

Houston Pilots Forecast Package



Updated: 12:40 AM CT

Tuesday, January 23, 2024

Forecaster: Tyler Riggles

Weather Headlines

- Scattered to hit/miss showers continue today with more widespread threats entering WED AM.
- Winds generally become slightly calmer over the next few days however conditions will be breezy this evening.
- **Sea fog threats continuing into Wednesday morning with fog often times mixing in with rain. Lower confidence exists for exact coverage. Please see visibility slide for more info.**



Radar/NWS Alerts: 12:33 AM CT

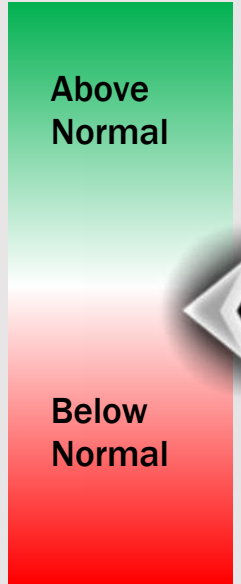
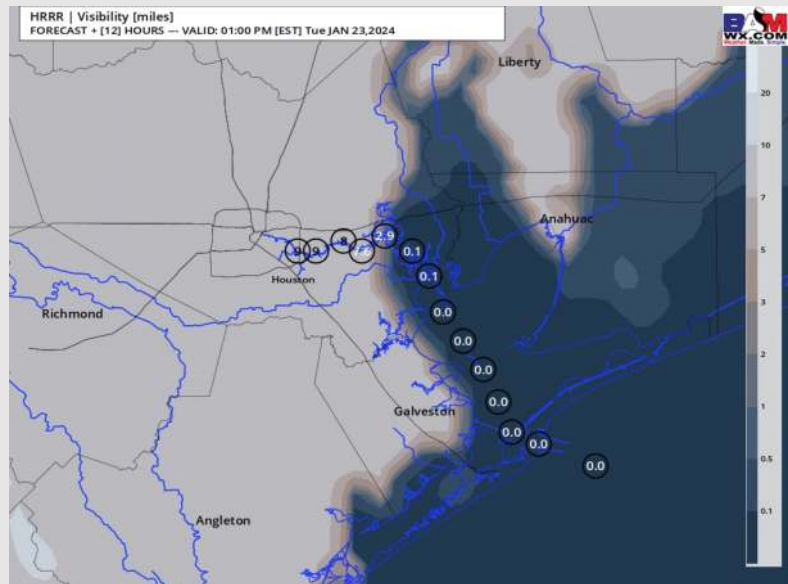
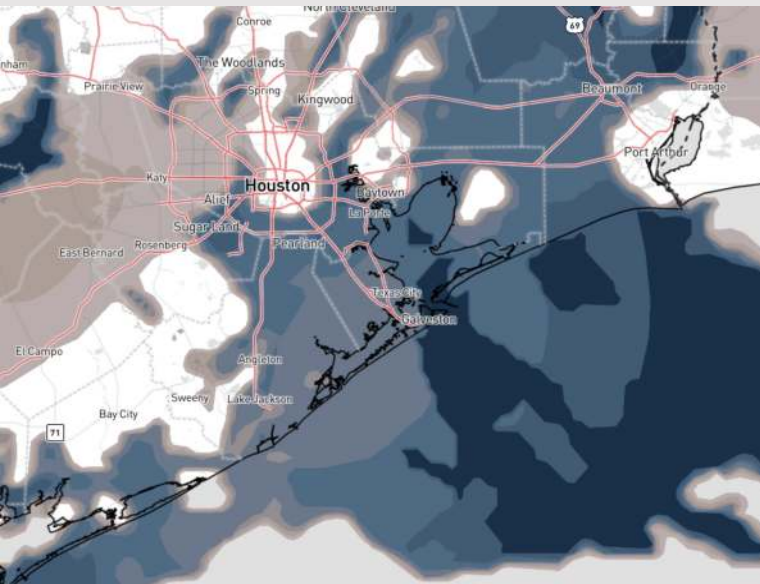


As always, please do not hesitate to reach out to us with any forecast questions via the chat option on the Weather Porthole or our on-call number, **(317)-560-8122** press 1 for forecast questions.

