

# Houston Pilots Forecast Package



Updated: 5:00 AM CT

Tuesday, February 14, 2023

Forecaster: Vince Bryan

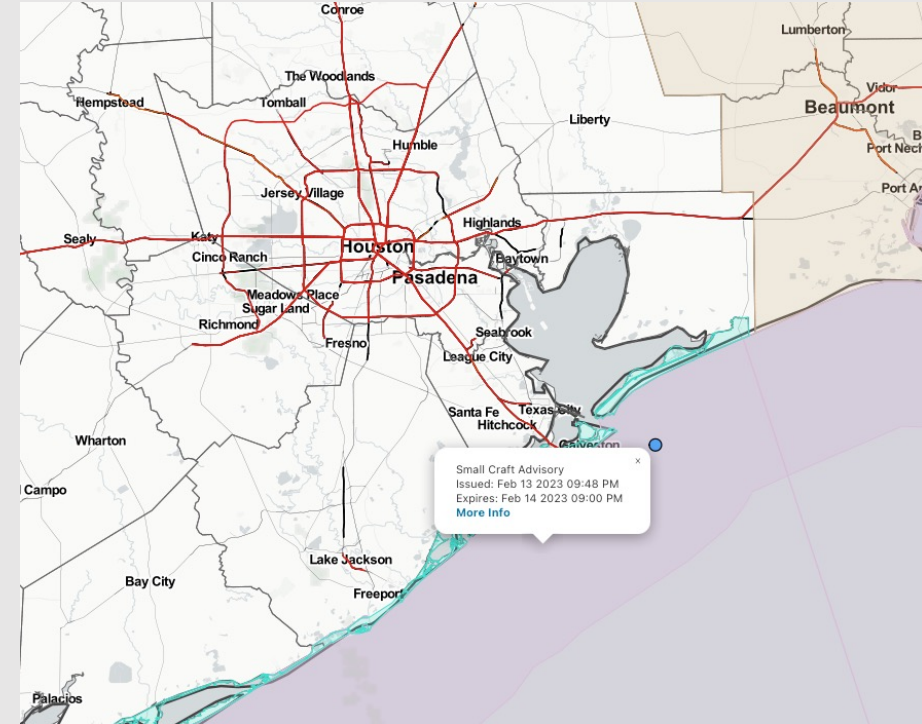
## Weather Headlines

➤ Rain chances start this AM before drying out into the afternoon. Rain chances will stick around Wednesday and early Thu AM before drying out for the weekend.

➤ Eyeing early Wednesday AM through Thursday AM for sea fog risks to return to the picture. Check the fog slides below for more details.

➤ Onshore winds will lead to wave heights of 6+ feet will be possible at the boarding station through sundown today.

➤ Check slides below for more details on daily breakdowns of winds as they will stay elevated. Winds behind the cold front Thursday will also lead to gusty winds (gusts 30+ knots in the PM)



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.

