

Houston Pilots Forecast Package



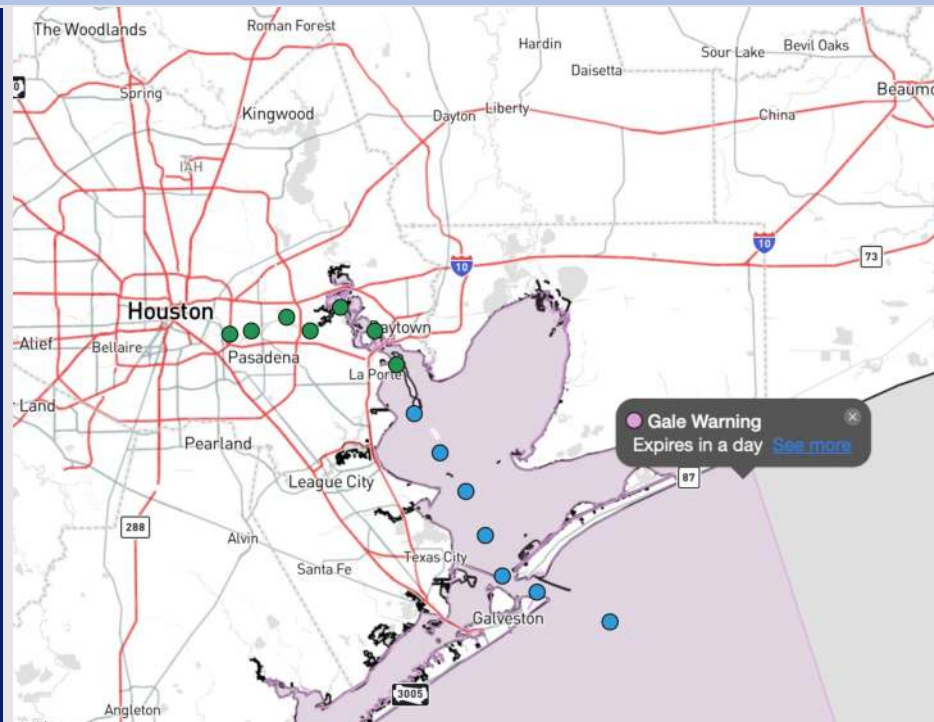
Updated: 6:45 PM CT

Monday, December 9, 2024

Forecaster: Tyler Riggles

Weather Headlines

- **Monitoring a med-high end risk of Sea Fog late tonight and into TUE AM. Check the visibility slide for more information!**
- **Gusty winds likely TUE PM and WED AM with wind gusts of 30-35 kts in play.**
- **Increased wave heights of 3' – 4' favored for the PM hours of TUE. See wave height slide!**

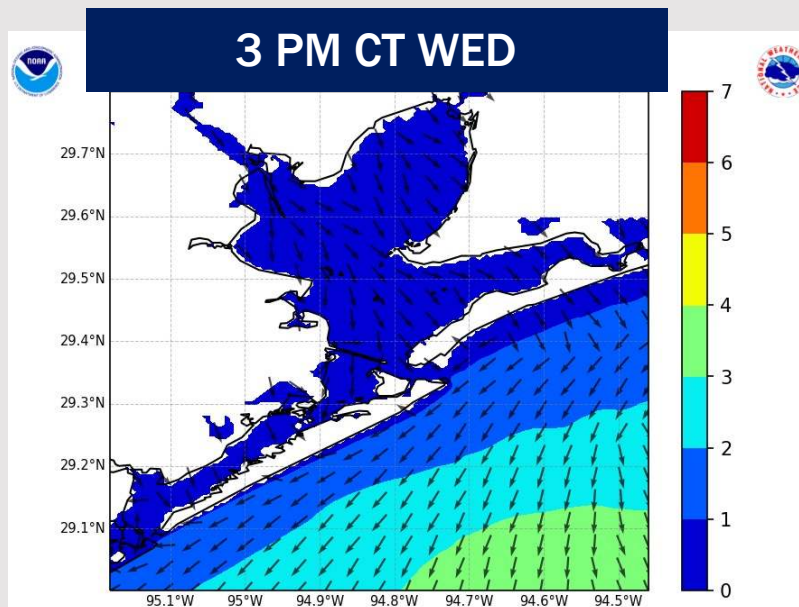
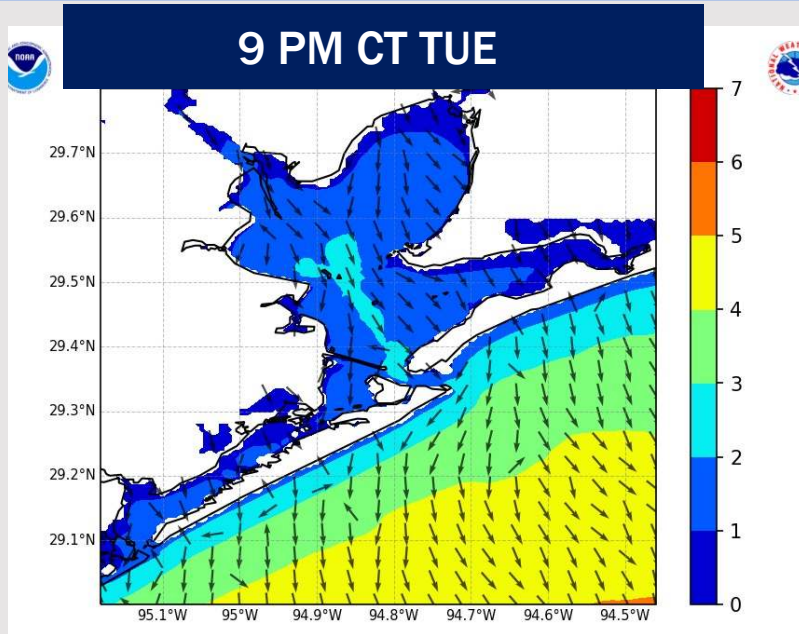


