

Houston Pilots Forecast Package



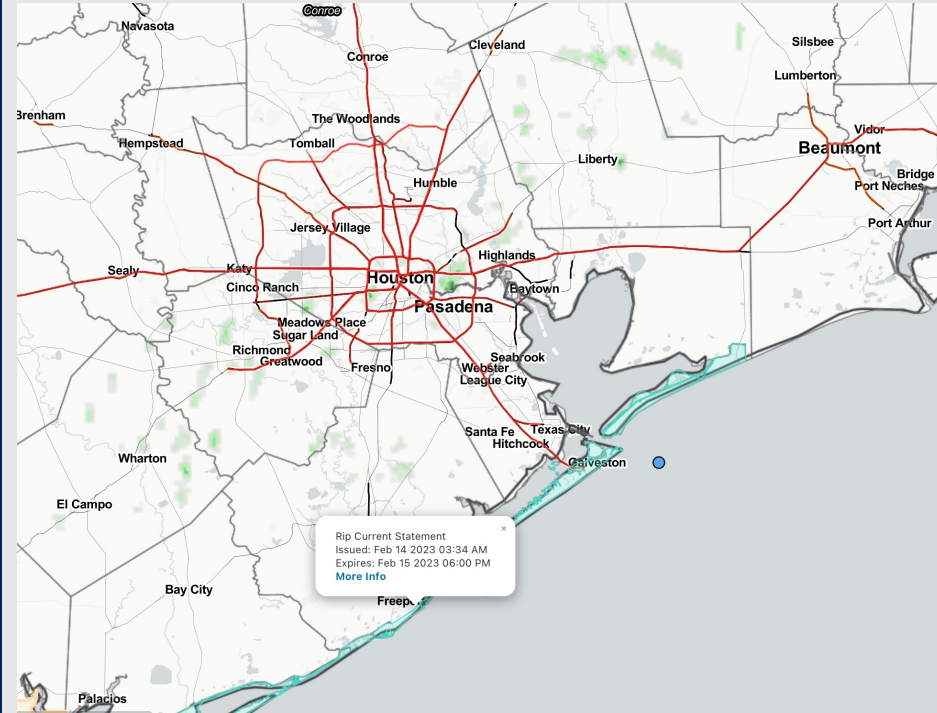
Updated: 1:30 PM CT

Wednesday, February 15, 2023

Forecaster: Alyssa McClung

Weather Headlines

- **Anticipating dense fog to redevelop getting into the early evening, continuing into Thursday AM. View visibility slides for more details.**
- **Expecting rain chances to stick around today and early Thur. AM before drying out for the weekend.**
- **Check slides below for more details on daily breakdowns of winds as they will become elevated this afternoon. Winds behind the cold front Thursday will also lead to gusty winds (gusts 30+ knots in the PM)**