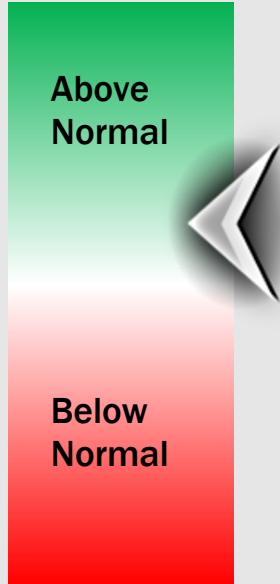
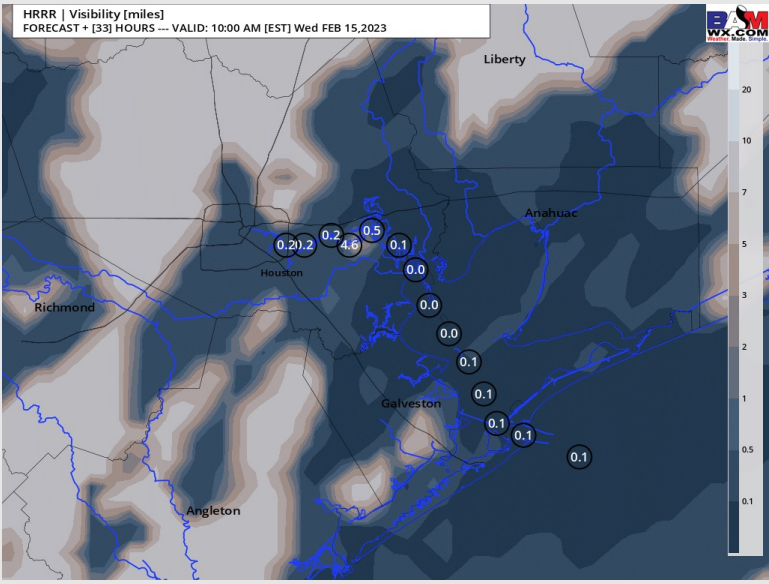
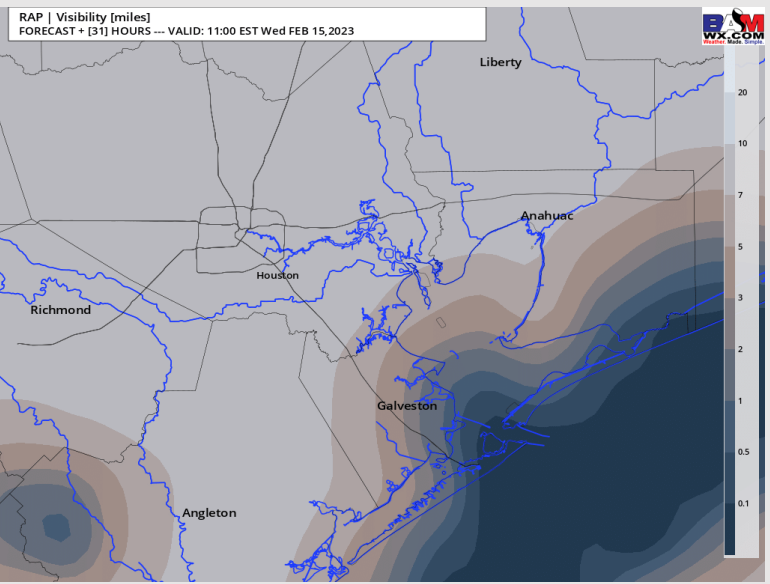
# Houston Pilots Visibility Report



## 7 AM CT WED VISIBILITY

## 9 AM CT WED VISIBILITY

## Confidence



TIMEFRAME DISCUSSED	THREAT
4 AM WED - 6 PM WED	Medium

- Some slightly lower confidence on exact start time of fog development as this will depend on when winds fully shift from SW to SE, but currently favoring that to happen ~4-6 AM WED window.
- Coverage will increase from the boarding station and progress further north through the morning. As of now, currently targeting the 7-10 AM window for the best threat of the most widespread dense fog risk where all stations will be at play, and visibilities of less than 1-2 miles will be possible.
- Beyond 10 AM and into the evening hours, there can still be \*a few\* pockets of patchy fog/reduced visibility of a few miles, however we believe this can be much more isolated in nature and most stations can avoid fog during most of the afternoon hours Wed.

