

Houston Pilots Forecast Package



Updated: 1:00 PM CT

Monday, January 16, 2023

Forecaster: Vince Bryan

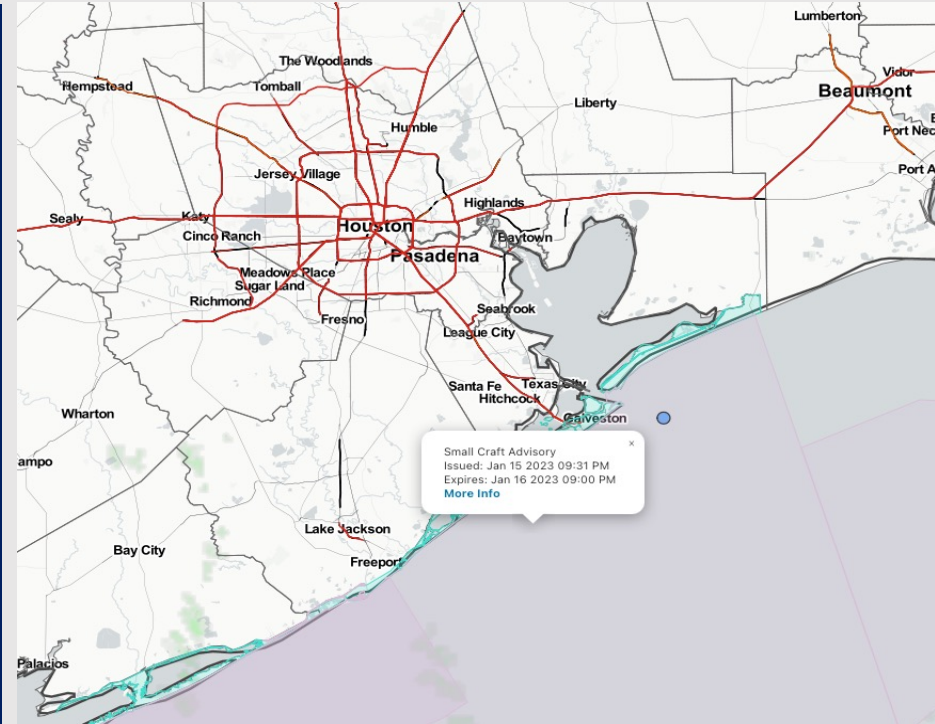
Weather Headlines

➤ **Sea fog will be in the cards late tonight into Tuesday. Fog could be particularly dense for the AM hours on Tuesday. View visibility slide for more details.**

➤ **Fog will be a risk until Wednesday PM when a front works through the area and turns winds out of the NW**

➤ **Favoring mostly dry conditions over the next 48 hours with a low chance for some showers Monday afternoon. The next substantial rain looks to come on Wednesday out ahead of a cold front.**

➤ **Looking at elevated winds over the next few days with the risk of the Boarding Station seeing gusts 20+ knots Today and Wednesday. Tuesday looks to hold calmer winds in the 5 - 15 kt range.**



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.