Radar/NWS Alerts: 1:30 PM CT



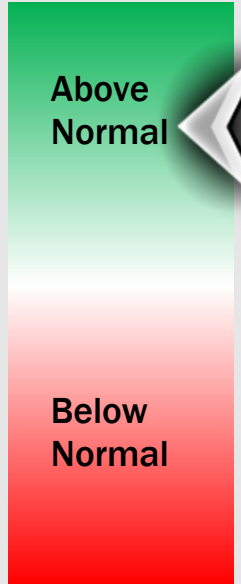
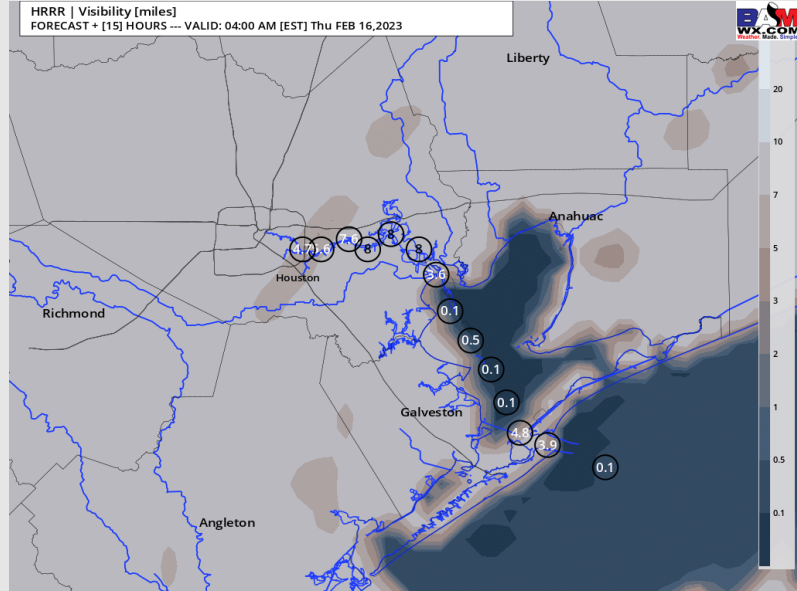
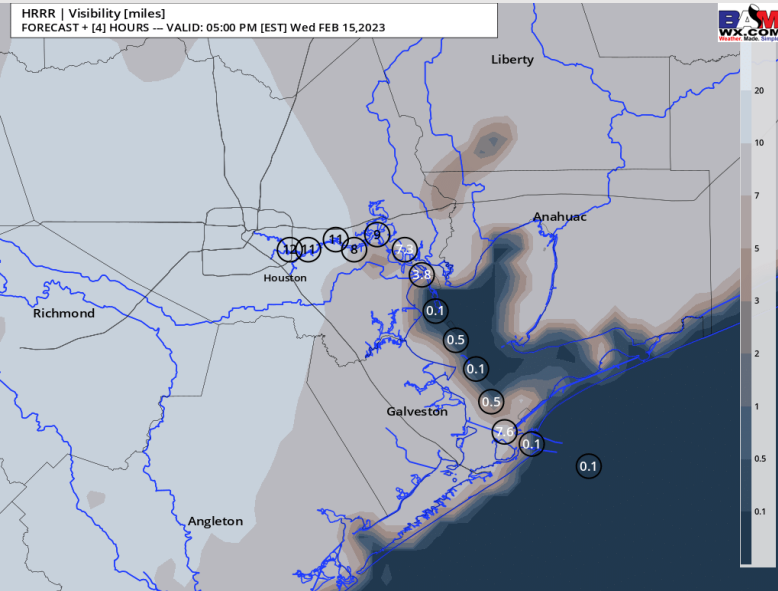
As always, please do not hesitate to reach out to us with any forecast questions via the chat option on the Weather Porthole or our on-call number, **(317)-560-8122** press 1 for forecast questions.

Houston Pilots Visibility Report



4 PM WED VISIBILITY 3 AM THU VISIBILITY

Confidence



TIMEFRAME DISCUSSED	THREAT
CURRENT - 8 AM THU	Medium - High

- Expecting a low end risk for patchy fog development now through 3 PM. After 3 PM, patchy fog chances will increase with the greatest risk coming after 5 PM, where widespread dense fog begins to work back into the area, impacting all stations.
- Confidence is higher than average that there will be fog overnight Wednesday into the pre-dawn hours Thursday along with pockets of rain showers. Anticipating visibilities to be less than 1 mile.
- A cold front will work through the region between 5-8 AM hours Thursday and as it does so it will take precip with it and effectively wipe out any fog risks (from North to South) as winds turn from the NW.

Houston Pilots Extended Range Visibility Report



Saturday 2/18/23

Winds shift from the NE to SE by late Saturday evening. Most likely not enough time for sea fog to develop.



Sunday 2/19/23

S – SSE winds all day Sunday. Will need to monitor for sea fog potential, however right now we are not in favor of this.



Monday 2/20/23

Elevated SW winds all day Monday. Will need to monitor for sea fog potential, however we are not in favor of this.



