

Houston Pilots Forecast Package



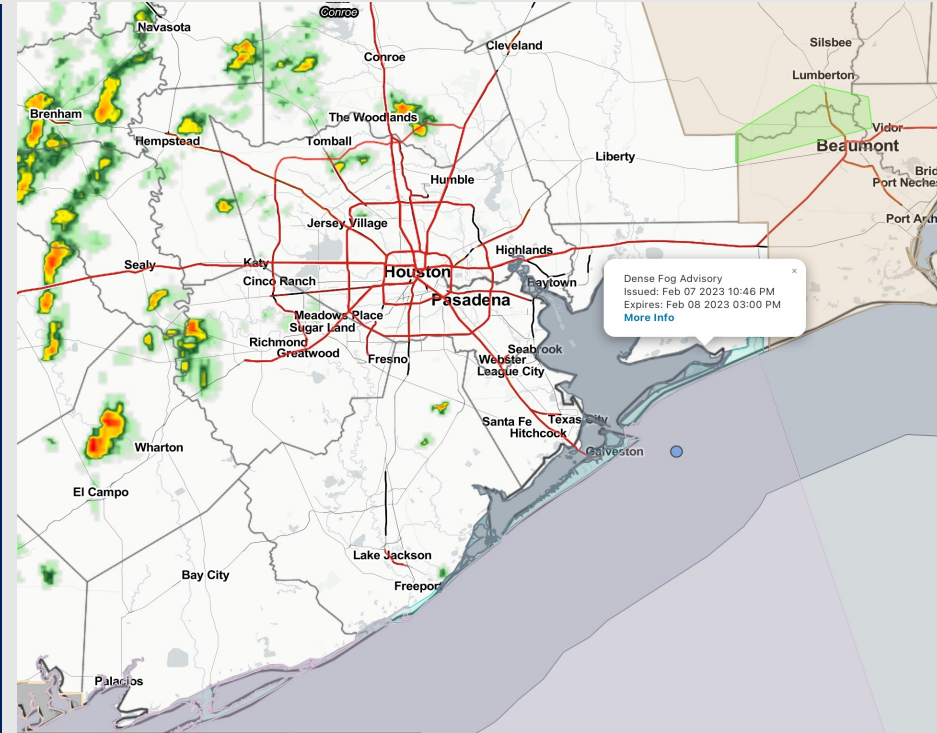
Updated: 5:00 AM CT

Wednesday, February 8, 2023

Forecaster: Alyssa McClung

Weather Headlines

- Check the visibility slides below for thoughts on fog activity for today. Favoring fog to clear up after the frontal passage today around 6 PM.
- A few strong storms will be possible today during the early afternoon hours with the main risks of gusty winds. Check the Wednesday slide for more details.
- Elevated winds will be at play Today and Friday with sustained winds in the 10 - 15 -kt range and persistent wind gust threats at 20 - 30 kts. Thursday will hold near calm winds before another front passes late THU/ early FRI.



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.

