

Houston Pilots Forecast Package



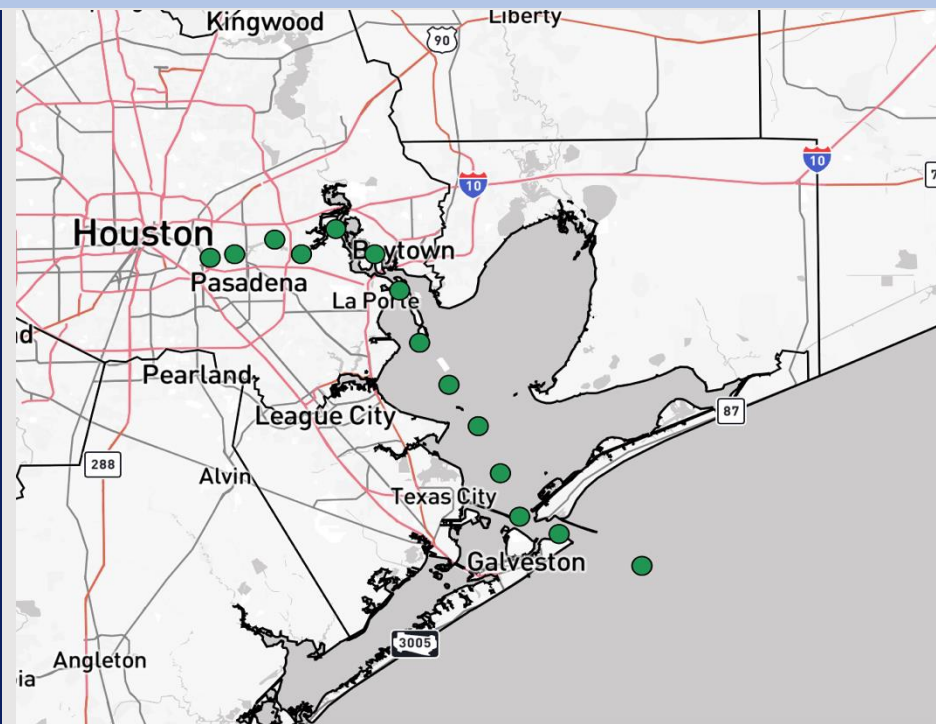
Updated: 8:50 AM CT

Thursday, October 23, 2025

Forecaster: Hope Kleitsch

Weather Headlines

- **Non-thunderstorm wind gusts of 20 – 25 kts will be possible at times over the next 72 hours.**
- **X-Ray conditions are currently in effect as 6' wave heights are anticipated at the Boarding Station by 4AM SAT.**
- **Strong to severe storms will be possible on Saturday morning.**



