

Houston Pilots Forecast Package



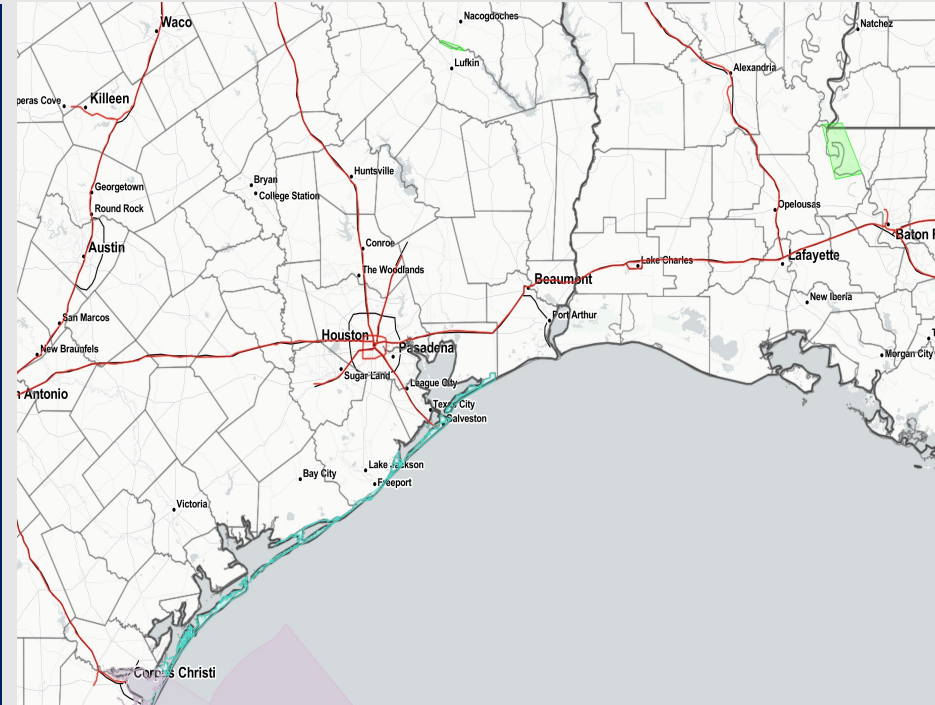
Updated: 5:20 AM CT

Thursday, March 23, 2023

Forecaster: Matt Griffin

Weather Headlines

- Low end risk for patchy fog this AM.
- Fog potential exists late tonight/ tomorrow morning as well.
- A few storms possible tomorrow as well into the afternoon.
- Some elevated winds possible the next 24 hours.



