

Houston Pilots Forecast Package



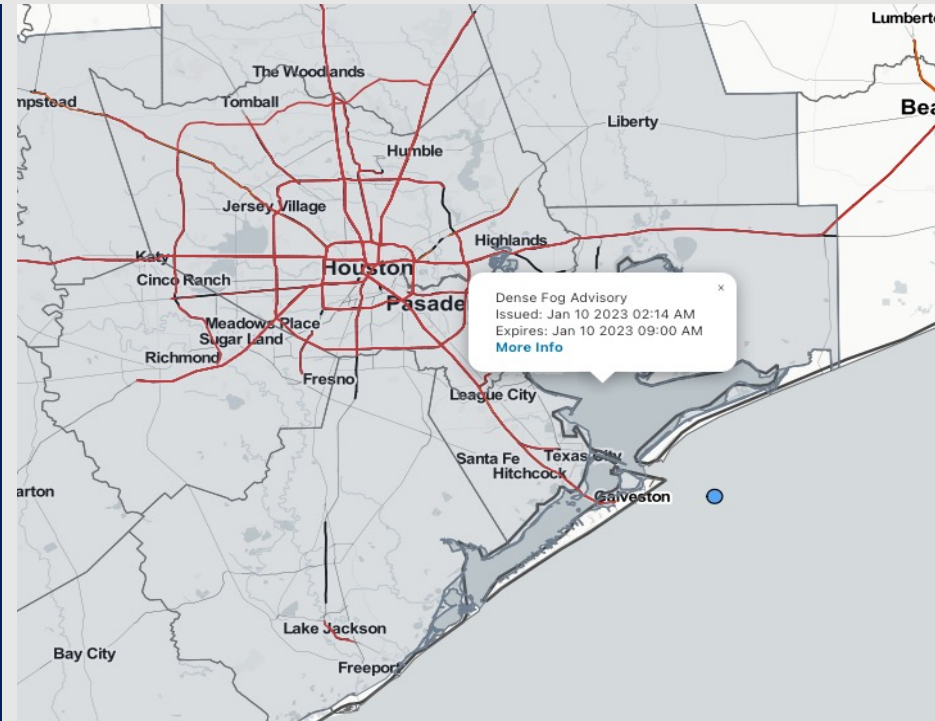
Updated: 5:00 AM CT

Tuesday, January 10, 2023

Forecaster: Vince Bryan

Weather Headlines

- **Expecting fog to be something to watch into tomorrow before a front works through the area Thursday Morning. More on our fog slides below.**
- Favoring a primarily dry stretch over the next several days with a couple pockets of low-end shower chances.
- Wednesday could have a few wind gusts of up to 20 kts during the afternoon. Thursday looks to have the highest winds in the range of 10- 20 kts sustained with gusts in the 25 - 30 kt range possible thanks to the passing front.
- Wave heights over 4-5 feet not expected out through Friday.



