

# Houston Pilots Forecast Package



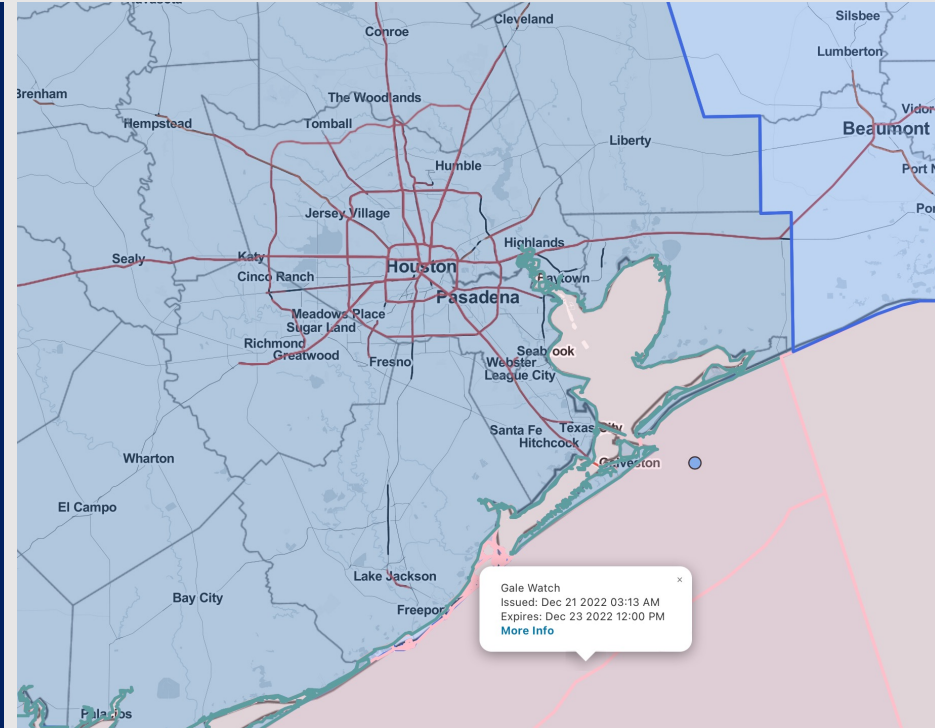
Updated: 5:00 AM CT

Wednesday, December 21, 2022

Forecaster: Alyssa McClung

## Weather Headlines

- Anticipating a only minor chances for a light shower Thursday but overall mostly dry conditions.
- Today will hold winds in the 3- 12-kt range. Thursday and Friday will be breezy days with winds ranging from 15 - 30 kts. Eyeing 35 - 45-kt potential gusts late Thursday night into early Friday morning.
- 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. Temperatures Friday will be in the mid to low 30s F across all stations.



## 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



## Saturday 12/24/22

No fog expected for Saturday as northerly winds continue.



## Sunday 12/25/22

No fog expected for Christmas day as winds will yet again be from the NW.



## Monday 12/26/22

No Fog expected for Monday; however, winds will shift from the SE in the morning, then shift back from the NW in the afternoon.



## Chance for Reduced Visibility

Saturday AM	Unlikely
Saturday PM	Unlikely
Sunday AM	Unlikely
Sunday PM	Unlikely
Monday AM	Unlikely
Monday PM	Unlikely

