

Houston Pilots Forecast Package



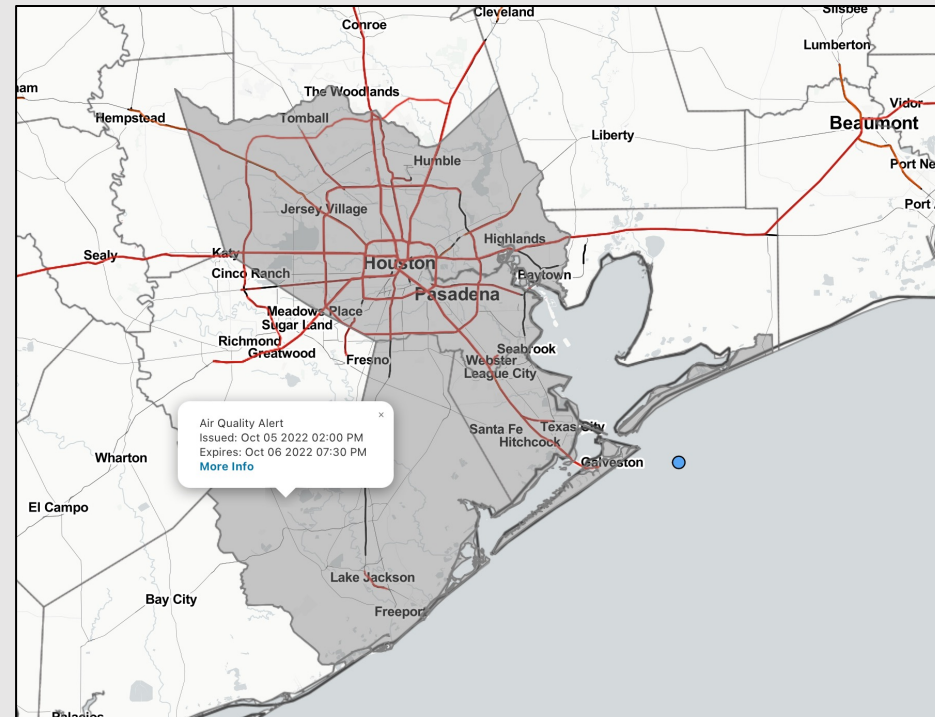
Updated: 9:15 PM CT

Wednesday, October 5, 2022

Forecaster: John Kemper

Weather Headlines

- **Areas of Patchy Fog Possible Thursday Morning (See Reduced Visibility Slide)**
- Favoring a dry next several days.
- No direct tropical activity is favored in SE TX over the next 7-10 days. Monitoring the E. Atlantic for potential development beyond the 10 day period.
- Calmer winds expected for the Houston area over the next few days.



