

Houston Pilots Forecast Package



Updated: 12:30 PM CT

Friday, November 1, 2024

Forecaster: Adam Feick

Weather Headlines

- **Gusty winds of 15 – 20 kts will be possible SUN and into next week.**
- **Wave heights will begin to increase SUN PM and into MON. Monitoring potential for 6'+ wave heights on MON. X-Ray will likely be triggered come 1 AM SAT.**
- **Monitoring potential for tropical development and low-end impact chances over the next 7-10 Days**



Current Radar: 12:00 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.

Houston Pilots Port Trigger Update

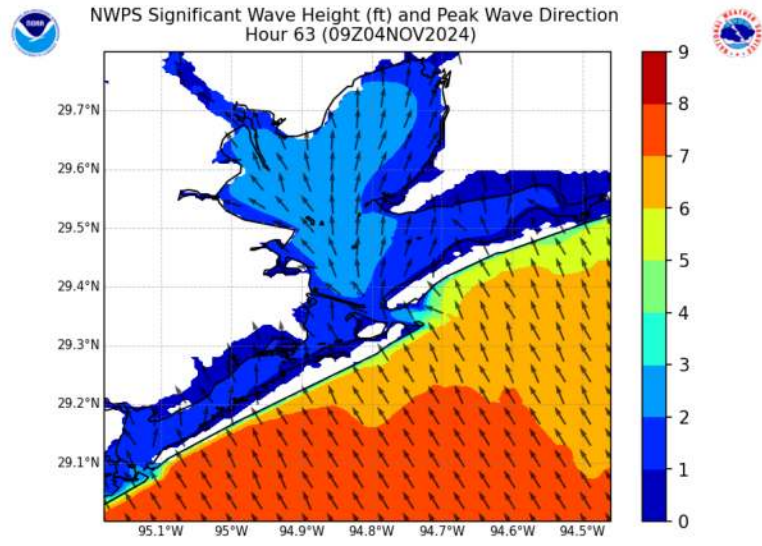


Port Condition	34 KTS+ Sustained Wind Trigger Reached at:	6 Foot Wave Trigger Reached at:	Time Remaining/Trigger Ends At:
Victor	---	---	---
Whiskey	---	---	---
X-Ray	---	1 AM SAT	1 AM SUN
Yankee	---	1 AM SUN	1 PM SUN
Zulu	---	1 PM SUN	4 AM TUE

Port Condition	Trigger Definition	Trigger Reached?
Victor	Hurricane entering/developing in Gulf of Mexico that's a threat to the area	NO
Whiskey	72 hours prior to predicted sustained winds of 34+ KTS	NO
X-Ray	48 hours prior to predicted sustained winds of 34+ KTS or 6' wave height	NO
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: Strong winds will allow for wave heights to increase through the end of the weekend SUN into MON. Wave heights are expected to reach 6' early MON AM and will linger through the day.

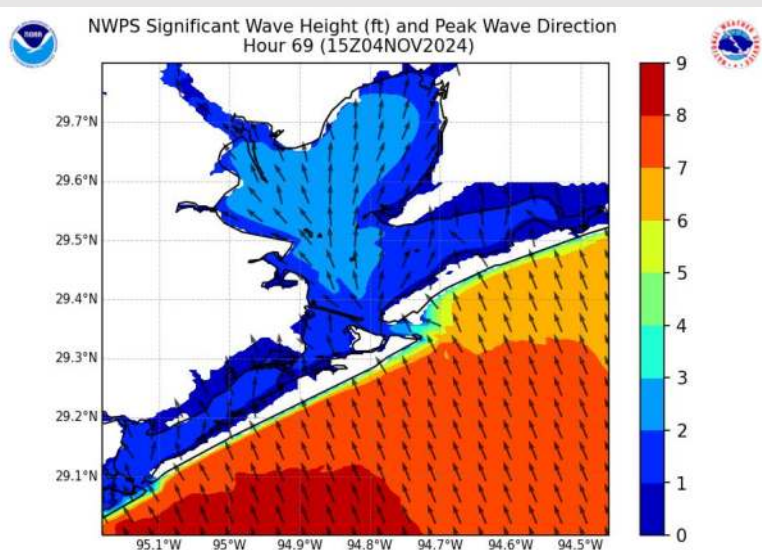
Wave Height Forecast Update



4 AM CT MON

Strong southerly winds SUN PM and into MON AM will bring elevated wave heights near of 5' – 7' come 4AM MON.

