	WS: 9 G:15 NE	WS: 9 G:15 NE	WS: 9 G:15 NE	WS: 9 G:16 NNE	WS: 9 G:16 NNE	WS: 10 G:17 NNE	WS: 10 G:16 NNE
Houston Pilots M - Kinder 1	WS: 6 G:14 NE	WS: 5 G:13 NE	WS: 5 G:13 NE	WS: 4 G:12 ENE	WS: 5 G:13 ENE	WS: 7 G:19 ENE	WS: 8 G:18 ENE	WS: 8 G:17 ENE	WS: 8 G:14 ENE	WS: 8 G:14 ENE	WS: 7 G:14 ENE	WS: 7 G:16 ENE	WS: 7 G:17 NE	WS: 9 G:17 NNE	WS: 7 G:13 NNE	WS: 7 G:9 NE	WS: 6 G:7 NE	WS: 5 G:7 NE	WS: 4 G:7 NE	WS: 4 G:7 ENE	WS: 4 G:7 ENE	WS: 5 G:8 ENE	WS: 4 G:8 ENE	WS: 4 G:8 NE	WS: 5 G:9 NE	WS: 5 G:10 NE	WS: 6 G:11 NE	WS: 6 G:12 NE	WS: 7 G:13 NE	WS: 9 G:15 NE	WS: 9 G:15 NE	WS: 9 G:15 NE	WS: 9 G:15 NE	WS: 9 G:16 NNE	WS: 9 G:16 NNE	WS: 10 G:17 NNE	WS: 10 G:16 NNE
Houston Pilots L - Greens Bayou	WS: 6 G:14 NE	WS: 6 G:13 NE	WS: 5 G:13 NE	WS: 4 G:12 ENE	WS: 5 G:13 ENE	WS: 7 G:19 ENE	WS: 8 G:18 ENE	WS: 8 G:17 ENE	WS: 8 G:14 ENE	WS: 8 G:14 ENE	WS: 7 G:15 ENE	WS: 7 G:15 ENE	WS: 7 G:17 NNE	WS: 9 G:17 NNE	WS: 7 G:12 NNE	WS: 7 G:9 NNE	WS: 6 G:7 NE	WS: 6 G:7 NE	WS: 4 G:7 NE	WS: 4 G:7 ENE	WS: 4 G:7 ENE	WS: 5 G:8 ENE	WS: 4 G:8 ENE	WS: 5 G:8 NE	WS: 5 G:9 NE	WS: 5 G:10 NE	WS: 6 G:11 NE	WS: 6 G:12 NE	WS: 7 G:13 NE	WS: 9 G:15 NE	WS: 9 G:15 NE	WS: 9 G:15 NE	WS: 10 G:16 NNE	WS: 10 G:16 NNE	WS: 10 G:17 NNE	WS: 10 G:16 NNE	
Houston Pilots K - Shell Crude	WS: 6 G:14 NNE	WS: 6 G:13 NE	WS: 5 G:13 NE	WS: 4 G:12 ENE	WS: 4 G:13 ENE	WS: 7 G:19 ENE	WS: 8 G:18 ENE	WS: 8 G:17 ENE	WS: 9 G:15 E	WS: 9 G:15 ENE	WS: 8 G:15 ENE	WS: 7 G:14 ENE	WS: 7 G:16 NE	WS: 9 G:17 NNE	WS: 7 G:12 NNE	WS: 7 G:9 NNE	WS: 6 G:7 NE	WS: 6 G:7 NE	WS: 4 G:7 NE	WS: 4 G:7 ENE	WS: 5 G:8 ENE	WS: 5 G:9 ENE	WS: 5 G:9 ENE	WS: 5 G:10 NE	WS: 6 G:10 NE	WS: 6 G:12 NE	WS: 6 G:12 NE	WS: 7 G:13 NE	WS: 9 G:15 NE	WS: 10 G:15 NE	WS: 10 G:15 NE	WS: 10 G:16 NNE	WS: 10 G:16 NNE	WS: 10 G:17 NNE	WS: 11 G:17 NNE		
Houston Pilots J - Lynchburg Ferries	WS: 6 G:14 NNE	WS: 6 G:14 NE	WS: 5 G:13 NE	WS: 4 G:12 ENE	WS: 4 G:13 ENE	WS: 7 G:19 ENE	WS: 8 G:18 ENE	WS: 8 G:17 ENE	WS: 9 G:15 ENE	WS: 9 G:15 ENE	WS: 8 G:15 ENE	WS: 8 G:14 ENE	WS: 7 G:16 NNE	WS: 9 G:17 NNE	WS: 7 G:12 NE	WS: 7 G:8 NNE	WS: 5 G:7 NE	WS: 6 G:7 NE	WS: 5 G:7 NE	WS: 5 G:8 ENE	WS: 5 G:9 ENE	WS: 6 G:10 ENE	WS: 5 G:10 ENE	WS: 6 G:11 NE	WS: 6 G:12 NE	WS: 6 G:13 NE	WS: 7 G:14 NE	WS: 7 G:13 NE	WS: 9 G:15 NE	WS: 10 G:15 NE	WS: 10 G:15 NE	WS: 10 G:16 NNE	WS: 10 G:16 NNE	WS: 10 G:17 NNE	WS: 11 G:17 N		
