

Houston Pilots Forecast Package



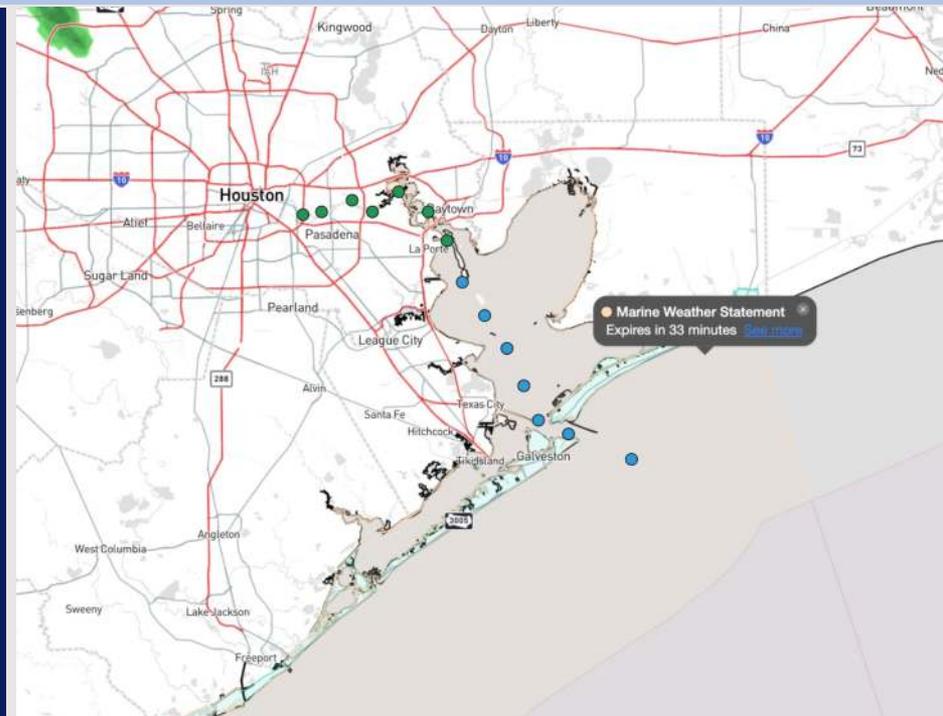
Updated: 1:30 AM CT

Saturday, December 14, 2024

Forecaster: Xander Lowry

Weather Headlines

- Elevated Wave Heights of 3' – 5' are favored throughout today for the boarding station
- Scattered showers and storms will be possible throughout today.
- **Widespread Sea Fog will be possible into the weekend and to start the new week. Check Visibility slides for both SAT and SUN**



Current Radar: 1:30 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.



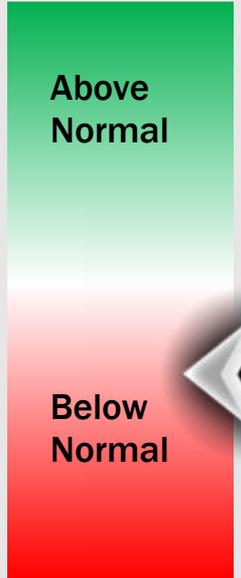
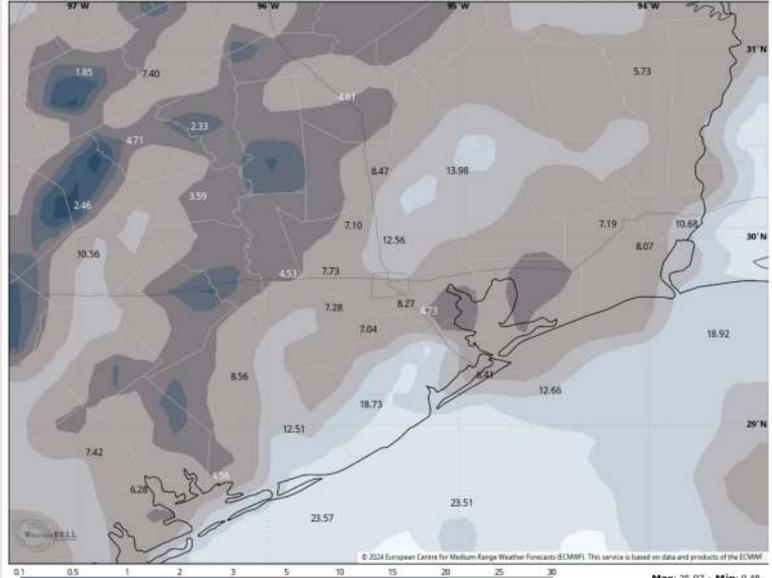
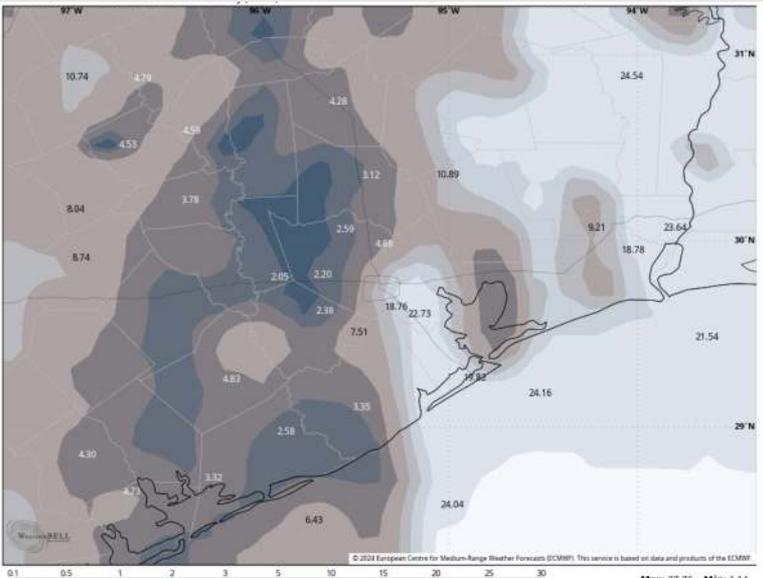
Houston Pilots Visibility Report



