

# Houston Pilots Forecast Package



Updated: 5:00 AM CT

Monday, January 2, 2023

Forecaster: Vince Bryan

## Weather Headlines

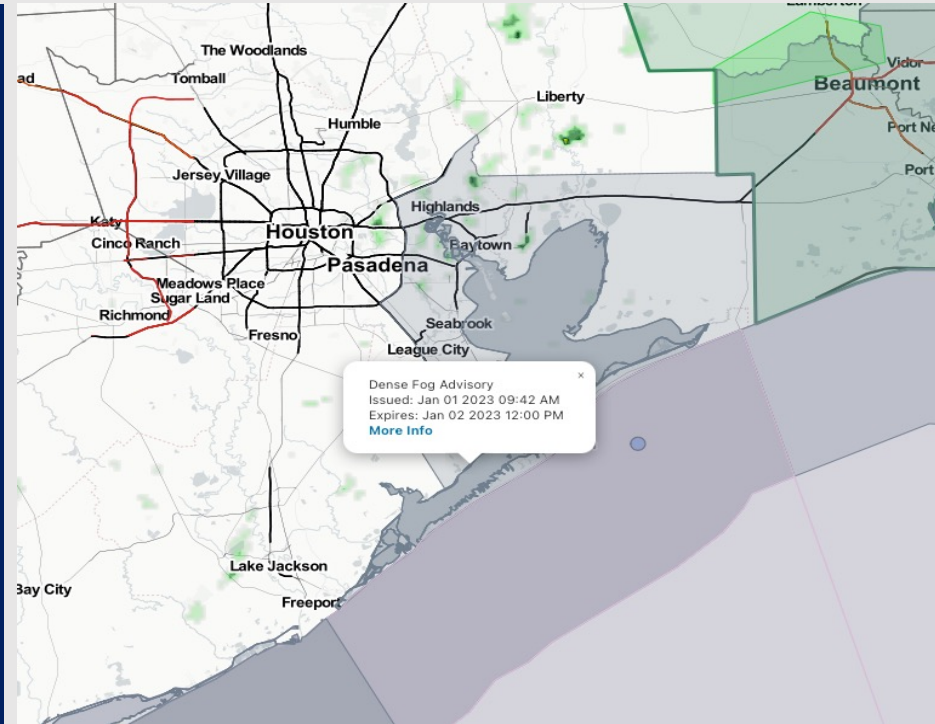
Fog will continue to be a concern out through Tuesday PM before a cold front passes the area and eliminates the fog potential.

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 from mid-day today (~11 AM) 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: 5:00 AM CT



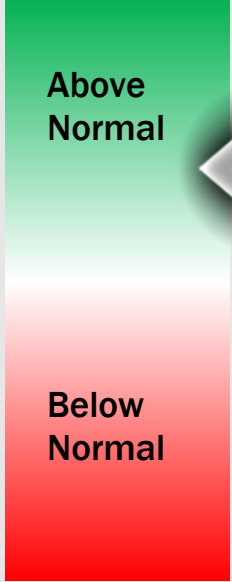
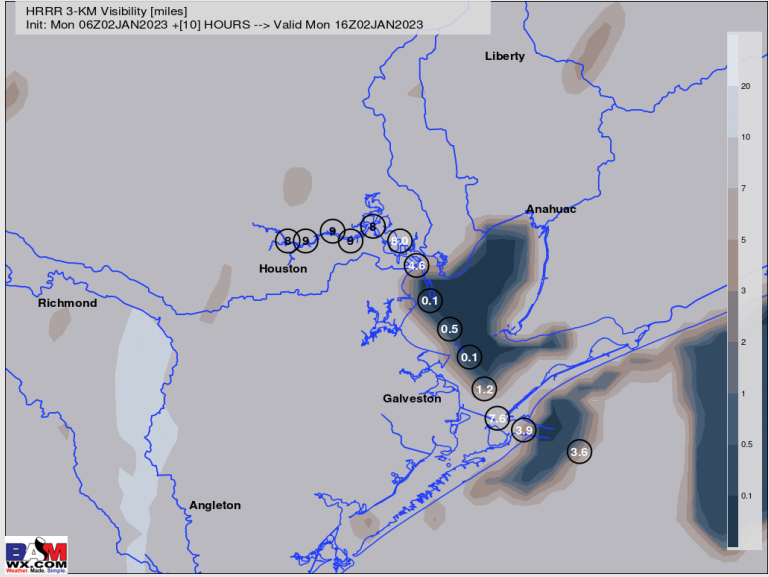
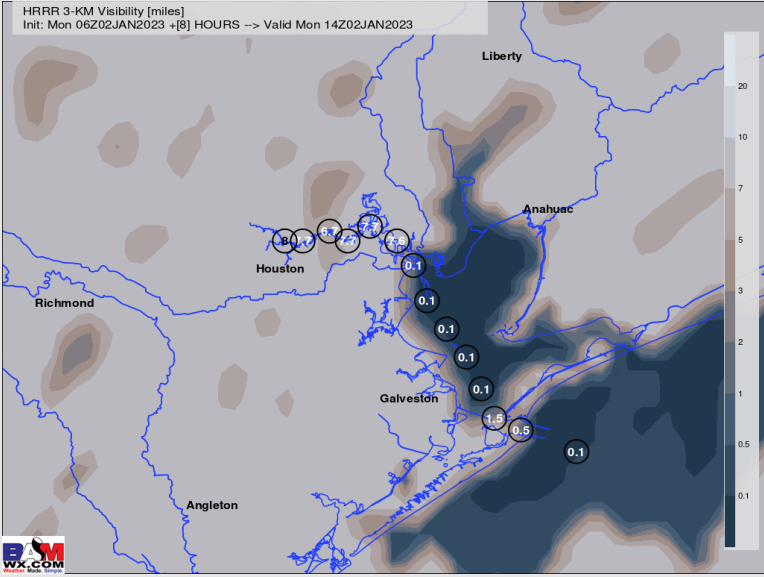
As always, please do not hesitate to reach out to us with any forecast questions via the chat option on the Weather Porthole or our on-call number, **(317)-560-8122** press 1 for forecast questions.