# Houston Pilots Visibility Report

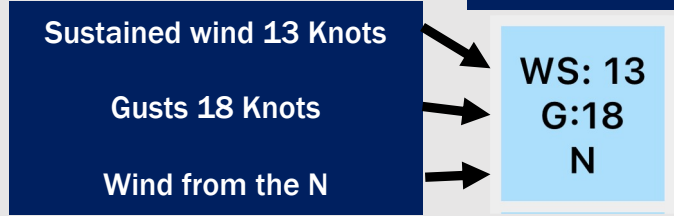


Time	Wed 3am	Wed 4am	Wed 5am	Wed 6am	Wed 7am	Wed 8am	Wed 9am	Wed 10am	Wed 11am	Wed 12pm	Wed 1pm	Wed 2pm	Wed 3pm	Wed 4pm	Wed 5pm	Wed 6pm	Wed 7pm	Wed 8pm	Wed 9pm	Wed 10pm	Wed 11pm	Thu 12am	Thu 1am	Thu 2am	Thu 3am	Thu 4am	Thu 5am	Thu 6am	Thu 7am	Thu 8am	Thu 9am	Thu 10am	Thu 11am	Thu 12pm	Thu 1pm	Thu 2pm	
610 Bridge	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	8	7	6	5	4	3	7	10	10	10	10	10	
Kinder 1	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	8	7	6	5	4	5	7	10	10	10	10	10	
Greens Bayou	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	8	8	7	6	4	6	7	10	10	10	10	10	
Shell Crude	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	8	8	8	9	7	7	7	10	10	10	10	10	
Lynchburg Ferries	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	8	8	8	9	7	7	7	10	10	10	10	10	
Exxon 3	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	8	8	8	9	7	7	9	10	10	10	10	10	
Morgans Point	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	9	8	8	9	8	8	9	10	10	10	10	10	
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63/64	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	9	9	9	9	10	10	10	10	10	
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# Houston Pilots Wind Report