Radar/NWS Alerts: 5:20 AM CT



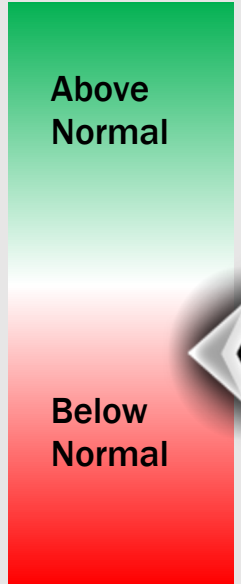
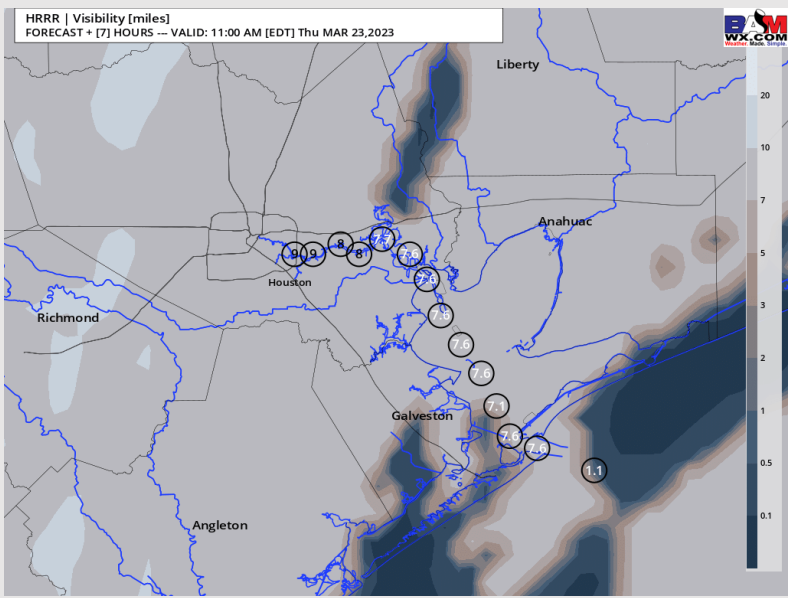
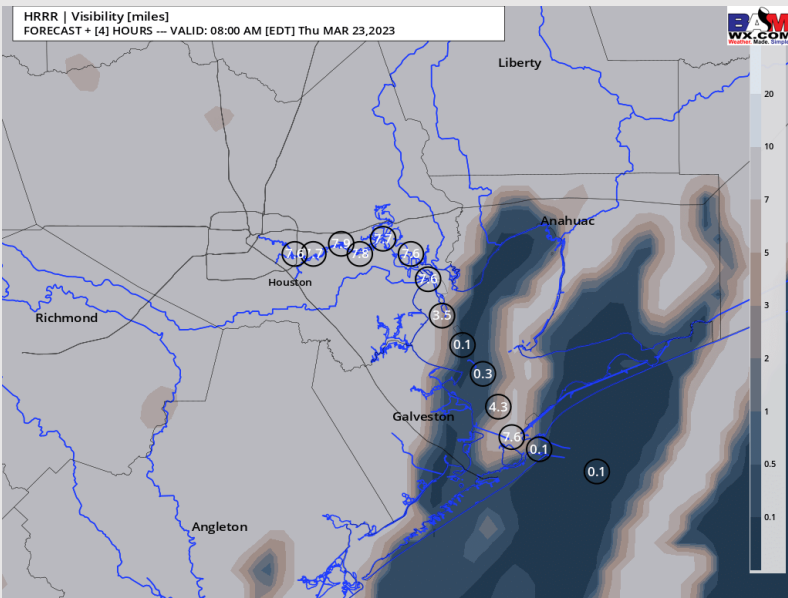
As always, please do not hesitate to reach out to us with any forecast questions via the chat option on the Weather Porthole or our on-call number, **(317)-560-8122** press 1 for forecast questions.

Houston Pilots Visibility Report



7 AM CT THU VISIBILITY 10 AM CT THU VISIBILITY

Confidence



TIMEFRAME DISCUSSED	THREAT
NOW - 10 AM THU	Low -Med

- Southeast winds will continue 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 - 3 miles.
- Confidence in DENSE FOG (Vis<1 Mile) continues to remain below normal due to slightly elevated winds. In isolated instances, this cannot be ruled out, especially for the southern 1/3 stations.
- Patchy fog is anticipated to increase over the next 1 - 2 hours. All stations are at risk with the greatest threat for southerly stations towards the Gulf.
- Threat should really diminish after the 10 AM timeframe this morning. A few areas of slightly reduced visibilities may linger just beyond, but any dense fog threat should be over with.