Current Radar: 6:45 PM CT



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

Wave Height Forecast Update



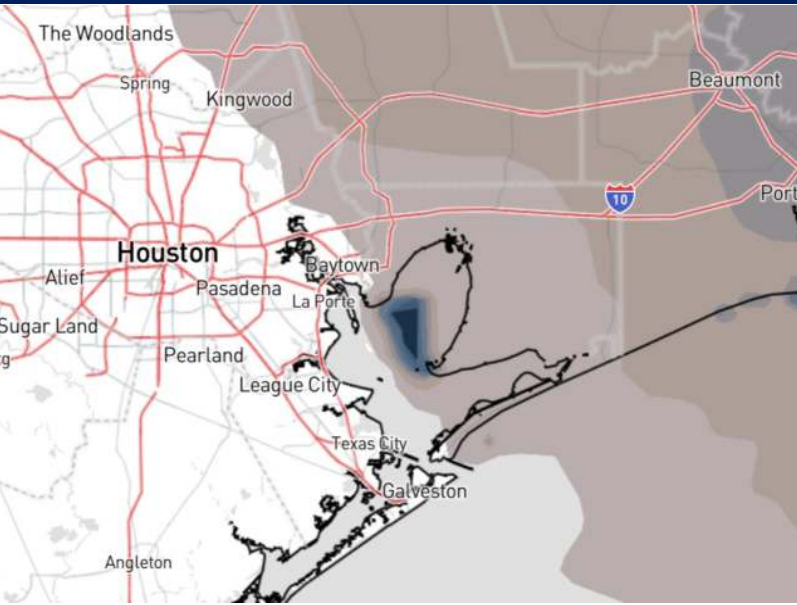
Wave heights are anticipated to increase to 3' – 4' at the Boarding Station by 9PM TUE.

Wave heights will start to decrease early WED AM and will continue to decrease through the day, with wave heights favored to drop below 3' by 3PM WED.

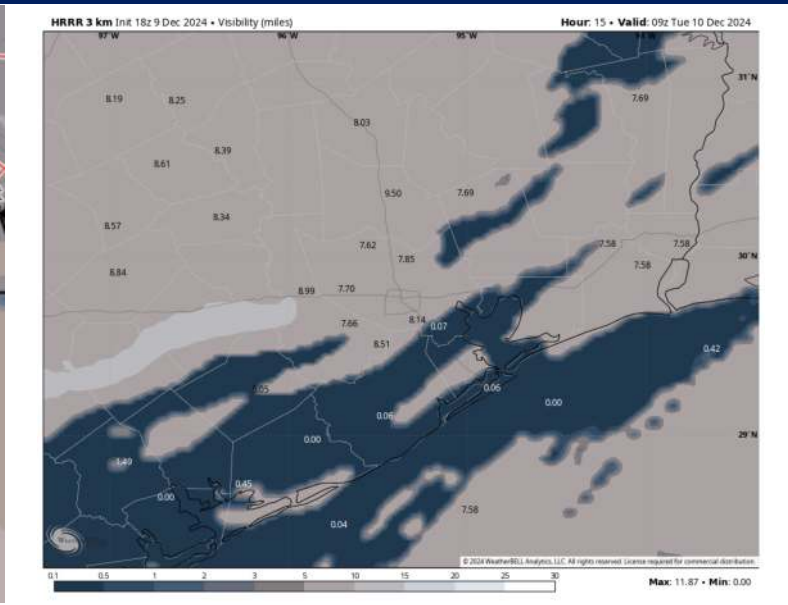
Houston Pilots Visibility Report



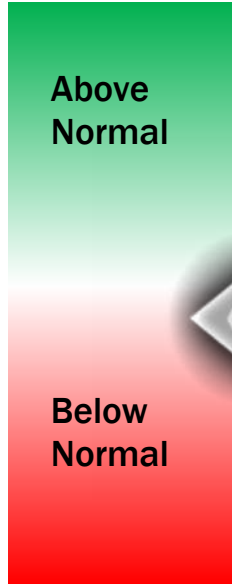
CURRENT VISIBILITY (6 PM CST)



3 AM CT TUE VISIBILITY



Confidence



TIMEFRAME DISCUSSED	THREAT
Current - 8AM TUE	Med-High

- Ongoing patchy sea fog risks will remain contained within the Bay prior to 9 PM. Stations S of Morgan’s Point can expect 2 – 4 mile visibilities from now through 9 PM
- Dense fog expected to build in near the Boarding Station by 9 PM MON with coverage gradually creeping N to impacts all stations throughout the overnight. Greatest risk between 11 PM MON – 6 AM TUE
- Visibility will be reduced to 1 – 3 miles at all stations with frequent instances of visibility dropping to less than 1 mile at times.
- Winds are expected to shift out of the W/NW by 2AM which may help gradually improve visibility, however, 2 – 4 mile visibility will still linger until 8AM, with localized pockets of 1 mile visibility possible. Lower confidence on exact exit time.