Wave heights after 4AM are favored to continue to increase with peak wave heights approaching 6' – 8' by 11AM MON morning. After 11AM MON wave heights will slowly decrease, dipping below 6' by 12AM TUE.



11 AM CT MON

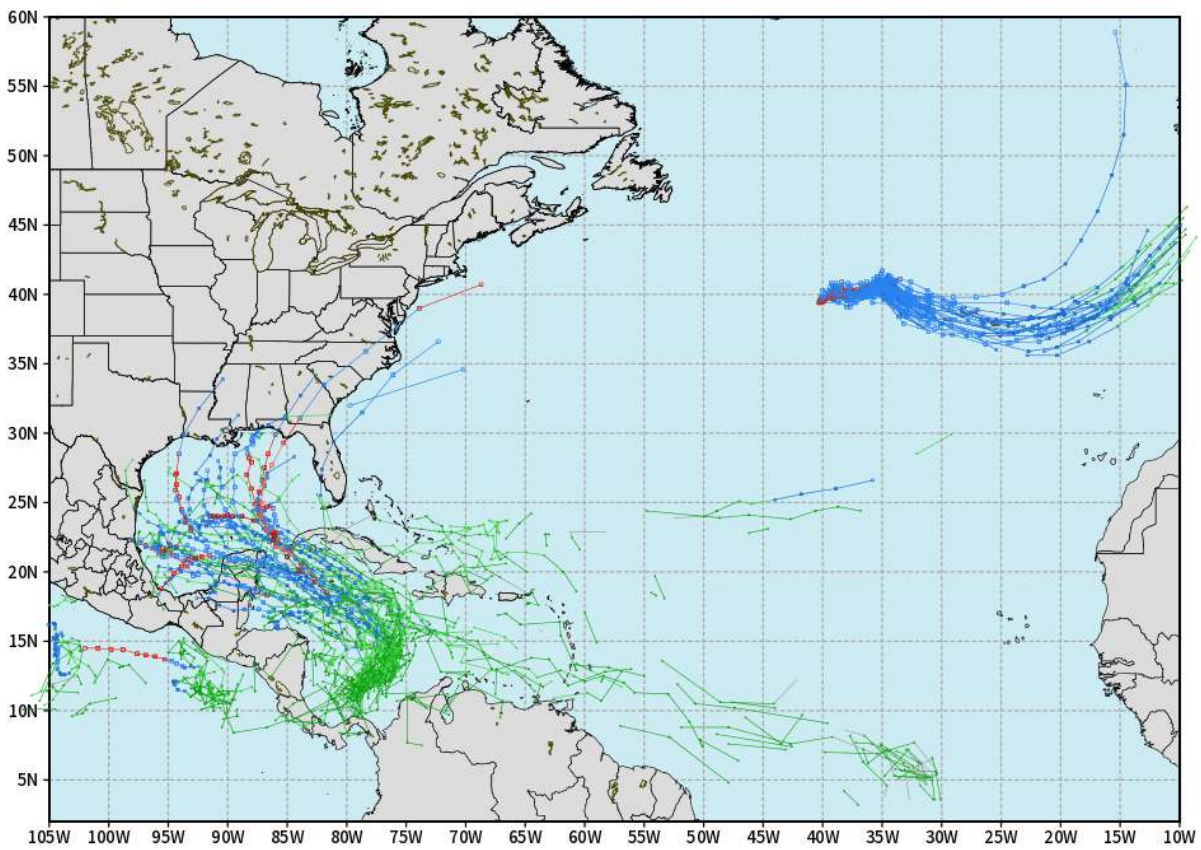
Houston Pilots Tropical Update



European Tropical Tracks - Next 10 Days

ECMWF ATLANTIC EPS Cyclone Locations --> Next [10-days]
INIT: 00Z01NOV2024 --> UNTIL 00Z11NOV2024

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

Industry Energy according to our TOS (if5580f5Z0015E600)

We are monitoring increasing potential for tropical formation in the Western Caribbean near the end of this weekend and into early next week.

