

# Houston Pilots Forecast Package



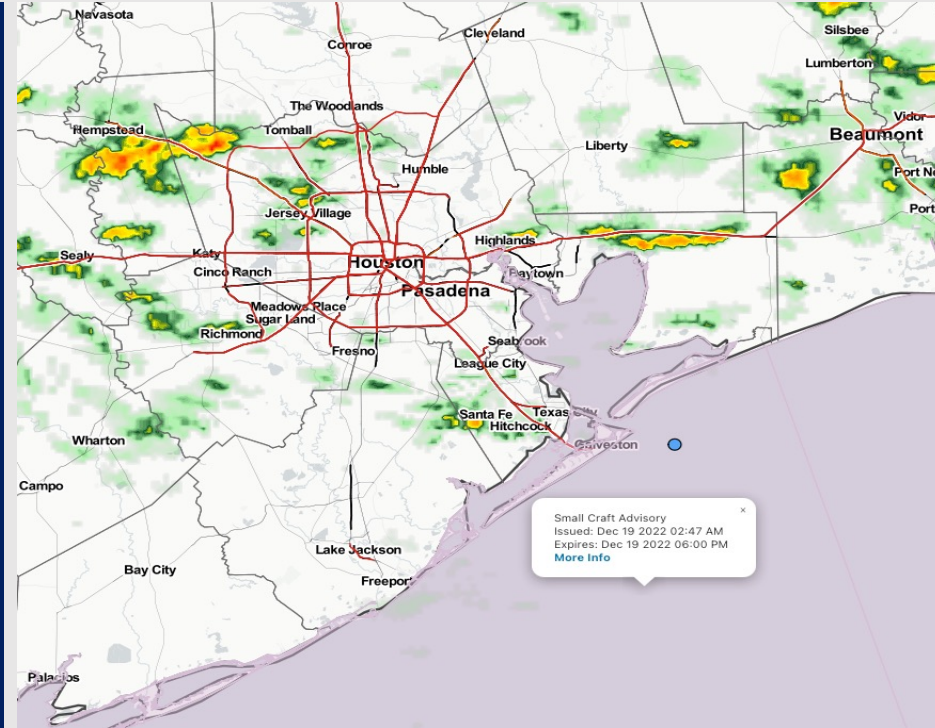
Updated: 5:00 AM CT

Monday, December 19, 2022

Forecaster: Vince Bryan

## Weather Headlines

- Expecting a wet day across the Houston Metro area with the best shot at more widespread rain coming 11A – 6 PM. A few thunderstorms are certainly possible.
- Today will hold elevated winds with some gusts of 25-30+ knots being possible (isolated higher in any thunderstorms cannot be ruled out).
- The pattern ahead looks rather unfavorable for fog. We will watch trends closely, but a primarily Northerly wind with drier air should really limit fog chances over the next 7-10 days.
- Towards the end of the week temperatures are expected to be well below average.
- Eyeing 40-50 MPH potential gusts late Thursday night into early Friday morning, more details to come.



## 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 Extended Range Visibility Report



## Thursday 12/22/22

No Fog expected for Thursday.



## Friday 12/23/22

No Fog expected for Friday.



## Saturday 12/24/22

No Fog expected for Saturday.



## Chance for Reduced Visibility

|             |          |
|-------------|----------|
| Thursday AM | Unlikely |
| Thursday PM | Unlikely |
| Friday AM   | Unlikely |
| Friday PM   | Unlikely |
| Saturday AM | Unlikely |
| Saturday PM | Unlikely |