Current Radar: 8:50 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

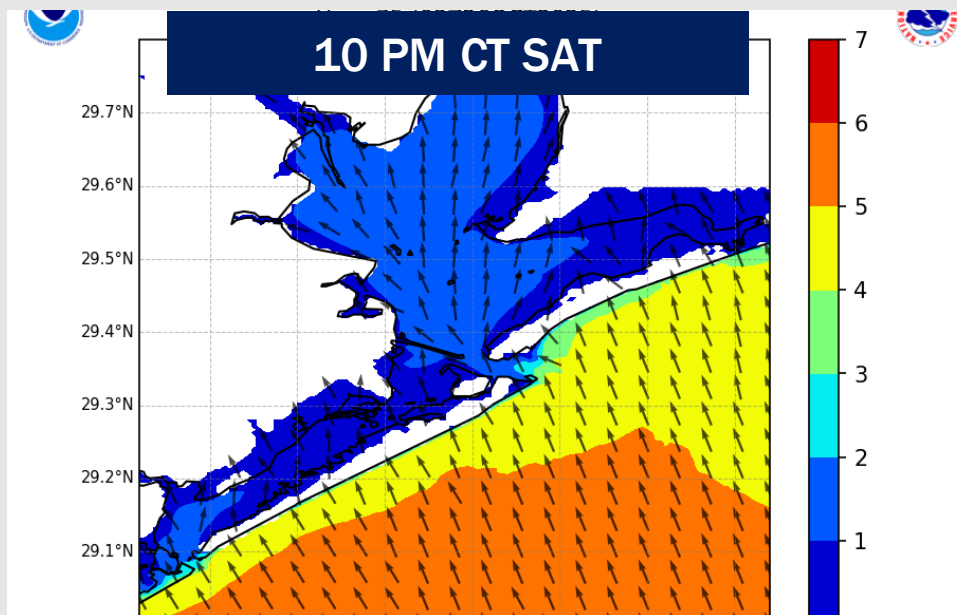
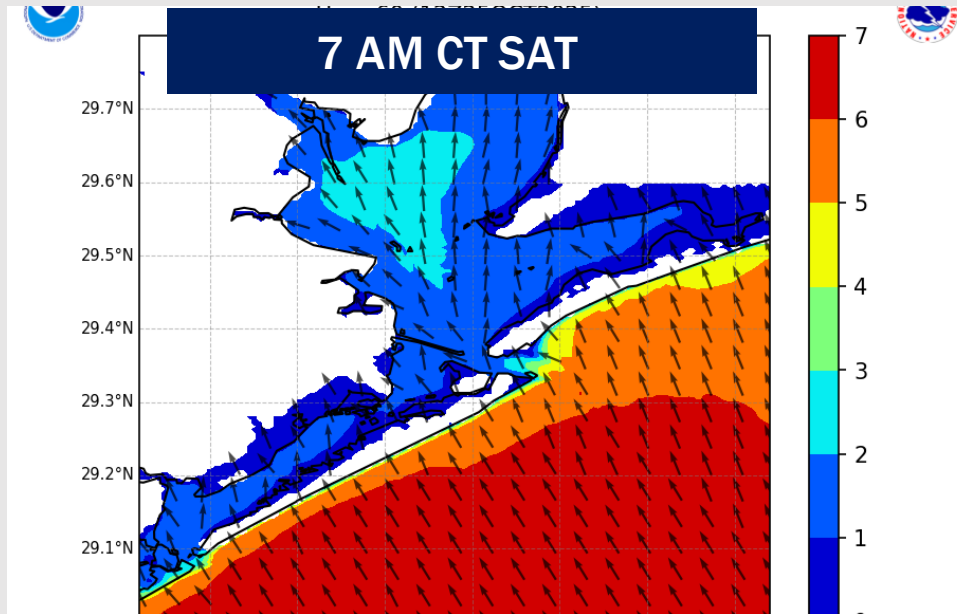
Port Condition	34 KTS+ Sustained Wind Trigger Reached at:	6 Foot Wave Trigger Reached at:	Time Remaining/Trigger Ends At:
Victor	---	---	---
Whiskey	---	---	---
X-Ray	---	CURRENT	4 AM FRI
Yankee	---	4 AM FRI	4 PM FRI
Zulu	---	4 PM FRI	7 PM SAT

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	N/A
X-Ray	48 hours prior to predicted sustained winds of 34+ KTS or 6' wave height	YES
Yankee	24 hours prior to predicted sustained winds of 34+ KTS or 6' wave height	NO
Zulu	12 hours prior to predicted sustained winds of 34+ KTS or 6' wave height	NO

NOTES:

Due to elevated winds and strong gusts, wave heights are anticipated to reach 6' at the Boarding Station by 4AM Saturday. Wave heights may periodically reach 7' at times throughout Saturday afternoon. Wave heights are anticipated to drop below 6' by 7PM Saturday.

Wave Height Forecast Update



Due to elevated winds and strong gusts, wave heights are expected to reach 6' by 4AM SAT.

Wave heights are anticipated to dip below 6' by 7 PM SAT.