Radar/NWS Alerts: 5:00 AM CT



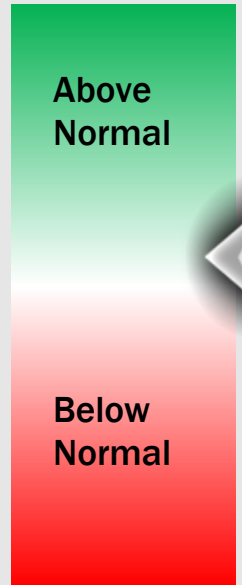
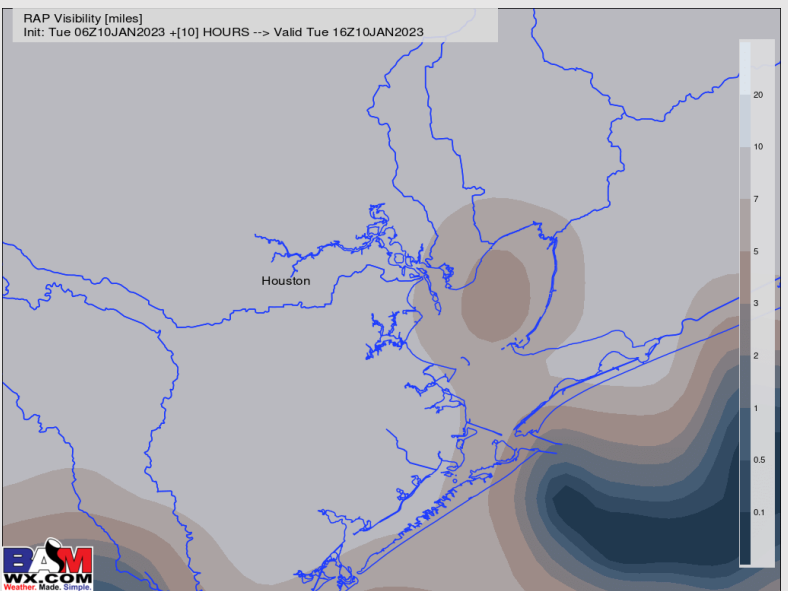
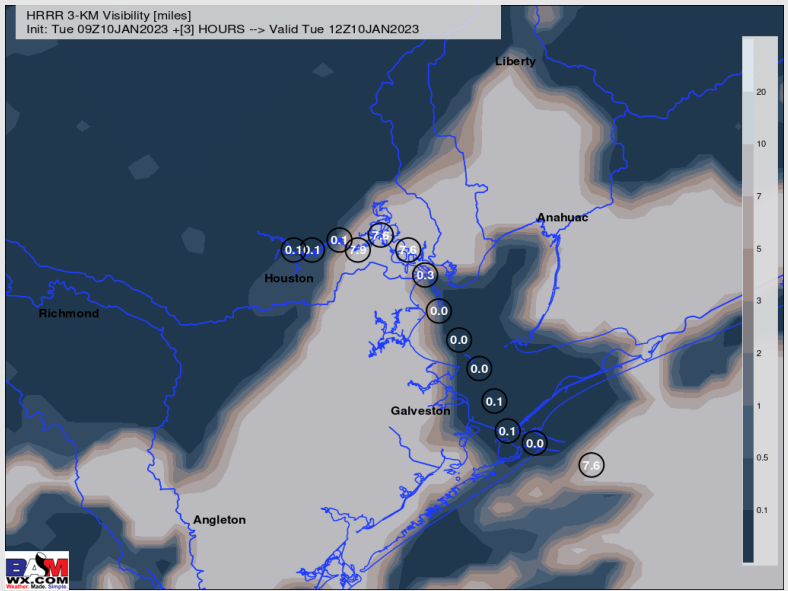
As always, please do not hesitate to reach out to us with any forecast questions via the chat option on the Weather Porthole or our on-call number, **(317)-560-8122** press 1 for forecast questions.

Houston Pilots Visibility Report



7 AM CT TUE VISIBILITY 10 AM CT TUE VISIBILITY

Confidence



TIMEFRAME DISCUSSED	THREAT
CURRENT - 5 PM TUE	MEDIUM - HIGH

- Fog ongoing across most of the stations, with nearby areas reporting visibilities between 0.5 – 2.5 miles (higher visibilities currently at the boarding station). We expect this to continue through 8 AM. From 8 AM – 10 AM anticipating fog to *slowly* be lifting with improvements in visibility by 10 AM.
- While fog is still possible for 11/12 & the boarding station, the better threat this AM for more widespread fog comes for stations north.
- Some data tries to linger fog south of Morgan's Point between 10 AM – 3 PM. And while that is a risk, we are not in favor of that at this time but is certainly worth monitoring. This period is the lowest confidence part of the forecast.
- See slide below for the next fog threat that works into the picture this evening.