3 AM CST SAT VISIBILITY

8 AM CST SAT VISIBILITY

Confidence



TIMEFRAME DISCUSSED	THREAT
Current to 12 PM SAT	Medium

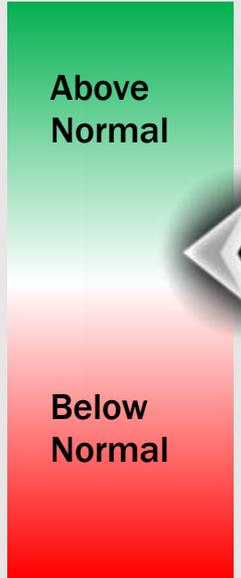
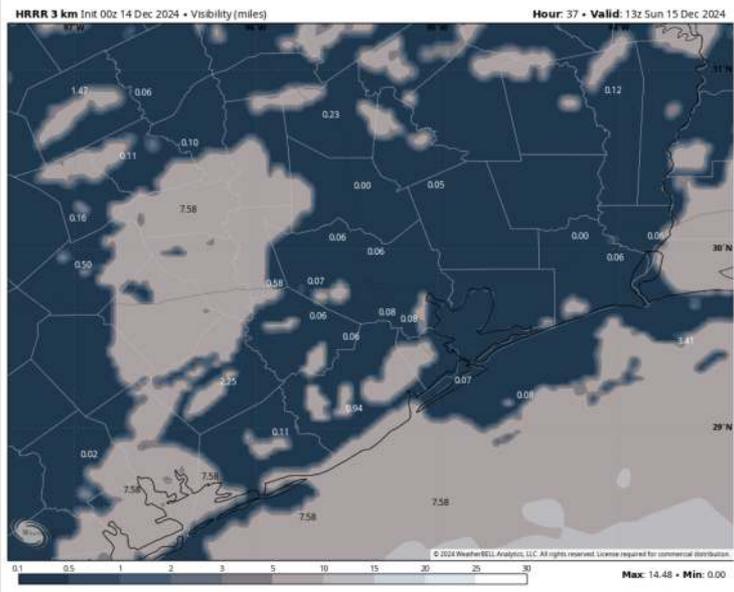
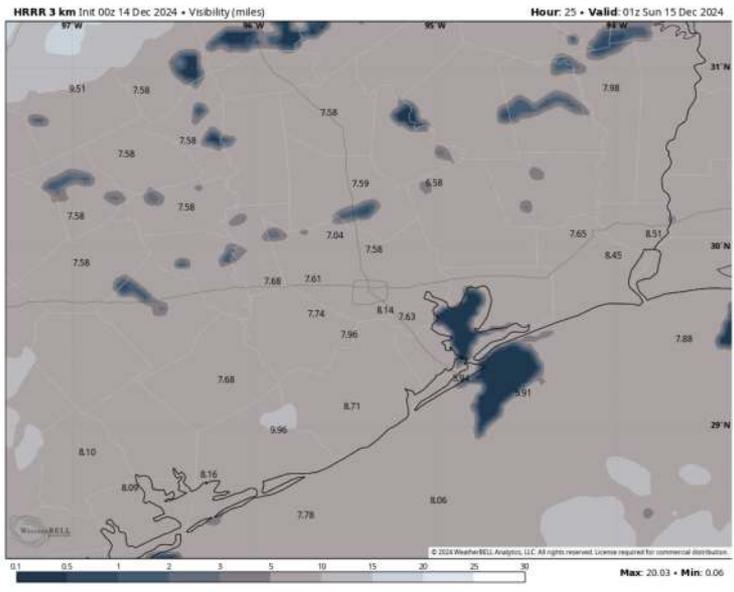
- Recent observations continue to indicate conditions for Sea Fog to mix in with showers/mist this morning, with the threat slowly increasing into the early morning (~3 AM)
- The greatest timeframe of risk will be between 3 AM and 9 AM SAT, with pockets of <1.0-mile visibility S of Morgan's Point. Stations N of Morgan's Point will be at risk for 2 - 4-mile visibility
- While after 9 AM SAT we do favor the Sea Fog to begin to dissipate/retract from the bay. Lingering pockets can be possible through 12 PM.
- Data will struggle to see this threat by underdoing potential. This includes the images shown above.

