

Houston Pilots Forecast Package



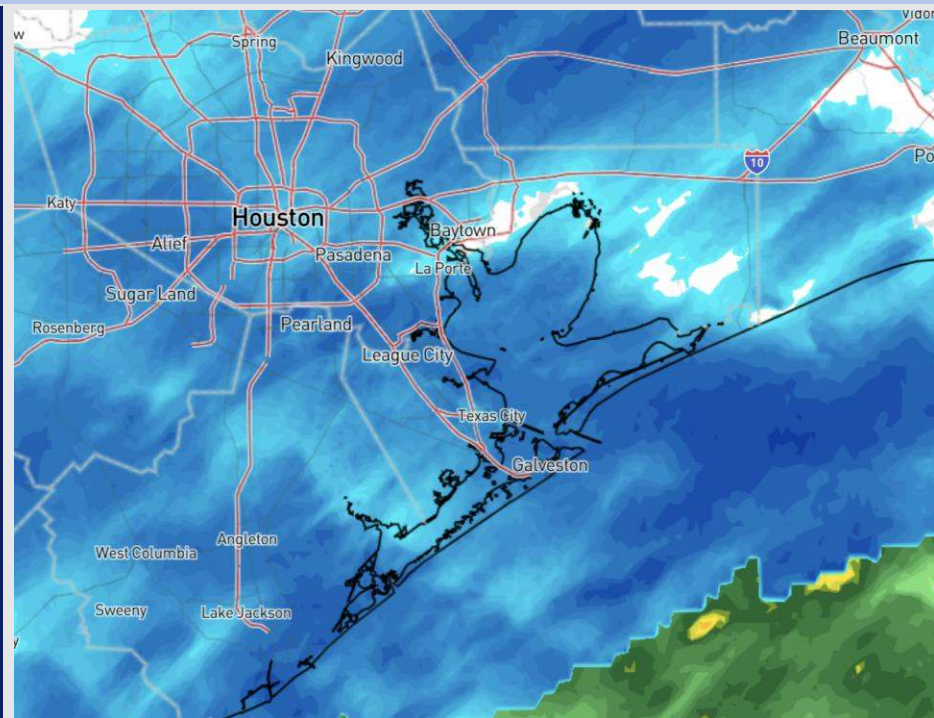
Updated: 6:30 AM CT

Tuesday, January 21, 2025

Forecaster: Alyssa Elliott

Weather Headlines

- **A Winter Storm will impact the region through the midday hours today. Check the Winter Weather Potential slide for more info.**
- **Zulu Port Conditions are in effect for 34+ kt sustained winds and wave heights 6+ ft. Check Port Trigger and Wave Height Slides for more information.**
- **[Zulu Port Trigger Video](#)**
- **Visibilities can be reduced under wintry precip this AM. Patchy fog concerns return WED and THU AM. Check [Reduced Visibility Forecast slides](#) for more info.**



Current Radar: 6:30 AM CT

As always, please do not hesitate to reach out to us with any forecast questions at **(317)-560-8122**. Press **1** for forecast questions.

You can also access real-time forecast updates and 24/7 meteorological chat assistance on your [Clarity](#) app. Click [here](#) for login assistance.



Houston Pilots Port Trigger Update

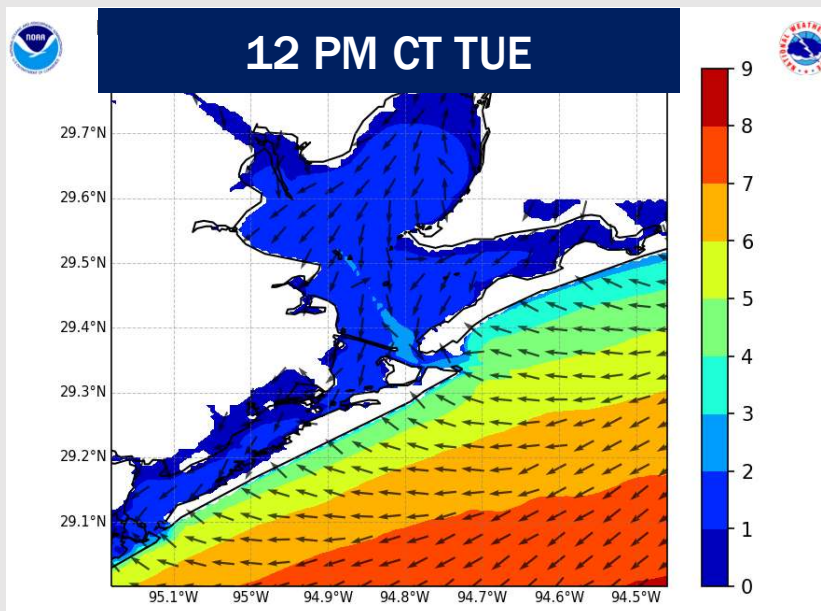
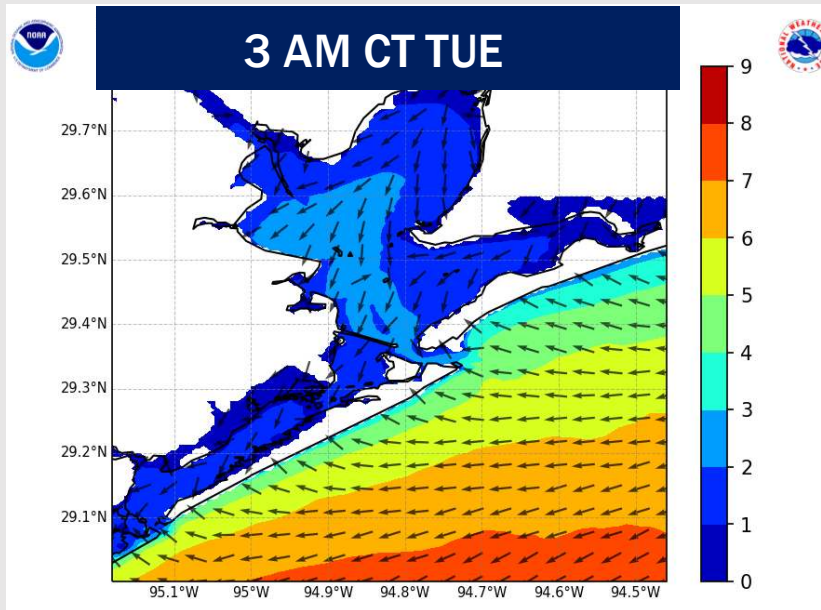


Port Condition	34 KTS+ Sustained Wind Trigger Reached at:	6 Foot Wave Trigger Reached at:	Time Remaining/Trigger Ends At:
Victor	---	---	---
Whiskey	---	---	---
X-Ray	---	---	---
Yankee	---	---	---
Zulu	CURRENT	CURRENT	12 AM CT WED

Port Condition	Trigger Definition	Trigger Reached?
Victor	Hurricane entering/developing in Gulf of Mexico that's a threat to the area	N/A
Whiskey	72 hours prior to predicted sustained winds of 34+ KTS	PAST
X-Ray	48 hours prior to predicted sustained winds of 34+ KTS or 6' wave height	PAST
Yankee	24 hours prior to predicted sustained winds of 34+ KTS or 6' wave height	PAST
Zulu	12 hours prior to predicted sustained winds of 34+ KTS or 6' wave height	YES

NOTES:
 Sustained winds of 34+ kts will be in play for the Boarding Station between 3 AM and 12 PM CT TUE (1/21).
 Wave heights at the Boarding Station have reached the 6-8' threshold. See wave height slide for more details.