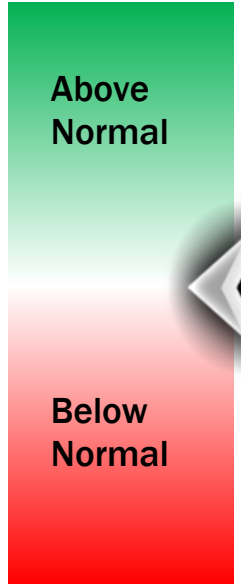
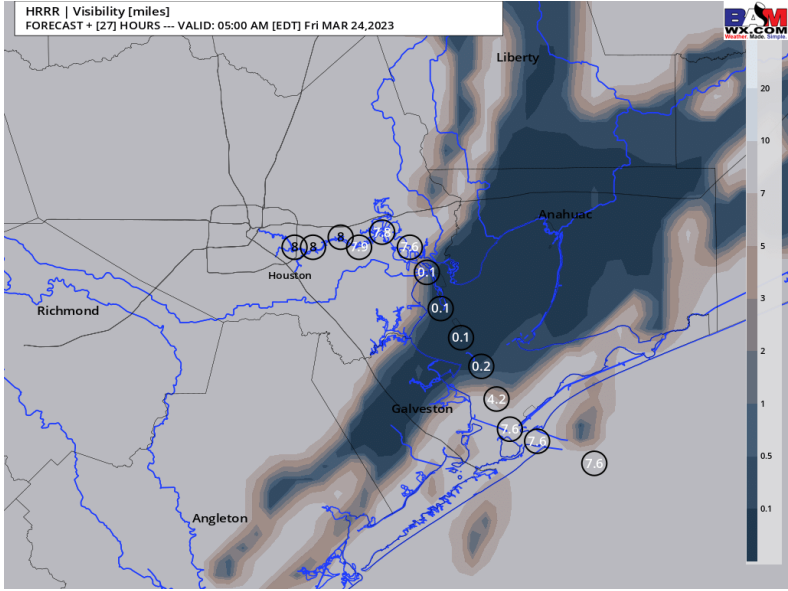
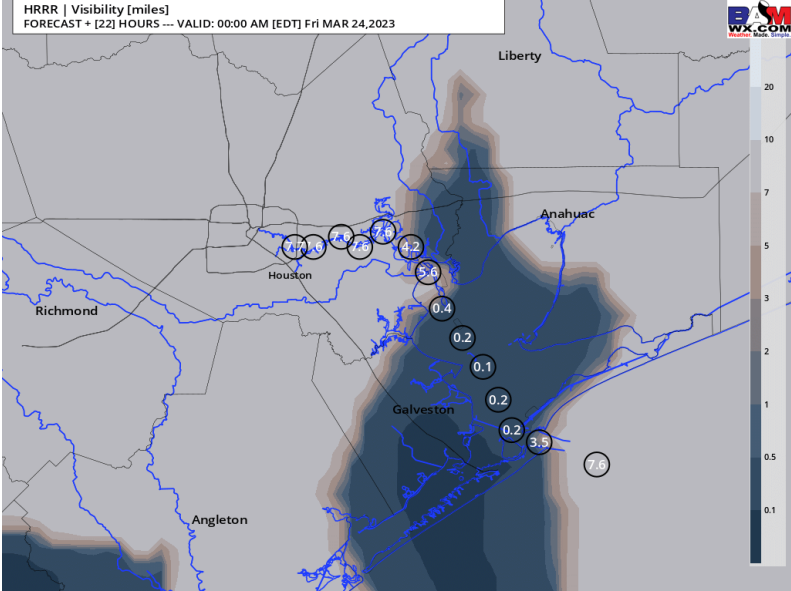
Houston Pilots Visibility Report



11 PM CT THU VISIBILITY

4 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. However, areas of dense fog (vis less than 1 mile) cannot be ruled out.
- All stations are at risk for this threat.
- 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 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



Confidence

Above Normal

Below Normal

More info on slide 2/3 for fog threats.

Time	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	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		
610 Bridge	7	7	7	8	8	8	10	10	10	10	10	10	10	10	10	7	7	8	9	10	10	10	10	10	10	10	10	10	7	6	6	6	6	6	6	6	6	7
Kinder 1	7	7	7	8	7	8	10	10	10	10	10	10	10	10	10	7	7	8	9	10	10	10	10	10	10	10	10	10	7	6	6	6	6	6	6	6	6	7
Greens Bayou	7	7	7	8	7	8	9	10	10	10	10	10	10	10	9	7	7	8	9	9	9	9	9	9	9	10	9	9	7	6	6	7	6	6	6	6	6	6
Shell Crude	7	7	7	8	6	7	9	10	10	10	10	10	10	10	9	7	7	7	9	9	9	9	9	9	9	9	9	9	8	6	6	7	6	6	6	6	6	6
Lynchburg Ferries	7	7	7	7	5	7	8	9	10	10	10	10	10	10	8	7	7	7	9	9	9	9	9	9	9	9	9	9	7	6	6	7	6	6	6	6	6	6
Exxon 3	7	7	7	5	3	7	7	8	10	10	10	10	10	9	8	6	6	7	9	8	8	8	8	8	8	9	8	8	7	6	6	7	7	6	6	6	6	6
Morgans Point	7	7	5	4	1	7	6	8	9	10	10	10	9	8	7	6	5	6	8	7	6	6	7	7	8	7	6	5	5	6	7	7	6	4	5	6	6	
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1 & 2 Bravo	7	2	0.74	6	5	3	2	5	7	7	7	7	7	7	7	4	3	6	4	0.48	0.56	0.51	0.65	4	0.49	0.51	0.48	0.36	3	7	7	6	1	3	6	2		