# Houston Pilots Visibility Report



## 6 AM CT MON VISIBILITY      1 PM CT MON VISIBILITY

## Confidence



TIME	THREAT
NOW - 6 PM MON	Med - High

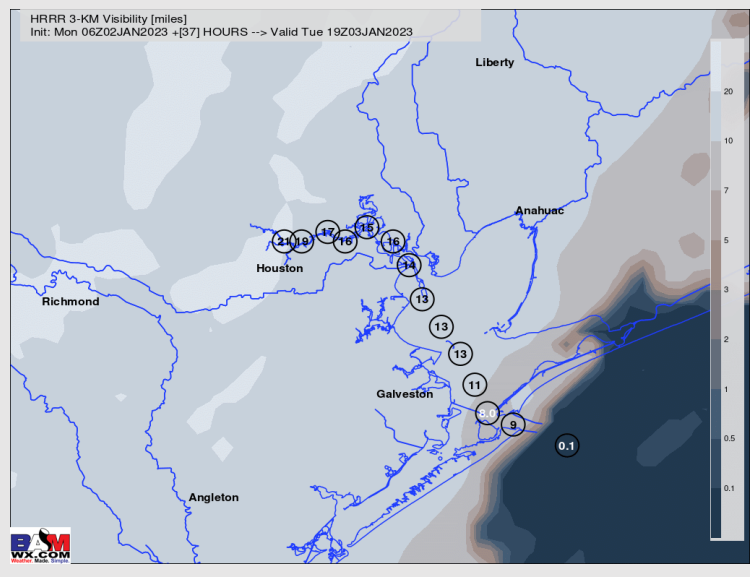
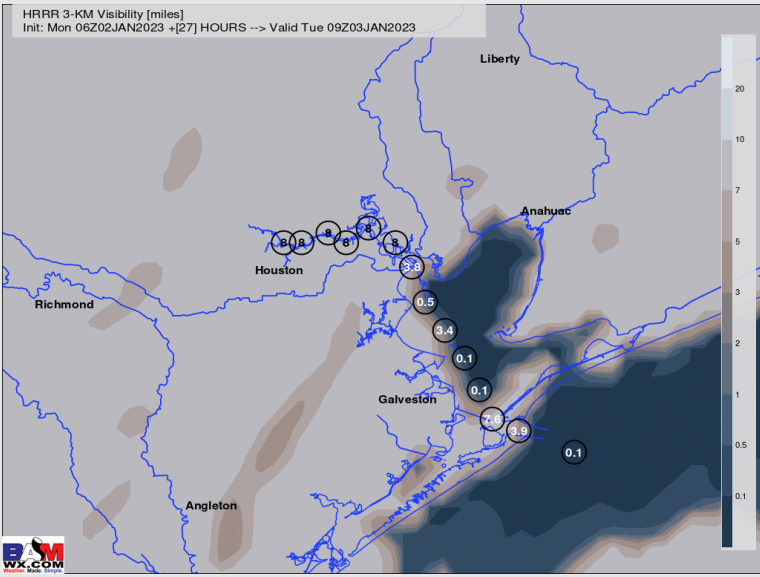
- Widespread fog ongoing this morning with Dense Fog Advisories in place.
- Favoring dense fog to \*slowly\* become patchier in nature between ~10 AM - Noon today, **however the risk for visibilities below 1 mile will remain in a patchy nature, especially for stations south of Morgan's Point.**
- Between 10 AM - 5 PM is when the best opportunity presents itself across the channel for better visibilities of 2-4+ miles. \*With that said\* the risk is still there for there to be isolated pockets of patchy fog creating visibilities <2 miles still (as shown above).
- Working beyond sundown tonight, visibilities likely return to generally less than <2 miles for most stations as fog can increase once again.