Wave Height Forecast Update



Wave heights at the Boarding Station have reached 6-8'.

Wave heights will then gradually decrease back to 4-5' by midnight WED (1/22) and continue to decrease further into WED.

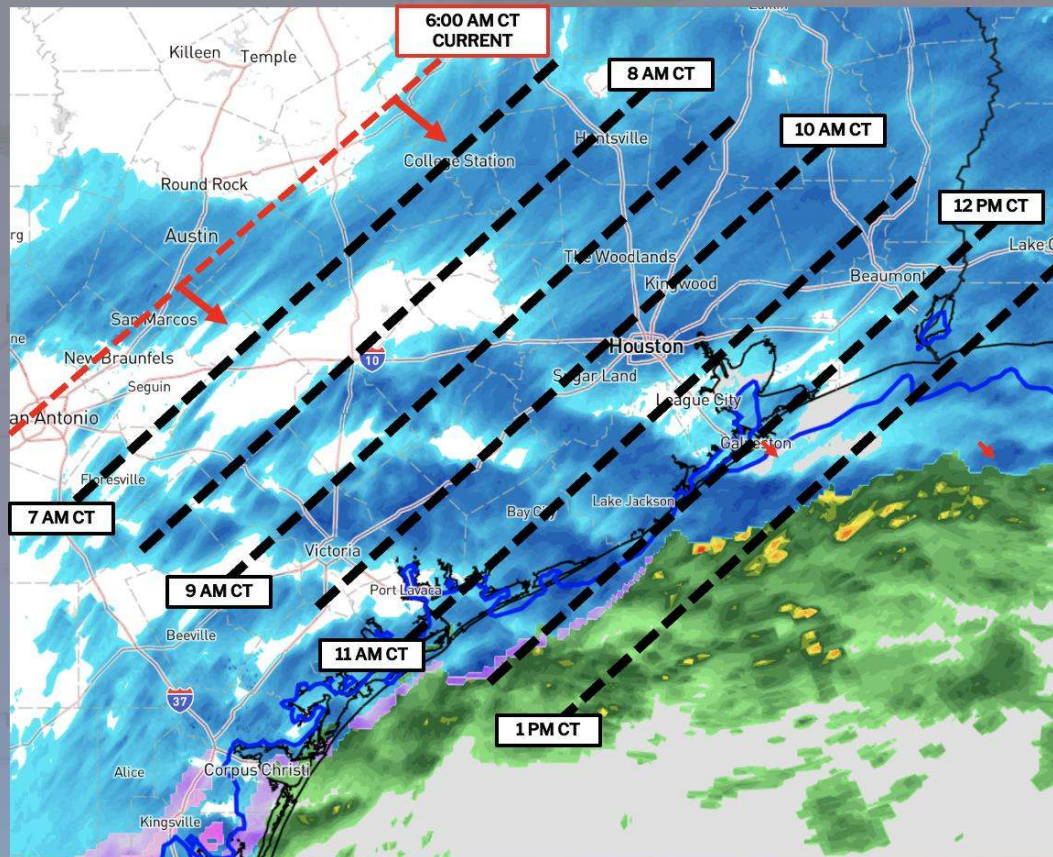
Winter Storm Update



Exit Timing for Wintry Weather

Current: 6:00 AM CT 1/21/25

Forecaster: Elliott



FORECAST NOTES:

- ✓ **CURRENT RADAR (6 AM CT)** – Graphic represents favored “back edge” timing of the main show of winter weather.
- ✓ Favoring coverage becomes more scattered throughout the AM as activity gradually pushes SE.
- ✓ A slight increase in temps to above 32 F will help to melt slush nearing ~12-1 PM.

Expecting widespread snow showers to become more scattered in nature as activity pushes SE this AM.

An additional 0.25"-0.5" in slushy accumulations will be possible.

Temperatures warming to above 32 F after 12-1PM today will help to melt slushy snow accumulations.