# Houston Pilots Visibility Report



| Time              | Mon 3am | Mon 4am | Mon 5am | Mon 6am | Mon 7am | Mon 8am | Mon 9am | Mon 10am | Mon 11am | Mon 12pm | Mon 1pm | Mon 2pm | Mon 3pm | Mon 4pm | Mon 5pm | Mon 6pm | Mon 7pm | Mon 8pm | Mon 9pm | Mon 10pm | Mon 11pm | Tue 12am | Tue 1am | Tue 2am | Tue 3am | Tue 4am | Tue 5am | Tue 6am | Tue 7am | Tue 8am | Tue 9am | Tue 10am | Tue 11am | Tue 12pm | Tue 1pm | Tue 2pm |   |   |
|-------------------|---------|---------|---------|---------|---------|---------|---------|----------|----------|----------|---------|---------|---------|---------|---------|---------|---------|---------|---------|----------|----------|----------|---------|---------|---------|---------|---------|---------|---------|---------|---------|----------|----------|----------|---------|---------|---|---|
| 610 Bridge        | 10      | 10      | 10      | 10      | 10      | 10      | 10      | 6        | 4        | 3        | 2       | 2       | 2       | 3       | 3       | 3       | 4       | 4       | 4       | 3        | 3        | 3        | 2       | 2       | 2       | 2       | 2       | 3       | 1       | 0.52    | 2       | 3        | 5        | 10       | 9       | 10      |   |   |
| Kinder 1          | 10      | 10      | 10      | 10      | 10      | 10      | 10      | 6        | 4        | 3        | 2       | 2       | 2       | 3       | 3       | 3       | 5       | 5       | 5       | 4        | 5        | 4        | 4       | 3       | 4       | 4       | 4       | 4       | 3       | 2       | 3       | 5        | 5        | 9        | 9       | 9       |   |   |
| Greens Bayou      | 10      | 10      | 10      | 10      | 10      | 10      | 10      | 6        | 4        | 3        | 2       | 2       | 2       | 3       | 3       | 3       | 6       | 6       | 6       | 6        | 5        | 5        | 5       | 5       | 5       | 5       | 6       | 6       | 5       | 5       | 6       | 6        | 7        | 9        | 9       | 9       |   |   |
| Shell Crude       | 10      | 10      | 10      | 10      | 10      | 10      | 10      | 6        | 4        | 3        | 2       | 2       | 2       | 3       | 3       | 4       | 8       | 8       | 8       | 8        | 7        | 7        | 8       | 8       | 8       | 8       | 8       | 8       | 8       | 8       | 9       | 9        | 9        | 9        | 9       | 9       | 9 |   |
| Lynchburg Ferries | 10      | 10      | 10      | 10      | 10      | 10      | 10      | 6        | 4        | 3        | 2       | 2       | 2       | 3       | 3       | 4       | 8       | 8       | 8       | 8        | 7        | 7        | 8       | 8       | 8       | 8       | 8       | 8       | 8       | 8       | 9       | 9        | 9        | 9        | 9       | 9       | 9 |   |
| Exxon 3           | 10      | 10      | 10      | 10      | 10      | 10      | 10      | 6        | 4        | 3        | 2       | 2       | 2       | 2       | 3       | 4       | 8       | 8       | 8       | 8        | 7        | 7        | 8       | 8       | 8       | 8       | 8       | 8       | 8       | 8       | 9       | 9        | 9        | 9        | 9       | 9       | 9 |   |
| Morgans Point     | 10      | 10      | 10      | 10      | 10      | 10      | 10      | 6        | 4        | 3        | 3       | 2       | 2       | 2       | 3       | 4       | 8       | 8       | 8       | 8        | 7        | 7        | 8       | 8       | 8       | 8       | 8       | 8       | 8       | 8       | 9       | 9        | 9        | 9        | 9       | 9       | 9 |   |
| 75/76             | 10      | 10      | 10      | 10      | 10      | 10      | 10      | 6        | 4        | 3        | 3       | 2       | 2       | 2       | 3       | 4       | 8       | 8       | 8       | 8        | 7        | 7        | 8       | 8       | 8       | 8       | 8       | 8       | 8       | 8       | 9       | 9        | 9        | 9        | 9       | 9       | 9 |   |
| 63/64             | 10      | 10      | 10      | 10      | 10      | 10      | 10      | 6        | 4        | 3        | 3       | 2       | 2       | 2       | 3       | 3       | 8       | 8       | 8       | 8        | 7        | 7        | 8       | 8       | 8       | 8       | 8       | 8       | 8       | 8       | 8       | 9        | 9        | 9        | 9       | 9       | 9 | 9 |
| 51/52             | 10      | 10      | 10      | 10      | 10      | 10      | 10      | 6        | 4        | 3        | 3       | 2       | 2       | 2       | 2       | 2       | 8       | 8       | 8       | 8        | 7        | 7        | 8       | 8       | 8       | 8       | 8       | 8       | 8       | 8       | 8       | 9        | 9        | 9        | 9       | 9       | 9 | 9 |
| 37/38             | 10      | 10      | 10      | 10      | 10      | 10      | 10      | 6        | 4        | 4        | 3       | 2       | 2       | 2       | 2       | 2       | 8       | 8       | 8       | 8        | 7        | 7        | 8       | 8       | 8       | 8       | 8       | 8       | 8       | 8       | 8       | 9        | 9        | 9        | 9       | 9       | 9 | 9 |
| 25/26             | 10      | 10      | 10      | 10      | 10      | 10      | 8       | 6        | 4        | 4        | 3       | 2       | 2       | 1       | 2       | 2       | 8       | 7       | 8       | 8        | 7        | 7        | 8       | 8       | 8       | 8       | 8       | 8       | 8       | 8       | 8       | 9        | 9        | 9        | 9       | 9       | 9 | 9 |
| 11/12             | 10      | 10      | 10      | 10      | 10      | 10      | 8       | 6        | 5        | 4        | 3       | 2       | 2       | 2       | 3       | 3       | 8       | 5       | 8       | 8        | 7        | 7        | 8       | 8       | 8       | 8       | 8       | 8       | 8       | 8       | 8       | 9        | 9        | 9        | 9       | 9       | 9 | 9 |
| 1 & 2 Bravo       | 10      | 10      | 10      | 10      | 10      | 9       | 6       | 6        | 5        | 5        | 3       | 2       | 2       | 3       | 3       | 4       | 8       | 6       | 4       | 8        | 7        | 7        | 8       | 8       | 8       | 8       | 8       | 8       | 8       | 8       | 8       | 8        | 9        | 9        | 9       | 9       | 9 | 9 |



