

Houston Pilots Forecast Package



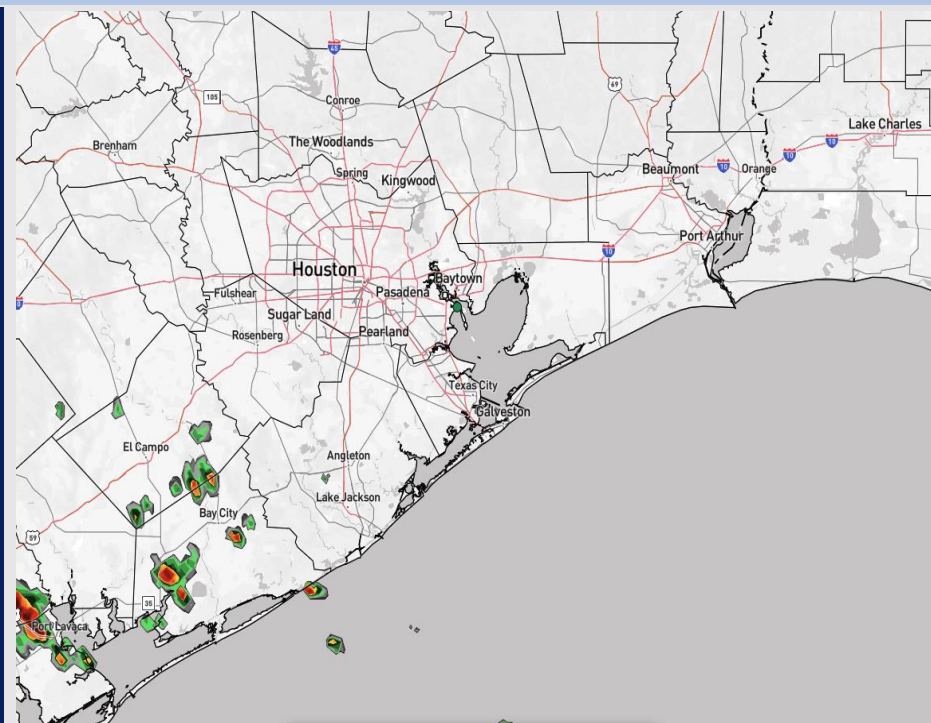
Updated: 1:40 PM CT

Friday, October 24, 2025

Forecaster: Noah Began

Weather Headlines

- **Non-thunderstorm wind gusts of 25 – 30 kts will be possible at times over the next 72 hours.**
- **Yankee conditions are currently in effect as 6' wave heights are anticipated at the Boarding Station by 4AM SAT.**
- **Strong to severe storms with wind, hail, and tornadoes will be possible on Saturday, primarily between 4 AM – 9 AM. More storms Saturday night around midnight.**



