

Houston Pilots Forecast Package



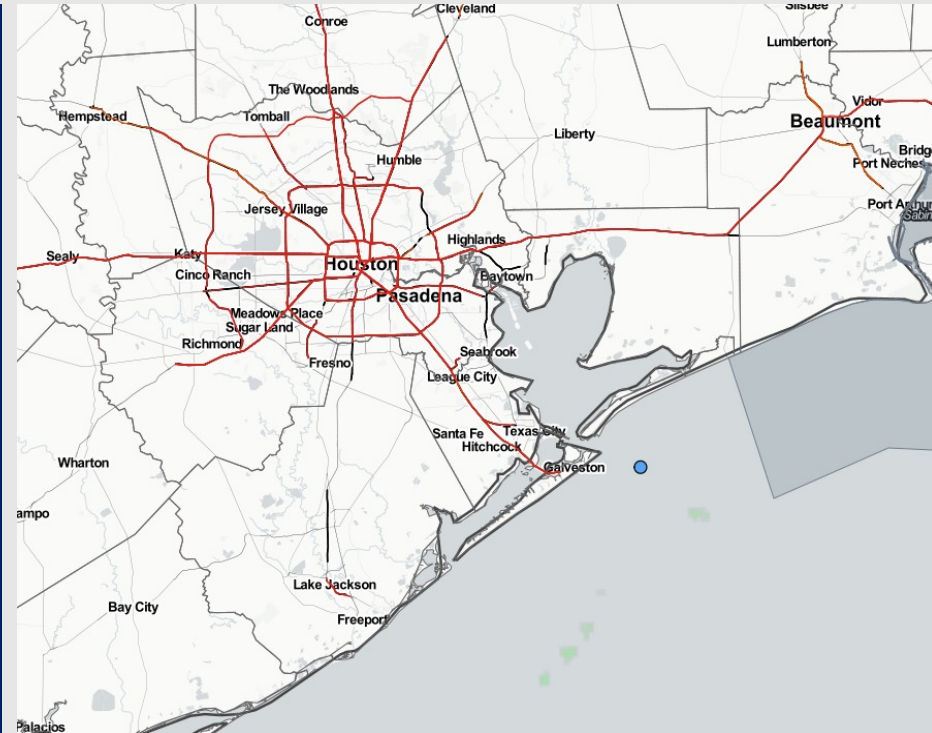
Updated: 1:00 PM CT

Tuesday, January 17, 2023

Forecaster: Vince Bryan

Weather Headlines

- Ongoing fog around the area will be a concern today with winds coming from the south. More on the slides below.
- Fog will be a risk until Wednesday PM when a front works through the area and turns winds out of the NW.
- Eyeing the next higher % rain chances to come on Wednesday out ahead of a cold front. Thursday will be a dry day.
- Looking at elevated winds on Wednesday with the risk of the Boarding Station seeing gusts 20+ knots ahead of the cold front. Today and Thursday will have calmer winds.
- After the cold front passes through Wednesday PM, sea fog should not be an issue through Sunday.



