

# Houston Pilots Forecast Package



Updated: 1:00 PM CT

Monday, January 2, 2023

Forecaster: Vince Bryan

## Weather Headlines

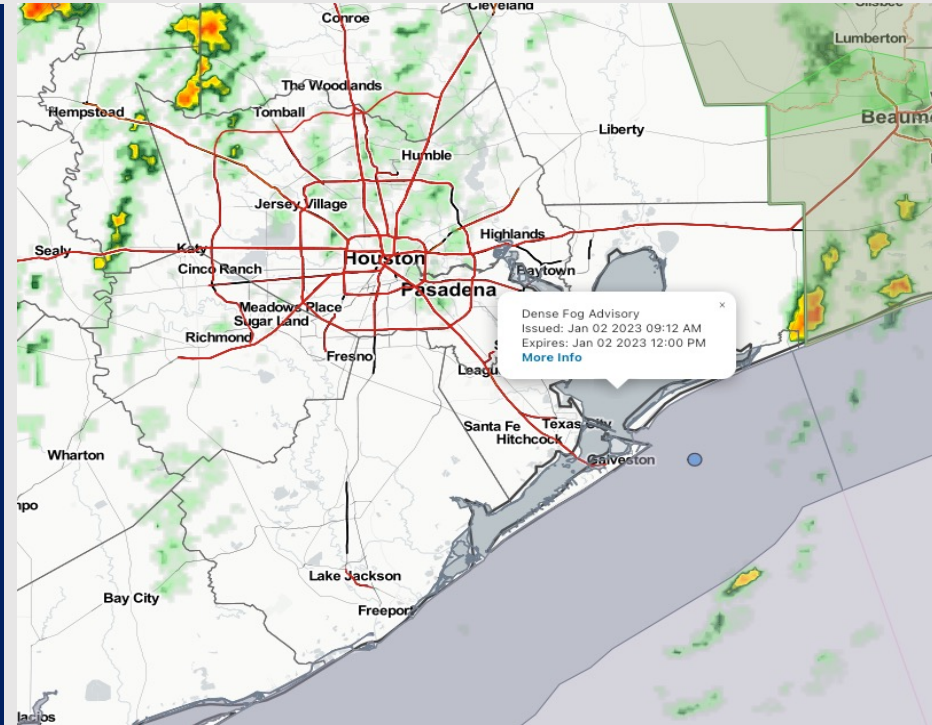
Fog will continue to be a concern out through Tuesday PM before a cold front passes the area and eliminates the fog potential.

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.

Waves at the boarding station of 5-7 feet will be possible out through the early AM hours Tuesday (~9 AM).

Please check slides below for increased winds today that continue into the overnight hours.

The fog / high wind threat fade for Tue PM/Wed/Thu/Friday AM.