Confidence remains low in exact track, however potential into the C/W Gulf of Mexico will need to be monitor over the next 7 days.

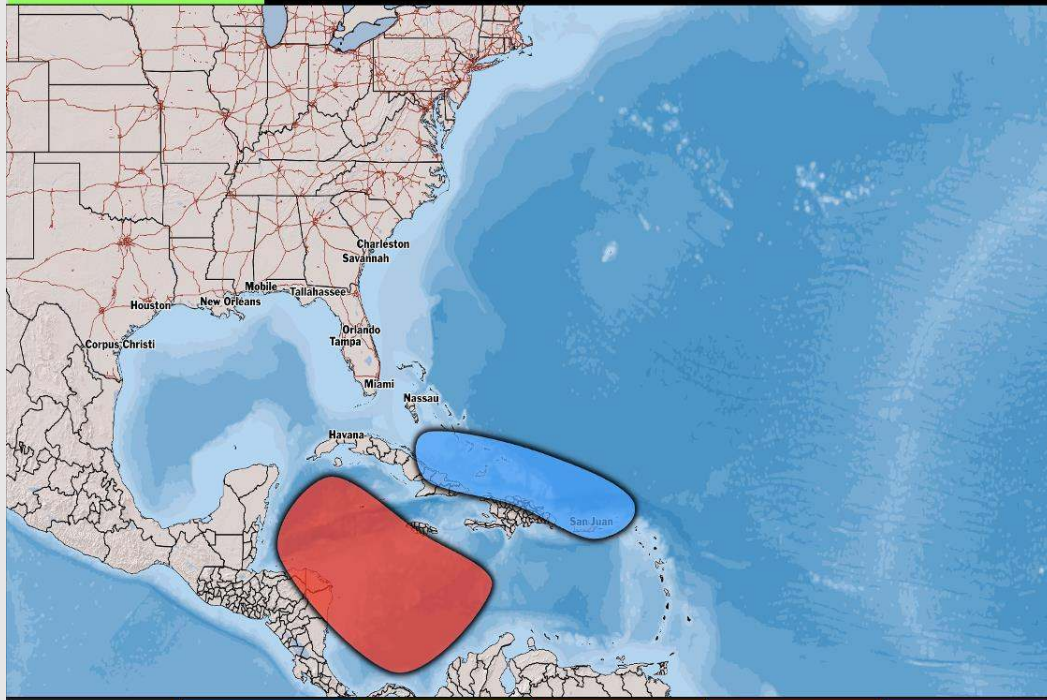
Direct impacts for HOU area over the next 7-10 days cannot be 100% ruled out.

Houston Pilots Tropical Update



Potential for Tropical Development

TROPICAL INSIGHT 12:00 PM CT Friday, November 1, 2024 **Forecaster: Feick**



Formation Chances	0 - 20%	20%-40%	40%-60%	60%-80%	80% - 100%
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Timing: SUN 11/3 – WED 11/6

FORECAST NOTES:

- ✓ Data shows support of gradual tropical development late this weekend into early next week
- ✓ Exact details on potential track remain uncertain at this time and potential US impacts cannot be ruled out
- ✓ Area in **red** is area of greatest risk. Area in **blue** at a low-end risk

Houston Pilots Extended Range Visibility Report



Monday 11/4/24

Fog not favored for MON.

Forecast Confidence



Tuesday 11/5/24

Fog not favored for TUE.

Forecast Confidence



Wednesday 11/6/24

Fog not favored for WED.