Radar/NWS Alerts: 1:00 PM CT



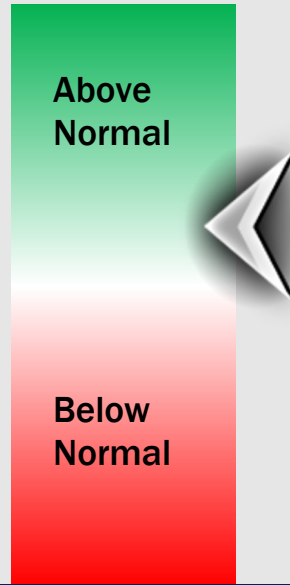
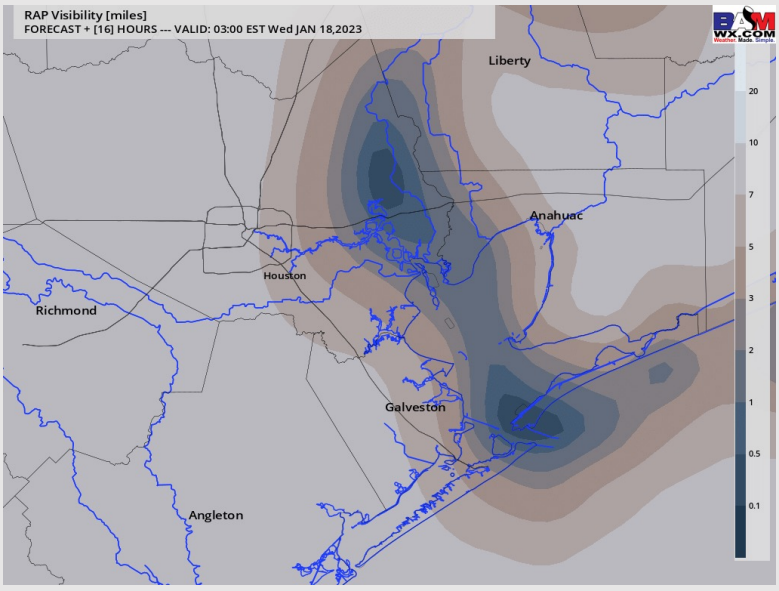
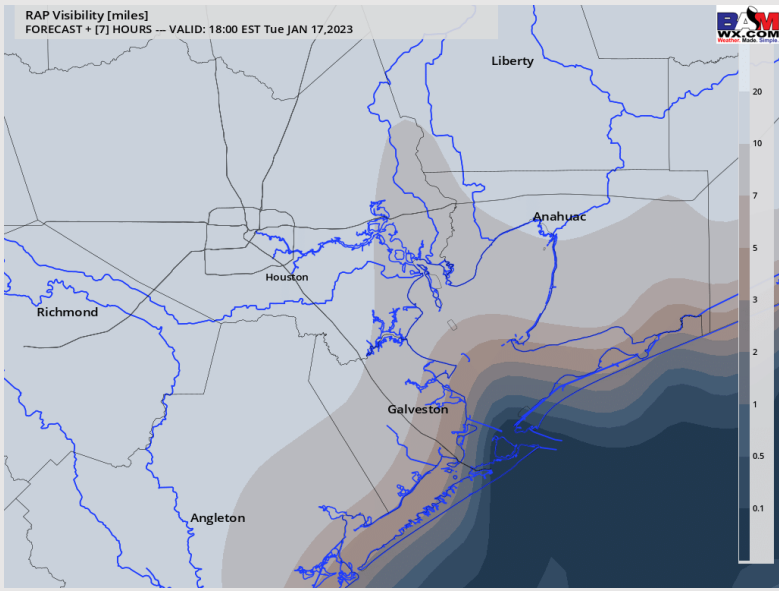
As always, please do not hesitate to reach out to us with any forecast questions via the chat option on the Weather Porthole or our on-call number, **(317)-560-8122** press 1 for forecast questions.

Houston Pilots Visibility Report



5 PM CT TUE VISIBILITY 12 AM CT WED VISIBILITY

Confidence



TIMEFRAME DISCUSSED	THREAT
CURRENT - 12 AM WED	Medium - High

- Pockets of reduced visibilities are being noted across the channel with the lowest visibilities (~0.25 miles in spots) coming between 51/52 and the boarding station.
- For the rest of the afternoon hours, we still believe that pockets of low visibilities (<2 miles) will be possible south of Morgan's Point. Low confidence on just how much of this low cloud/fog deck can break over the next 4-5 hours.
- Fog will then re-develop/ increase in coverage after 5-6 PM tonight and continue out through Midnight.
- Near Midnight is when an uptick in winds may help break up the coverage of dense fog. There will still likely be pockets of <3 mile visibility around the area, however. This can continue into the overnight hours.