Radar/NWS Alerts: 1:00 PM CT



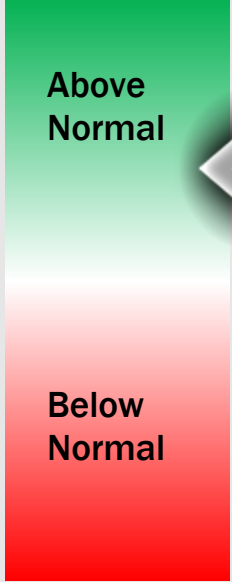
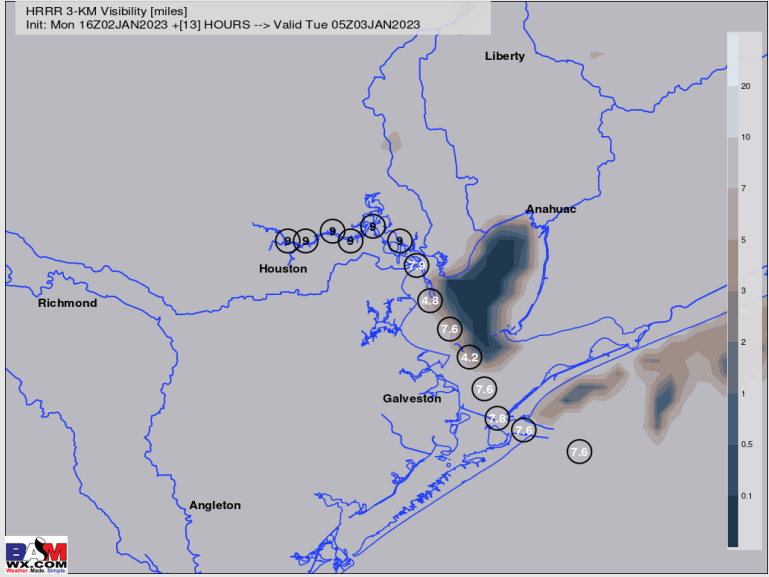
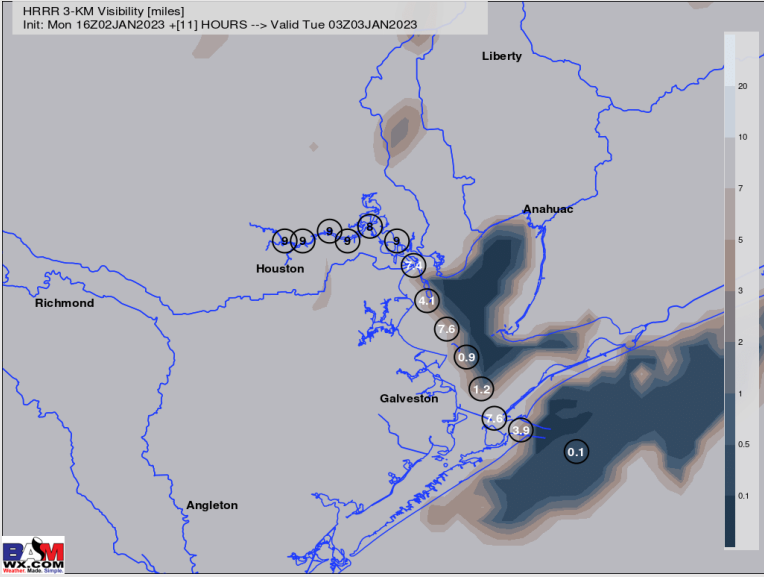
As always, please do not hesitate to reach out to us with any forecast questions via the chat option on the Weather Porthole or our on-call number, **(317)-560-8122** press 1 for forecast questions.