Houston Pilots I - Exxon 3	WS: 6 G:15 NNE	WS: 6 G:15 NE	WS: 5 G:15 NE	WS: 4 G:14 ENE	WS: 5 G:15 ENE	WS: 8 G:20 ENE	WS: 8 G:18 ENE	WS: 9 G:18 ENE	WS: 9 G:15 E	WS: 9 G:16 E	WS: 8 G:14 ENE	WS: 7 G:13 ENE	WS: 7 G:14 NE	WS: 8 G:15 NNE	WS: 7 G:12 NNE	WS: 7 G:9 NNE	WS: 5 G:8 NNE	WS: 5 G:8 NNE	WS: 5 G:8 NE	WS: 5 G:9 ENE	WS: 6 G:11 ENE	WS: 6 G:11 ENE	WS: 6 G:11 ENE	WS: 6 G:12 NE	WS: 7 G:12 NE	WS: 7 G:13 NE	WS: 7 G:13 NE	WS: 8 G:14 NE	WS: 8 G:15 NE	WS: 10 G:16 NE	WS: 10 G:16 NE	WS: 10 G:16 NE	WS: 10 G:16 NNE	WS: 10 G:16 NNE	WS: 11 G:17 NNE	WS: 11 G:17 N	
Houston Pilots H - Morgans Point	WS: 8 G:17 NE	WS: 9 G:17 NE	WS: 9 G:18 NE	WS: 8 G:16 ENE	WS: 9 G:17 ENE	WS: 11 G:21 ENE	WS: 11 G:19 ENE	WS: 10 G:19 ENE	WS: 10 G:17 E	WS: 9 G:16 E	WS: 8 G:14 E	WS: 8 G:13 ENE	WS: 8 G:13 ENE	WS: 8 G:13 ENE	WS: 7 G:12 NNE	WS: 7 G:10 NNE	WS: 6 G:9 NE	WS: 6 G:9 NE	WS: 6 G:10 NE	WS: 7 G:11 NE	WS: 8 G:13 ENE	WS: 8 G:14 ENE	WS: 8 G:14 ENE	WS: 8 G:14 NE	WS: 9 G:15 NE	WS: 9 G:15 NE	WS: 9 G:15 NE	WS: 10 G:16 NE	WS: 10 G:16 NE	WS: 11 G:17 NE	WS: 11 G:17 NE	WS: 11 G:17 NE	WS: 11 G:17 NNE	WS: 11 G:17 NNE	WS: 11 G:17 NNE	WS: 11 G:17 NNE	
Houston Pilots G - 75/76	WS: 14 G:20 NE	WS: 16 G:20 NE	WS: 16 G:21 NE	WS: 16 G:19 ENE	WS: 17 G:21 ENE	WS: 17 G:23 ENE	WS: 16 G:21 ENE	WS: 13 G:21 ENE	WS: 11 G:17 ENE	WS: 11 G:15 ENE	WS: 9 G:15 ENE	WS: 7 G:13 ENE	WS: 7 G:13 E	WS: 6 G:11 E	WS: 7 G:11 NE	WS: 7 G:10 NE	WS: 7 G:10 NE	WS: 7 G:10 NE	WS: 8 G:12 NE	WS: 9 G:14 NE	WS: 11 G:16 ENE	WS: 12 G:17 ENE	WS: 12 G:17 ENE	WS: 12 G:17 ENE	WS: 12 G:17 ENE	WS: 13 G:18 NE	WS: 13 G:18 NE	WS: 13 G:18 NE	WS: 13 G:19 NE	WS: 13 G:18 NE	WS: 13 G:18 NE	WS: 12 G:16 NNE	WS: 12 G:16 NNE	WS: 11 G:15 NNE	WS: 11 G:15 NNE		
Houston Pilots F - 63/64	WS: 17 G:23 NE	WS: 19 G:22 NE	WS: 20 G:24 NE	WS: 19 G:23 ENE	WS: 19 G:24 ENE	WS: 19 G:24 ENE	WS: 16 G:23 ENE	WS: 13 G:21 ENE	WS: 11 G:16 ENE	WS: 10 G:13 ENE	WS: 8 G:12 ENE	WS: 6 G:11 ENE	WS: 4 G:11 SE	WS: 5 G:12 SE	WS: 5 G:11 NE	WS: 8 G:11 NE	WS: 8 G:11 NE	WS: 8 G:12 NE	WS: 9 G:13 NE	WS: 10 G:15 ENE	WS: 12 G:18 ENE	WS: 13 G:19 ENE	WS: 13 G:18 ENE	WS: 13 G:18 ENE	WS: 14 G:19 ENE	WS: 14 G:19 ENE	WS: 14 G:19 ENE	WS: 15 G:20 NE	WS: 15 G:19 NE	WS: 15 G:19 NE	WS: 15 G:19 NE	WS: 14 G:18 NNE	WS: 13 G:17 NNE	WS: 12 G:16 NNE	WS: 12 G:16 NNE		
Houston Pilots E - 51/52	WS: 18 G:25 NE	WS: 19 G:24 NE	WS: 19 G:26 NE	WS: 19 G:25 ENE	WS: 19 G:26 ENE	WS: 18 G:24 ENE	WS: 16 G:23 ENE	WS: 14 G:22 ENE	WS: 12 G:19 ENE	WS: 12 G:15 E	WS: 9 G:12 E	WS: 5 G:10 SSE	WS: 2 G:9 S	WS: 4 G:10 SSE	WS: 6 G:11 SSE	WS: 8 G:12 NE	WS: 8 G:12 NE	WS: 9 G:12 NE	WS: 10 G:14 NE	WS: 11 G:15 NE	WS: 13 G:17 ENE	WS: 14 G:18 ENE	WS: 14 G:18 ENE	WS: 14 G:19 ENE	WS: 15 G:19 ENE	WS: 15 G:19 ENE	WS: 15 G:20 NE	WS: 15 G:20 NE	WS: 15 G:20 NE	WS: 15 G:19 NE	WS: 14 G:18 NNE	WS: 14 G:18 NNE	WS: 13 G:17 NNE	WS: 13 G:17 NNE			
