

Houston Pilots Forecast Package



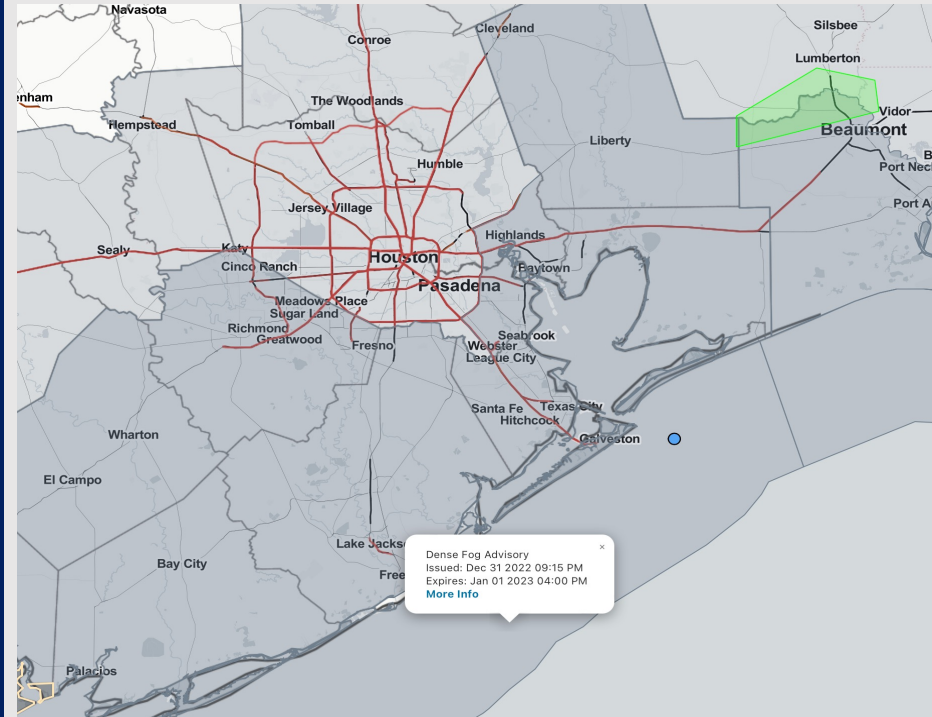
Updated: 6:20 AM CT

Sunday, January 1, 2023

Forecaster: Alyssa McClung

Weather Headlines

- **Fog threat to continue through most of the day Sunday. Check the visibility report for more details.**
- **We do not believe the forecast on the 36-hour visibility chart is 100% accurate, please reference out visibility slides below for official BAM thoughts.**
- **Outside a few spotty showers Sunday PM, a mainly dry weekend is in store. Rain chances return Monday AM and continue through Tuesday.**
- **Elevated winds work back into the cards Monday before a front works back in Tuesday and wipes out the fog threat for a few days. Wind gusts Monday have potential to be in the 23 - 28 kt range.**