Houston Pilots Extended Range Visibility Report



Thursday 12/12/24

Fog not favored for THU.



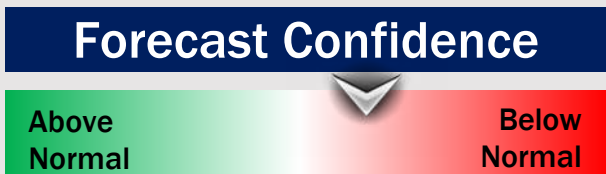
Friday 12/13/24

Fog not favored for FRI.



Saturday 12/14/24

Monitoring a low-end threat for fog.



Chance for Fog

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

Houston Pilots Visibility Chart (miles)



Forecast Confidence



Visibility	Mon 2 pm	Mon 3 pm	Mon 4 pm	Mon 5 pm	Mon 6 pm	Mon 7 pm	Mon 8 pm	Mon 9 pm	Mon 10 pm	Mon 11 pm	Tue 12 am	Tue 1 am	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
Houston Pilots N - 610 Bridge	10	10	10	10	9	9	9	6.9	6.9	5.9	4.9	3.9	2.9	2	2.9	3.9	4.9	7.9	9	6.9	10	10	10	10
Houston Pilots M - Kinder 1	10	10	10	10	9	9	9	6.9	6.9	5.9	4.9	3.9	2.9	1.1	2.9	3.9	4.9	7.9	9	6.9	10	10	10	10
Houston Pilots L - Greens Bayou	10	10	10	10	9	9	7.9	6.9	6.9	5.9	4.9	3.9	2.9	1.1	1.1	2.9	4.9	6.9	7.9	6.9	10	10	10	10
Houston Pilots K - Shell Crude	10	10	10	10	9	9	7.9	6.9	6.9	5.9	4.9	3.9	2.9	0.3	0.3	0.3	0.3	0.5	7.9	6.9	5.9	10	10	10
Houston Pilots J - Lynchburg Ferries	10	10	10	10	9	9	7.9	6.9	6.9	5.9	4.9	2.9	2.9	0.3	0.3	0.3	0.3	0.5	0.5	1.6	4.9	10	10	10
Houston Pilots I - Exxon 3	10	10	10	10	9	7.9	7.9	6.9	6.9	5.9	4.9	3.9	2.9	0.3	0.3	0.3	0.3	0.5	0.5	2	4.9	10	10	10
Houston Pilots H - Morgans Point	10	10	10	10	9	6.9	6.9	6.9	6.9	5.9	4.9	3.9	2.9	0.8	0.8	1.1	3.9	4.9	4.9	4.9	6.9	10	10	10
Houston Pilots G - 75/76	6.9	7.9	7.9	6.9	6.9	3.9	6.9	6.9	6.9	5.9	4.9	3.9	2.5	0.8	0.8	1.1	3.9	4.9	4.9	4.9	6.9	9	9	9
Houston Pilots F - 63/64	6.9	7.9	7.9	6.9	6.9	3.9	6.9	6.9	6.9	5.9	4.9	3.9	1.1	0.5	0.8	1.1	0.5	0.5	0.8	2	4.9	7.9	9	9
Houston Pilots E - 51/52	7.9	7.9	7.9	6.9	6.9	5.9	6.9	6.9	7.9	6.9	4.9	3.9	1.1	0.8	0.5	0.5	0.5	0.8	1.1	2	3.9	5.9	8	9
Houston Pilots D - 37/38	7.9	7.9	7.9	6.9	5.9	5.9	6.9	6.9	7.9	6.9	4.9	3.9	2.5	1.6	0.5	1.1	0.5	2	2.5	2.9	4.9	5.9	8	9
Houston Pilots C - 25/26	7.9	7.9	7.9	6.9	5.9	5.9	6.9	6.9	7.9	5.9	4.9	3.9	3.9	3.9	2.9	3.9	3.9	4.9	4.9	4.9	5.9	6.9	6	9
Houston Pilots B - 11/12	7.9	7.9	6.9	6.9	5.9	5.9	5.9	6.9	6.9	3.9	2.9	3.9	3.9	3.9	2.9	3.9	3.9	4.9	4.9	4.9	4.9	6.9	4	9
Houston Pilots A - 1 & 2 Bravo	5.9	6.9	6.9	5.9	5.9	5.9	5.9	6.9	3.9	2.9	2.9	2.9	0.5	1.1	0.3	0.3	0.3	1.1	1.1	1.1	2.5	3.9	1.1	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 Wind Chart