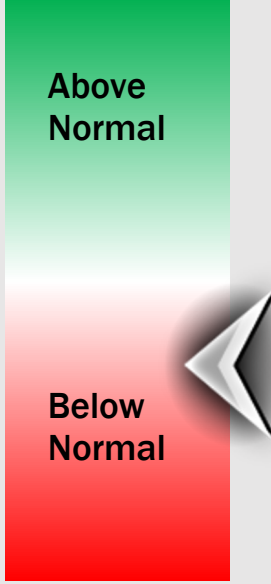
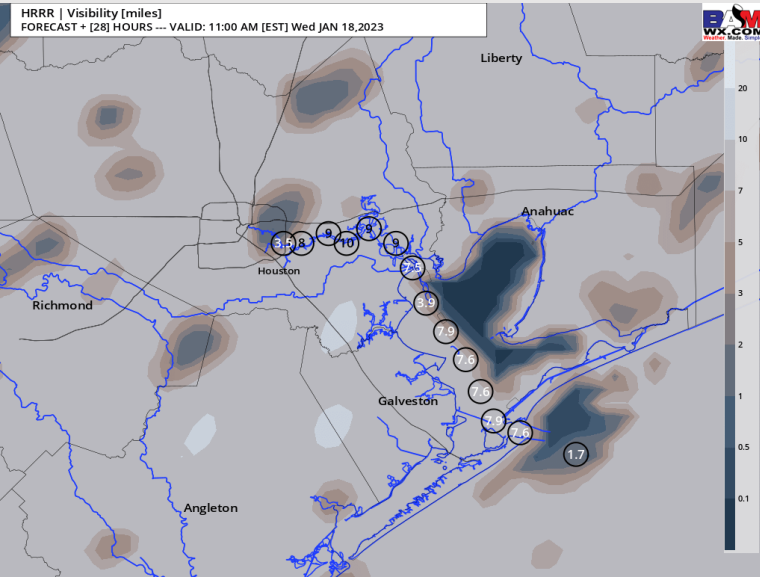
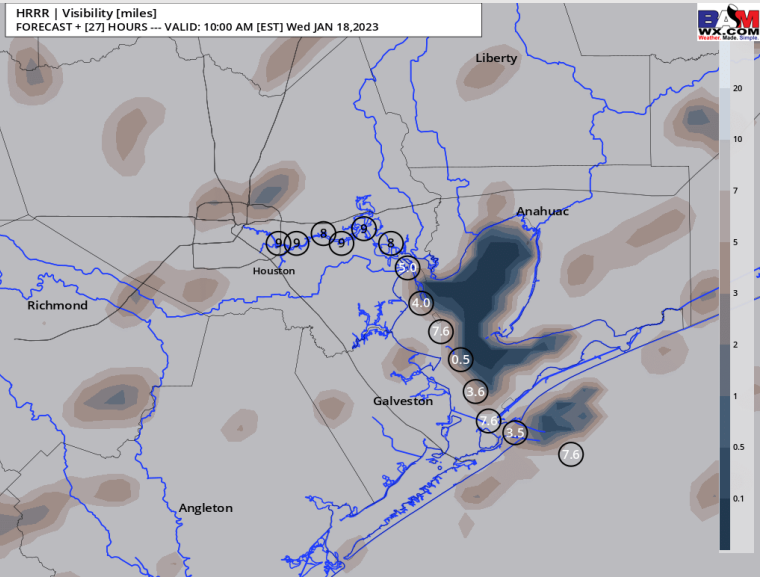
Houston Pilots Visibility Report



8 AM WED VISIBILITY

11 AM WED VISIBILITY

Confidence



TIMEFRAME DISCUSSED	THREAT
1 AM WED - 4 PM WED	Medium

- Into pre-dawn Wednesday, there is a bit better potential for breaks/gaps in the fog vs. this AM. Slightly stronger winds may help keep things a bit more on the patchy side vs widespread. Under any dense fog, visibilities of <1 mile are definitely possible.
- Between 1 AM – 5 AM fog could become more patchy in nature with pockets of visibility improving up to 6 miles (this improvement is likely not widespread).
- After 5 AM is when the opportunities for slightly more widespread fog will be possible out through early afternoon for all stations. With that said, the best risk definitely sit from Morgan’s Point to the Boarding Station. Lowest confidence part of the forecast is just how widespread coverage can be into Wed AM.
- The cold front looks to work through the area around 4 PM and wipe out fog chances moving into the evening hours.

Houston Pilots Extended Range Visibility Report



Friday 1/20/23

Fog is not expected for Friday. Winds will shift from the NE to ENE.



Saturday 1/21/23

Easterly winds will continue for Saturday, with the possibility of them shifting from the N by the afternoon. Visibility reduction could be possible due to moderate rain but not fog.



Sunday 1/22/23

Northerly to northwesterly winds favored for Sunday.