Houston Pilots Wind Report



Confidence



Example

Sustained wind 13 Knots
Gusts 18 Knots
Wind from the N

WS: 13
G:18
N

Time Knots	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	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	
610 Bridge	7	8	8	7	7	8	9	11	11	13	14	14	13	12	11	16	16	17	16	17	16	16	15	15	15	14	13	15	15	16	17	19	19	20	18	18	
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Kinder 1	7	7	8	7	7	8	9	10	11	13	14	14	13	12	10	16	16	17	16	17	16	16	15	15	15	14	13	14	16	17	18	19	19	18	19		
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Greens Bayou	7	7	8	7	7	8	9	10	11	13	14	14	13	12	10	16	16	16	16	16	16	15	15	14	14	12	14	14	16	18	19	19	18	19			
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Shell Crude	7	8	8	7	6	8	9	10	12	14	14	14	13	11	10	15	15	16	16	16	16	16	15	15	14	14	12	13	14	15	16	17	18	19	18	18	
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Lynchburg Ferries	7	8	8	7	6	7	8	10	11	14	14	14	13	11	9	15	16	16	16	16	16	15	15	15	14	12	13	14	15	16	17	18	18	18	18		
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Exxon 3	7	9	9	6	6	8	8	9	11	13	13	13	12	10	9	15	16	16	15	16	15	15	15	14	15	14	13	13	14	15	16	17	17	17	18		
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Morgans Point	8	10	10	6	7	9	8	9	12	12	12	13	11	10	9	15	16	16	16	16	15	15	15	15	14	14	14	14	15	15	16	16	17	17	18		
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1 & 2 Bravo	9	9	11	13	11	7	5	7	8	9	8	10	12	11	12	17	16	17	17	19	18	18	18	17	16	16	16	16	16	17	17	16	17	18	20		
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Houston Pilots: Thu. 3/23/2023



Forecast Discussion

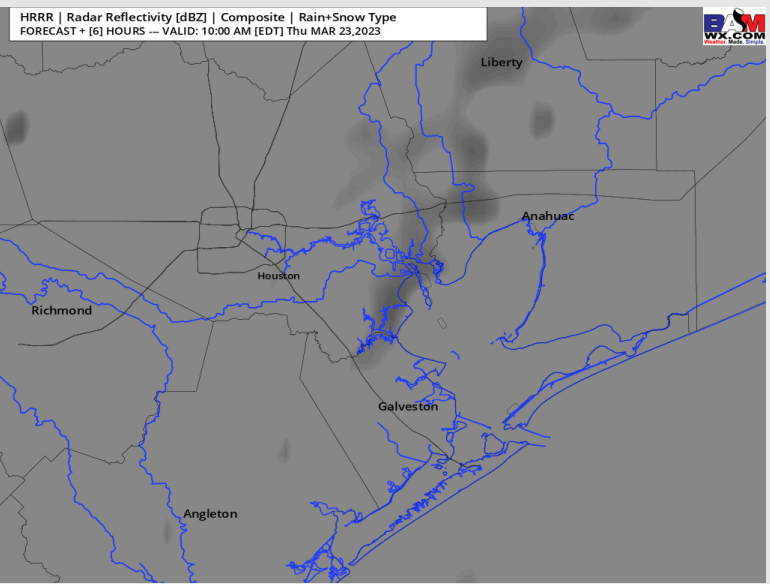
Precip: A light pocket of drizzle/ sprinkles cant be ruled out for northerly stations this morning. Mostly dry conditions favored.