Radar/NWS Alerts: 6:20 AM CT



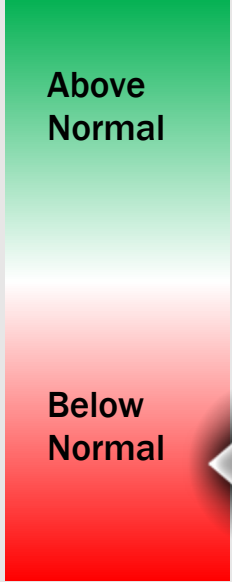
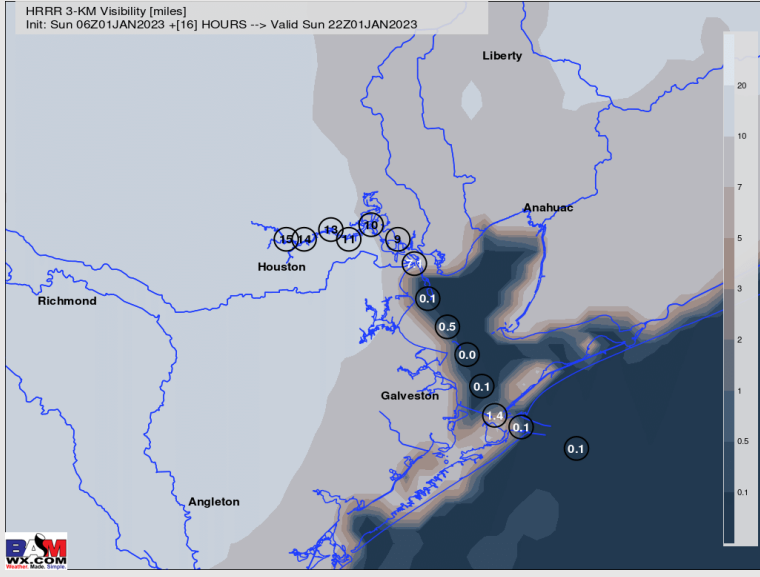
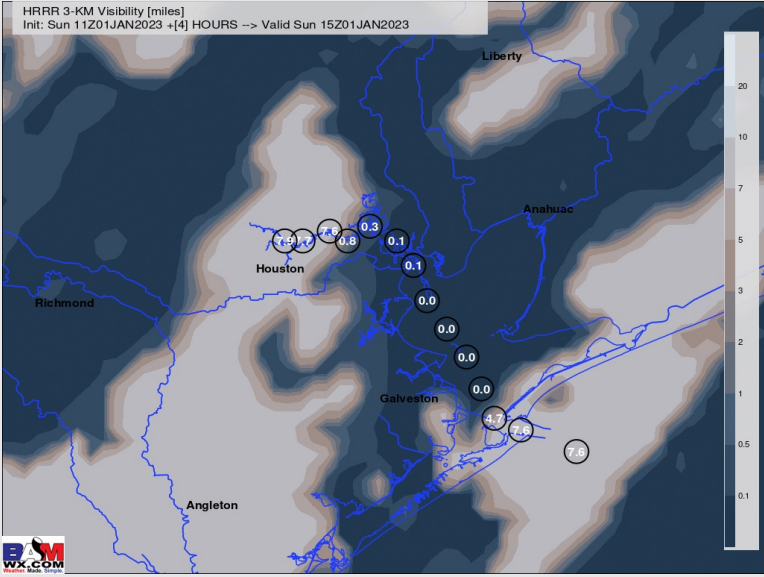
As always, please do not hesitate to reach out to us with any forecast questions via the chat option on the Weather Porthole or our on-call number, **(317)-560-8122** press 1 for forecast questions.

Houston Pilots Visibility Report



9 AM CT SUN VISIBILITY 4 PM CT SUN VISIBILITY

Confidence



TIME	THREAT
NOW - 12 AM SUN	Med - High

- Winds out of the S/SE create favorable conditions for widespread dense fog this morning. All stations at risk for reduced visibilities of less than 0.5 mile.
- Favoring fog to become more patchy in nature after 9 AM today and continuing through the evening. Reduced visibilities of 1 - 2 miles will be a threat for stations north of Morgan's Point, while stations South of Morgan's Point (including the Boarding Station) will be at risk for visibility of 0.5 miles or less.
- Favoring fog threat to continue into Monday AM (possibly redeveloping to become more widespread after midnight).
- Overall, lower confidence on coverage and timing.