→ Sustained wind 10 Knots
 → Gusts 15 Knots
 → Wind from the SE

Example

10
 15
 ↙

Wind	Mon 2 pm	Mon 3 pm	Mon 4 pm	Mon 5 pm	Mon 6 pm	Mon 7 pm	Mon 8 pm	Mon 9 pm	Mon 10 pm	Mon 11 pm	Tue 12 am	Tue 1 am	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	
Houston Pilots N - 610 Bridge	9 20 ↗	9 20 ↗	9 20 ↗	9 20 ↗	8 17 ↗	8 16 ↗	7 15 ↗	7 15 ↗	7 15 ↗	6 14 ↗	6 13 ↗	6 13 ↗	6 13 ↗	6 13 ↗	6 13 ↗	6 13 ↗	6 14 ↗	7 14 ↗	8 15 ↗	8 16 ↗	8 17 ↗	9 18 ↗	10 20 ↗	10 20 ↗	
Houston Pilots M - Kinder 1	10 21 ↗	9 20 ↗	9 20 ↗	9 18 ↗	8 17 ↗	8 16 ↗	7 15 ↗	7 15 ↗	7 15 ↗	6 14 ↗	6 13 ↗	6 13 ↗	6 13 ↗	6 13 ↗	6 13 ↗	6 13 ↗	6 14 ↗	7 14 ↗	8 15 ↗	8 16 ↗	8 17 ↗	9 18 ↗	10 20 ↗	10 20 ↗	
Houston Pilots L - Greens Bayou	10 20 ↗	9 20 ↗	9 20 ↗	9 18 ↗	8 17 ↗	8 15 ↗	7 15 ↗	7 15 ↗	7 14 ↗	6 14 ↗	6 13 ↗	6 13 ↗	6 13 ↗	6 13 ↗	6 13 ↗	6 13 ↗	6 14 ↗	7 14 ↗	8 15 ↗	8 16 ↗	8 17 ↗	9 18 ↗	10 18 ↗	10 20 ↗	
Houston Pilots K - Shell Crude	10 20 ↗	10 20 ↗	10 20 ↗	9 18 ↗	8 17 ↗	8 15 ↗	7 15 ↗	7 15 ↗	7 14 ↗	6 14 ↗	6 13 ↗	6 13 ↗	6 12 ↗	6 13 ↗	6 13 ↗	6 13 ↗	6 14 ↗	7 14 ↗	8 15 ↗	8 16 ↗	8 16 ↗	9 18 ↗	10 18 ↗	10 18 ↗	
Houston Pilots J - Lynchburg Ferries	9 20 ↗	9 20 ↗	9 18 ↗	9 17 ↗	8 17 ↗	7 15 ↗	7 14 ↗	7 14 ↗	6 14 ↗	6 13 ↗	6 13 ↗	5 12 ↗	5 12 ↗	6 12 ↗	6 13 ↗	6 13 ↗	6 14 ↗	6 14 ↗	7 15 ↗	8 16 ↗	8 16 ↗	9 17 ↗	10 18 ↗	10 18 ↗	
Houston Pilots I - Exxon 3	10 20 ↗	12 20 ↗	12 18 ↗	12 18 ↗	10 17 ↗	10 16 ↗	10 16 ↗	10 16 ↗	10 15 ↗	10 15 ↗	9 14 ↗	8 14 ↗	8 14 ↗	9 14 ↗	9 14 ↗	9 14 ↗	10 15 ↗	10 15 ↗	10 16 ↗	10 16 ↗	10 17 ↗	10 18 ↗	10 18 ↗	12 18 ↗	12 18 ↗
Houston Pilots H - Morgans Point	10 18 ↗	10 18 ↗	12 18 ↗	12 18 ↗	10 17 ↗	10 16 ↗	10 16 ↗	10 15 ↗	10 15 ↗	9 15 ↗	9 14 ↗	8 13 ↗	8 13 ↗	8 13 ↗	8 14 ↗	9 14 ↗	9 14 ↗	10 15 ↗	10 16 ↗	10 16 ↗	10 17 ↗	10 17 ↗	10 18 ↗	10 18 ↗	12 18 ↗
Houston Pilots G - 75/76	10 18 ↗	10 18 ↗	12 20 ↗	12 20 ↗	12 18 ↗	12 17 ↗	12 17 ↗	12 16 ↗	12 16 ↗	10 16 ↗	10 16 ↗	10 15 ↗	10 15 ↗	10 14 ↗	10 15 ↗	10 15 ↗	10 16 ↗	12 16 ↗	12 17 ↗	12 17 ↗	12 18 ↗	12 18 ↗	12 20 ↗	12 20 ↗	12 20 ↗
Houston Pilots F - 63/64	10 17 ↗	10 18 ↗	10 18 ↗	12 20 ↗	12 17 ↗	12 17 ↗	12 17 ↗	12 16 ↗	10 16 ↗	10 16 ↗	10 15 ↗	9 14 ↗	9 14 ↗	9 14 ↗	10 15 ↗	10 15 ↗	10 16 ↗	12 16 ↗	12 17 ↗	12 17 ↗	12 18 ↗	12 18 ↗	12 20 ↗	12 20 ↗	12 20 ↗
Houston Pilots E - 51/52	9 17 ↗	10 17 ↗	10 18 ↗	12 18 ↗	12 17 ↗	12 17 ↗	12 16 ↗	10 16 ↗	10 16 ↗	10 15 ↗	9 14 ↗	9 14 ↗	9 14 ↗	9 14 ↗	9 14 ↗	10 15 ↗	10 15 ↗	10 16 ↗	12 16 ↗	12 17 ↗	12 17 ↗	12 18 ↗	12 18 ↗	12 20 ↗	12 20 ↗
Houston Pilots D - 37/38	10 17 ↗	10 17 ↗	10 18 ↗	12 18 ↗	12 17 ↗	12 17 ↗	10 16 ↗	10 16 ↗	10 16 ↗	10 15 ↗	9 14 ↗	9 14 ↗	9 14 ↗	9 14 ↗	9 14 ↗	9 15 ↗	10 15 ↗	10 16 ↗	10 16 ↗	12 17 ↗	12 18 ↗	12 18 ↗	12 20 ↗	12 20 ↗	12 20 ↗
Houston Pilots C - 25/26	10 17 ↗	10 17 ↗	10 18 ↗	10 18 ↗	10 17 ↗	10 17 ↗	10 16 ↗	10 16 ↗	10 16 ↗	9 15 ↗	9 14 ↗	8 14 ↗	8 14 ↗	8 14 ↗	9 14 ↗	9 15 ↗	10 15 ↗	10 16 ↗	10 16 ↗	12 17 ↗	12 18 ↗	12 18 ↗	13 20 ↗	13 20 ↗	13 20 ↗
Houston Pilots B - 11/12	9 16 ↗	10 17 ↗	10 17 ↗	10 17 ↗	10 17 ↗	10 16 ↗	10 16 ↗	9 15 ↗	9 15 ↗	8 15 ↗	8 14 ↗	8 14 ↗	8 14 ↗	8 14 ↗	8 14 ↗	8 15 ↗	9 15 ↗	9 16 ↗	10 16 ↗	10 17 ↗	10 17 ↗	12 18 ↗	12 18 ↗	13 18 ↗	13 18 ↗
Houston Pilots A - 1 & 2 Bravo	8 15 ↗	9 16 ↗	10 17 ↗	10 17 ↗	10 17 ↗	10 17 ↗	10 16 ↗	10 16 ↗	10 16 ↗	10 16 ↗	10 16 ↗	10 15 ↗	10 15 ↗	10 15 ↗	10 16 ↗	10 16 ↗	10 16 ↗	12 17 ↗	12 17 ↗	13 17 ↗	13 18 ↗	13 20 ↗	13 20 ↗	13 20 ↗	13 20 ↗