**Example**

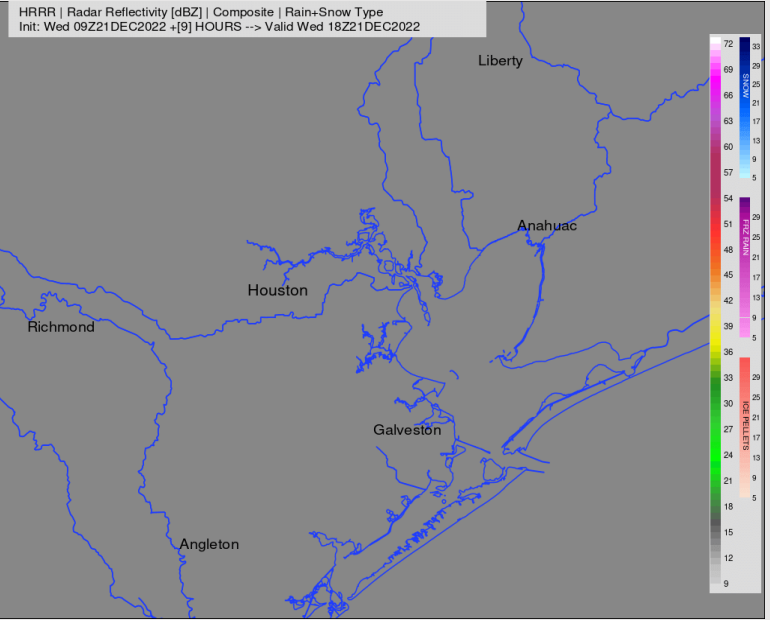


Time Knots	Wed 3am	Wed 4am	Wed 5am	Wed 6am	Wed 7am	Wed 8am	Wed 9am	Wed 10am	Wed 11am	Wed 12pm	Wed 1pm	Wed 2pm	Wed 3pm	Wed 4pm	Wed 5pm	Wed 6pm	Wed 7pm	Wed 8pm	Wed 9pm	Wed 10pm	Wed 11pm	Thu 12am	Thu 1am	Thu 2am	Thu 3am	Thu 4am	Thu 5am	Thu 6am	Thu 7am	Thu 8am	Thu 9am	Thu 10am	Thu 11am	Thu 12pm	Thu 1pm	Thu 2pm	
610 Bridge	4	3	4	4	2	2	2	1	2	3	3	4	3	4	3	4	3	3	2	3	2	2	2	2	2	2	2	2	2	2	3	4	6	7	9	12	
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	NNE	ENE	ENE	ENE	NE	E	E	WNW	W	W	WNW	WNW	NW	NW	SW	SSE	SSE	SSE	SSE	SSE	SSE	S	S	SSW	SW	SW	W	S	SSE	SSW	W	SW	WSW	WSW	W	WNW	NW
Kinder 1	4	4	4	4	2	2	2	1	2	3	3	4	3	4	3	3	3	2	3	2	2	2	2	1	2	2	2	2	2	3	3	4	6	7	9	11	
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Greens Bayou	4	4	4	4	2	2	2	2	2	3	3	4	4	4	3	3	3	3	3	2	3	2	2	2	1	2	2	2	3	3	4	6	7	9	11		
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Shell Crude	3	4	4	4	2	2	3	2	2	2	3	4	3	4	3	4	3	3	3	3	3	3	2	3	2	2	3	3	3	3	4	6	7	9	11		
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Lynchburg Ferries	3	4	4	3	2	3	3	2	2	3	2	4	3	4	3	4	5	5	4	4	4	4	4	4	3	3	4	4	4	4	5	6	7	9	12		
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Exxon 3	4	4	5	5	4	4	5	3	3	3	3	3	4	4	3	4	5	5	4	4	4	4	4	4	3	3	4	4	4	4	5	6	7	9	12		
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Morgans Point	6	6	7	9	7	7	7	4	4	4	4	4	4	3	4	4	4	4	3	4	4	3	4	3	3	3	3	4	4	4	5	6	8	11	13	15	
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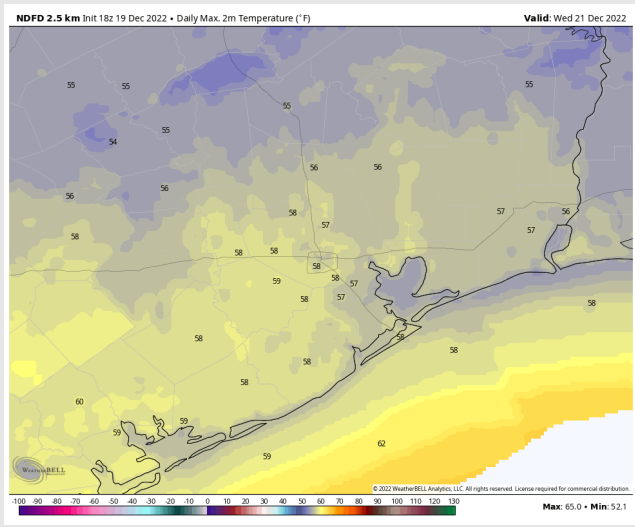
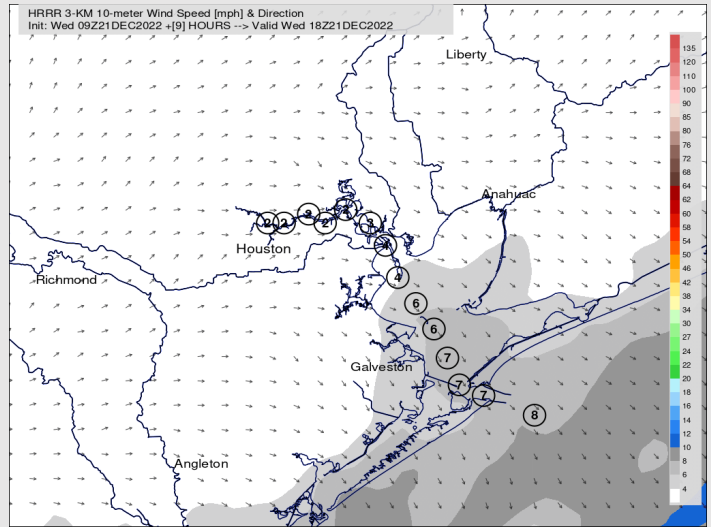
## Forecast Discussion