Chance for Reduced Visibility

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

Houston Pilots Visibility Report



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

Time	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	Wed 2pm	Wed 3pm	Wed 4pm	Wed 5pm	Wed 6pm	Wed 7pm	Wed 8pm	Wed 9pm	Wed 10pm		
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Greens Bayou	9	10	10	10	10	10	10	10	10	9	6	6	6	5	6	7	8	7	7	7	7	6	6	7	7	7	7	9	10	10	10	10	10	10	10	10	10	
Shell Crude	9	10	10	10	10	10	10	10	10	9	6	6	5	5	5	7	7	8	8	8	8	8	7	8	9	9	9	7	9	10	10	10	10	10	10	10	10	
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Morgans Point	8	10	10	10	10	10	10	10	9	7	4	5	4	4	5	6	7	8	8	8	8	8	8	8	9	9	9	9	7	10	10	10	10	10	10	10	10	
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Houston Pilots Wind Report



Example

Sustained wind 13 Knots
Gusts 18 Knots
Wind from the N

WS: 13
G:18
N

Time Knots	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	Wed 2pm	Wed 3pm	Wed 4pm	Wed 5pm	Wed 6pm	Wed 7pm	Wed 8pm	Wed 9pm	Wed 10pm
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Kinder 1	6	7	7	7	8	9	9	8	7	7	7	6	5	5	4	9	11	12	13	13	14	13	14	15	15	14	12	10	8	7	4	4	4	5	6	
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1 & 2 Bravo	3	3	5	7	8	9	9	10	10	9	10	9	9	10	8	11	12	13	14	14	13	13	13	14	15	14	14	14	12	10	8	6	6	6	6	7
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Houston Pilots: Tue. 1/17/2023



Forecast Discussion

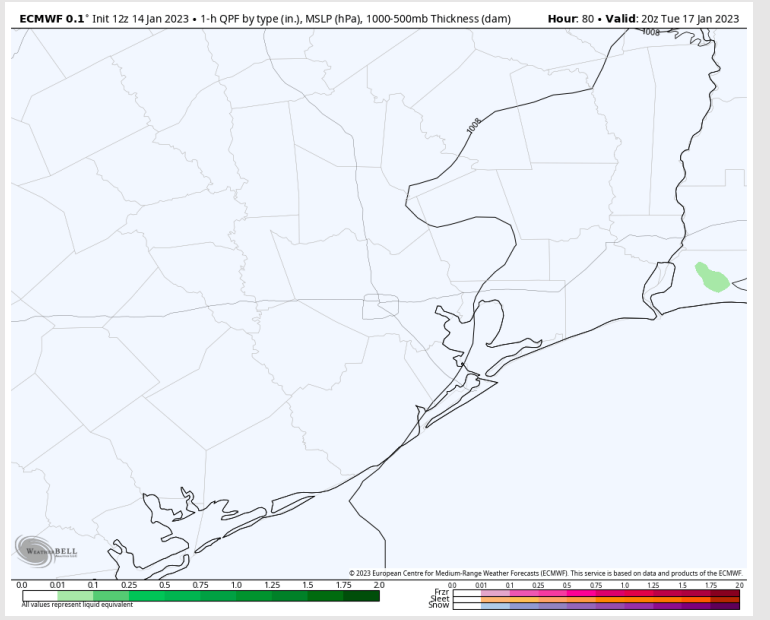
Precip: Favoring dry conditions today with a 10% chance for an isolated shower in the late afternoon/early evening hours.

Wind: Through the rest of the afternoon and evening hours, winds will be 5-10 kts across all stations. A few occasional gusts at the boarding station to 10-15 knots after 6 PM.