Winter Weather Potential

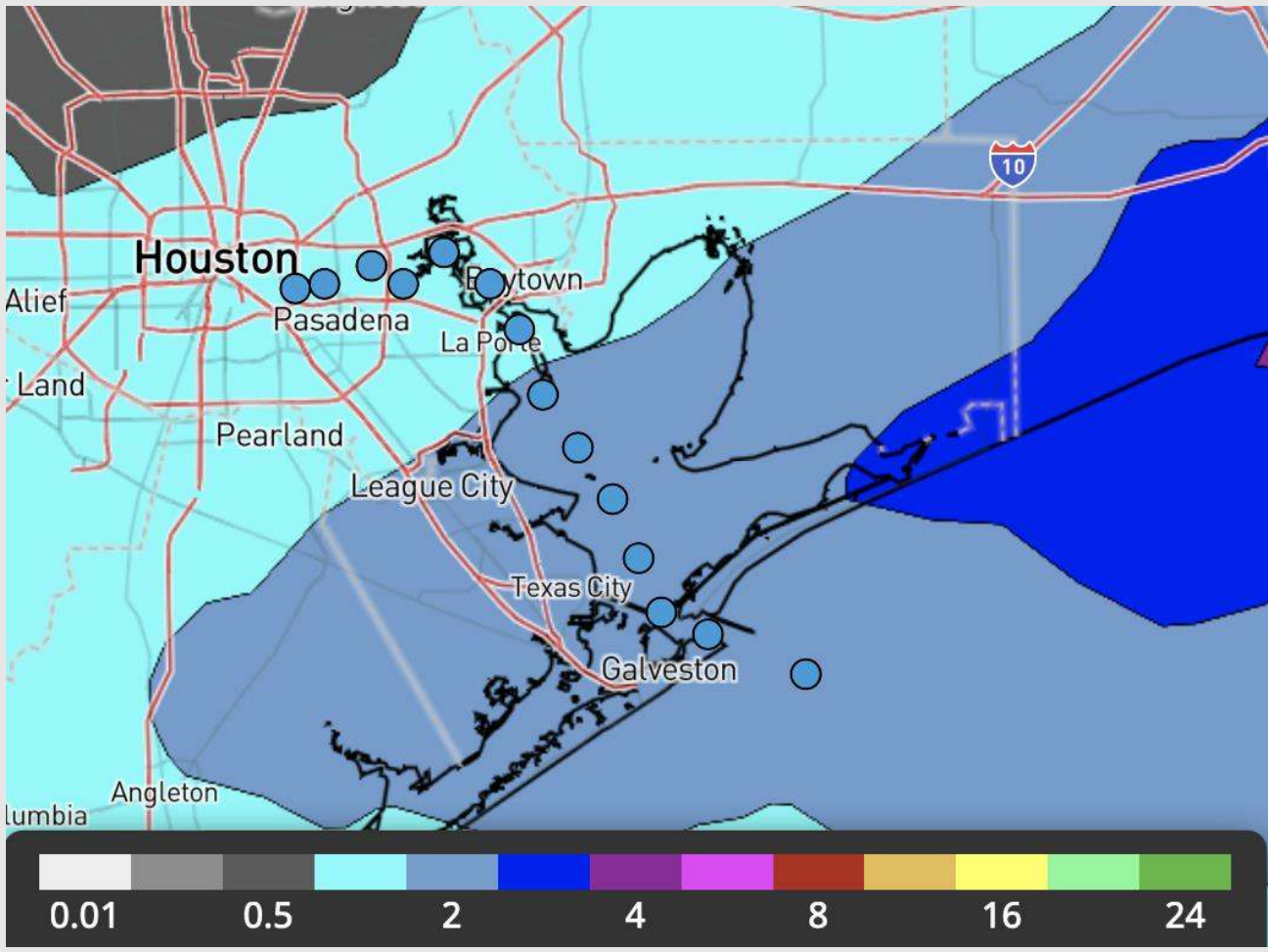
Forecast Confidence

Above Normal

Below Normal



Snapshot of Potential Snowfall Totals "Falling From the Sky"



Widespread winter precip risks expected to linger through mid TUE PM.

Generalized 2" - 3" of snowfall is expected to fall from the sky but will mix in with rain and sleet which will lower any accumulation at the surface.

Slick spots on roadways and temperatures below 32 F after 2 AM TUE will be the main risk to monitor with this wintry threat.

TIMEFRAME: JANUARY 21

Update as of 1/21

Reduced Visibility Forecast (WED)



TIMEFRAME DISCUSSED	THREAT
2 AM - 8 AM WED	Low

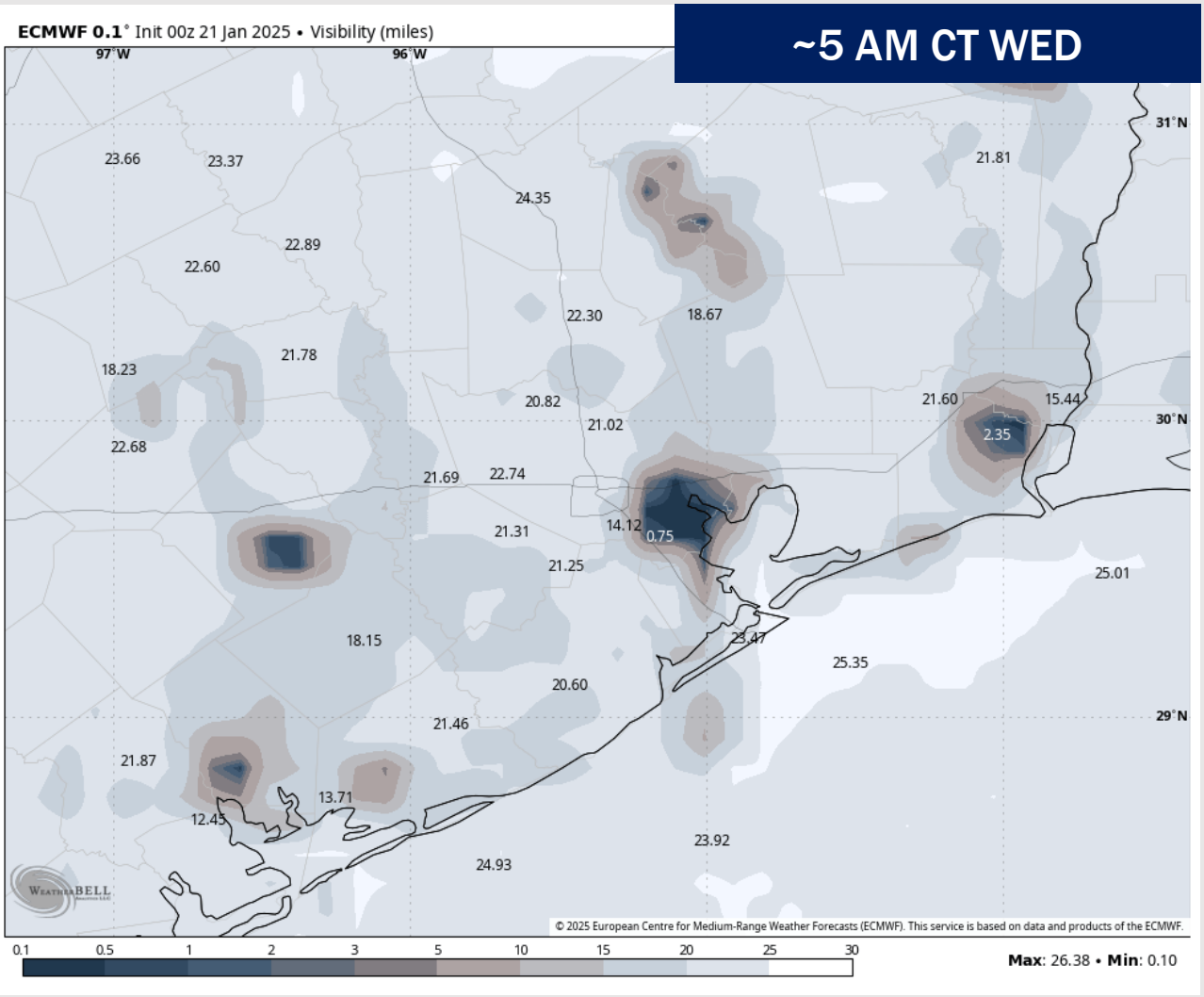
Forecast Confidence

Above Normal Below Normal

Watching for a low-end risk of reduced visibility to 1 - 3 miles WED AM. Main risk will be for Station's N of Morgan's Point.

The main timeframe to watch for this risk is as early as 2 AM WED AM, with the greatest risk between 3 - 6 AM.

Confidence is overall low for this threat, with fog to be localized in nature.