Houston Pilots Extended Range Visibility Report



Wednesday 1/4/23

Winds out of the North will limit fog chances to near zero



Thursday 1/5/23

Winds will again be Northwesterly, making fog highly unlikely



Friday 1/6/23

Winds shift out of the SE by Friday evening, making the development of fog likely



Chance for Reduced Visibility

Wednesday AM	Unlikely
Wednesday PM	Unlikely
Thursday AM	Unlikely
Thursday PM	Unlikely
Friday AM	Unlikely
Friday PM	Possible

Houston Pilots Visibility Report



Time	Sun 4am	Sun 5am	Sun 6am	Sun 7am	Sun 8am	Sun 9am	Sun 10am	Sun 11am	Sun 12pm	Sun 1pm	Sun 2pm	Sun 3pm	Sun 4pm	Sun 5pm	Sun 6pm	Sun 7pm	Sun 8pm	Sun 9pm	Sun 10pm	Sun 11pm	Mon 12am	Mon 1am	Mon 2am	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		
610 Bridge	0.29	0.29	0.29	0.24	0.24	2	6	10	10	10	10	10	10	10	10	7	5	4	4	4	4	4	4	4	4	4	3	3	2	1	1	3	4	6	7	8	10	
Kinder 1	0.29	0.29	0.29	0.24	0.24	2	6	10	10	10	10	10	10	10	10	7	5	5	4	4	4	4	4	4	4	4	3	3	2	1	2	4	5	6	7	8	10	
Greens Bayou	0.29	0.31	0.29	0.24	0.24	1	6	10	10	10	10	10	10	10	10	7	6	6	6	6	6	6	5	5	6	4	3	3	2	3	3	4	5	7	7	8	9	
Shell Crude	0.29	0.29	0.29	0.24	0.24	1	6	10	10	10	10	10	10	10	10	7	7	6	6	6	6	6	6	8	6	4	3	3	2	3	3	4	5	7	7	7	8	
Lynchburg Ferries	0.29	0.29	0.29	0.24	0.24	1	6	10	10	10	10	10	10	10	10	7	7	6	6	6	6	6	6	8	6	4	3	3	2	3	3	4	5	7	7	7	9	
Exxon 3	0.29	0.29	0.29	0.24	0.24	0.7	6	10	10	10	10	10	10	10	10	7	7	6	6	6	6	6	6	8	6	4	3	3	2	3	3	4	5	7	7	7	8	
Morgans Point	0.29	0.29	0.29	0.24	0.24	1	6	10	10	10	10	10	10	10	10	8	6	7	6	6	6	6	6	8	8	4	4	4	3	3	4	4	5	7	7	7	8	
75/76	0.29	0.29	0.29	0.24	0.24	1	6	10	10	10	10	10	10	10	10	8	6	7	6	6	6	6	6	6	8	7	4	4	4	3	3	4	4	5	7	7	6	7
63/64	0.67	0.51	0.29	0.24	0.24	0.43	3	10	10	10	10	10	10	10	10	7	6	7	6	6	6	6	6	8	6	4	4	4	4	3	4	4	5	7	7	6	7	
51/52	0.96	0.53	0.29	0.24	0.24	0.24	3	10	10	10	10	10	10	10	8	7	5	7	5	5	5	5	5	7	5	4	4	4	4	4	2	4	4	5	7	6	6	6
37/38	1	0.77	0.29	0.24	0.24	0.39	1	9	10	10	10	10	10	9	6	6	5	5	4	4	4	4	4	6	5	3	4	4	4	1	3	4	4	6	5	5	5	
25/26	1	1	0.48	0.24	0.24	0.48	1	8	10	10	10	10	10	8	6	5	4	5	5	5	5	5	5	5	5	3	5	5	5	0.79	3	5	5	6	5	4	5	
11/12	2	1	0.53	0.29	0.24	2	0.72	3	5	10	10	9	8	6	1	1	3	3	3	3	3	3	3	4	3	2	4	4	3	0.55	1	4	4	4	4	4	4	
1 & 2 Bravo	1	0.72	0.53	0.48	0.24	2	0.72	1	0.72	1	2	1	1	0.72	0.48	0.48	0.77	0.33	0.35	0.44	0.36	0.77	0.77	0.77	0.77	0.77	0.46	0.46	0.46	0.22	0.27	1	3	3	3	2	3	

Please check visibility slides above for official thinking on fog as this chart may not be 100% perfect.