Chance for Reduced Visibility

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

Houston Pilots Wind Report



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	10	11	9	9	9	9	7	7	7	7	9	7	9	8	8	12	10	10	9	14	15	19	19	19	19	18	17	17	18	18	18	17	16	19	18	19
	18	21	21	21	20	19	18	19	20	20	24	21	24	23	21	18	16	15	14	21	23	28	29	29	28	28	26	26	27	27	26	25	28	27	28	
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Kinder 1	10	11	9	9	9	9	7	7	7	7	9	7	9	8	7	12	10	10	9	13	15	18	19	19	19	18	17	17	18	18	17	17	16	18	18	18
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Greens Bayou	9	10	9	9	9	9	7	7	7	7	9	8	9	8	7	12	10	9	8	12	15	18	19	19	18	18	17	17	18	17	17	16	18	18	18	
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Shell Crude	9	9	9	9	9	9	7	7	7	7	10	8	9	8	7	11	10	9	7	11	14	18	18	19	18	18	17	17	17	17	17	17	16	18	18	18
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Lynchburg Ferries	9	9	8	8	8	9	7	7	7	7	10	8	9	7	7	11	10	8	7	11	13	18	18	18	18	18	17	17	17	17	16	16	18	18	18	
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Exxon 3	8	8	8	8	8	8	7	8	8	7	10	9	9	8	6	10	9	8	7	10	13	18	18	18	18	17	17	17	17	17	16	16	18	17	18	
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Morgans Point	7	8	9	9	8	9	8	8	8	8	11	10	9	9	6	10	9	7	7	10	13	18	18	18	18	18	18	18	18	18	18	18	18	18	18	
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51/52	10	9	11	11	12	11	11	12	10	11	12	13	12	11	11	10	9	7	7	9	15	18	19	22	22	23	23	22	23	24	24	24	25	26	28	
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25/26	12	11	11	11	11	11	12	11	13	12	11	11	12	11	10	9	8	7	6	7	12	16	19	22	23	23	23	22	23	22	24	23	24	25	27	
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1 & 2 Bravo	12	7	7	8	9	11	11	12	14	12	8	10	10	12	11	10	10	9	8	8	11	15	19	23	25	26	26	26	27	26	27	26	28	29		
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Houston Pilots: Wed. 2/15/2023



Forecast Discussion

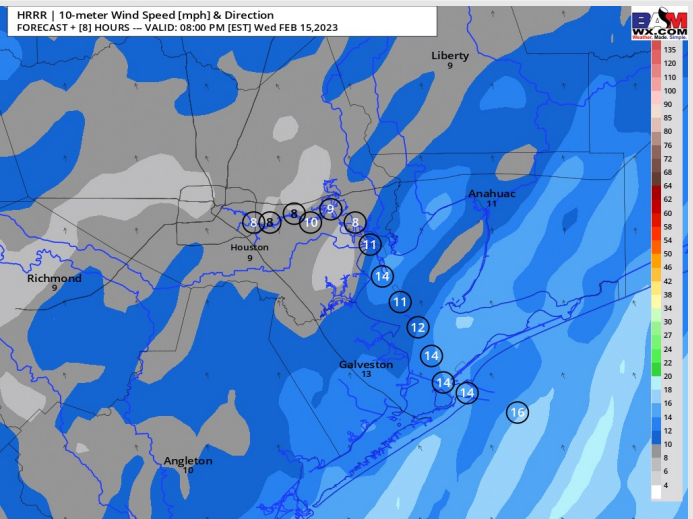
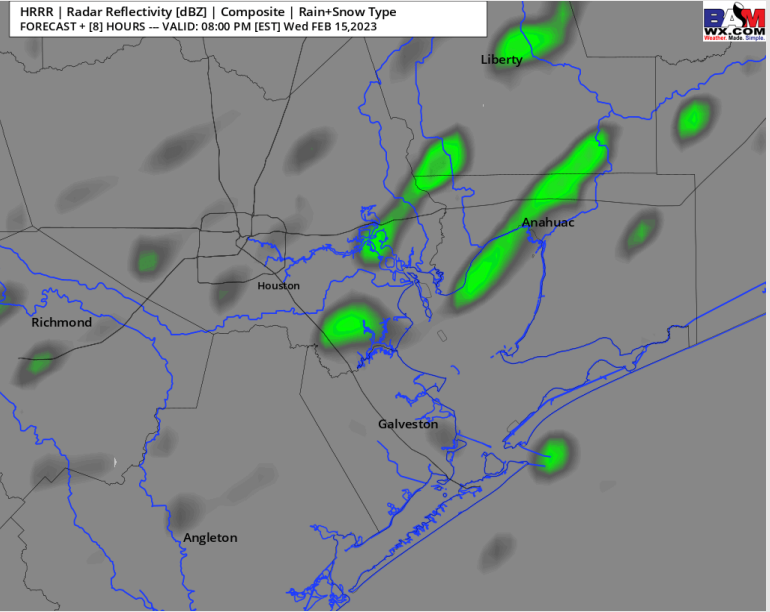
Precip: Isolated showers possible in the area between 10 AM – 9 PM. Coverage will be on the order of ~30% and intensity rather light. This is certainly not a washout of a day.