Houston Pilots D - 37/38	WS: 18 G:26 ENE	WS: 19 G:25 NE	WS: 20 G:27 NE	WS: 19 G:25 ENE	WS: 19 G:26 ENE	WS: 18 G:24 ENE	WS: 17 G:24 ENE	WS: 16 G:25 ENE	WS: 16 G:22 E	WS: 15 G:19 E	WS: 12 G:15 ENE	WS: 8 G:12 ESE	WS: 4 G:9 ESE	WS: 3 G:7 SSE	WS: 4 G:9 SSE	WS: 8 G:12 NE	WS: 9 G:12 NE	WS: 9 G:13 NE	WS: 11 G:14 NE	WS: 12 G:16 NE	WS: 14 G:18 ENE	WS: 15 G:19 ENE	WS: 15 G:19 ENE	WS: 15 G:19 ENE	WS: 15 G:20 NE	WS: 16 G:20 NE	WS: 16 G:20 NE	WS: 16 G:20 NE	WS: 16 G:20 NE	WS: 16 G:20 NE	WS: 16 G:20 NNE	WS: 15 G:19 NNE	WS: 14 G:18 NNE	WS: 14 G:18 NNE	WS: 13 G:17 NNE		
Houston Pilots C - 25/26	WS: 17 G:27 NE	WS: 18 G:26 NE	WS: 18 G:26 NE	WS: 17 G:26 ENE	WS: 17 G:26 ENE	WS: 16 G:25 ENE	WS: 15 G:25 ENE	WS: 17 G:26 ENE	WS: 16 G:20 ENE	WS: 14 G:17 E	WS: 11 G:14 E	WS: 7 G:11 E	WS: 4 G:8 E	WS: 2 G:7 SE	WS: 8 G:12 NE	WS: 9 G:12 NE	WS: 9 G:13 NE	WS: 11 G:14 NE	WS: 12 G:16 NE	WS: 14 G:18 ENE	WS: 15 G:19 ENE	WS: 15 G:19 ENE	WS: 15 G:19 ENE	WS: 16 G:20 NE	WS: 16 G:20 NE	WS: 16 G:20 NE	WS: 17 G:21 NE	WS: 17 G:21 NE	WS: 17 G:21 NE	WS: 16 G:20 NE	WS: 16 G:20 NE	WS: 15 G:19 NNE	WS: 15 G:19 NNE	WS: 14 G:18 NNE	WS: 14 G:18 N		
Houston Pilots B - 11/12	WS: 19 G:28 NE	WS: 18 G:27 NE	WS: 18 G:27 NE	WS: 17 G:26 NE	WS: 17 G:27 ENE	WS: 17 G:25 ENE	WS: 18 G:26 ENE	WS: 18 G:27 ENE	WS: 18 G:24 ENE	WS: 17 G:21 ENE	WS: 15 G:18 E	WS: 12 G:14 E	WS: 10 G:13 E	WS: 6 G:10 E	WS: 2 G:8 ESE	WS: 9 G:13 NE	WS: 10 G:13 NE	WS: 10 G:14 NE	WS: 12 G:15 NE	WS: 13 G:17 NE	WS: 15 G:19 ENE	WS: 16 G:20 ENE	WS: 16 G:20 ENE	WS: 16 G:20 ENE	WS: 17 G:21 NE	WS: 17 G:21 NE	WS: 17 G:21 NE	WS: 17 G:21 NE	WS: 17 G:21 NE	WS: 17 G:21 NE	WS: 16 G:20 NNE	WS: 16 G:20 NNE	WS: 15 G:19 NNE	WS: 14 G:18 NNE			
Houston Pilots A - 1 & 2 Bravo	WS: 25 G:30 NE	WS: 24 G:29 NE	WS: 24 G:31 NE	WS: 23 G:29 NE	WS: 24 G:29 ENE	WS: 23 G:27 ENE	WS: 22 G:28 ENE	WS: 21 G:29 ENE	WS: 21 G:23 ENE	WS: 17 G:21 ENE	WS: 14 G:17 E	WS: 13 G:16 E	WS: 11 G:15 E	WS: 11 G:12 ENE	WS: 10 G:15 NNE	WS: 13 G:16 NE	WS: 15 G:18 NE	WS: 16 G:19 NE	WS: 18 G:20 ENE	WS: 18 G:20 ENE	WS: 18 G:22 ENE	WS: 18 G:22 ENE	WS: 19 G:22 NE	WS: 19 G:21 NE	WS: 19 G:21 NE	WS: 19 G:21 NE	WS: 19 G:22 NE	WS: 19 G:22 NE	WS: 18 G:21 NE	WS: 18 G:21 NE	WS: 17 G:20 NNE	WS: 16 G:20 NNE	WS: 16 G:20 NNE	WS: 15 G:19 NNE	WS: 15 G:18 NNE		