Houston Pilots: Sun. 1/1/2023



Forecast Discussion

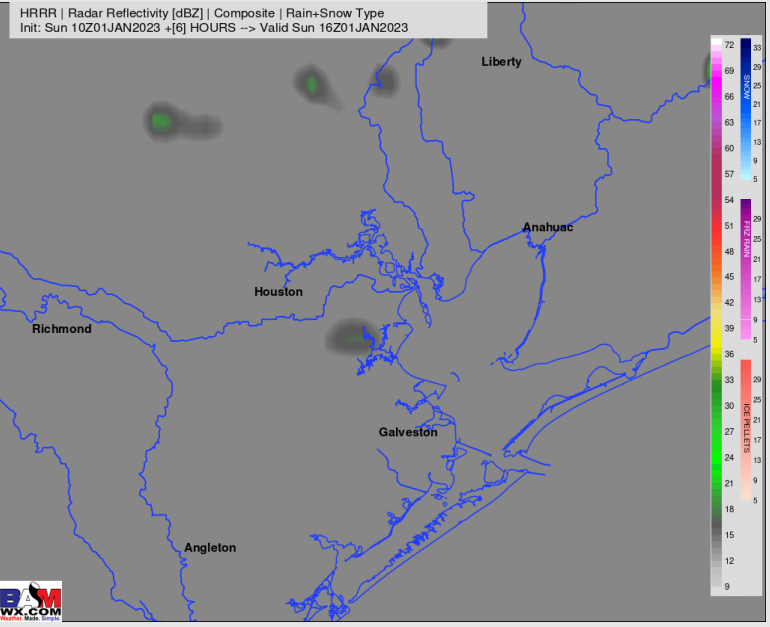
Precip: Favoring more dry time than not today. A low-end chance (20%) for spotty showers will be possible through 11 AM. Then, from 11 AM – 4 PM, chances will drop to 10% for a pocket of light drizzle

Wind: Sustained winds out of the generally out of the SE at 5-10 kts for all stations early Sunday AM. After 10 AM CT, favoring winds for all stations to increase to 8-13 kts until 1 PM CT. After 1 PM, favoring winds to gradually increase to 10-15 kts for all stations for the rest of the day.

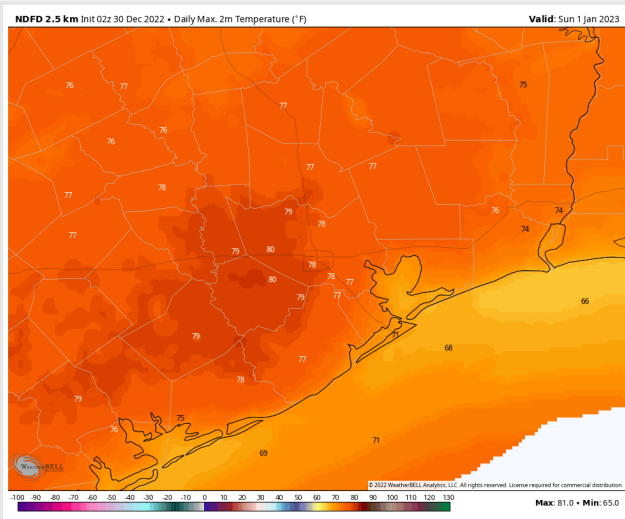
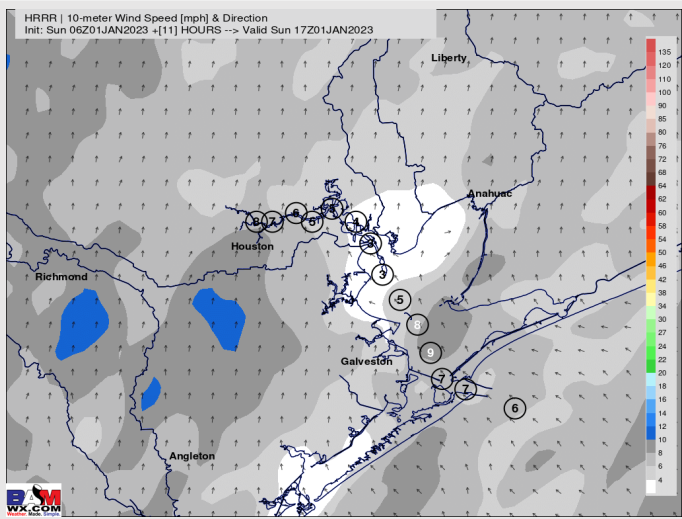
Temps: High temperatures in the upper 60s F near the boring station and in the lower 70s F for all other stations.