Forecast Confidence



Chance for Fog

Monday AM	Unlikely
Monday PM	Unlikely
Tuesday AM	Unlikely
Tuesday PM	Unlikely
Wednesday AM	Unlikely
Wednesday PM	Unlikely

Houston Pilots Visibility Chart (miles)



Forecast Confidence



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	7.9	9	9	9	9	7.9	9	6.9	7.9	9	10	10
Houston Pilots M - Kinder 1	10	10	10	10	10	10	10	10	10	10	10	9	7.9	7.9	9	7.9	9	7.9	7.9	6.9	6.9	9	10	10
Houston Pilots L - Greens Bayou	10	10	10	10	10	10	10	10	10	10	10	7.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	7.9	10	10
Houston Pilots K - Shell Crude	10	10	10	10	10	10	10	10	10	10	9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	7.9	9	10
Houston Pilots J - Lynchburg Ferries	10	10	10	10	10	10	10	10	10	10	8	7.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	7.9	10	10
Houston Pilots I - Exxon 3	10	10	10	10	10	10	10	10	10	10	8	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	7.9	9	10
Houston Pilots H - Morgans Point	10	10	10	10	10	9	9	10	9	9	8	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	7.9	9	10
Houston Pilots G - 75/76	10	10	10	10	10	10	10	10	9	9	8	7.9	6.9	6.9	6.9	6.9	6.9	6.9	7.9	6.9	7.9	7.9	8	9
Houston Pilots F - 63/64	10	10	10	10	10	10	10	10	9	9	8	7.9	7.9	6.9	6.9	6.9	6.9	6.9	7.9	6.9	7.9	7.9	8	9
Houston Pilots E - 51/52	10	10	10	10	10	10	10	10	10	10	10	7.9	7.9	7.9	6.9	6.9	7.9	7.9	9	7.9	9	9	9	9
Houston Pilots D - 37/38	10	10	10	10	10	10	10	10	10	10	10	9	7.9	7.9	7.9	7.9	7.9	9	10	9	9	9	9	9
Houston Pilots C - 25/26	10	10	10	10	10	10	10	10	10	10	10	10	10	9	9	9	9	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	9	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	9	10	10	10	10	10	10	9	9

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

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Houston Pilots: FRI. 11/1/2024



Forecast Discussion

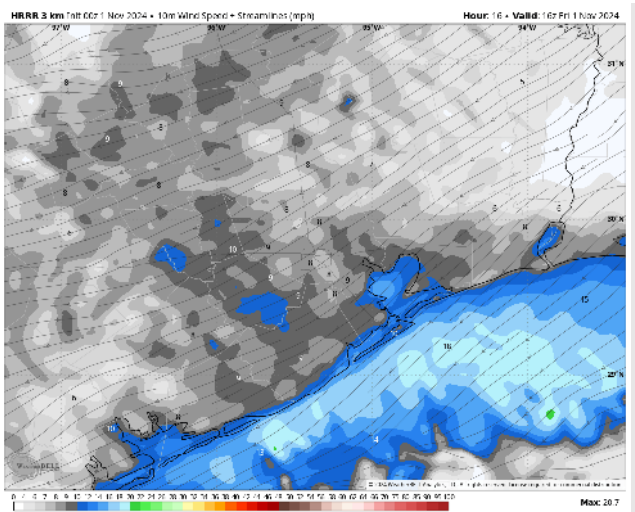
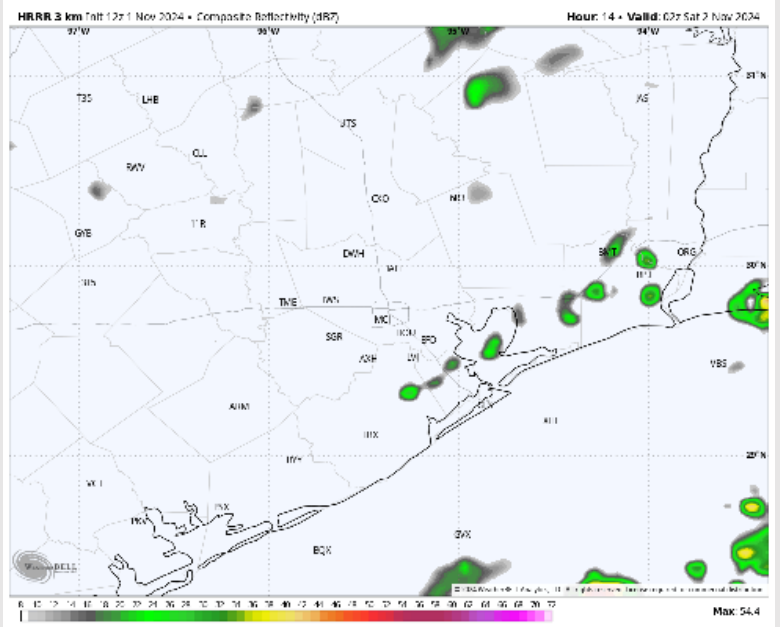
Precip: Isolated showers (10-20%) will be possible throughout the rest of the day.