Houston Pilots Visibility Report



CURRENT VISIBILITY as of 5:15 AM Model Visibility at 12 PM-CT TUE Confidence



TIMEFRAME DISCUSSED	THREAT
CURRENT - 6 AM WED	High

- Widespread dense fog of 1-2 miles with locally less than 0.5 miles will continue across the HOU area TUE AM.
- **North of Morgan's Point:** Once we get towards the 7 AM CT timeframe, stations N of Morgan's Point can start to see activity taper off through 12-1 PM CT before visibilities can increase above 3-4 miles. Patchy risk to continue through the remaining PM hours with best chances returning towards the 9-10 PM timeframe.
- **South of Morgan's Point:** Widespread Dense fog to continue for stations S of Morgan's Point through at least the 12 PM timeframe. While there can be some breaks in coverage between 12-4 PM CT TUE, majority of locations will continue to see widespread receded visibilities of 1 mile or less through the remainder of TUE.
- Wednesday Morning will see a return of dense fog at all locations through 6 AM CT WED. Once we get beyond 6 AM CT, widespread moderate/heavy rain moves in, however patchy fog can remain a threat in between heavier downpours throughout WED>

Houston Pilots Extended Range Visibility Report



Friday 1/26/24

Monitoring potential for patchy to widespread fog, especially during the AM hours on Friday.



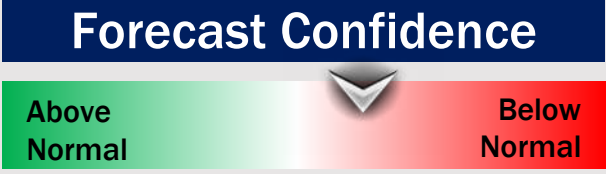
Sunday 1/28/24

No visibility concerns favored for Sunday.



Saturday 1/27/24

Monitoring potential for patchy to widespread fog, especially during the AM hours on Saturday.



Chance for Fog

Friday AM	Likely
Friday PM	Possible
Saturday AM	Likely
Saturday PM	Possible
Sunday AM	Unlikely
Sunday PM	Unlikely

Houston Pilots Visibility Chart (miles)



Forecast Confidence



Time	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	Wed 12am	Wed 1am	Wed 2am	Wed 3am	Wed 4am	Wed 5am	Wed 6am	Wed 7am	Wed 8am	Wed 9am	Wed 10am	Wed 11am			
610 Bridge	2	0.84	0.37	0.37	0.73	1	2	2	1	2	3	4	5	6	6	7	6	5	5	4	4	3	2	2	2	2	2	2	1	2	2	1	0.94	1	2	2			
Kinder 1	2	0.84	0.37	0.37	0.73	1	2	2	1	2	3	4	5	6	6	6	6	5	5	5	4	4	3	3	3	3	2	2	3	2	2	1	0.94	1	3	2			
Greens Bayou	1	1	0.34	0.34	0.6	1	2	2	1	2	3	4	5	6	6	6	6	5	5	5	4	4	3	4	4	4	2	2	3	2	2	2	1	1	3	2			
Shell Crude	1	1	0.32	0.32	0.5	1	2	2	1	2	3	4	5	5	6	6	6	5	4	5	4	4	3	4	4	4	2	2	3	2	2	2	1	1	3	2			
Lynchburg Ferries	1	1	0.36	0.36	0.5	1	1	1	1	2	2	4	5	5	6	6	6	5	4	5	4	4	3	4	4	4	2	2	3	2	2	2	1	1	3	2			
Exxon 3	1	1	0.72	0.72	0.72	1	1	1	1	2	2	4	5	5	6	6	6	5	4	5	4	4	3	4	4	4	2	2	3	2	2	2	1	1	3	2			
Morgans Point	2	0.91	0.72	0.72	0.72	1	1	1	1	2	2	4	5	5	6	6	6	5	4	5	4	4	3	4	4	4	2	2	3	2	2	2	4	1	3	2			
75/76	2	1	0.72	0.72	1	3	2	1	1	2	2	4	5	5	6	6	6	5	4	5	4	4	2	4	4	4	2	2	3	2	2	1	3	1	3	2			
63/64	2	1	0.72	0.72	1	3	3	1	1	2	2	4	5	6	6	6	6	6	4	4	4	3	2	3	3	4	2	2	3	2	2	1	4	1	3	2			
51/52	2	1	0.72	0.72	1	3	3	1	1	2	2	4	6	6	7	9	6	6	5	4	4	3	2	3	3	4	2	2	3	2	2	1	4	1	2	2			
37/38	2	1	0.72	0.72	1	3	3	1	1	2	3	4	6	6	7	9	6	6	5	4	4	3	2	2	2	2	3	2	2	2	2	2	1	3	1	2	2		
25/26	2	1	0.72	0.95	1	3	3	1	1	2	3	4	6	6	7	9	6	6	5	4	3	3	2	2	2	2	2	2	2	2	2	2	1	1	1	2	2		
11/12	2	1	0.72	0.95	1	2	3	1	1	2	3	4	6	6	7	9	6	6	5	4	3	3	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	2	2
1 & 2 Bravo	2	1	0.72	0.72	2	1	1	1	1	2	3	4	5	4	5	5	3	2	1	2	1	1	1	0.89	0.58	1	1	1	1	1	1	2	1	0.77	0.89	1	2		

