

# Houston Pilots Forecast Package



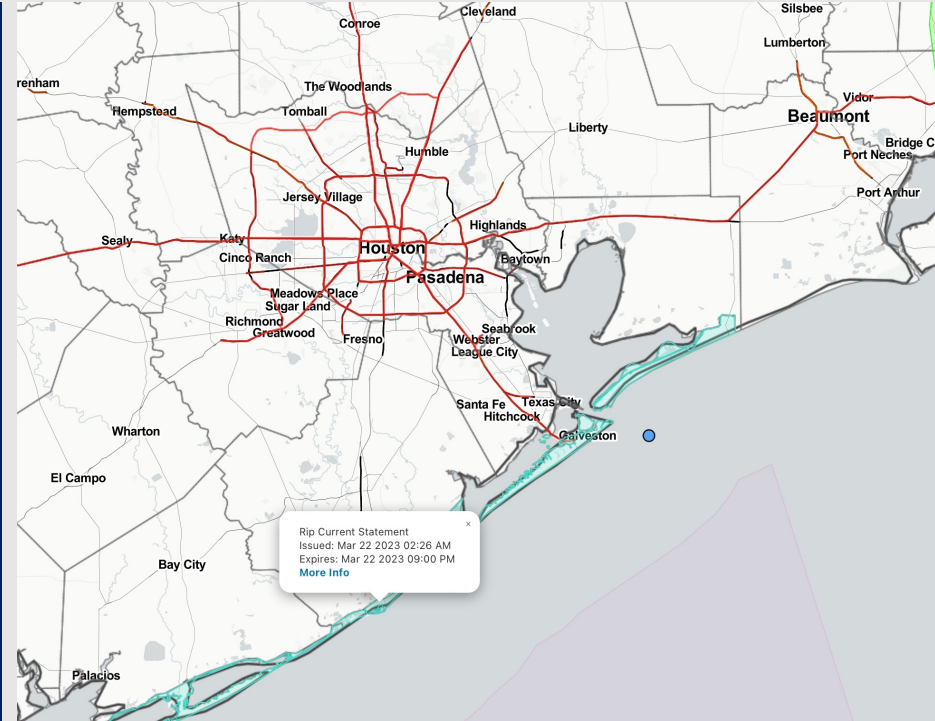
Updated: 1:00 PM CT

Wednesday, March 22, 2023

Forecaster: Alyssa McClung

## Weather Headlines

- Low end risk for spotty light rain early this afternoon. Before a better threat for some storms FRI PM.
- Some elevated winds will be possible over the next few days.
- **Keeping an eye a minor threat for some patchy sea fog tomorrow morning.** Elevated winds should keep this threat more patchy in nature (more details in slide below)