Wind: Sustained winds out of the SSE for the rest of the day. Winds of 10-15 kts favored for stations north of Morgan’s Point and 13-18 kts for stations south of Morgan’s Point and will stay that way for the rest of the day. Occasional gusts to 18-23 knots at the boarding station will be possible anytime after 1 PM.

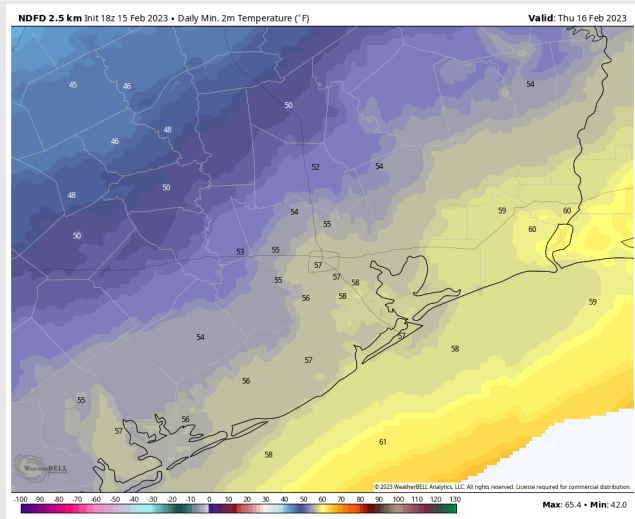
Temps: Low temperatures Thursday morning in the upper 50s F for all stations.

Visibility: Please check detailed fog slide above for fog risks tonight. Anticipating fog to redevelop this evening into tomorrow AM.

Precip Forecast: 7 PM CT



Wind Speed
7 PM CT



Low Temps
Thursday AM

Houston Pilots: Thu. 2/16/2023



Forecast Discussion

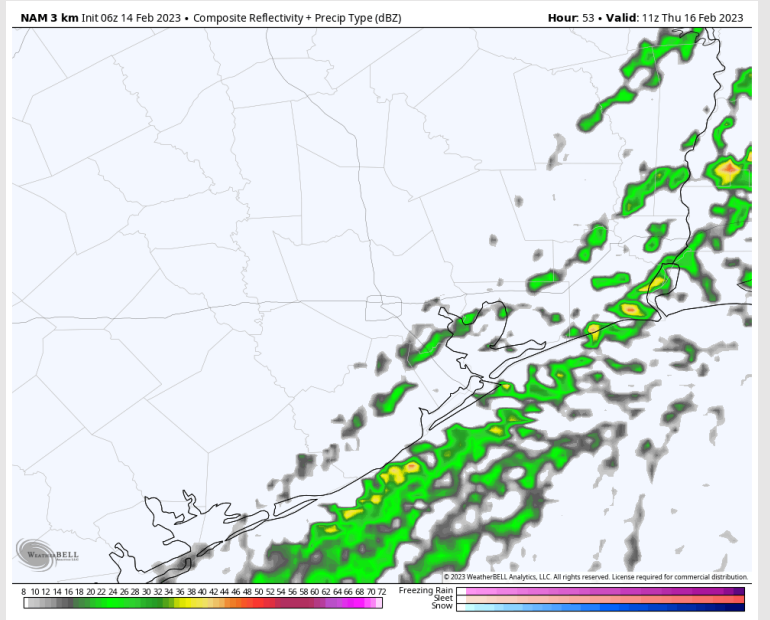
Precip: A line of showers and a few thunderstorms will be possible Thursday AM from 5 – 8 AM with the cold front. Dry conditions filter in behind the front.