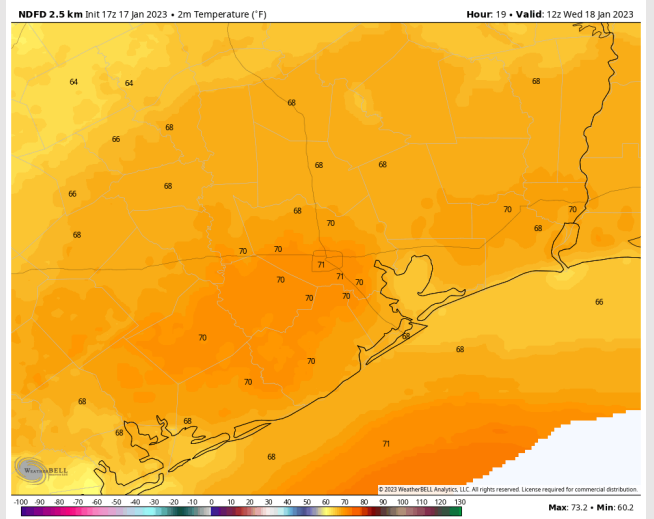
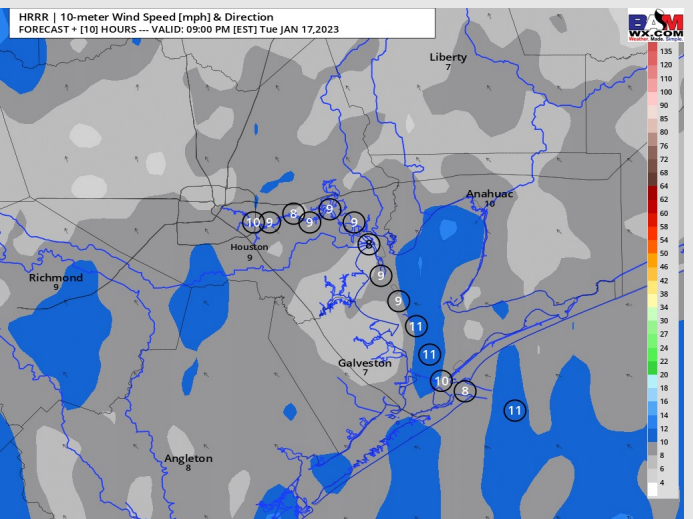
Temps: Lows sit near 70F for lows tonight.

Visibility: Check fog slides above for the latest thinking on fog today/tonight.

Precip Forecast: 2 PM CT



Wind Speed
8 PM CT



Low Temps Wed
AM

Houston Pilots: Wed. 1/18/2023



Forecast Discussion

Precip: A few hit and miss light showers (30-40%) will be possible through the morning hours. 11 AM – 4 PM looks to be the best window (60-70%) for showers and thunderstorms associated with the next cold front. While a few stronger thunderstorms are possible, the better severe weather risk sits a bit north of the area.

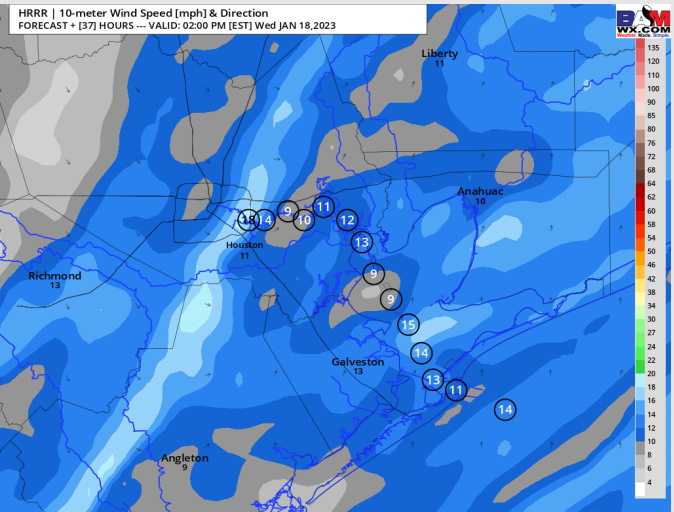
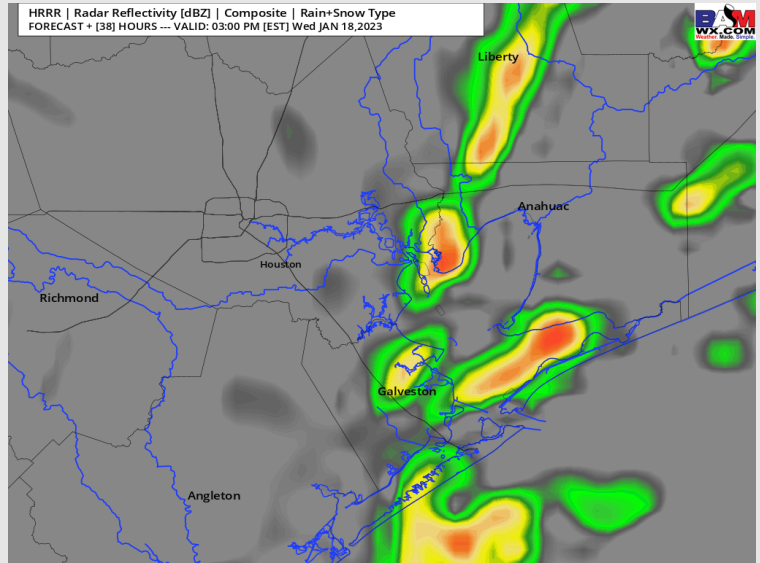
Wind: SSE winds in the AM will eventually shift to the NW between 4-6 PM thanks to a cold front. Winds north of Morgan's Point will start out at 5-10kts and south of Morgan's Point will be slightly elevated at 10-15 kts. By 1 PM winds will increase even more south of Morgan's Point to 13-18 kts just ahead of the cold front. Once the front passes through (after 6 PM) winds will calm to 3 – 7 kts across all stations.