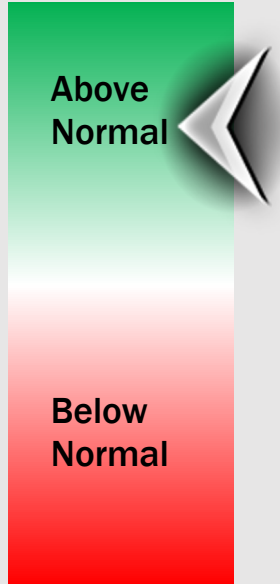
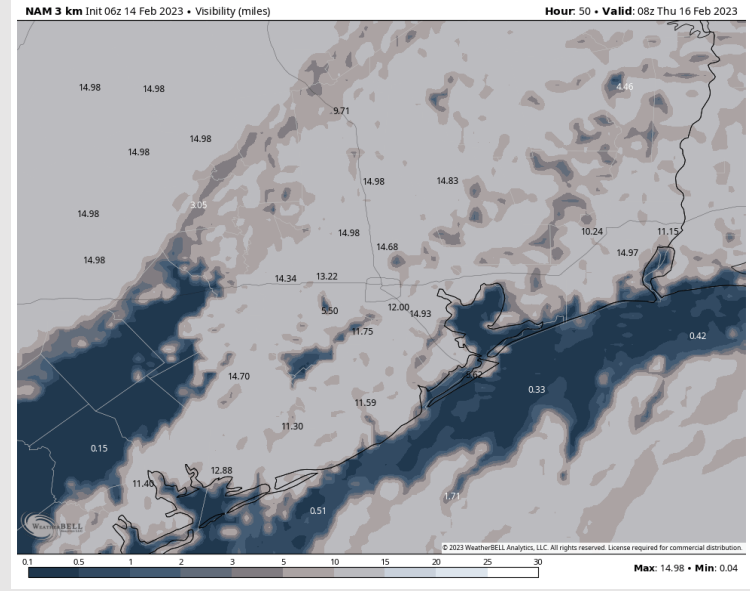
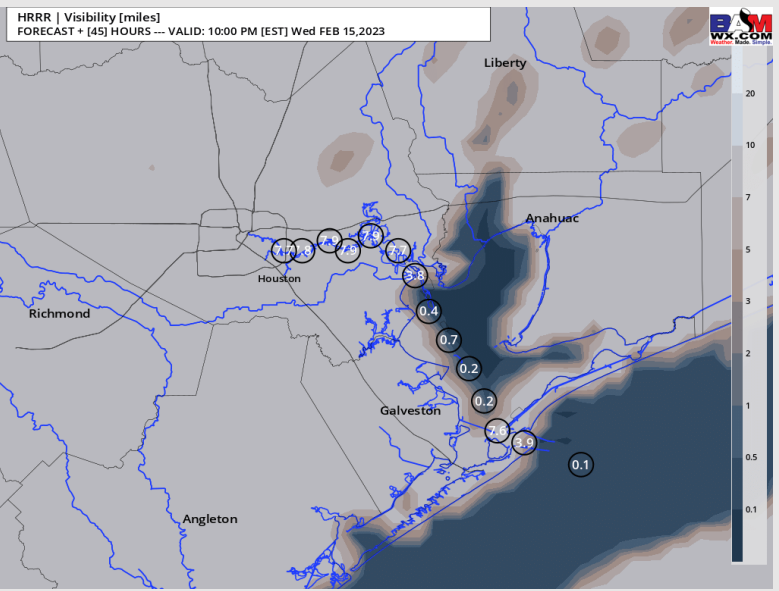
# Houston Pilots Visibility Report



## 9 PM WED VISIBILITY

## 4 AM THU VISIBILITY

## Confidence



TIMEFRAME DISCUSSED	THREAT
7 PM WED - 7 AM THU	Medium - High

- Still some uncertainty on exact “start” times of fog Wednesday evening, but we do believe anytime after sundown fog will be at play at the boarding station. Fog will then likely continue to progress northward over the course of the evening.
- Confidence is higher than average that there will be fog overnight Wednesday into the pre-dawn hours Thursday. Dense fog of <1 mile visibility will be at play with this fog.
- A cold front will work through the region in the 5-8 AM hours Thursday and as it does so it will take precip with it and effectively wipe out any fog risks as winds turn from the NW.

# Houston Pilots Extended Range Visibility Report



## Friday 2/16/23

Elevated northerly winds expected all day Friday, making sea fog unlikely.



## Saturday 2/17/23

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



## Sunday 2/18/23

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



## Chance for Reduced Visibility

Friday AM	Unlikely
Friday PM	Unlikely
Saturday AM	Unlikely
Saturday PM	Unlikely
Sunday AM	Possible
Sunday PM	Possible