# Houston Pilots Visibility Report



## 7 PM CT MON VISIBILITY      12 PM CT TUE VISIBILITY

## Confidence



Above Normal

Below Normal

TIME	THREAT
7 PM MON – 1 PM TUE	Med-High

- **Anticipating dense fog with visibilities of less than 1 mile to re-build this evening and continuing through the overnight hours for stations S of Morgan’s Point. Low clouds will be an issue if fog does not setup immediately at the surface as well.**
- Stations north of Morgan’s Point will also be at risk for fog beginning after sundown Monday into mid-day Tuesday, however things can be a bit more patchy in nature and likely is not as persistent.
- The main focus on 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 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	6	6	5	5	3	2	3	5	6	6	6	8	7	6	5	4	5	5	5	5	6	6	5	5	4	3	3	2	1	0.84	3	6	6	8	10	10	
Kinder 1	6	6	5	5	3	2	3	5	6	6	6	7	6	6	5	4	5	5	6	5	6	6	5	5	5	4	4	4	2	0.84	3	6	6	8	10	10	
Greens Bayou	5	5	4	4	3	2	3	5	6	6	6	7	6	6	5	4	5	5	7	5	6	6	5	6	6	6	6	5	5	0.75	3	6	6	8	10	10	
Shell Crude	5	4	4	4	3	2	3	5	6	6	6	6	6	6	4	4	5	5	7	5	6	6	5	6	6	6	6	6	6	6	1	3	5	6	8	10	10
Lynchburg Ferries	4	4	3	3	3	2	3	5	6	6	6	7	6	6	5	4	5	5	7	5	5	5	5	6	6	6	6	6	6	6	1	3	5	6	8	10	10
Exxon 3	4	4	3	3	3	2	3	5	6	6	6	6	6	6	4	4	5	5	7	5	5	5	5	6	6	6	6	6	6	6	1	3	5	6	8	10	10
Morgans Point	4	4	3	3	2	2	3	5	6	6	6	6	6	5	4	4	5	5	7	5	5	5	5	8	8	8	8	7	6	1	4	5	6	7	10	10	
75/76	4	4	3	3	2	2	3	5	5	6	6	6	6	5	4	4	5	5	7	5	5	5	5	7	7	7	7	7	6	1	4	5	6	7	10	10	
63/64	4	4	3	3	2	2	3	5	5	6	6	6	6	5	4	4	4	4	7	5	5	5	5	6	6	6	6	6	6	1	4	5	6	6	8	10	
51/52	3	2	2	3	2	2	2	4	5	6	6	6	5	5	4	4	4	4	7	4	5	5	4	5	5	5	5	5	5	5	1	4	4	5	6	8	10
37/38	1	0.53	2	2	2	1	2	4	5	6	6	5	5	5	4	4	4	5	6	4	5	5	5	5	5	7	5	5	4	2	5	4	5	5	7	9	
25/26	0.53	0.53	0.53	0.53	0.53	0.29	2	4	5	6	6	5	5	5	3	3	5	5	5	5	4	4	6	6	7	8	6	5	5	5	5	7	5	4	5	6	8
11/12	0.53	0.53	0.53	0.3	0.3	0.29	2	4	5	6	6	5	5	5	3	3	4	5	5	4	4	4	5	6	7	8	5	4	3	7	7	4	4	5	6	7	
1 & 2 Bravo	0.53	0.53	0.53	0.29	0.53	0.46	2	4	5	5	6	4	2	2	1	0.93	3	0.58	0.77	0.77	2	3	2	4	6	7	3	3	3	8	8	1	2	3	3	4	