Wind gusts could range between 18 – 23 kts across all stations between 11 AM and 3 PM.

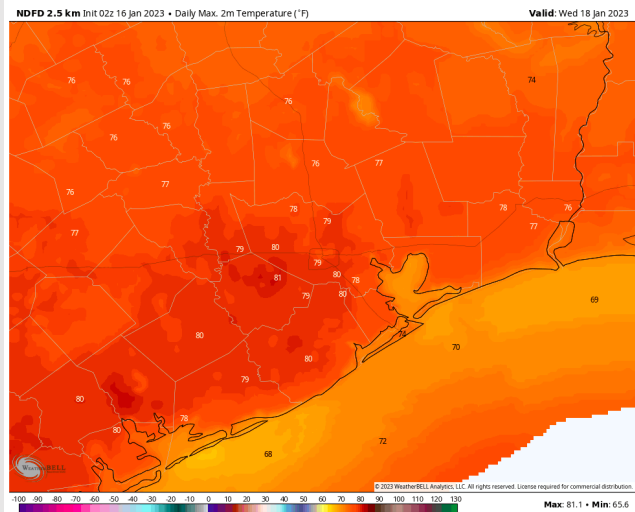
Temps: Temperatures north of Morgan's Point will be in the upper 70s F and south of Morgan's point will be in the mid to lower 70s F.

Visibility: Patchy, dense fog will once again be possible into Wednesday AM. The threat does not look to be as widespread as today, but certainly still a risk.