# Houston Pilots Visibility Report



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

Time	Tue 2am	Tue 3am	Tue 4am	Tue 5am	Tue 6am	Tue 7am	Tue 8am	Tue 9am	Tue 10am	Tue 11am	Tue 12pm	Tue 1pm	Tue 2pm	Tue 3pm	Tue 4pm	Tue 5pm	Tue 6pm	Tue 7pm	Tue 8pm	Tue 9pm	Tue 10pm	Tue 11pm	Wed 12am	Wed 1am	Wed 2am	Wed 3am	Wed 4am	Wed 5am	Wed 6am	Wed 7am	Wed 8am	Wed 9am	Wed 10am	Wed 11am	Wed 12pm	Wed 1pm
610 Bridge	10	10	10	10	10	10	10	8	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	6	4	4	6	9	10	10
Kinder 1	10	10	10	10	10	10	10	8	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	6	5	5	6	9	10	10
Greens Bayou	10	10	10	10	10	10	10	8	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	7	6	6	7	9	10	10
Shell Crude	10	10	10	10	10	10	10	8	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	8	7	6	6	9	10	10
Lynchburg Ferries	10	10	10	10	10	10	9	8	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	8	7	6	6	9	10	10
Exxon 3	10	10	10	10	10	10	8	7	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	8	7	6	6	9	10	10
Morgans Point	10	10	10	10	10	10	10	7	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	8	7	7	6	7	9	10
75/76	10	10	10	10	10	10	10	7	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	8	7	7	6	7	9	9
63/64	10	10	10	10	10	10	10	6	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	8	7	6	5	6	7	8
51/52	10	10	10	10	10	10	10	6	8	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	9	8	7	5	5	6	6	7
37/38	10	10	10	10	10	10	10	6	7	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	9	9	7	8	7	4	4	5	6	7
25/26	10	10	10	10	10	10	10	7	7	9	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	8	9	9	7	8	6	2	3	4	6	7
11/12	10	10	10	10	10	10	10	8	7	9	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	8	9	9	7	8	7	2	3	4	5	7
1 & 2 Bravo	10	10	10	10	10	10	10	8	6	6	8	9	10	10	10	10	10	10	10	10	10	10	10	10	8	8	9	7	7	8	7	1	3	3	5	7





# Houston Pilots: Tues. 2/14/2023



## Forecast Discussion

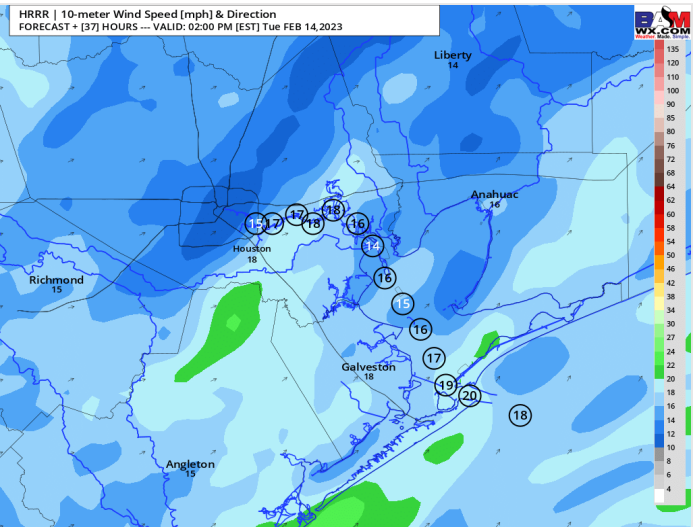
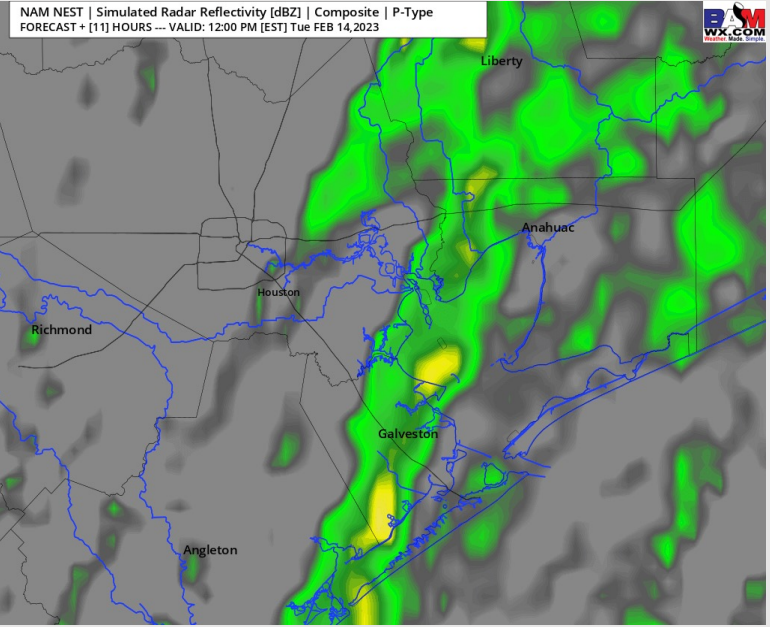
**Precip:** Some isolated showers will be around the area early this AM (~20%) with better chances of showers/thunderstorms from 9 AM – 12 PM (40%). After 1 PM, favoring dry conditions for the rest of the day.