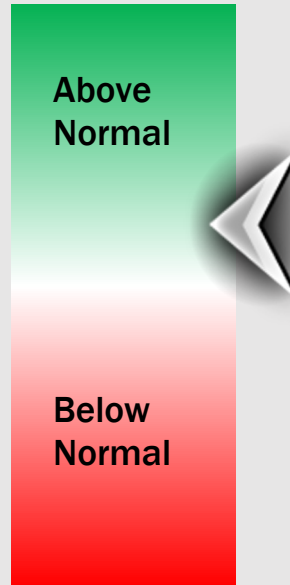
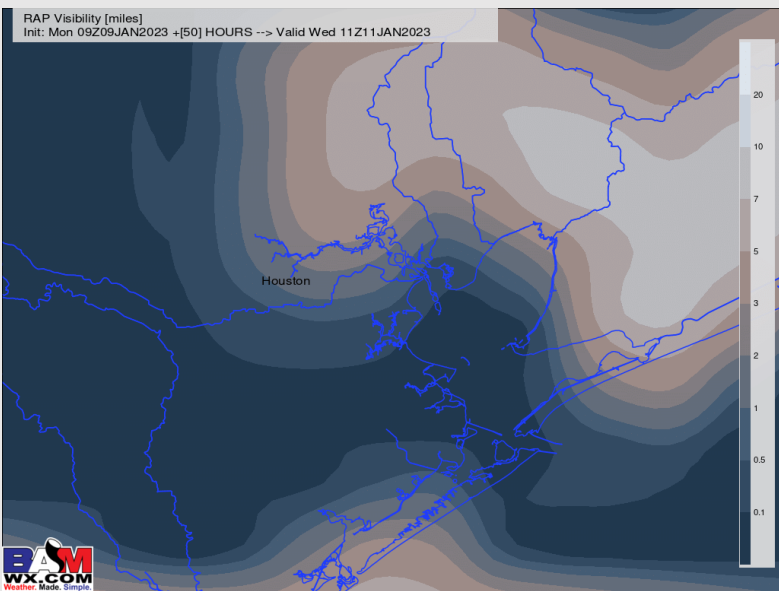
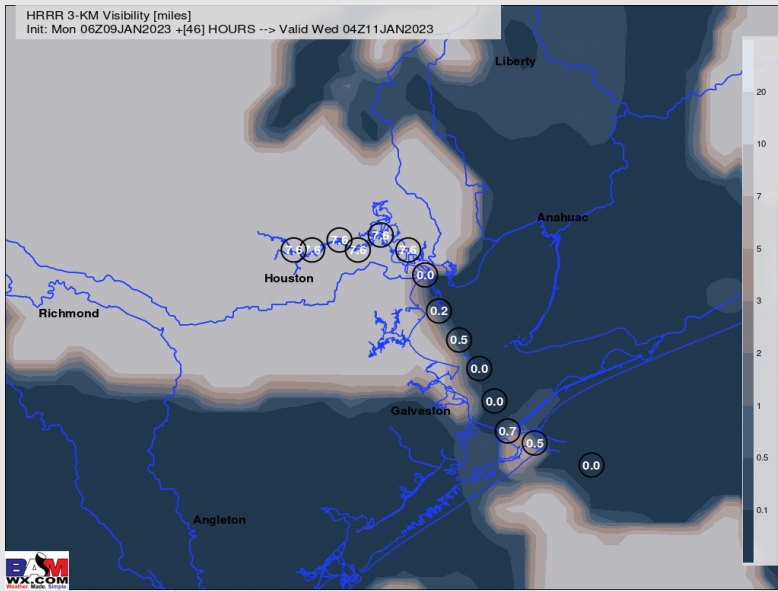
Houston Pilots Visibility Report



9 PM CT TUE VISIBILITY

5 AM CT WED VISIBILITY

Confidence



TIMEFRAME DISCUSSED	THREAT
6 PM TUE – 11 AM WED	MEDIUM-HIGH

- Confidence is higher than average that we will be dealing with another round of fog tonight into tomorrow AM, however a bit of uncertainty on the exact start time of this development.
- Current thinking is that fog can start to re-build into the area starting as early as 6-7 PM Tuesday, and then continue into the morning hours of Wednesday through at least 8-9 AM.
- Between 1 – 5 AM Wed is when the *best* risk will be for the most dense fog at any station.
- While there may be some areas that are not locked in fog all evening/overnight, all stations will be at play for this fog threat. Fog looks to lift during 8 – 10 AM timeframe with some fog lingering until 11 AM.

Houston Pilots Extended Range Visibility Report



Friday 1/13/23

Winds look to be from the N/NW on Friday making fog unlikely.



Saturday 1/14/23

Northerly winds in the AM will shift from the SE to S during the late evening.



Sunday 1/15/23

Winds will be from the S to SSW on Sunday, but the low levels of the atmosphere look too dry to support fog. This will need to be monitored.