NOTE: This is automated data that may/may not agree with the official BAM thinking that's found on the daily slides or special visibility report slides. This data should be used as a guide only

Houston Pilots Wind Chart



Forecast Confidence



Example

Sustained wind 13 Knots
Gusts 18 Knots
Wind from the N

WS: 13
G:18
N

Time Knots	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	Wed 12am	Wed 1am	Wed 2am	Wed 3am	Wed 4am	Wed 5am	Wed 6am	Wed 7am	Wed 8am	Wed 9am	Wed 10am	Wed 11am	
610 Bridge	5	5	5	5	5	5	6	6	7	9	9	10	11	12	12	12	12	11	10	15	9	7	6	5	5	5	5	5	5	6	5	5	4	4	5	5	6
Kinder 1	5	5	5	5	5	5	6	6	7	9	9	10	11	11	11	12	11	11	9	9	7	6	5	5	5	5	5	5	6	5	5	4	4	5	5	6	
Greens Bayou	5	5	5	5	5	5	6	6	7	8	9	10	11	11	11	11	11	10	9	8	6	5	5	5	5	5	5	6	5	5	4	4	5	5	5		
Shell Crude	5	5	5	5	5	5	6	6	7	8	9	10	11	11	11	11	10	10	8	8	6	6	5	5	5	5	5	6	5	5	4	4	5	5	5		
Lynchburg Ferries	5	5	5	5	6	6	6	7	8	8	9	10	11	11	11	11	11	10	8	8	7	6	6	5	5	5	5	6	6	5	5	5	5	5	5		
Exxon 3	6	5	5	6	6	6	7	7	8	8	10	10	10	11	11	11	11	10	8	8	7	6	6	5	6	5	5	6	6	5	5	5	5	5	5		
Morgans Point	6	6	6	6	7	7	8	9	9	9	10	10	10	11	11	11	11	11	9	9	8	7	6	6	6	6	6	6	6	6	6	6	6	6	6		
75/76	7	7	7	7	8	8	9	11	11	11	11	11	11	11	11	11	11	12	11	10	9	8	8	7	8	7	7	8	7	8	8	7	8	7	6		
63/64	8	7	7	8	8	9	10	11	11	11	11	11	11	11	11	11	11	12	11	10	9	8	8	7	8	8	7	8	8	7	8	8	8	7	8		
51/52	8	7	6	7	8	9	9	11	11	11	11	11	11	11	11	11	11	11	10	9	8	8	7	7	8	7	8	8	7	7	7	7	7	7	6		
37/38	7	7	6	7	7	8	9	10	11	11	11	11	11	11	11	11	11	10	9	8	7	7	7	7	7	7	7	8	8	7	6	7	7	7	7		
25/26	7	6	6	6	7	7	8	9	10	10	10	11	11	11	11	10	10	9	9	8	7	7	7	7	7	7	7	7	8	6	6	7	7	7	7		
11/12	7	7	6	7	7	8	9	10	10	10	10	11	11	11	10	10	10	9	9	8	7	7	7	7	8	8	7	8	8	9	7	6	7	8	7		
1 & 2 Bravo	9	9	8	8	9	9	11	11	11	11	12	12	12	11	11	11	11	11	10	10	10	9	9	9	9	9	10	11	10	11	9	8	8	9	8	8	