- Precip:** Anticipating dry conditions for Wednesday.
- Wind:** Winds will be on a calming trend through the AM hours of Wednesday. By 7 AM, winds south of Morgan's Point are anticipated to be sustained from the NE around 7 – 12 knots. Winds continue to weaken into the afternoon with winds shifting more out of the west with calm wind speed. Wind direction may be variable in the afternoon hours. After 8 PM, winds shift more out of the SE around 3 – 6 knots.
- 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  
12 PM CT



High Temps  
Wednesday

## Forecast Discussion

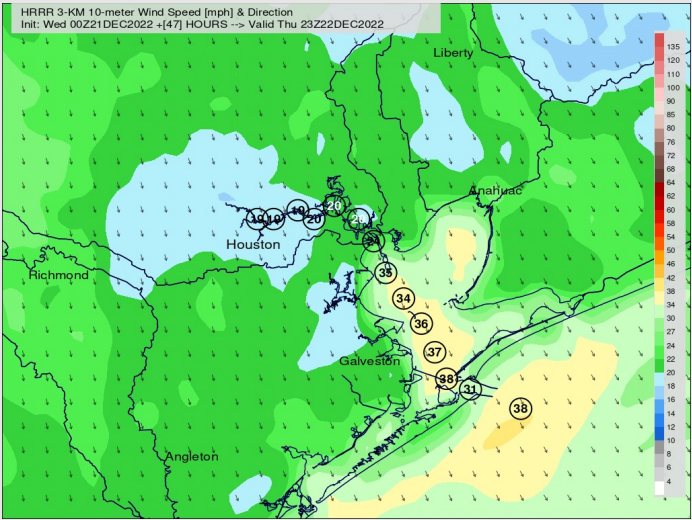
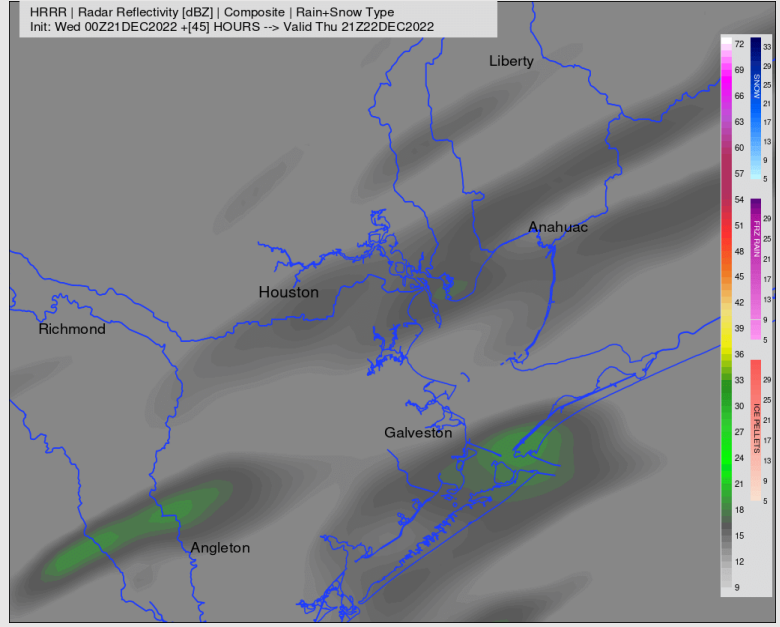
**Precip:** Anticipating dry conditions for Thursday. A dry cold front will push through in the afternoon bringing a 10% chance for light showers after 2 PM.