Wind: Prior to 6 AM, winds for stations north of Morgan's Point at 5 – 10 kts and 10 – 15 kts for stations south of Morgan's Point coming from the SW. After 9 AM, winds increase to 13 – 17 kts for stations north of Morgan's Point, and 18-23 knots South of Morgan's Point. **Wind gusts of 30 + kts possible around the Boarding Station most of the day.**

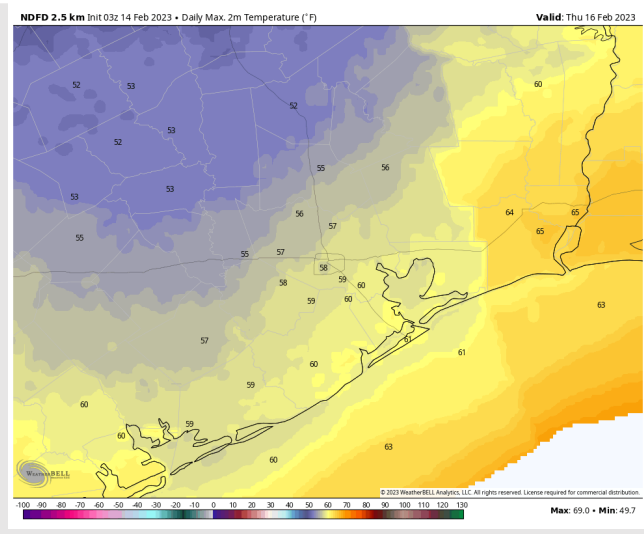
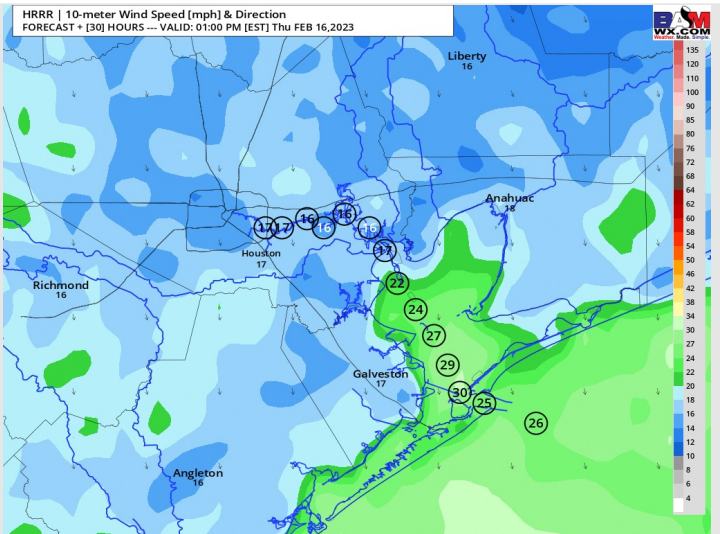
Temps: High temperatures Thursday will be near 60 F across all stations. This happens early in the day.

Visibility: Fog will be possible before the passing of the cold front. More details on early AM threat on fog slide above.