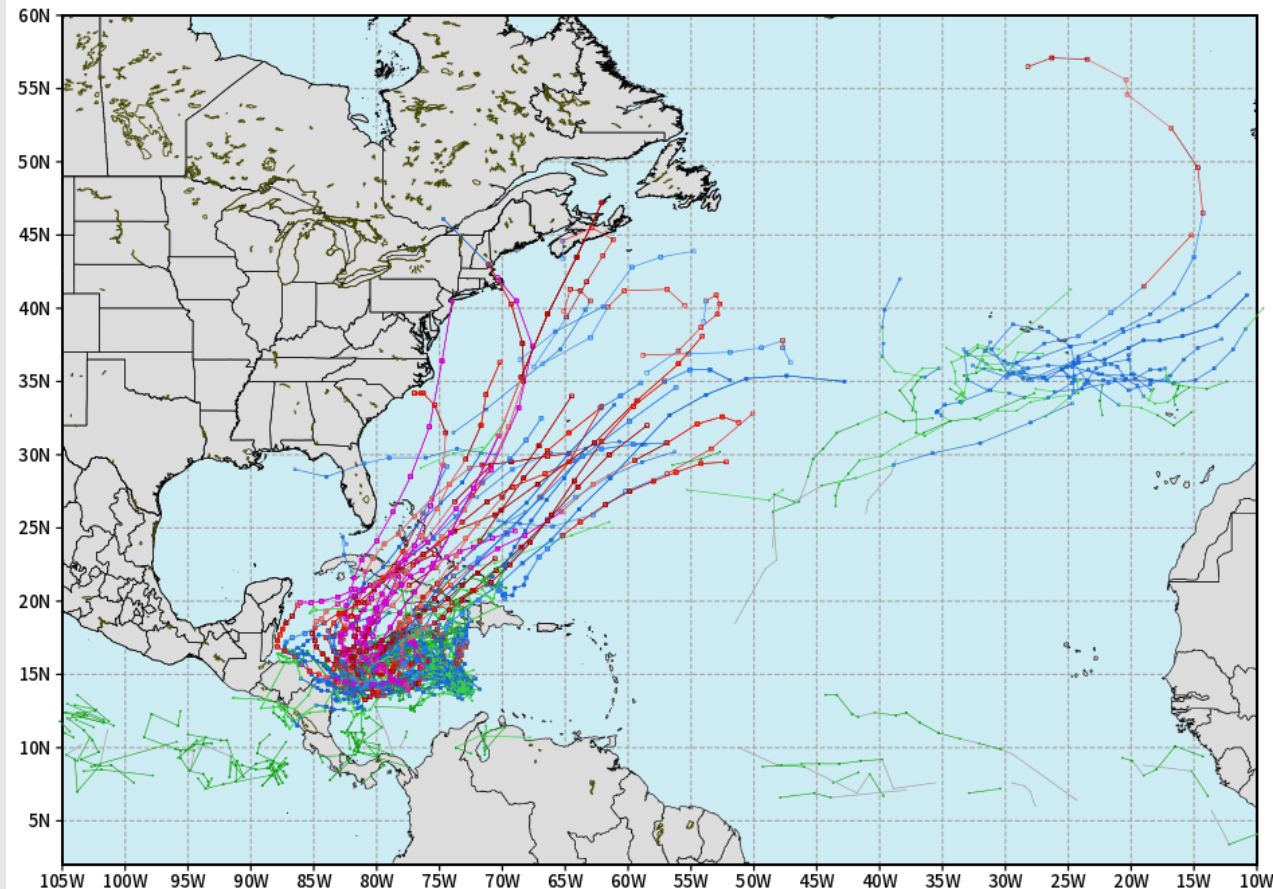
Wave heights of 4 – 5' are anticipated to persist through Sunday.

Houston Pilots Tropical Update

10-Day Tropical Outlook

ECMWF ATLANTIC EPS Cyclone Locations --> Next [10-days]
INIT: 00Z22OCT2025 --> UNTIL 00Z11NOV2025

o-o ENSEMBLE MEAN
o-o 1000 - 1010 hPa
o-o 980 - 999 hPa
o-o 960 - 979 hPa
o-o 950 - 959 hPa
o-o < 950 hPa



