

Houston Pilots Forecast Package



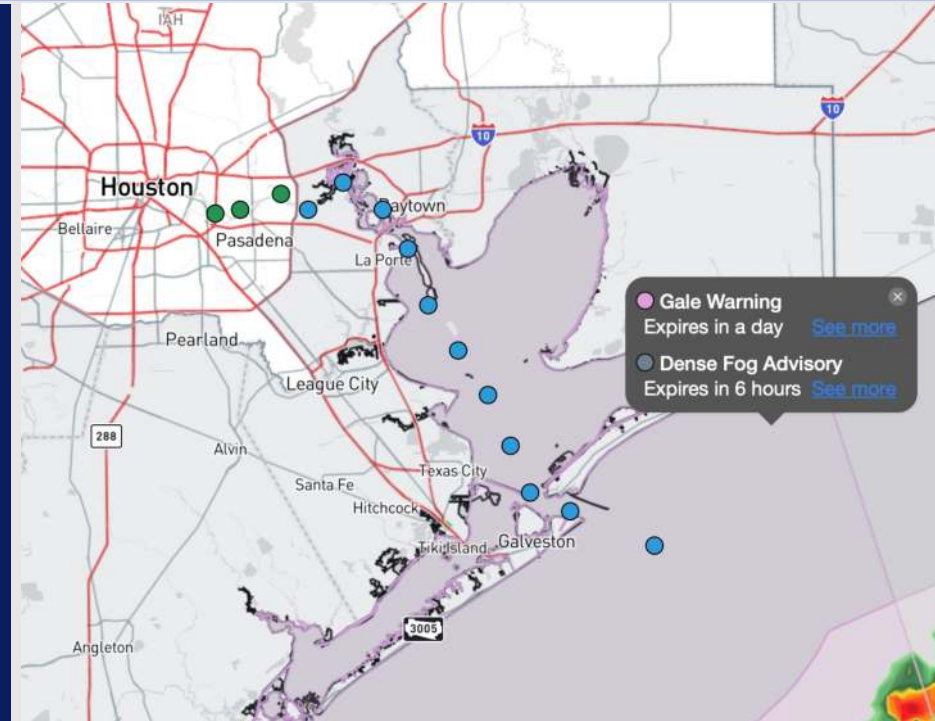
Updated: 12:15 AM CT

Tuesday, December 10, 2024

Forecaster: Tyler Riggles

Weather Headlines

- **Monitoring a med-high end risk of Sea Fog this AM. Check the visibility slide for more information!**
- **Gusty winds of 30-35 kts likely this PM and WED AM.**
- **Increased wave heights of 3' – 4' favored for the PM hours today. See Wave Height Update slide for more details!**

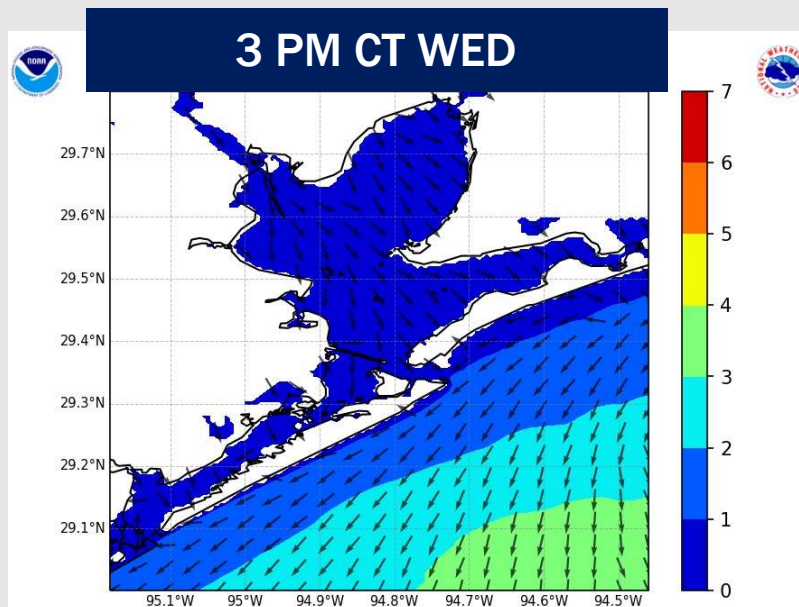
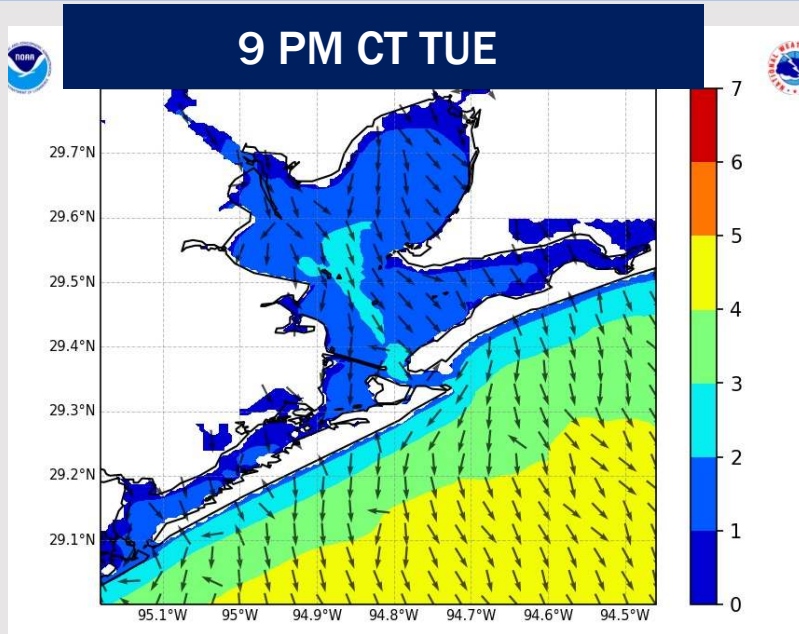