# Houston Pilots Visibility Report



## 7 PM CT MON VISIBILITY      1 AM CT TUE VISIBILITY

## Confidence



TIME	THREAT
NOW - 1 AM TUE	Med - High

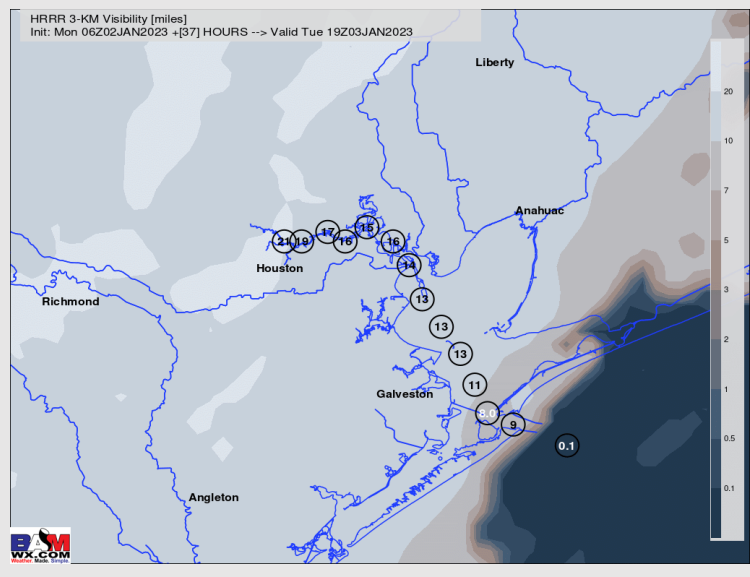
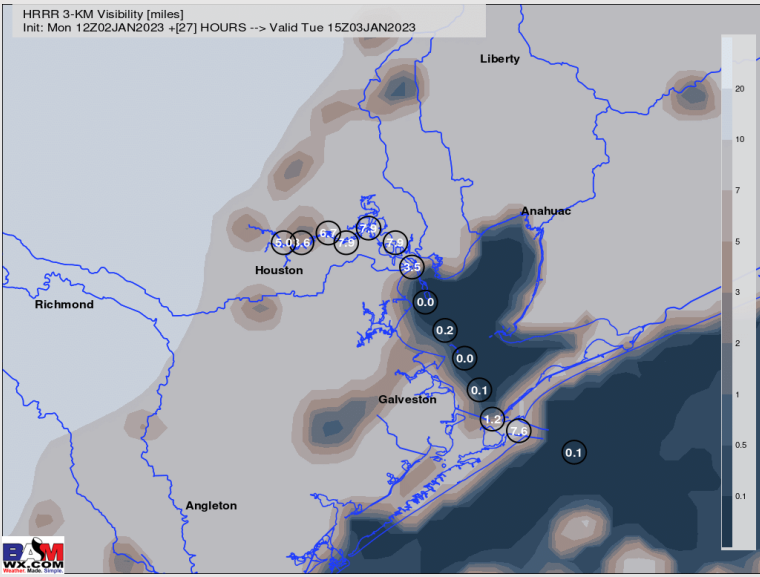
- While most of the widespread dense fog has lifted around the area, pockets of reduced visibility of less than 3 miles continue to be noted.
- Out through ~6-7 PM there can be isolated pockets of reduced visibility around the stations (best risk south of 51/52) before chances then rise for more widespread fog into the evening hours.
- There's some uncertainty in the forecast after ~ 11 PM tonight as winds may turn just SSW enough to limit the fog potential for the pre-dawn hours Tuesday. Updates will be sent on this into the evening.
- Stations North of Morgan's Point hold the best opportunity to avoid seeing widespread fog through the evening hours.

# Houston Pilots Visibility Report



## 10 AM CT TUE VISIBILITY      1 PM CT TUE VISIBILITY

## Confidence



Above Normal

Below Normal

TIME	THREAT
1 AM TUE – 1 PM TUE	Med-High

- As touched on the prior slide, from 11 PM Mon to 5 AM Tue there is lower confidence on just how expansive the fog can be as just a very slight shift in the wind will have a big impact on fog potential. We will favor patchy fog in that window with fog chances increasing into the daybreak hours.
- The main focus later into Tuesday will be the timing of a cold front that will finally!! usher out fog chances. **Currently targeting this to occur in the 11 AM – 1 PM window Tuesday (northern stations near 610 bridge in the earlier portion of that window, southern stations near the boarding station toward the end of the timeframe).**

# Houston Pilots Extended Range Visibility Report



## Thursday 1/5/23

Northwesterly winds will make fog development highly unlikely.



## Friday 1/6/23

The PM hours would be a timeframe to watch for possible development, however fog likely does not exist given the lower levels of the atmosphere are too dry.



## Saturday 1/7/23

SE winds will continue. However, winds could be a little bit on the strong side for sea fog transport. PM looks more conducive for fog.



## Chance for Reduced Visibility

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

# Houston Pilots Visibility Report



Refer to the slides above for the official BAM thinking. The chart here is not 100% perfect.