**Wind:** Light SE winds in the morning will shift from the NE in the mid afternoon. Winds will be 4 – 9 kts throughout the AM hours. **From 12 PM – 6 PM** winds will rapidly increase to **16 – 21 kts N of Morgan’s Point**, and **20 – 28 kts S of Morgan’s Point** (by 6 PM). Boarding station winds will be particularly strong by the mid afternoon, ranging from **26 – 30 kts**. Winds will remain at respective speeds for the rest of the afternoon and evening. Wind gusts in the afternoon hours from 4 PM through midnight can range from **35 – 45+ kts**. This will be a gusty day.

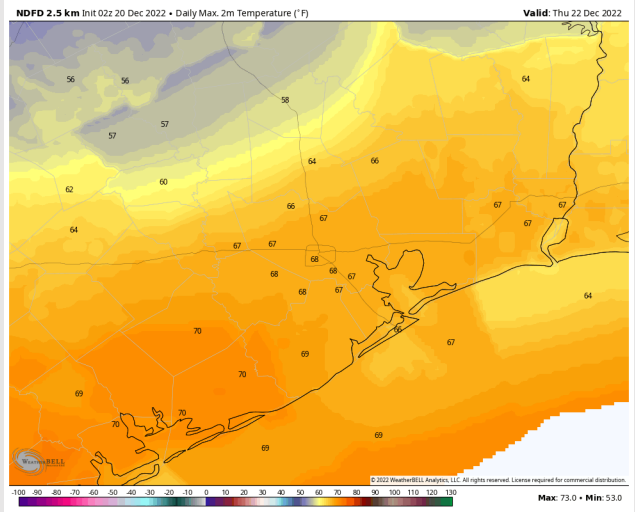
**Temps:** High temps Thursday will be in the mid 60s F across all stations.

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

## Precip Forecast: 3 PM CT



Wind Speed  
5 PM CT



High Temps  
Thursday

# Houston Pilots: Fri. 12/20/2022



## Forecast Discussion

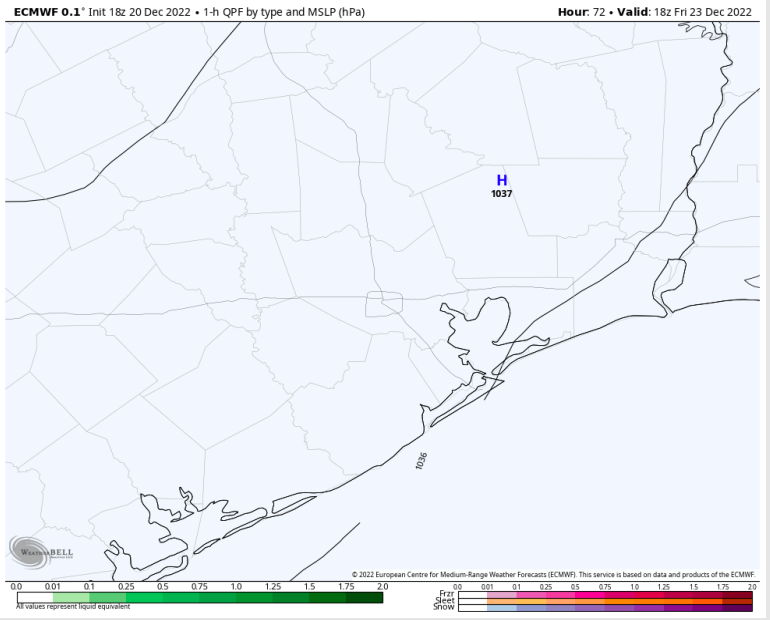
**Precip:** Dominant high pressure will allow for a dry day Friday.