# Houston Pilots Wind Report



**Example**

Sustained wind 13 Knots  
 Gusts 18 Knots  
 Wind from the N

WS: 13  
 G:18  
 N

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
<b>610 Bridge</b>	8 21 S	7 20 S	6 17 S	6 17 S	7 18 SSE	8 24 S	9 24 S	9 26 S	9 26 S	10 26 S	10 27 S	10 27 S	12 30 S	12 30 S	11 29 S	12 23 S	11 23 S	11 21 S	11 21 S	10 20 S	10 20 S	9 18 S	8 16 S	8 18 S	7 16 SSW	7 16 SSW	7 14 SSW	6 14 SW	6 12 WSW	7 13 W	7 11 WNW	7 11 NW	7 10 NNW	7 10 NW	6 10 NW	
<b>Kinder 1</b>	8 20 S	7 19 S	6 16 S	6 18 S	7 19 SSE	8 23 S	9 24 S	9 26 S	9 26 S	10 27 S	10 27 S	12 30 S	12 30 S	11 29 S	12 22 S	12 23 S	11 21 S	11 21 S	10 20 S	10 20 S	9 18 S	8 16 S	8 18 S	7 16 SSW	7 16 SSW	7 14 SSW	6 14 SW	6 12 WSW	7 12 W	7 11 WNW	7 11 NW	7 10 NNW	7 10 NW	6 10 NW		
<b>Greens Bayou</b>	7 17 SSE	6 15 SSE	6 15 SSE	5 17 SSE	7 19 SSE	8 21 S	9 24 S	9 25 S	9 25 S	10 26 S	11 28 S	12 29 S	12 30 S	11 29 S	12 22 S	12 22 S	11 21 S	11 20 S	10 19 S	10 19 S	9 18 S	8 16 S	8 17 S	7 16 SSW	7 16 SSW	7 15 SSW	6 15 SSW	6 12 WSW	7 12 W	7 11 WNW	7 11 NW	7 10 NNW	7 10 NW	6 10 NW		
<b>Shell Crude</b>	7 16 SSE	5 14 SSE	6 15 SSE	5 15 SSE	8 20 SSE	8 21 SSE	9 23 S	9 24 S	9 24 S	11 25 S	11 27 S	12 29 S	12 30 S	12 30 S	12 22 S	12 22 S	11 20 S	11 20 S	11 19 S	10 18 S	10 18 S	9 16 S	8 17 S	8 16 S	7 16 SSW	7 16 SSW	7 15 SSW	6 14 SSW	6 12 WSW	7 12 W	7 11 WNW	7 11 NW	7 10 NNW	7 10 NW	6 10 NW	
<b>Lynchburg Ferries</b>	7 15 SSE	5 14 SSE	7 15 SSE	6 14 SSE	8 20 SSE	8 20 SSE	9 22 SSE	9 23 SSE	9 23 S	11 26 S	11 28 S	12 28 S	12 29 S	11 28 S	12 21 S	12 22 S	11 20 S	11 20 S	11 19 S	10 19 S	10 19 S	9 18 S	8 17 S	8 16 S	7 16 SSW	7 16 SSW	7 15 SSW	6 14 SSW	6 13 SW	7 12 W	7 11 WNW	7 11 NW	7 10 NNW	7 10 NW	6 10 NW	
<b>Exxon 3</b>	7 14 SSE	6 13 SSE	7 15 SSE	6 13 SSE	9 19 SSE	9 18 SSE	8 21 SSE	9 23 SSE	9 23 SSE	10 24 S	11 26 S	12 28 S	12 27 S	11 27 S	12 21 S	12 21 S	11 20 S	11 20 S	11 19 S	10 19 S	10 19 S	9 18 S	8 17 S	8 16 S	7 16 SSW	7 16 SSW	7 15 SSW	6 14 SSW	6 13 SW	7 12 W	7 11 WNW	7 11 NW	7 10 NNW	7 10 NW	6 10 NW	
<b>Morgans Point</b>	5 14 SSE	6 14 SE	8 15 SSE	8 14 SSE	9 17 SSE	8 17 SSE	9 21 SSE	9 21 SSE	9 20 SSE	11 22 S	11 24 S	12 27 S	13 27 S	13 27 S	13 20 SSE	13 21 S	12 21 S	12 20 S	12 20 S	11 19 S	11 20 S	11 18 S	10 18 S	9 17 S	9 16 S	8 16 SSW	8 16 SSW	7 15 SSW	7 14 SSW	6 13 SSW	6 13 SSW	6 11 W	6 11 W	6 10 NW	6 10 NW	6 10 NW
<b>75/76</b>	6 14 SE	8 14 SE	10 16 SSE	10 15 SSE	9 17 SSE	10 17 SSE	10 20 SSE	10 20 SSE	10 20 SSE	12 21 SSE	12 22 S	13 24 S	13 24 S	15 27 SSE	13 27 SSE	13 21 S	13 21 S	13 20 S	13 20 S	13 20 S	13 20 S	12 19 S	11 18 S	11 18 S	10 17 S	10 17 S	9 16 SSW	9 16 SSW	8 15 SSW	8 14 SSW	7 13 SSW	7 12 SW	7 11 WNW	7 11 NW	7 10 NW	7 10 NW
<b>63/64</b>	8 16 SSE	9 16 SSE	11 17 SSE	11 17 SSE	11 18 SSE	11 19 SSE	11 19 SSE	11 19 SSE	11 19 SSE	12 20 SSE	12 22 S	13 24 S	13 24 S	15 27 SSE	14 27 SSE	14 20 S	14 20 S	14 20 S	14 20 S	14 20 S	14 20 S	13 19 S	13 19 S	13 18 S	12 17 S	11 17 S	11 16 SSW	11 16 SSW	10 15 SSW	9 14 SSW	9 13 SSW	8 12 SW	8 11 W	7 10 NW	7 10 NW	7 10 NW
<b>51/52</b>	9 18 SSE	11 18 SSE	12 18 SSE	12 18 SSE	11 18 SSE	11 18 SSE	12 19 SSE	12 19 SSE	12 17 SSE	11 16 S	12 19 S	12 19 S	13 21 S	13 21 S	15 24 SSE	16 24 SSE	14 20 S	14 20 S	14 20 S	14 20 S	14 20 S	14 19 S	13 18 S	13 18 S	12 17 S	11 17 S	11 16 SSW	11 16 SSW	11 15 SSW	10 14 SSW	9 13 SSW	9 12 SSW	8 11 W	7 10 NW	7 10 NW	7 10 NW
<b>37/38</b>	11 20 SSE	12 20 SSE	12 18 SSE	12 18 SSE	12 19 SSE	12 19 SSE	12 17 SSE	12 16 SSE	12 16 SSE	13 18 S	13 19 S	14 21 S	14 21 S	15 23 S	16 23 SSE	15 21 S	15 21 S	15 20 S	15 20 S	14 19 S	14 19 S	14 18 S	13 17 S	13 17 S	12 16 S	11 16 SSW	11 16 SSW	11 15 SSW	10 14 SSW	9 13 SSW	9 12 SSW	8 11 W	7 10 NW	7 10 NW	7 10 NW	
<b>25/26</b>	12 21 SSE	12 20 SSE	11 18 SSE	11 19 SSE	11 19 SSE	11 18 SSE	12 17 SSE	12 16 SSE	12 16 SSE	13 18 S	13 19 S	14 21 S	14 21 S	15 23 S	16 23 SSE	15 21 S	15 21 S	15 20 S	15 20 S	14 19 S	14 19 S	14 18 S	13 17 S	13 17 S	12 16 S	11 16 SSW	11 16 SSW	11 15 SSW	10 14 SSW	9 13 SSW	9 12 SSW	8 11 W	7 10 NW	7 10 NW	7 10 NW	
<b>11/12</b>	12 22 SSE	11 21 SSE	11 19 SSE	11 21 SSE	10 18 SSE	10 18 SSE	11 20 SSE	11 17 SSE	10 16 SSE	10 16 SSE	11 17 S	11 18 S	13 22 S	14 23 S	14 23 S	15 21 S	15 21 S	15 20 S	15 20 S	14 19 S	14 19 S	14 18 S	13 17 S	13 17 S	12 15 S	11 16 SSW	11 16 SSW	11 15 SSW	10 14 SSW	9 13 SSW	9 12 SSW	8 11 W	7 10 NW	7 10 NW	7 10 NW	
<b>1 &amp; 2 Bravo</b>	13 24 SSE	11 22 SSE	10 20 SSE	11 21 SSE	10 19 SSE	10 20 SSE	11 18 SSE	10 17 SSE	10 17 SSE	11 16 SSE	11 17 SSE	12 20 SSE	13 21 SSE	14 22 SSE	14 22 SSE	15 22 SSE	15 22 SSE	15 21 S	15 21 S	15 20 S	15 20 S	15 19 S	14 18 S	14 18 S	13 17 S	12 16 S	11 16 SSW	11 16 SSW	11 15 SSW	10 14 SSW	9 13 SSW	9 12 SSW	8 11 W	7 10 NW	7 10 NW	7 10 NW