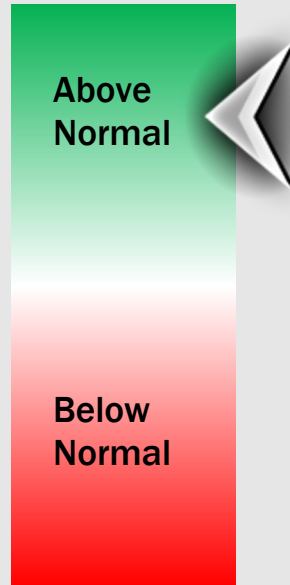
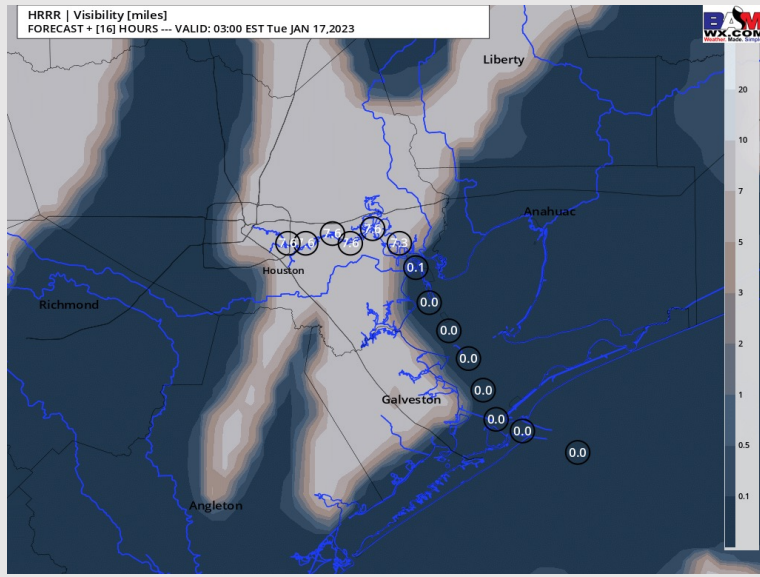
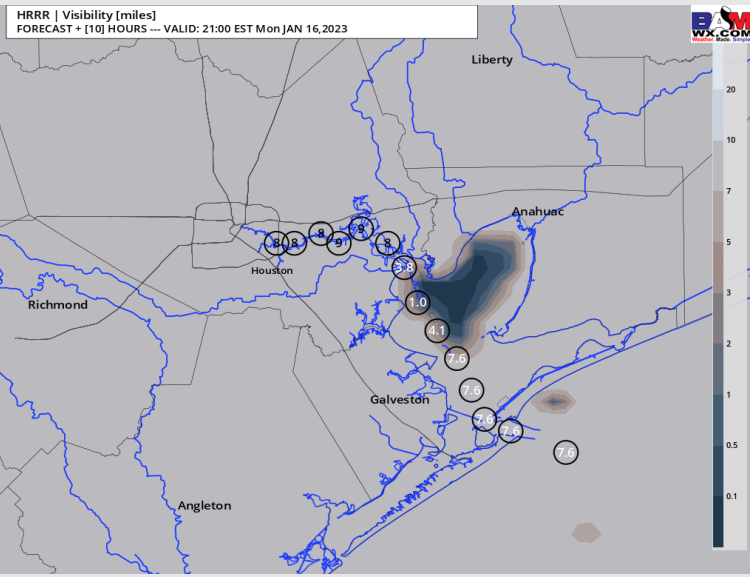
Houston Pilots Visibility Report



8 PM CT MON VISIBILITY

3 AM CT TUE VISIBILITY

Confidence



TIMEFRAME DISCUSSED	THREAT
6 PM MON – 12 PM TUE	MEDIUM-HIGH

- A low end risk for a few patches of fog to develop as early as 6-7 PM for areas south of Morgan’s Point, however we believe the better risk comes for patchy fog starting closer to ~8 PM.
- We are anticipating more widespread fog to then fill in between the 11 PM - 1 AM hours. Confidence is higher than average of seeing fog tonight and would expect some dense fog advisories to be issued once fog gets going.
- Visibility of less than 1 mile will certainly be possible with any pockets of fog.
- This threat likely persists into the mid-AM hours of Tuesday, with fog likely lifting between 9-11 AM. A few pockets of 2-4 mile visibility into the mid-day hours Tuesday will be possible as low clouds may not fully lift.

Houston Pilots Extended Range Visibility Report



Thursday 1/19/23

Fog is not expected for Thursday as winds will be out of the NW from the frontal passage bringing with it dry air.



Friday 1/20/23

Fog is not expected for Friday either, with winds shifting 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.