Wind: Winds will be out of the ENE throughout the rest of the day. **N of Morgan's Point:** Winds will be at 2 – 7 kts for today. **S of Morgan's Point:** Winds will be 4-9 kts for the rest of the day.

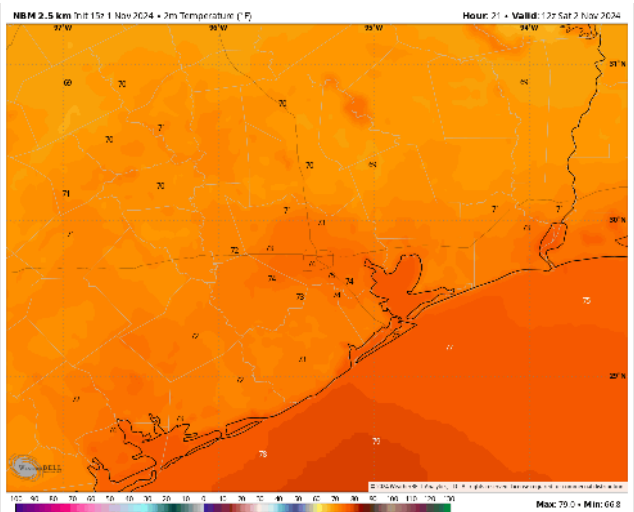
Low Temps: **N of Morgan's Point:** Mid to low 70s F. **S of Morgan's Point:** Mid to upper 70s F.

Visibility: No visibility concerns for today.

Precip Image: 10 AM CT



Wind Speed:
11 AM CT



Low Temps
SAT AM

Houston Pilots: SAT. 11/2/2024



Forecast Discussion

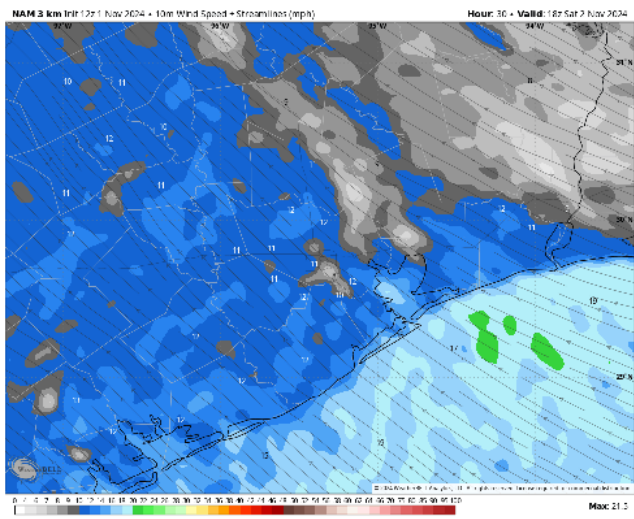
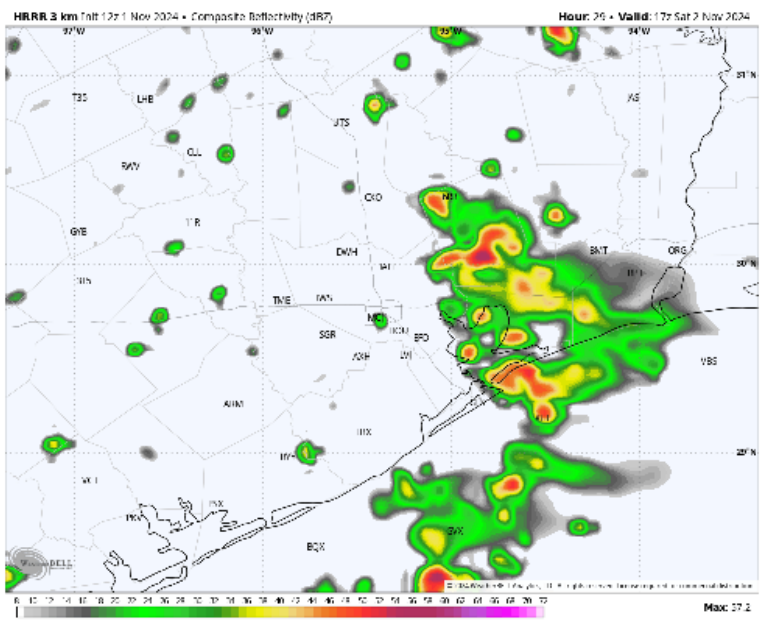
Precip: Favoring multiple rounds of showers and a few storms to be in play for all stations (50-60%) between 5AM and 9PM. Greatest coverage is expected from 10 AM – 5 PM.

