

Houston Pilots Forecast Package



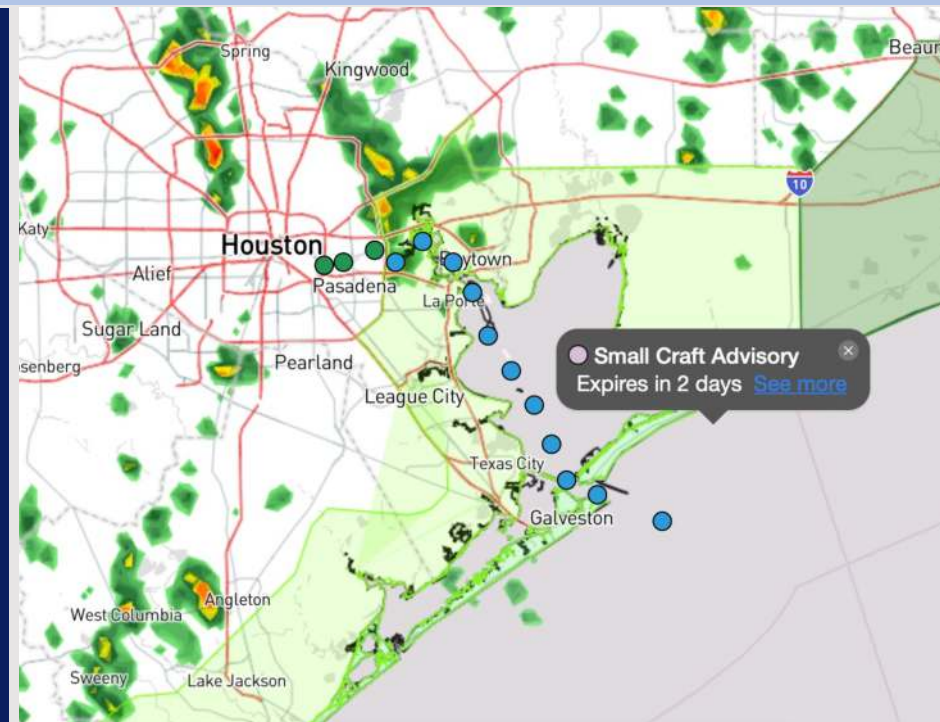
Updated: 1:00 PM CT

Sunday, November 3, 2024

Forecaster: Hope Kleitsch

Weather Headlines

- **Gusty winds of 25+ kts will be in play through early TUE AM.**
- **Wave heights will begin to increase this PM and into MON. Monitoring potential for 6'+ wave heights by MON AM. Zulu trigger currently in effect!**
- **Monitoring potential for tropical development and low-end impact chances over the next 7-10 Days**
- **Latest Video: [Zulu Port Condition Update](#)**