Visibility: Check the slides above for more on reduced visibility potential.

Precip Forecast: 10 AM CT



Wind Speed
11 AM CT



High Temps
Sunday

Houston Pilots: Mon. 1/2/2023



Forecast Discussion

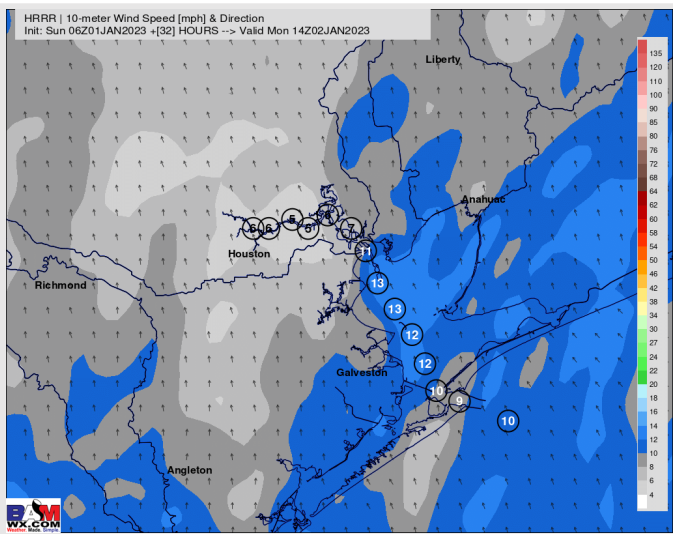
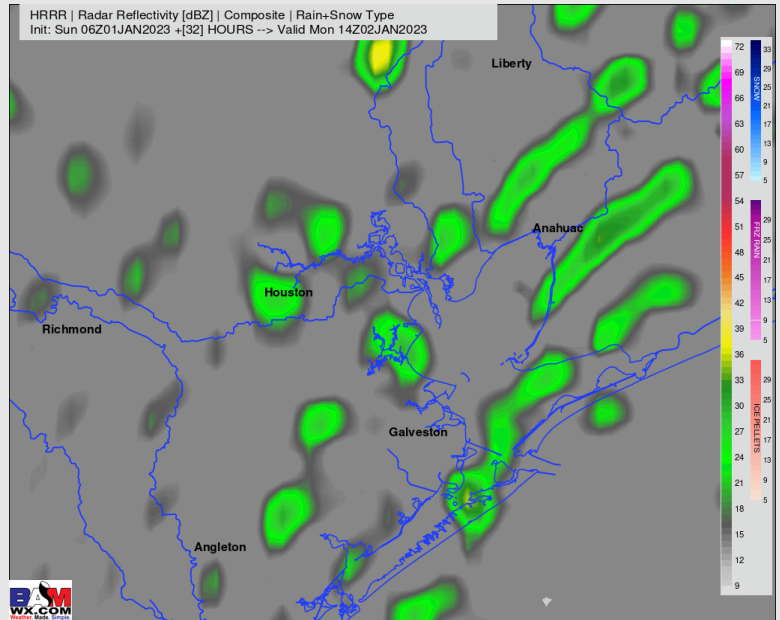
Precip: Favoring dry conditions until 7 AM. Post 7 AM, rain chances will slowly fill in the area, and increase in coverage. Favoring higher chances of rain and an isolated heavier pocket during the 2 PM – 8 PM window. After 8 PM spotty showers will linger throughout the overnight.