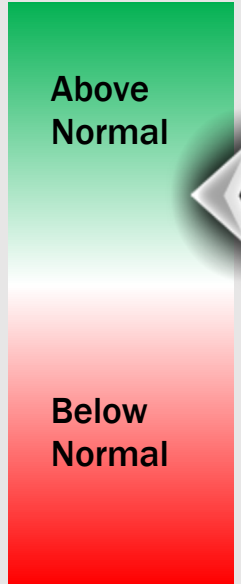
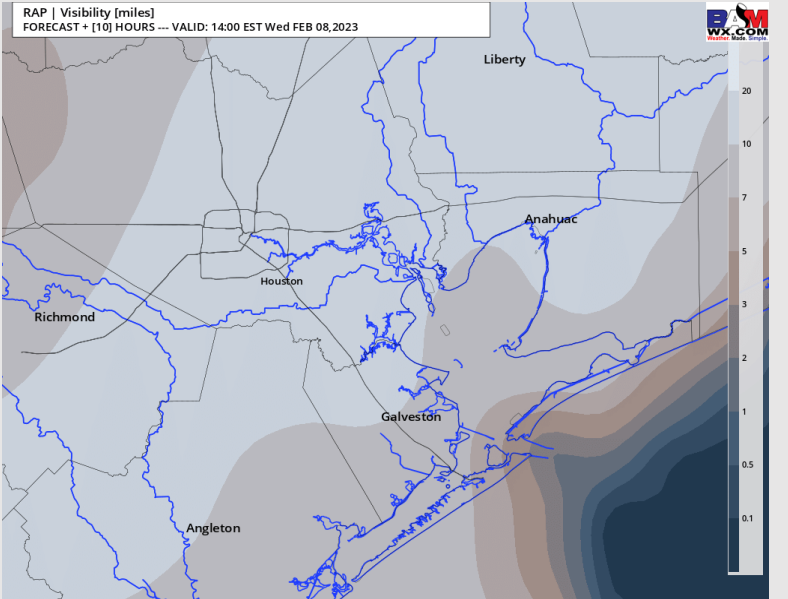
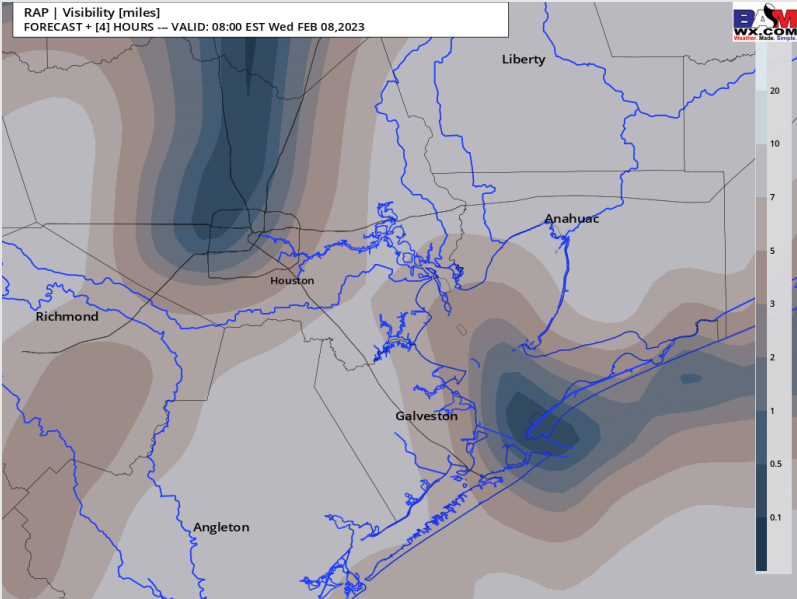
Houston Pilots Visibility Report



7 AM CT WED VISIBILITY

1 PM CT WED VISIBILITY

Confidence



TIMEFRAME DISCUSSED	THREAT
Current - 6 PM WED	Medium

- Favoring visibilities to remain in the 3 – 5 mile range across all stations out through 10 AM with slight improvements towards the late morning hours.
- A few pockets of dense fog will be possible throughout the late morning hours and early afternoon, but it is not likely that any one station will be caught under prolonged periods of dense fog (<2-mile vis). Thunderstorms moving through the area will also aid in periods of reduced visibility of 2 – 4-miles.
- Patches and breaks in coverage are likely from time to time, especially late AM before the front sweeps through around ~5-6 PM ending visibility concerns caused by both fog and thunderstorms. Anticipating clear conditions for the rest of the evening thereafter.

Houston Pilots Extended Range Visibility Report



Saturday 2/11/23

Northwesterly winds will continue for Saturday, shifting from the north towards the late PM hours.



Sunday 2/12/23

Southeasterly winds in the 10-15kt range will be possible. As such, sea fog cannot be ruled out towards the late evening hours Sunday.



Monday 2/13/23

Winds look to be from the SE on Monday out ahead of another cold front. Plentiful low-level moisture ahead of the front will be possible, making sea fog a risk Monday.