Current Radar: 1:36 PM 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

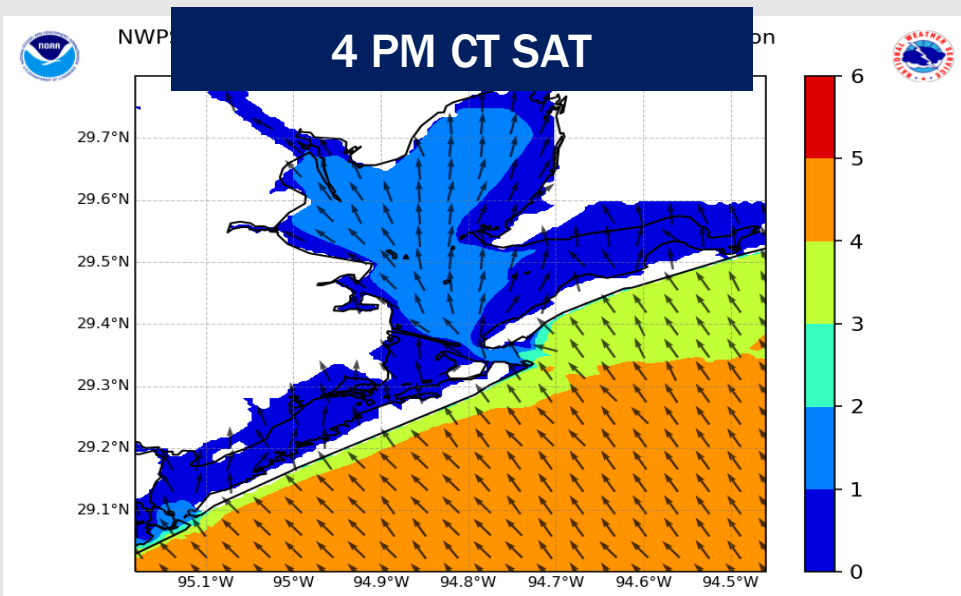
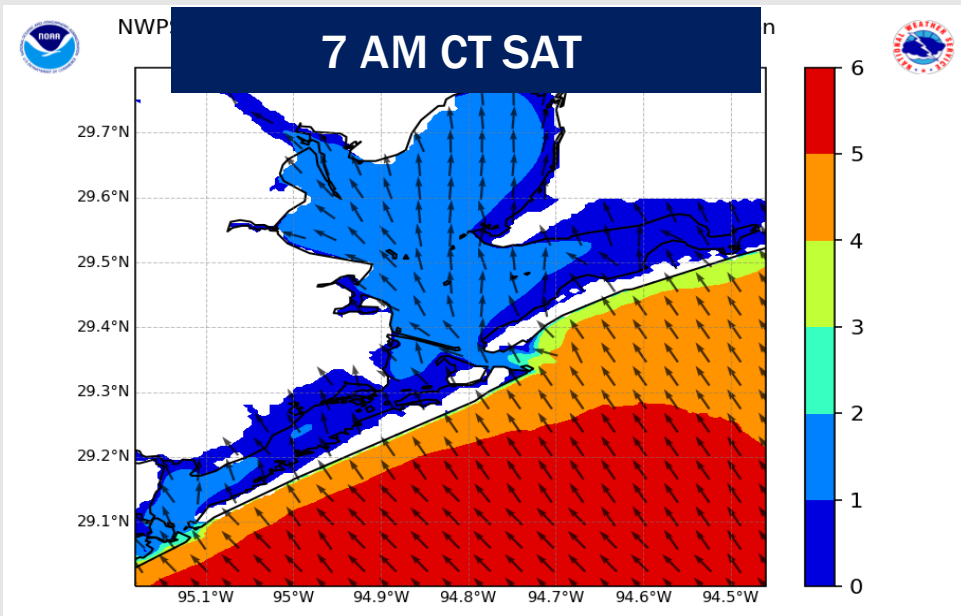
Port Condition	34 KTS+ Sustained Wind Trigger Reached at:	6 Foot Wave Trigger Reached at:	Time Remaining/Trigger Ends At:
Victor	---	---	---
Whiskey	---	---	---
X-Ray	---	PAST	PAST
Yankee	---	CURRENT	4 PM FRI
Zulu	---	4 PM FRI	4 PM SAT

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	PAST
Yankee	24 hours prior to predicted sustained winds of 34+ KTS or 6' wave height	YES
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 4 PM Saturday.

Wave Height Forecast Update



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

Wave heights are anticipated to dip below 6' by 4 PM SAT.

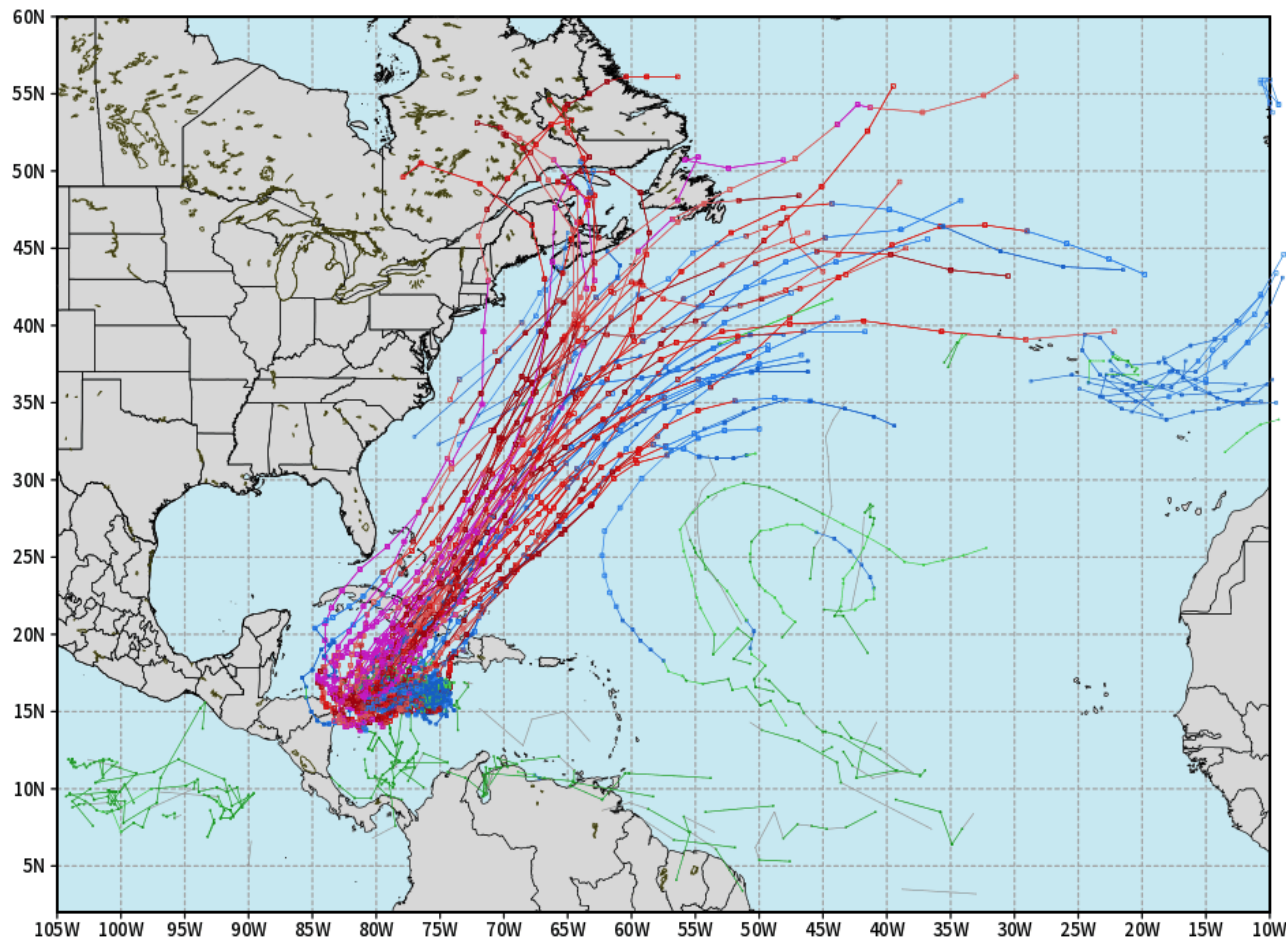
Wave heights of 3 – 4' are anticipated to persist through Sunday.