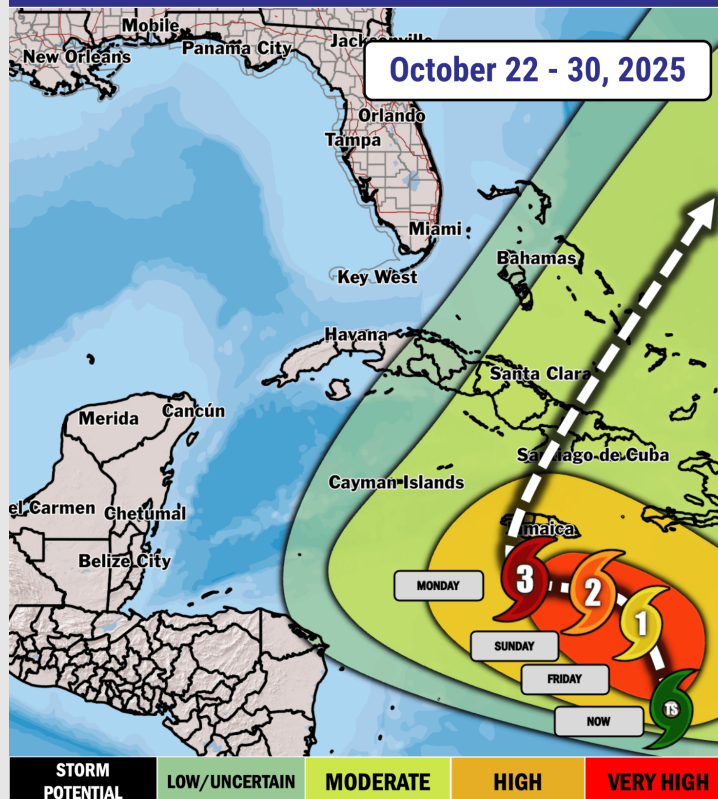
**Tropical Storm
Melissa has
formed in the
Caribbean.
Melissa is
favored to
impact Cuba
before turning
out into the
Atlantic.**

**No impacts are
expected in
Houston.**

Houston Pilots Tropical Update

Tropical Storm Melissa Outlook

Updated: 10/22/25



KEY NOTES

- Tropical Storm Melissa is expected to SLOWLY move westward this week and near Jamaica early next week - likely as a major hurricane (large track spread remains, however).
- The trend has been **west** closer to the Bahamas, but the threat for a US landfall remains **very low**. The SE Florida coast should at least monitor for elevated waves if the west track verifies.

Houston Pilots Visibility Chart (miles)



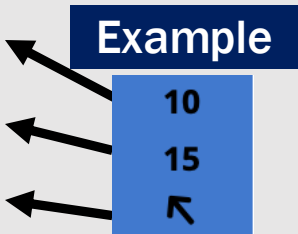
Visibility	Thu 10 am	Thu 11 am	Thu 12 pm	Thu 1 pm	Thu 2 pm	Thu 3 pm	Thu 4 pm	Thu 5 pm	Thu 6 pm	Thu 7 pm	Thu 8 pm	Thu 9 pm	Thu 10 pm	Thu 11 pm	Fri 12 am	Fri 1 am	Fri 2 am	Fri 3 am	Fri 4 am	Fri 5 am	Fri 6 am	Fri 7 am	Fri 8 am	Fri 9 am
Houston Pilots N - 610 Bridge	10	10	10	10	10	10	10	10	10	10	10	10	10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



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

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Houston Pilots: THU. 10/23/2025