**Radar/NWS Alerts: 1:00 PM CT**



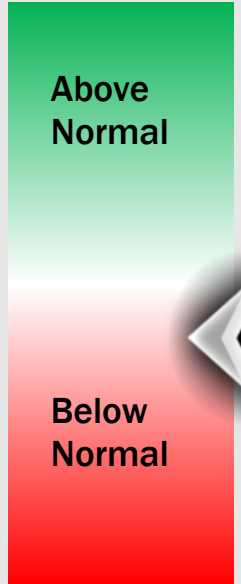
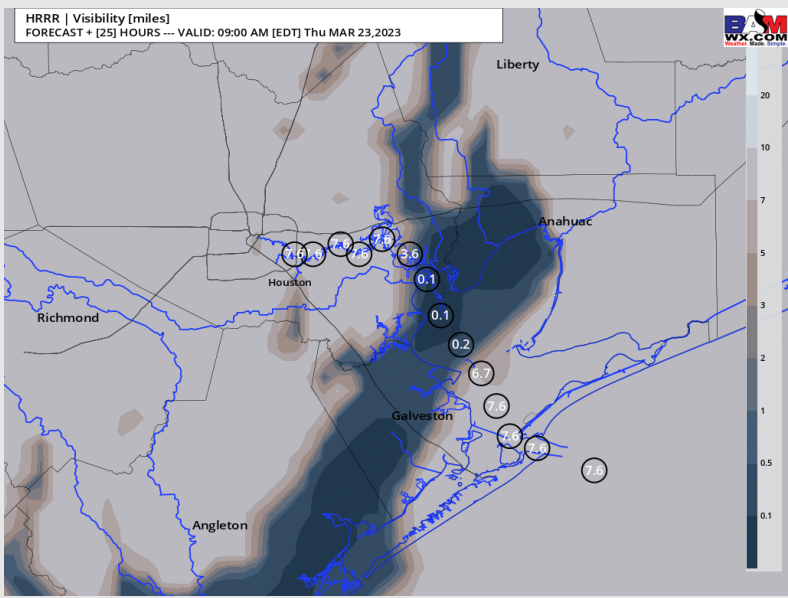
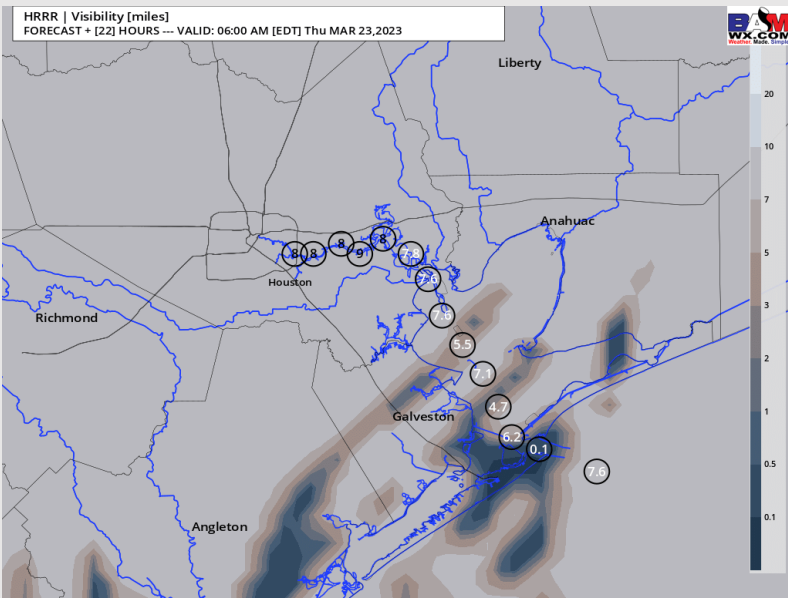
As always, please do not hesitate to reach out to us with any forecast questions via the chat option on the Weather Porthole or our on-call number, **(317)-560-8122** press 1 for forecast questions.

# Houston Pilots Visibility Report



## 5 AM CT THU VISIBILITY      8 AM CT THU VISIBILITY

## Confidence



TIMEFRAME DISCUSSED	THREAT
12 AM THU - 12 PM THU	Low -Med

- Southeast winds will help to bring in low level moisture, allowing for the potential for some PATCHY sea fog / a lower cloud deck tomorrow (Thursday) morning, reducing visibility to less than 2 miles.
- Confidence is a bit lower than normal as elevated winds should prevent a more widespread sea fog threat.
- While isolated instances will be possible after midnight, especially towards the boarding station, greatest threat of patchy fog with visibilities down to 1 mile or less will be from 8 AM to 11 AM. With an increase of winds / sun angle, fog threat should dissipate there after, however some isolated instances of slightly reduced visibility (likely above 2 miles) will be possible into the early afternoon.
- In the 8 AM - 11 AM period, any potential fog will likely move from south to north, impacting the southern stations first before all station at play later into the morning.

# Houston Pilots Extended Range Visibility Report



## Saturday 3/25/23

Before a front passes into Saturday morning, a low end risk of fog exists. The threat is worth a mention for now.



## Sunday 3/26/23

Winds out of the S accompanied by low level moisture keep sea fog risks in play, but very low confidence and potential.



## Monday 3/27/23

Winds out of the S for the AM hours will present some potential for sea fog, but a shift in wind from the NE will make fog unlikely in the PM.