Reduced Visibility Forecast (THU)



TIMEFRAME DISCUSSED	THREAT
12 AM - 8 AM THU	Low

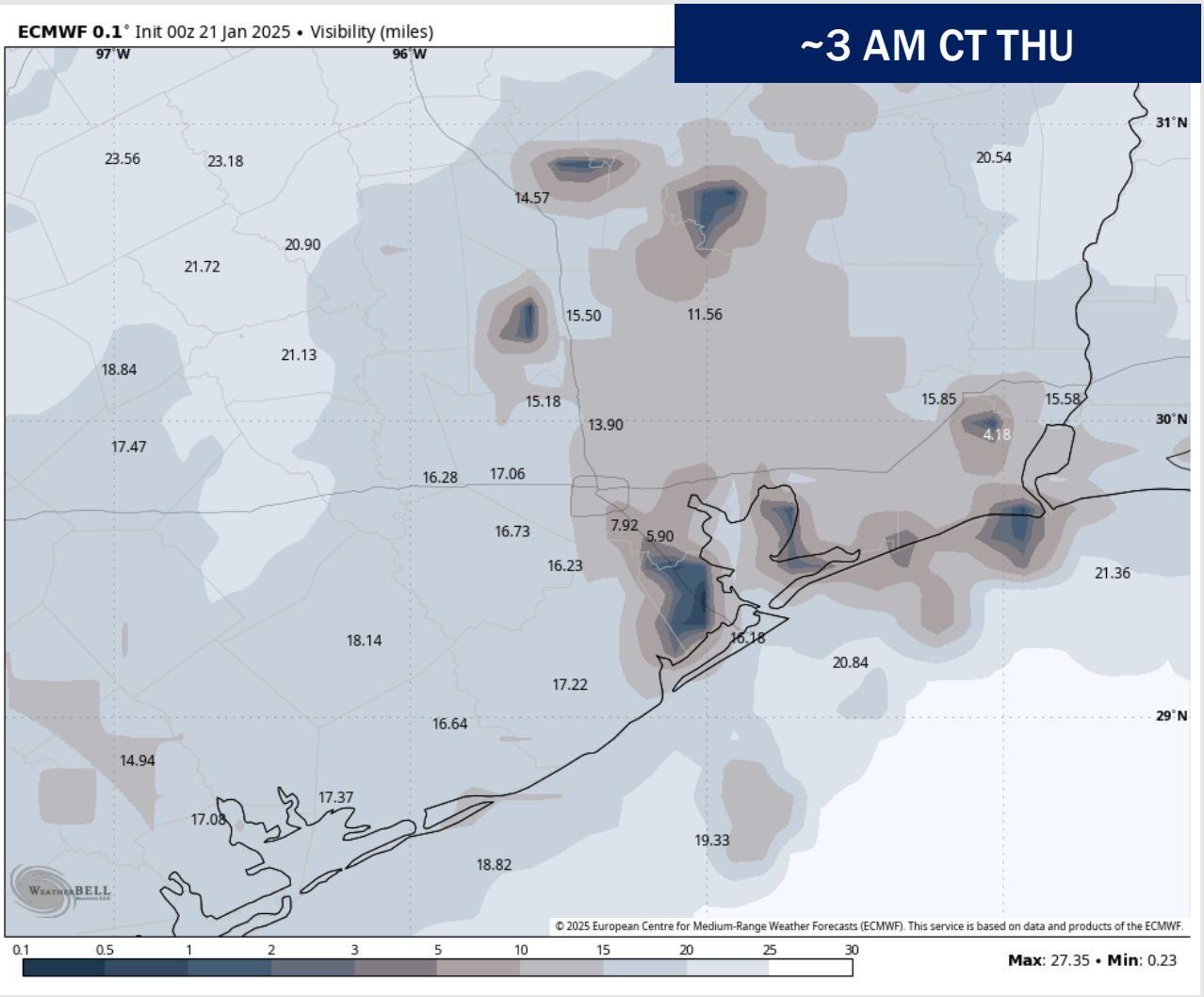
Forecast Confidence

Above Normal Below Normal

Watching for a low-end risk of reduced visibility to 1 - 3 miles WED AM. Main risk will be for Station's N of Morgan's Point.

The main timeframe to watch for this risk is as early as 12 AM WED AM, with the greatest risk between 3 - 6 AM.

Confidence is overall low for this threat, with fog to be localized in nature.

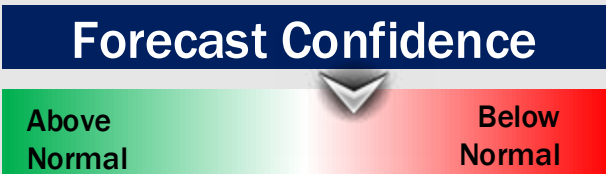


Houston Pilots Extended Range Visibility Report



Friday 1/24/25

Monitoring a low-end patchy non-sea fog risk for Stations N of Morgan's Point for Friday AM.



Saturday 1/25/25

No fog concerns for Saturday.



Sunday 1/26/25

No fog concerns for Sunday, however visibilities may be reduced to less than 2 miles under heavy downpours.



Chance for Fog

Friday AM	Low-End
Friday PM	Unlikely
Saturday AM	Unlikely
Saturday PM	Unlikely
Sunday AM	Unlikely
Sunday PM	Unlikely

Houston Pilots Visibility Chart (miles)



Forecast Confidence



Visibility	Tue 2 am	Tue 3 am	Tue 4 am	Tue 5 am	Tue 6 am	Tue 7 am	Tue 8 am	Tue 9 am	Tue 10 am	Tue 11 am	Tue 12 pm	Tue 1 pm	Tue 2 pm	Tue 3 pm	Tue 4 pm	Tue 5 pm	Tue 6 pm	Tue 7 pm	Tue 8 pm	Tue 9 pm	Tue 10 pm	Tue 11 pm	Wed 12 am	Wed 1 am
Houston Pilots N - 610 Bridge	10	10	10	2.5	1.6	1.1	1.1	1.6	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
Houston Pilots M - Kinder 1	10	10	10	2.5	1.6	1.1	1.1	1.1	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
Houston Pilots L - Greens Bayou	10	10	10	2.5	2.5	1.6	1.1	1.1	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
Houston Pilots K - Shell Crude	10	10	10	2.5	2.5	1.6	1.1	1.1	3.9	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
Houston Pilots J - Lynchburg Ferries	10	10	10	2.5	2.5	1.6	1.1	1.1	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
Houston Pilots I - Exxon 3	10	10	10	2.5	2.5	1.6	1.1	1.1	2	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
Houston Pilots H - Morgans Point	10	10	10	9	2.5	1.6	2.5	1.1	0.8	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
Houston Pilots G - 75/76	10	10	10	10	6.9	1.6	2.9	1.1	0.8	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
Houston Pilots F - 63/64	10	10	7.9	10	6.9	1.6	2.9	1.1	0.8	9	10	10	10	10	10	10	10	10	10	10	10	10	10	10
Houston Pilots E - 51/52	10	10	7.9	9	4.9	1.6	1.1	1.1	0.5	2	10	10	10	10	10	10	10	10	10	10	10	10	10	10
Houston Pilots D - 37/38	10	10	10	6.9	4.9	1.6	1.1	1.1	0.5	2	10	10	10	10	10	10	10	10	10	10	10	10	10	10
Houston Pilots C - 25/26	10	10	10	6.9	4.9	2.5	1.1	1.1	0.5	0.5	10	10	10	10	10	10	10	10	10	10	10	10	10	10
Houston Pilots B - 11/12	10	10	10	9	4.9	5.9	1.1	1.6	0.5	0.5	10	10	10	7.9	10	10	10	10	10	10	10	10	10	10
Houston Pilots A - 1 & 2 Bravo	10	10	10	10	4.9	2.9	2.5	1.1	0.5	0.5	2.9	4.9	4.9	5.9	9	9	10	10	10	10	10	10	10	10