NOTE: This is automated data that may/may not agree with the official BAM thinking that's found on the daily slides or special visibility report slides. This data should be used as a guide only

Houston Pilots: Tue. 01/23/2024



Forecast Discussion

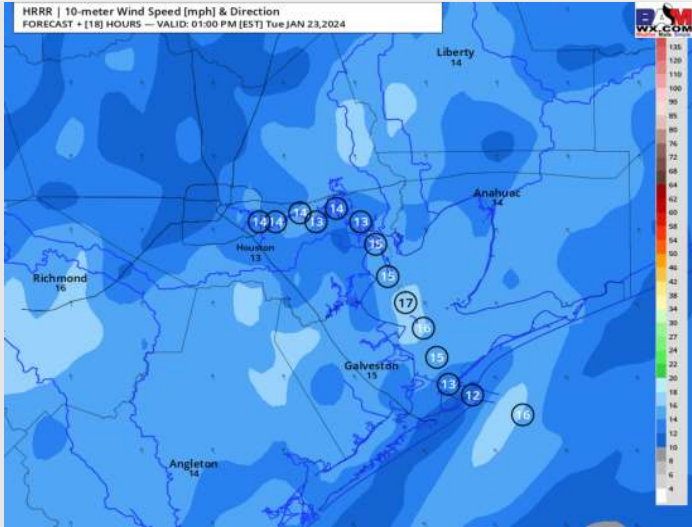
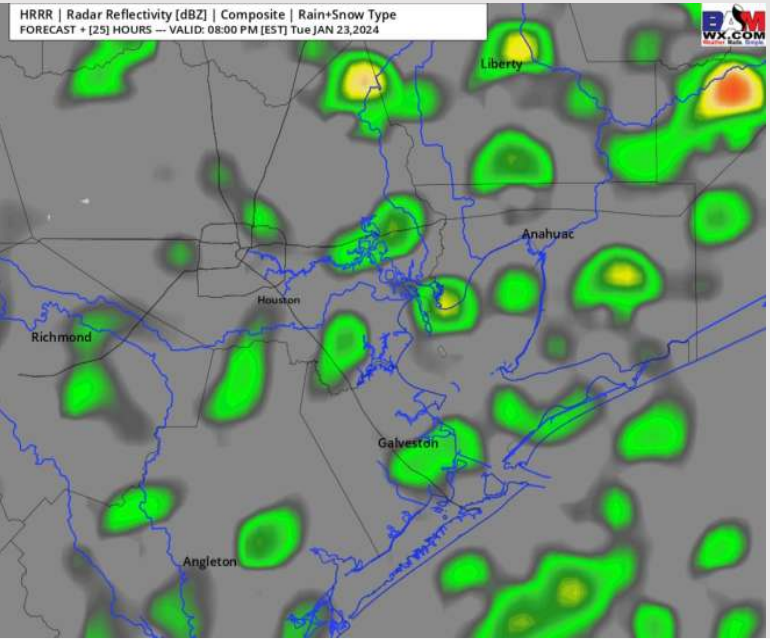
Precip: Scattered rain showers to continue through ~1 PM. After 1 PM, hit/miss pockets of rain will be possible, however better coverage will remain to the N/W.