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



# Houston Pilots: Mon. 1/2/2023



## Forecast Discussion

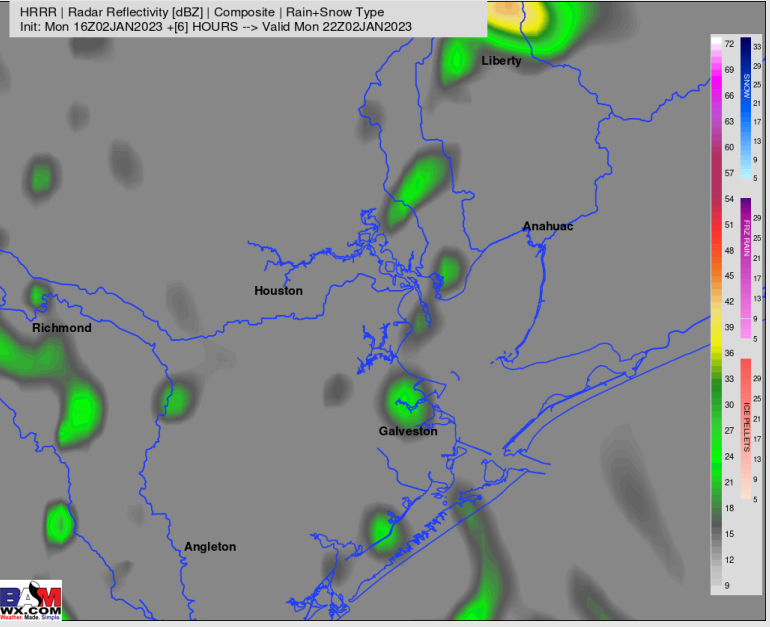
**Precip:** On and off pockets of drizzle to light rain showers will continue to be possible as the low cloud deck sticks around. Any precip likely stays rather light, but likely looking at precip chances continuing through the day today.

**Wind:** Sustained winds will continue from the S for the majority of the day, veering from the SSW by 8 PM. Winds will continue to sit 10-15 knots for all stations, with the boarding station closer to 15-20 knots. After 3 PM winds at the boarding station run the biggest risk of sitting 18-23 knots sustained, however there is slightly lower confidence on just how high winds can reach.

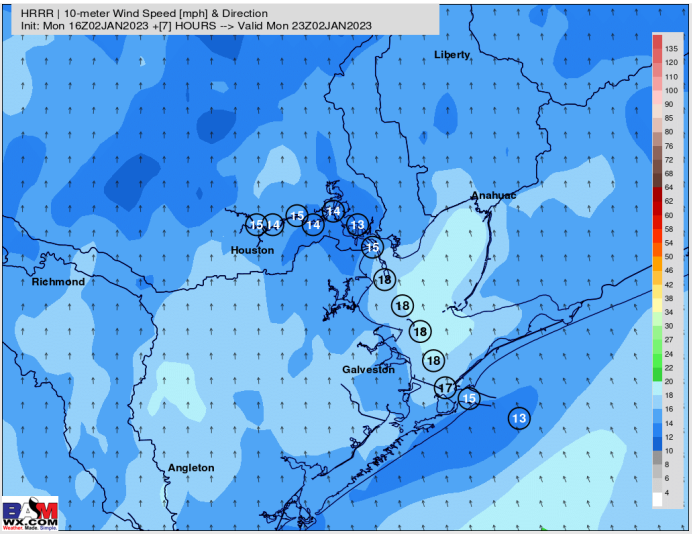
**Temps:** Low Temps will fade into the lower to mid 60s for the stations.