## Forecast Discussion

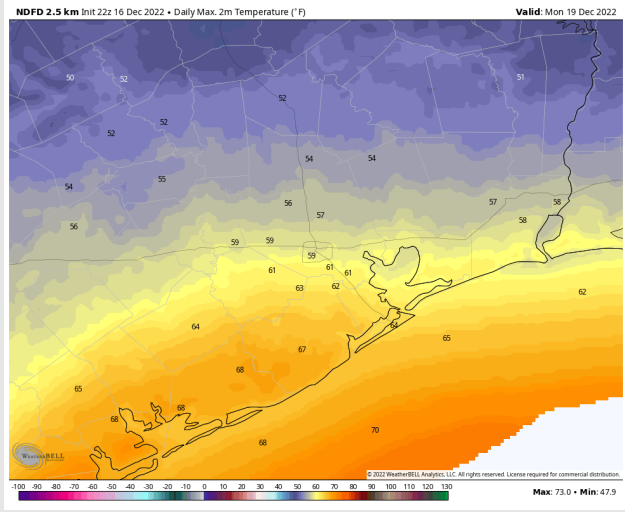
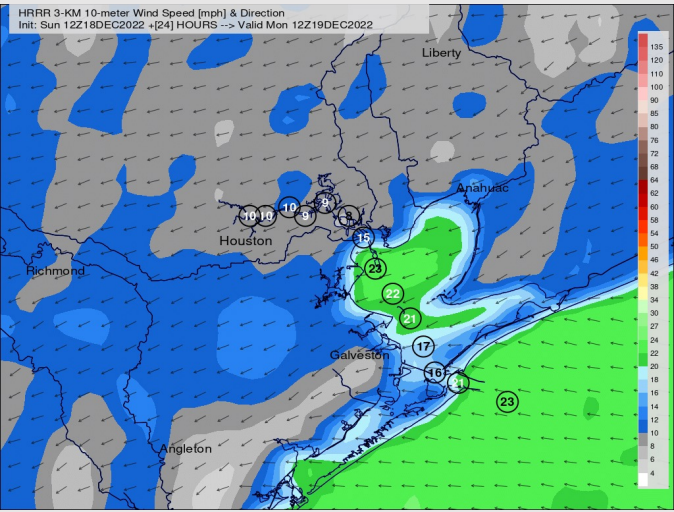
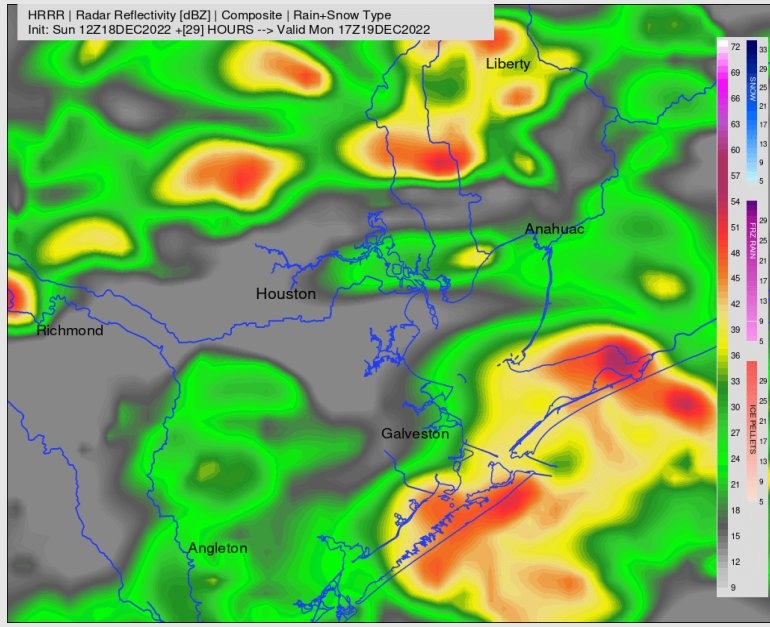
**Precip:** Hit and miss rain showers have worked into the area and as the day progresses, shower chances will increase. The greatest chance of seeing a few thunderstorms between 11 AM – 6 PM. Out through 2 AM, showers will gradually taper off, yielding dry conditions for the rest of the overnight.