Wind: Sustained winds will be from the south for the majority of the day, veering from the SSW by 8 PM. Winds will be increasing during the AM hours to 16 – 22 kts across all stations between 10 AM – 5 PM. After 5 PM winds will weaken slightly North of Morgan’s Point to 11 –14 kts and 15 – 21 kts S of Morgan’s Point. **Wind gusts will be highest between 10 AM – 5 PM across all stations at ~28 kts.**

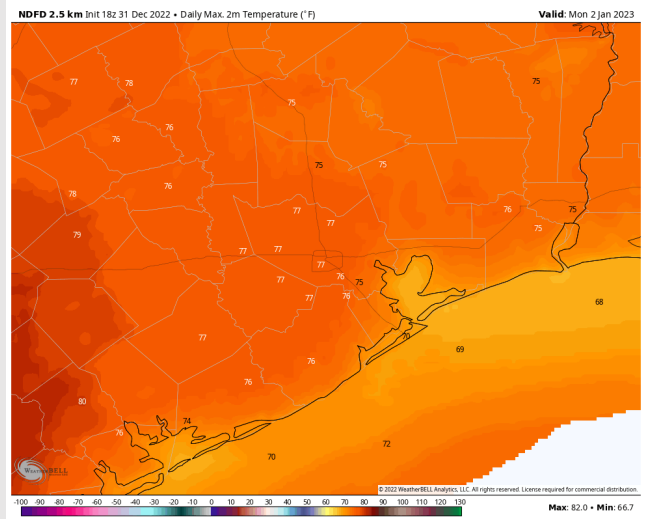
Temps: High temperatures Monday will be in the mid 70s F north of Morgan’s Point, and in the upper 60s to low 70s F south of Morgan’s Point.

Visibility: Visibility concerns from fog will be possible in the AM hours mainly south of 51/52; however, winds may be a tad too strong to prompt sea fog even with southerly winds.

Precip Forecast: 8 AM CT



Wind Speed
8 AM CT



High Temps
Monday

Houston Pilots: Tues. 1/3/2023



Forecast Discussion

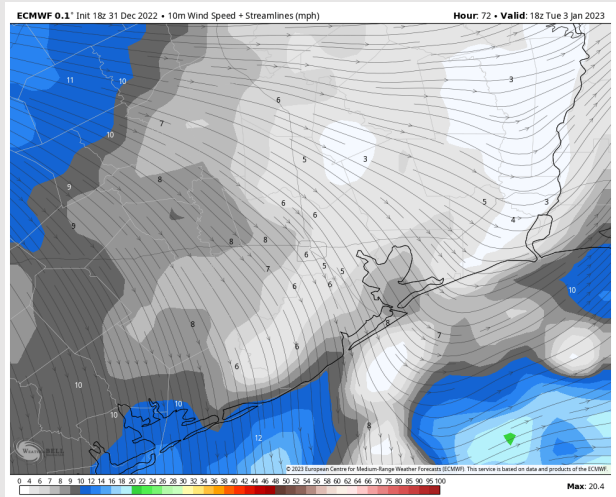
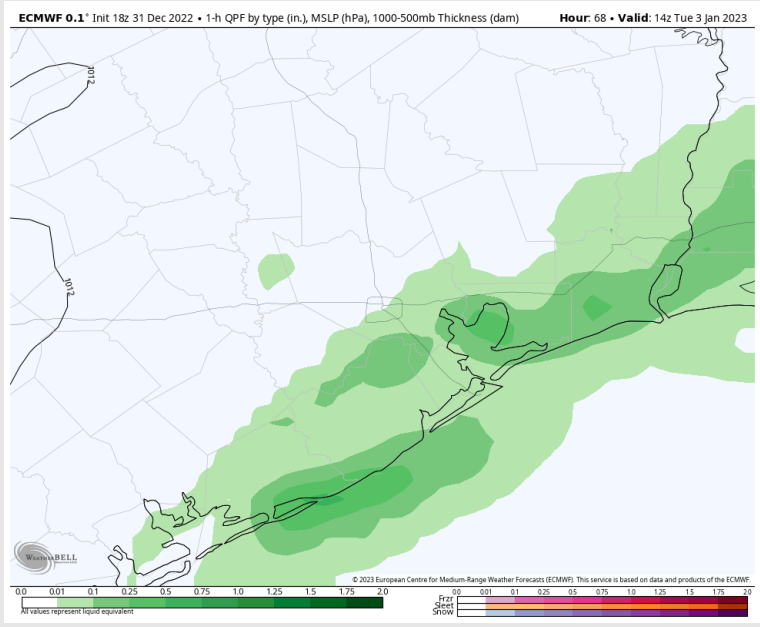
Precip: Spotty showers to continue through the early morning until more widespread coverage comes through 5 - 11 AM. After 11 AM, favoring dry conditions for the rest of the day.