Forecast Discussion

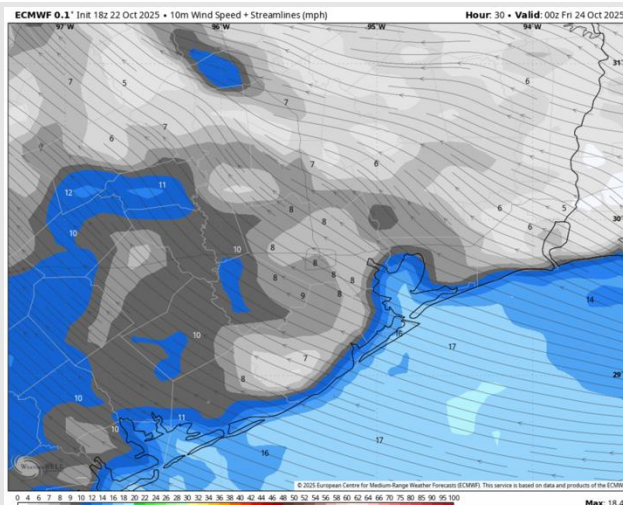
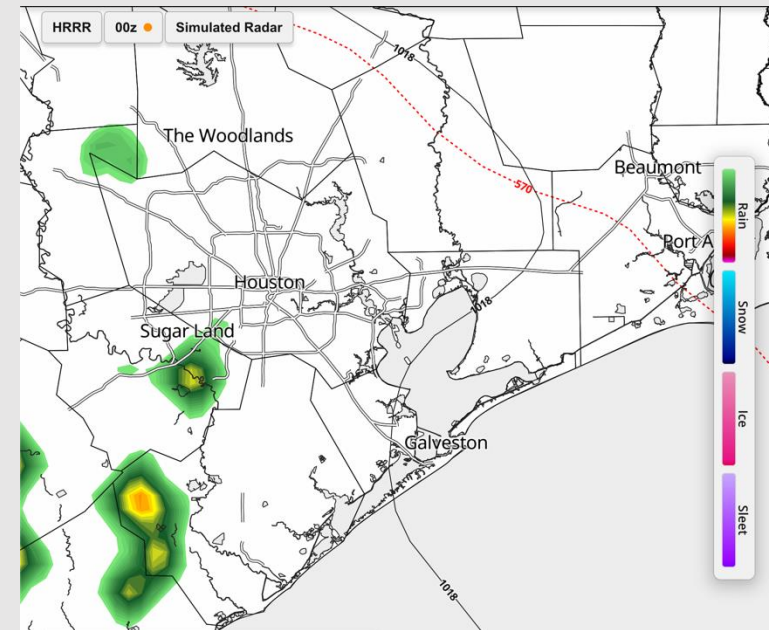
Precip: An isolated shower (20%) can be possible from 2PM to 7PM, however, most of the coverage is favored to stay west of stations.

Wind: Winds will be out of the E/SE. **N of Morgan's Point:** Winds will be at 4 – 9 kts. **S of Morgan's Point:** Winds will be at 8 – 13 kts, increasing to 11 – 16 kts after 5PM. **Wind gusts up to 20 kts will be possible after 5PM.**

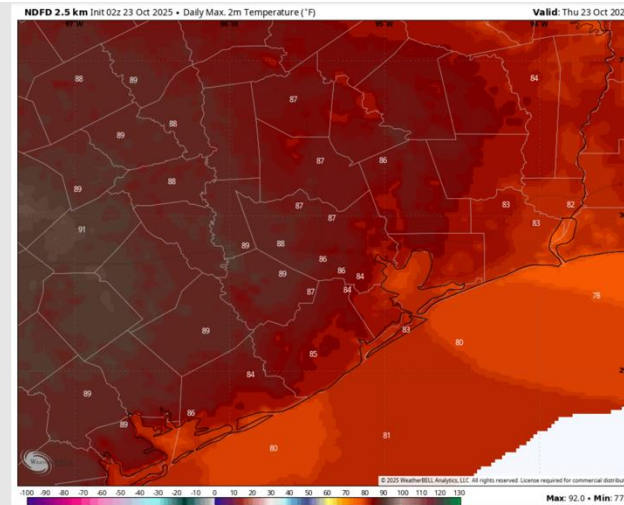
High Temps: **N of Morgan's Point:** Mid 80s F. **S of Morgan's Point:** Low 80s F.

Visibility: No visibility concerns for today.