Chance for Reduced Visibility

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

Houston Pilots Visibility Report



Time	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	Thu 3pm
610 Bridge	6	6	6	5	3	6	8	10	10	10	10	9	10	10	10	10	10	10	10	10	10	6	4	0.48	0.24	0.24	0.24	0.24	1	7	10	10	10	10	10	10
Kinder 1	6	6	6	5	3	6	8	10	10	10	10	9	10	10	10	10	10	10	10	10	7	4	2	2	2	2	2	2	7	10	10	10	10	10	10	
Greens Bayou	6	5	5	4	4	5	8	10	10	10	10	9	10	10	10	10	10	10	10	10	7	5	5	5	5	5	5	5	8	10	10	10	10	10	10	
Shell Crude	5	5	5	4	3	5	8	10	10	10	10	9	10	10	10	10	10	10	10	10	8	8	8	8	8	8	8	9	9	10	10	10	10	10	10	
Lynchburg Ferries	5	5	4	4	3	5	8	10	10	10	10	9	10	10	10	10	10	10	10	10	8	8	8	8	8	8	8	9	9	10	10	10	10	10	10	
Exxon 3	5	5	4	4	3	5	7	10	10	10	10	9	9	10	10	10	10	10	10	10	10	10	8	8	8	8	8	8	9	9	10	10	10	10	10	10
Morgans Point	5	4	4	4	3	5	7	10	10	10	10	9	9	10	10	10	10	10	9	10	10	10	8	8	8	8	8	8	9	9	10	10	10	10	10	10
75/76	3	3	3	3	3	4	7	10	10	10	10	9	9	10	10	10	10	10	8	8	10	10	10	10	8	8	8	8	9	9	10	10	10	10	10	10
63/64	3	3	3	3	3	4	7	10	10	10	10	9	9	10	10	10	10	8	8	10	10	10	10	10	8	8	8	8	9	9	10	10	10	10	10	10
51/52	3	3	3	3	3	4	7	10	10	10	10	8	9	10	10	10	10	8	8	10	10	10	10	10	10	10	8	8	9	10	10	10	10	10	10	10
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1 & 2 Bravo	4	2	3	0.56	0.24	4	3	8	10	9	8	7	9	10	10	10	9	8	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10

Refer to the slides above for the official BAM forecast. The chart is likely not 100% accurate with fog.

Houston Pilots Wind Report



Example

Sustained wind 13 Knots

Gusts 18 Knots

Wind from the N

WS: 13
G:18
N

Time Knots	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	Thu 3pm			
610 Bridge	6	7	8	7	8	9	10	12	13	13	15	15	13	10	11	14	14	13	11	6	4	3	2	2	2	2	2	2	2	3	3	4	3	4	4	4			
Kinder 1	18	20	21	20	20	23	23	23	23	25	23	24	21	22	22	21	20	20	16	9	6	4	3	2	2	2	2	2	3	5	5	5	5	7	6				
Greens Bayou	7	7	8	7	8	9	10	11	13	13	14	15	14	11	11	14	14	13	11	6	4	3	2	2	2	2	2	2	3	3	4	4	4	4	4				
Shell Crude	8	7	8	8	7	9	10	11	13	13	14	15	14	11	11	14	14	13	11	7	5	3	3	2	2	3	2	2	3	4	4	4	4	4	4				
Lynchburg Ferries	8	8	8	8	8	10	11	11	12	13	14	13	14	11	12	14	14	13	11	7	5	4	3	2	2	3	2	2	3	4	4	4	4	5	5				
Exxon 3	9	8	9	9	8	10	10	10	11	12	13	12	15	11	12	14	14	13	11	8	5	4	3	3	3	3	2	2	3	3	4	4	4	5	5				
Morgans Point	10	9	9	9	8	9	9	10	11	12	13	12	15	12	12	14	14	13	11	8	6	5	4	3	3	3	3	3	3	4	4	4	5	6	7	8			
75/76	12	9	10	10	8	9	10	11	11	13	14	13	17	13	13	16	15	13	12	10	7	6	5	4	4	4	4	3	4	4	4	4	5	6	7	8	9		
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37/38	11	9	9	10	8	9	10	10	11	11	13	13	15	15	13	16	14	14	13	11	9	7	6	4	3	4	3	3	3	3	3	3	4	4	5	6	7	8	
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1 & 2 Bravo	19	19	19	19	18	16	16	15	13	11	10	14	16	17	17	19	17	16	15	12	10	9	7	6	6	5	5	5	4	3	3	4	4	5	5	6	7	8	9