Radar/ NWS Alerts: 9:00 PM CT

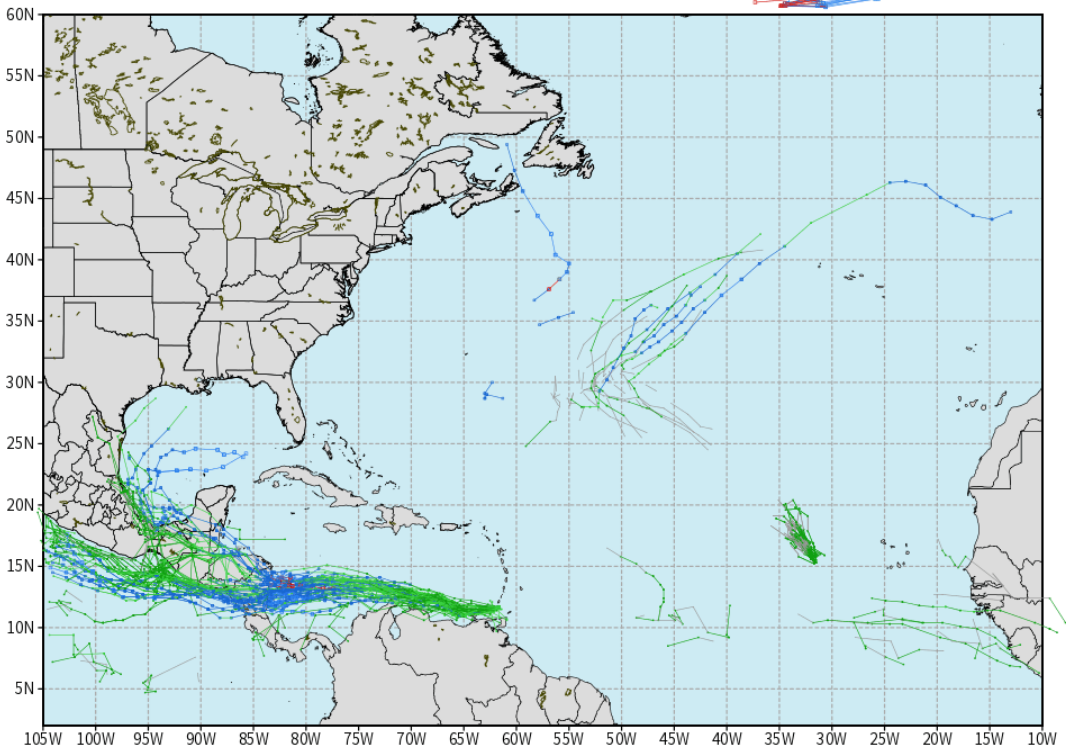


As always, please do not hesitate to reach out to us with any forecast questions via the chat option on the Weather Porthole or our on-call number, **(317)-560-8122** press 1 for forecast questions.

European Data Tracks Next 10 Days

ECMWF ATLANTIC EPS Cyclone Locations --> Next [10-days]
INIT: Open --> UNTIL Open

- o-o ENSEMBLE MEAN
- o-o 1000 - 1010 hPa
- o-o 980 - 999 hPa
- o-o 960 - 979 hPa
- o-o 950 - 959 hPa
- o-o < 950 hPa



weathermodels.com

There are no tropical threats for SE TX over the next 7-10 days. Monitoring Central America for potential impacts from a tropical system ~5-7 days from now, however this is not a risk for SE TX.

Confidence

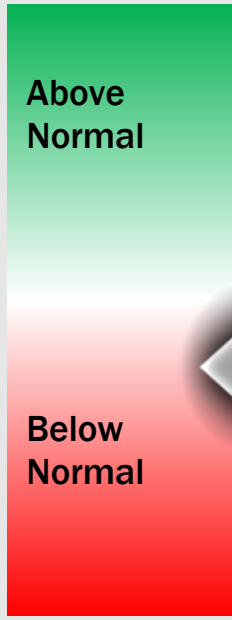
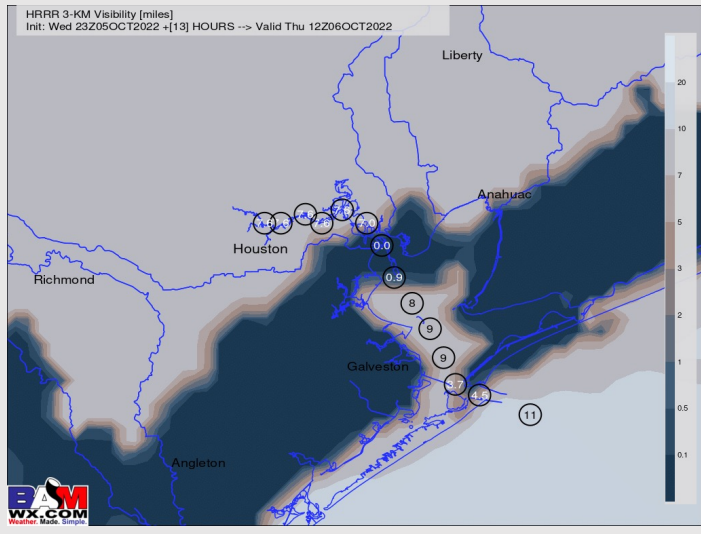
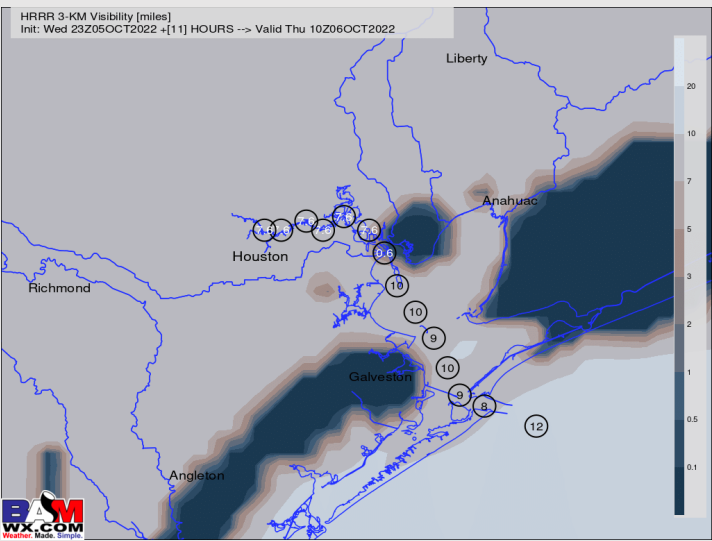
Above Normal Below Normal

