

# Houston Pilots Forecast Package



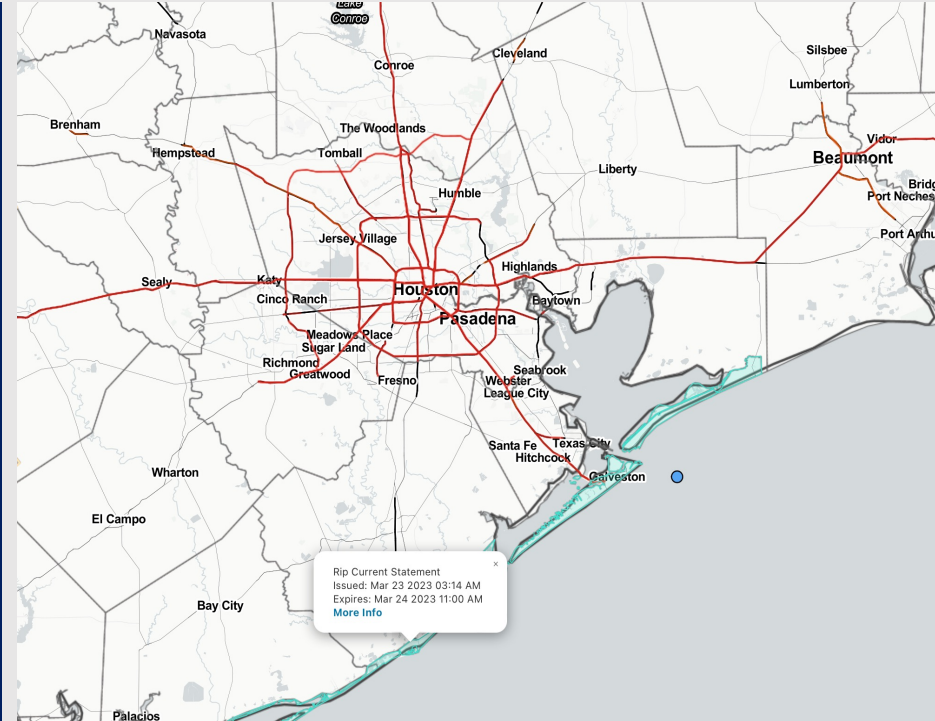
Updated: 2:45 PM CT

Thursday, March 23, 2023

Forecaster: Alyssa McClung

## Weather Headlines

- Low end risk for patchy fog this evening and into tomorrow. Another fog risk to watch will come late tomorrow into Sat. **View visibility reports for more details.**
- A few storms possible tomorrow as well into the afternoon.
- Winds expected to be slightly elevated through the overnight and into tomorrow.