**Visibility:** More details on visibility in the slides 2 & 3.

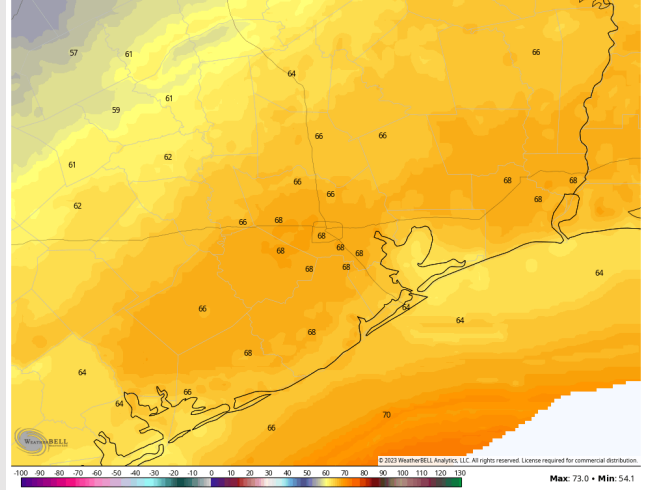
## Precip Forecast: 5 PM CT



Wind Speed  
6 PM CT



NDFD 2.5 km Init 17:2 Jan 2023 • 2m Temperature (°F) Hour: 18 • Valid: 11:2 Tue 3 Jan 2023



Low Temps Tue  
AM

# Houston Pilots: Tues. 1/3/2023



## Forecast Discussion

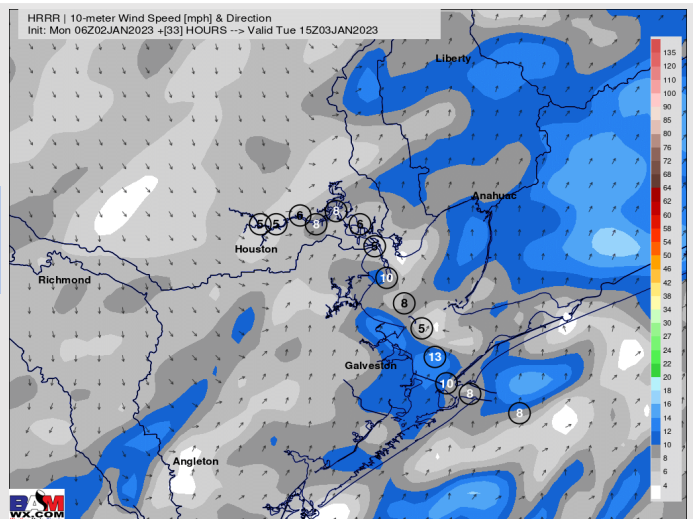
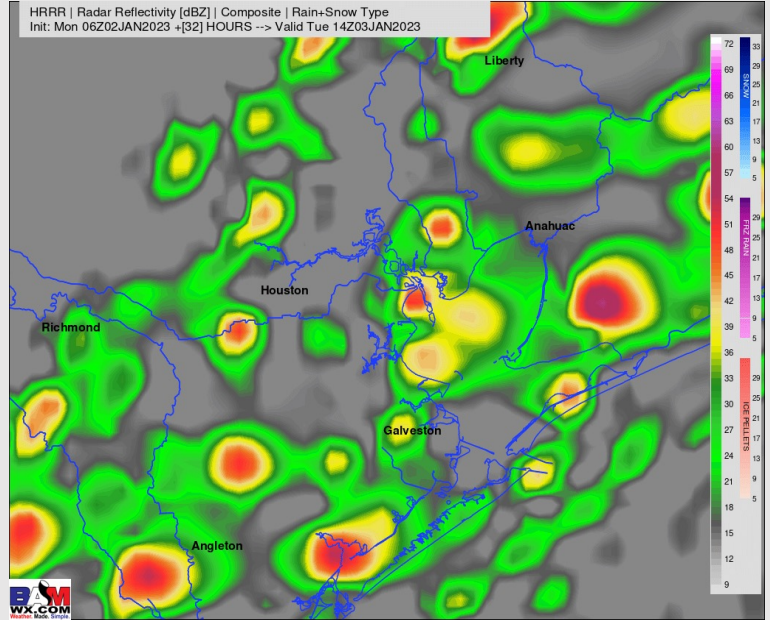
**Precip:** Precip continues through the early morning hours until coverage become a bit more increased between 6 – 11 AM. After ~1PM, favoring dry conditions for the rest of the day. A few stronger storms with gusts 20-25+ knots cannot be ruled out.