Houston Pilots Visibility Report



5 AM CT THU Visibility (miles) 7 AM CT THU Visibility (miles)

Confidence



Reduced Visibility Threat

5-6 AM THU ~ 9 AM THU

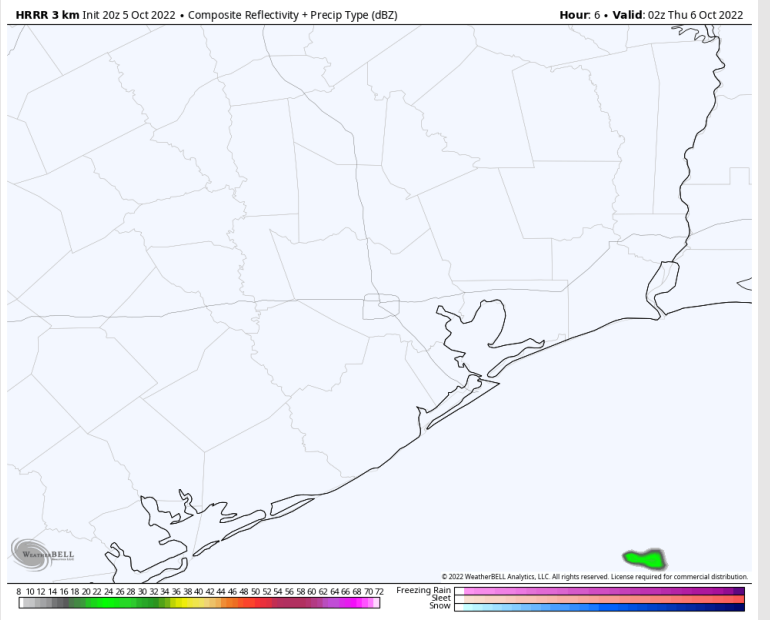
Low to Medium

- Majority of data continues to suggest areas of fog, with greatest widespread risk to the east and west of the bay area.
- While model/application may be a bit aggressive with this setup, localized areas of patchy fog with visibilities less than <3mi will be possible for stations 51/52 through Kinder 1 between 5AM and 9AM CT Thursday morning.
- Lower confidence still exists on how long patchy reduced visibility/fog can linger Thursday morning, but favoring areas of reduced visibility to recede no later than 9AM-CT Thursday Morning.
- Patchy fog risk may be possible once again Friday morning.