Houston Pilots Tropical Update

10-Day Tropical Outlook

ECMWF ATLANTIC EPS Cyclone Locations --> Next [10-days]
INIT: 00Z24OCT2025 --> UNTIL 00Z13NOV2025

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



weathermodels.com

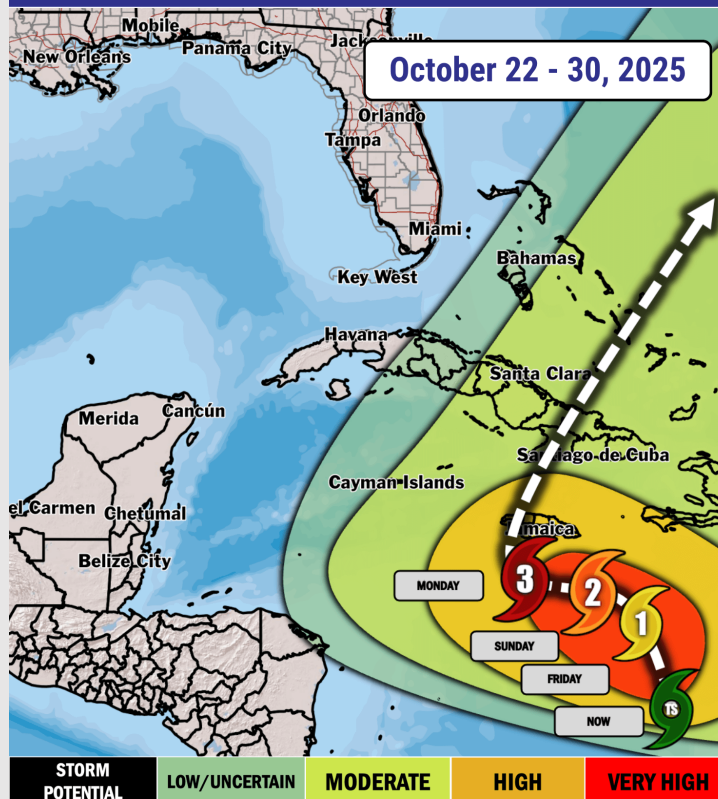
**Tropical Storm
Melissa has
formed in the
Caribbean.
Melissa is
favored to
impact Cuba
before turning
out into the
Atlantic.**

**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	Fri 2 pm	Fri 3 pm	Fri 4 pm	Fri 5 pm	Fri 6 pm	Fri 7 pm	Fri 8 pm	Fri 9 pm	Fri 10 pm	Fri 11 pm	Sat 12 am	Sat 1 am	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
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	9	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	9	10	9	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	9	10	9	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	9	10	9	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	9	10	9	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	9	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	9	9
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	9	9
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	9	9
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	9	9
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	9	9
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	9	9
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	9	9