Chance for Reduced Visibility

Thursday AM	Unlikely
Thursday PM	Unlikely
Friday AM	Unlikely
Friday PM	Unlikely
Saturday AM	Unlikely
Saturday PM	Unlikely

Houston Pilots Visibility Report



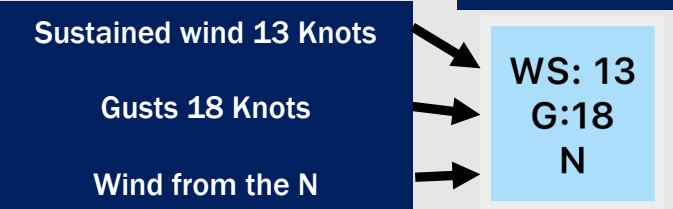
Refer to the slide above for the official BAM forecast. The chart could be too slow with fog threat tonight.

Time	Mon 12pm	Mon 1pm	Mon 2pm	Mon 3pm	Mon 4pm	Mon 5pm	Mon 6pm	Mon 7pm	Mon 8pm	Mon 9pm	Mon 10pm	Mon 11pm	Tue 12am	Tue 1am	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			
610 Bridge	10	10	10	10	10	10	10	10	10	10	7	6	6	3	0.48	1	0.63	0.35	0.35	0.24	0.24	1	3	6	8	10	10	10	10	10	10	10	10	10	9	7	7	7	
Kinder 1	10	10	10	10	10	10	10	10	10	10	7	6	6	3	0.48	1	0.63	1	0.35	0.24	0.24	1	3	6	8	10	10	10	10	10	10	10	10	10	9	7	7	7	
Greens Bayou	10	10	10	10	10	10	10	10	10	10	7	6	5	3	0.48	0.29	0.24	2	0.24	0.24	0.24	0.48	3	6	9	10	10	10	10	10	10	10	10	10	10	7	7	7	
Shell Crude	10	10	10	10	10	10	10	10	10	10	7	6	5	3	0.48	0.29	0.24	3	0.24	0.24	0.24	0.48	3	6	8	10	10	10	10	10	10	10	10	10	9	7	7	7	
Lynchburg Ferries	10	10	10	10	10	10	10	10	10	10	7	6	5	3	0.48	0.29	0.24	3	0.24	0.24	0.24	0.48	3	6	10	10	10	10	10	10	10	10	10	10	10	10	7	7	7
Exxon 3	10	10	10	10	10	10	10	10	10	10	7	6	5	3	0.48	0.29	0.24	3	0.24	0.24	0.16	0.48	3	6	8	10	10	10	10	10	10	10	10	10	9	7	7	7	
Morgans Point	10	10	10	10	10	10	10	10	10	10	7	6	4	3	0.48	0.29	0.24	3	0.24	0.24	0.16	0.48	3	6	8	10	10	10	10	10	10	10	10	10	8	7	6	6	
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1 & 2 Bravo	10	10	10	10	10	10	10	10	10	6	4	4	3	2	0.95	0.53	0.24	0.22	0.22	0.22	0.16	0.22	2	3	5	6	6	7	7	7	7	7	7	5	5	5	5		

Houston Pilots Wind Report



Example



Time Knots	Mon 3am	Mon 4am	Mon 5am	Mon 6am	Mon 7am	Mon 8am	Mon 9am	Mon 10am	Mon 11am	Mon 12pm	Mon 1pm	Mon 2pm	Mon 3pm	Mon 4pm	Mon 5pm	Mon 6pm	Mon 7pm	Mon 8pm	Mon 9pm	Mon 10pm	Mon 11pm	Tue 12am	Tue 1am	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	
610 Bridge	9	8	9	8	7	8	11	11	11	11	10	10	9	9	8	7	6	6	5	5	5	5	4	4	4	4	3	3	4	4	5	5	6	6	6	7	
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Kinder 1	9	7	8	7	7	8	11	11	11	11	10	11	9	9	8	7	6	6	5	5	5	5	4	4	4	4	3	4	4	5	5	6	6	6	7		
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Greens Bayou	8	7	6	7	7	8	10	10	11	11	10	11	9	9	8	7	6	6	6	5	5	5	4	4	4	3	3	4	4	5	5	6	6	6	7		
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Shell Crude	8	7	6	7	8	9	10	11	11	11	10	10	9	9	8	7	6	6	6	5	5	5	4	4	4	4	4	4	4	6	6	6	6	6	7		
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Lynchburg Ferries	8	6	5	6	8	8	9	10	10	9	11	9	8	9	7	7	6	6	6	5	5	5	4	4	4	4	4	4	4	5	5	6	6	6	7		
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Morgans Point	8	6	6	7	9	9	8	9	9	9	10	9	9	8	7	7	6	6	6	5	5	5	4	4	4	4	4	4	4	5	5	5	6	6	6	7	
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25/26	9	9	7	10	12	12	11	10	10	10	10	10	9	7	8	9	9	8	8	8	8	8	8	8	7	7	6	6	6	6	6	6	6	6	6	6	6
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11/12	9	9	8	10	10	11	10	10	9	9	8	8	8	7	7	10	9	9	9	8	9	8	8	8	8	7	7	6	6	6	6	6	6	6	6	6	
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1 & 2 Bravo	10	10	11	10	10	12	11	10	8	8	7	9	10	7	5	10	10	10	10	10	10	9	9	9	9	9	8	7	7	6	6	6	6	6	6	6	6
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Forecast Discussion