Wind: This morning will continue to offer up slightly reduced winds (allowing for the potential for fog) with sustained winds out of the SSE around 6 – 10 knots through 11 am. Winds are anticipated to pick up in the afternoon sustained around 10 – 15 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.

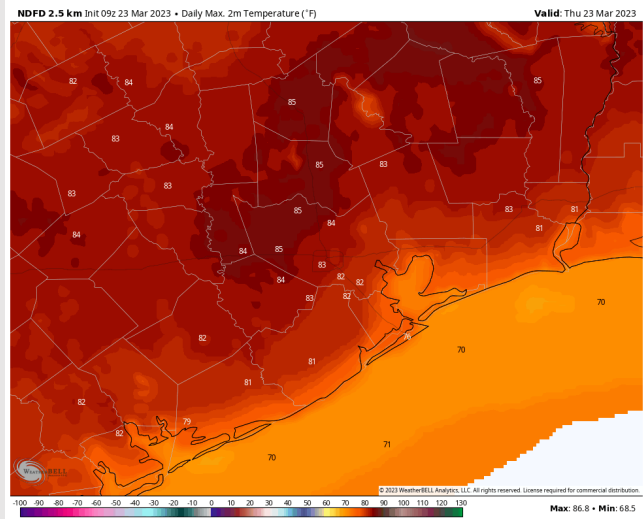
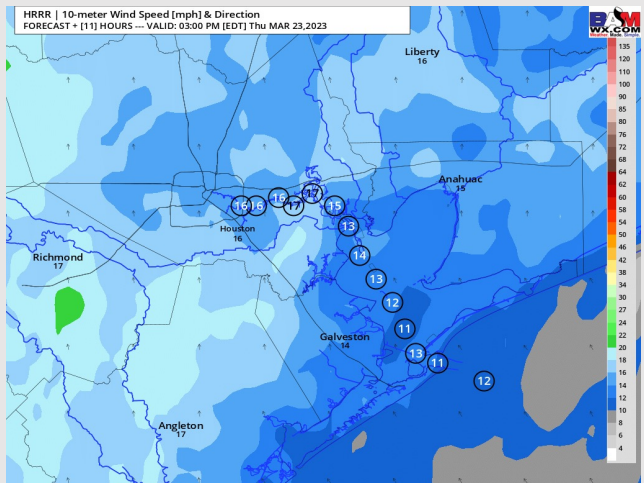
Temps: High temperatures today in the low 70s F at the Boarding Station and in the mid to upper 70’s F for other stations.

Visibility: Fog potential exists this AM and again late tonight/ tomorrow AM. See slides 2/3 for more info.

Precip Forecast: 9 AM CT



Wind Speed
2 PM CT



High Temps
Today

Houston Pilots: Fri. 3/24/2023



Forecast Discussion

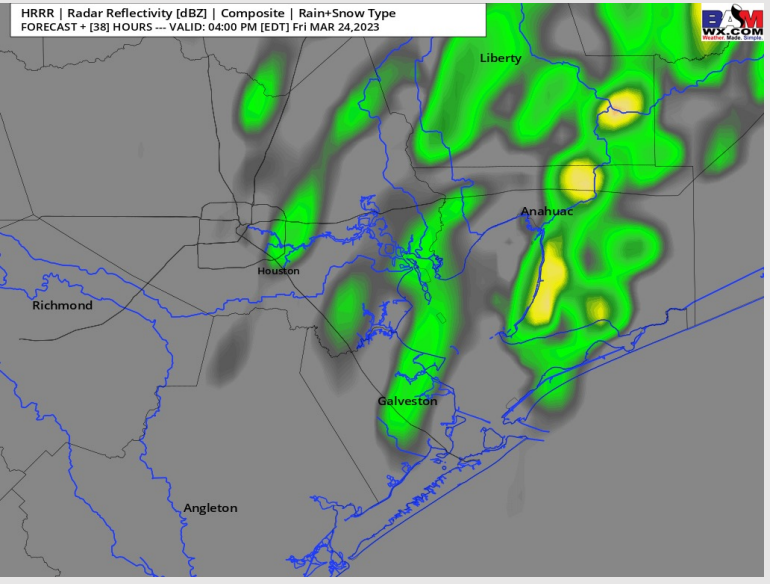
Precip: Watching the potential for an area of storms around the 2 – 5 PM timeframe tomorrow afternoon. Best potential will be north/ east of our stations. However a brief passing storm capable of producing a quick burst of heavy rain and perhaps a stronger storms cannot fully be ruled out.