Chance for Reduced Visibility

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

Houston Pilots Visibility Report



Time	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	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
610 Bridge	4	4	0.48	0.42	0.42	0.36	1	6	10	10	10	10	10	10	10	10	10	8	6	6	4	2	0.52	0.42	0.28	0.28	0.28	0.28	0.28	0.28	2	5	9	10	10	10
Kinder 1	4	4	0.48	0.42	0.42	0.38	1	6	10	10	10	10	10	10	10	10	10	8	7	6	5	2	1	1	1	0.28	0.28	0.62	1	2	5	8	10	10	10	
Greens Bayou	4	4	0.48	0.39	0.39	0.36	1	6	10	10	10	10	10	10	10	10	10	8	7	6	5	4	2	3	2	0.28	0.28	1	2	2	6	8	10	10	10	
Shell Crude	4	4	0.48	0.38	0.38	0.38	1	6	10	10	10	10	10	10	10	10	10	8	7	8	8	7	2	3	3	0.28	0.28	2	3	2	7	9	10	10	10	
Lynchburg Ferries	5	3	0.48	0.31	0.29	0.41	1	6	10	10	10	10	10	10	10	10	10	8	7	8	8	7	2	3	3	0.28	0.28	2	3	2	7	9	10	10	10	
Exxon 3	5	3	0.48	0.45	0.29	0.41	1	6	10	10	10	10	10	10	10	10	10	8	7	8	8	7	2	3	3	0.28	0.28	2	3	2	7	9	10	10	10	
Morgans Point	5	3	0.48	0.29	0.41	0.41	1	6	10	10	10	10	10	10	10	10	10	8	8	8	8	7	2	3	3	0.8	0.64	4	3	2	7	9	10	10	10	
75/76	5	3	0.48	1	0.53	0.41	1	6	10	10	10	10	10	10	10	10	10	8	8	8	8	7	1	3	3	1	1	4	3	2	7	9	10	10	10	
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Houston Pilots Wind Report



Confidence



Example

Sustained wind 13 Knots
Gusts 18 Knots
Wind from the N

WS: 13
G:18
N

Time Knots	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	Tue 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	
610 Bridge	2	2	1	2	2	3	4	4	5	6	6	7	7	7	6	6	6	6	6	7	7	7	7	6	6	6	6	6	6	7	7	9	10	11	11	12	12
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Kinder 1	1	2	1	2	2	2	3	4	5	6	6	7	7	6	6	6	6	6	6	7	7	7	7	6	6	6	6	6	7	7	9	10	11	11	12	12	
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Greens Bayou	1	2	2	1	1	2	2	3	5	6	6	7	7	6	5	6	6	6	6	7	7	7	7	6	6	6	6	6	6	7	9	10	11	11	12	12	
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Shell Crude	1	2	1	2	1	1	1	2	5	6	6	7	7	6	5	6	6	6	6	7	7	7	7	6	6	6	6	6	6	7	9	10	11	11	12	12	
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Lynchburg Ferries	1	2	2	2	1	1	1	1	4	5	6	6	6	5	4	6	6	6	6	7	7	7	7	6	6	6	6	6	6	7	9	9	11	11	11	12	
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Exxon 3	1	2	1	2	1	1	0	0	3	4	5	5	6	6	4	6	6	6	7	7	7	7	7	6	6	6	6	6	6	7	8	9	11	11	11	12	
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Forecast Discussion

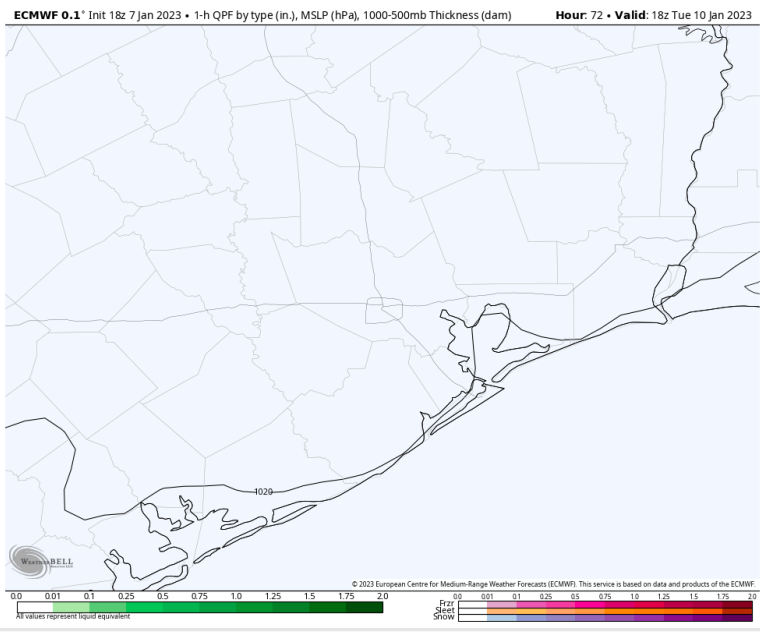
Precip: Anticipating a dry day today with a 10-20% chance for an isolated shower from 12PM – 4 PM. Outside of this, expecting quiet conditions.