Current Radar: 12:11 AM CT



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



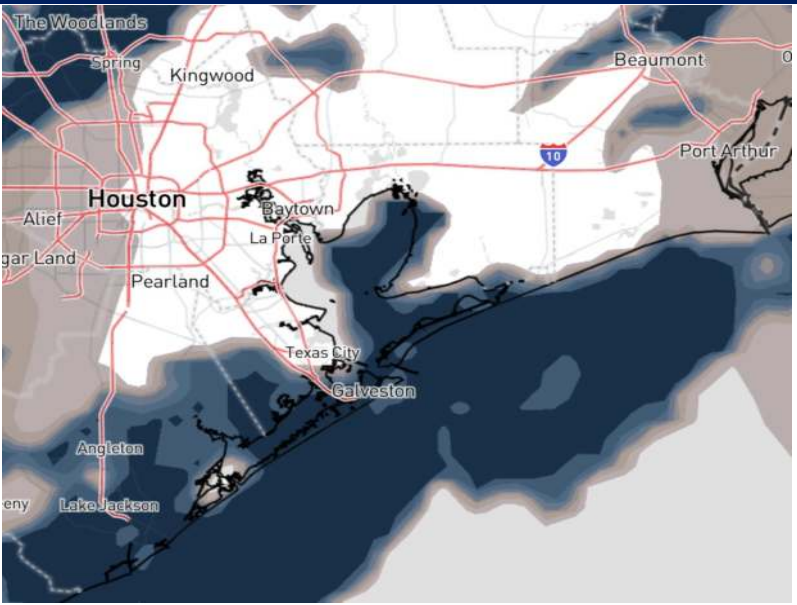
Wave heights are anticipated to increase to 3' – 4' at the Boarding Station by 9PM TUE.

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.