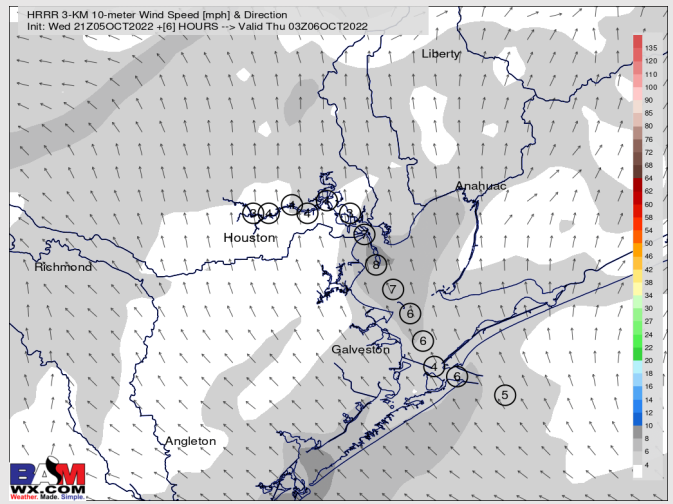
Forecast Discussion

- Precip:** Anticipating dry conditions the rest of the PM.
- Wind:** Sustained winds out of the SE at 5-10 MPH through the rest of the evening. Gusts 10 – 15 MPH will be possible until 11 PM.
- Temps:** Low temps in the mid 70s F near the boarding station and in the mid 60s F at all other stations.
- Visibility:** Pockets of patchy fog possible for stations 51/52 through Kinder 1 from 5AM-CT through 9AM-CT Thursday Morning.