Wind: Winds will be generally out of the E/SE this AM, however there is likely come variance given some lighter winds to start the day. Winds across all stations will be at 3 – 7 kts until 2 PM. After 2 PM winds South of Morgan’s point will increase to 5 – 10 kts and remain as such for the rest of the evening (with occasional gusts to 10-15 knots). Direction turns more out of the SW also after 2 PM.

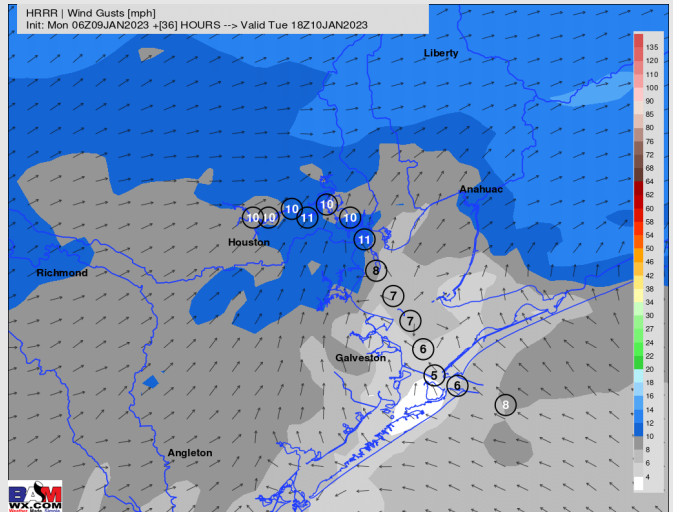
Temps: High temperatures Tuesday will be in the mid 70s F north of Morgan’s Point and in the mid to upper 60s F south of Morgan’s Point.

Visibility: Please see visibility slides above for more of a fog breakdown.