**Wind:** Sustained winds from the North for the entire day will slowly decrease as the day goes on across all stations. At 6 AM winds N of Morgan's Point will be 10 – 16 kts and S of Morgan's Point will be 17 – 24 kts. From 6 AM to 6 PM winds across all stations will decrease slightly to 8 – 12 kts N of Morgan's Point and 14 – 20 kts S of Morgan's Point and remain as such for the rest of the evening. **Wind gusts at the Boarding station could be up to 40 kts in the early morning (12 – 5 AM). Otherwise, gusts can range from 25 – 30 kts across all stations until 2 PM.**

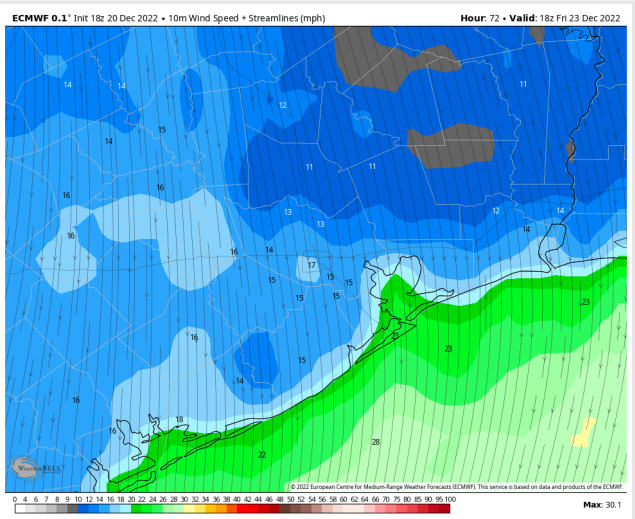
**Temps:** Well below average temperatures Friday will be in the mid to low 30s F across all stations.