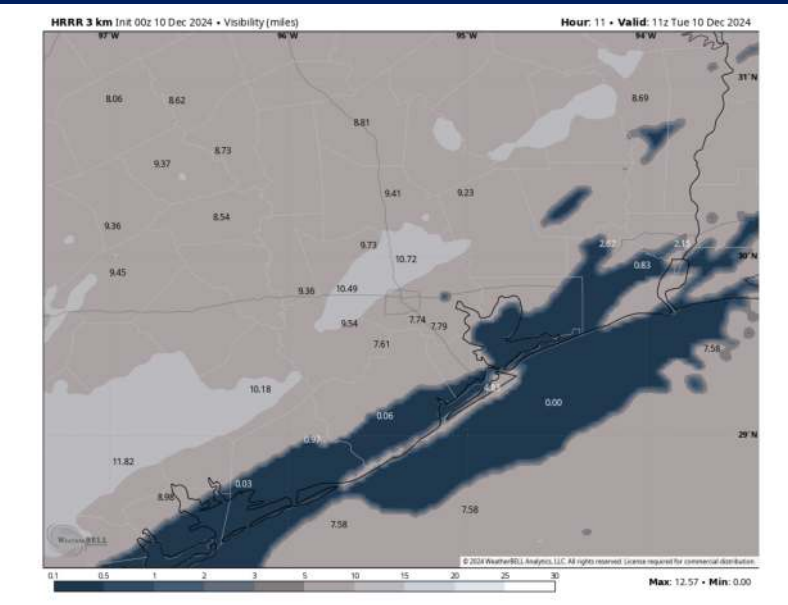
Houston Pilots Visibility Report



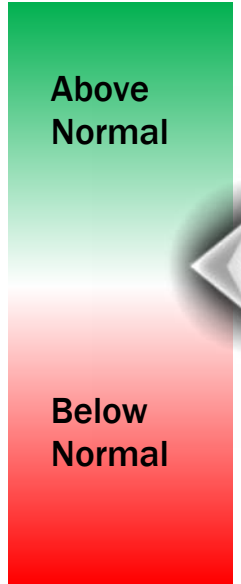
CURRENT VISIBILITY (11:30 PM CST)



5 AM CT TUE VISIBILITY



Confidence



TIMEFRAME DISCUSSED	THREAT
Current - 9AM TUE	Med-High

- Greatest risk for dense sea fog expected to continue for all Stations through 6 AM.
- 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 3AM which may help gradually improve visibility, however, 2 - 4 mile visibility will still linger until 9 AM, with localized pockets of 1 mile visibility possible.

Houston Pilots Extended Range Visibility Report



Friday 12/13/24

Fog not favored for FRI.



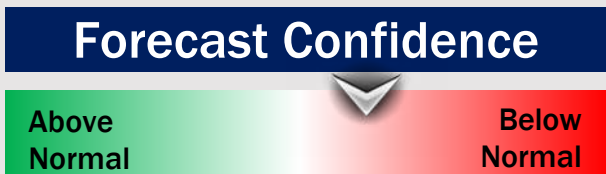
Saturday 12/14/24

Fog not favored for SAT.



Sunday 12/15/24

Monitoring potential for widespread sea fog on SUN AM. Lower confidence on if this threat can linger into the PM at this time.



Chance for Fog

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

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	1.1	1.1	0.7	2.9	3.9	5.9	6.9	6.9	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
Houston Pilots M - Kinder 1	1.1	1.1	0.7	2.9	3.9	5.9	6.9	6.9	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
Houston Pilots L - Greens Bayou	1.1	1.1	0.7	2.9	3.9	4.9	6.9	6.9	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
Houston Pilots K - Shell Crude	1.1	1.1	0.7	2.9	3.9	4.9	6.9	6.9	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
Houston Pilots J - Lynchburg Ferries	1.1	1.1	0.7	2.9	3.9	4.9	6.9	6.9	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
Houston Pilots I - Exxon 3	0.3	0.2	0.2	2.5	3.9	4.9	6.9	6.9	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
Houston Pilots H - Morgans Point	0.3	0.2	0.2	0.7	3.9	4.9	5.9	6.9	9	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
Houston Pilots G - 75/76	0.3	0.2	0.2	0.2	2.9	4.9	1.1	4.9	8	10	10	10	10	10	10	10	10	10	10	9	10	10	10	10
Houston Pilots F - 63/64	0.3	0.2	0.2	0.2	1.1	4.9	0.7	3.9	8	10	10	10	10	10	10	10	10	10	10	9	10	10	10	10
Houston Pilots E - 51/52	0.3	0.2	0.2	0.2	0.2	2.5	0.7	0.5	6.9	10	10	10	10	10	10	10	10	9	10	9	10	10	10	10
Houston Pilots D - 37/38	0.3	0.2	0.2	0.2	0.2	1.1	0.5	0.2	6.9	10	10	10	10	10	10	10	10	9	10	9	10	10	10	10
Houston Pilots C - 25/26	0.3	0.2	0.2	0.2	1.1	0.7	2	0.2	6.9	10	10	10	10	10	10	10	9	9	10	9	10	10	10	10
Houston Pilots B - 11/12	0.3	0.2	0.2	0.2	1.1	2.9	1.6	0.2	6.9	10	10	10	10	10	10	10	9	9	10	9	9	10	10	10
Houston Pilots A - 1 & 2 Bravo	0.5	0.2	0.2	0.2	0.2	0.2	1.6	0.2	1.1	6.9	7.9	7.9	10	10	10	9	6.9	7.9	7.9	7.9	7.9	9	10	10