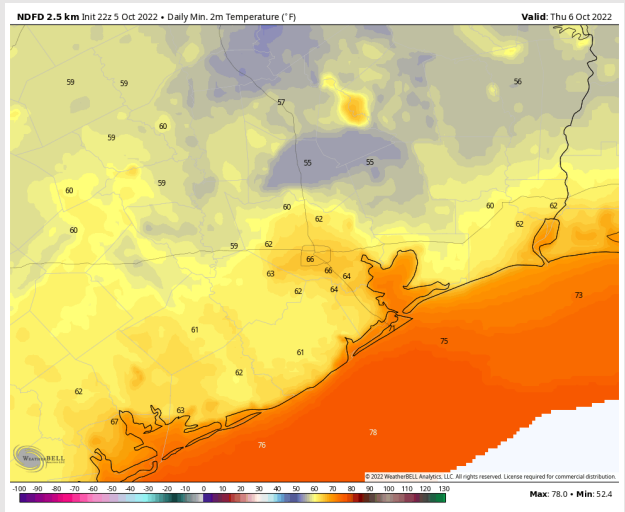
Precip Forecast: 9 PM CT



Wind Speed
10 PM CT



Low Temps
THU AM



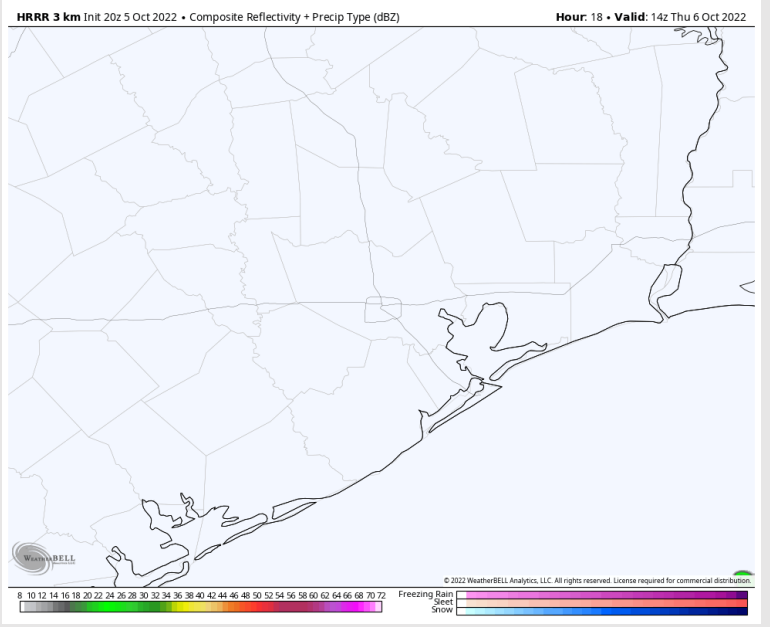
Houston Pilots: Thurs. 10/6/2022



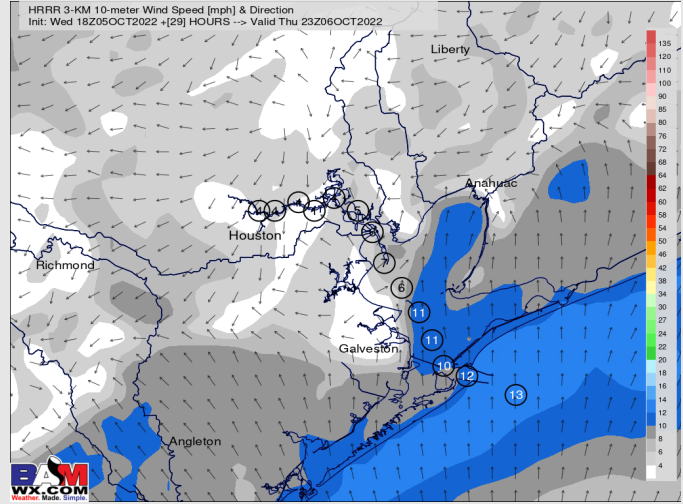
Forecast Discussion

- Precip:** Anticipating dry conditions for the day on Thursday.
- Wind:** Expecting sustained winds of 5-8 MPH out of the SE early Thursday AM for all stations. After 5 AM, winds shift out of the NE at 5-10 MPH until 4 PM. After 4 PM, winds shift to back out of the SSE at 8-13 MPH for the rest of the day.
- Temps:** High temps hover near 80 F near the boarding station and upper 80s/ near 90 F at all other stations.
- Visibility:** Eyeing the 5-9 AM window for patchy fog near the downtown Houston area and to the west and east of the bay area. By 6-7AM, areas of patchy fog may gradually move over Stations 51/52 through Kinder 1.