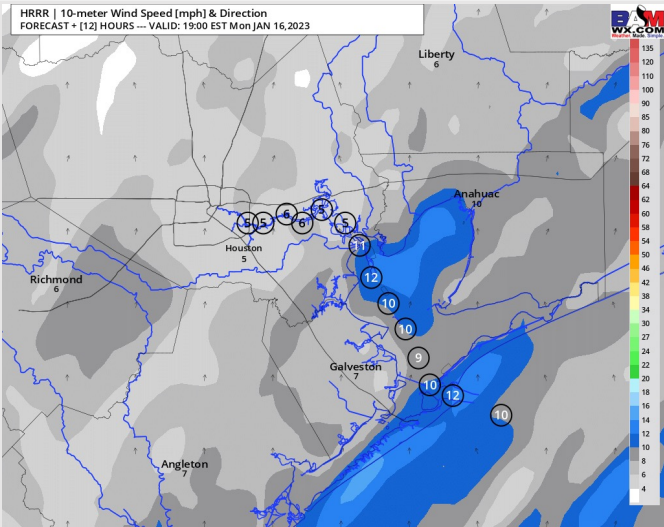
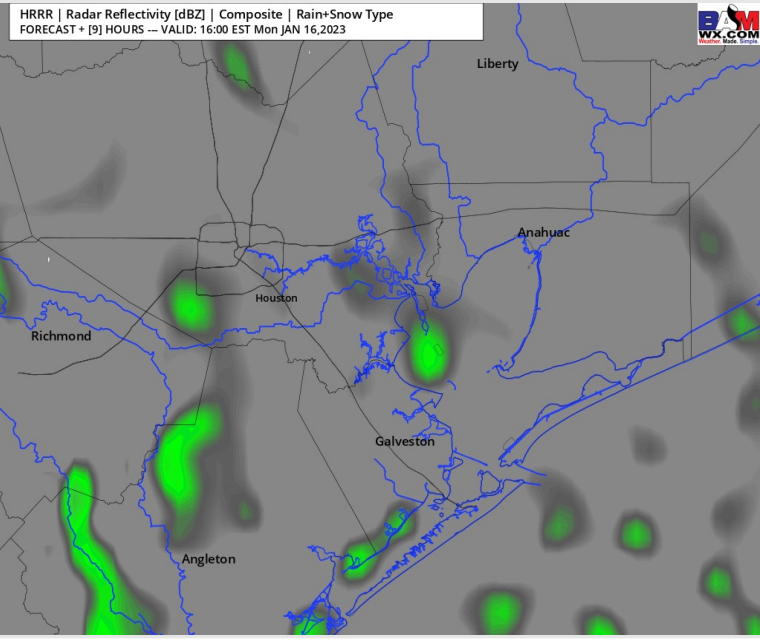
Precip: Hit and miss pockets of light precip will continue to be possible through the evening hours. Coverage will be rather sporadic, with overall intensity staying on the light side of things.

Wind: Winds continue out of the south at 13-18 knots for the boarding station through 7 PM, before winds drop back to 8-13 knots sustained. Winds will be closer to 5-10 knots for stations further north.