## Chance for Reduced Visibility

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

# Houston Pilots Visibility Report



More info on Slide 2 for minor fog threat. Info below likely not perfect.

Time	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	Thu 3pm	Thu 4pm	Thu 5pm	Thu 6pm	Thu 7pm	Thu 8pm	Thu 9pm	Thu 10pm	Thu 11pm	
610 Bridge	10	10	10	10	10	10	10	10	10	10	9	10	10	10	10	10	8	8	7	6	6	10	10	10	10	10	10	10	10	10	10	10	8	10	10	9	9
Kinder 1	10	10	10	10	10	10	10	10	10	10	10	9	10	10	10	10	8	7	7	6	6	10	10	10	10	10	10	10	10	10	10	10	8	10	10	9	9
Greens Bayou	10	10	10	10	10	10	10	10	10	10	10	9	10	10	10	10	8	8	7	6	7	10	10	10	10	10	10	10	10	10	10	9	10	10	10	9	
Shell Crude	10	10	10	10	10	10	10	10	10	10	10	9	10	10	10	10	8	8	7	6	7	10	10	10	10	10	10	10	10	10	10	8	10	10	9	9	
Lynchburg Ferries	10	10	10	10	10	10	10	10	10	10	10	9	9	10	9	10	10	8	8	7	7	8	10	10	10	10	10	10	10	10	10	9	10	10	10	9	
Exxon 3	10	10	10	10	10	10	10	10	10	10	10	9	10	10	9	10	10	8	8	8	7	8	10	10	10	10	10	10	10	10	10	8	10	10	9	9	
Morgans Point	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	8	8	8	7	8	10	10	10	10	10	10	10	10	10	10	8	9	9	8	9	
75/76	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	8	8	8	7	8	10	10	10	10	10	10	10	10	10	10	8	8	9	8	9	
63/64	10	10	10	10	10	10	10	10	10	10	10	10	9	10	9	10	10	8	8	8	7	8	8	10	10	10	10	10	10	10	10	8	8	9	8	9	
51/52	10	10	10	10	10	10	10	10	10	10	10	9	9	10	9	10	8	8	8	8	7	8	8	10	10	10	10	10	10	10	10	8	8	9	8	8	
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1 & 2 Bravo	10	10	10	10	10	8	10	9	8	9	9	7	8	7	7	7	8	8	8	8	7	8	8	7	7	8	8	8	8	8	8	8	8	8	7	8	7

# Houston Pilots Wind Report



## Confidence



## Example

Sustained wind 13 Knots  
Gusts 18 Knots  
Wind from the N

WS: 13  
G:18  
N

Time Knots	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	Thu 3pm	Thu 4pm	Thu 5pm	Thu 6pm	Thu 7pm	Thu 8pm	Thu 9pm	Thu 10pm	Thu 11pm	
610 Bridge	14	14	14	14	14	14	13	13	13	12	12	11	11	11	12	11	11	11	10	10	11	10	12	13	15	16	16	16	17	17	16	15	16	16	16	17	17
Kinder 1	14	14	14	14	14	14	13	13	12	12	12	11	11	11	11	11	11	11	10	10	10	11	12	13	15	16	16	16	17	16	16	15	16	16	16	17	17
Greens Bayou	15	15	14	15	14	14	13	13	12	11	11	11	11	11	11	10	11	11	10	10	10	10	12	13	14	15	16	16	16	15	15	15	15	15	17	17	
Shell Crude	15	15	15	15	14	14	13	12	12	11	11	11	11	11	11	11	11	11	10	10	10	11	10	12	13	14	15	16	16	16	15	14	15	15	17	16	
Lynchburg Ferries	15	15	15	15	14	14	14	13	12	12	11	11	11	11	11	11	11	11	11	10	10	11	12	13	14	15	16	16	16	15	14	15	15	16	16	16	
Exxon 3	15	15	15	15	14	14	14	13	12	12	11	11	11	11	11	11	11	11	11	10	10	11	12	13	14	15	15	16	16	16	15	15	15	16	16	15	
Morgans Point	14	15	15	15	15	15	14	14	13	12	12	12	12	12	12	12	12	12	12	12	11	11	12	13	14	15	15	16	16	17	16	15	15	16	16	16	
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37/38	13	13	13	13	13	13	12	12	11	11	11	12	12	12	12	12	12	12	12	11	11	11	12	12	13	13	14	15	15	16	15	15	15	16	15	15	16
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1 & 2 Bravo	12	11	10	10	10	10	11	11	11	12	12	13	13	13	13	13	13	13	13	13	13	13	13	12	11	11	11	12	12	13	14	15	16	16	17	17	