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Houston Pilots Wind Chart



Sustained wind 10 Knots

Gusts 15 Knots

Wind from the SE

Example

10

15

↖

Wind	Tue 2 am	Tue 3 am	Tue 4 am	Tue 5 am	Tue 6 am	Tue 7 am	Tue 8 am	Tue 9 am	Tue 10 am	Tue 11 am	Tue 12 pm	Tue 1 pm	Tue 2 pm	Tue 3 pm	Tue 4 pm	Tue 5 pm	Tue 6 pm	Tue 7 pm	Tue 8 pm	Tue 9 pm	Tue 10 pm	Tue 11 pm	Wed 12 am	Wed 1 am
Houston Pilots N - 610 Bridge	15 28 ↓	16 29 ↓	16 30 ↓	17 30 ↓	17 31 ↓	16 30 ↓	16 30 ↓	15 29 ↓	15 28 ↓	14 28 ↓	14 26 ↓	13 26 ↓	12 24 ↓	10 23 ↓	9 20 ↓	8 17 ↓	7 14 ↓	6 10 ↓	5 9 ↓	3 8 ↓	3 7 ↓	2 7 ↓	2 6 ↓	2 6 ↓
Houston Pilots M - Kinder 1	15 28 ↓	16 29 ↓	16 30 ↓	17 31 ↓	17 31 ↓	16 30 ↓	16 30 ↓	15 29 ↓	15 28 ↓	15 28 ↓	14 26 ↓	13 26 ↓	12 24 ↓	10 23 ↓	10 20 ↓	8 17 ↓	7 14 ↓	6 10 ↓	5 9 ↓	3 8 ↓	3 7 ↓	3 7 ↓	2 6 ↓	2 6 ↓
Houston Pilots L - Greens Bayou	15 28 ↓	15 29 ↓	16 30 ↓	16 31 ↓	16 31 ↓	16 30 ↓	16 30 ↓	15 29 ↓	14 28 ↓	15 28 ↓	14 26 ↓	13 25 ↓	13 24 ↓	10 23 ↓	10 20 ↓	8 17 ↓	7 14 ↓	6 10 ↓	5 9 ↓	3 8 ↓	3 7 ↓	3 7 ↓	2 6 ↓	2 6 ↓
Houston Pilots K - Shell Crude	15 28 ↓	16 29 ↓	16 30 ↓	17 31 ↓	17 31 ↓	16 31 ↓	16 31 ↓	15 30 ↓	15 28 ↓	15 28 ↓	15 26 ↓	13 25 ↓	13 24 ↓	12 23 ↓	10 20 ↓	9 17 ↓	8 14 ↓	6 10 ↓	5 9 ↓	3 8 ↓	3 8 ↓	3 7 ↓	2 7 ↓	2 6 ↓
Houston Pilots J - Lynchburg Ferries	15 28 ↓	15 29 ↓	15 29 ↓	16 30 ↓	15 30 ↓	15 30 ↓	16 30 ↓	15 29 ↓	15 28 ↓	15 28 ↓	15 26 ↓	13 25 ↓	13 24 ↓	12 22 ↓	10 20 ↓	9 17 ↓	7 14 ↓	6 10 ↓	5 9 ↓	3 8 ↓	3 7 ↓	3 7 ↓	2 6 ↓	2 6 ↓
Houston Pilots I - Exxon 3	22 28 ↓	22 29 ↓	22 30 ↓	23 31 ↓	23 31 ↓	22 30 ↓	21 30 ↓	20 29 ↓	17 28 ↓	17 28 ↓	16 26 ↓	15 25 ↓	14 24 ↓	13 23 ↓	13 21 ↓	12 18 ↓	10 16 ↓	8 13 ↓	7 10 ↓	6 9 ↓	6 9 ↓	6 8 ↓	5 7 ↓	5 7 ↓
Houston Pilots H - Morgans Point	22 29 ↓	22 30 ↓	23 31 ↓	23 31 ↓	23 31 ↓	22 31 ↓	22 31 ↓	20 30 ↓	18 28 ↓	18 28 ↓	17 28 ↓	15 26 ↓	15 25 ↓	14 24 ↓	13 22 ↓	12 20 ↓	10 16 ↓	8 14 ↓	8 12 ↓	7 10 ↓	6 9 ↓	6 8 ↓	6 8 ↓	6 7 ↓
Houston Pilots G - 75/76	25 35 ↓	26 36 ↓	26 37 ↓	28 37 ↓	28 37 ↓	26 37 ↓	26 37 ↓	24 35 ↓	22 32 ↓	22 32 ↓	20 31 ↓	17 28 ↓	16 28 ↓	15 25 ↓	15 24 ↓	14 22 ↓	13 20 ↓	10 16 ↓	10 14 ↓	9 13 ↓	8 12 ↓	8 12 ↓	8 10 ↓	7 9 ↓
Houston Pilots F - 63/64	26 35 ↓	28 37 ↓	28 37 ↓	29 38 ↓	29 38 ↓	28 37 ↓	26 37 ↓	25 36 ↓	22 33 ↓	22 32 ↓	20 31 ↓	18 29 ↓	17 29 ↓	16 26 ↓	15 24 ↓	14 23 ↓	13 20 ↓	12 17 ↓	10 15 ↓	9 14 ↓	8 13 ↓	8 12 ↓	8 10 ↓	8 10 ↓
Houston Pilots E - 51/52	26 36 ↓	28 37 ↓	29 38 ↓	29 39 ↓	29 39 ↓	29 38 ↓	28 38 ↓	26 37 ↓	24 36 ↓	23 35 ↓	22 33 ↓	20 30 ↓	20 29 ↓	17 28 ↓	16 25 ↓	15 24 ↓	14 22 ↓	13 18 ↓	12 17 ↓	10 16 ↓	10 14 ↓	9 14 ↓	8 13 ↓	8 12 ↓
Houston Pilots D - 37/38	26 37 ↓	29 38 ↓	29 38 ↓	30 40 ↓	29 40 ↓	29 39 ↓	29 39 ↓	26 38 ↓	25 37 ↓	24 36 ↓	23 35 ↓	21 32 ↓	20 30 ↓	20 29 ↓	17 26 ↓	16 24 ↓	15 22 ↓	13 20 ↓	13 18 ↓	12 17 ↓	10 15 ↓	10 15 ↓	9 14 ↓	8 13 ↓
Houston Pilots C - 25/26	26 37 ↓	29 39 ↓	29 39 ↓	29 41 ↓	30 41 ↓	29 40 ↓	29 40 ↓	28 39 ↓	25 37 ↓	24 37 ↓	24 35 ↓	22 33 ↓	21 31 ↓	20 30 ↓	17 26 ↓	17 25 ↓	15 23 ↓	14 20 ↓	13 20 ↓	12 18 ↓	10 16 ↓	10 16 ↓	9 14 ↓	8 14 ↓
Houston Pilots B - 11/12	25 37 ↓	26 38 ↓	26 39 ↓	28 40 ↓	28 40 ↓	26 39 ↓	26 39 ↓	26 38 ↓	24 37 ↓	24 37 ↓	24 35 ↓	22 33 ↓	21 31 ↓	20 30 ↓	17 26 ↓	17 25 ↓	15 23 ↓	14 21 ↓	13 20 ↓	12 20 ↓	10 17 ↓	10 16 ↓	9 15 ↓	8 14 ↓
Houston Pilots A - 1 & 2 Bravo	29 39 ↓	30 41 ↓	30 41 ↓	31 43 ↓	31 43 ↓	30 41 ↓	30 41 ↓	29 41 ↓	28 40 ↓	28 40 ↓	26 39 ↓	25 38 ↓	24 37 ↓	24 35 ↓	22 31 ↓	22 29 ↓	17 26 ↓	15 24 ↓	14 23 ↓	15 22 ↓	14 20 ↓	13 18 ↓	13 17 ↓	12 17 ↓