Forecast Discussion

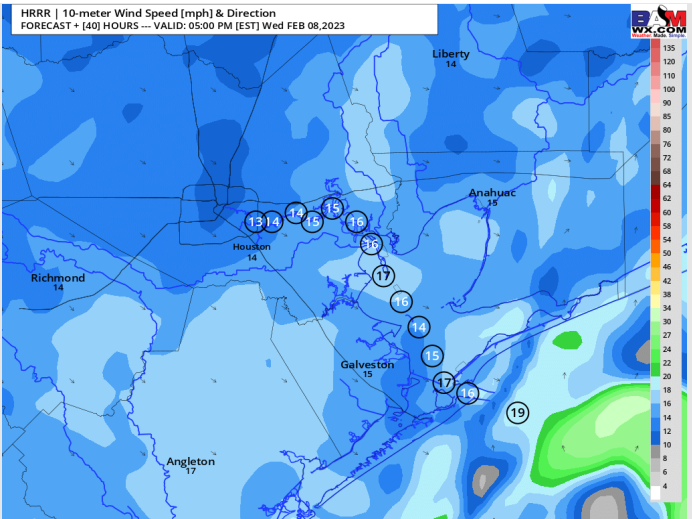
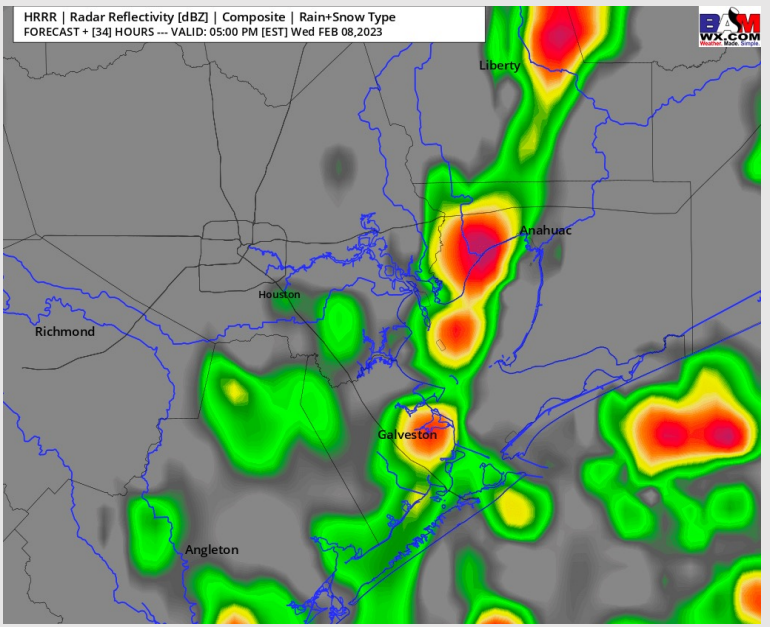
Precip: A few light *scattered* showers will be around for the AM hours (~30%) with better rain chances coming at 3 PM – 6 PM (70%). In this period, a few strong to severe storms cannot be taken off the table. This does not look to be a widespread threat, but something that certainly needs watched for gust potential of 30+ knots under the heaviest of cells. After 6 PM favoring dry conditions for the rest of the evening.