**Wind:** Sustained winds out of the ENE for the majority of the day. Expecting a general wind of 18-23 knots today for stations S of Morgan's Point, 10-15 kts North of there. **Gusts at the boarding station of 25-30 knots will be possible most of the day.** Towards the midnight hour winds will begin to subside to 7 – 10 kts N of Morgan's Point and 14 – 18 kts S of Morgan's Point.

**Temps:** High temps will be in the upper 50s F / low 60s F for most stations with the Boarding Station seeing a high in the mid 60s F.

**Visibility:** Not anticipating any visibility concerns at this time.

## Precip Forecast: 2 PM CT



Wind Speed  
8 AM CT

High Temps

# Houston Pilots: Tue. 12/20/2022



## Forecast Discussion

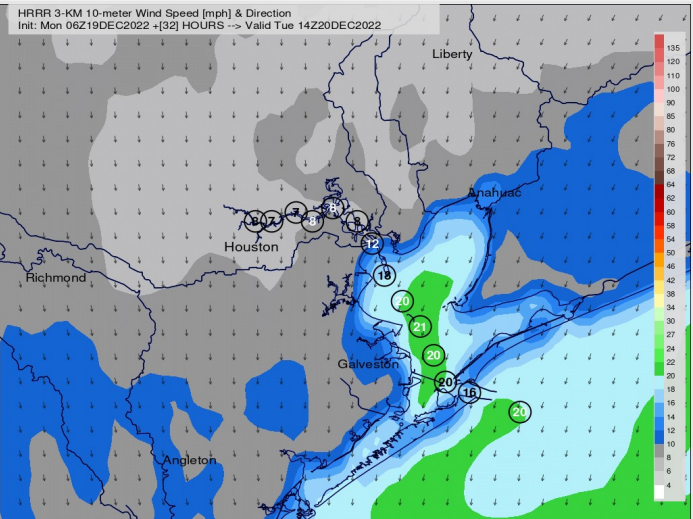
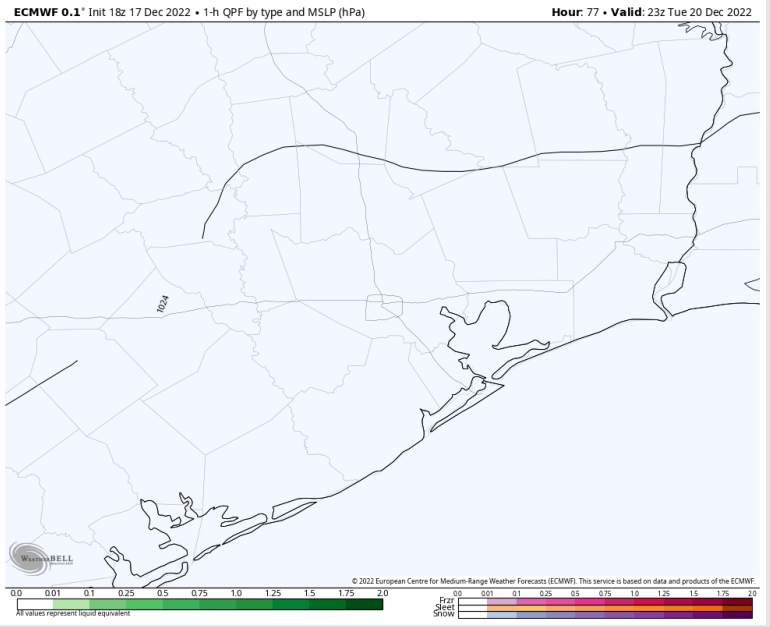
**Precip:** A slight (20%) chance for lingering showers during the morning from 12 AM – 3 AM. After this timeframe, anticipating dry conditions.