Current Radar: 1:00 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

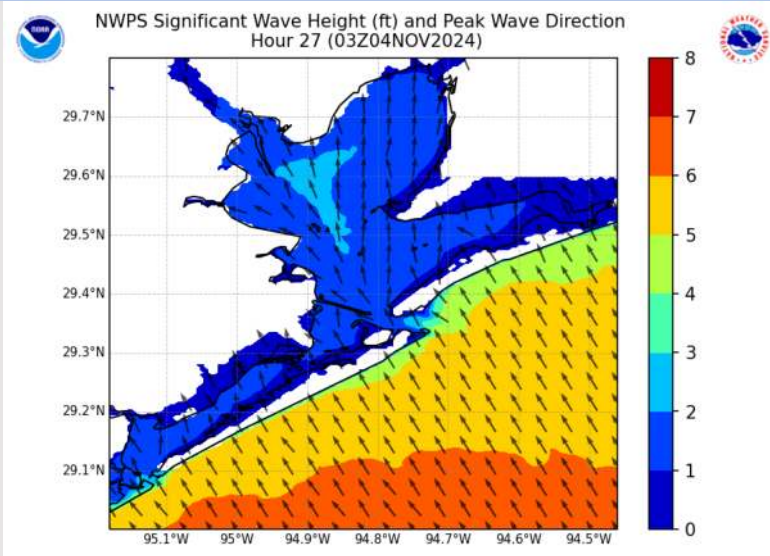


Port Condition	34 KTS+ Sustained Wind Trigger Reached at:	6 Foot Wave Trigger Reached at:	Time Remaining/Trigger Ends At:
Victor	—	—	—
Whiskey	—	—	—
X-Ray	—	—	—
Yankee	—	—	—
Zulu	—	Current	9 AM TUE

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	YES
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	YES

NOTES: Strong winds will allow for wave heights to increase throughout the weekend (SUN into MON). Wave heights are expected to reach/exceed 6' late SUN PM and will linger through TUE AM.

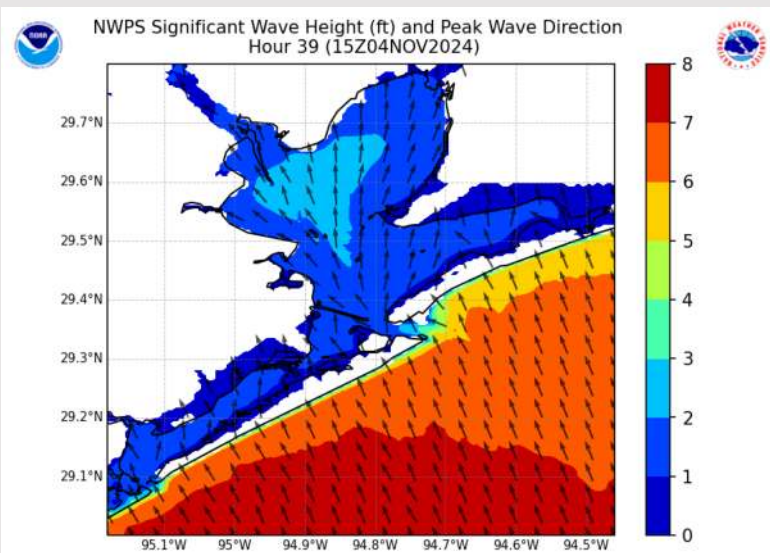
Wave Height Forecast Update



9 PM CT SUN

Strong southerly winds SUN PM and into MON AM will bring elevated wave heights near of 5' – 7' by 9 PM SUN.

Wave heights after 12AM MON are favored to continue to increase with peak wave heights approaching 6' – 8' by 6AM MON morning. After 9AM MON wave heights will slowly decrease, dipping below 6' by 9AM TUE.