**Radar/NWS Alerts: 2:45 PM CT**



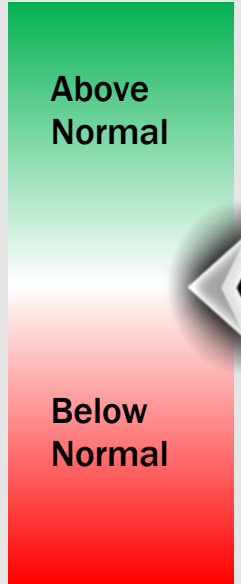
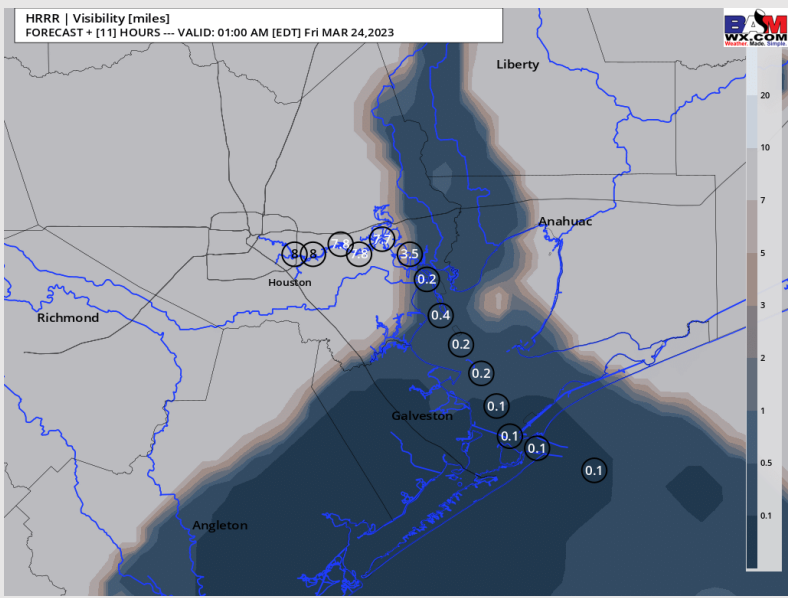
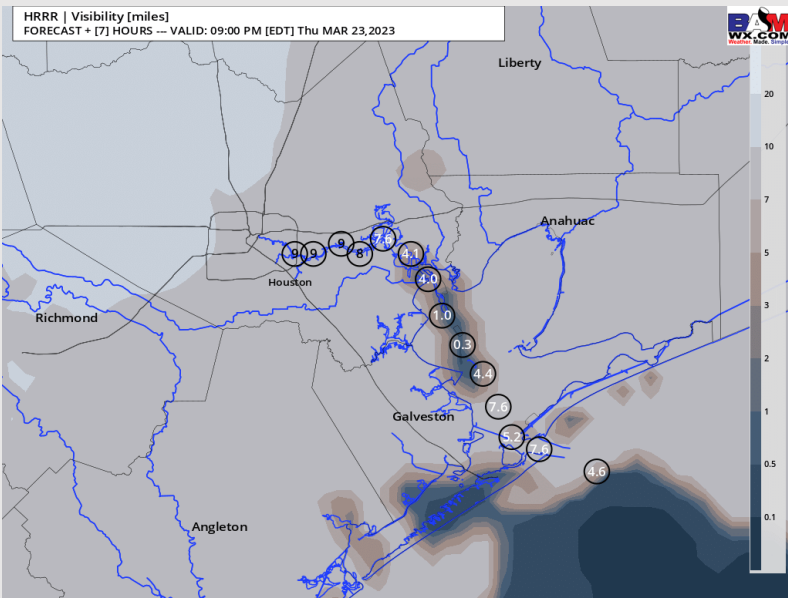
As always, please do not hesitate to reach out to us with any forecast questions via the chat option on the Weather Porthole or our on-call number, **(317)-560-8122** press 1 for forecast questions.