Precip Image: 4 PM CT



Wind Speed:
7 PM CT



High Temps
Today

Houston Pilots: FRI. 10/24/2025

Forecast Discussion

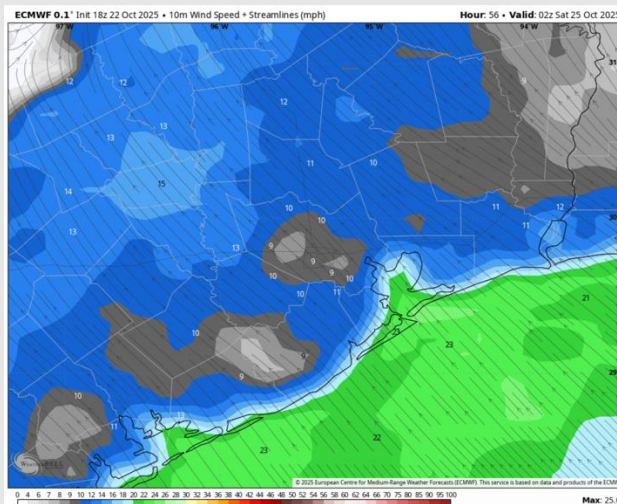
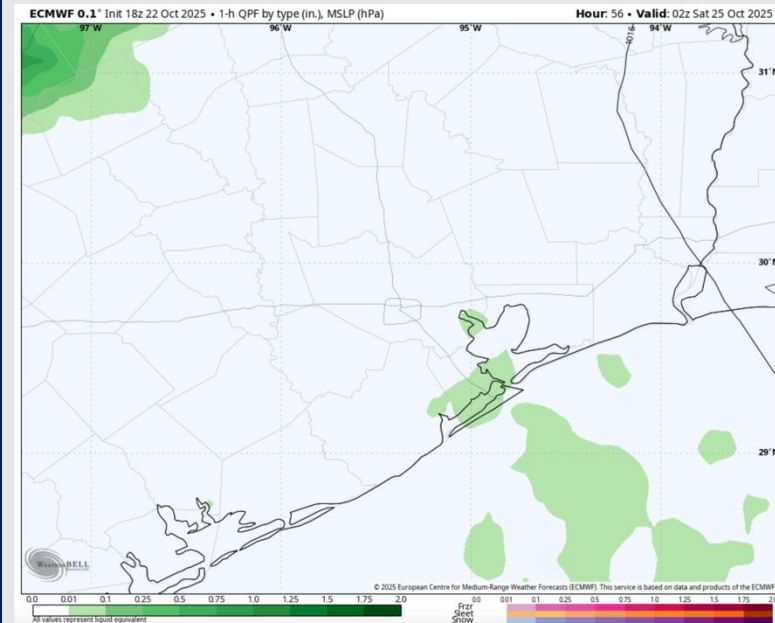
Precip: Scattered showers will be in the forecast after 4PM. The highest coverage is anticipated from 8PM to 11PM, before transitioning to widespread storms overnight.

Wind: Winds will be out of the SE Friday. **N of Morgan's Point:** Winds will be at 8– 13 kts. **S of Morgan's Point:** Winds will be at 13 – 18 kts, increasing to 15 – 20 kts after 7PM. **Non-thunderstorm wind gusts up to 25 kts will be possible for all stations Friday.**

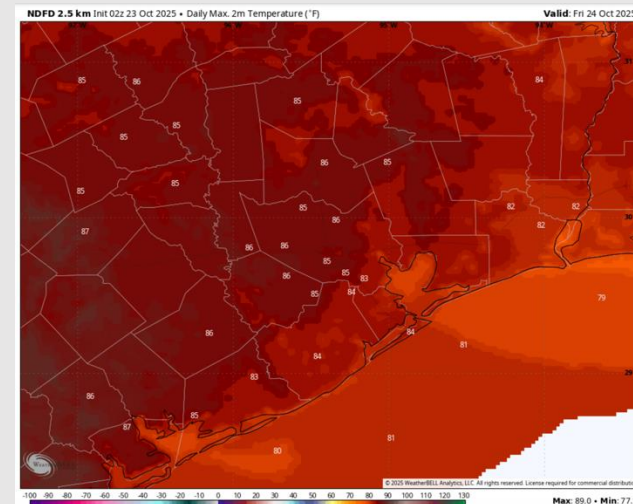
High Temps: **N of Morgan's Point:** Mid 80s F. **S of Morgan's Point:** Low 80s F.

Visibility: No visibility concerns Friday.