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Houston Pilots: TUE. 1/21/2025



Forecast Discussion

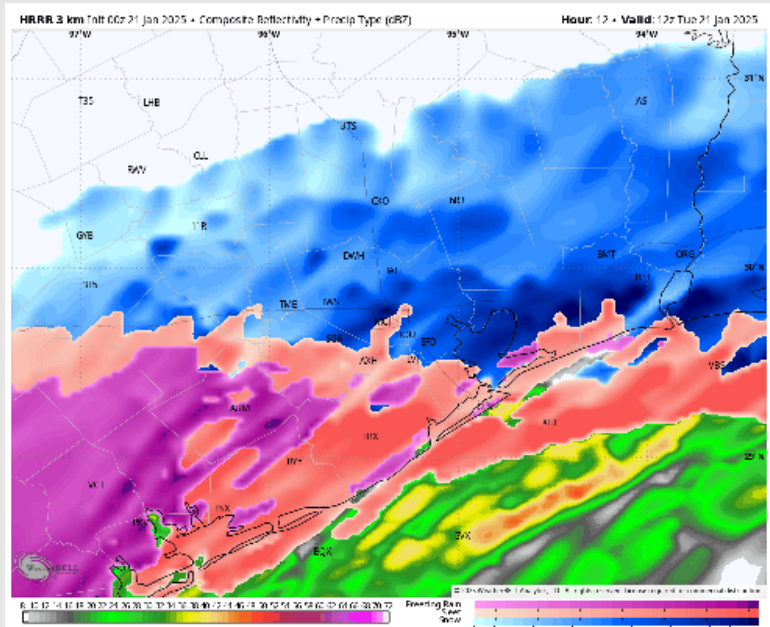
Precip: A widespread mix of snow, ice pellets and rain will be in play for all Stations through 12 PM. See Winter Weather Potential slide for further details.

Wind: Winds will be out of the N/NE throughout the day. **N of Morgan's Point:** Winds will be at 10 – 15 kts through 3 PM, decreasing to 3 – 8 kts after that time. **Wind gusts of 20-25 kts in play through 3 PM.** **S of Morgan's Point:** Winds will be at 25 – 30 kts sustained through 3 PM, decreasing to 8 – 13 kts after that time. **Sustained winds will be able to reach 35 kts at times for the Boarding Station between 3 AM and 12 PM.** Wind gusts of 40 – 45 kts in play through 12 PM for Station 51/52 down to the Boarding Station, decreasing to 20 – 25 kts through 6 PM.

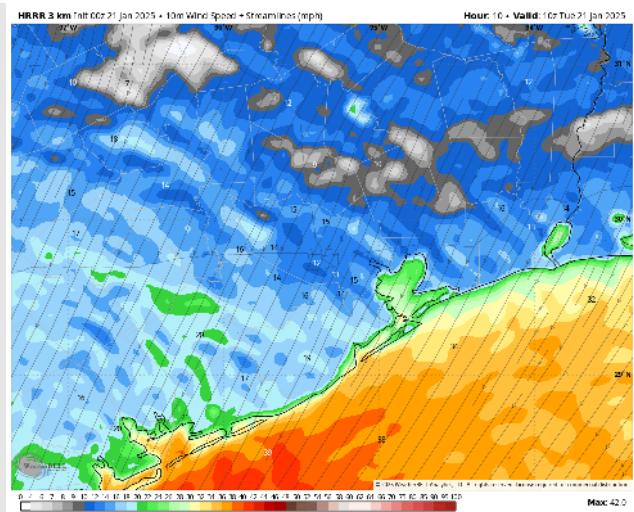
High Temps: **N of Morgan's Point:** Low 30s F. **S of Morgan's Point:** Mid to upper 30s F. Favoring slick spots on roadways after 2AM TUE as wintry precip moves in. Pavement impacts are possible throughout the course of the day.

Visibility: No fog concerns for today, however, pockets of reduced visibility will be possible under snow showers.