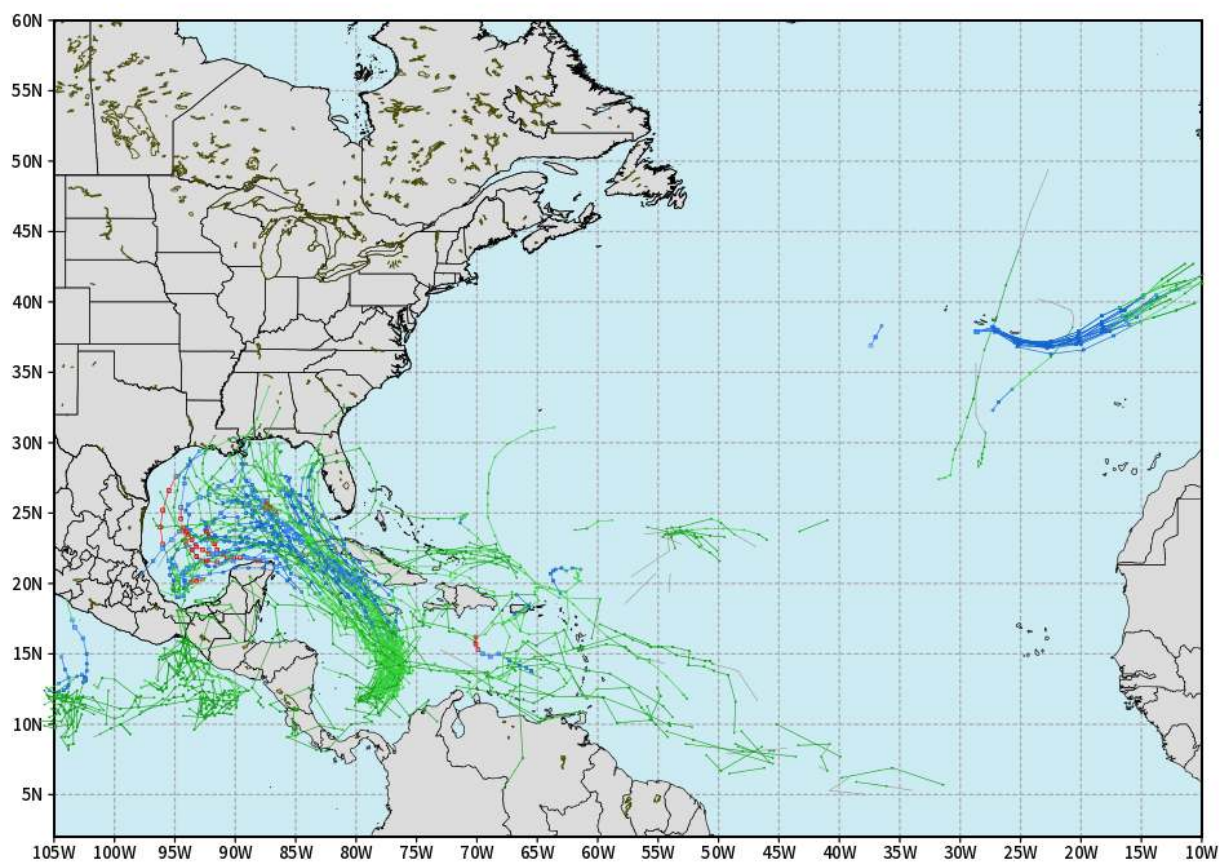
9 AM CT MON

Houston Pilots Tropical Update

European Tropical Tracks - Next 10 Days

ECMWF ATLANTIC EPS Cyclone Locations --> Next [10-days]
INIT: 00Z03NOV2024 --> UNTIL 00Z13NOV2024

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

We are monitoring increasing potential for tropical formation in the Western Caribbean early this week.

Confidence remains low in exact track, however potential into the C/W Gulf of Mexico will need to be monitored 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 Tropical Development

TROPICAL INSIGHT 10:30 PM ET Saturday, November 2nd, 2024 Forecaster: Lowry



TIMING: SUN 11/3 – Thu 11/7

FORECAST NOTES:

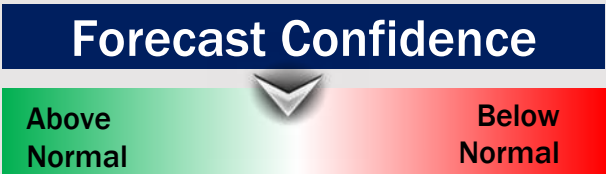
- ✓ Tropical Development is favored SUN PM and into MON PM in the W Caribbean
- ✓ Exact details on potential track/intensity remain uncertain currently, however a NW/N track into the Gulf of Mexico is favored/
- ✓ Locations in Pink highlights favored progression of system regardless of development. Formation chances are at 80%

Houston Pilots Extended Range Visibility Report



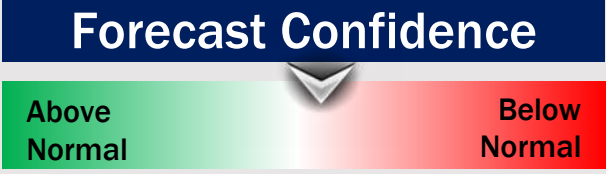
Wednesday 11/6/24

Fog not favored for WED.