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

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Houston Pilots: TUE. 12/10/2024



Forecast Discussion

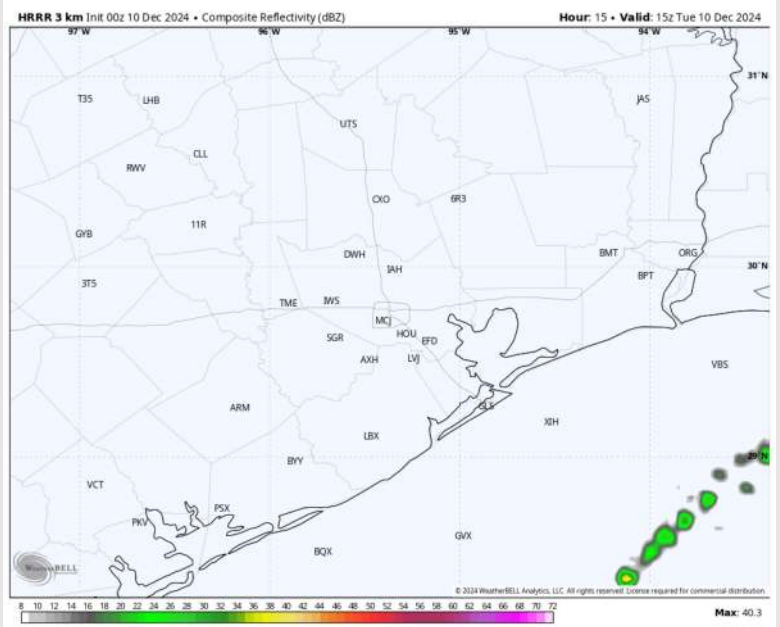
Precip: Favoring dry conditions for today.

Wind: Winds will be out of the W/SW through 3 AM, before shifting out of the N/NW for the rest of 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 the day. **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.**

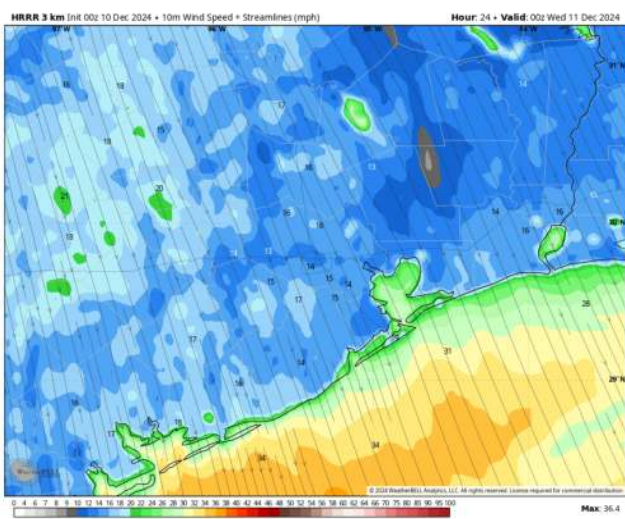
High Temps: **N of Morgan's Point:** Mid-60s F. **S of Morgan's Point:** Mid-60s F.

Visibility: Favoring sea fog risks early TUE AM. See visibility report for more details.