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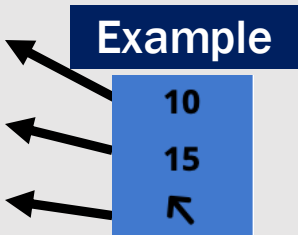
Houston Pilots Wind Chart



Sustained Wind 10 Knots

Gusts 15 Knots

Wind from the SE



Wind	Fri 2 pm	Fri 3 pm	Fri 4 pm	Fri 5 pm	Fri 6 pm	Fri 7 pm	Fri 8 pm	Fri 9 pm	Fri 10 pm	Fri 11 pm	Sat 12 am	Sat 1 am	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
Houston Pilots N - 610 Bridge	13	14	15	14	14	13	13	13	13	13	13	12	10	10	9	9	9	8	8	9	10	10	10	10
	25	26	28	26	26	25	22	23	23	22	22	21	18	17	17	16	16	15	14	16	16	17	20	21
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Houston Pilots M - Kinder 1	13	14	15	14	14	13	13	13	13	13	13	12	10	10	9	9	9	9	8	9	10	10	10	10
	25	26	28	26	26	25	22	23	23	23	22	21	18	17	17	16	16	16	14	16	16	17	20	21
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Houston Pilots L - Greens Bayou	13	15	15	15	15	14	13	13	13	13	13	12	10	10	10	9	9	9	8	10	10	10	10	10
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Houston Pilots K - Shell Crude	14	15	15	15	15	14	13	13	13	13	13	12	10	10	9	9	9	9	8	10	10	10	10	10
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Houston Pilots J - Lynchburg Ferries	14	15	15	15	15	14	13	13	13	13	13	10	10	9	9	9	8	8	8	9	10	10	10	10
	24	26	28	26	26	26	23	24	24	24	24	23	21	21	20	18	18	17	16	18	18	18	20	21
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Houston Pilots I - Exxon 3	15	17	17	17	18	17	17	17	20	20	20	20	18	17	17	16	16	15	13	13	13	13	13	13
	23	25	28	26	28	26	24	25	26	28	28	28	26	26	25	24	23	22	20	20	18	18	20	21
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Houston Pilots H - Morgans Point	15	17	17	17	17	17	17	17	20	20	20	20	18	17	17	16	16	15	13	13	13	13	13	13
	24	26	28	26	26	26	24	26	28	28	29	28	26	26	25	24	23	21	20	20	18	18	21	21
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Houston Pilots G - 75/76	16	17	18	18	18	18	17	18	20	20	21	21	20	20	20	18	17	17	15	15	15	15	15	14
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Houston Pilots F - 63/64	16	18	18	18	18	18	17	18	20	20	20	20	20	20	20	18	18	17	16	16	15	15	15	14
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Houston Pilots E - 51/52	16	18	20	20	20	20	20	20	22	21	21	21	20	20	20	18	18	17	17	17	16	15	15	15
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Houston Pilots D - 37/38	16	17	18	18	18	20	20	21	22	22	22	21	20	20	20	18	18	17	17	17	16	15	15	15
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Houston Pilots C - 25/26	16	17	18	17	20	18	20	20	20	20	20	20	18	18	18	17	18	17	17	17	16	15	15	15
	24	25	26	25	28	26	28	28	29	29	28	28	26	26	26	26	26	25	24	24	24	22	22	22
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Houston Pilots B - 11/12	15	16	17	16	17	17	17	17	17	17	17	16	15	15	15	15	15	15	15	15	15	14	15	14
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Houston Pilots A - 1 & 2 Bravo	17	17	18	17	18	18	18	20	21	21	22	21	20	20	21	20	20	20	18	18	17	17	17	16
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Houston Pilots: FRI. 10/24/2025