**Wind:** Sustained winds gradually shift from SE to SW and stay that way after 10 AM. Elevated winds of 11 – 16 kts for stations north of Morgan’s Point and 15-20 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 8 – 14 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 all stations until 3 PM, before gusts fall to 15-20 knots at the boarding station.**

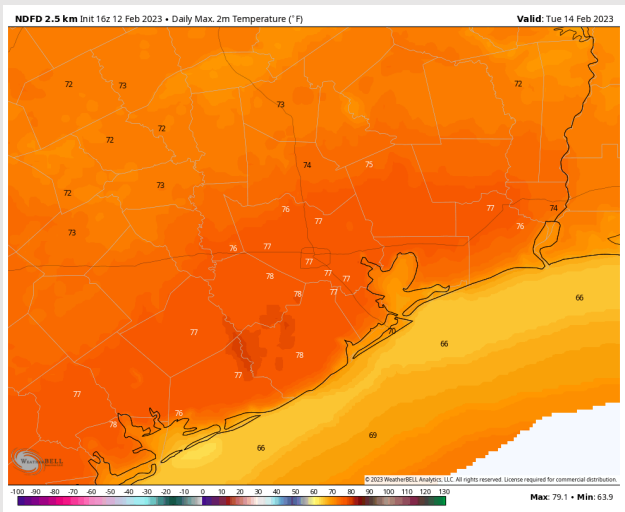
**Temps:** High temperatures will be in the mid to upper 60s F near the Boarding Station and upper to mid 70s F across all other stations.

**Visibility:** Not anticipating any visibility concerns at this time through the day. **Check slides above for more on development into Wednesday AM.**