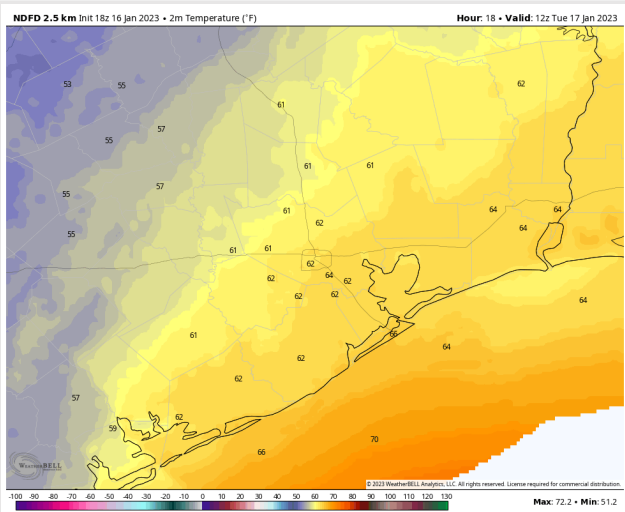
Temps: Lows drop back into the lower 60s tonight/tomorrow AM.

Visibility: Check slide above for more on the fog threat moving forward.

Precip Forecast: 4 PM CT



Wind Speed
6 PM CT



Low Temps
Tue AM

Forecast Discussion

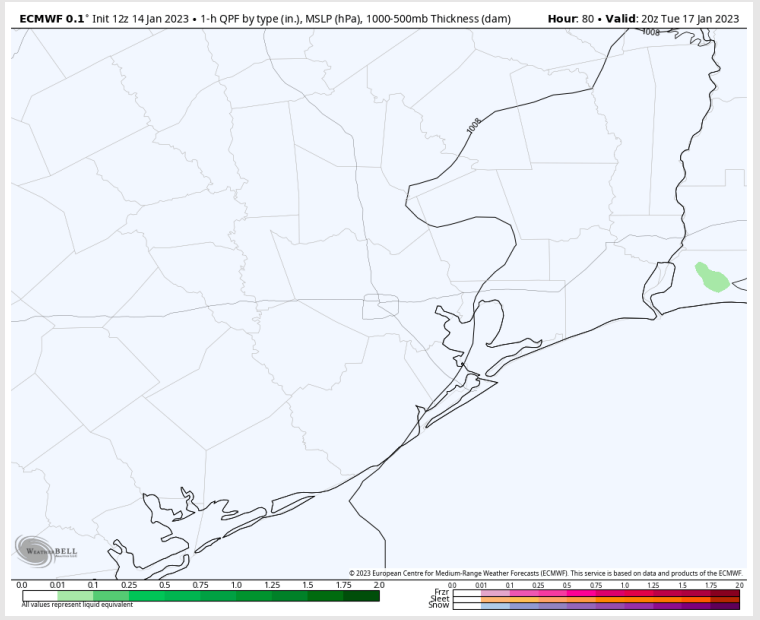
Precip: Favoring dry conditions on Tuesday with a 10% chance for an isolated shower in the late afternoon/early evening hours.

Wind: SW winds in the AM hours and early afternoon will shift from the SE by 5 PM and remain as such for the evening. Winds north of Morgan's point will be 3 – 8 kts and south of Morgan's Point will be 9 – 14 kts. From 11 AM – 6 PM winds will be at 3 – 8 kts across all stations before picking back up again at 9 – 14 kts south of Morgan's Point.