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Houston Pilots: MON. 12/9/2024



Forecast Discussion

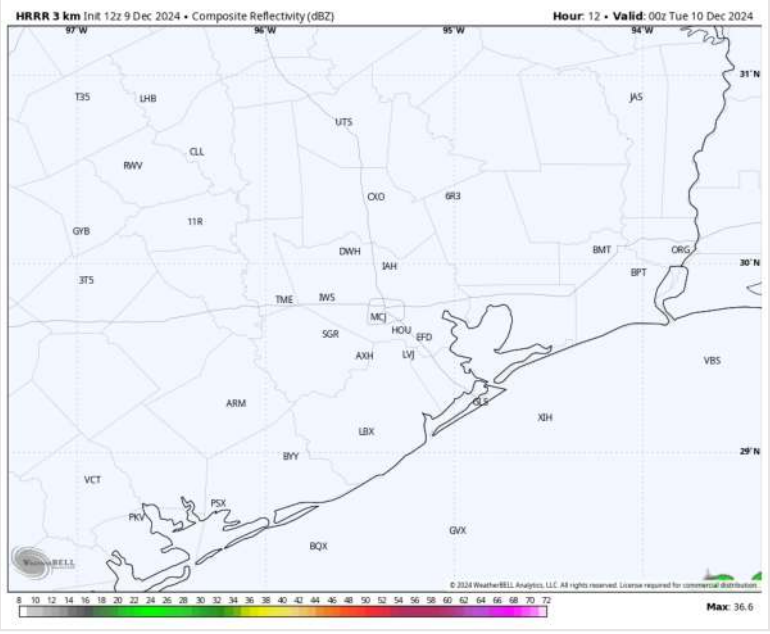
Precip: Dry conditions are favored for the remainder of the day.

Wind: Winds will be out of the WSW throughout the rest of the day. **N of Morgan's Point:** Winds will be at 4 – 9 kts throughout the rest of the day. **S of Morgan's Point:** Winds will be at 7 – 12 kts for the rest of the day. Winds may be slightly higher at 11 -16 kts near the Boarding Station through 9 PM, **with wind gusts of 20-25 kts through 7 PM.**

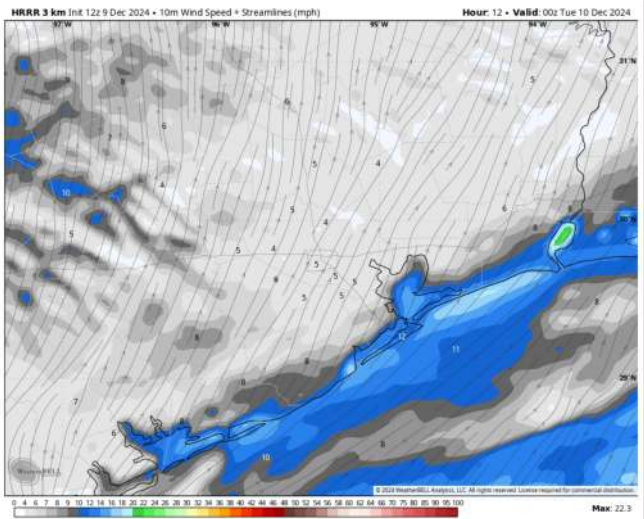
Low Temps: **N of Morgan's Point:** Mid 50s F. **S of Morgan's Point:** Mid to upper 50s F.