Wind: Sustained winds will start out from the SE during the AM hours, then begin to veer more from the south around 1PM out ahead of the next cold front. After the front passes through around ~5PM, winds will flip from the NW. Winds across all stations will be around 10 – 15 kts. After the front pushes through, winds will begin to slowly calm from 6 PM to 12 AM to 4 – 7 kts north of Morgan’s Point and 8 – 13 kts south of Morgan’s point by 10 PM. **Wind gusts of 20-30 kts ahead of the front at 11 AM – 4 PM possible for all stations. These gusts would be found inside any stronger cells.**

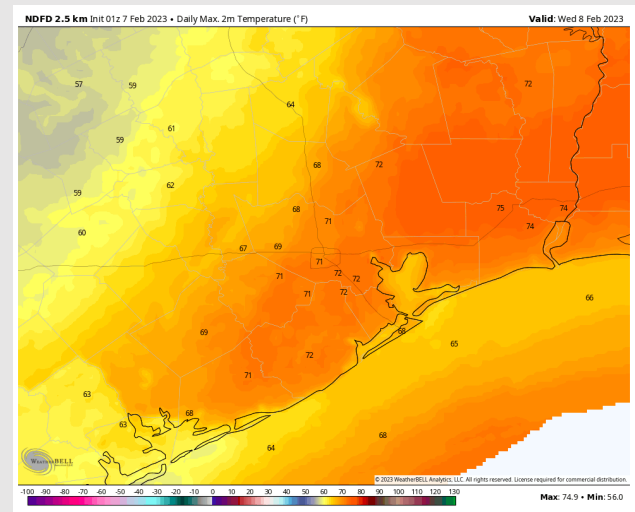
Temps: High temperatures Wednesday will be in the lower 70s F north of Morgan’s Point and in the mid to upper 60s F south of Morgan’s Point .

Visibility: Patchy dense fog will be possible during the AM/ early PM. As the cold front pushes through, visibilities improve late Wed PM. Refer to the fog text slides above for more info.