Precip Forecast: 2 PM CT



**Wind Speed
2 PM CT**



**High Temps
Wednesday**

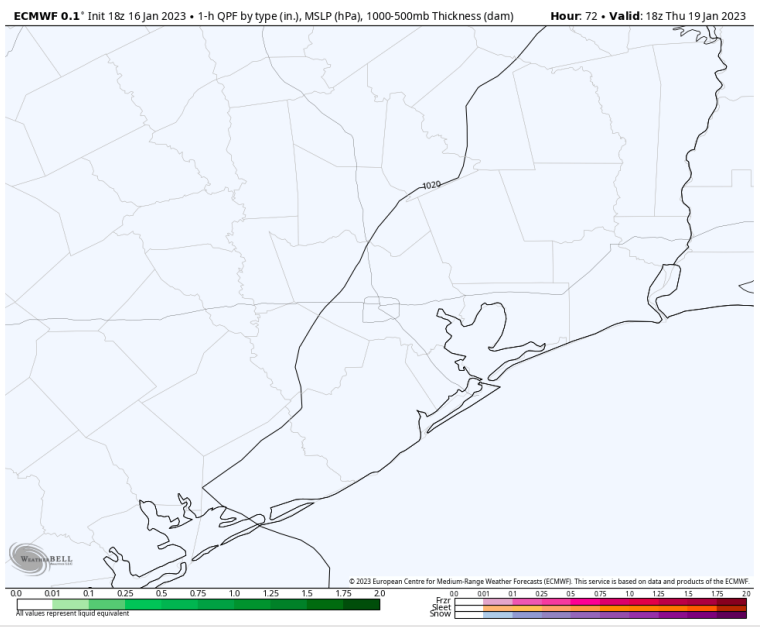
Houston Pilots: Thu. 1/19/2023



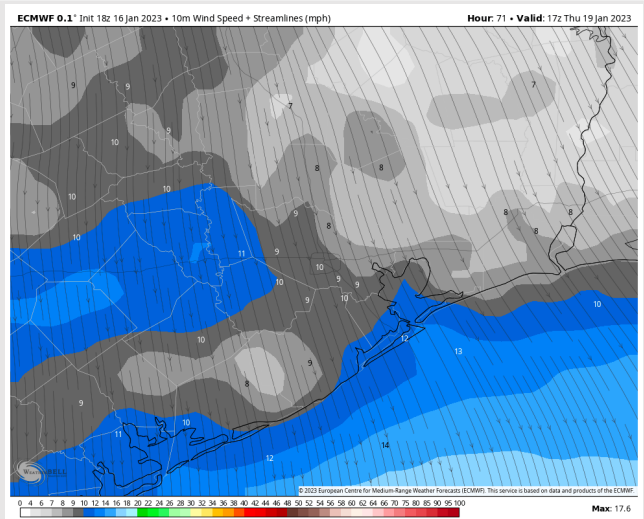
Forecast Discussion

- Precip:** Anticipating a dry day for Thursday.
- Wind:** Winds will be sustained from the NW for the morning hours. After 10 AM winds will begin to veer from the NNW and then finally the NNE by late afternoon. Winds will be 7 – 13 kts across all stations. After 2 PM winds will calm slightly to 4 – 9 kts.
- Temps:** Noticeably cooler. High temperatures will be in the upper 60s F north of Morgan’s Point and in the mid to lower 60s F south of Morgan’s Point.
- Visibility:** Not anticipating any visibility concerns at this time.