# Houston Pilots: Mon. 1/2/2023



## Forecast Discussion

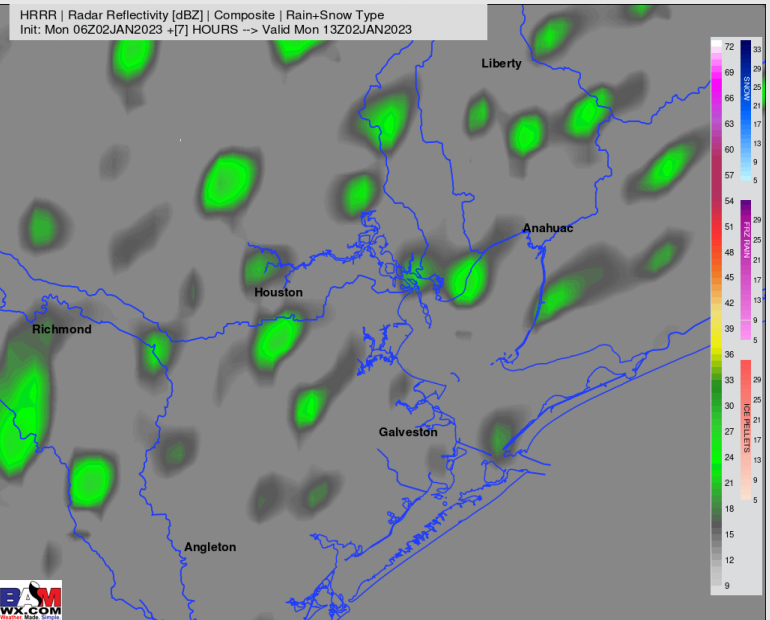
**Precip:** Through the day, there will be on and off pockets of drizzle to very light rain showers. Most of the day will keep the fog and low clouds around, which will keep the light precip potential into the forecast. Total precip through the day would be less than 0.10". Currently favoring any strong storm threat in the afternoon to sit N of our stations.

**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 10-15 kts across all stations (18-23 knots near boarding station). After 3 PM winds at the boarding station run the biggest risk of sitting 20-25 knots sustained, however there is slightly lower confidence on just how high winds can reach.