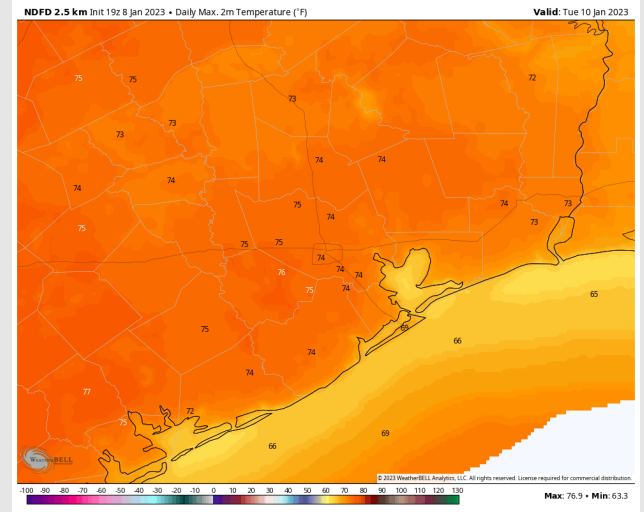
Precip Forecast: 12 PM CT



Wind Speed
1 PM CT



High Temps
Today



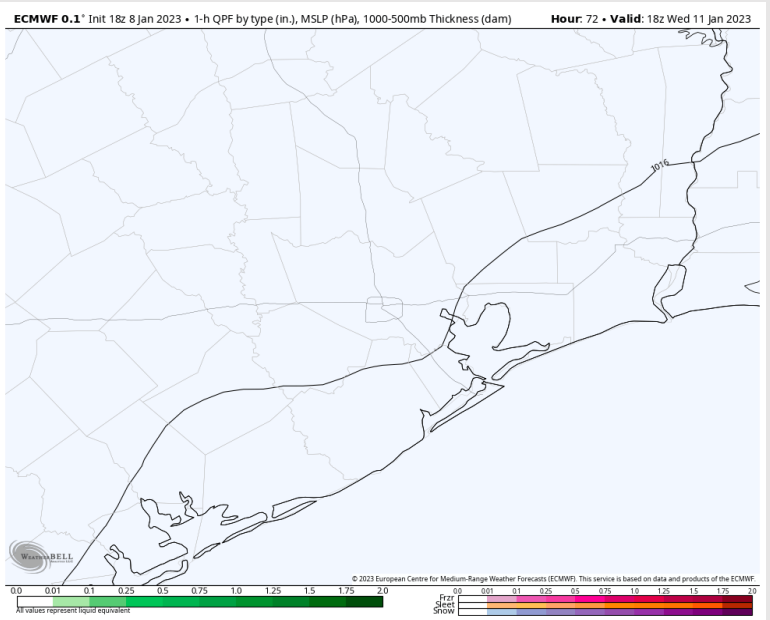
Houston Pilots: Wed. 1/11/2023



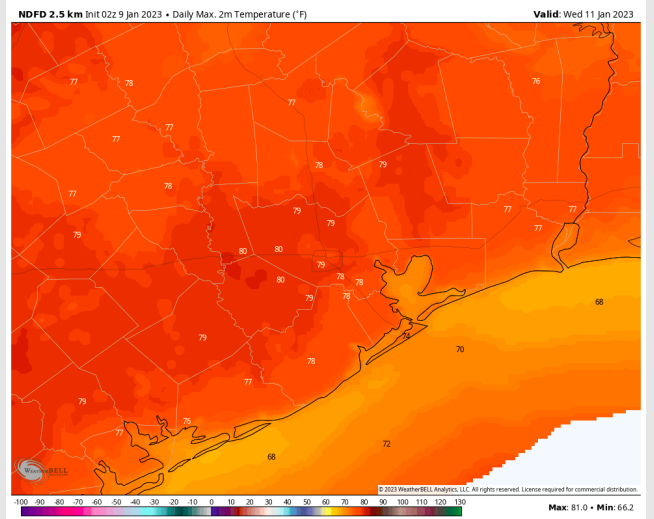
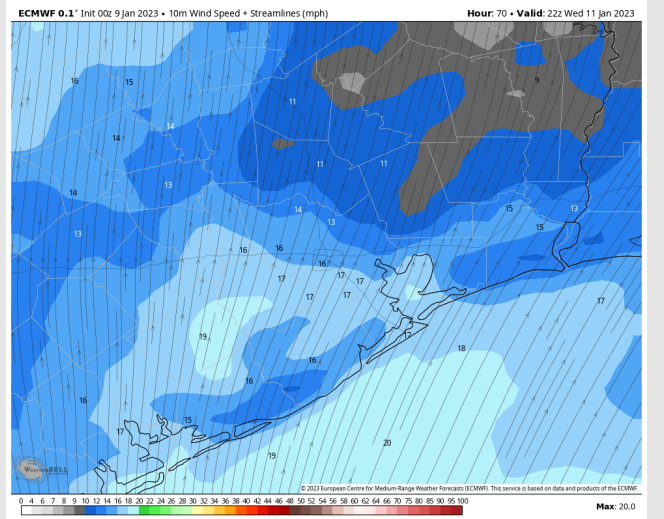
Forecast Discussion

- Precip:** Anticipating a dry day for Wednesday.
- Wind:** Sustained winds out of the SW for the entire day. Winds will start out at 8 – 13 kts across all stations and pickup around 9 AM to 10 – 15 kts through 7 PM. **Wind gusts of up to 20 - 25 kts will be possible across all stations mainly after 11 AM.**
- Temps:** High temps Wednesday will be in the upper 70s F north of Morgan’s Point and in the mid 70s F south of Morgan’s Point with Boarding Station temps near 70 F.
- Visibility:** **More information on the visibilities slide above regarding fog.**