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.

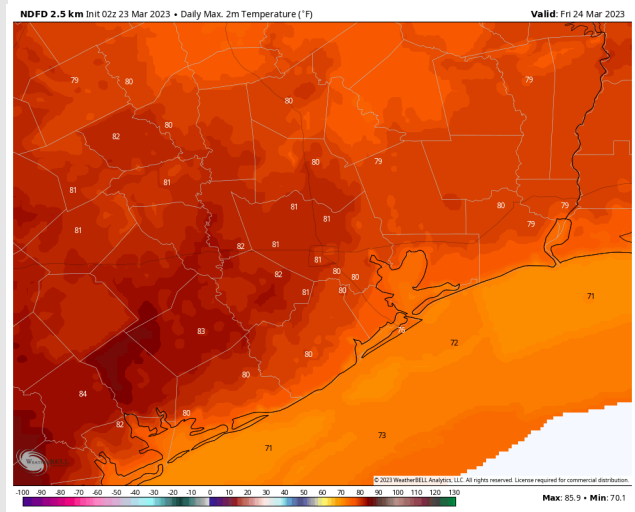
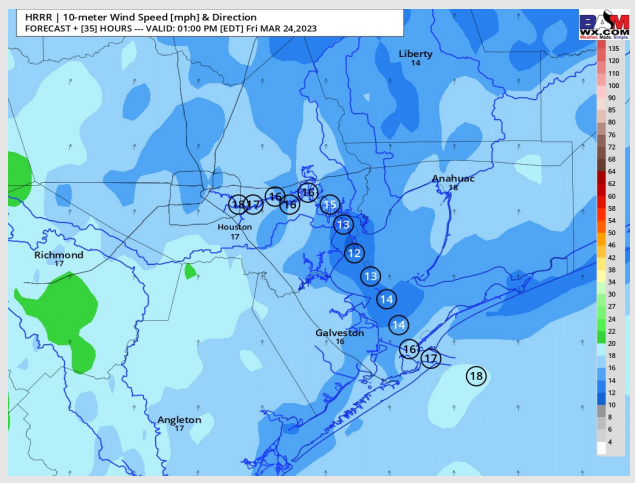
Temps: High temperatures Friday will be in the low 70s F near the boarding station and upper 70's/near 80 F for the other stations.

Visibility: Fog potential exists FRI AM. More details on slide 3.

Precip Forecast: 3 PM CT



Wind Speed
12 PM CT



High Temps
Friday

Houston Pilots: Sat. 3/25/2023



Forecast Discussion

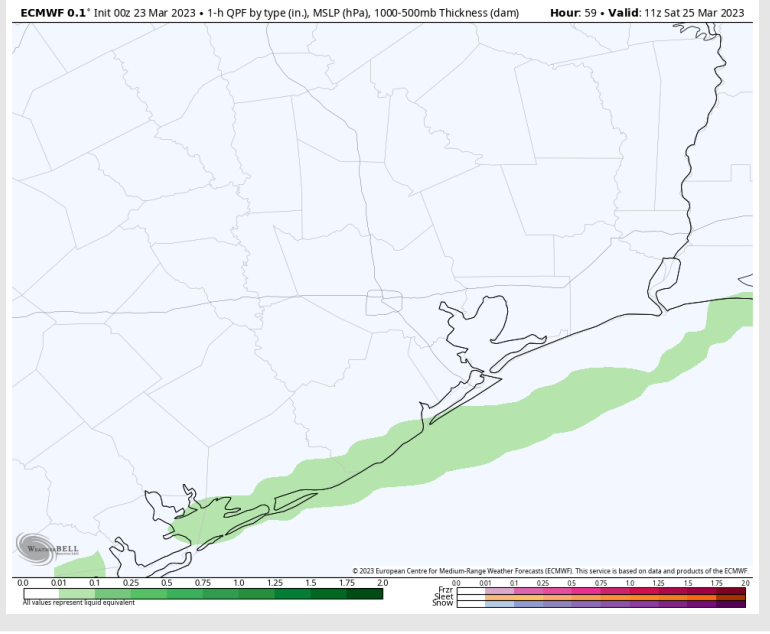
Precip: A few isolated showers will be possible (10-20%) in the early AM hours, with better chances south of Morgan's Point. After 6-8 AM, expecting dry conditions.