Wind: Sustained winds out of the SSW at 12 - 17 kts with gusts of 15 - 20 kts before front moves through around 7 AM. After 7 AM, winds shift from the NW at 7 - 12 kts and last through the rest of the day.

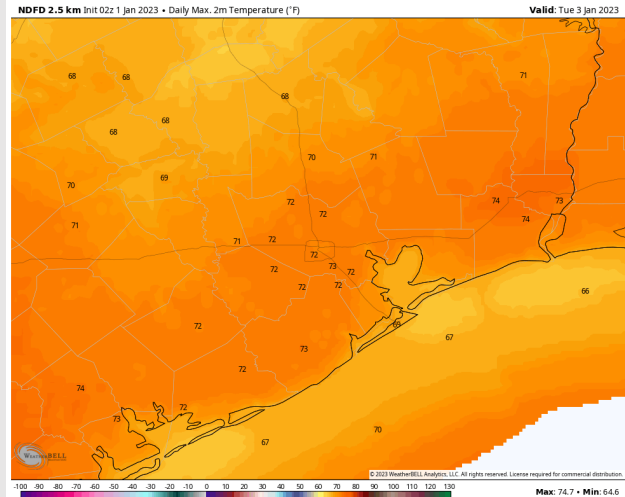
Temps: High temperatures on Tuesday will be upper 60s F near the Boarding Station and lower 70s F for all other stations.

Visibility: Not anticipating any fog issues on Tuesday.