**Wind:** Sustained winds out of the SSW at 10 – 15 kts with gusts of 13 – 18 kts before front moves through around 11 AM – 1 PM. After 1 PM, winds shift from the NW at 7 – 12 kts and last through the rest of the day.

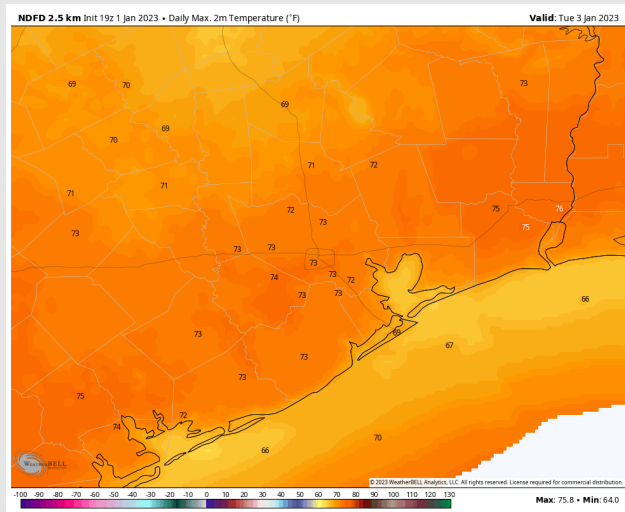
**Temps:** High temperatures on Tuesday will be upper 60s F near the Boarding Station and lower 70s F for all other stations.

**Visibility:** Refer to slides 2 & 3 for reduced visibility potential.

## Precip Forecast: 9 AM CT



Wind Speed  
12 PM CT



High Temps  
Tuesday



# Houston Pilots: Wed. 1/4/2023



## Forecast Discussion

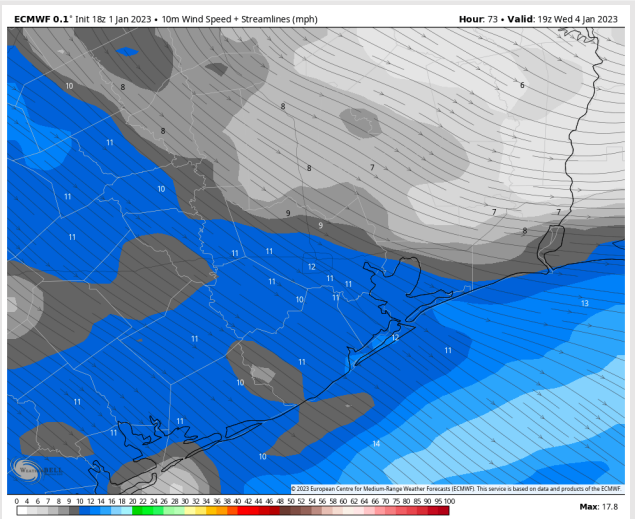
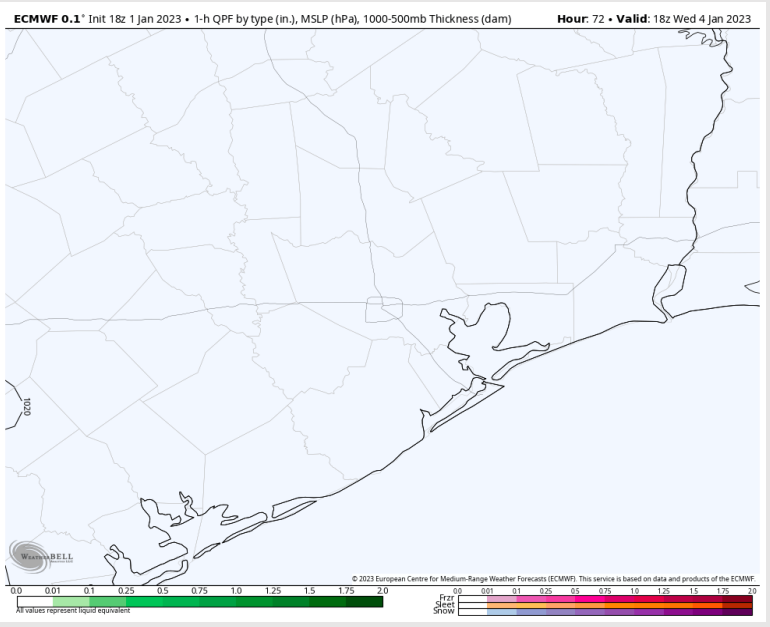
**Precip:** Favoring a dry day for Wednesday.