Precip Forecast: 6 AM CT



Wind Speed
12 PM CT



High Temps
Thursday

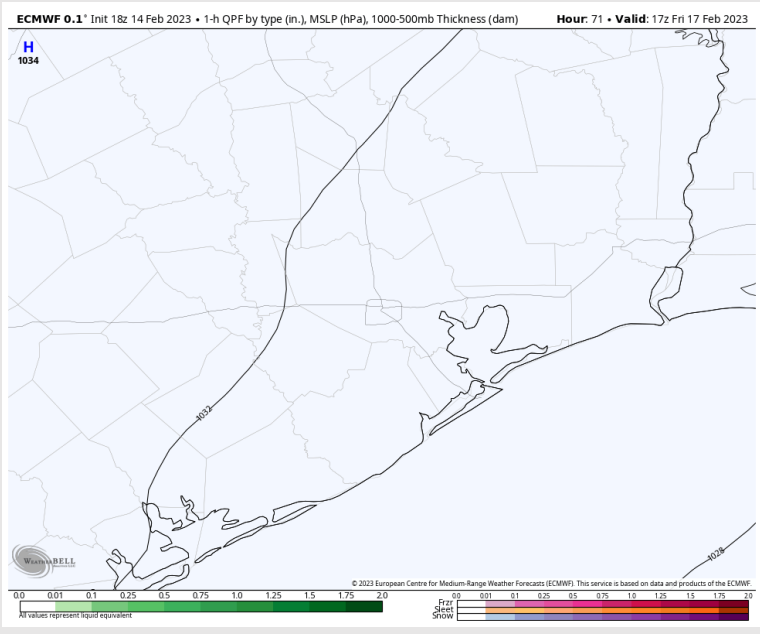
Houston Pilots: Fri. 2/17/2023



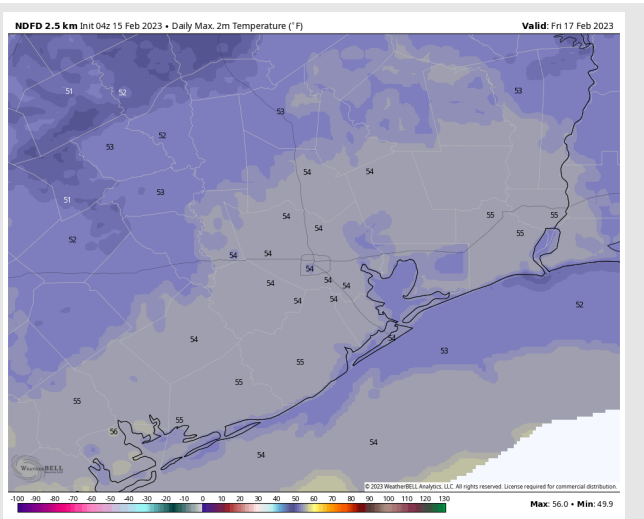
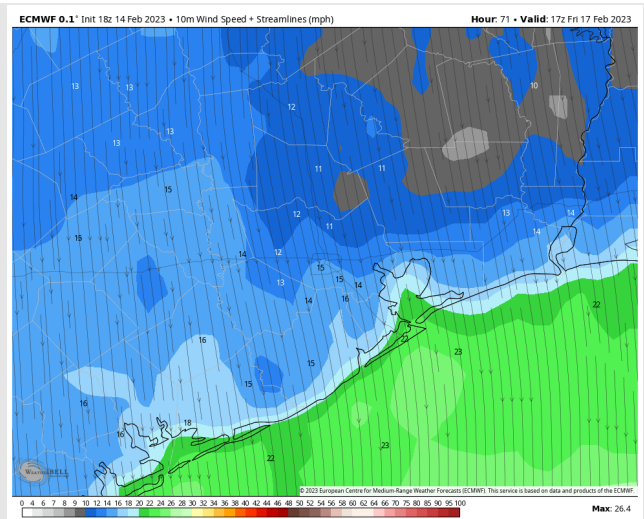
Forecast Discussion

- Precip:** Anticipating dry conditions for Friday.
- Wind:** Sustained winds from the NW and gradually shifts from the NE throughout the entire day. Elevated winds of 13 – 17 kts for stations north of Morgan’s Point and 17-22 kts for stations south of Morgan’s Point will continue until 4 PM. Winds will then gradually decrease to 5-10 kts for stations north of Morgan’s Point and 12 – 17 kts for stations south of Morgan’s Point and stay that way for the rest of the evening. **Wind gusts of 30 kts will be possible for stations south of 51/52 until 12 PM, before gusts fall to 20-25 knots at the boarding station.**
- Temps:** High temperatures Friday will be mid to lower 50s F across all other stations.
- Visibility:** Not anticipating visibility concerns at this time.