Visibility: Watching for dense fog to develop by 9PM tonight and linger into TUE AM.

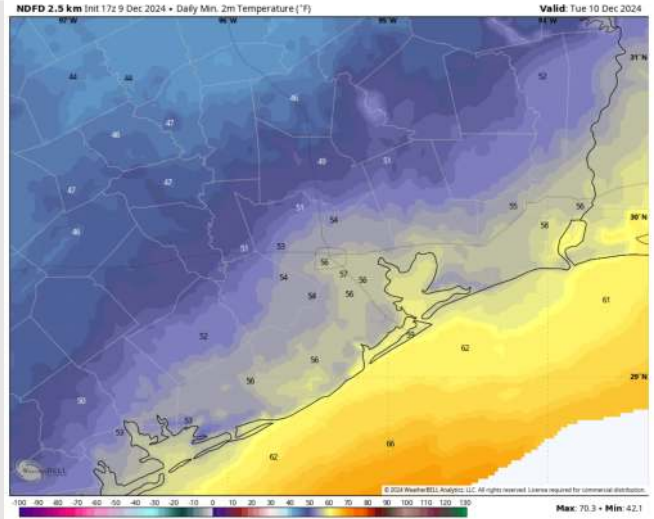
Precip Image: 6 PM CT



Wind Speed 6 PM CT



Wind Speed
6 PM CT



Low Temps
TUE AM

Houston Pilots: TUE. 12/10/2024



Forecast Discussion

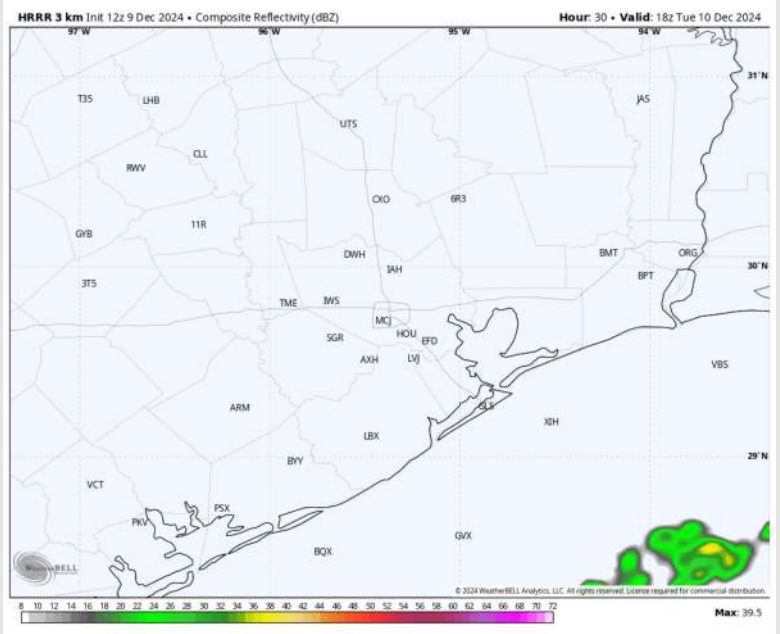
Precip: Favoring dry conditions for Tuesday.

Wind: Winds will be out of the N/NW through the day. **N of Morgan's Point:** Winds will be at 4 - 9 kts through 12 PM before increasing to 9 - 14 kts for the rest of Tuesday. **S of Morgan's Point:** Winds will be at 10 - 15 kts throughout the morning, and then slowly increasing throughout the afternoon. Winds will reach 20 - 25 kts by 3 PM, remaining there for the rest of the day. **Wind gusts of 30 - 35 kts will be in play for Stations S of Morgan's Point after 4 PM Tuesday.**

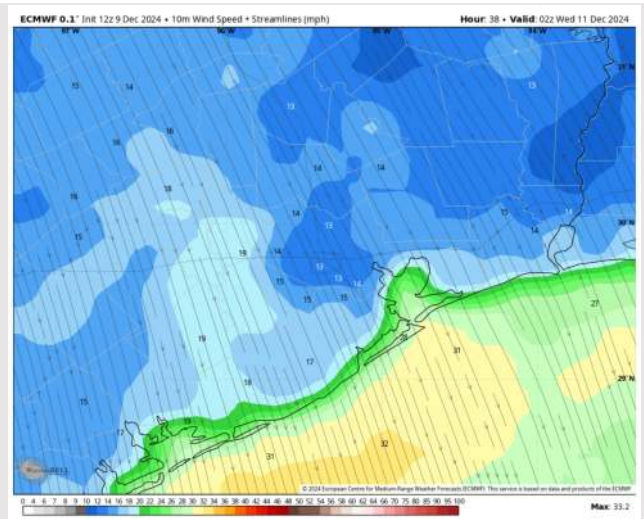
High Temps: **N of Morgan's Point:** Mid-60s F. **S of Morgan's Point:** Mid-60s F.