Houston Pilots Visibility Report



7 PM CST SAT VISIBILITY 7 AM CST SUN VISIBILITY

Confidence



TIMEFRAME DISCUSSED	THREAT
9 PM SAT to 9 AM MON	High

- Sea Fog risks are favored to begin to work back in starting as early as 6 PM SAT for all stations and continuing throughout the rest of the evening and into the morning on SUN.
- The greatest timeframe of risk will be between 11 PM SAT and 12 PM SUN, with pockets of <0.5-mile visibility S of Morgan's Point. Visibility of <2.0 miles will be possible for stations N of Morgan's Point.
- After 12 PM SUN, conditions are favored to remain semi-favorable for Sea Fog throughout the rest of the day Sunday and into early morning for stations S of Morgan's Point. Risk will be for pockets of < 2.0-mile visibility.
- By 12 AM MON conditions will further deteriorate, with Sea Fog risks exiting by 9 AM MON.

Houston Pilots Extended Range Visibility Report



Tuesday 12/17/24

Patchy to widespread sea fog will be possible for Tuesday AM. Delayed timing of storms TUE PM have increase sea fog potential late TUE before storm arrival



Thursday 12/19/24

Fog is not favored Thursday



Wednesday 12/18/24

Prior to the arrival of storms early WED AM. Patchy sea fog will be possible. Due to the passing cold front fog risks are not favored WED PM.



Chance for Fog

Tuesday AM	Med-High
Tuesday PM	Medium
Wednesday AM	Med-High
Wednesday PM	Unlikely
Thursday AM	Unlikely
Thursday PM	Unlikely

Houston Pilots Visibility Chart (miles)



Forecast Confidence



Visibility	Sat 2 am	Sat 3 am	Sat 4 am	Sat 5 am	Sat 6 am	Sat 7 am	Sat 8 am	Sat 9 am	Sat 10 am	Sat 11 am	Sat 12 pm	Sat 1 pm	Sat 2 pm	Sat 3 pm	Sat 4 pm	Sat 5 pm	Sat 6 pm	Sat 7 pm	Sat 8 pm	Sat 9 pm	Sat 10 pm	Sat 11 pm	Sun 12 am	Sun 1 am
Houston Pilots N - 610 Bridge	2.5	2.9	2.9	2.9	3.9	3.9	3.9	3.9	3.9	5.9	6.9	9	7.9	7.9	7.9	7.9	7.9	7.9	6.9	6.9	5.9	4.9	2.9	2.9
Houston Pilots M - Kinder 1	2.9	2.9	2.9	2.9	3.9	3.9	3.9	3.9	3.9	5.9	6.9	7.9	6.9	7.9	6.9	7.9	7.9	7.9	6.9	6.9	5.9	4.9	2.9	2.9
Houston Pilots L - Greens Bayou	2.9	2.9	2.9	2.9	3.9	3.9	3.9	3.9	3.9	5.9	6.9	7.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	5.9	5.9	4.9	2.9	2.9
Houston Pilots K - Shell Crude	2.9	2.9	2.9	2.9	3.9	3.9	3.9	3.9	3.9	5.9	6.9	7.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	5.9	5.9	4.9	2.9	2.9
Houston Pilots J - Lynchburg Ferries	2.9	3.9	3.9	2.9	3.9	3.9	3.9	3.9	3.9	5.9	6.9	7.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	5.9	5.9	4.9	2.9	2.9
Houston Pilots I - Exxon 3	2.9	3.9	3.9	2.9	3.9	3.9	3.9	3.9	3.9	5.9	6.9	7.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	5.9	5.9	4.9	2.9	2.9
Houston Pilots H - Morgans Point	2.9	3.9	3.9	3.9	3.9	3.9	4.9	3.9	3.9	5.9	6.9	7.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	5.9	5.9	4.9	2.9	2.5
Houston Pilots G - 75/76	10	10	10	10	10	10	10	6.9	5.9	6.9	7.9	7.9	6.9	2.9	4.9	6.9	4.9	5.9	6.9	4.9	3.9	4.9	2.9	0.2
Houston Pilots F - 63/64	10	10	10	10	10	10	10	6.9	5.9	7.9	7.9	7.9	7.9	2.9	9	9	4.9	9	6.9	6.9	3.9	4.9	3.9	0.2
Houston Pilots E - 51/52	10	10	10	10	10	10	10	7.9	6.9	7.9	7.9	7.9	9	9	9	10	9	10	7.9	6.9	6.9	5.9	4.9	0.2
Houston Pilots D - 37/38	10	10	10	10	10	10	10	7.9	6.9	7.9	7.9	9	9	9	10	10	9	10	9	7.9	6.9	5.9	4.9	0.2
Houston Pilots C - 25/26	10	10	10	10	10	10	10	7.9	7.9	9	10	9	10	10	10	10	10	10	10	9	6.9	6.9	4.9	0.2
Houston Pilots B - 11/12	10	10	10	10	10	10	10	7.9	7.9	10	9	9	9	10	10	10	9	10	10	9	7.9	6.9	5.9	1.1
Houston Pilots A - 1 & 2 Bravo	10	10	10	10	10	10	10	9	9	10	9	9	9	10	10	10	9	10	10	9	7.9	6.9	5.9	4