Precip Forecast: 11 AM CT

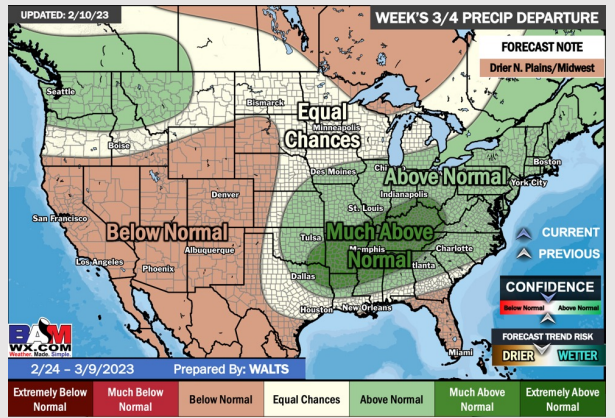
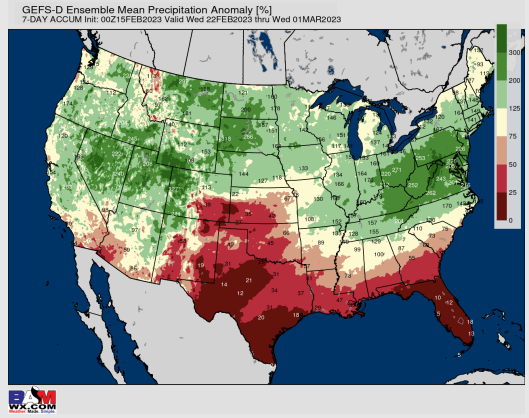
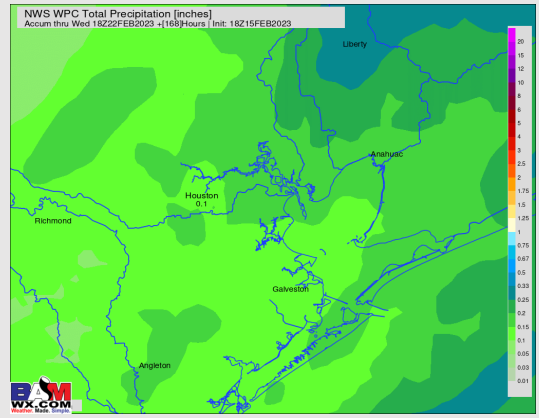
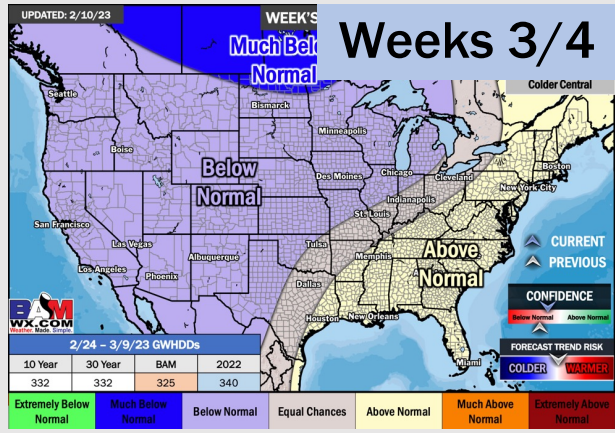
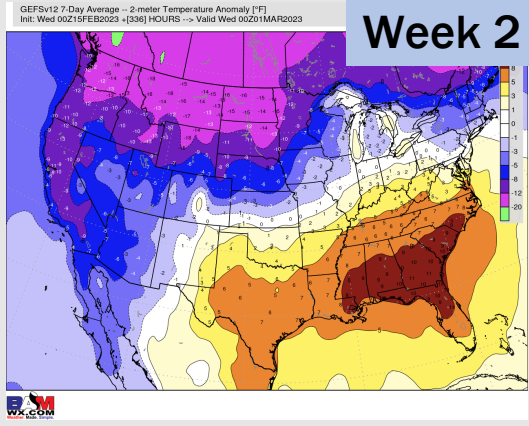
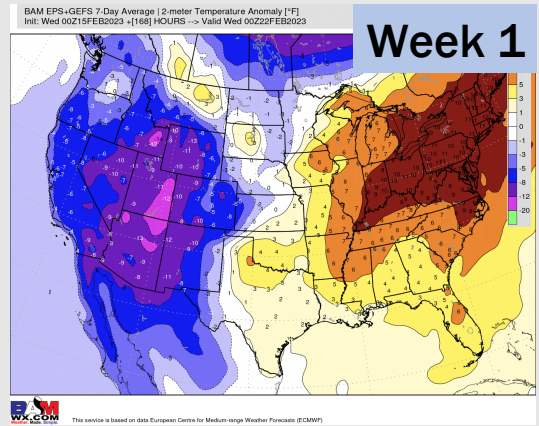


Wind Speed
11 AM CT



High Temps
Friday

Houston Pilots: 2/15/23



- Rain chances expected Thursday and Wednesday next week with temperatures slightly above normal for the 1 week timeframe.
- Expecting below normal precipitation chances and above normal temperatures for the week 2 timeframe.
- Equal chances for precipitation and above normal temperatures favored in the week 3/4 timeframe.