## Precip Forecast: 11 AM CT



**Wind Speed  
1 PM CT**



**High Temps  
Today**

# Houston Pilots: Wed. 2/15/2023



## Forecast Discussion

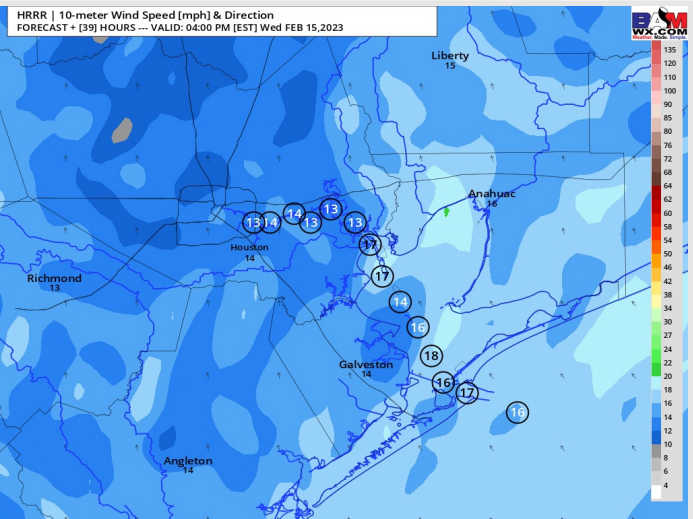
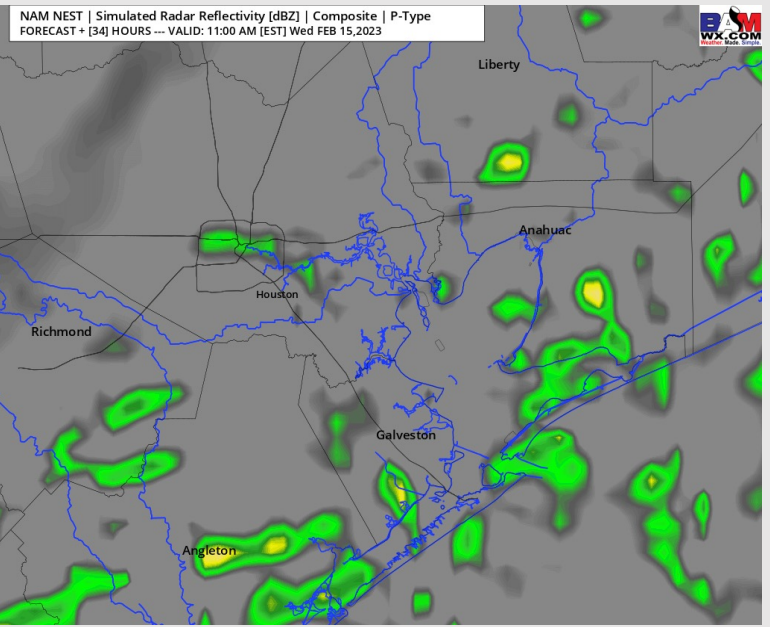
**Precip:** Isolated showers possible in the area between 10 AM – 9 PM. Coverage will be on the order of ~30% and intensity rather light. This is certainly not a washout of a day.

**Wind:** Winds shift from the SW to SSE by 6 AM and remain that way for the rest of the day. Winds will be at 5-10 kts across all stations until 9 AM. After 9 AM winds will pick back up to 10-15 kts 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.**

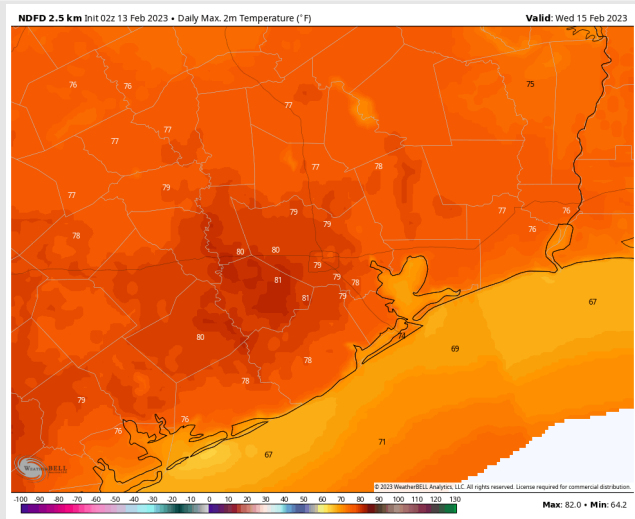
**Temps:** High temperatures Wednesday in the near 70s F across all stations.

**Visibility:** Please check detailed fog slides above for fog risks Wednesday. There is likely a break into the PM hours before another risk heading Wednesday night – early Thursday AM.