Forecast Discussion

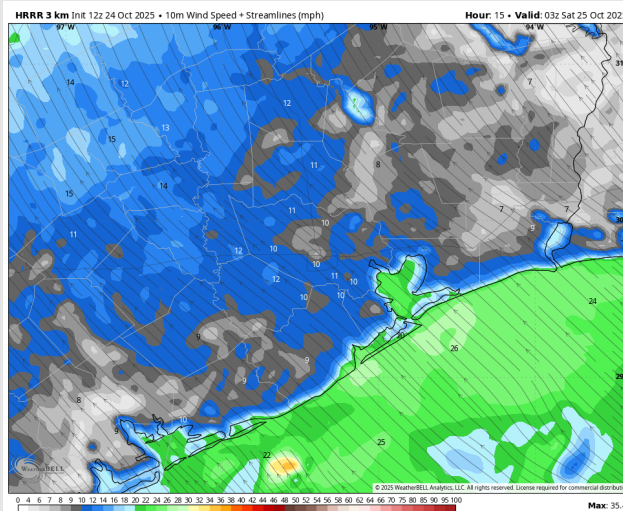
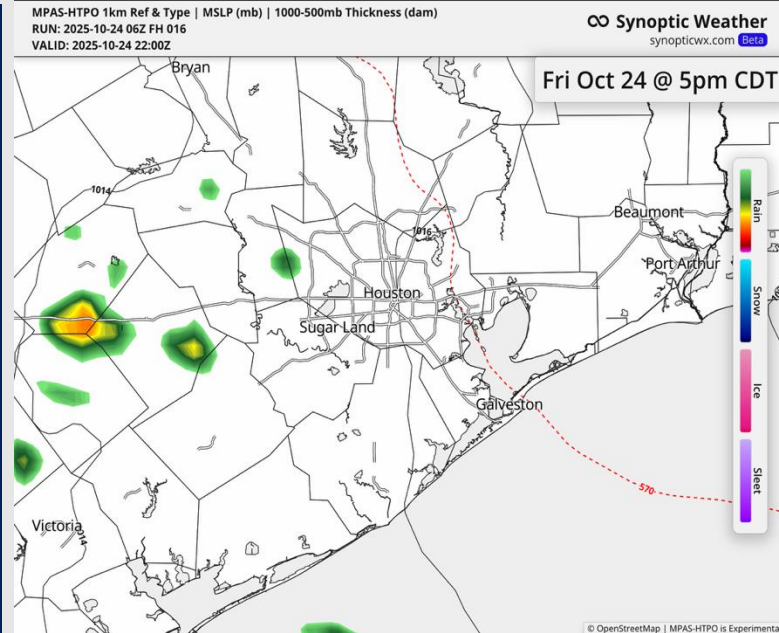
Precip: Isolated thunderstorms west of stations through 12:00a CDT.

Wind: Winds will be out of the SE today. **N of Morgan's Point:** Winds of 11– 16 kts through 8PM, calming to 8 – 13 kts through midnight. **S of Morgan's Point:** Winds will be 14 – 19 kts through 8 PM, increasing to 17 – 22 kts through midnight. **Non-thunderstorm wind gusts of 22 kts for all Stations through 7 PM, increasing to 25 kts through midnight.**

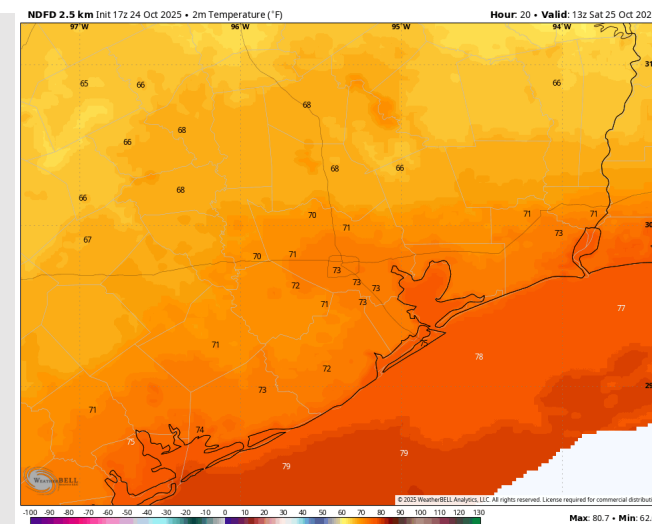
Low Temps: **N of Morgan's Point:** Mid 70s F. **S of Morgan's Point:** Upper 70s F.

Visibility: No fog concerns, but heavy rain will reduce visibilities.