Precip Image: 9 PM CT



Wind Speed:
9 PM CT



High Temps
Friday

Houston Pilots: SAT. 10/25/2025

Forecast Discussion

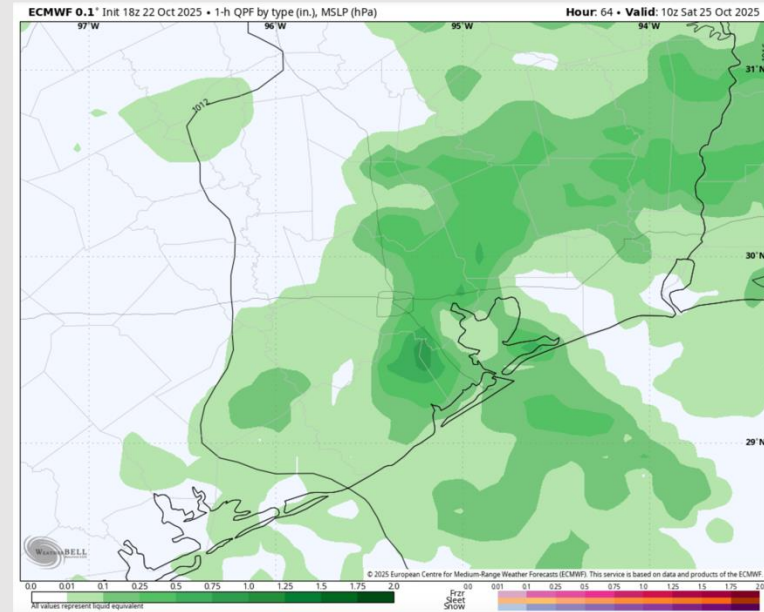
Precip: Widespread thunderstorms, a few being severe in nature, will move through from 1AM - 9AM. Additional scattered storms will be likely between 2PM and 10PM the rest of Saturday. A few storms will contain lightning, wind gusts between 40 – 50 kts, torrential rainfall, and hail.

Wind: Winds will be out of the SE through 6AM before transitioning out of the SW. **N of Morgan's Point:** Winds will be at 5 – 10 kts. **S of Morgan's Point:** Winds will be at 14 – 19 kts. **Non-thunderstorm wind gusts up to 25 kts will be in the forecast for ALL stations through 6PM.**

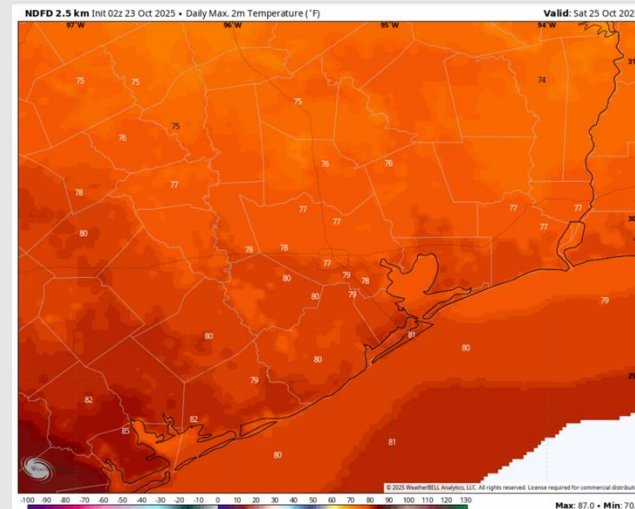
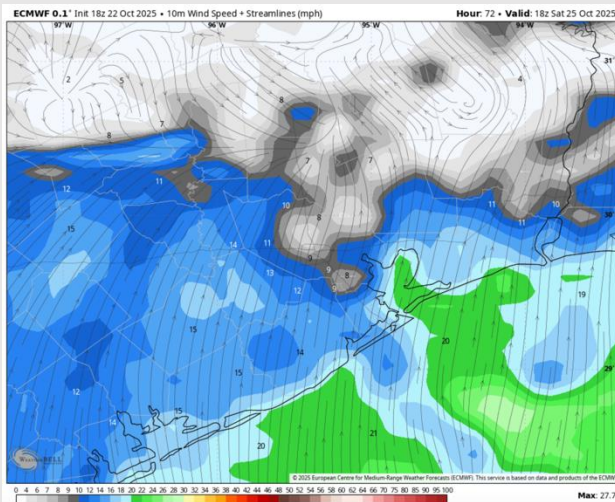
High Temps: **N of Morgan's Point:** High 70s F. **S of Morgan's Point:** Low 80s F.

Visibility: No fog concerns Saturday, however, visibility may be limited under a few downpours.