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

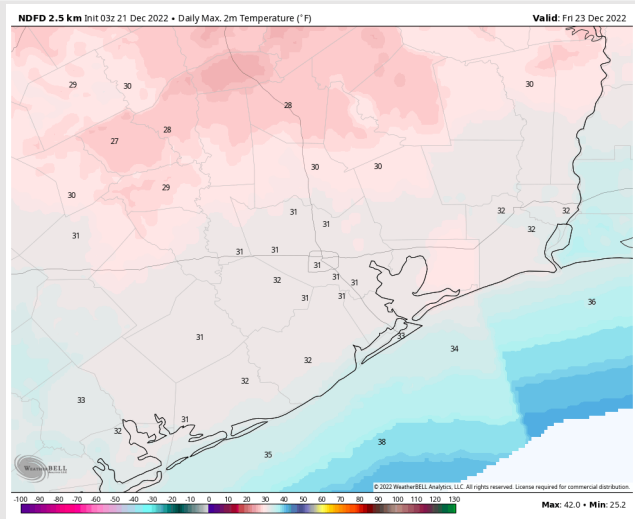
## Precip Forecast: 12 PM CT



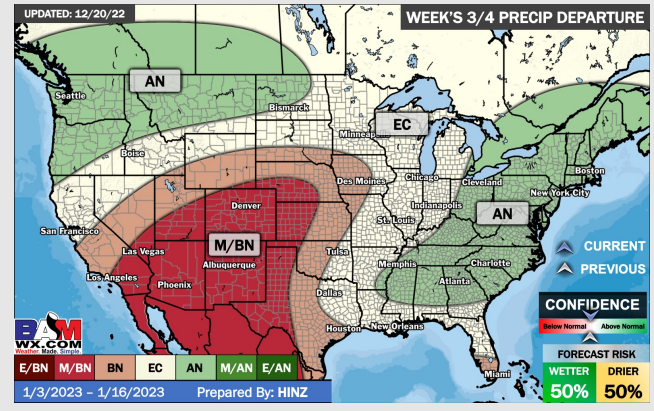
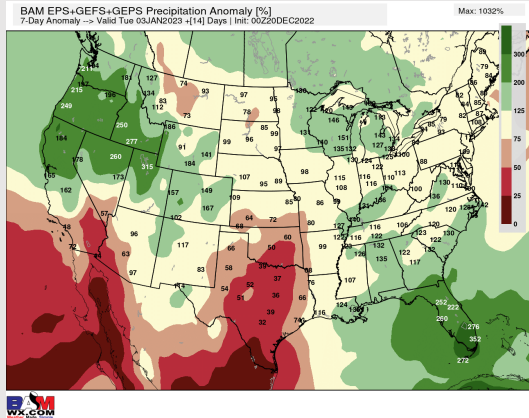
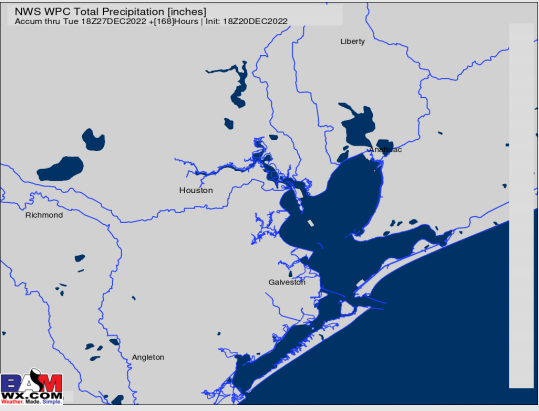
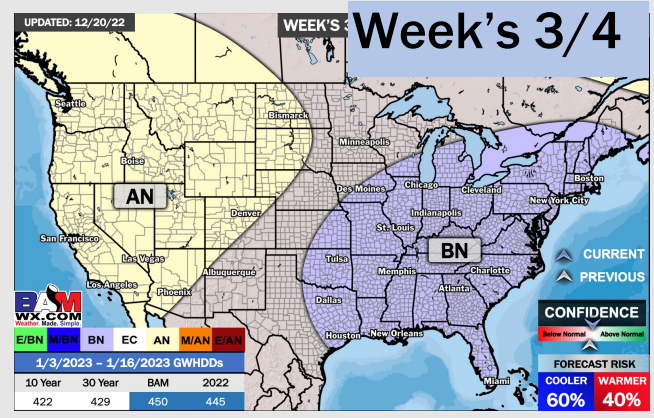
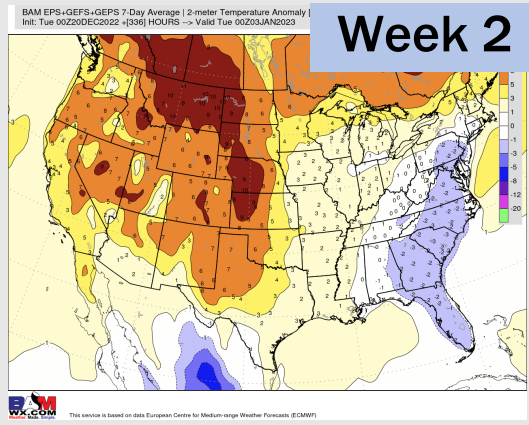
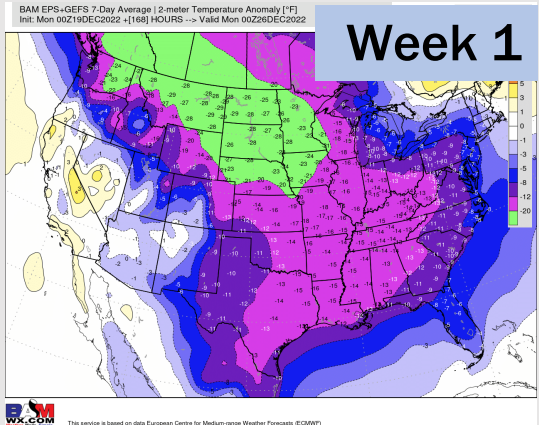
Wind Speed  
12 PM CT



High Temps  
Friday



# Houston Pilots: 12/21/22



- An overall dry forecast is expected the next several days. Temperatures to remain below normal
- Week 2 precipitation is expected to be at/ below normal for the week 2 timeframe. Temperatures are expected to average out above normal
- Below normal moisture and cooler weather is expected in the weeks 3/4 timeframe.