# Houston Pilots Visibility Report



## 8 PM CT THU VISIBILITY      12 AM CT FRI VISIBILITY

## Confidence



TIMEFRAME DISCUSSED	THREAT
7 PM THU - 10 AM FRI	Med

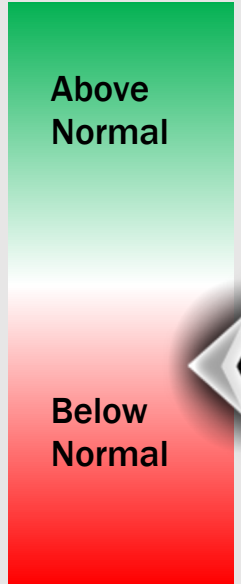
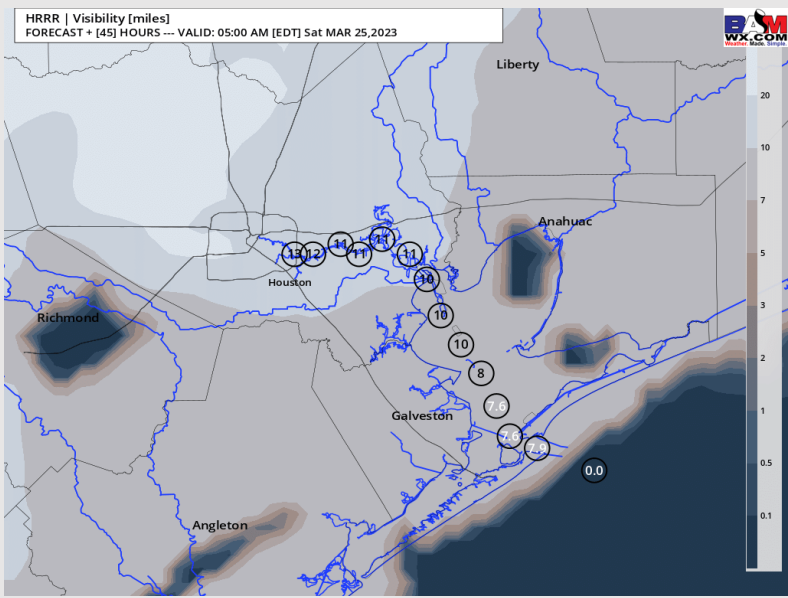
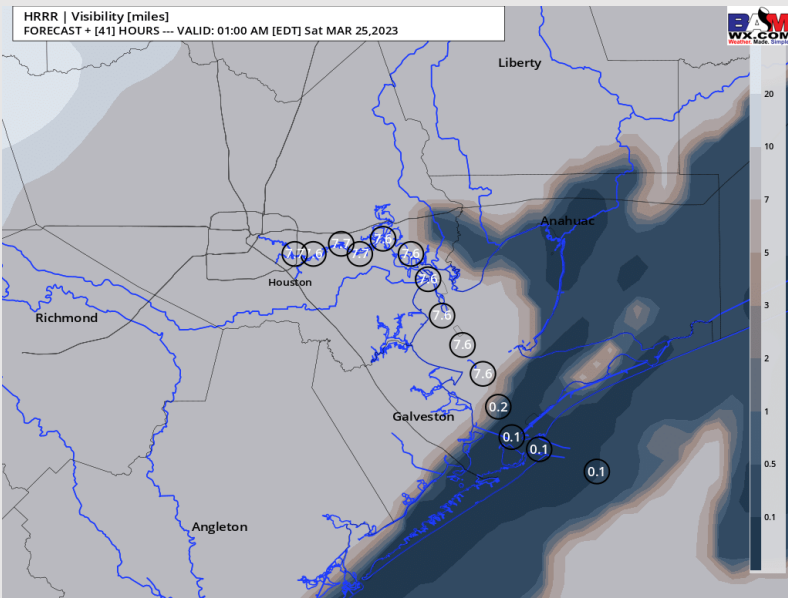
- Confidence is a bit higher for fog chances late tonight into tomorrow morning as the overall setup traditionally favors fog potential.
- Confidence is a bit lower on the onset of the fog and how widespread / dense fog can be.
- Elevated winds continue to suggest that the threat can be more patchy with visibility less than 3 miles. However, areas of dense fog (vis less than 1 mile) cannot be ruled out.
- All stations are at risk for patchy fog. Stations south of Morgan's Point are at the greatest risk for dense fog.
- Patchy fog will be possible as early as 7 - 8 PM with the greatest threat from 11 PM - 5 AM for dense fog. Patchy fog can linger through about 9 - 10 AM.
- Winds start to shift more out of the SW thereafter which makes fog harder to come by beyond 10 AM FRI AM.

# Houston Pilots Visibility Report



## 12 AM CT FRI VISIBILITY      4 AM CT SAT VISIBILITY

## Confidence



TIMEFRAME DISCUSSED	THREAT
10 PM FRI - 8 AM SAT	Low - Med

- Anticipating a patchy fog risk to begin to work into the area around the 10 PM timeframe Friday reducing visibilities to less than 2 miles. Expecting fog to begin out towards the Boarding Station then creeping northward, impacting all stations South of Morgan's Point.
- Fog risk will be the greatest between the 12 - 3 AM timeframe Saturday morning with a few stations seeing visibilities of less than 1 mile at times. After 3 AM, fog risk will sit primarily over the Boarding Station.
- Calmer winds out of the SE will encourage fog development Friday night into Saturday, however Saturday morning around the 7 - 8 AM timeframe, winds will shift out of the NW, helping to push fog risk even further from the shore, concluding the sea fog risk before the afternoon.
- Lower confidence remains on exact coverage and density of fog.

# Houston Pilots Extended Range Visibility Report



## 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.



## Tuesday 3/28/23

Winds out of the NE will make fog unlikely on Tuesday.



## Chance for Reduced Visibility

Sunday AM	Unlikely
Sunday PM	Possible
Monday AM	Possible
Monday PM	Unlikely
Tuesday AM	Unlikely
Tuesday PM	Unlikely

# Houston Pilots Visibility Report



More info regarding fog threats found on slide 2 and 3.