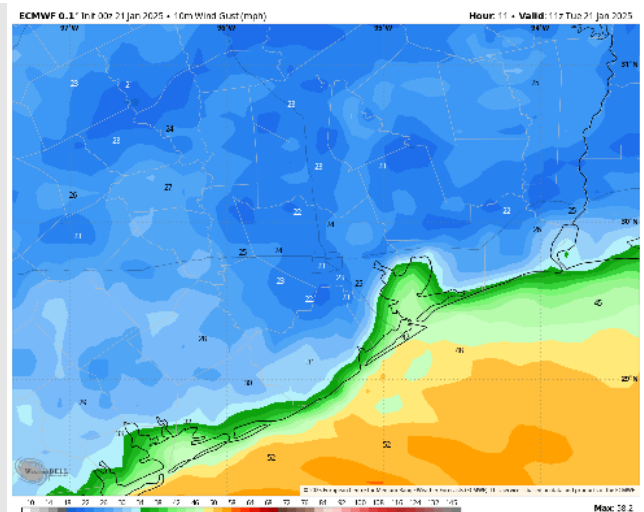
Precip Image: 6 AM CT



Wind Speed:
4 AM CT



Max Wind
Gusts Today



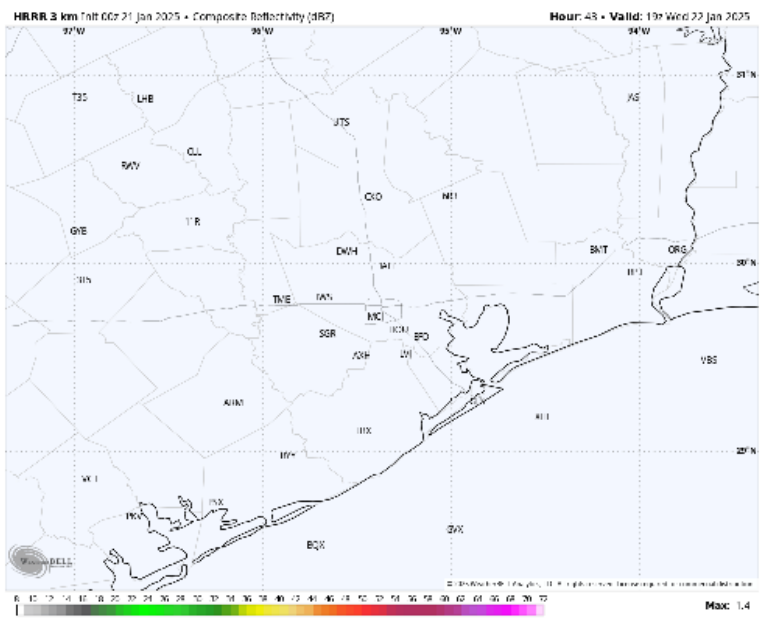
Houston Pilots: WED. 1/22/2025



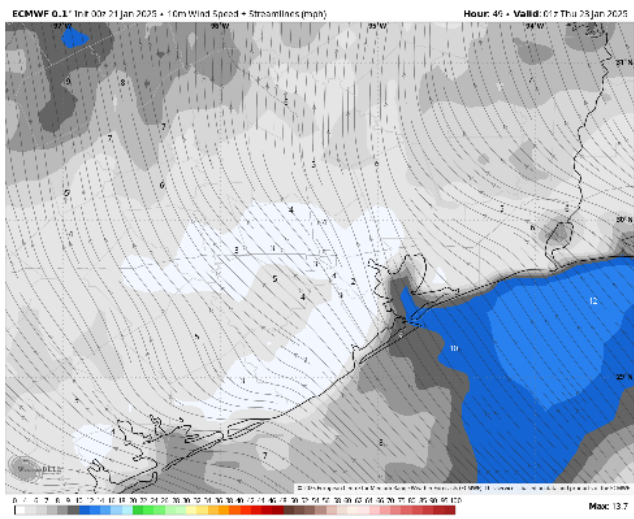
Forecast Discussion

- Precip:** Favoring dry conditions for Wednesday.
- Wind:** Winds will be out of the N/NNE through 5 AM, shifting clockwise to be out of the SE by 10 AM. **N of Morgan's Point:** Winds will be at 2 – 7 kts throughout the day. **S of Morgan's Point:** Winds will start at 8 – 13 kts and gradually decrease through the morning, settling at 4 – 9 kts by 8 AM and remaining at that clip for the rest of the day.
- High Temps:** **N of Morgan's Point:** Upper 30s to low 40s F. **S of Morgan's Point:** Low to mid 40s F.
- Visibility:** Monitoring a low-end, patchy, non-sea fog risk for Stations N of Morgan's Point through 8 AM Wednesday. **See Reduced Visibility Forecast slide for more info.**

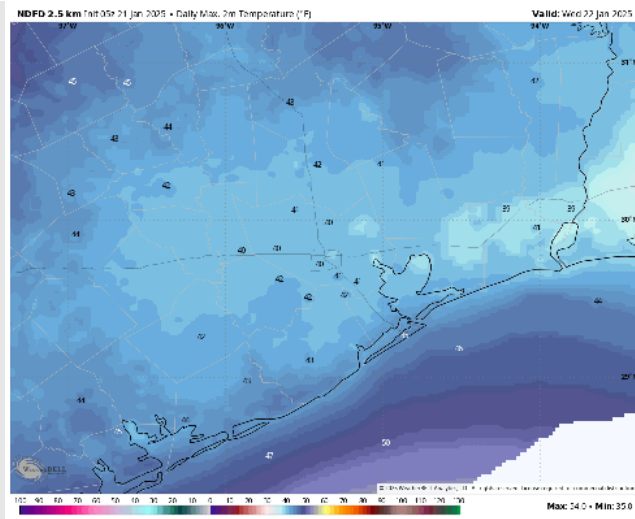
Precip Image: 1 PM CT



Wind Speed:
11 AM CT



High Temps
Wednesday



Forecast Discussion

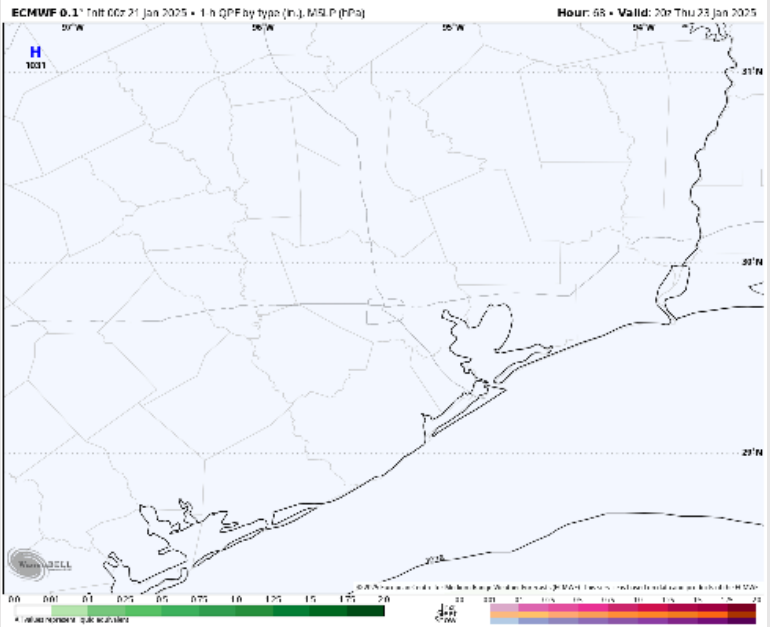
Precip: Favoring dry conditions for Thursday.

Wind: Winds will shift out of the NE shortly after midnight and remain out of that direction throughout the day. **N of Morgan's Point:** Winds will be at 3 – 8 kts throughout the day Thursday. **S of Morgan's Point:** Winds will be at 8 – 13 kts throughout the day Thursday. **Gusts of 15 – 25 kts will be possible for all Stations S of Morgan's Point throughout the day.**

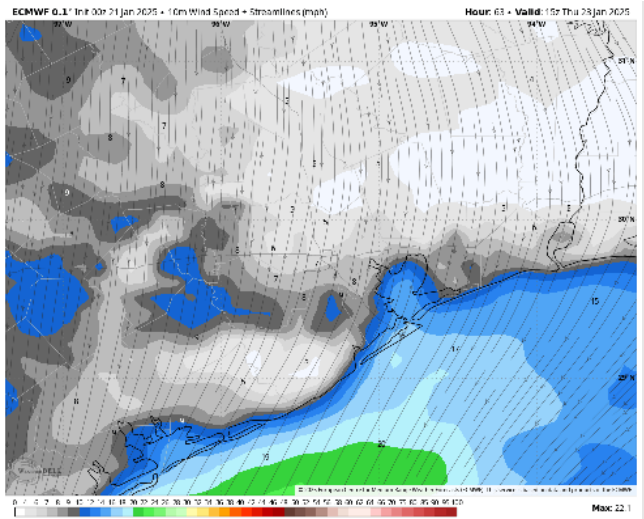
High Temps: **N of Morgan's Point:** Upper 40s F. **S of Morgan's Point:** Upper 40s F.