Precip Image: 5 PM CT



Wind Speed:
10 PM CT



Low Temps
Sat Morn

Houston Pilots: SAT. 10/25/2025

Forecast Discussion

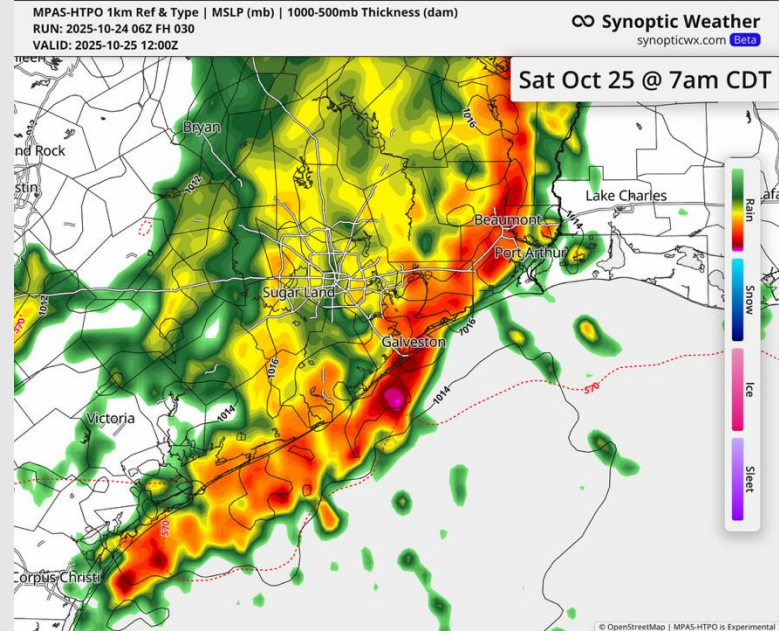
Precip: Scattered storms in play from 12AM– 4AM. Widespread strong to severe storms favored from 4AM – 12 PM. **Storms will be capable of wind gusts of 40-50 kts, hail, a low-end tornado risk, and lightning.** Isolated showers possible from 2 – 8 PM before **more scattered strong to severe storms** arrive from 8PM – 3AM Sunday.

Wind: Winds out of the SE from midnight until 7 AM. Winds predominantly out of N after 7 AM shifting to out of E between 1 – 4 PM, then back to out of the SE after 4 PM. Shifting to out of the S after 8PM. **N of Morgan's Point:** Winds 5 – 10 kts from midnight - 7 AM, then ~30 kts for the storms until 10 AM, then 5 –10 kts until noon. 1 PM to midnight will have winds of 8 – 13 kts. **S of Morgan's Point:** Winds will be at 18 – 23 kts through 11AM, calming to 10 – 15 between noon and 4 PM, increasing again to 15 – 20 kts through 7 PM. Finally calming to 10-15 kts through midnight. **Non-thunderstorm wind gusts up to 30 kts will be in the forecast for ALL stations through 4PM. Calming to 13 – 18 kts from 4 PM through midnight**

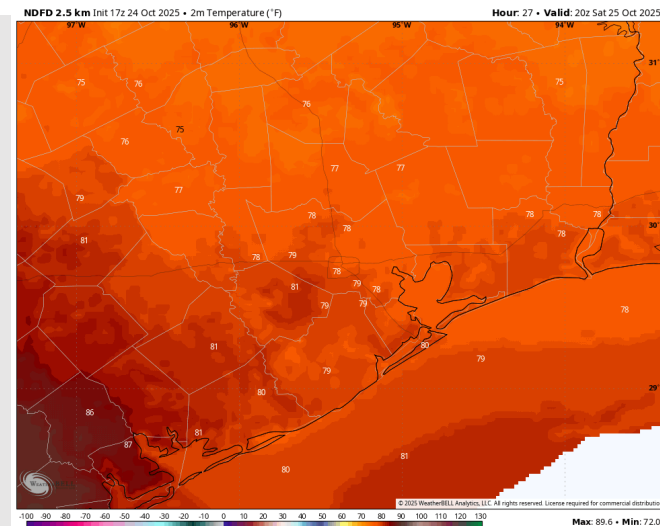
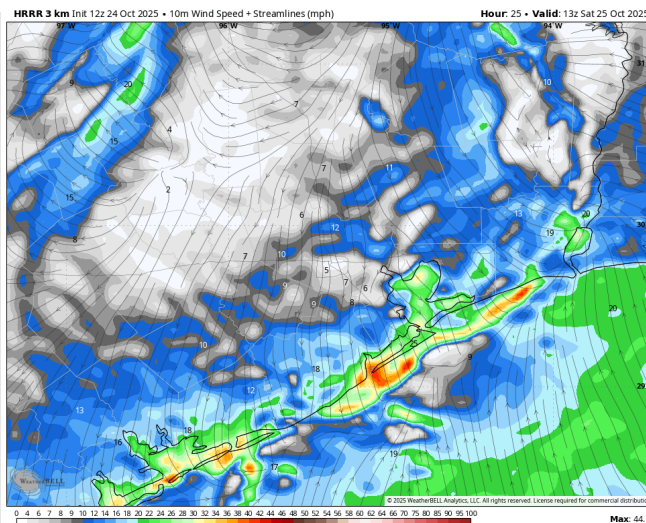
High Temps: **N of Morgan's Point:** Low 80s F. **S of Morgan's Point:** Upper 70s F.

Visibility: No fog concerns, but heavy rain will reduce visibilities.

Precip Image: 7 AM CT



Wind Speed:
8 AM CT



High Temps
Saturday

Houston Pilots: SUN. 10/26/2025

Forecast Discussion

Precip: Scattered strong to severe storms in play from 12AM – 5AM for all Stations. **Storms will be capable of wind gusts of 40+ kts, hail, tornadoes, and lightning.** A couple residual thunderstorms are anticipated around 7 AM before dry conditions are favored for the remainder of day.