Time	Thu 12pm	Thu 1pm	Thu 2pm	Thu 3pm	Thu 4pm	Thu 5pm	Thu 6pm	Thu 7pm	Thu 8pm	Thu 9pm	Thu 10pm	Thu 11pm	Fri 12am	Fri 1am	Fri 2am	Fri 3am	Fri 4am	Fri 5am	Fri 6am	Fri 7am	Fri 8am	Fri 9am	Fri 10am	Fri 11am	Fri 12pm	Fri 1pm	Fri 2pm	Fri 3pm	Fri 4pm	Fri 5pm	Fri 6pm	Fri 7pm	Fri 8pm	Fri 9pm	Fri 10pm	Fri 11pm		
610 Bridge	10	10	10	10	10	10	10	9	8	8	7	8	7	7	5	7	6	7	8	8	6	6	6	6	6	6	5	6	6	7	7	6	6	6	6	5	5	
Kinder 1	10	10	10	10	10	10	10	9	8	7	7	8	7	7	4	7	6	7	7	8	5	6	6	6	6	6	5	6	6	7	7	6	6	6	6	6	5	5
Greens Bayou	10	10	10	10	10	10	10	9	8	6	5	7	6	6	3	6	5	6	6	6	6	5	5	5	6	6	5	6	6	7	7	7	6	6	6	6	5	5
Shell Crude	10	10	10	10	10	10	10	8	8	5	4	6	5	5	2	4	4	4	5	5	4	5	5	5	5	5	5	6	6	7	7	7	6	6	6	6	5	5
Lynchburg Ferries	10	10	10	10	10	10	9	8	7	4	2	4	3	4	1	4	3	4	4	4	4	4	4	4	5	5	5	6	6	7	7	7	6	6	6	6	5	5
Exxon 3	9	10	10	10	10	9	8	7	7	2	1	2	2	2	0.19	2	1	2	3	3	3	3	4	4	5	5	6	6	6	7	7	6	6	6	6	5	5	
Morgans Point	8	10	10	9	9	8	8	7	7	0.96	0.74	3	1	1	0.12	2	1	1	2	2	2	3	3	4	6	6	5	5	6	7	7	6	6	6	6	6	5	
75/76	8	10	9	8	8	8	8	7	7	0.16	1	4	0.91	0.91	0.09	1	0.82	1	1	2	1	2	2	3	6	6	4	3	5	7	7	7	6	6	6	6	6	
63/64	8	8	8	8	8	8	7	7	7	0.06	1	6	0.22	0.12	0.07	1	0.59	0.84	1	1	1	1	1	2	6	7	3	2	4	6	7	7	7	7	7	7	6	
51/52	8	8	8	8	8	8	7	7	7	5	0.06	2	7	0.22	0.06	0.08	1	0.52	0.68	1	1	0.99	0.99	1	2	7	7	2	1	3	6	7	7	7	7	7	6	
37/38	8	8	7	8	8	7	7	7	7	3	0.06	3	7	0.76	0.06	0.14	1	0.68	0.76	1	1	1	0.98	1	2	6	6	2	2	3	5	6	6	6	6	6	6	
25/26	8	8	7	7	7	7	7	7	7	1	0.07	4	7	1	0.07	0.17	1	0.97	0.64	0.87	1	0.84	0.81	0.87	3	6	6	3	1	2	5	7	6	6	7	7	6	
11/12	8	7	7	7	7	7	7	7	7	0.54	0.07	3	7	2	0.09	0.17	1	1	0.47	0.59	0.81	0.56	0.54	0.6	3	7	7	3	2	1	4	7	7	7	7	7	6	
1 & 2 Bravo	7	7	6	7	7	7	7	7	7	0.24	0.07	3	7	5	2	0.14	1	3	0.22	0.35	1	0.21	0.2	0.22	4	7	7	5	4	0.32	4	7	7	7	7	7	6	