**Wind:** Favoring sustained winds from the north to NNE for the day. Winds north of Morgan’s point will be at 7 – 12 kts, while winds S of Morgan’s point will be elevated at 12 – 17 kts. At around 5 PM, winds will calm slightly North of Morgan’s point to 4 – 8 kts. Wind gusts of 17 – 22 kts will be possible across all stations during the 10 AM – 5 PM timeframe.

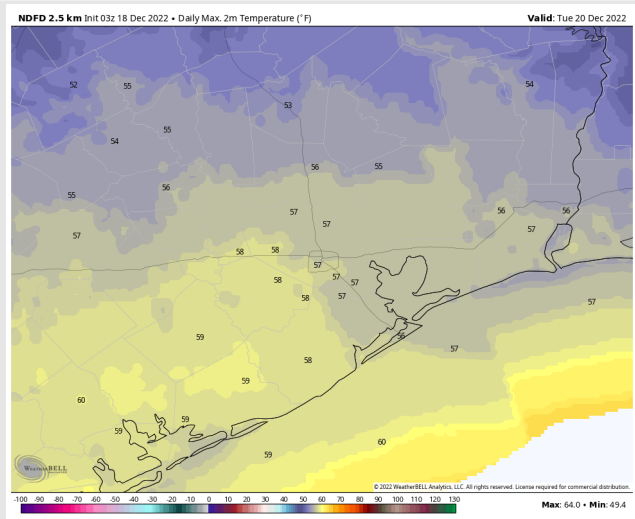
**Temps:** High temps on Tuesday will be in the mid to upper 50s F across all stations.