Visibility: Monitoring for sea fog risk early TUE AM. See visibility report for more details.

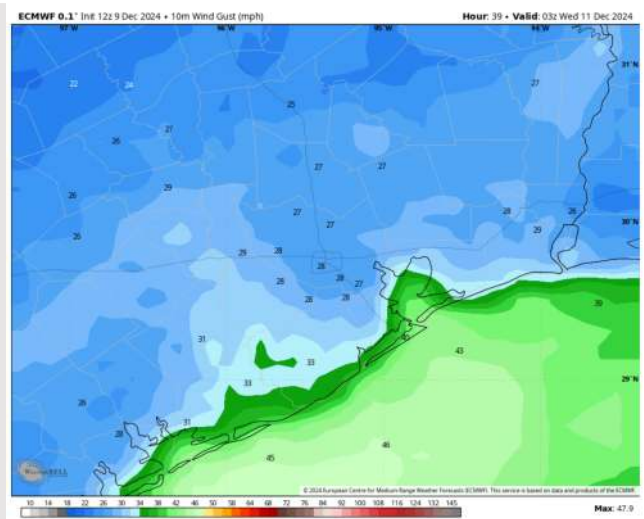
Precip Image: 12 PM CT



Wind Speed:
8 PM CT



Wind Gusts
9 PM CT



Forecast Discussion

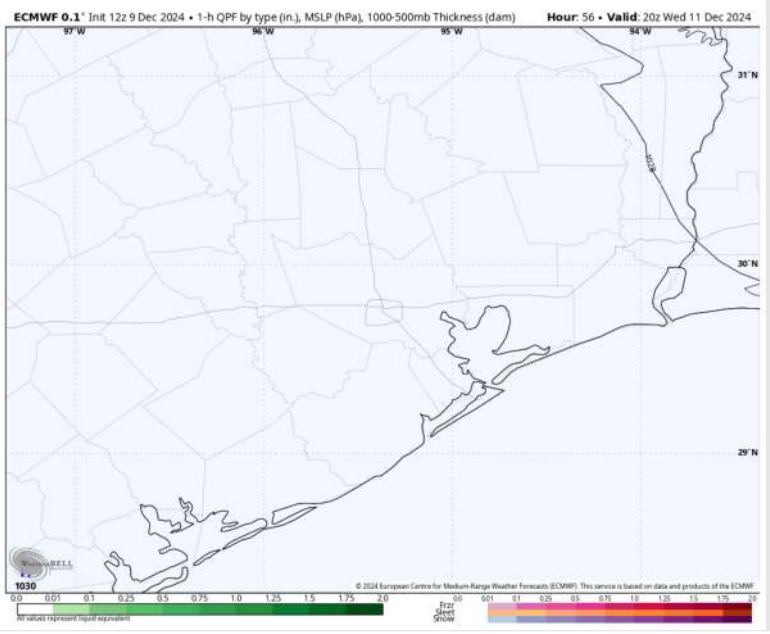
Precip: Dry conditions favored for Wednesday.

Wind: Winds will be out of the N/NW throughout the day. **N of Morgan's Point:** Winds initially at 7-12 kts will decrease to 2-7 kts by 5 AM and remain at that clip for the rest of the day. **S of Morgan's Point:** Winds initially at 20-25 kts will decrease throughout the morning, settling at 5-10 kts after 11 AM and for the remainder of the evening. **Wind gusts of 30-35 kts in play for Stations S of Morgan's Point through 8 AM.**

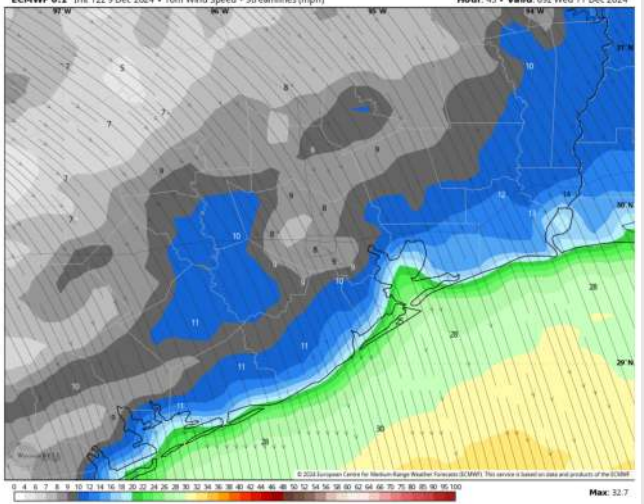
High Temps: **N of Morgan's Point:** Low 60s F. **S of Morgan's Point:** High 50s F to near 60 F.

Visibility: No visibility concerns for Wednesday.