Wind: Winds will be out of the SSE throughout the day. **N of Morgan's Point:** Winds will be at 8 – 12 kts for the entire day. **S of Morgan's Point:** Winds will be at 12 - 18 kts throughout the day. **Wind gusts of 20 – 25 MPH are favored for all Stations after 11 AM.**

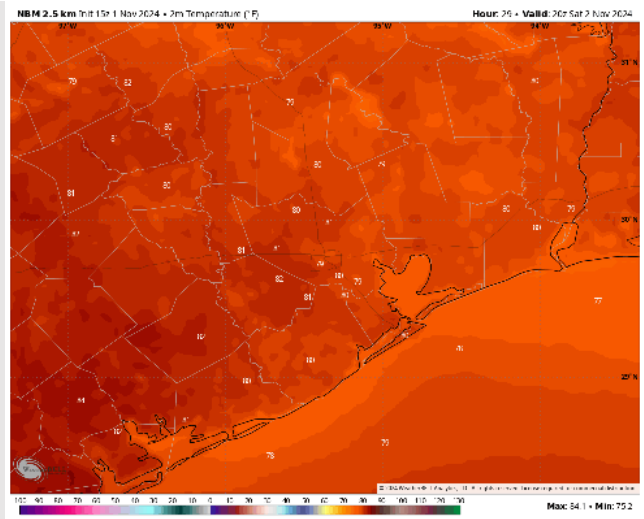
High Temps: **N of Morgan's Point:** Upper 70s F and low 80s F. **S of Morgan's Point:** Upper 70s to lower 80s F.

Visibility: No visibility concerns for Saturday.