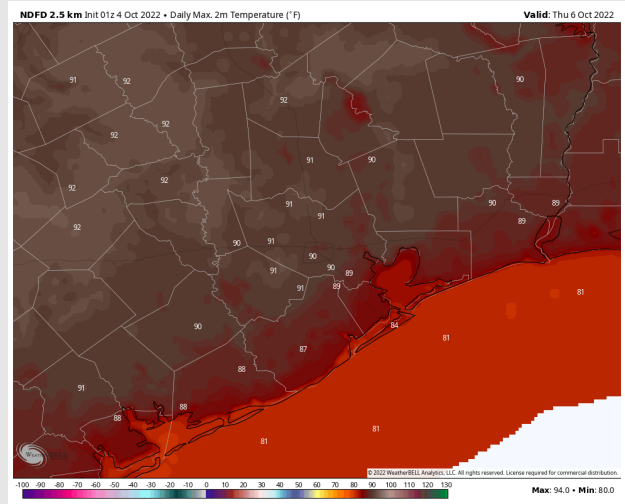
Precip Forecast: 9 AM CT



Wind Speed 6 PM CT



High Temps Thursday



Houston Pilots: Fri. 10/7/2022



Forecast Discussion

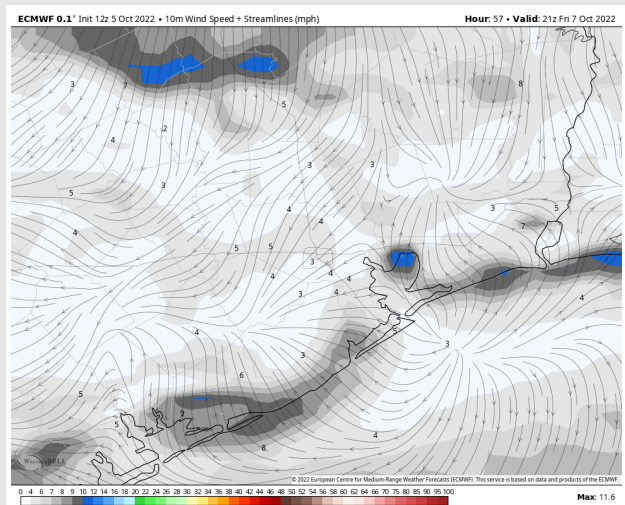
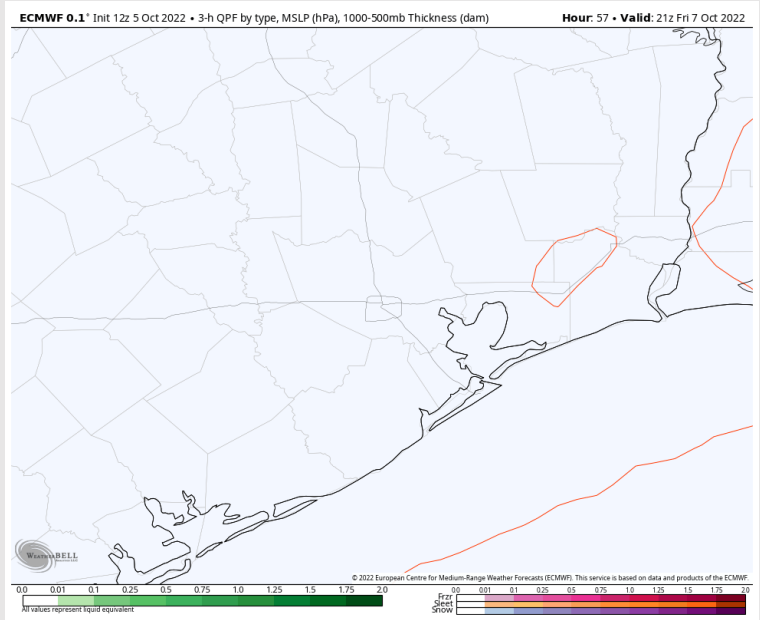
Precip: Anticipating dry conditions for Friday, but will watch for a few isolated shower chances possible after sundown Friday.

Wind: Winds 5-10 MPH out of the NW during the AM hours on Friday. After noon, winds veer to the NE and eventually to the SE by 4 PM at 3-8 MPH. Winds increase again to 6-11 MPH out of the SSE by 7 PM through the rest of the evening hours.

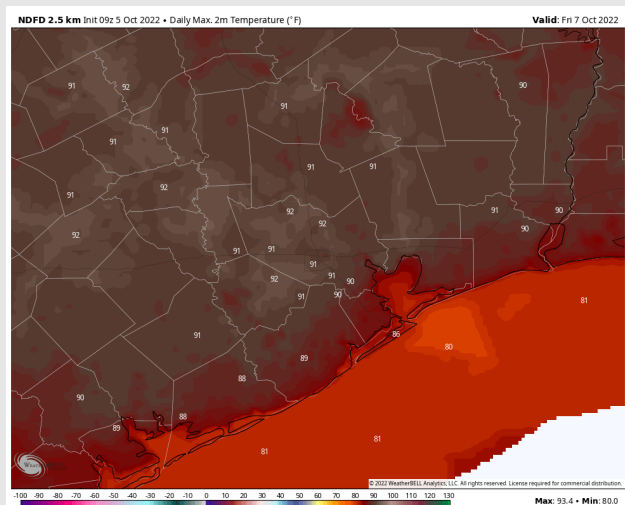
Temps: High temperatures in the low 80s near the boarding station and low 90s at all other stations.

Visibility: Not anticipating fog concerns at this time.