## Precip Forecast: 10 AM CT



Wind Speed  
3 PM CT



High Temps  
Wednesday



# Houston Pilots: Thu. 2/16/2023



## Forecast Discussion

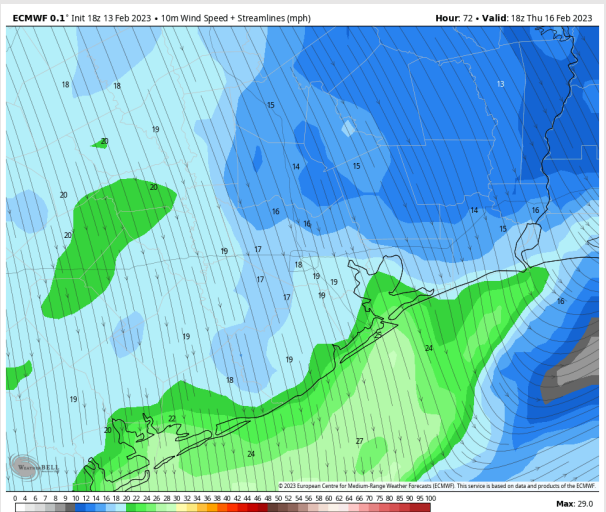
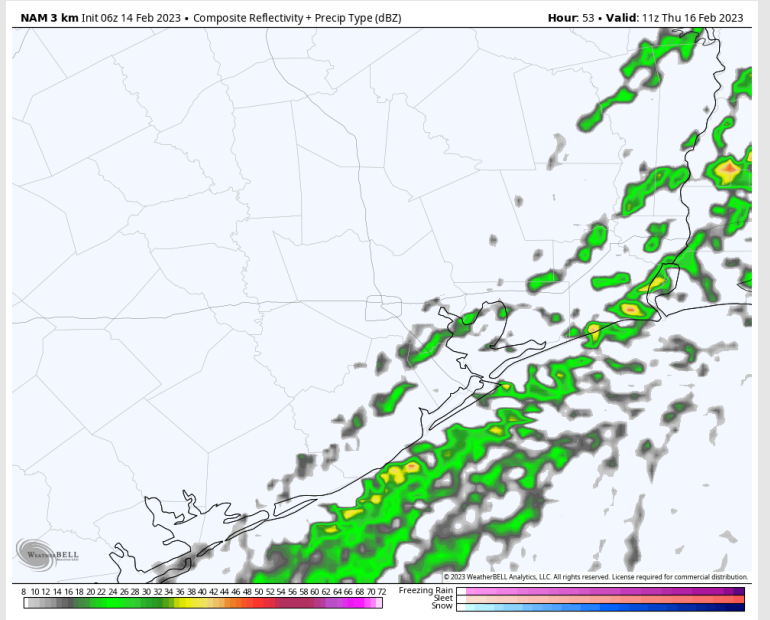
**Precip:** A line of showers and a few thunderstorms will be possible Thursday AM from 5 – 8 AM with the cold front. Dry conditions filter in behind the front.

**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.**

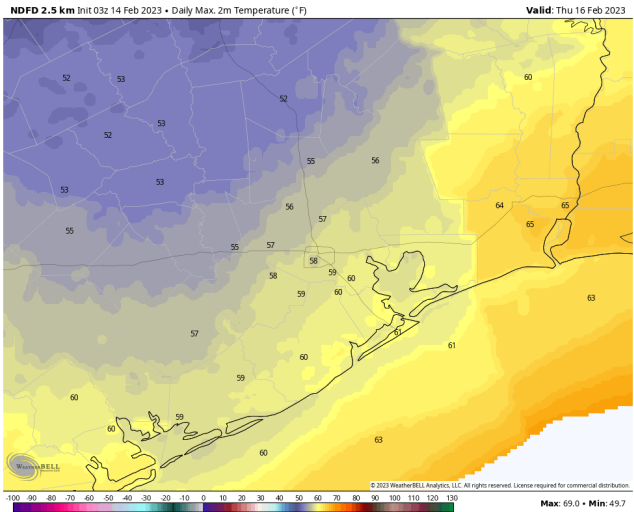
**Temps:** High temperatures Thursday will be near 60 F across all stations. This happens early in the day.