Precip Image: 12 PM CT



Wind Speed:
1 PM CT



High Temps
Saturday

Houston Pilots: SUN. 11/3/2024



Forecast Discussion

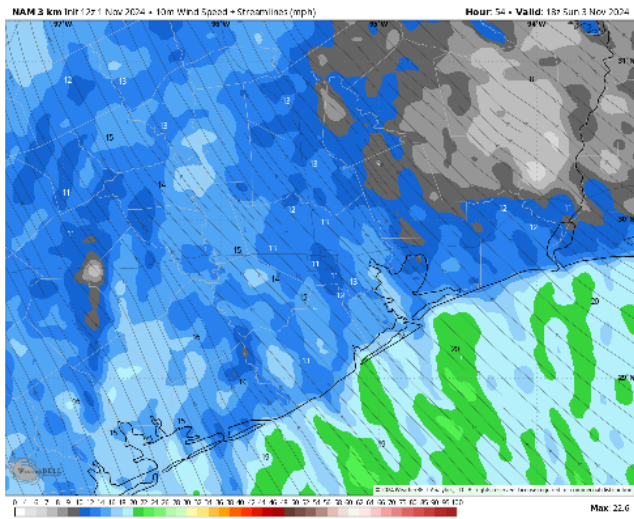
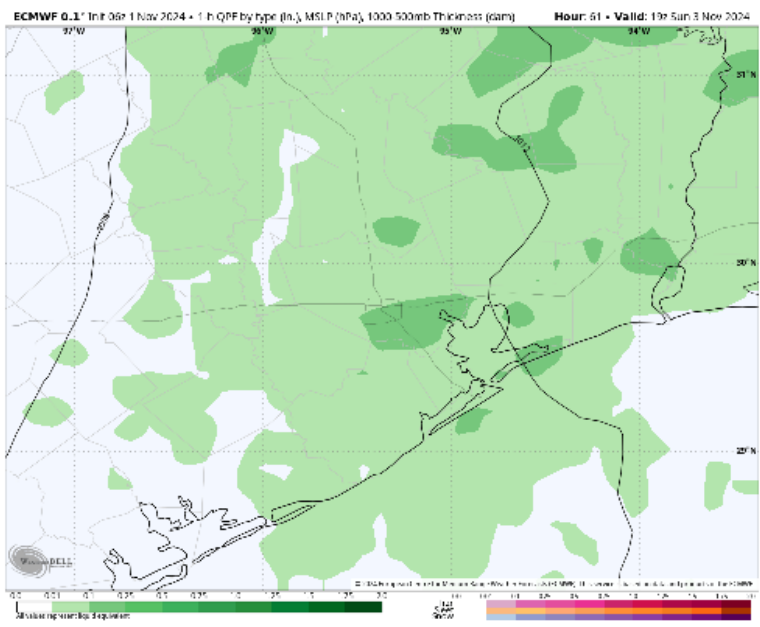
Precip: Scattered showers will begin to fill in starting at 10AM and slowly become more widespread by 2PM. Widespread showers will continue through 8PM before drying out.

Wind: Winds will be out of the S/SSW throughout the day on Sunday. **N of Morgan's Point:** Winds will be at 10 – 15 kts throughout the day. **S of Morgan's Point:** Winds will be at 15 – 20 kts throughout Sunday. **Wind gusts of 30-35 kts will be in play for all stations throughout the day on Sunday.**

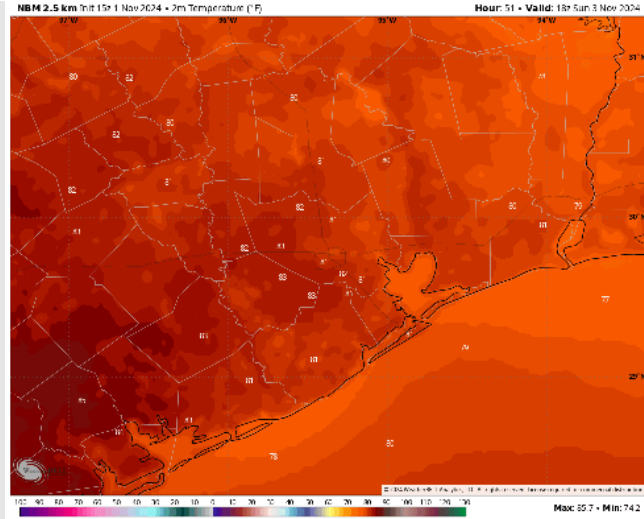
High Temps: **N of Morgan's Point:** Low 80s F. **S of Morgan's Point:** Upper 70s.

Visibility: Visibilities may be reduced in heavy downpours. Otherwise, no fog concerns for any Stations.