See slides below for official thoughts on winds.

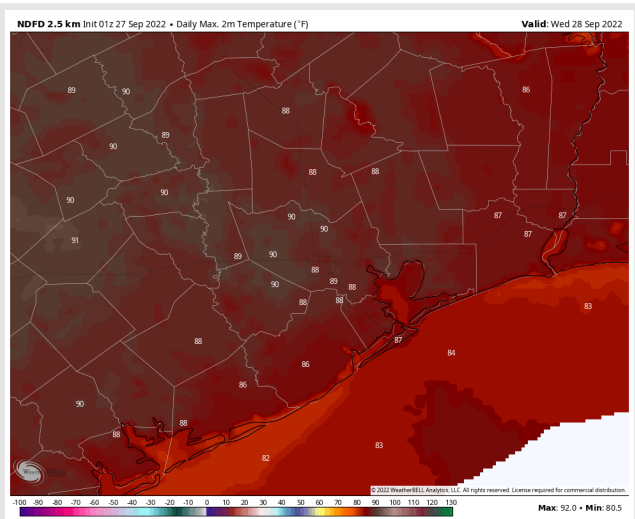
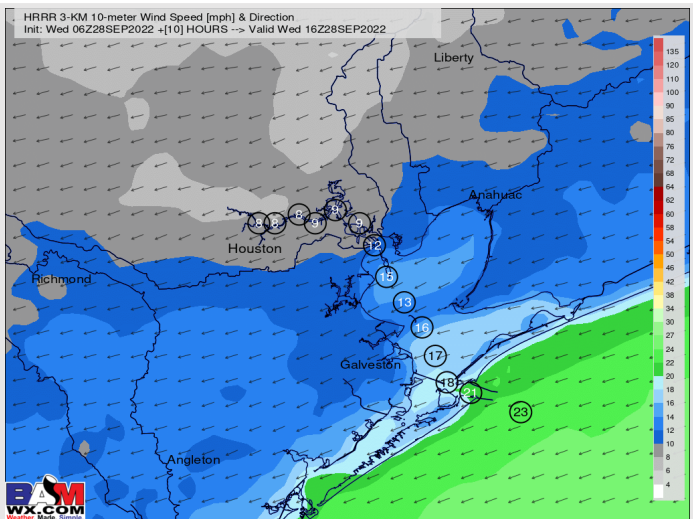
Forecast Discussion