Wind: Winds out of the SE the entire day. **N of Morgan's Point:** 4-9 kts through 12 PM before an increase to 9-14 Kts. **S of Morgan's Point:** 8-13 kts through 4 PM before a slight increase to 11-16 kts

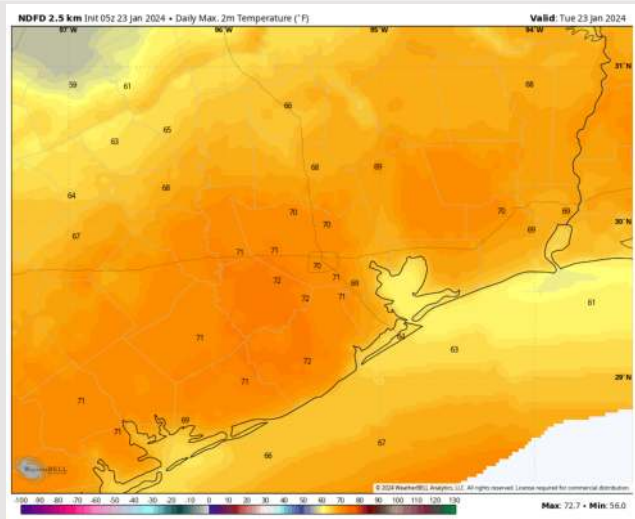
High Temps: **N of Morgan's Point:** Near 70 F **S of Morgan's Point:** Low 60s F

Visibility: Widespread fog continues to be a threat for all Stations this morning. Additional patchy risks expected this evening in gaps between showers. See Visibility Slide.

Precip Image: 7 PM CT



Wind Speed:
12 PM CT



High Temps
Today

Forecast Discussion

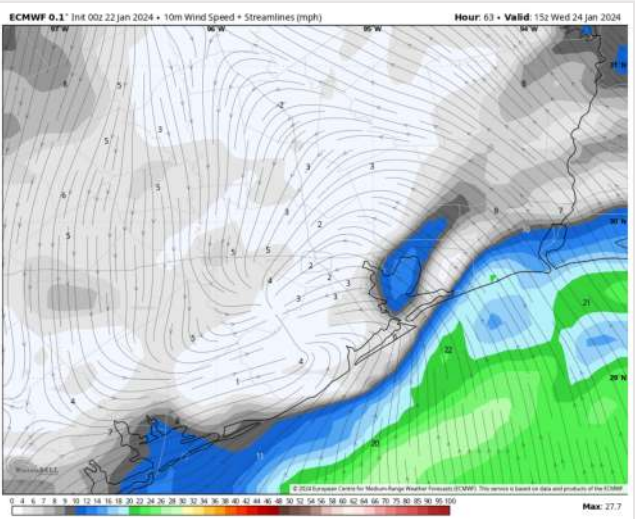
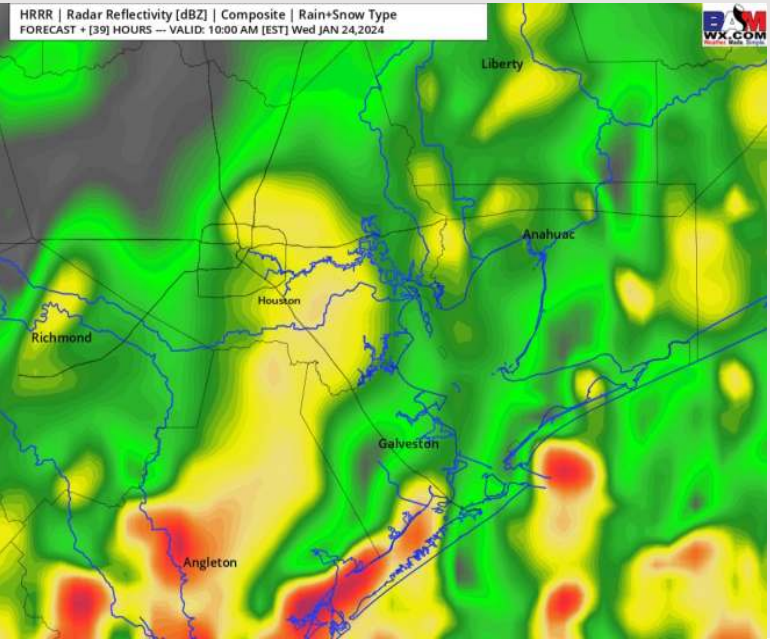
Precip: Scattered showers (60-70%) enter the area shortly after 12 AM and impact all Stations through 5 PM. After 5 PM, hit/miss showers (30-40%) remain for Stations S of 51/52 through the remainder of the evening.