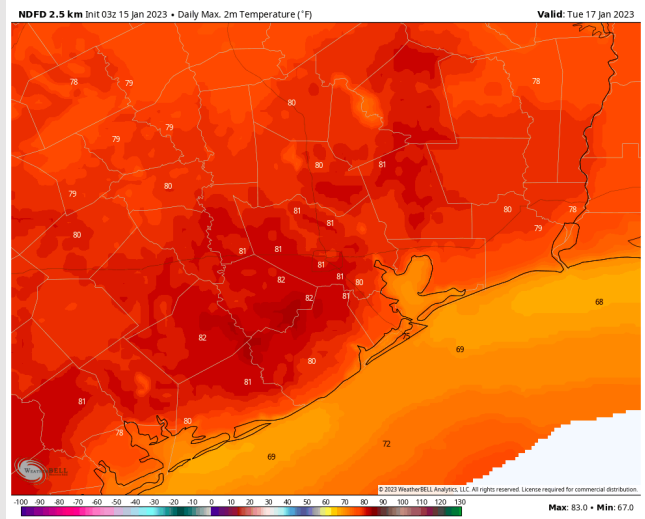
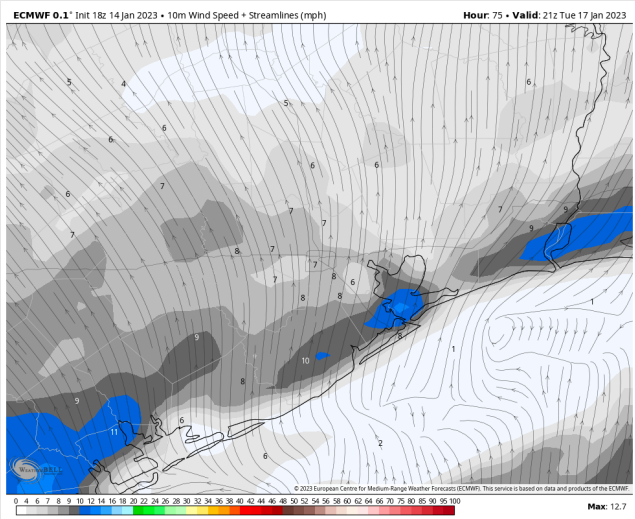
Temps: Unseasonably warm on Tuesday with temperatures near 80 F north of Morgan's Point and in the lower 70s F south of Morgan's Point.

Visibility: Sea fog will be possible on Tuesday morning as there will be substantial low-level moisture with southerly winds. While there is likely a break mid-day Tuesday, we'll need to watch Tuesday evening for additional development of fog.

Precip Forecast: 2 PM CT



Wind Speed
3 PM CT



High Temps
Tuesday

Forecast Discussion

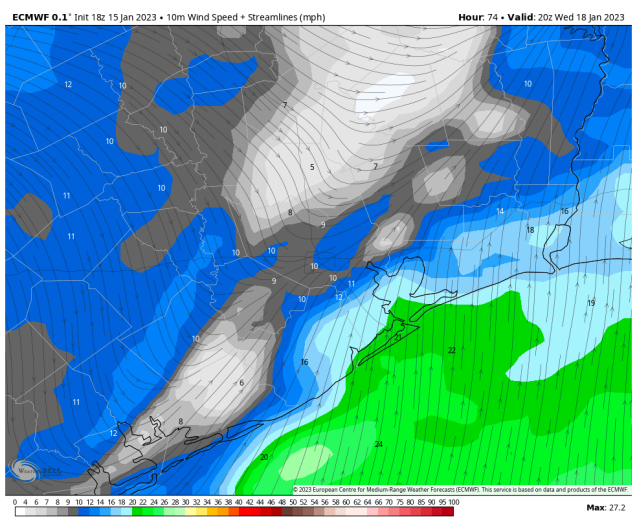
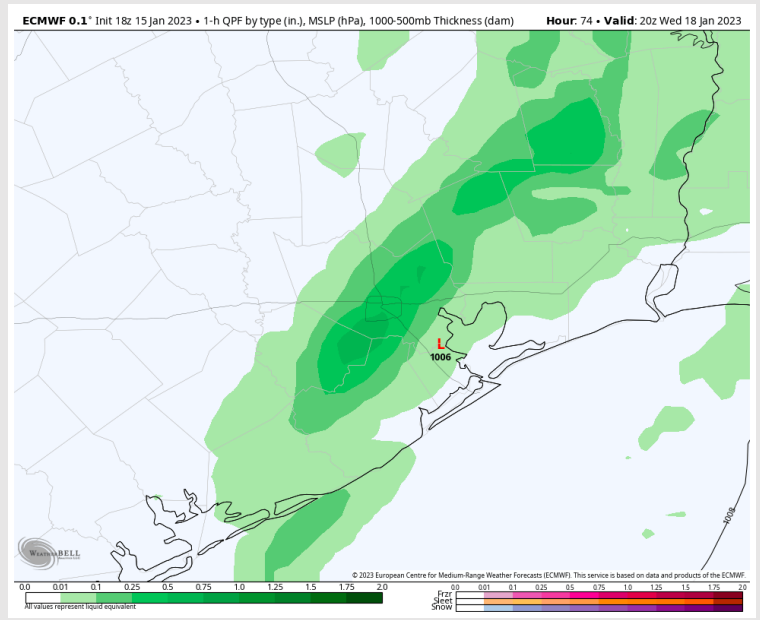
Precip: Favoring dry conditions until roughly 5 AM when showers will begin to fill in the area. The greatest chance for moderate rain will arrive around 2 PM and last until 5 PM. Showers could linger at the Boarding Station until 6 PM. After 6 PM favoring dry conditions.