Visibility: Patchy non-sea fog in play for Stations N of Morgan's Point through 8 AM Thursday. Subfreezing AM temperatures may result in the formation of ice on surfaces. **See Reduced Visibility Forecast slide for more info.**

Precip Image: 2 PM CT

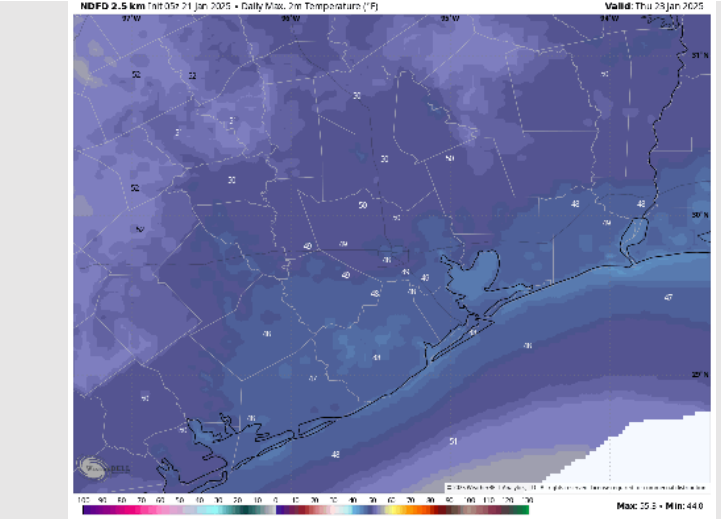


Wind Speed



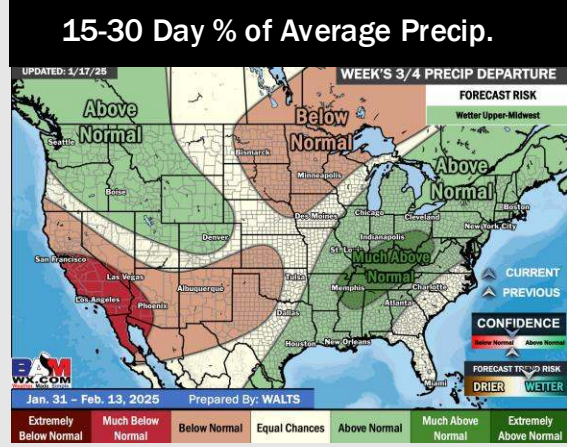
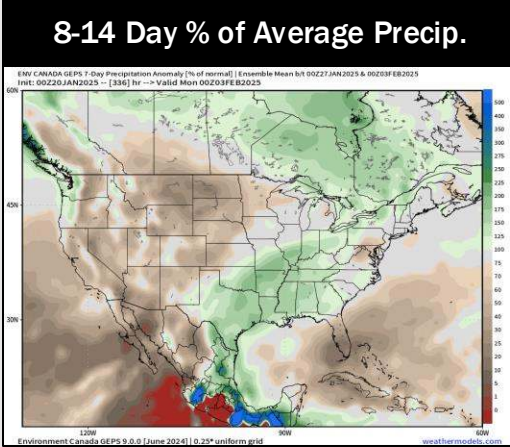
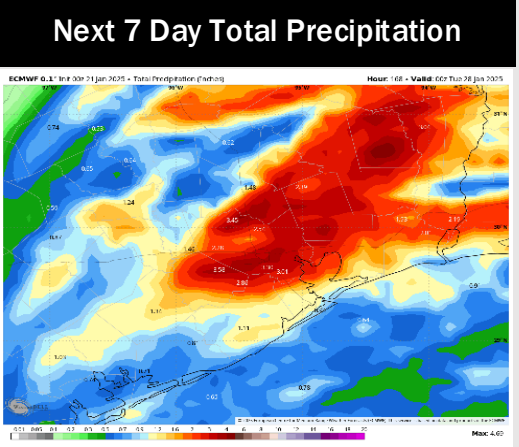
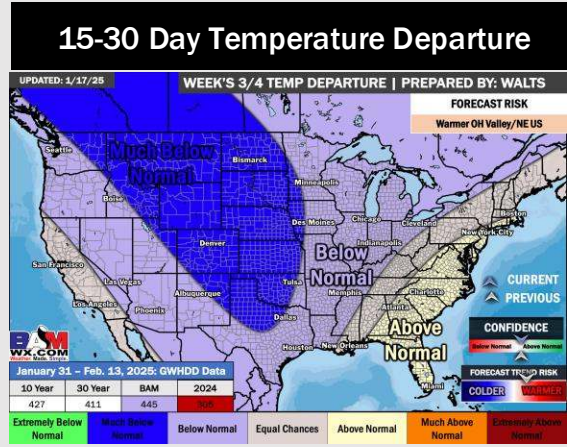
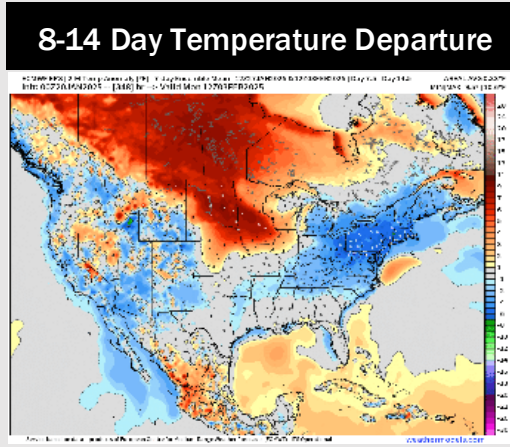
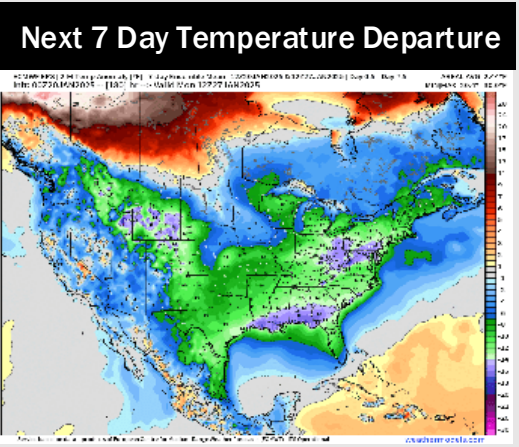
7 PM CT

High Temps Thursday



High Temps Thursday

Houston Pilots: 1/21/25



- Temps are expected to be much below normal for the week 1 timeframe. Favoring precipitation early in the week, with a drier latter half of the week. Graphic displays liquid accumulation between rain/wintry mix.
- Near normal temperatures and above normal rainfall are expected for week 2.
- Below normal temperatures and above normal precipitation chances are expected for the weeks 3/4 timeframe.