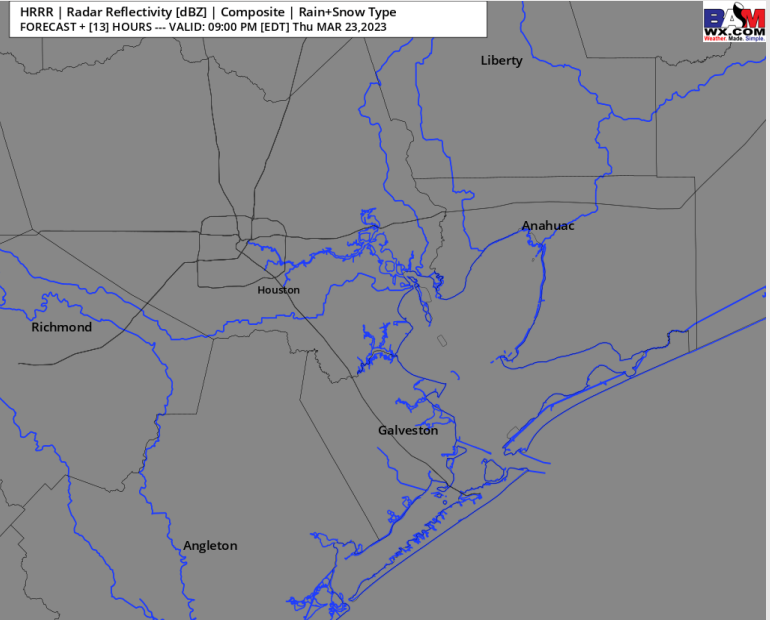
# Houston Pilots: Thu. 3/23/2023



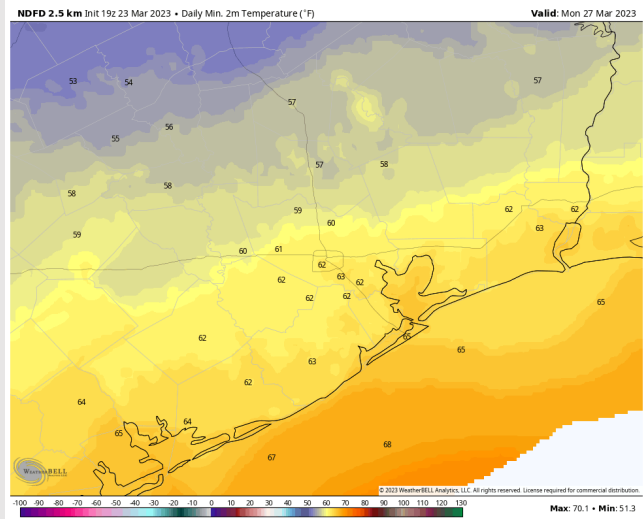
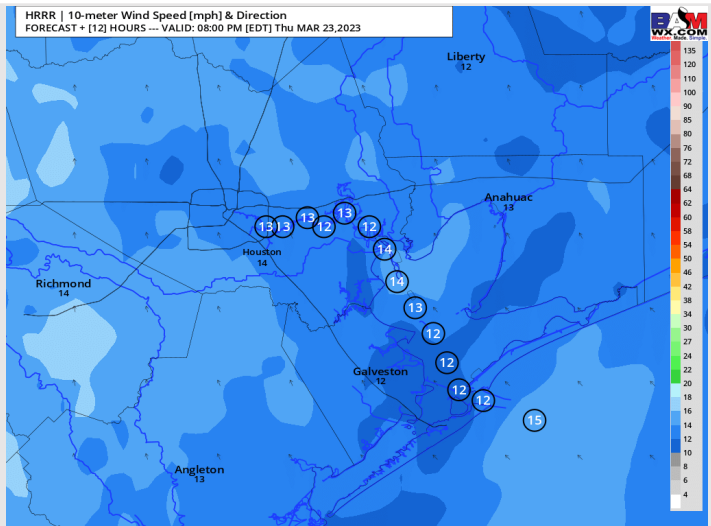
## Forecast Discussion

- Precip:** Anticipating dry conditions the rest of the the day today.
- Wind:** Sustained winds this afternoon around 10 – 15 knots with gusts of 16 – 22 knots will be possible. Gusts into the evening, especially north of Morgan’s Point of 20 – 25 knots will be possible.
- Temps:** Low temps Friday morning in the mid to low 60s F across all stations.
- Visibility:** Fog potential exists this PM. See slide 2 for more info.