Precip Image: 2 PM CT



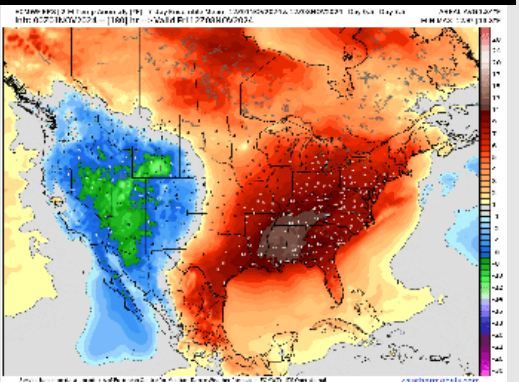
Wind Speed
1 PM CT



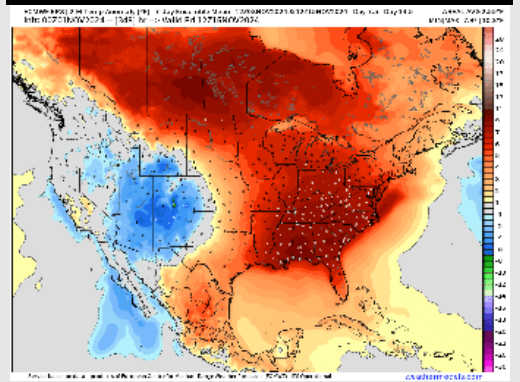
High Temps
Sunday

Houston Pilots: 11/1/24

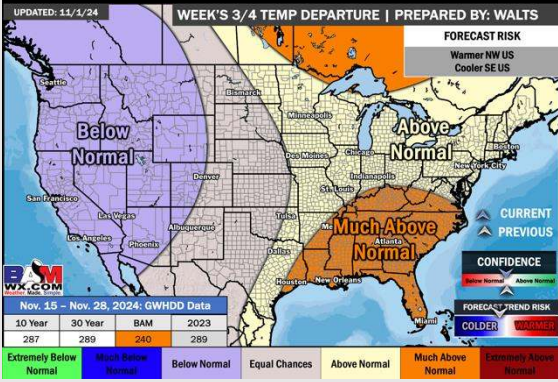
Next 7 Day Temperature Departure



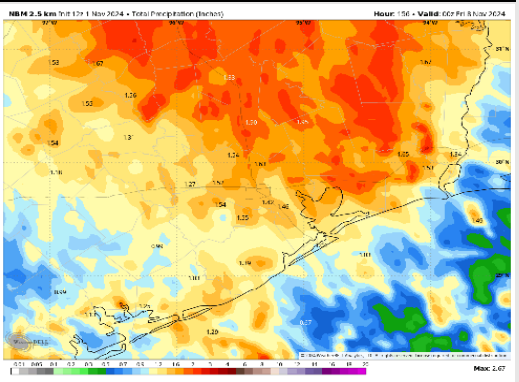
8-14 Day Temperature Departure



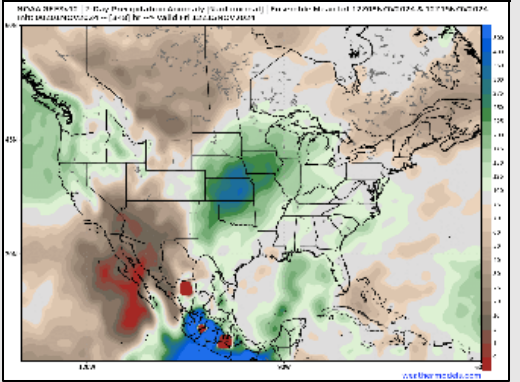
15-30 Day Temperature Departure



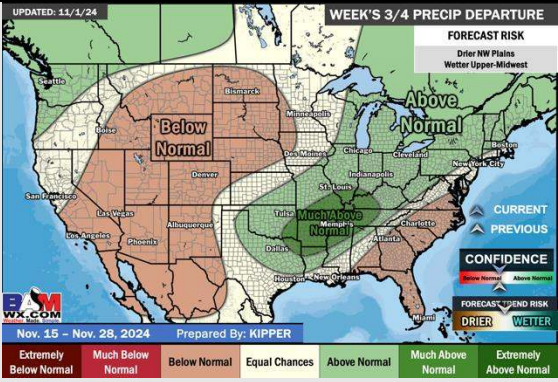
Next 7 Day Total Precipitation



8-14 Day % of Average Precip.



15-30 Day % of Average Precip.



- Temps are expected to be above normal for the week 1 timeframe. Favoring scattered rain chances to continue into the weekend.
- Above normal temperatures are favored for week 2. Favoring precipitation to be right around normal depending on the track of the upcoming tropical system.
- Above normal temperatures and near normal precipitation chances are expected for the weeks ¾ timeframe.