**Visibility:** Not anticipating any visibility concerns.

## Precip Forecast: 4 PM CT



**Wind Speed  
8 AM CT**



**Low Temps  
Sunday AM**

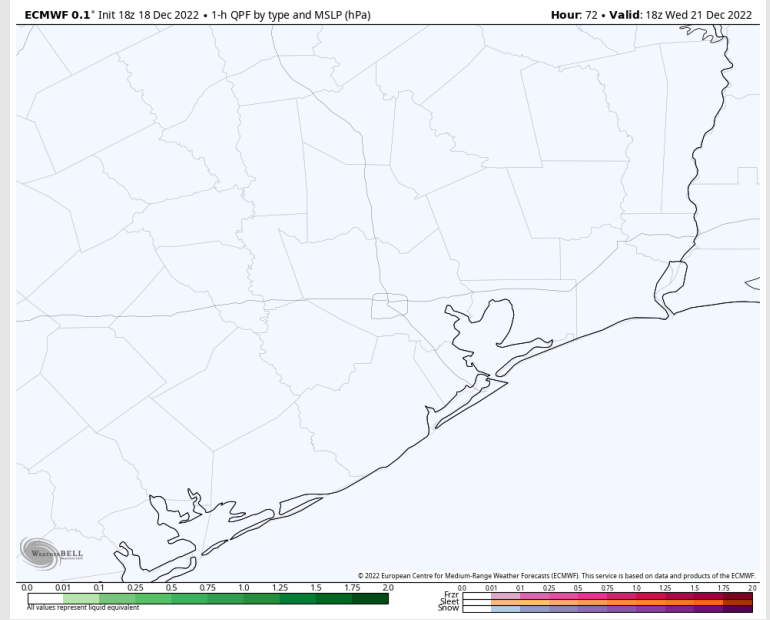
# Houston Pilots: Wed. 12/21/2022



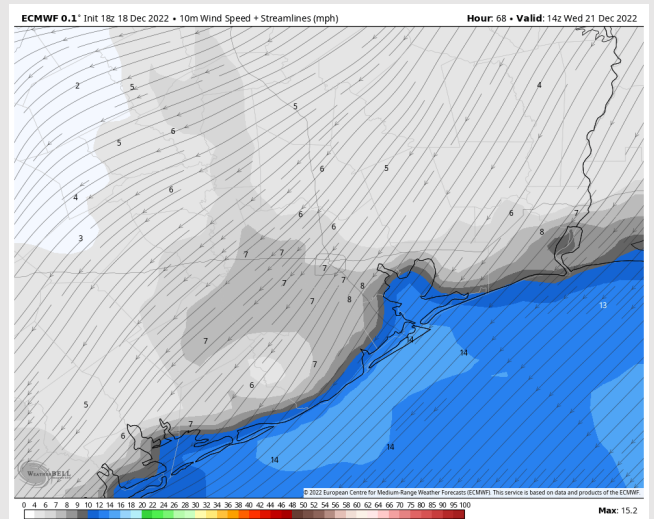
## Forecast Discussion

- Precip:** Anticipating dry conditions for Wednesday.
- Wind:** Calming winds throughout the day will start from the NE and become southeasterly by the evening. Winds N of Morgan's Point will start out at 4 – 7 kts and S of Morgan's Point will be 9 – 14 kts. By 1 PM winds will calm to 1 – 7 kts across all stations and remain as such for the rest of the day.
- Temps:** High temps Wednesday will be in the mid to lower 50s F across all stations.
- Visibility:** Not anticipating any visibility concerns at this time.