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

## Precip Forecast: 6 AM CT

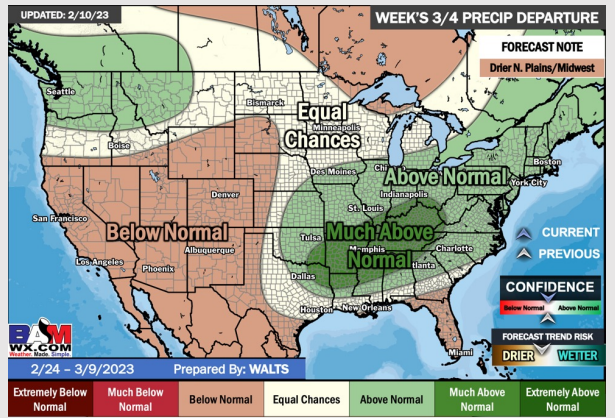
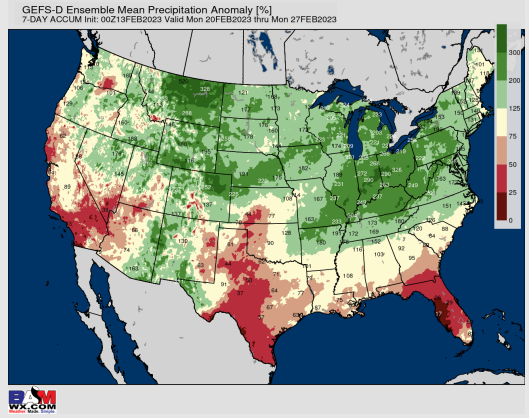
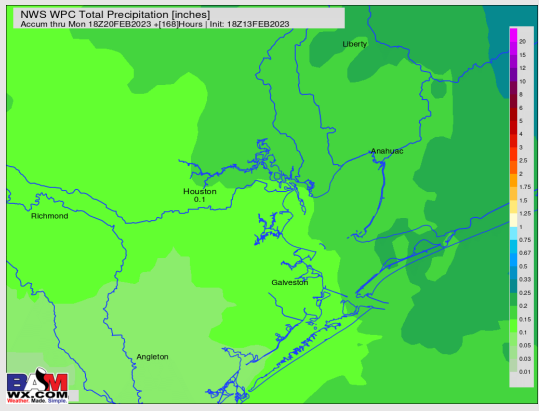
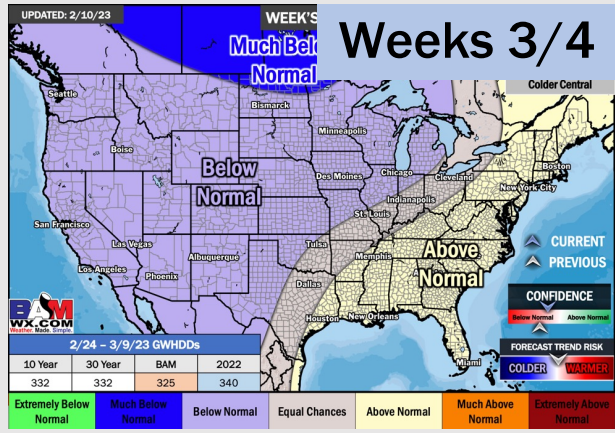
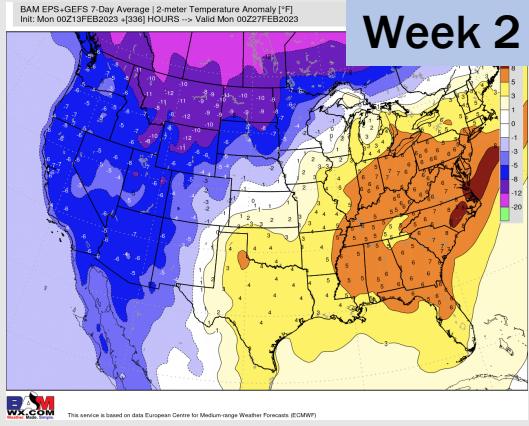
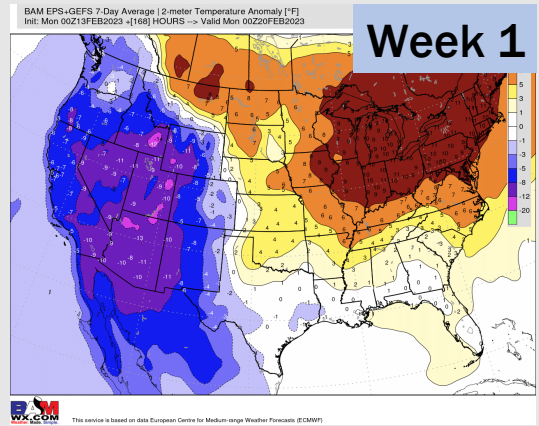


Wind Speed  
12 PM CT



High Temps  
Thursday

# Houston Pilots: 2/14/23



- Tuesday through Thursday expected to be active in precipitation, before another dry stretch beyond that. Temps expected to be near to below normal.
- Expecting near to 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.