Wind: Winds turning from out of the SE to out of the NW from midnight through 7 AM as storms move away. Winds primarily out of the NW through rest of day. Winds out of the NNW after 7 PM. **N of Morgan's Point:** Winds will be at 6 – 10 kts. **S of Morgan's Point:** Winds will be at 15-20 kts through 7 AM, decreasing to 8– 13 kts after 7AM through 4 PM. Winds of 3-8 kts after 4 PM **Wind gusts up to 30 kts will be possible S of Morgan's Point through 6 AM. Gusts calming to 12-18 kts through 3 PM, finally to 5-10 kts from 3 PM to midnight.**

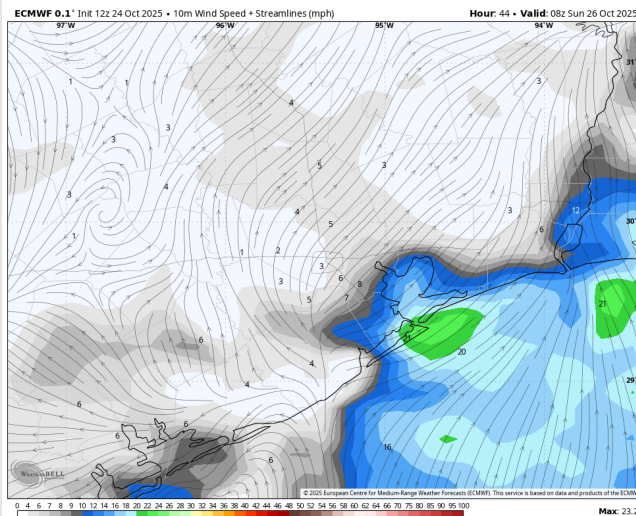
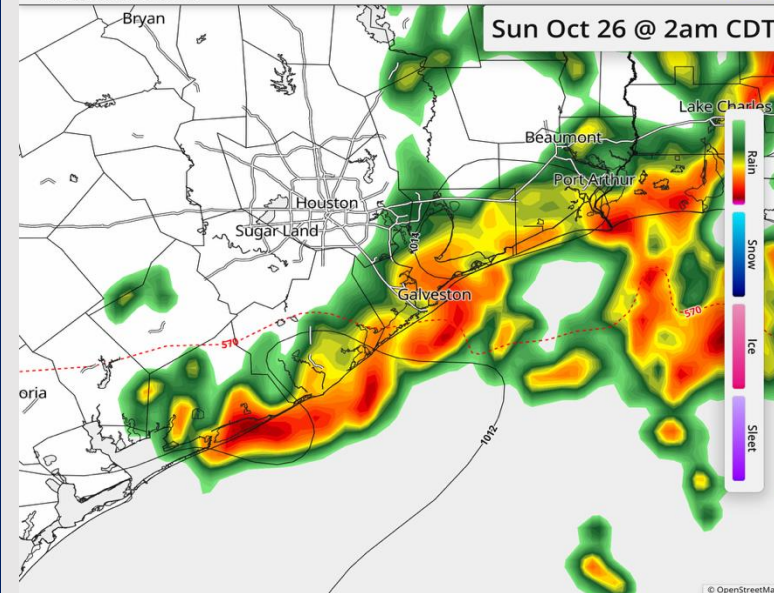
High Temps: **N of Morgan's Point:** Low 80s F. **S of Morgan's Point:** Upper 70s.

Visibility: No fog concerns, but heavy rain will reduce visibilities.

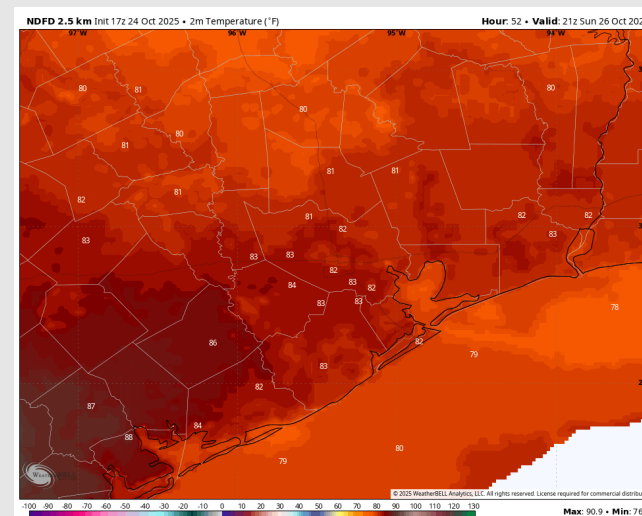
Precip Image: 2 AM CT

HRRR 1km Ref & Type | MSLP (mb) | 1000-500mb Thickness (dam)
RUN: 2025-10-24 12Z FH 043
VALID: 2025-10-26 07:00Z