Precip Forecast: 12 PM CT



Wind Speed
12 PM CT



High Temps
Wednesday

Houston Pilots: Thur. 1/12/2023



Forecast Discussion

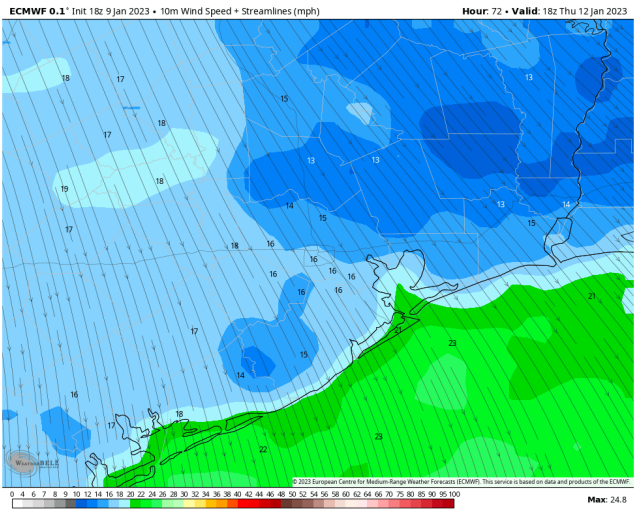
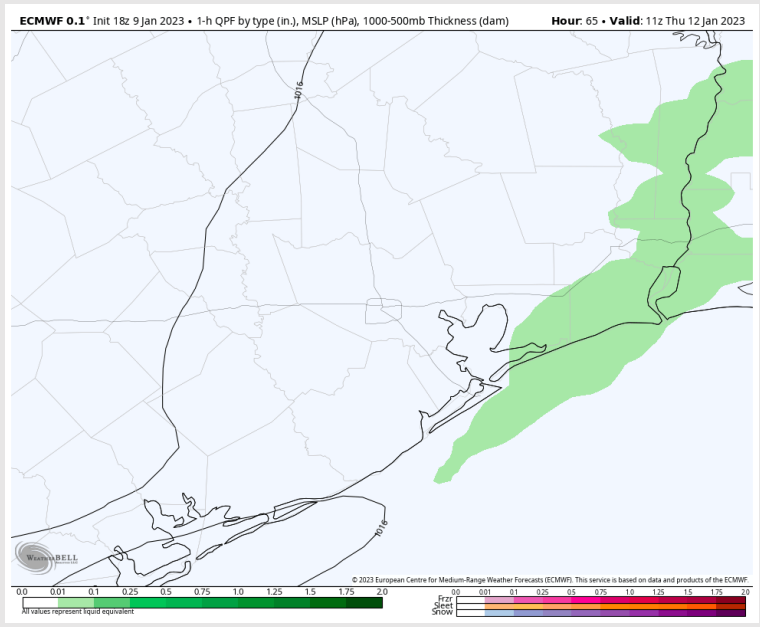
Precip: Anticipating a dry day for the most part with a 30% chance for a passing shower between 4 AM – 8 AM.

Wind: Sustained winds will start from the SW in the AM and shift from the NW by 8 AM as a front pushes through. Winds north of Morgan’s Point will range from 10 – 16 kts (even after the front pushes through) and south of Morgan’s point will be more elevated at 12 – 20 kts. **Wind gusts could reach as high as 25 kts across all stations from 10 AM – 4 PM. Wind gusts will be highest at the Boarding Station, where gusts could reach 30 kts during the 5 PM – 11 PM timeframe.**

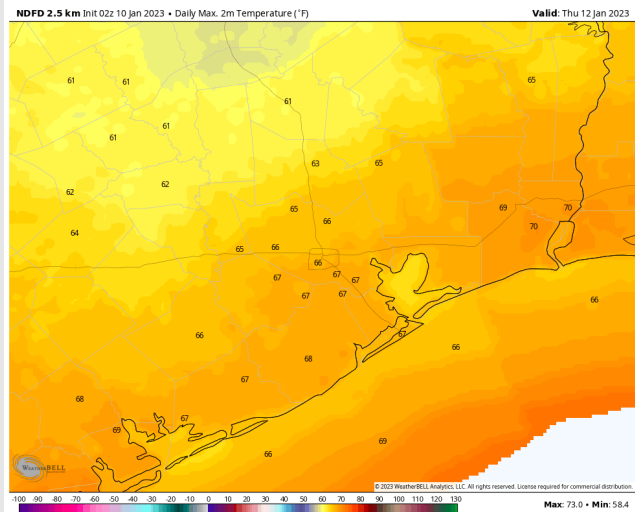
Temps: High temperatures Thursday will be in the mid 60s F across all stations.

Visibility: Fog is not likely to occur for the daytime hours Thursday as the front passes.