Wind: Winds will variable in direction throughout the day. **N Morgan's Point:** Winds will be 3-8 kts throughout the day. **S of Morgan's Point:** Winds at 7-12 kts in the early AM will decrease to 4-9 kts by 12 PM. Winds at the Boarding Station will remain slightly higher at 5-10 kts.

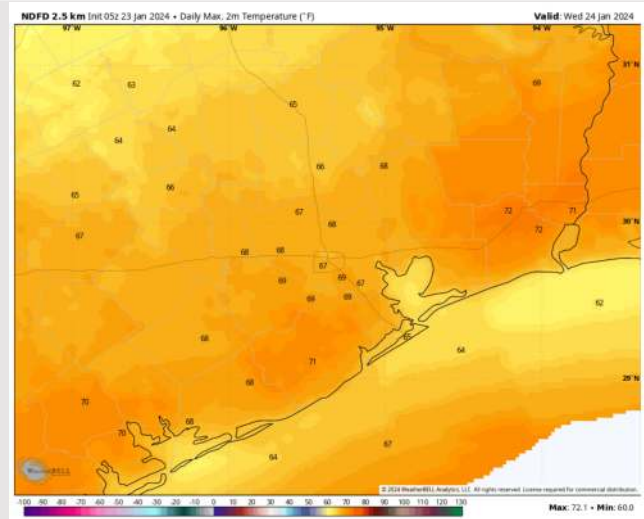
High Temps: **N of Morgan's Point:** Low 70s F. **S of Morgan's Point:** Mid 60s F.

Visibility: Monitoring potential for patchy fog to occur in gaps between showers Wednesday AM, however showers and winds will aid in mixing the atmosphere.

Precip Image: 9 AM CT



Wind Speed:
9 AM CT



High Temps
Wednesday

Houston Pilots: Thu. 01/25/2024



Forecast Discussion

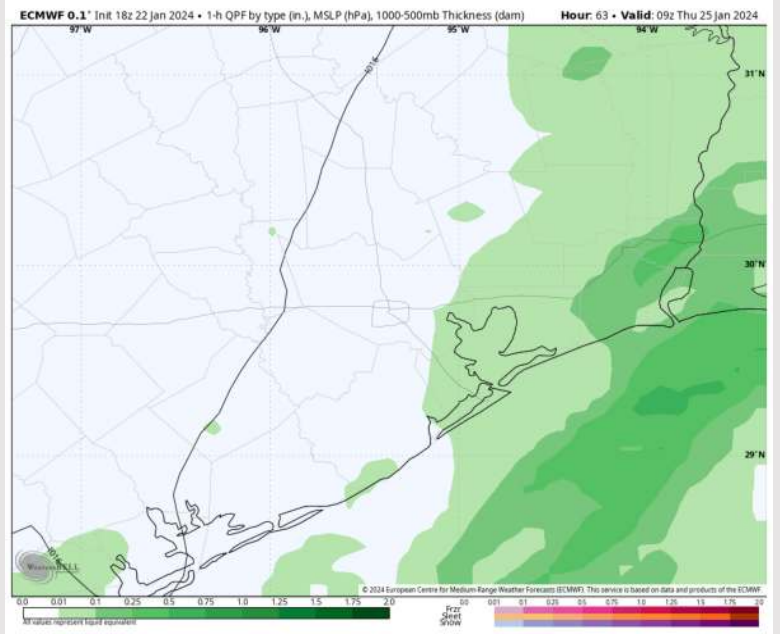
Precip: Scattered showers in the early AM will gradually taper off by 5 AM, leaving dry conditions for the remainder of the day.