∞ Synoptic Weather
synopticwx.com [Beta](#)



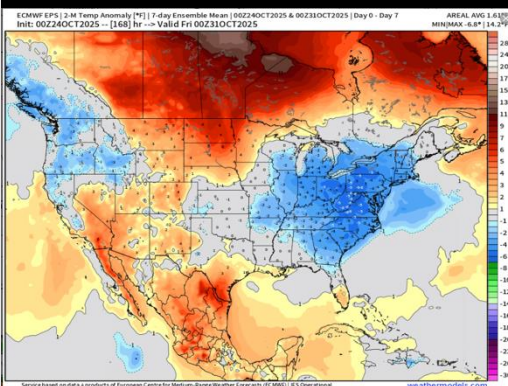
Wind Speed:
3 AM CT



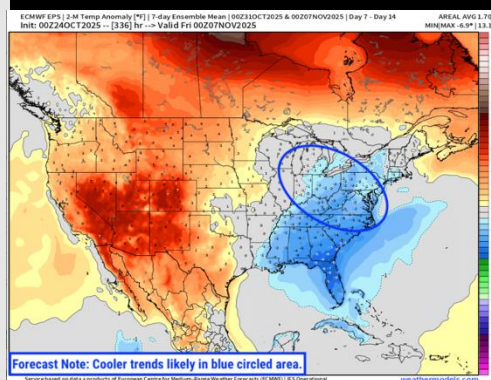
High Temps
Sunday

Houston Pilots: 10/24/25

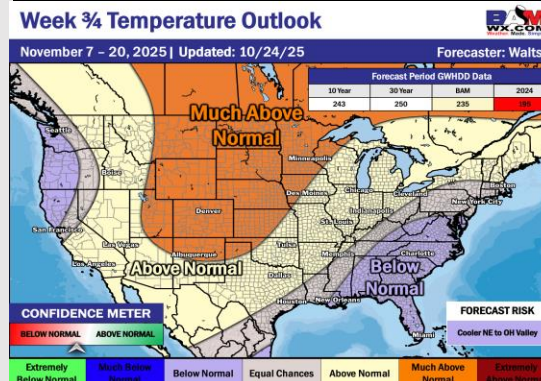
Next 7 Day Temperature Departure



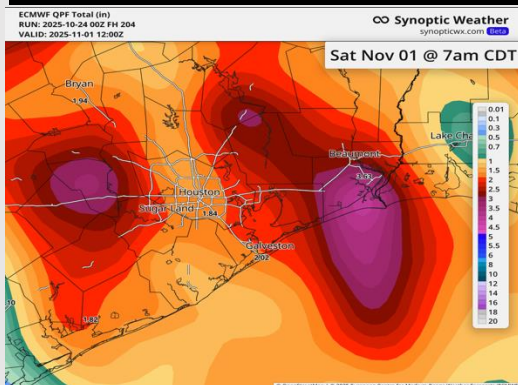
8-14 Day Temperature Departure



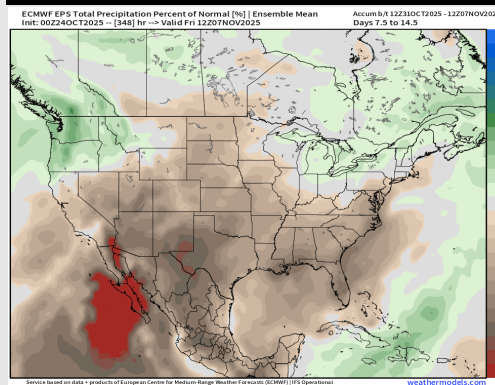
15-30 Day Temperature Departure



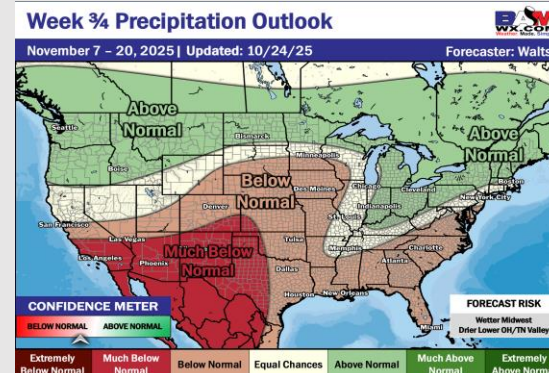
Next 7 Day Total Precipitation



8-14 Day % of Average Precip.



15-30 Day % of Average Precip.



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