Wind: SSE winds in the AM will shift from the NW by 6 PM due to a cold front. Winds north of Morgan's Point will start out at 10 – 16 kts and south of Morgan's Point will be slightly elevated at 11 – 17 kts. By 3 PM winds will increase even more south of Morgan's Point to 14 – 21 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 22 – 26 kts across all stations between 10 AM and 2 PM**

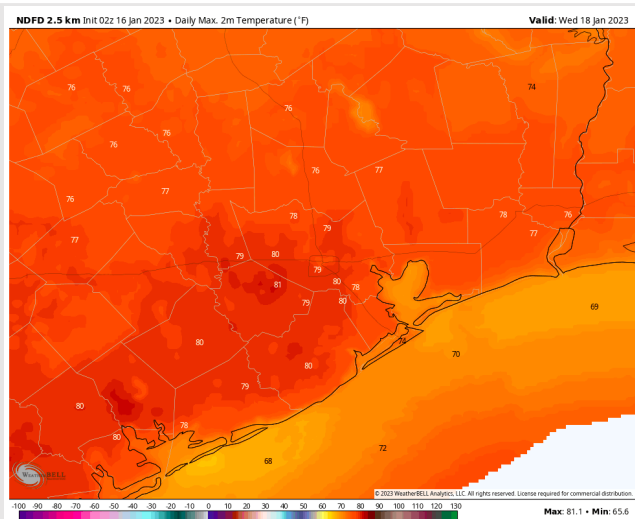
Temps: Temperatures north of Morgan's Point will be in the upper 70s F and south of Morgan's point will be in the mid to lower 70s F.

Visibility: Dense fog will be likely during the morning hours on Wednesday across all stations as there will be a lot of rising moist air ahead of the cold front with the presence of sea fog to further deteriorate visibility.