## Forecast Discussion

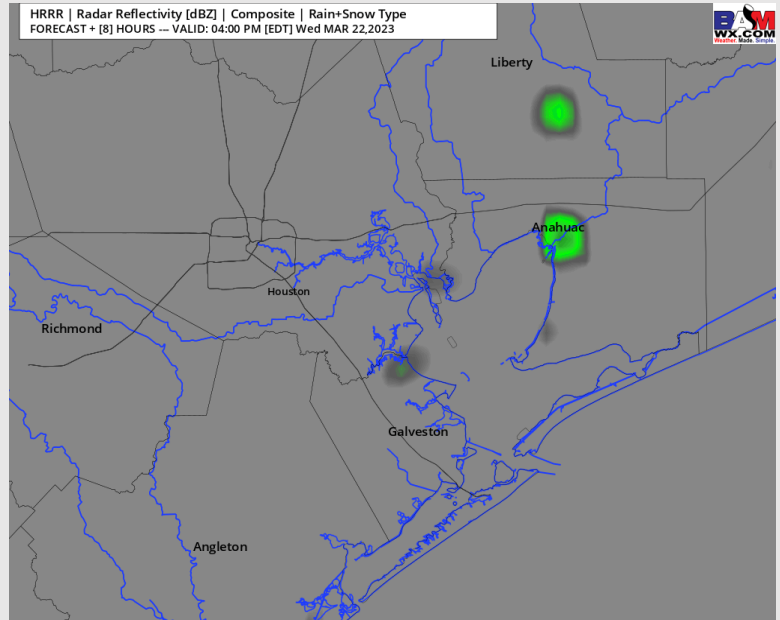
**Precip:** A few isolated showers will be possible today (10-20%) until about 5 PM. Best threat will be for northerly stations. Activity anticipated to be quite scattered/ light.

**Wind:** Sustained winds out of SE to SSE throughout the rest of the day, remaining gusty out through 7 PM where sustained winds of 8 – 13 knots will be possible. Generally, winds continue to be sustained around the 8 – 13 knots range after 7 PM out of the SE, although winds may be slightly weaker north of Morgan's Point. **Wind gusts of 20 – 24 kts will be possible this afternoon. Wind gusts of 15 – 19 kts will be possible after sunset.**

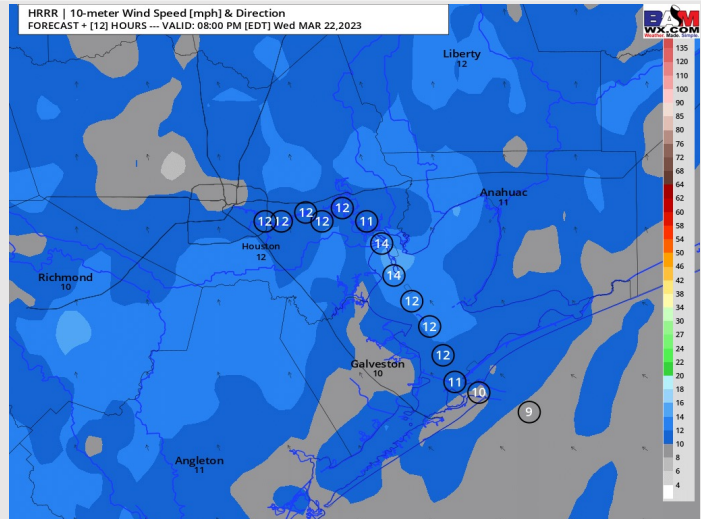
**Temps:** Anticipating low temperatures in the upper 60s F to low 70s F across all stations through the morning Thursday.