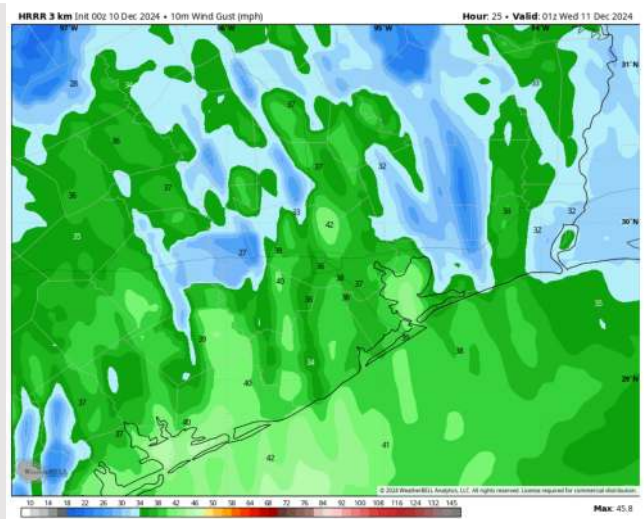
Precip Image: 9 AM CT



Wind Speed:
6 PM CT



Wind Gusts
7 PM CT



Forecast Discussion

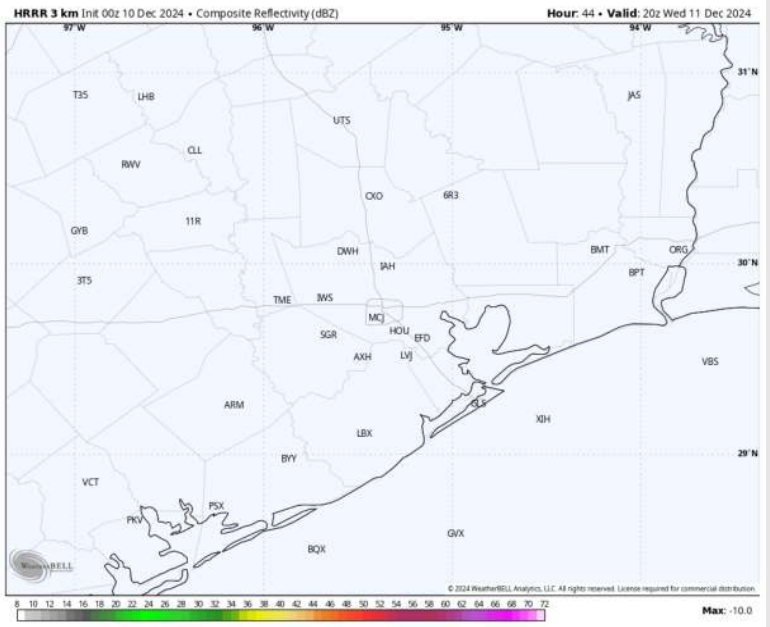
Precip: Dry conditions favored for Wednesday.

Wind: Winds will be out of the N/NW through 8 PM before becoming variable in direction after that time. **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.**

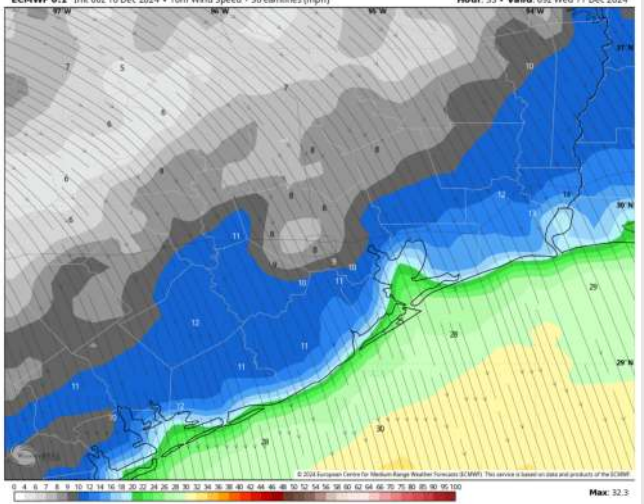
High Temps: **N of Morgan's Point:** Low 60s F. **S of Morgan's Point:** High 50s F to near 60 F.

Visibility: No visibility concerns for Wednesday.

Precip Image: 2 PM CT

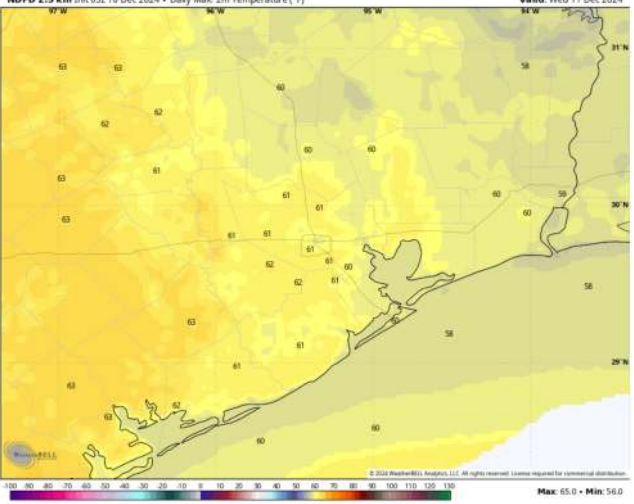


ECMWF 0.1° Init 00z 10 Dec 2024 • 10m Wind Speed + Streamlines (mph) Hour: 33 • Valid: 09z Wed 11 Dec 2024