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.

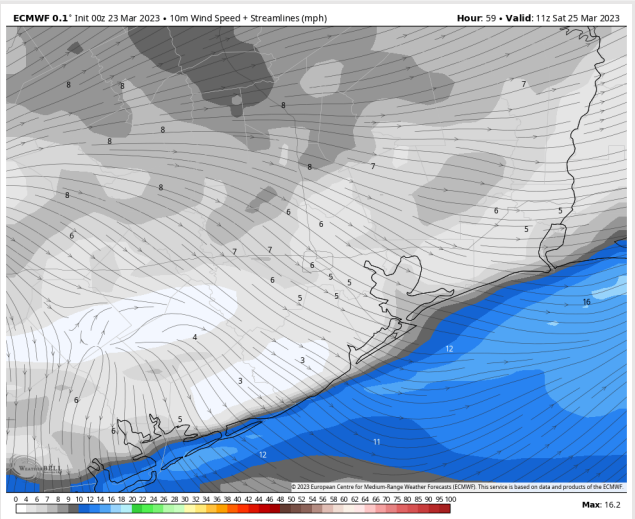
Temps: Anticipating high temperatures Saturday will be in the low 70s F near the boarding station and upper 70's/near 80 F for the other stations.

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.

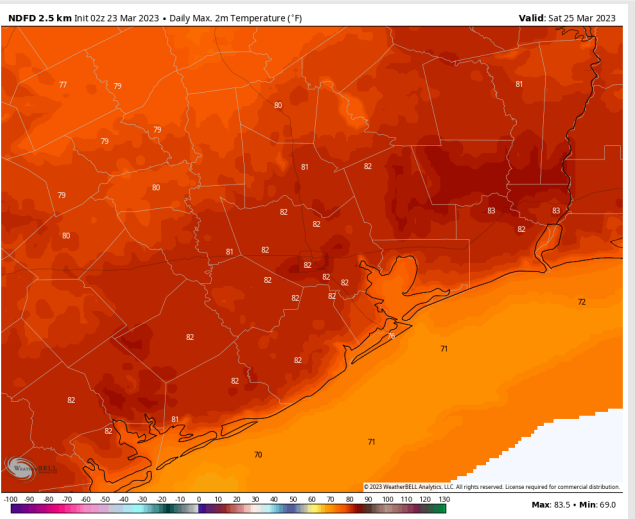
Precip Forecast: 5 AM CT



Wind Speed 6 AM CT