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

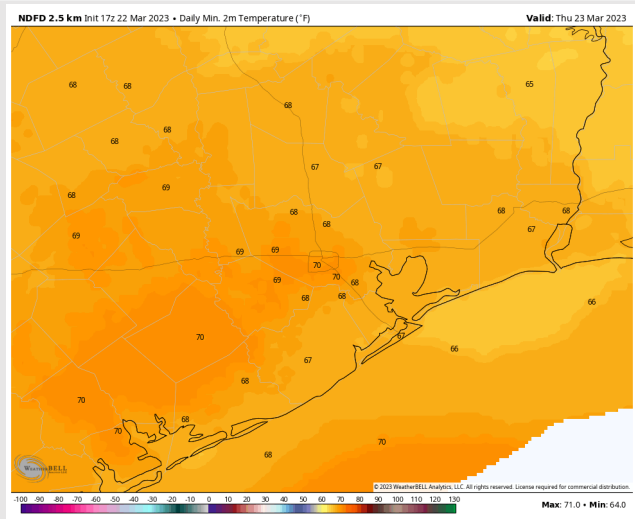
## Precip Forecast: 3 PM CT



**Wind Speed  
7 PM CT**



**Low Temps  
Thursday AM**



## Forecast Discussion

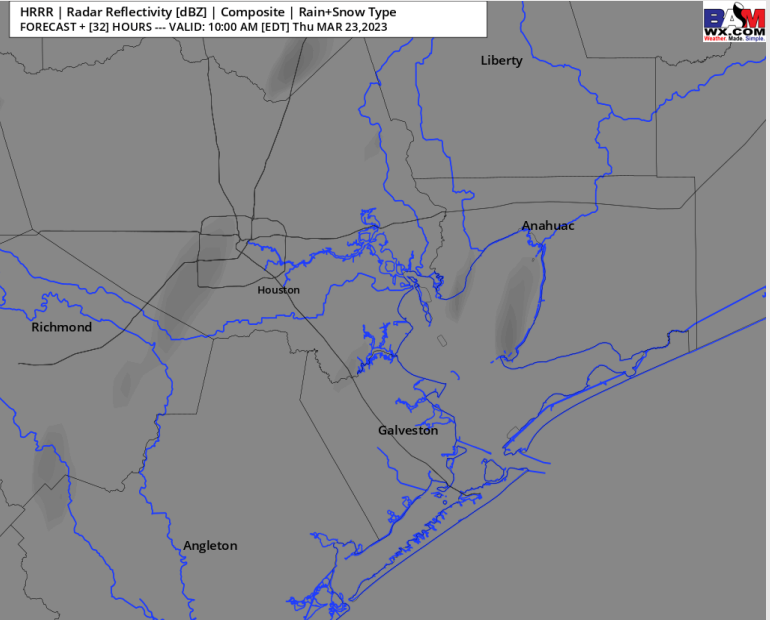
**Precip:** Some spotty light mist will be possible tomorrow morning from about 5 AM – 11 AM, especially for the northern half of stations.

**Wind:** Tomorrow morning will offer up slightly reduced winds (allowing for the potential for fog) with sustained winds out of the SSE around 6 – 9 knots from about 5 am – 11 am (slightly lower confidence on winds progression/ speeds). Winds are anticipated to pick up in the afternoon sustained around 10 – 14 knots. Gusts into the afternoon around 16 – 22 knots will be possible. Gusts into the evening, especially north of Morgan’s point of 21 – 25 knots will be possible.