## Precip Forecast: 8 PM CT



Wind Speed  
7 PM CT



Low Temps  
Friday AM

## Forecast Discussion

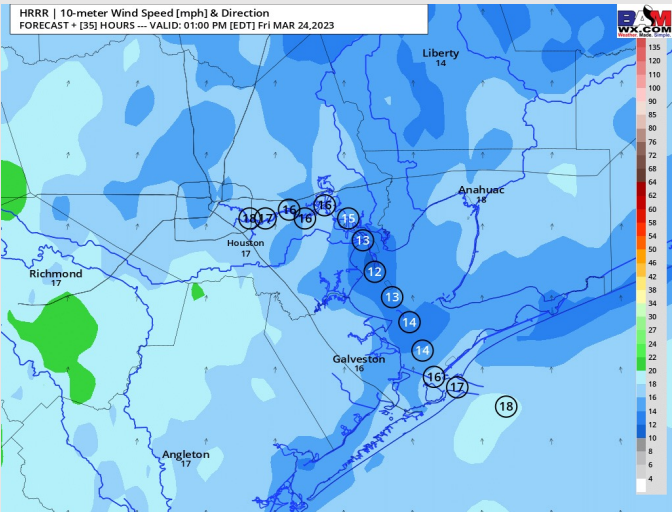
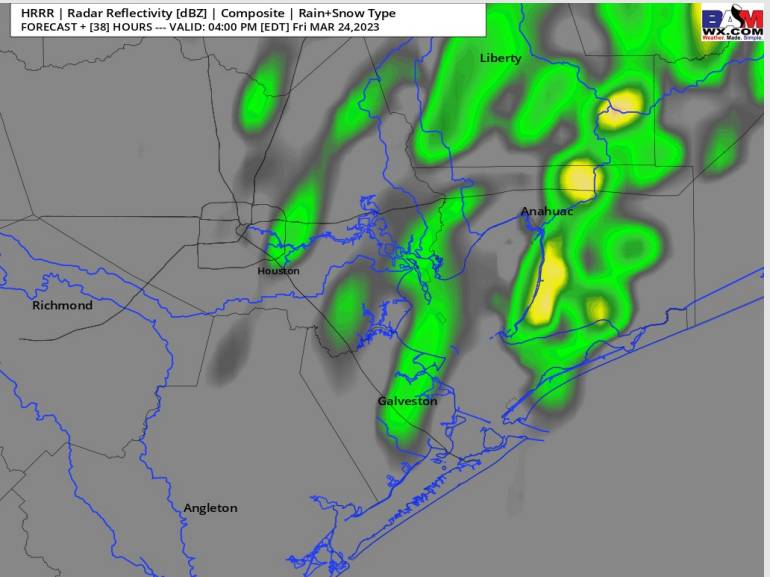
**Precip:** Watching the potential for an area of storms around the 2 – 5 PM timeframe tomorrow afternoon. Best potential will be north/ east of our stations. However a brief passing storm capable of producing a quick burst of heavy rain and perhaps a stronger storms cannot fully be ruled out.

**Wind:** Winds in the AM will be around 8 – 13 knots sustained out of the south before picking up into the afternoon sustained around 11 – 16 knots. Winds into the afternoon start to shift more out of the SW out ahead of a cold front. Gusts in the afternoon around 22 – 26 knots will be possible. Winds will remain out of the SW through the evening.

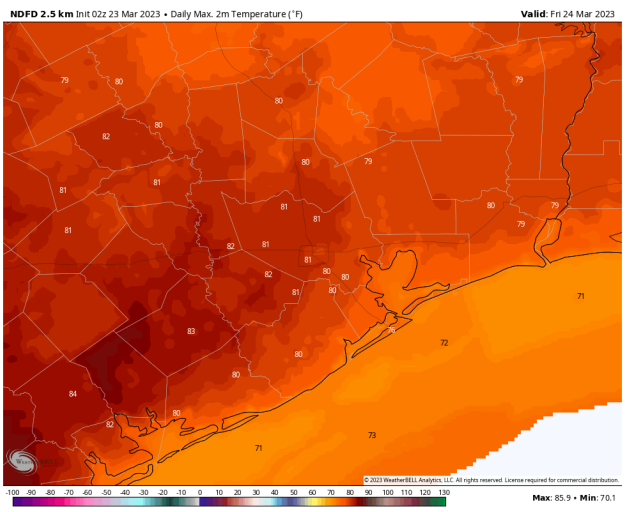
**Temps:** High temperatures Friday will be in the low 70s F near the boarding station and upper 70's/near 80 F for the other stations.

**Visibility:** Fog potential exists FRI AM with chances redeveloping into the late evening as well. More details on slides 2 and 3.