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	Sat 2 am	Sat 3 am	Sat 4 am	Sat 5 am	Sat 6 am	Sat 7 am	Sat 8 am	Sat 9 am	Sat 10 am	Sat 11 am	Sat 12 pm	Sat 1 pm	Sat 2 pm	Sat 3 pm	Sat 4 pm	Sat 5 pm	Sat 6 pm	Sat 7 pm	Sat 8 pm	Sat 9 pm	Sat 10 pm	Sat 11 pm	Sun 12 am	Sun 1 am
Houston Pilots N - 610 Bridge	10 21 ↖	9 20 ↖	8 18 ↖	8 17 ↖	8 17 ↖	7 15 ↖	7 15 ↖	6 14 ↖	6 14 ↖	7 15 ↖	7 15 ↖	7 15 ↖	7 15 ↖	7 15 ↖	7 15 ↖	6 14 ↖	6 12 ↖	6 10 ↖	5 10 ↖	3 9 ↖	3 9 ↖	3 8 ↖	3 8 ↖	3 8 ↖
Houston Pilots M - Kinder 1	10 22 ↖	9 20 ↖	8 20 ↖	8 17 ↖	8 17 ↖	7 16 ↖	7 15 ↖	6 14 ↖	6 14 ↖	7 15 ↖	7 15 ↖	7 15 ↖	7 15 ↖	7 15 ↖	7 15 ↖	6 14 ↖	6 12 ↖	6 10 ↖	5 10 ↖	3 9 ↖	3 9 ↖	3 8 ↖	3 8 ↖	3 8 ↖
Houston Pilots L - Greens Bayou	10 22 ↖	10 21 ↖	9 20 ↖	8 17 ↖	8 17 ↖	7 16 ↖	7 15 ↖	7 15 ↖	6 14 ↖	6 14 ↖	7 15 ↖	7 15 ↖	8 16 ↖	8 16 ↖	8 16 ↖	7 15 ↖	6 14 ↖	6 12 ↖	5 10 ↖	5 9 ↖	3 9 ↖	3 8 ↖	3 8 ↖	3 8 ↖
Houston Pilots K - Shell Crude	10 22 ↖	10 21 ↖	9 20 ↖	8 17 ↖	8 17 ↖	8 16 ↖	7 15 ↖	7 15 ↖	7 15 ↖	7 15 ↖	8 16 ↖	8 16 ↖	8 16 ↖	8 16 ↖	8 16 ↖	7 15 ↖	6 13 ↖	6 10 ↖	5 10 ↖	5 9 ↖	3 9 ↖	3 8 ↖	3 8 ↖	3 8 ↖
Houston Pilots J - Lynchburg Ferries	10 22 ↖	9 21 ↖	8 20 ↖	8 18 ↖	8 17 ↖	7 16 ↖	7 15 ↖	7 15 ↖	7 15 ↖	8 16 ↖	8 16 ↖	8 16 ↖	8 16 ↖	8 16 ↖	8 15 ↖	7 14 ↖	6 13 ↖	6 10 ↖	5 9 ↖	3 9 ↖	3 8 ↖	3 8 ↖	3 8 ↖	3 8 ↖
Houston Pilots I - Exxon 3	16 23 ↖	15 22 ↖	14 20 ↖	13 20 ↖	13 18 ↖	12 17 ↖	10 16 ↖	10 16 ↖	9 16 ↖	9 16 ↖	9 16 ↖	9 17 ↖	9 17 ↖	10 17 ↖	10 16 ↖	9 16 ↖	9 14 ↖	8 13 ↖	8 12 ↖	7 12 ↖	7 10 ↖	6 10 ↖	6 9 ↖	6 9 ↖
Houston Pilots H - Morgans Point	15 23 ↖	15 21 ↖	13 20 ↖	13 18 ↖	13 17 ↖	10 16 ↖	10 16 ↖	10 16 ↖	9 16 ↖	9 16 ↖	9 16 ↖	9 16 ↖	10 16 ↖	10 16 ↖	9 16 ↖	9 15 ↖	8 14 ↖	8 13 ↖	8 12 ↖	7 10 ↖	7 9 ↖	6 9 ↖	6 9 ↖	6 9 ↖
Houston Pilots G - 75/76	17 24 ↖	16 23 ↖	15 22 ↖	15 21 ↖	14 20 ↖	13 18 ↖	13 18 ↖	12 17 ↖	10 16 ↖	10 16 ↖	10 16 ↖	9 16 ↖	9 16 ↖	10 16 ↖	10 16 ↖	9 16 ↖	9 14 ↖	8 13 ↖	8 12 ↖	8 12 ↖	8 10 ↖	7 10 ↖	7 9 ↖	7 9 ↖
Houston Pilots F - 63/64	16 24 ↖	15 23 ↖	15 21 ↖	14 21 ↖	14 20 ↖	13 18 ↖	13 18 ↖	12 17 ↖	10 16 ↖	10 16 ↖	9 16 ↖	9 16 ↖	9 16 ↖	9 16 ↖	9 16 ↖	9 15 ↖	8 14 ↖	8 13 ↖	8 12 ↖	8 12 ↖	8 10 ↖	7 10 ↖	7 9 ↖	7 9 ↖
Houston Pilots E - 51/52	15 23 ↖	15 22 ↖	14 21 ↖	13 20 ↖	13 18 ↖	13 17 ↖	12 16 ↖	10 16 ↖	10 16 ↖	10 16 ↖	9 16 ↖	9 16 ↖	9 16 ↖	8 16 ↖	8 15 ↖	8 15 ↖	8 13 ↖	8 12 ↖	8 12 ↖	8 10 ↖	7 10 ↖	7 9 ↖	6 9 ↖	6 9 ↖
Houston Pilots D - 37/38	15 23 ↖	15 22 ↖	14 20 ↖	13 20 ↖	13 18 ↖	13 17 ↖	12 16 ↖	10 16 ↖	10 16 ↖	10 16 ↖	9 16 ↖	9 16 ↖	9 16 ↖	8 15 ↖	8 15 ↖	8 14 ↖	8 13 ↖	8 12 ↖	8 12 ↖	7 10 ↖	7 10 ↖	7 9 ↖	6 9 ↖	6 9 ↖
Houston Pilots C - 25/26	15 23 ↖	14 22 ↖	13 20 ↖	13 20 ↖	13 18 ↖	12 17 ↖	12 16 ↖	10 16 ↖	10 16 ↖	10 16 ↖	10 16 ↖	9 16 ↖	9 16 ↖	8 15 ↖	8 15 ↖	8 14 ↖	8 13 ↖	8 12 ↖	7 12 ↖	7 10 ↖	7 10 ↖	6 9 ↖	6 9 ↖	6 9 ↖
Houston Pilots B - 11/12	13 22 ↖	13 21 ↖	12 20 ↖	12 18 ↖	12 17 ↖	10 16 ↖	10 16 ↖	10 16 ↖	10 16 ↖	10 16 ↖	10 16 ↖	9 15 ↖	9 15 ↖	8 15 ↖	8 15 ↖	8 14 ↖	8 12 ↖	7 12 ↖	7 12 ↖	6 10 ↖	6 10 ↖	6 9 ↖	6 9 ↖	6 9 ↖
Houston Pilots A - 1 & 2 Bravo	15 23 ↖	15 22 ↖	14 21 ↖	14 21 ↖	14 21 ↖	13 20 ↖	13 20 ↖	13 18 ↖	12 18 ↖	10 17 ↖	10 17 ↖	9 16 ↖	9 15 ↖	8 15 ↖	8 14 ↖	8 14 ↖	8 13 ↖	8 13 ↖	8 13 ↖	8 12 ↖	8 12 ↖	8 12 ↖	8 10 ↖	7 10 ↖