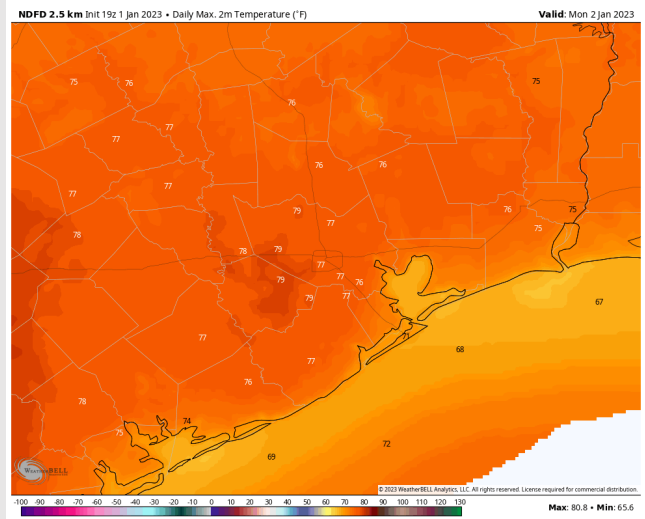
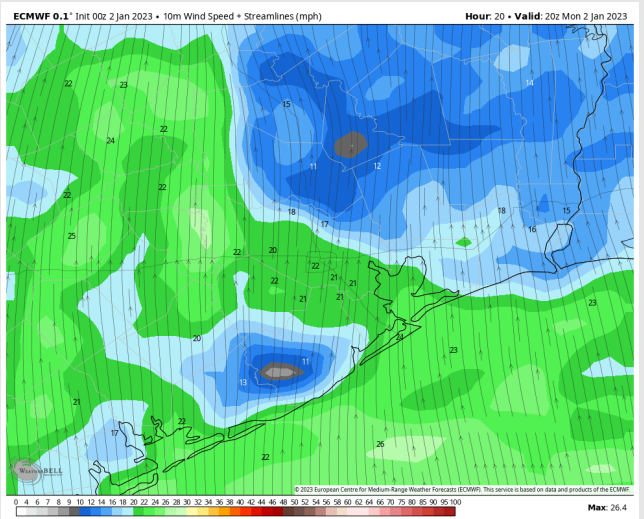
**Temps:** High temperatures Monday will be in the mid 70s F north of Morgan's Point, and in the upper 60s to low 70s F south of Morgan's Point.

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

## Precip Forecast: 8 AM CT



Wind Speed  
3 PM CT



High Temps  
Monday

# Houston Pilots: Tues. 1/3/2023



## Forecast Discussion

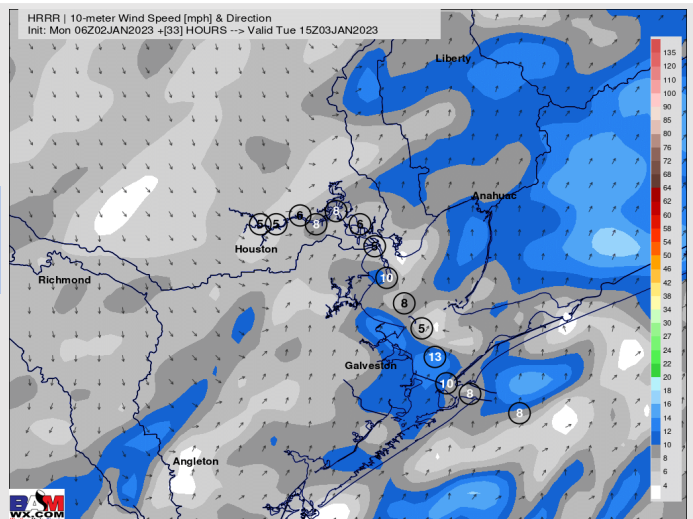
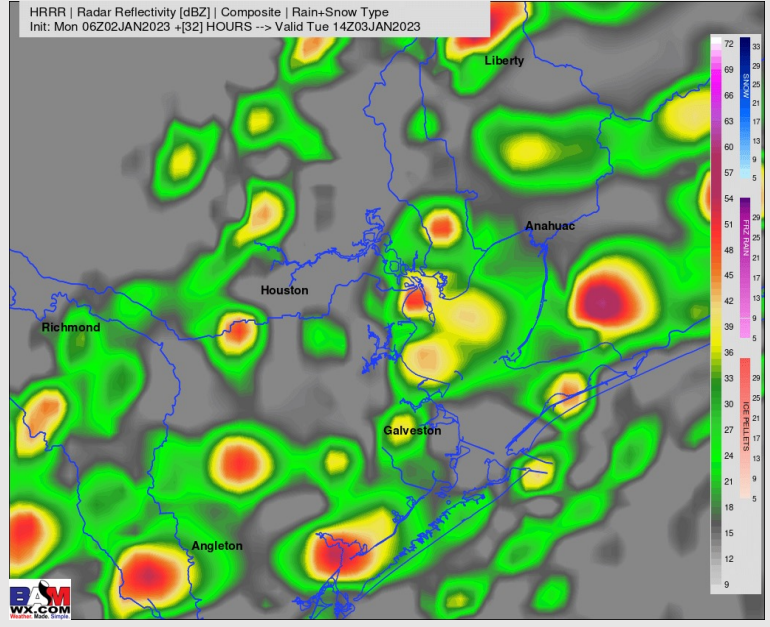
**Precip:** Showers and thunderstorms to continue through the early morning until more widespread coverage comes through 9 - 11 AM. After ~Noon, favoring dry conditions for the rest of the day. A few stronger storms with gusts 20-25+ knots cannot be ruled out.