## Precip Forecast: 3 PM CT



Wind Speed  
12 PM CT



High Temps  
Friday



# Houston Pilots: Sat. 3/25/2023



## Forecast Discussion

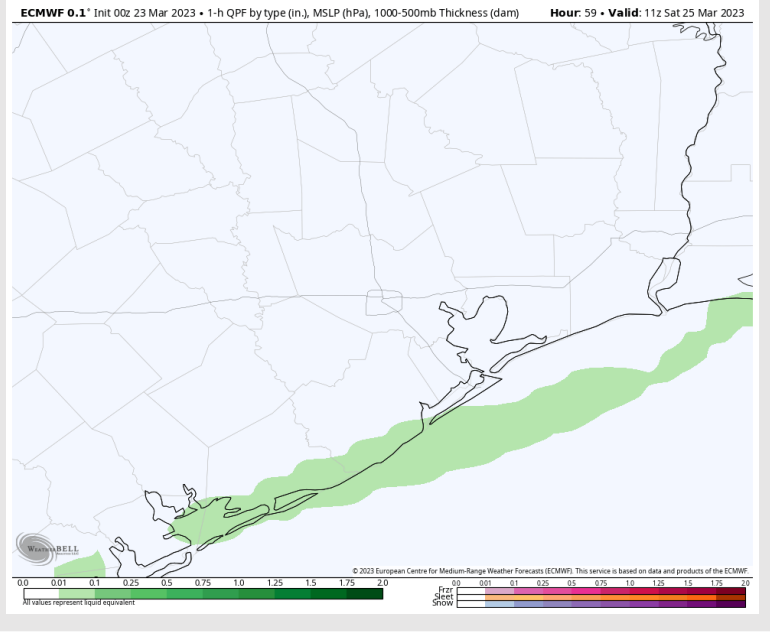
**Precip:** A few isolated showers will be possible (10-20%) in the early AM hours, with better chances south of Morgan's Point. After 6-8 AM, expecting dry conditions.

**Wind:** Winds Saturday will start out of the SW until 6 AM, where they will be from out of the NW. Winds will then shift to the SE by 6 PM. Wind speeds through 8 AM will be at 9-15 kts. After 8 AM, winds will die down to being 3-8 kts for the rest of the day.

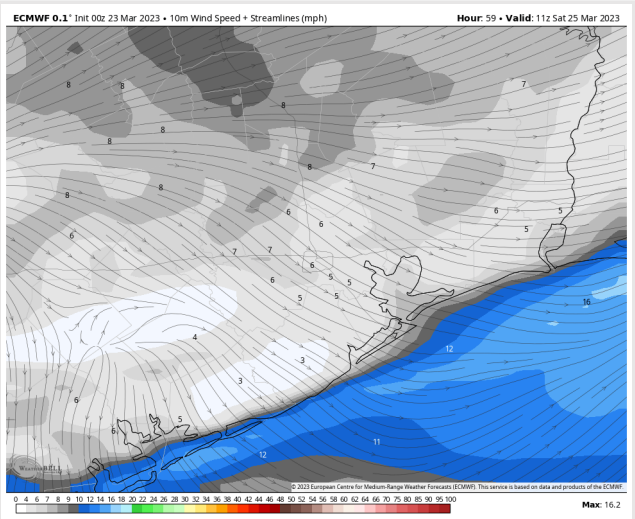
**Temps:** Anticipating high temperatures Saturday will be in the low 70s F near the boarding station and upper 70's/near 80 F for the other stations.

**Visibility:** Not Although confidence is low, a non-zero risk for reduced visibilities exists in the predawn hours of Saturday before winds shift out of the NW.