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

Houston Pilots: SAT. 12/14/2024



Forecast Discussion

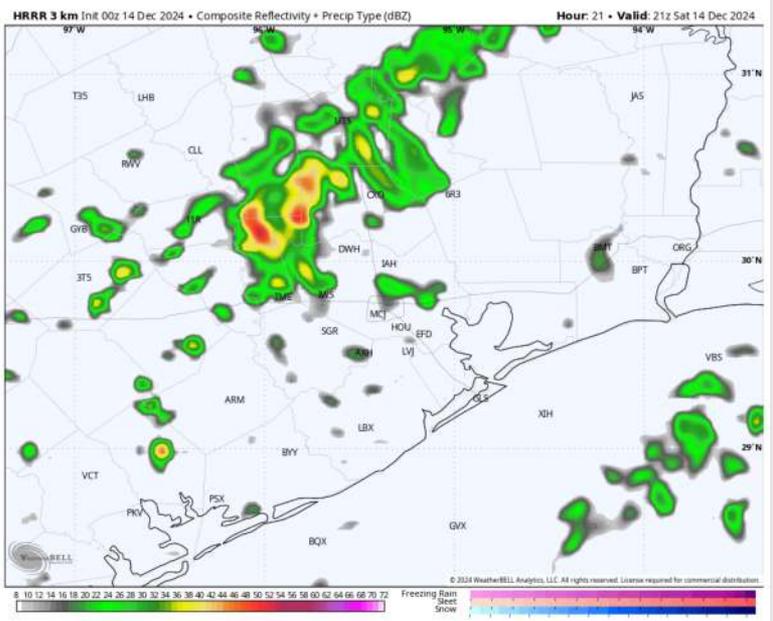
Precip: Scattered showers (30-40%) and storms will be favored 12 AM – 3 PM. Isolated (10%) chances of light drizzles will linger after 3 PM and for the rest of the day.

Wind: Winds will be out of the SE throughout the day. **N of Morgan's Point:** Winds will be at 4 - 9 kts throughout the day. **S of Morgan's Point:** Winds will be at 10 -15 kts through 12PM before decreasing to 4 – 9 kts for the rest of the day.

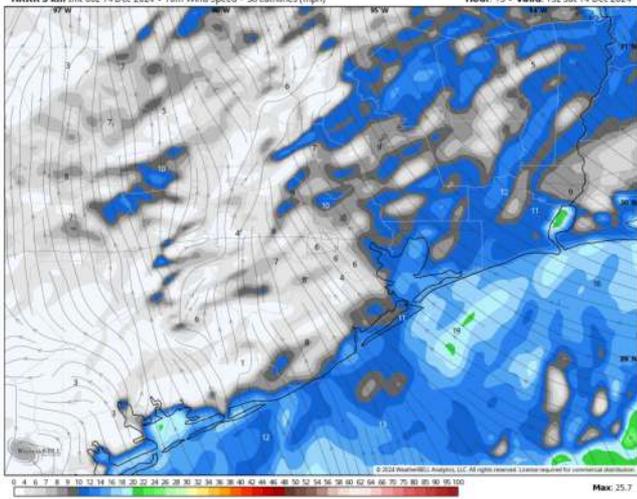
High Temps: **N of Morgan's Point:** Mid-70s F. **S of Morgan's Point:** Upper 60s F.