- Precip:** Anticipating dry conditions all day today.
- Wind:** Winds this morning are sustained 18-23 MPH out of the ENE for stations south of Morgan's Point (and gusts 23-28 MPH), while stations north of Morgan's Point will see 8-13 MPH winds. Near 4 PM and for the rest of the PM hours, winds are 10-15 MPH with occasional gusts higher at the boarding station. After 9 PM winds will again pick up to 18 - 23 MPH out of the NE. A few gusts to 30 MPH possible 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
10 AM CT



High Temps
Today

Houston Pilots: Thurs. 9/29/2022



Forecast Discussion

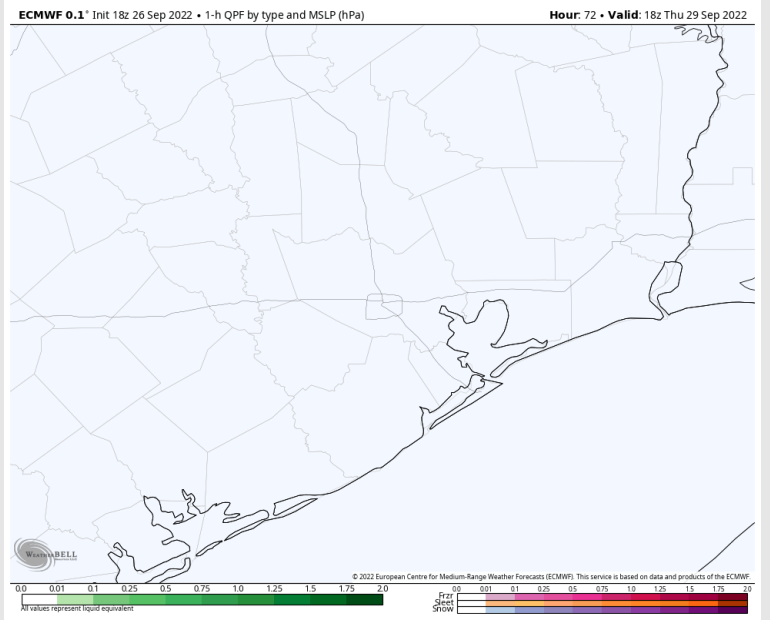
Precip: Anticipating dry conditions across the area throughout the day Thursday.