**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.

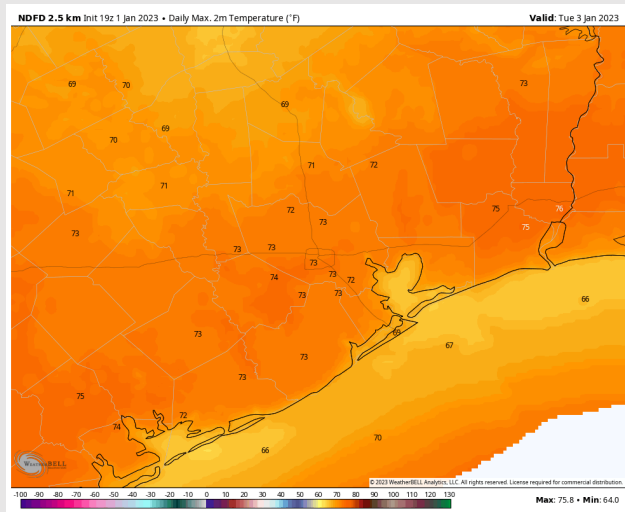
**Temps:** High temperatures on Tuesday will be upper 60s F near the Boarding Station and lower 70s F for all other stations.

**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

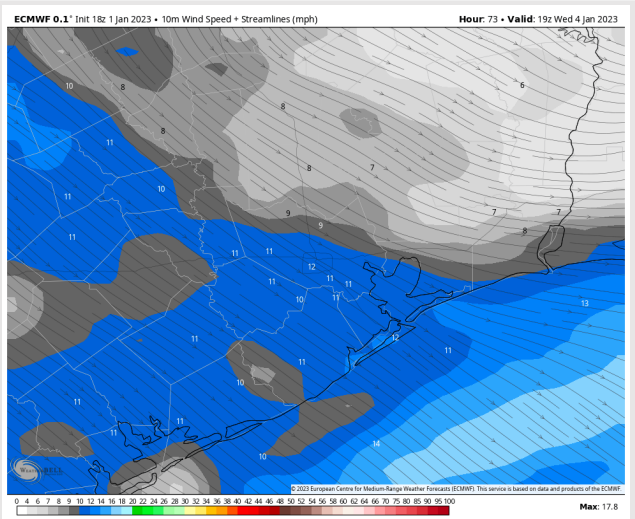
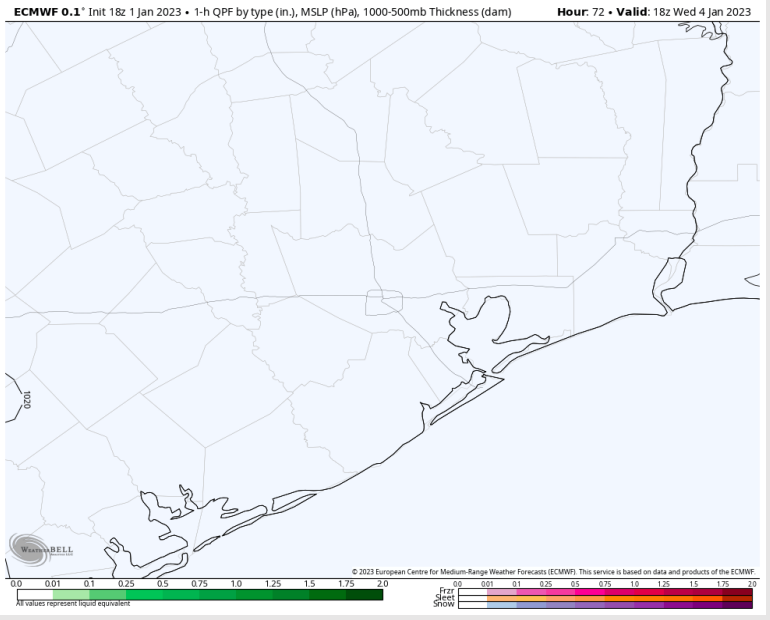
**Precip:** Favoring a dry day for Wednesday.

**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.

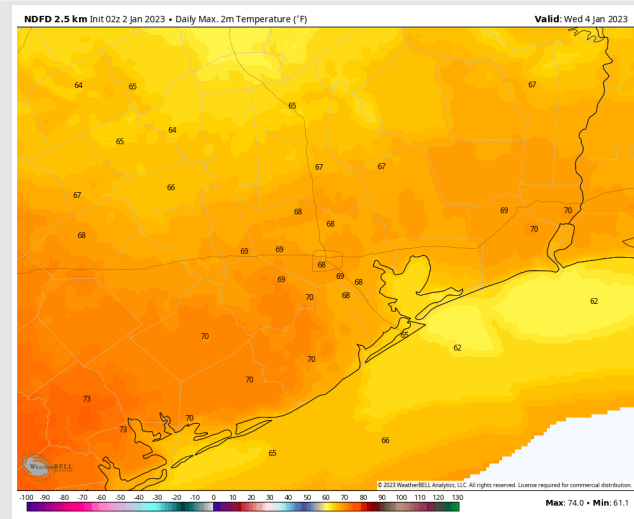
**Temps:** High temperatures Monday will be in the upper 60s F north of Morgan’s Point and in the mid to lower 60s F south of Morgan’s Point.