Visibility: Sea Fog risks will be possible this morning and this evening. Check the corresponding visibility slide for each timeframe.

Precip Image: 3 PM CT

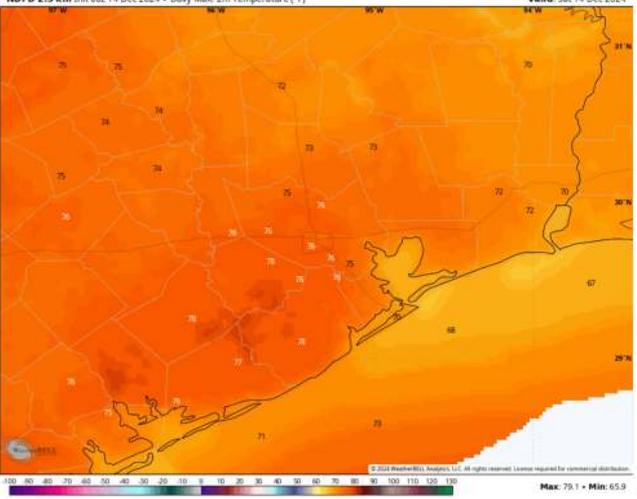


HRRR 3 km Init 00z 14 Dec 2024 • 10m Wind Speed • Streamlines (mph) Hour: 13 • Valid: 13z Sat 14 Dec 2024



Wind Speed:
7 AM CT

NDFD 2.5 km Init 06z 14 Dec 2024 • Daily Max, 2m Temperature (°F) Valid: Sat 14 Dec 2024



High Temps
Today

Houston Pilots: SUN. 12/15/2024



Forecast Discussion

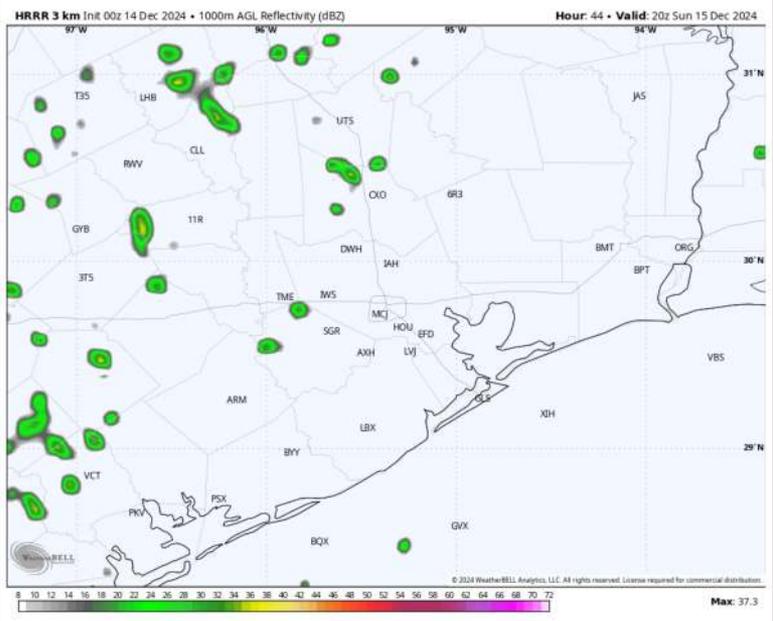
Precip: Outside of isolated drizzle between 6 AM – 4 PM, dry conditions are favored for the day Sunday.

Wind: Winds will be out of the SE throughout Sunday. **N of Morgan's Point:** Winds will be at 4 – 9 kts through the day Sunday. **S of Morgan's Point:** Winds will be at 3 – 8 kts through 10 AM, before increasing to 8 – 13 kts for the rest of the day.

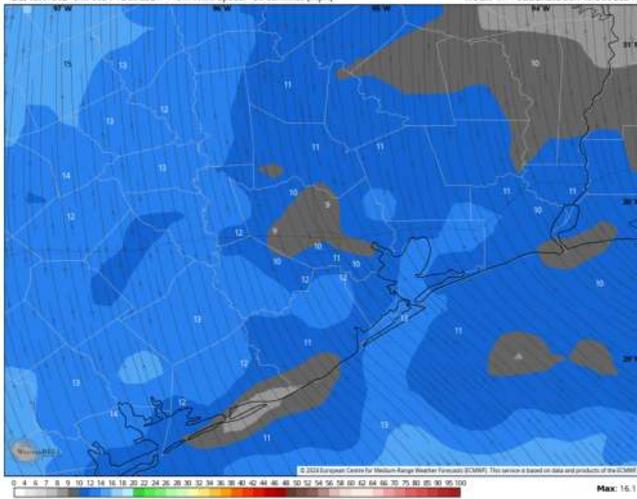
High Temps: **N of Morgan's Point:** Upper 70s F. **S of Morgan's Point:** Upper 60s F.

Visibility: Favoring Sea Fog risks SUN AM. Check the visibility slide for more info.