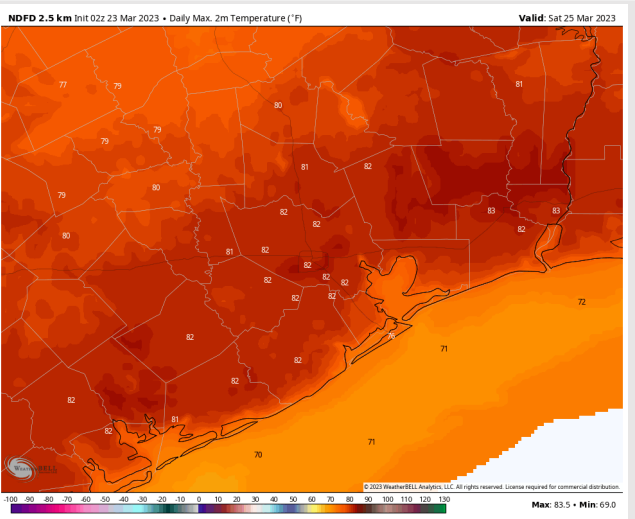
## Precip Forecast: 5 AM CT



## Wind Speed 6 AM CT



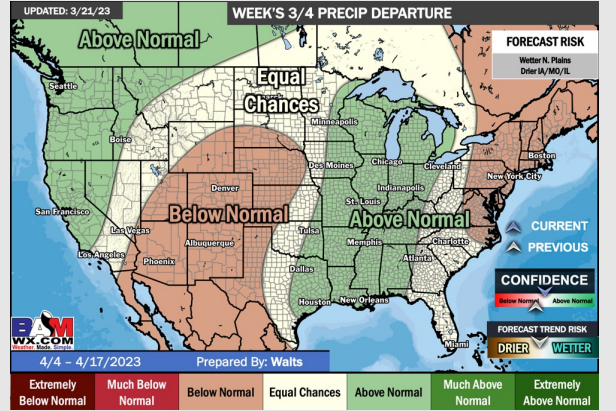
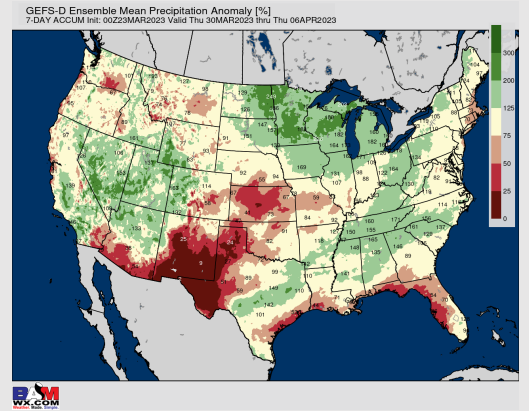
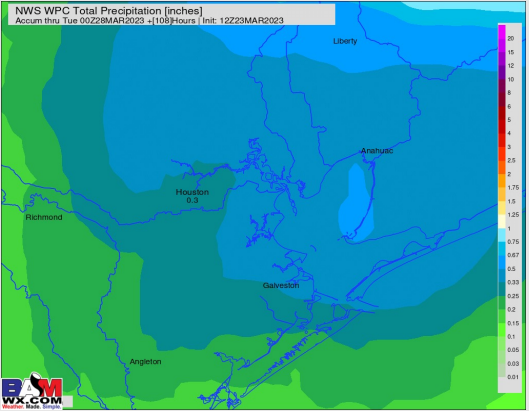
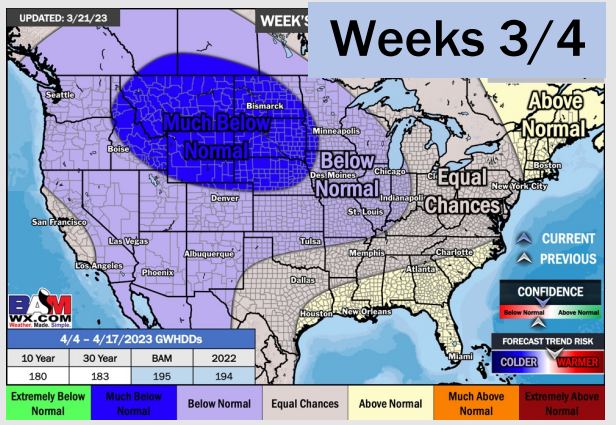
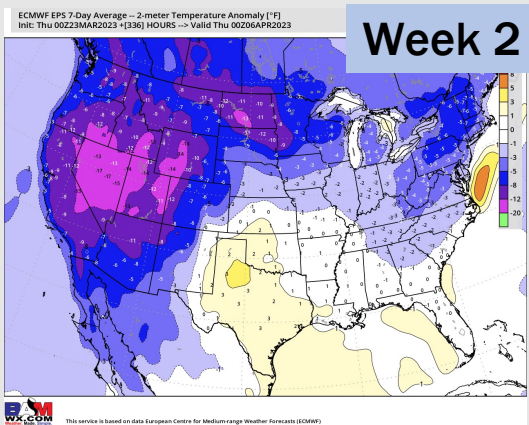
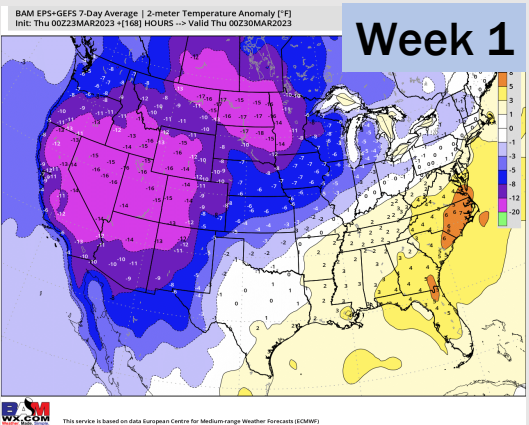
## High Temps Saturday



Wind Speed  
6 AM CT

High Temps  
Saturday

# Houston Pilots: 3/23/23



- Rain chances expected to move in over the weekend, continuing into the first part of the week. Temperatures are expected to be slightly above normal over the next seven days.
- Expecting below normal precipitation chances and 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.