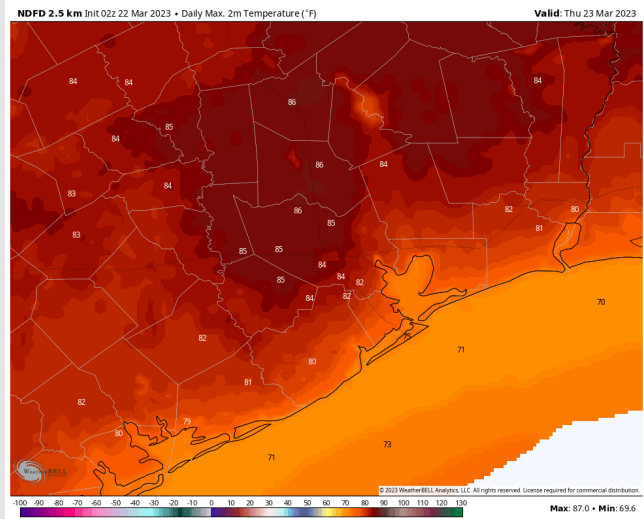
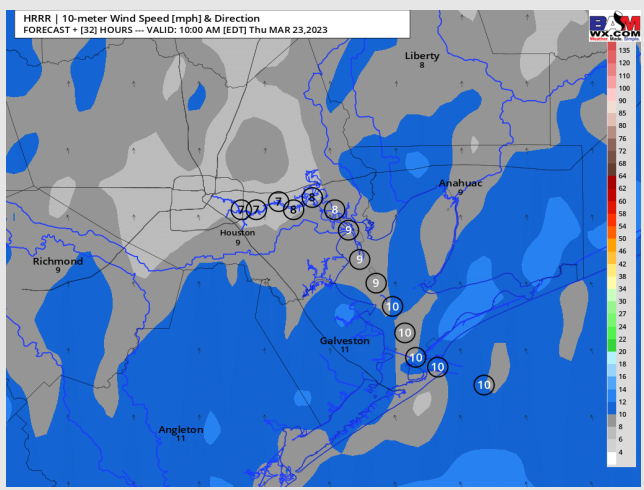
**Temps:** High temperatures Thursday in the low 70s F at the Boarding Station and in the mid 70s to low 80s F across all other stations.

**Visibility:** A minor risk of sea fog exists into THU AM. More info on Slide 2.

## Precip Forecast: 9 AM CT



Wind Speed  
9 AM CT



High Temps  
Thursday

# Houston Pilots: Fri. 3/24/2023



## Forecast Discussion

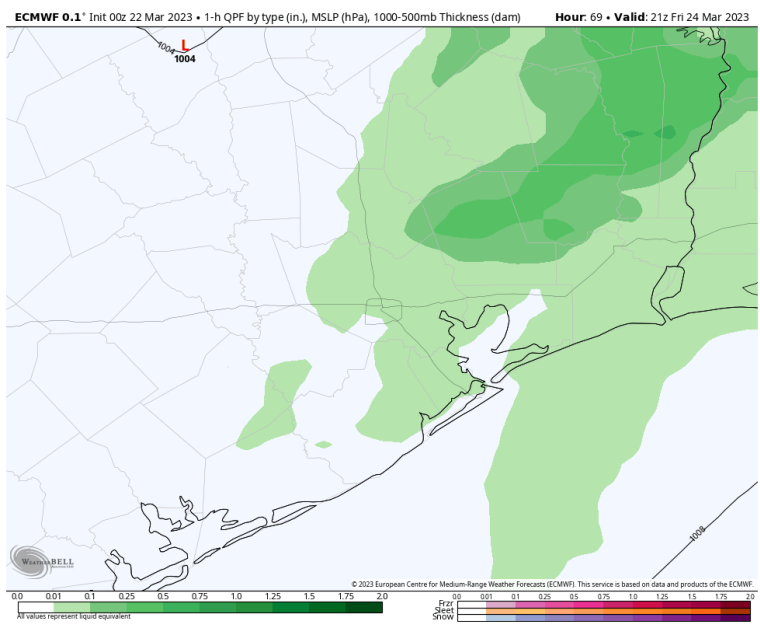
**Precip:** A cold front will be approaching the area into FRI afternoon allowing for increased rain/ storm chances. Generally light chances begin after 1 PM with increasing chances into the afternoon/ early evening. Better chances of heavier rain will be between 3-7 PM. A stronger storm or two cannot be ruled out, although the best threat for that will be east of HOU.