Precip Image: 2 PM CT

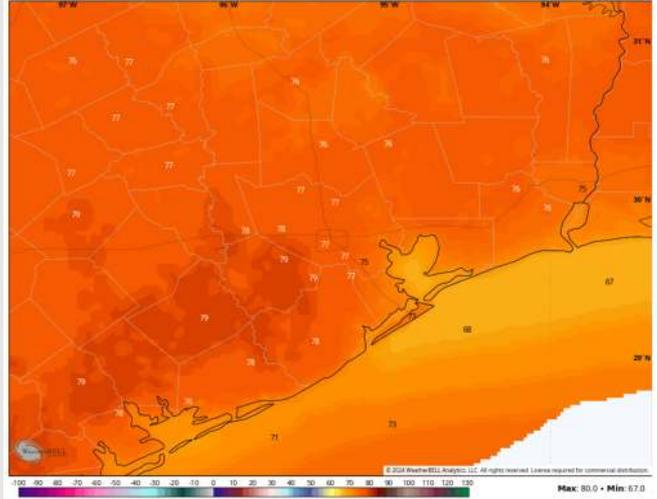


ECMWF 0.1° Init 00z 14 Dec 2024 • 10m Wind Speed • Streamlines (mph) Hour: 44 • Valid: 20z Sun 15 Dec 2024



Wind Speed
2 PM CT

NDFD 2.5 km Init 06z 14 Dec 2024 • Daily Max, 2m Temperature (°F) Valid: Sun 15 Dec 2024



High Temps
Sunday

Forecast Discussion

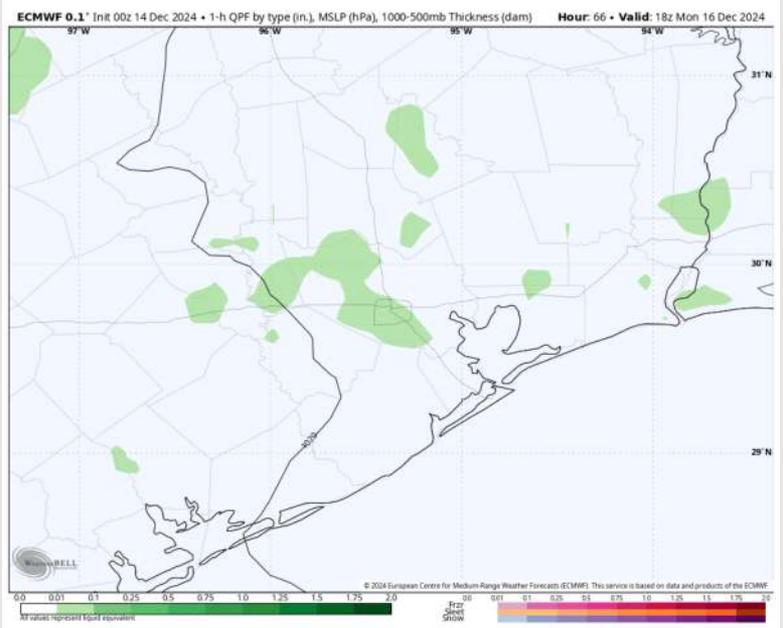
Precip: Isolated (20% - 30%) showers to be possible after 12 PM Monday and throughout the rest of the day Monday.

Wind: Winds will be out of the ESE throughout Monday. **N of Morgan's Point:** Winds will be at 3 – 8 kts for the rest of the day. **S of Morgan's Point:** Winds will be at 6 – 11 kts throughout the day Monday.

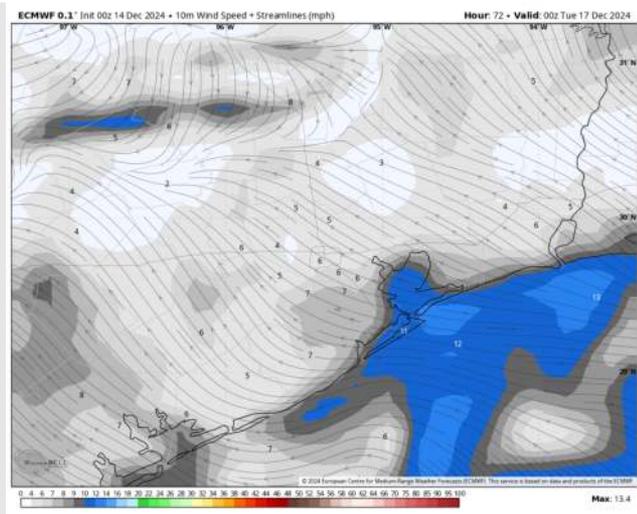
High Temps: **N of Morgan's Point:** Low 70s F. **S of Morgan's Point:** Upper 60s F.

Visibility: Monitoring patchy Sea Fog risks for early morning MON. Check the corresponding visibility slide for more information. Sea Fog Risks are also favored to return MON PM.