Wind Speed:
3 AM CT

NDFD 2.5 km Init 05z 10 Dec 2024 • Daily Max, 2m Temperature (°F) Valid: Wed 11 Dec 2024



High Temps
Wednesday

Houston Pilots: THU. 12/12/2024



Forecast Discussion

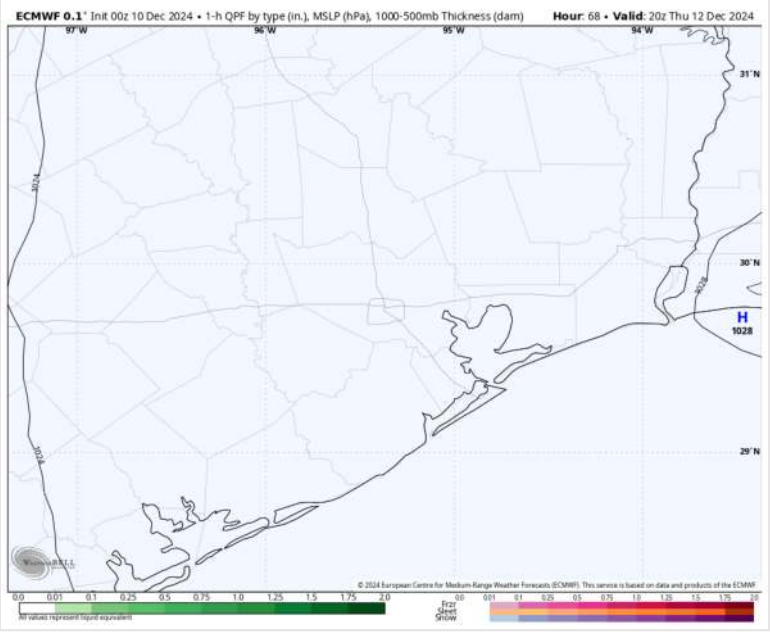
Precip: Dry conditions are favored Thursday.

Wind: Winds will be variable in direction through 6 AM, settling out of the E/SE after that time. **N of Morgan's Point:** Winds will be at 3 – 8 kts throughout the day. **S of Morgan's Point:** Winds will be at 3- 8 kts through 10 AM, increasing to 7 – 12 kts after that time. **Wind gusts of 15-20 kts in play for all Stations after 12 PM.**

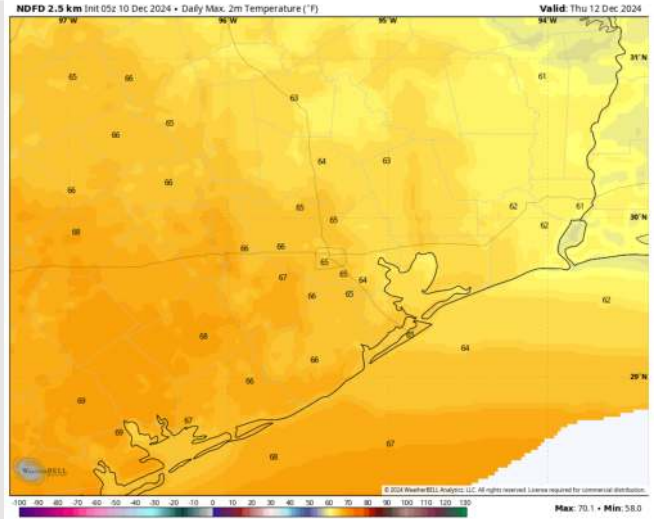
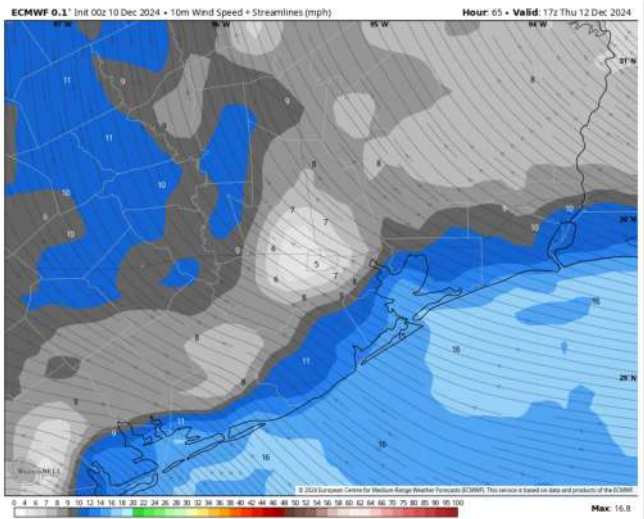
High Temps: **N of Morgan's Point:** Mid 60s F. **S of Morgan's Point:** Mid 60s F.