**Wind:** Winds will continue to come out of the S/SE through 11 AM, then the SW for the rest of the day on Friday. Winds will be at 13 - 20 kts through 5 - 8 PM. Winds will continue to be out of the SW into the evening around 5 - 10 knots.

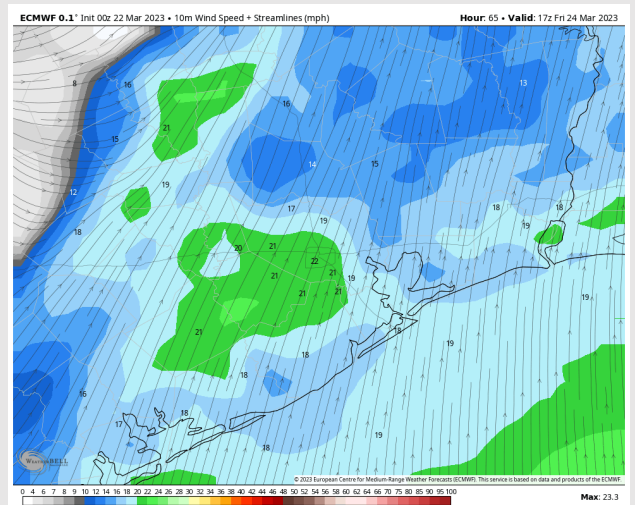
**Temps:** High temperatures Friday will be in the low 70s F near the boarding station and mid to upper 70's F for the other stations.