Precip Forecast: 5 PM CT



Wind Speed
4 PM CT



High Temps
Wednesday

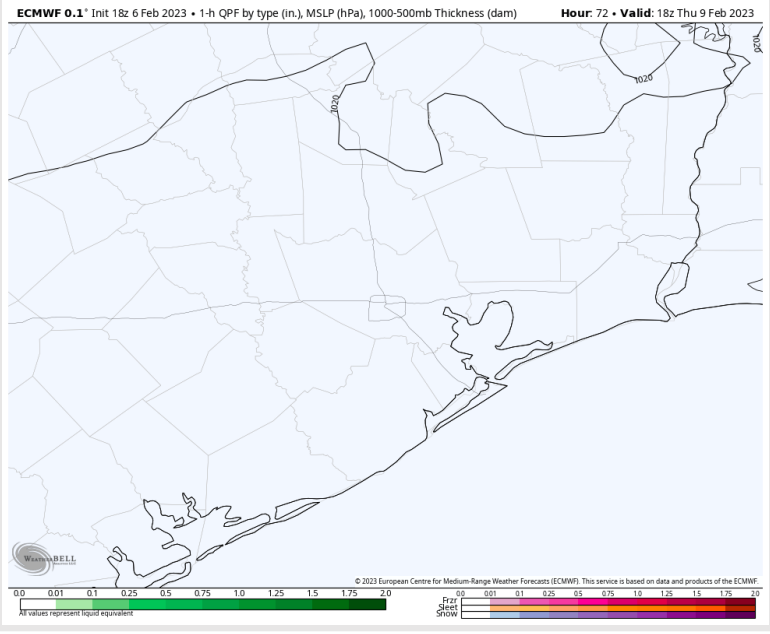
Houston Pilots: Thur. 2/9/2023



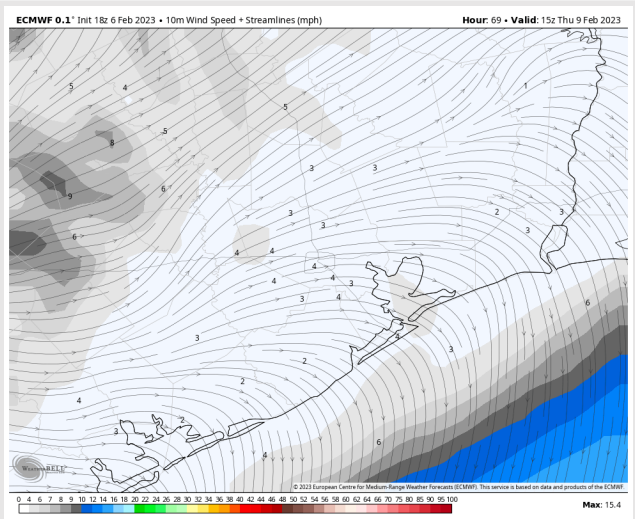
Forecast Discussion

- Precip:** Anticipating dry conditions for Thursday
- Wind:** Winds will be subsiding during the early AM hours behind the exiting cold front to 2– 7 kts across all stations by 6 AM. Winds will then remain at such values for the entire day. Winds will be variable in direction, with the main directions being out of the W / NW.
- Temps:** High temperatures will be in the upper 60s F north of Morgan’s Point and in the mid 60s south of Morgan’s Point. Temps near the Boarding Station will be near 60.
- Visibility:** Not anticipating any visibility concerns at this time.

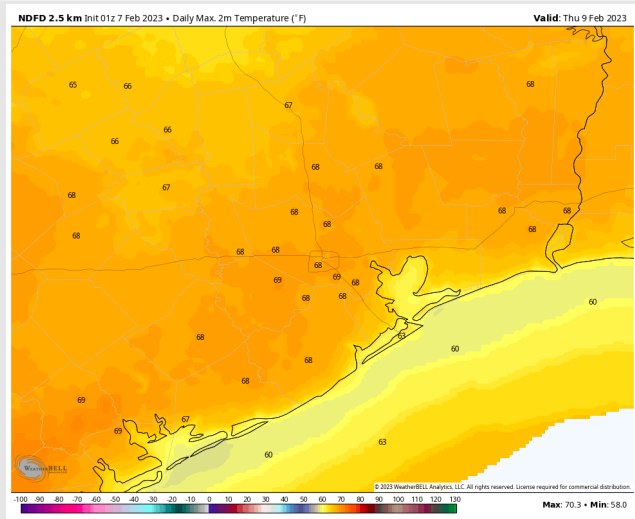
Precip Forecast: 12 PM CT



Wind Speed 10 AM CT



High Temps Thursday



Houston Pilots: Fri. 2/10/2023



Forecast Discussion

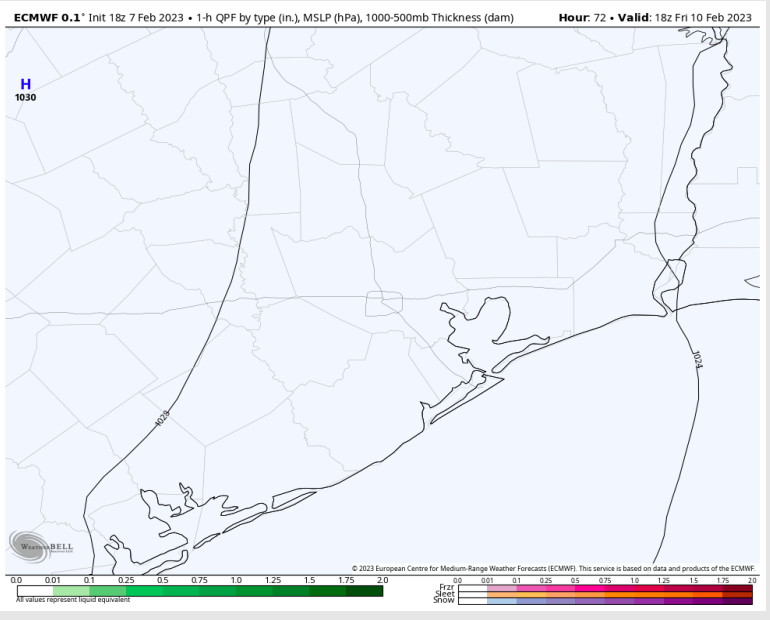
Precip: Anticipating a dry day for Friday.