Wind: Winds settle out of the NNW by 7 AM, then become variable once more after 4 PM. **N Morgan's Point:** 3-8 kts throughout the day. **S of Morgan's Point:** 5-10 kts through 12 PM, decreasing to 3-8 kts after that time.

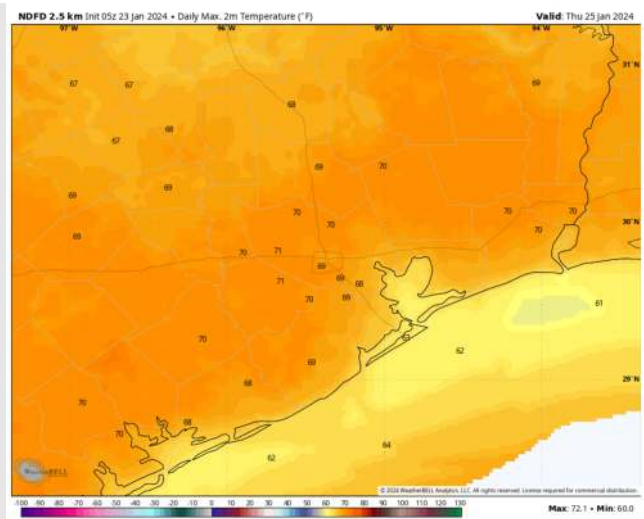
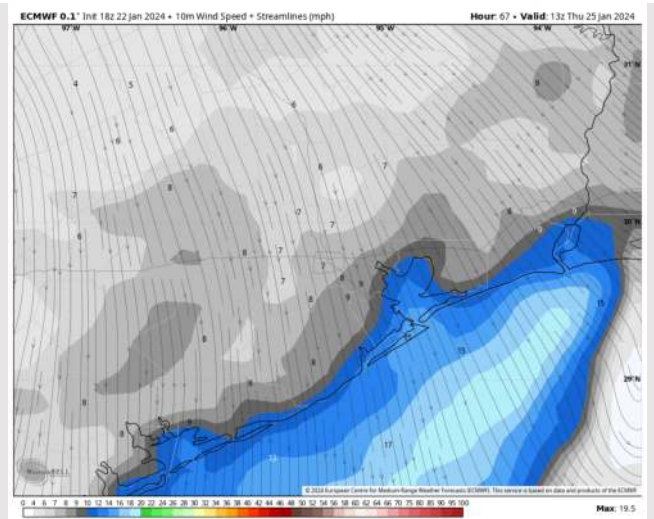
High Temps: **N of Morgan's Point:** Upper 60s F. **S of Morgan's Point:** Low 60s F.

Visibility: Monitoring potential for patchy to widespread fog, especially during the AM hours with start time dependent on exit of rain chances across the area