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

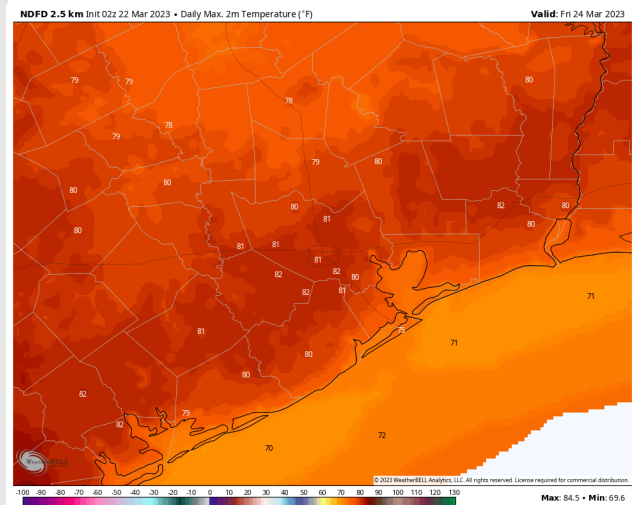
## Precip Forecast: 3 PM CT



Winds  
12 PM CT

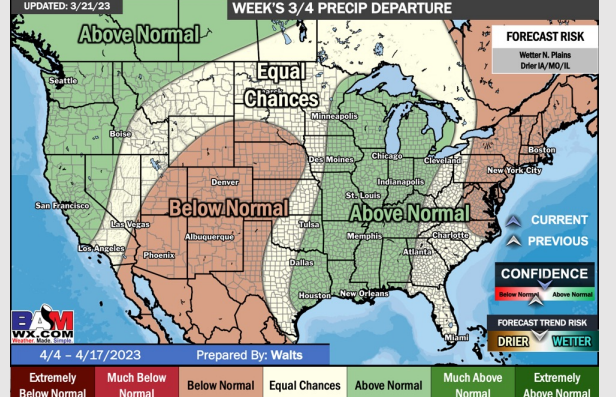
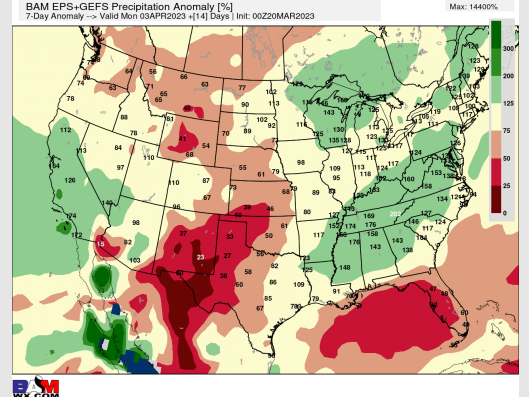
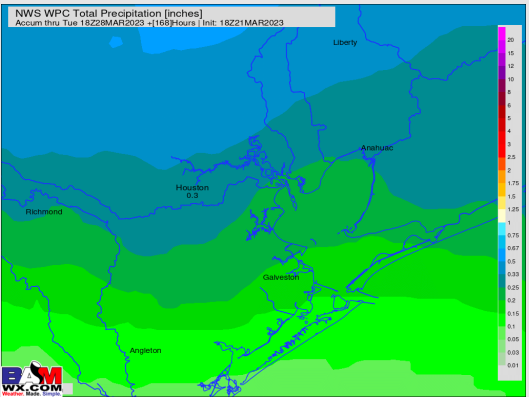
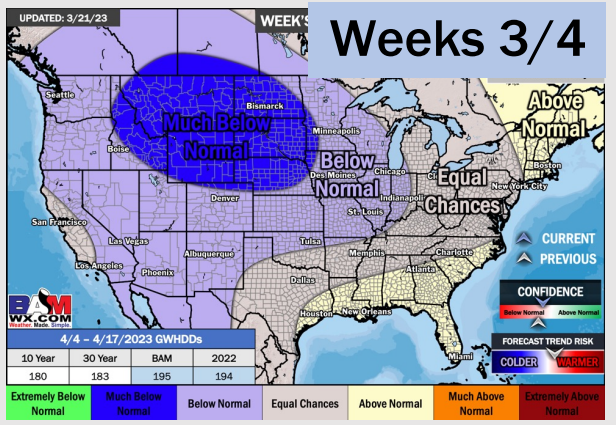
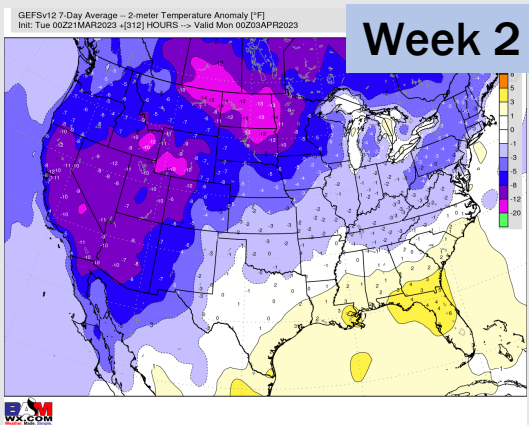
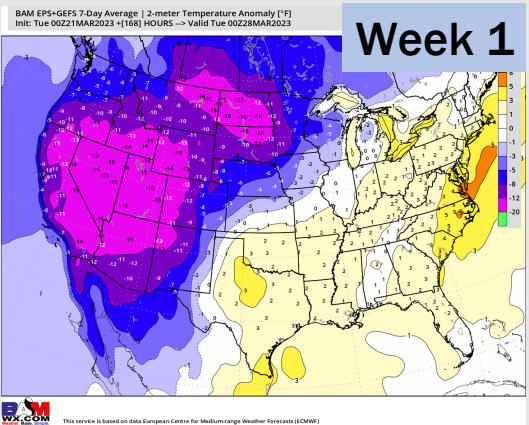


High Temps  
Friday





# Houston Pilots: 3/22/23



- Rain chances look rather minor over the next few days with a better shot of moisture moving in at the end of the week Friday. Temperatures are expected to be near or slightly above normal over the next seven days.
- Expecting near normal precipitation chances and near to slightly above normal temperatures extending into the week 2 timeframe.
- Anticipating above normal temperatures and above normal chances for precipitation favored in the week 3/4 timeframe.