Precip Forecast: 4 PM CT

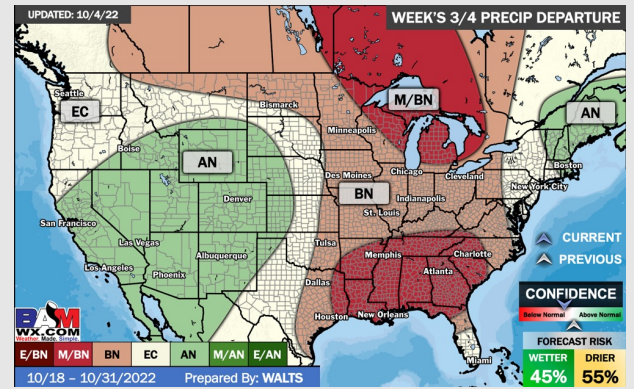
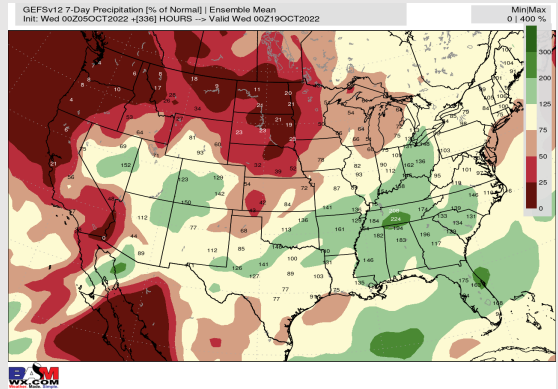
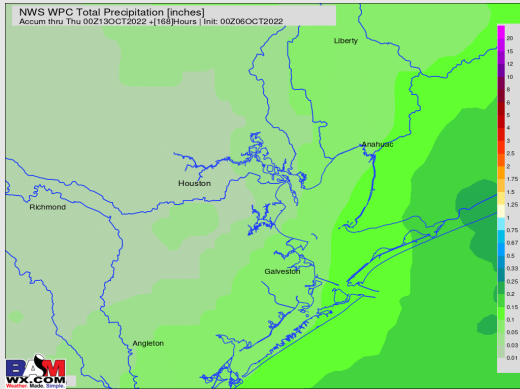
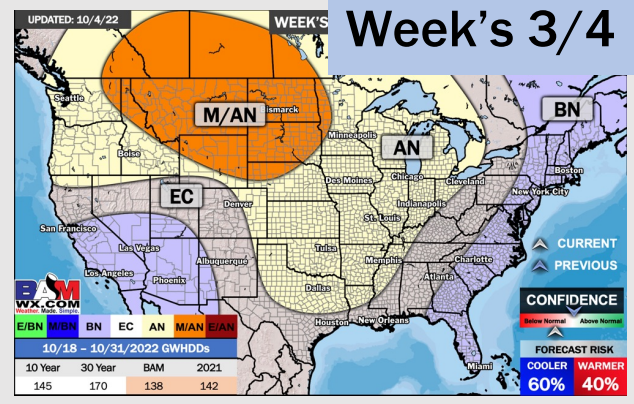
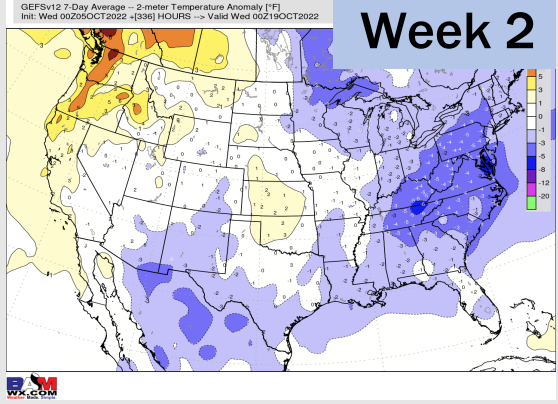
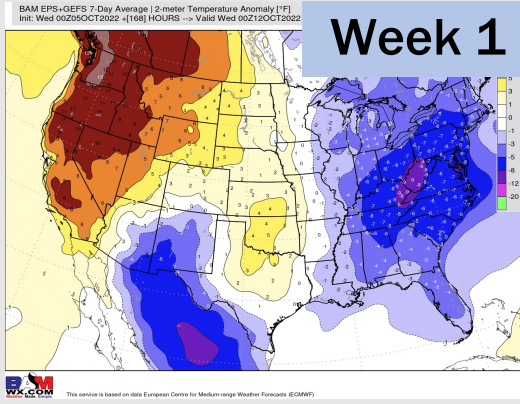


Wind Speed
4 PM CT



High Temps
Friday

Houston Pilots: 10/5/22



- Temperatures expected to be near normal for the next week. Expecting the next several days to be drier with chances for rain Wed.-Thur. next week.
- Week 2 likely features below normal temperatures and below normal precipitation.
- The weeks ¾ timeframe into late October looks to feature below normal temperatures and below normal risks for precip.