Precip Image: 2 PM CT

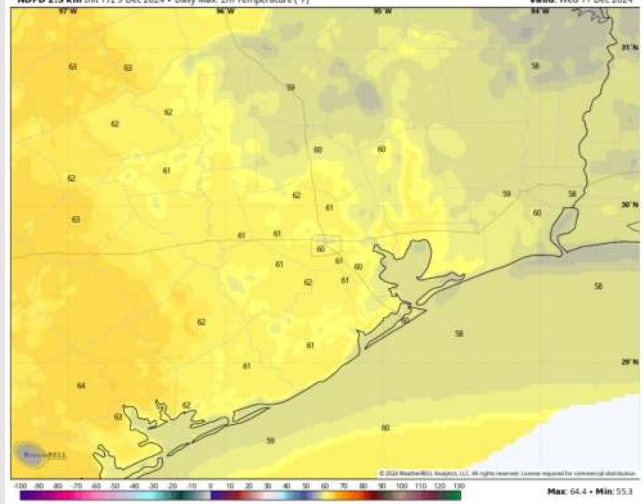


ECMWF 0.1' Init 12z 9 Dec 2024 • 10m Wind Speed + Streamlines (mph) Hour: 45 • Valid: 09z Wed 11 Dec 2024



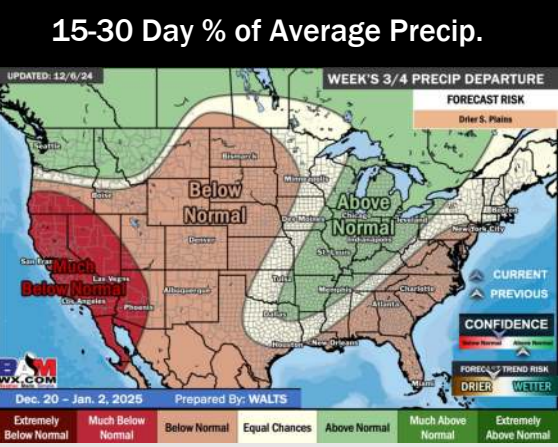
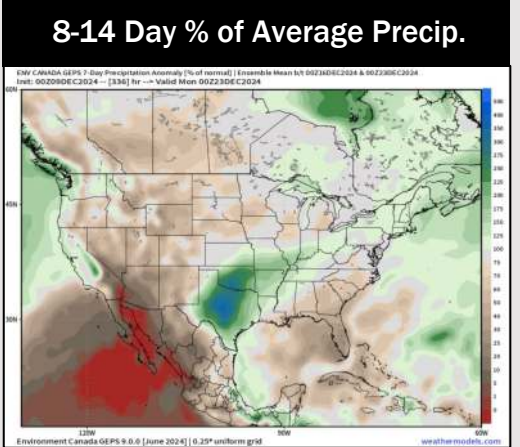
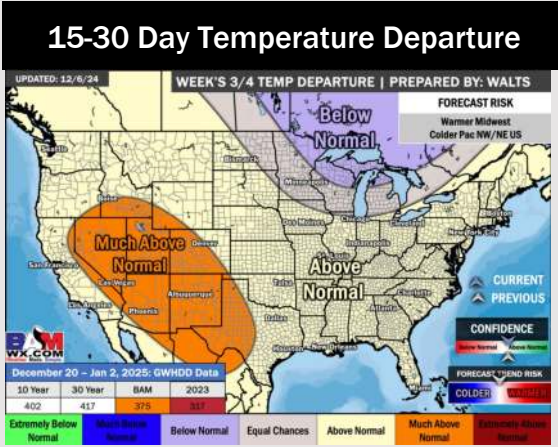
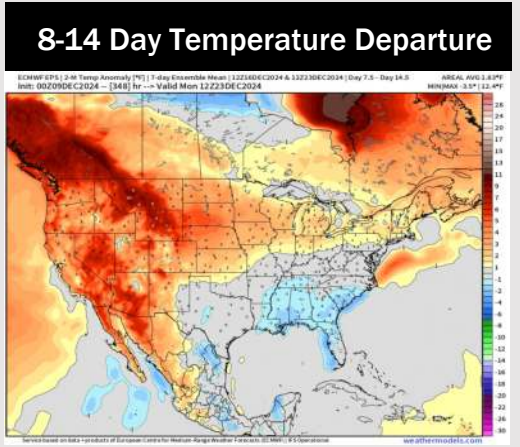
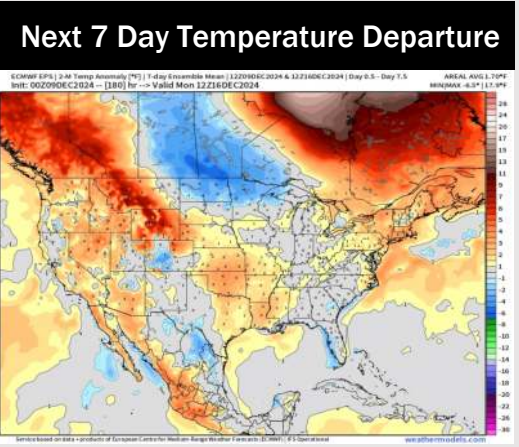
Wind Speed:
3 AM CT

NDFD 2.5 km Init 17z 9 Dec 2024 • Daily Max 2m Temperature (°F) Valid: Wed 11 Dec 2024



High Temps
Wednesday

Houston Pilots: 12/9/24



- Temps are expected to be above normal for the week 1 timeframe. Dry conditions favored through the week with rain chances arriving by the weekend.
- Near normal temperatures are favored for week 2. Favoring above normal rainfall week 2.
- Above normal temperatures and below-normal precipitation chances are expected for the weeks 3/4 timeframe.