Precip Forecast: 8 AM CT

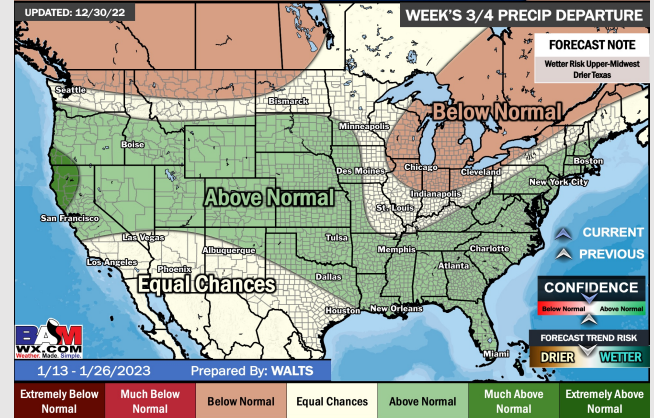
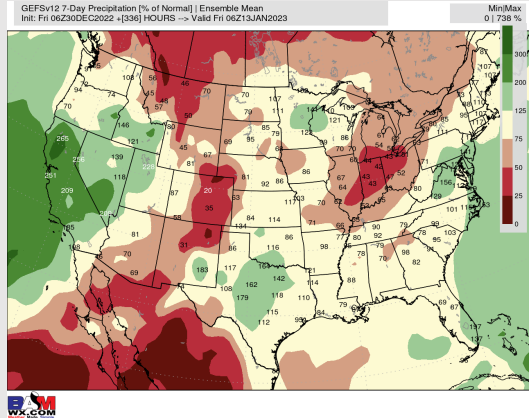
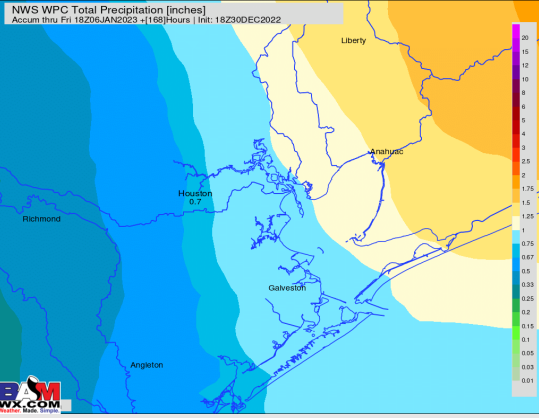
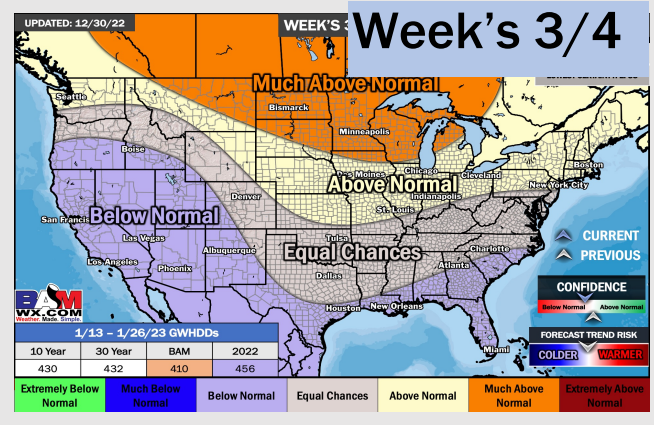
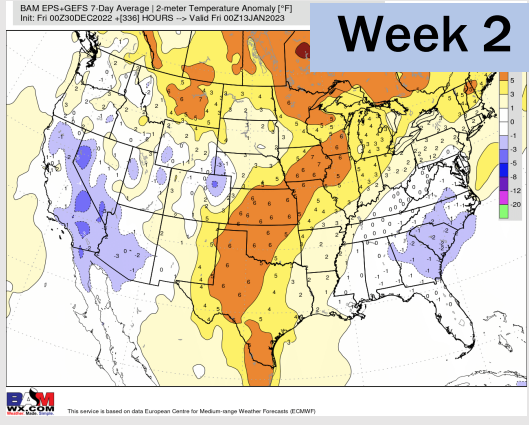
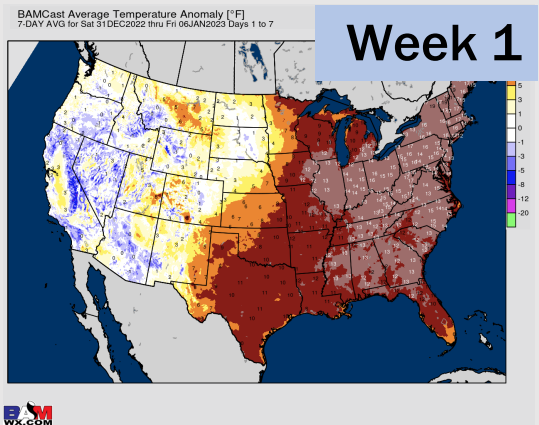


Wind Speed
12 PM CT



High Temps
Tuesday

Houston Pilots: 1/1/23



- Rain chances are limited this weekend with Monday and Tuesday looking like rather high chances for precip. Mid to late next week will be on the drier side. Temperatures expected to be much above average.
- Week 2 precipitation is expected to be near normal for the week 2 timeframe. Temperatures are to be above normal.
- Near normal precip chances and cooler weather is expected in the weeks 3/4 timeframe.