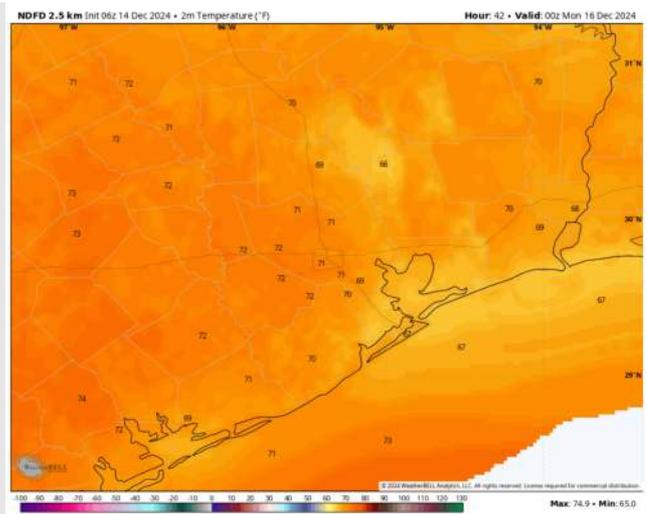
Precip Image: 12 PM CT



Wind Speed:
6 PM CT

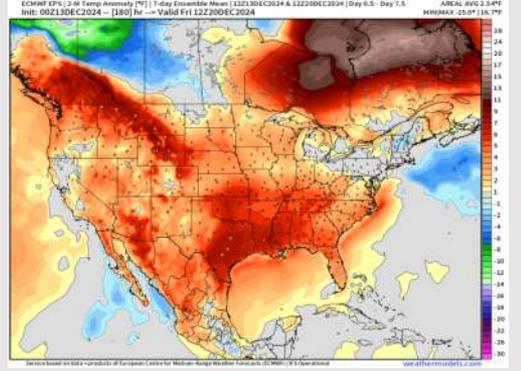


High Temps
Monday

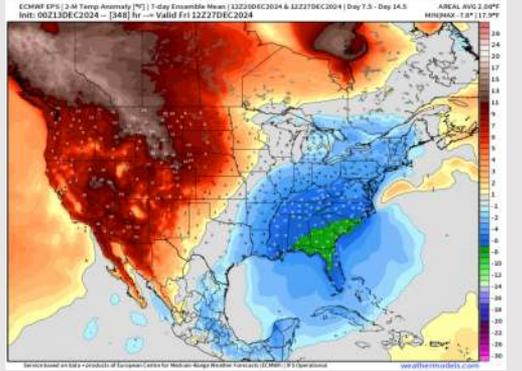


Houston Pilots: 12/14/24

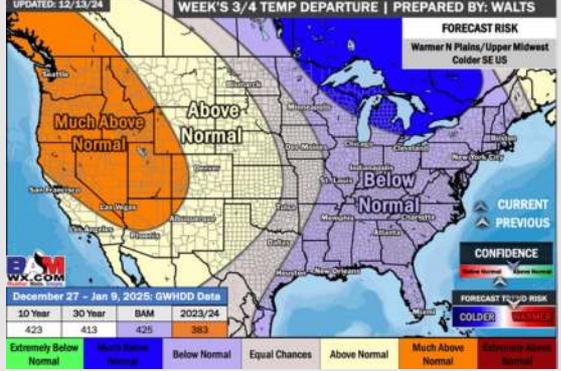
Next 7 Day Temperature Departure



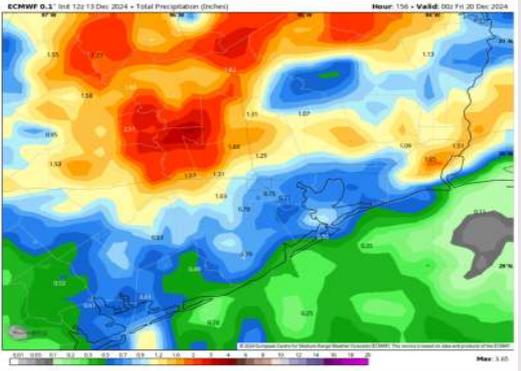
8-14 Day Temperature Departure



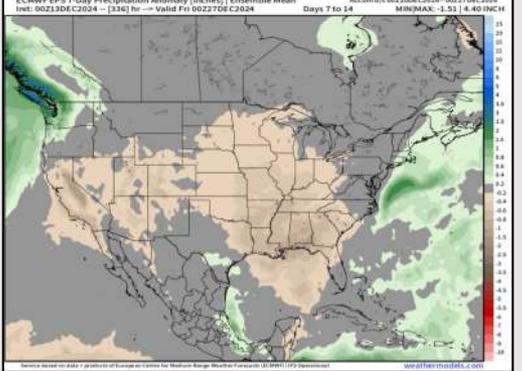
15-30 Day Temperature Departure



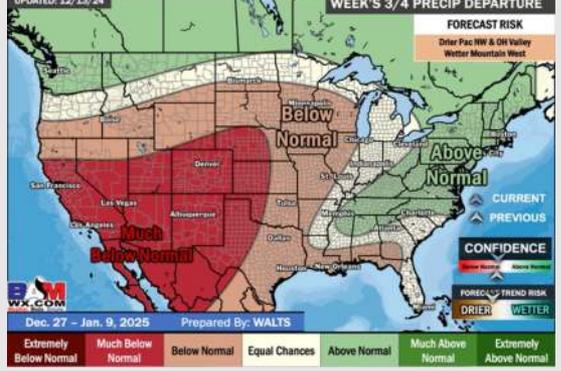
Next 7 Day Total Precipitation



8-14 Day % of Average Precip.



15-30 Day % of Average Precip.



- Temps are expected to be above normal for the week 1 timeframe. Rain chances will continue for the start of the weekend.
- Below-normal temperatures are favored for week 2. Favoring near normal rainfall week 2.
- Near normal temperatures and below-normal precipitation chances are expected for the weeks 3/4 timeframe.