**Wind:** Light westerly winds in the AM will be more sustained from the NW by 12 PM, and then veer from the north during the late evening (10 PM). Winds will be 7 – 11 kts from 9 AM – 4 PM across all stations. After 4 PM winds will subside to 4 – 7 kts. A few pockets of up to 11 kts will be possible at the Boarding Station and 11/12 from 5 PM – 12 AM. A few wind gusts of up to 18 kts will be possible north of Morgan’s Point from 11 AM – 3 PM.

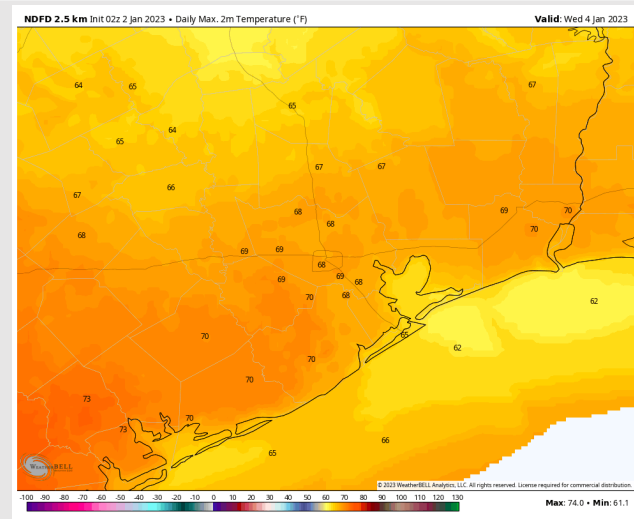
**Temps:** High temperatures Monday will be in the upper 60s F north of Morgan’s Point and in the mid to lower 60s F south of Morgan’s Point.