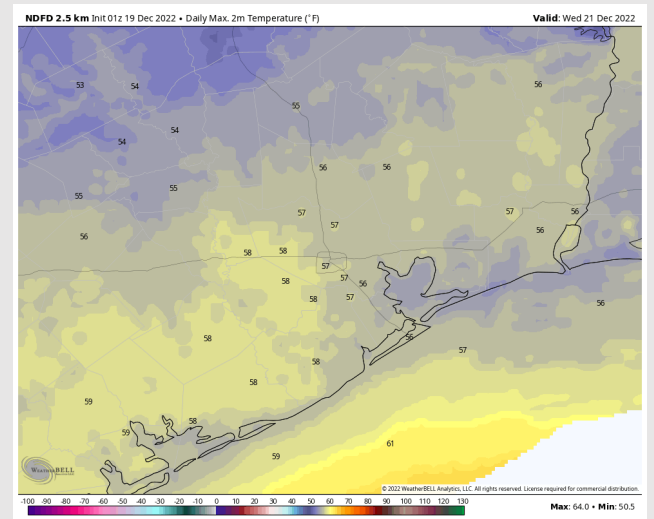
## Precip Forecast: 12 PM CT



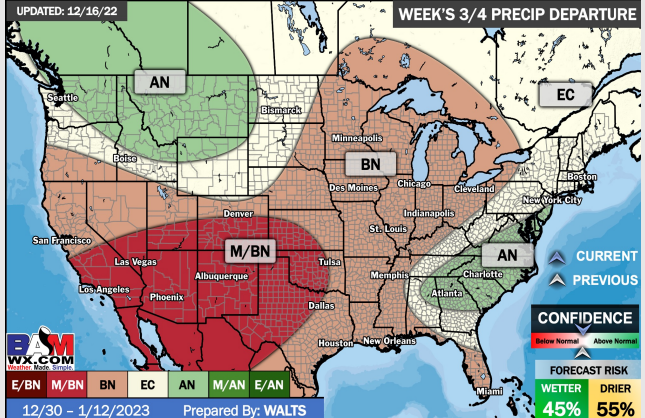
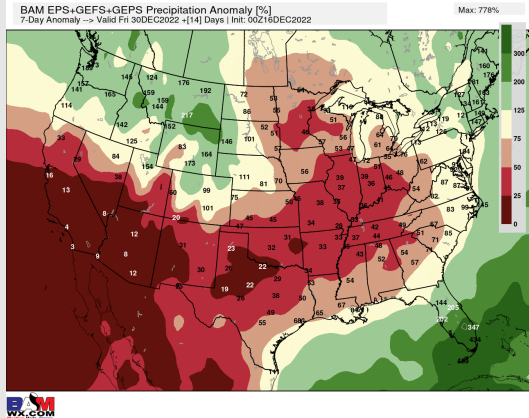
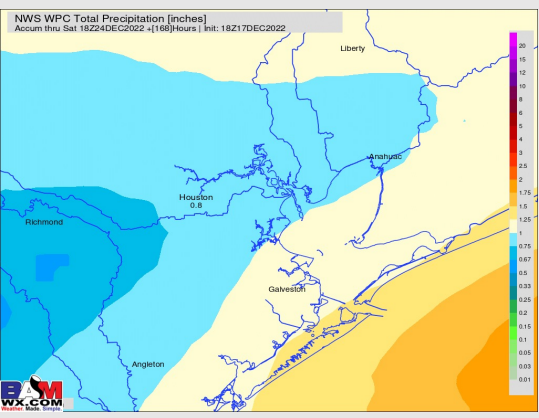
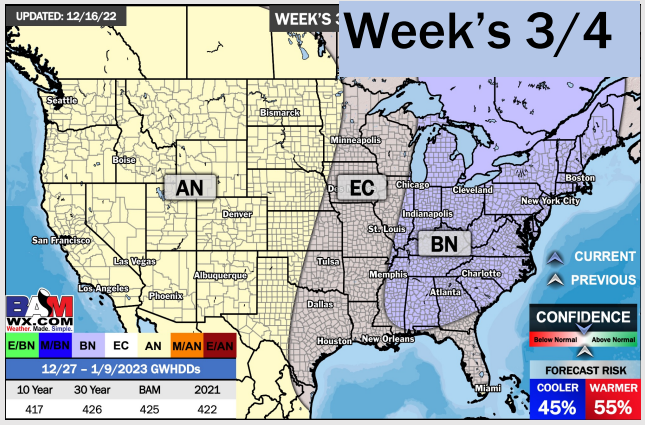
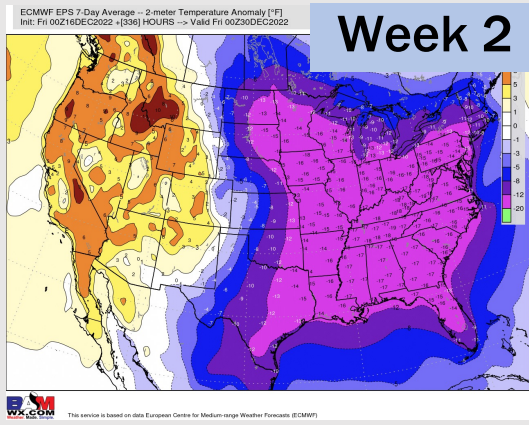
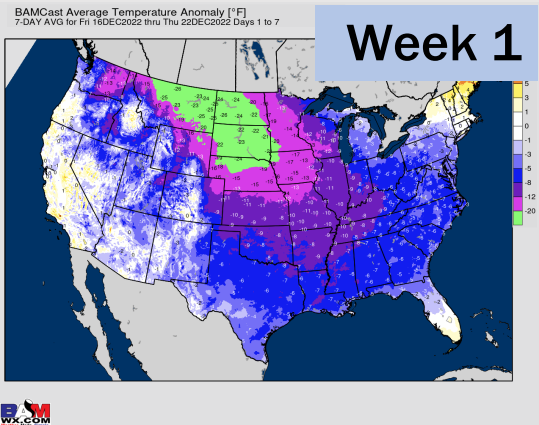
Wind Speed  
8 AM CT



High Temps  
Wednesday



# Houston Pilots: 12/19/22



- Better rain chances arrive next Mon/Tue. Temps will be falling below average.
- Week 2 is expected to be much below normal for temperatures and near to below normal rain chances for late December.
- The weeks 3/4 timeframe looks to feature normal temperatures and below normal chances for precipitation.