Visibility: Monitoring a low-end risk for sea fog for THU AM.

Precip Image: 2 PM CT

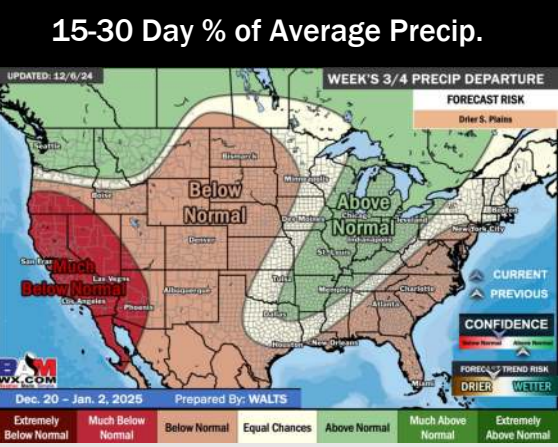
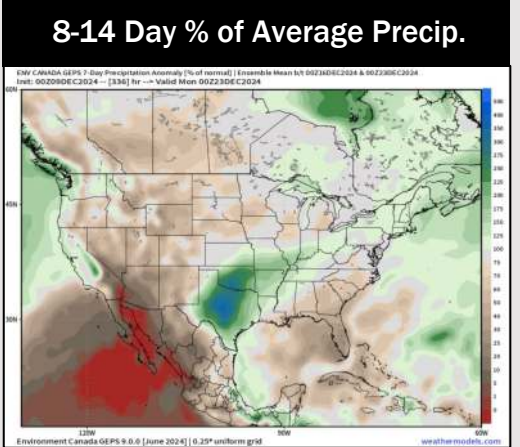
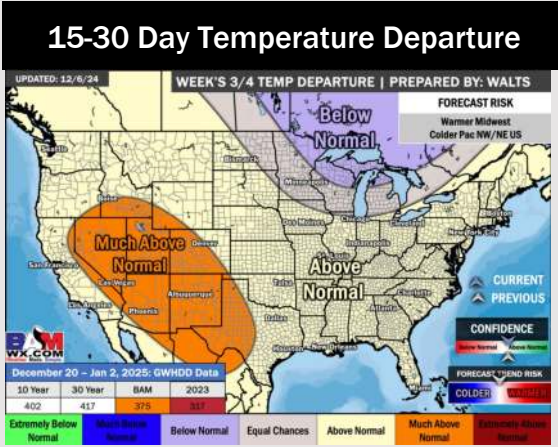
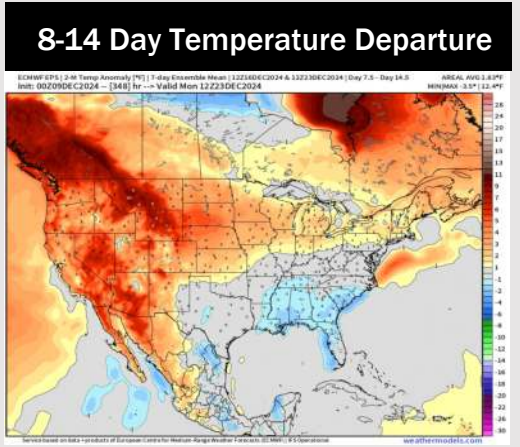
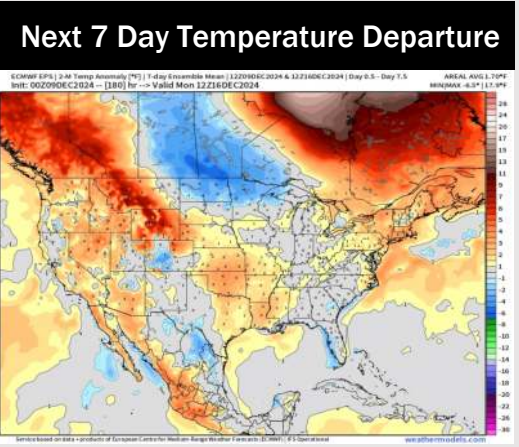


Wind Speed 11 AM CT



High Temps Thursday

Houston Pilots: 12/10/24



- 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.