Wind: Sustained winds out of the ENE 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 7 PM. After 7 PM, winds pick back up to 18-23 MPH for the rest of the evening with gusts 23 - 28 MPH . Winds North of Morgan's Point 5-10 MPH all day with a few gusts to 15 MPH possible.

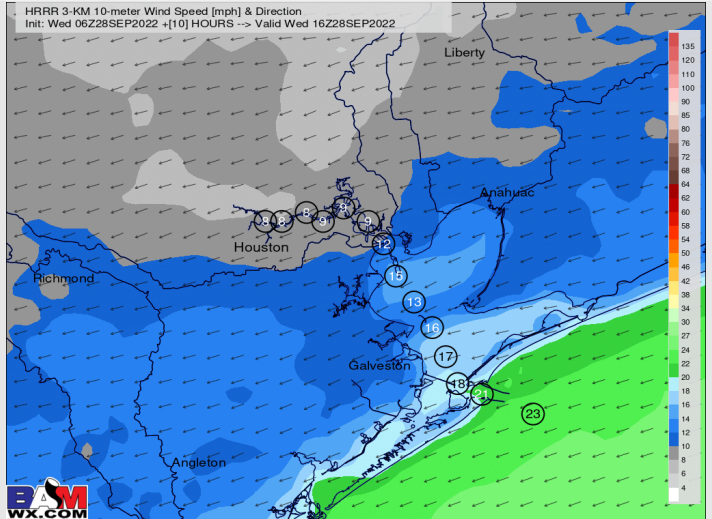
Temps: High temps Thursday in the low 80s F near the Boarding Station and in the mid 80s at all other stations.

Visibility: Not anticipating fog concerns at this time.

Precip Forecast: 1 PM CT

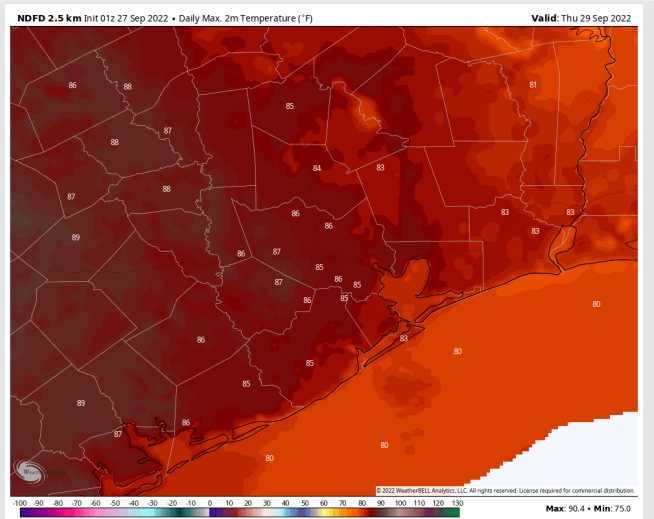


HRRR 3-KM 10-meter Wind Speed [mph] & Direction
Init: Wed 06Z28SEP2022 +[10] HOURS -> Valid Wed 16Z28SEP2022



Wind Speed
9 AM CT

NDFD 2.5 km Init 01Z 27 Sep 2022 • Daily Max. 2m Temperature (°F) Valid: Thu 29 Sep 2022