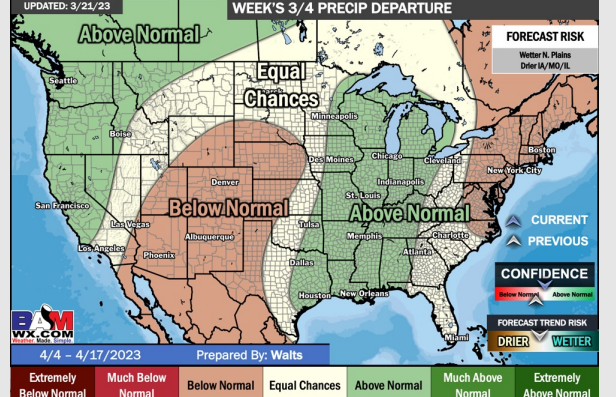
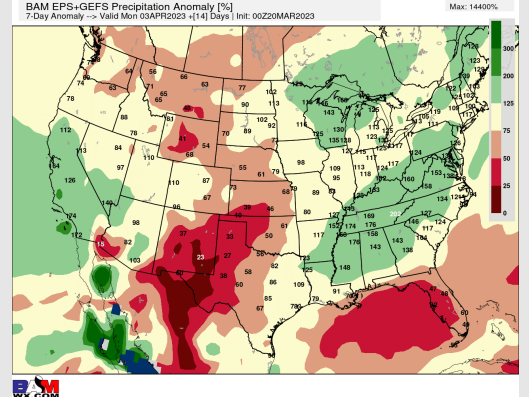
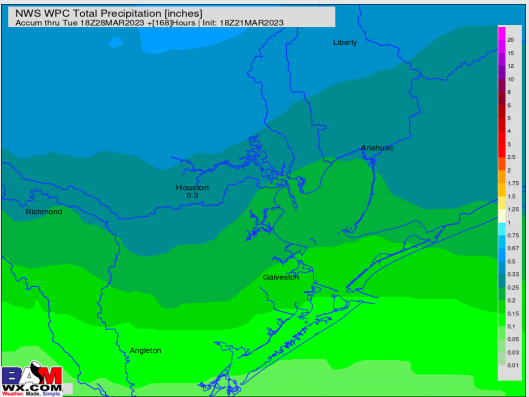
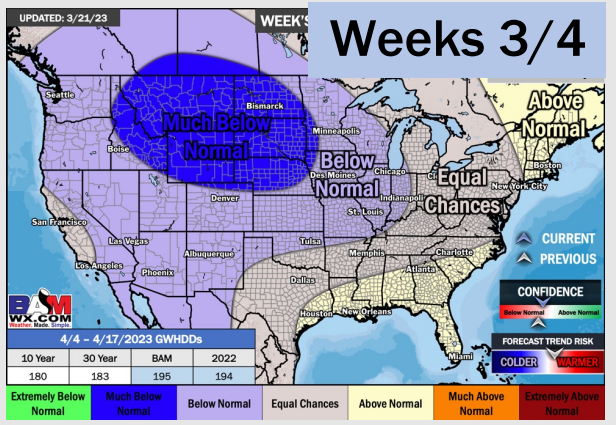
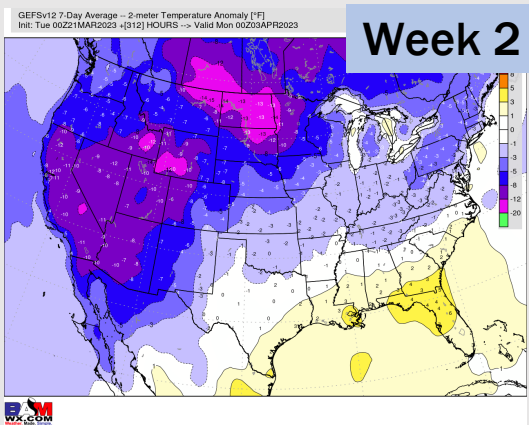
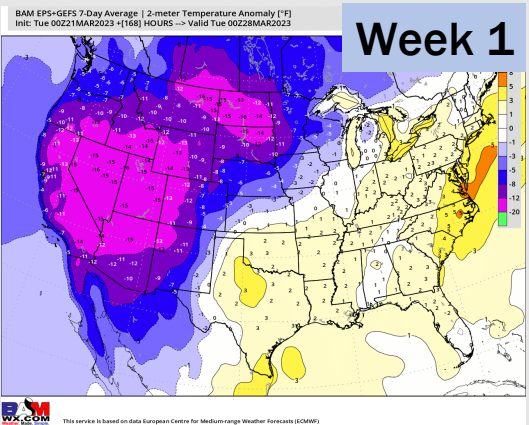
High Temps Saturday



Wind Speed
6 AM CT

High Temps
Saturday

Houston Pilots: 3/23/23



- Rain chances 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.