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

## Precip Forecast: 12 PM CT

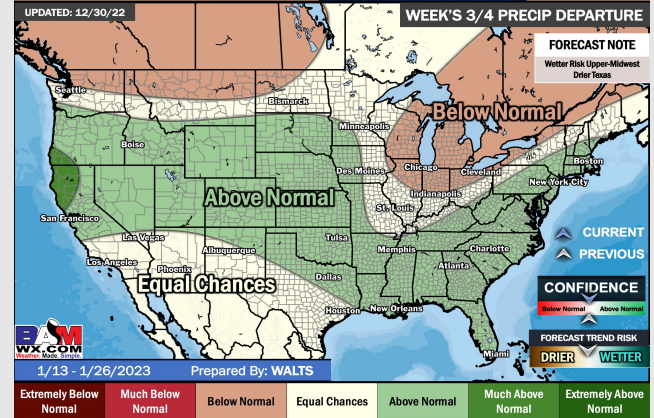
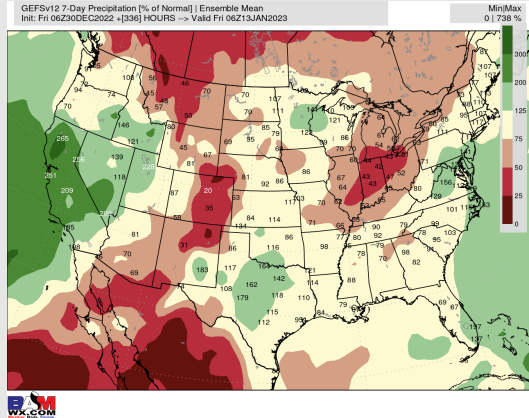
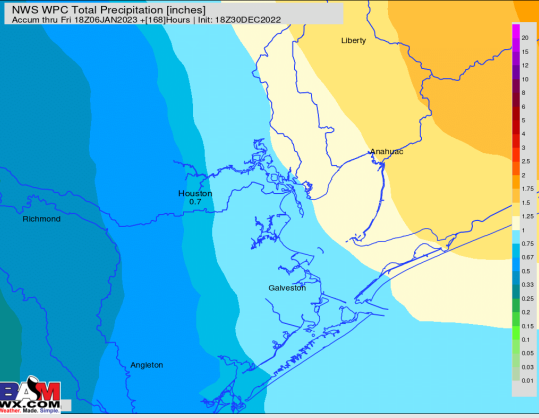
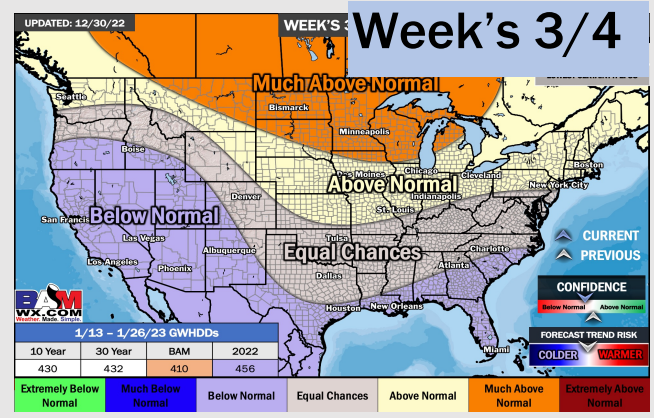
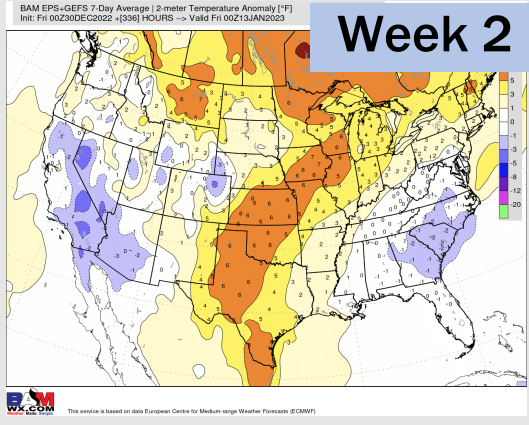
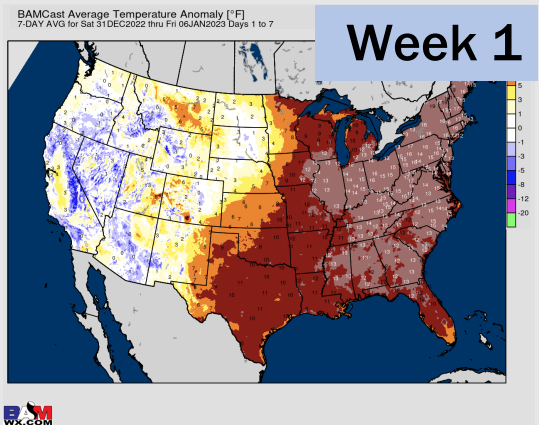


Wind Speed  
1 PM CT



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.