High Temps
Thurs

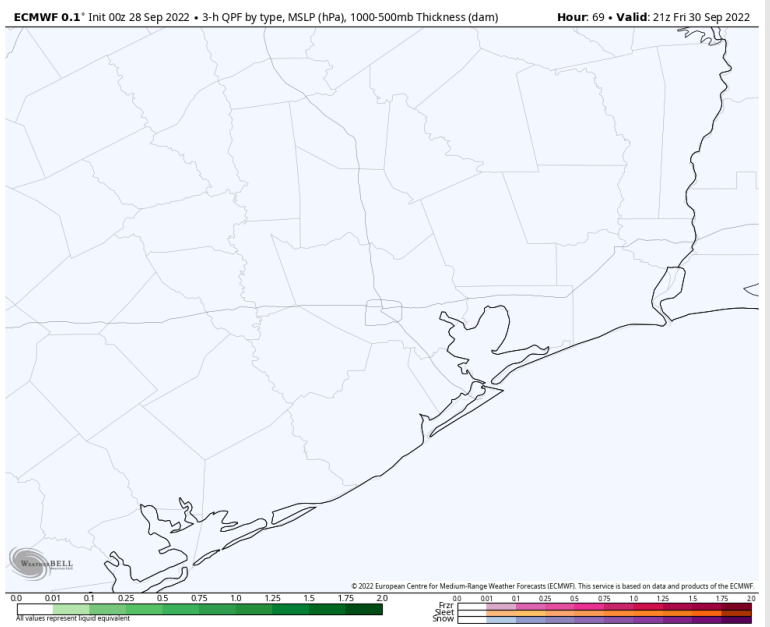
Houston Pilots: Fri. 9/30/2022



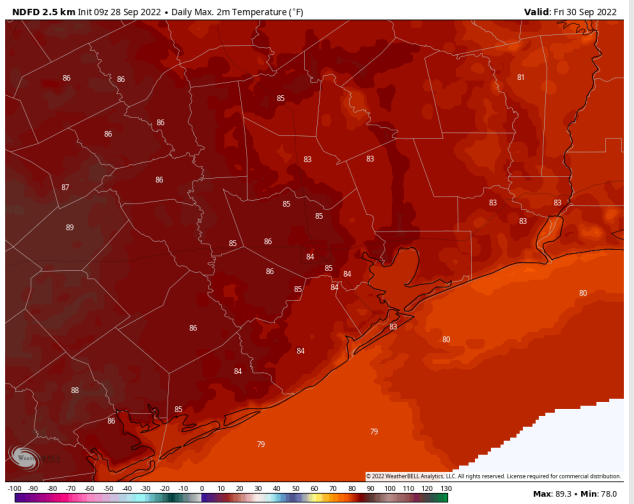
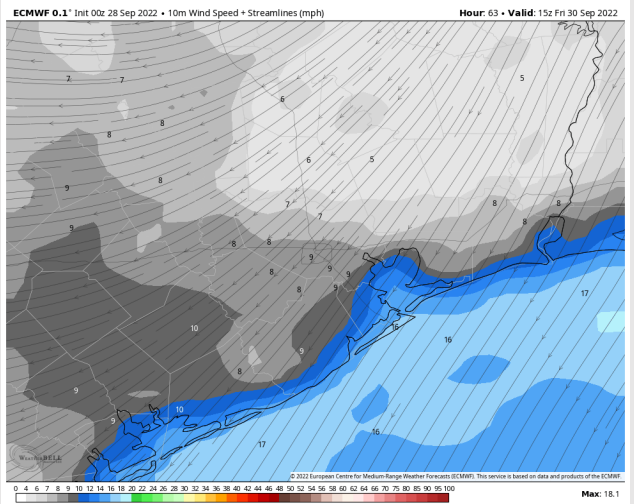
Forecast Discussion

- Precip:** Anticipating dry conditions all day today.
- Wind:** Sustained winds out of the NE at 15-20 MPH for stations South of Morgan's Point until 12 PM (gusts 20 – 25 MPH possible). From 12-4 PM, winds at 10-15 MPH. After 8 PM, winds increase to 13-18 MPH (gusts 18-23 MPH possible). Winds North of Morgan's Point at 5-10 MPH all day.
- Temps:** High temperatures near 80 F near the boarding station and mid 80s at all other stations.
- Visibility:** Not anticipating fog concerns at this time.