Precip Forecast: 2 PM CT

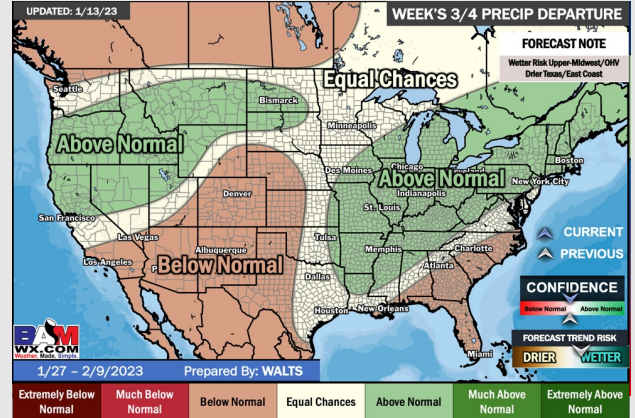
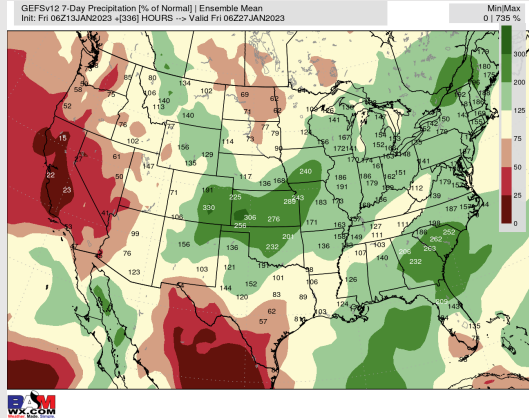
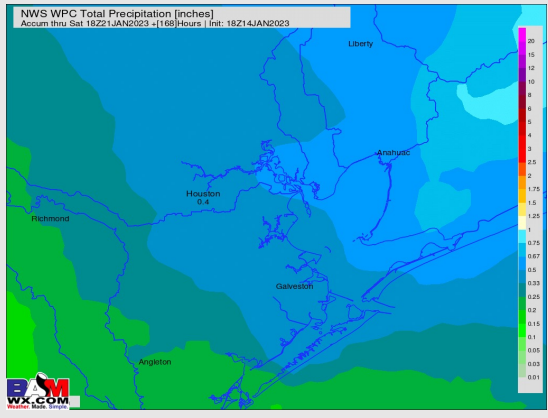
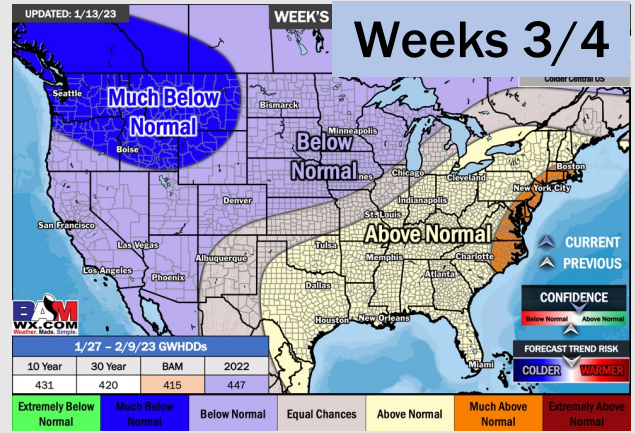
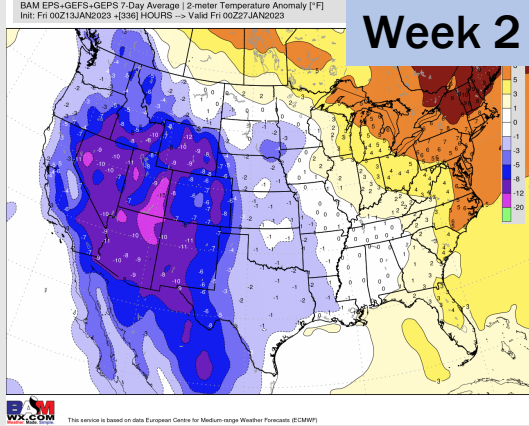
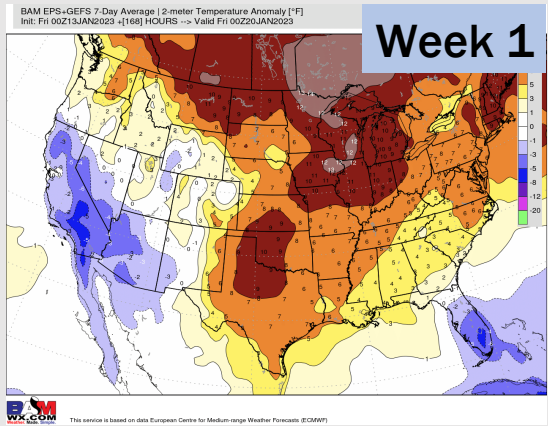


Wind Speed
2 PM CT



High Temps
Wednesday

Houston Pilots: 1/16/23



- A generally drier pattern with the best chances for precip coming Wed/Thu with a cold front. 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.
- Near normal precipitation chances and above normal temperatures expected in the weeks 3/4 timeframe.