Precip Forecast: 5 AM CT

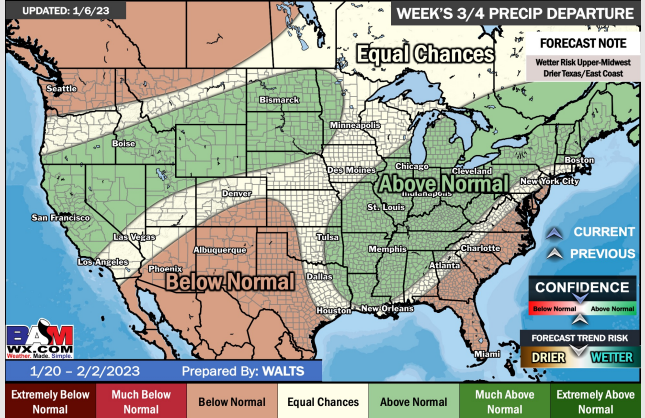
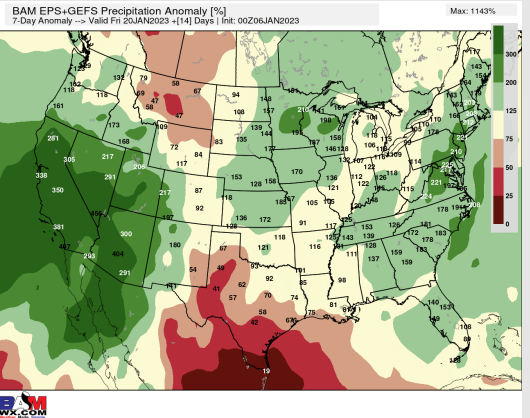
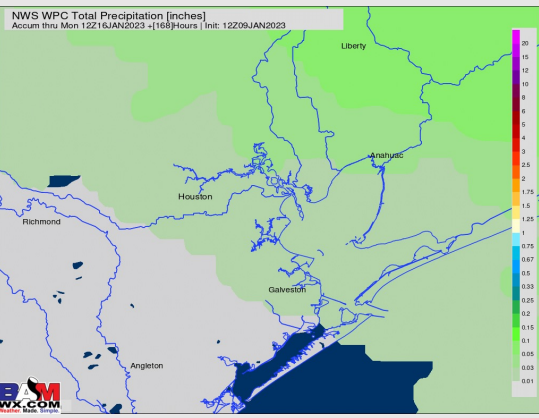
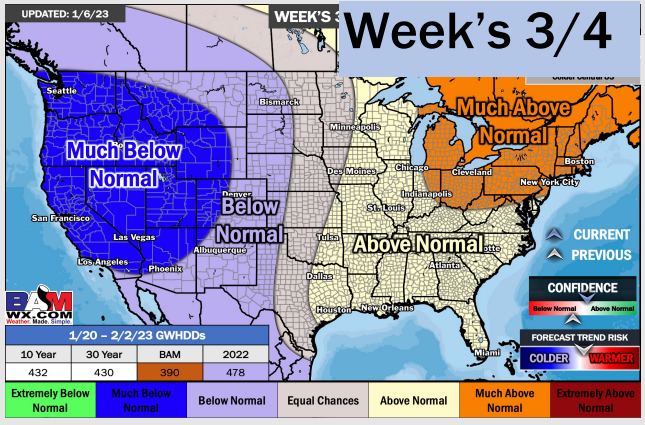
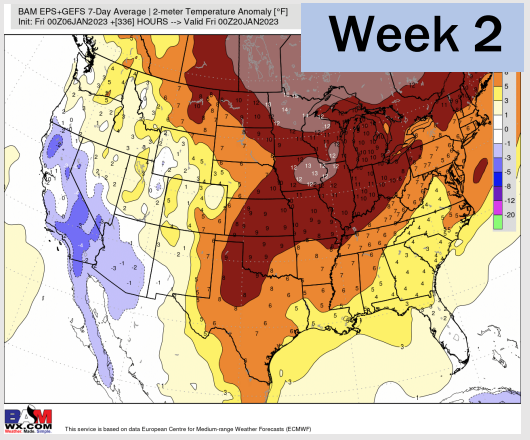
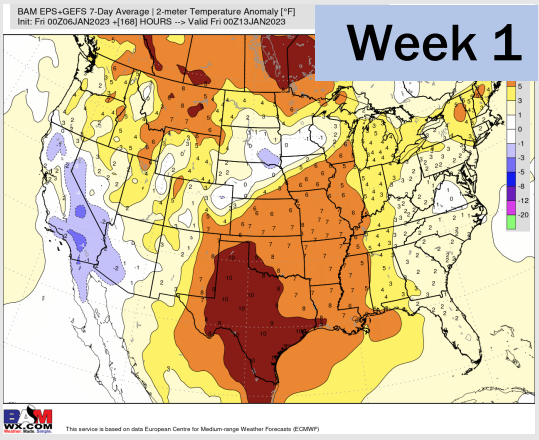


Wind Speed
12 PM CT



High Temps
Thursday

Houston Pilots: 1/10/23



- Expecting some low end rain chances for the middle of the week, however overall drier weather moving forward. 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 above normal.
- Near normal precipitation chances and warmer weather is expected in the weeks 3/4 timeframe.