Precip Forecast: 4 PM CT

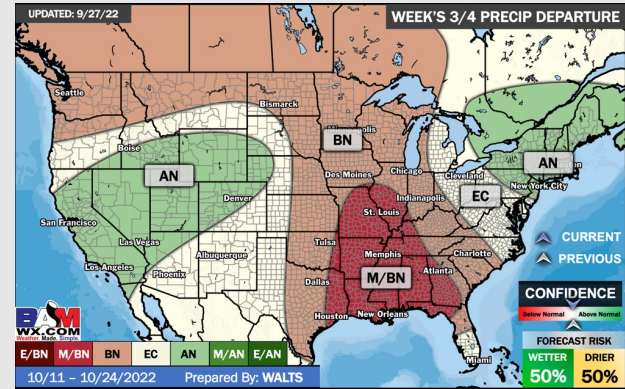
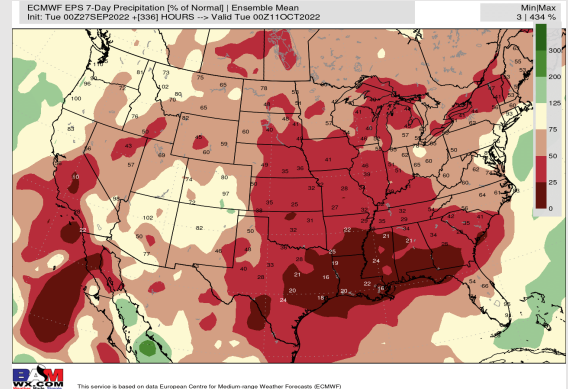
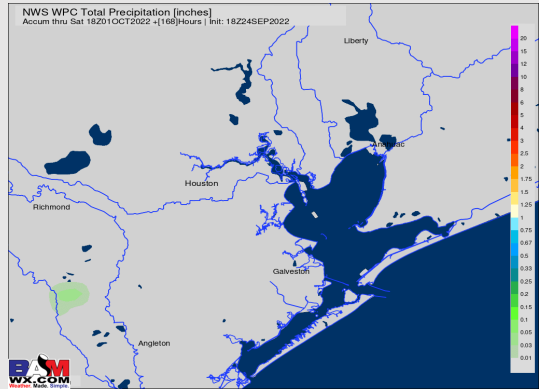
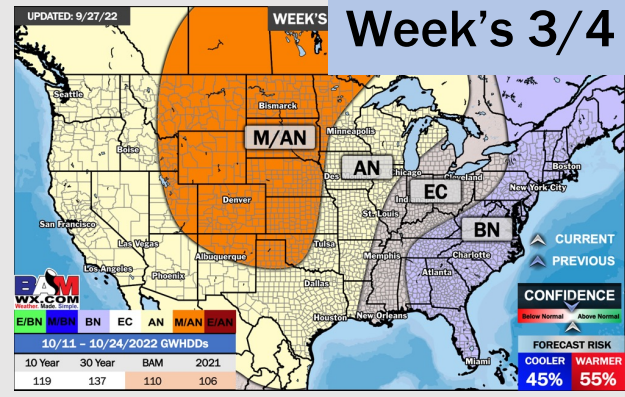
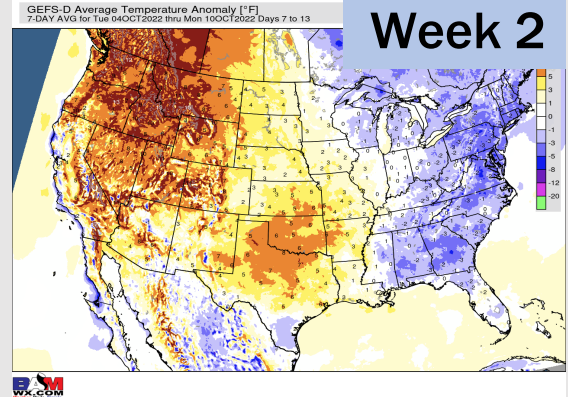
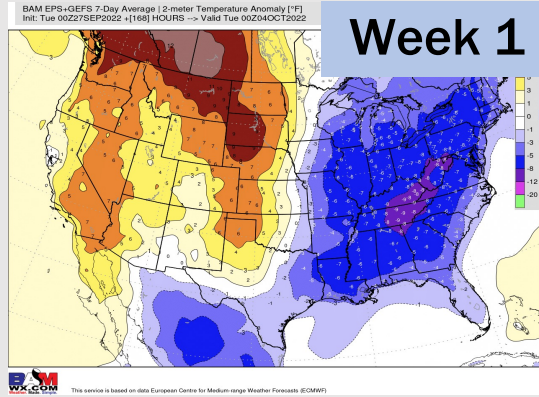


Wind Speed 10 PM CT



High Temps Friday

Houston Pilots: 9/28/22



- 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.