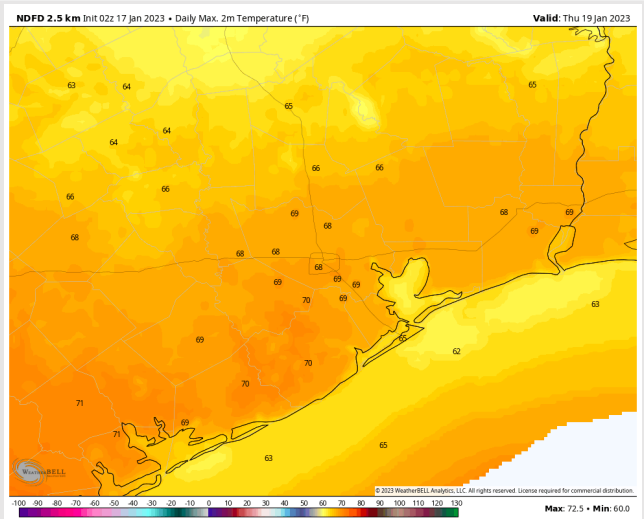
Precip Forecast: 12 PM CT



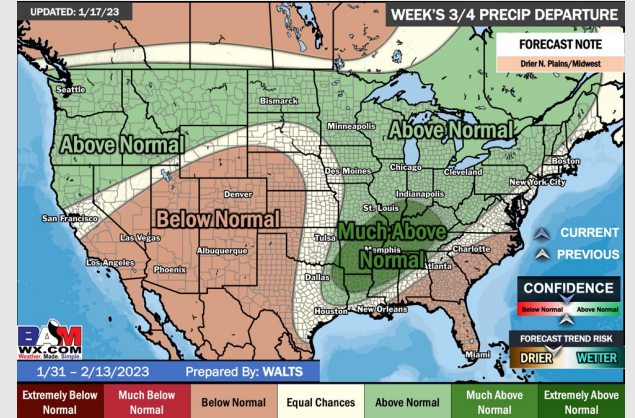
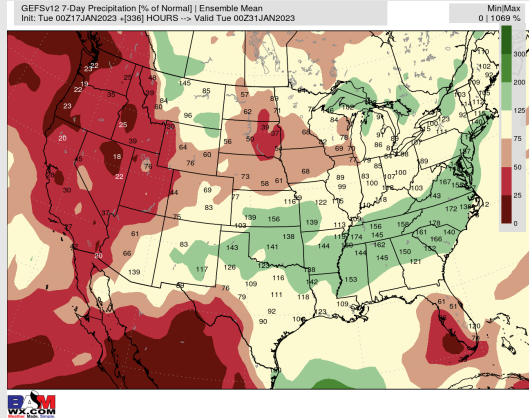
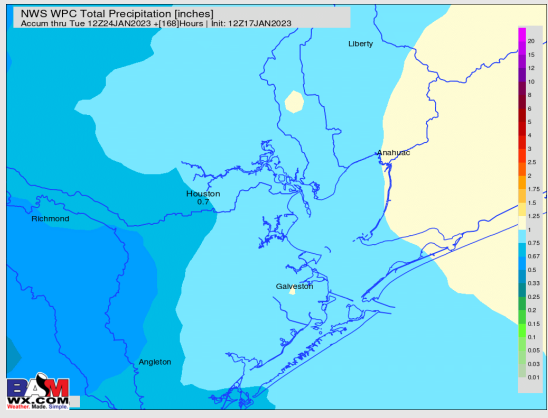
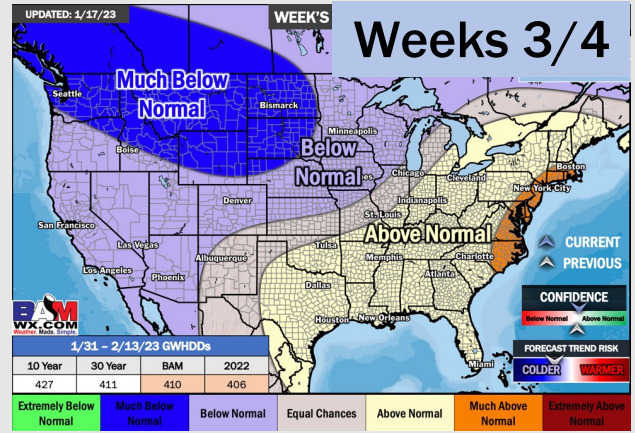
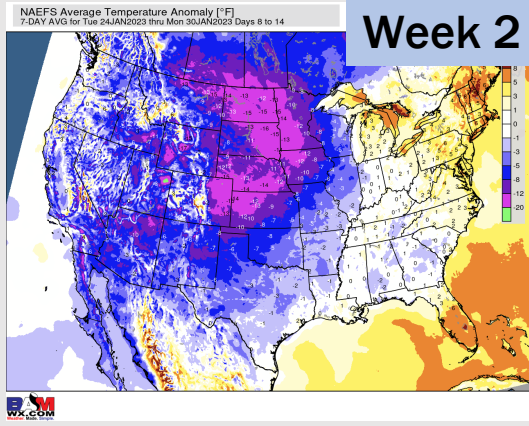
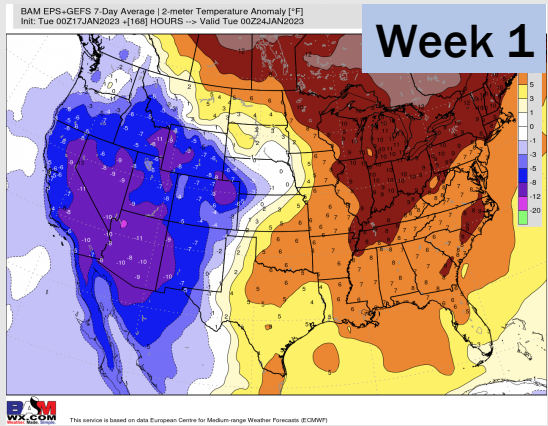
Wind Speed
11 AM CT



High Temps
Thursday



Houston Pilots: 1/17/23



- Rain chances Wednesday, Saturday, and the following Tuesday will lead to a slightly more active pattern vs average. Temps will continue to remain above average.
- Week 2 precipitation is expected to be near normal for the week 2 timeframe. Temperatures are to be near normal as well.
- Near normal precipitation chances and above normal temperatures expected in the weeks 3/4 timeframe.