Precip Image: 3 AM CT



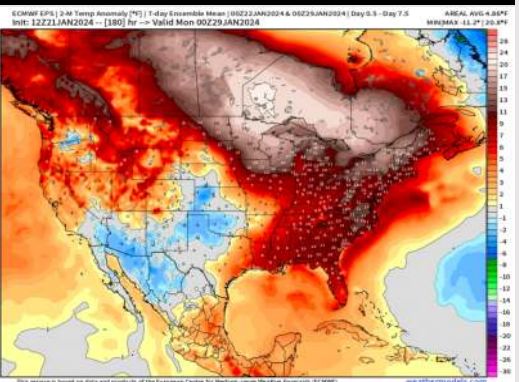
Wind Speed:
7 AM CT



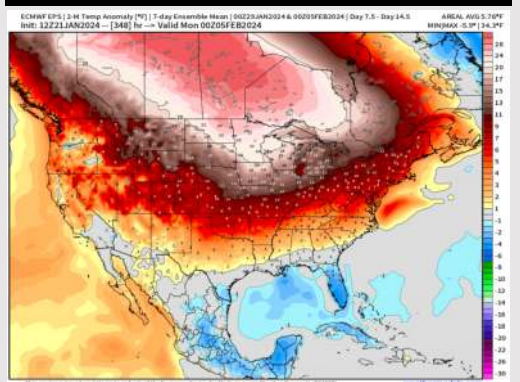
High Temps
Thursday

Houston Pilots: 1/23/24

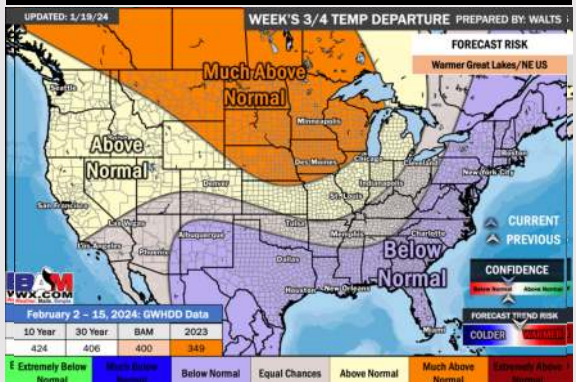
Next 7 Day Temperature Departure



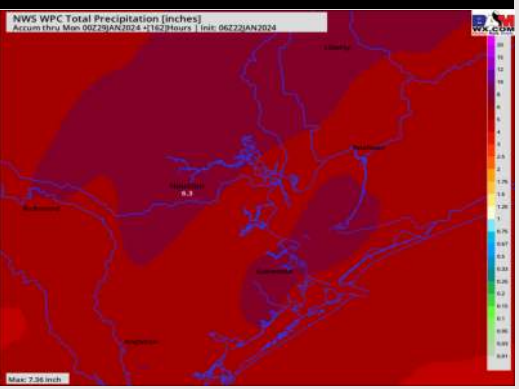
8-14 Day Temperature Departure



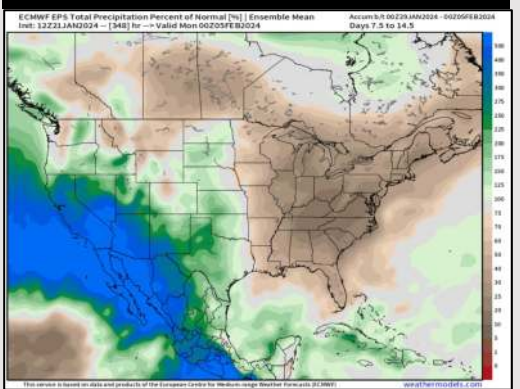
15-30 Day Temperature Departure



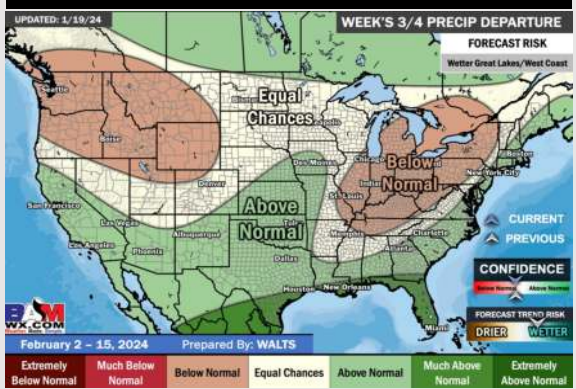
Next 7 Day Total Precipitation



8-14 Day % of Average Precip.



15-30 Day % of Average Precip.



- Downpours today through Thursday can yield rainfall amounts of 3 - 5" + rain. Above normal temperatures favored for the week ahead.
- Slightly below to seasonal rain chances are expected for the week 2 timeframe. Temps expected to become seasonal for the week 2 timeframe.
- Below normal temperatures and above normal chances for precipitation are favored in the weeks 3/4 timeframe.