Wind: Sustained winds will be from the NW on Friday. Winds will start out at less than 6 kts across all stations until 4 AM, where winds will then pickup to 10 – 16 kts north of Morgan’s Point and 16 – 22 kts south of Morgan’s Point by 9 AM. By 2 PM winds will be 18 – 24 kts across all stations. From 7 – 12 PM winds will calm north of Morgan’s point to 4 – 7 kts but remain elevated south of Morgan’s point at 12 – 20 kts. **Wind gusts could be as high as 30 kts across all stations from 8 AM – 4 PM. After 4 PM, 30 kt gusts will be possible mainly at 11/12 and the Boarding Station.**

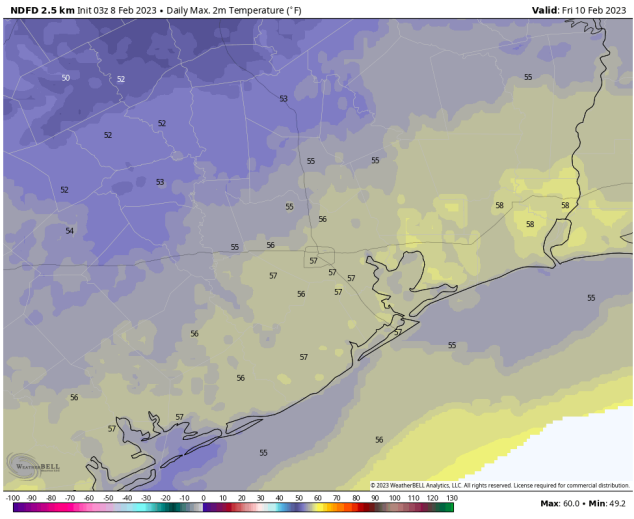
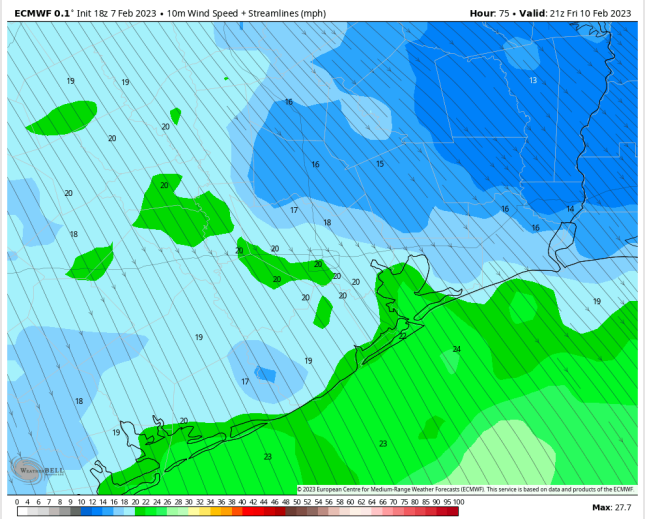
Temps: High temperatures Friday will be in the mid 50s F across all stations.

Visibility: Not anticipating any visibility concerns at this time.