**Visibility:** Not anticipating any visibility concerns at this time.

## Precip Forecast: 12 PM CT

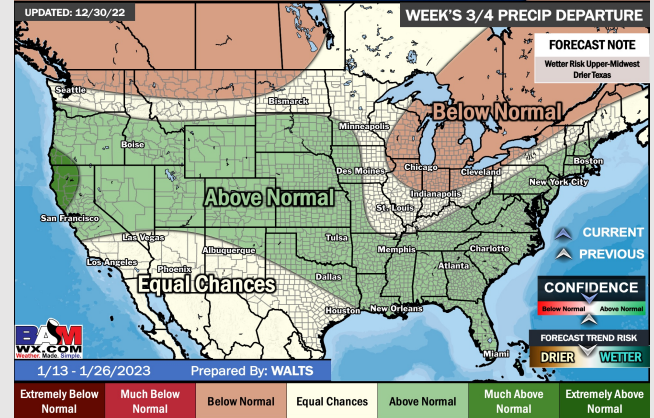
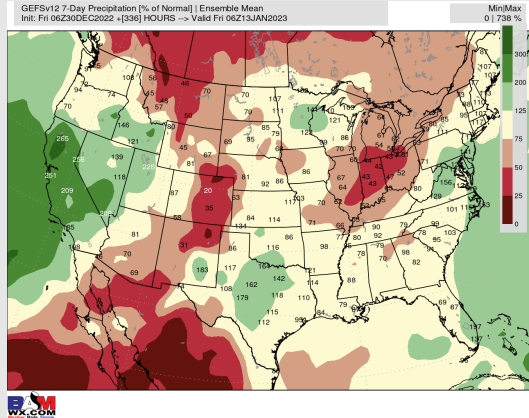
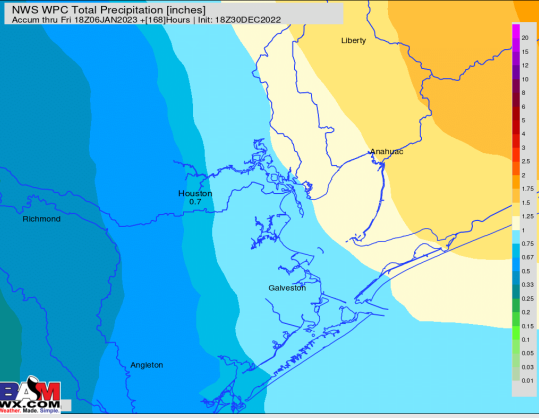
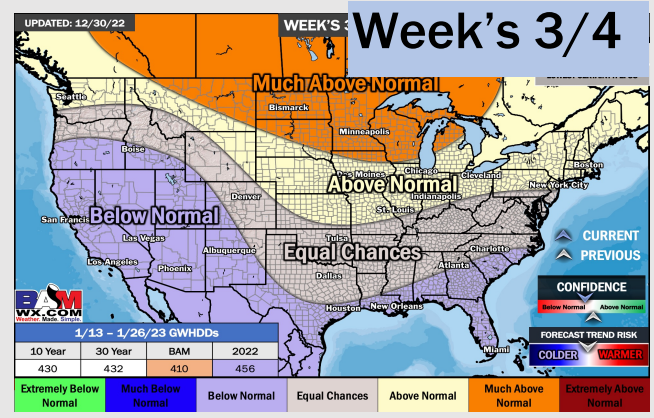
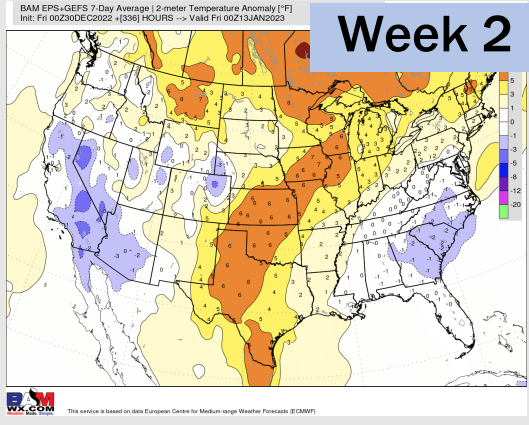
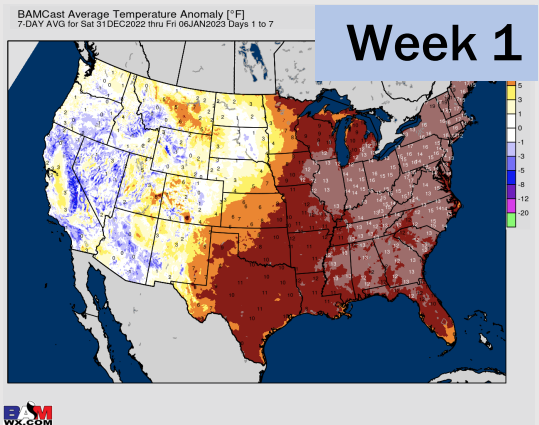


Wind Speed  
1 PM CT



High Temps  
Wednesday

# Houston Pilots: 1/2/23



- Rain chances today and tomorrow looking like rather high chances for precip. Mid to late this 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.