Precip Image: 5 AM CT



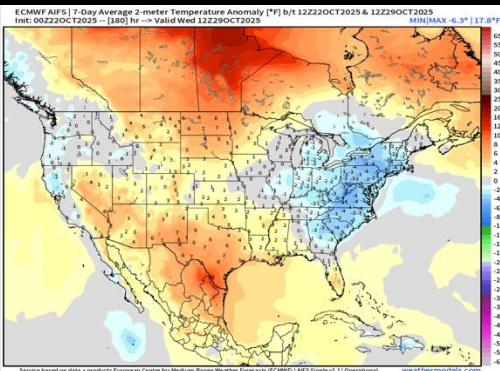
Wind Speed:
1 PM CT



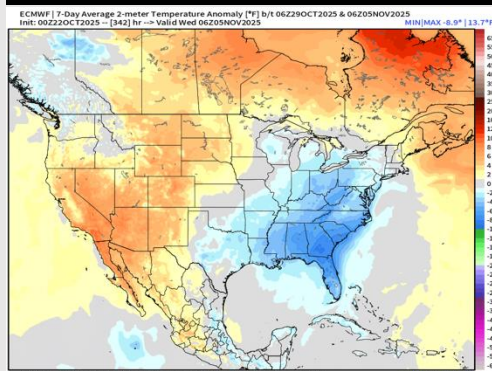
High Temps
Saturday

Houston Pilots: 10/23/25

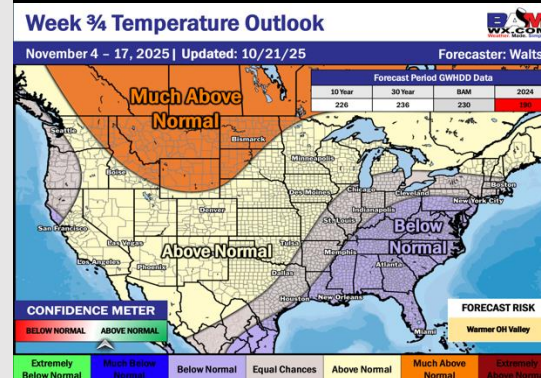
Next 7 Day Temperature Departure



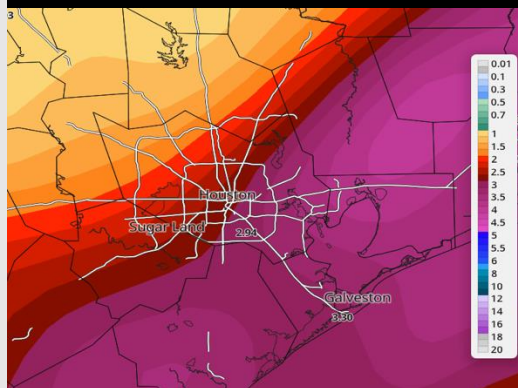
8-14 Day Temperature Departure



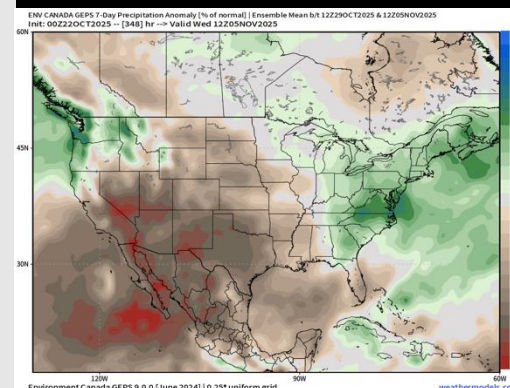
15-30 Day Temperature Departure



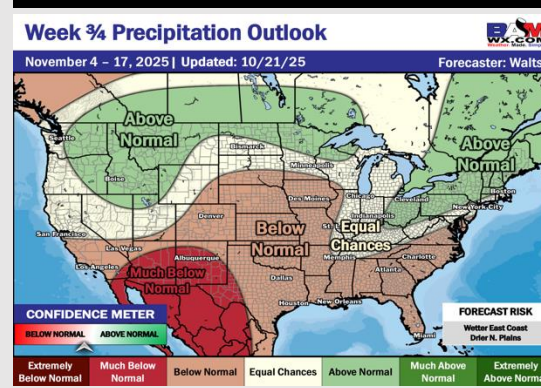
Next 7 Day Total Precipitation



8-14 Day % of Average Precip.



15-30 Day % of Average Precip.



- Temps are expected to be above normal for the next 7 days with widespread, heavy rainfall returning over the weekend. A few strong to potentially severe storms may be possible on Saturday.
- Below normal temperatures and below normal rain chances are favored for days 8 - 14.
- Below normal temperatures are favored for early to mid November with below normal rainfall chances.