Precip Forecast: 12 PM CT

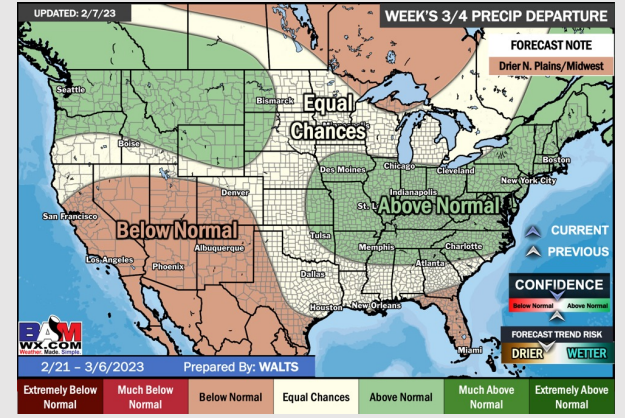
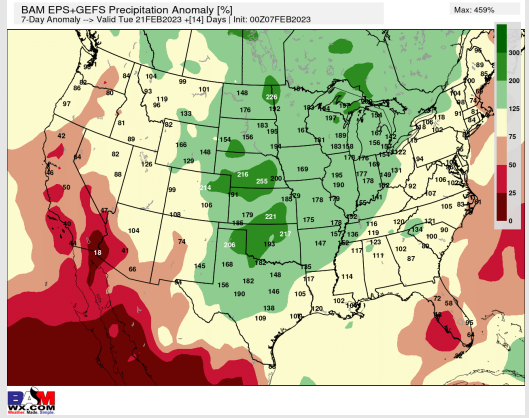
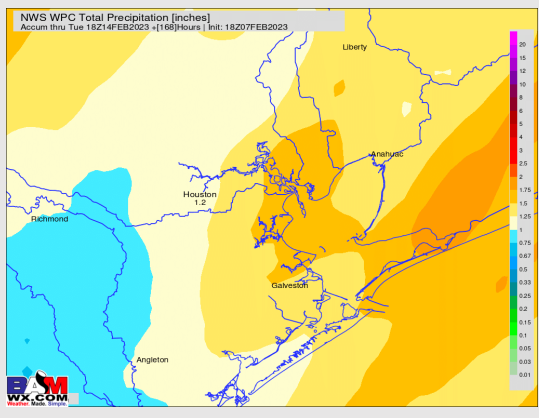
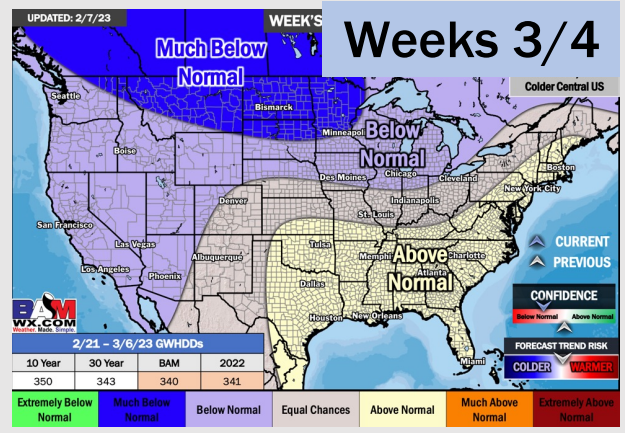
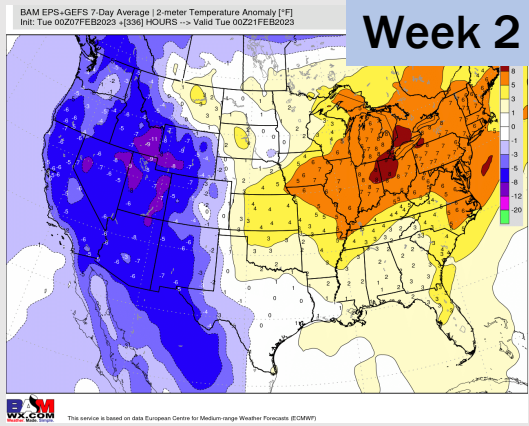
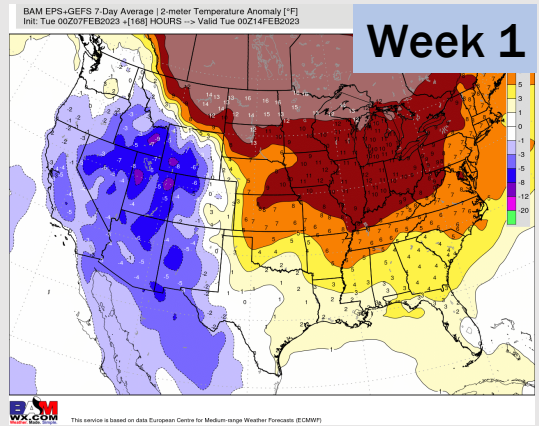


Wind Speed
3 PM CT



High Temps
Friday

Houston Pilots: 2/8/23



- Wednesday will be the best shots at precip over the next several days (next best chance coming early next week). Temps will stay slightly above average.
- Expecting near normal precipitation chances and normal temperatures for the week 2 timeframe.
- Equal chances for precipitation and above normal temperatures favored in the week 3/4 timeframe.