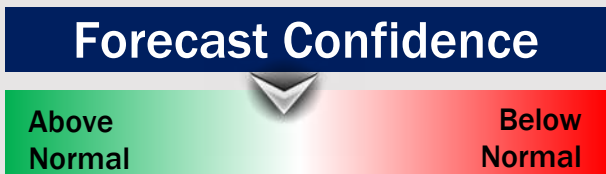
Thursday 11/7/24

Fog not favored for THU.



Friday 11/8/24

Fog not favored for FRI.



Chance for Fog

Wednesday AM	Unlikely
Wednesday PM	Unlikely
Thursday AM	Unlikely
Thursday PM	Unlikely
Friday AM	Unlikely
Friday PM	Unlikely

Houston Pilots Visibility Chart (miles)



Forecast Confidence



Visibility	Sun 2 pm	Sun 3 pm	Sun 4 pm	Sun 5 pm	Sun 6 pm	Sun 7 pm	Sun 8 pm	Sun 9 pm	Sun 10 pm	Sun 11 pm	Mon 12 am	Mon 1 am	Mon 2 am	Mon 3 am	Mon 4 am	Mon 5 am	Mon 6 am	Mon 7 am	Mon 8 am	Mon 9 am	Mon 10 am	Mon 11 am	Mon 12 pm	Mon 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	9	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	9	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	9	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	9	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	9	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	9	10	10	10
Houston Pilots H - Morgans Point	10	10	10	10	10	9	10	10	10	10	10	10	10	10	10	10	10	10	10	9	7.9	10	10	10
Houston Pilots G - 75/76	6.9	7.9	10	9	7.9	6.9	6.9	6.9	7.9	7.9	7.9	9	7.9	9	7.9	10	10	10	10	6.9	6.9	6.9	6.9	10
Houston Pilots F - 63/64	6.9	7.9	10	9	7.9	6.9	6.9	6.9	7.9	7.9	7.9	7.9	7.9	9	7.9	10	10	10	10	6.9	6.9	6.9	6.9	10
Houston Pilots E - 51/52	6.9	7.9	10	9	7.9	6.9	6.9	6.9	7.9	7.9	7.9	7.9	9	9	9	10	10	10	10	7.9	6.9	6.9	6.9	10
Houston Pilots D - 37/38	7.9	7.9	10	9	7.9	6.9	6.9	6.9	7.9	7.9	7.9	9	9	9	9	10	10	10	10	7.9	6.9	6.9	6.9	10
Houston Pilots C - 25/26	7.9	9	10	9	9	6.9	7.9	6.9	7.9	7.9	9	9	9	10	9	10	10	10	10	7.9	6.9	7.9	6.9	10
Houston Pilots B - 11/12	7.9	9	10	10	9	6.9	7.9	6.9	7.9	7.9	7.9	9	9	9	9	10	10	10	10	7.9	6.9	7.9	7.9	10
Houston Pilots A - 1 & 2 Bravo	7.9	9	10	10	9	6.9	7.9	6.9	7.9	7.9	7.9	7.9	7.9	9	9	10	10	10	10	7.9	6.9	7.9	7.9	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	Sun 2 pm	Sun 3 pm	Sun 4 pm	Sun 5 pm	Sun 6 pm	Sun 7 pm	Sun 8 pm	Sun 9 pm	Sun 10 pm	Sun 11 pm	Mon 12 am	Mon 1 am	Mon 2 am	Mon 3 am	Mon 4 am	Mon 5 am	Mon 6 am	Mon 7 am	Mon 8 am	Mon 9 am	Mon 10 am	Mon 11 am	Mon 12 pm	Mon 1 pm
Houston Pilots N - 610 Bridge	15 29 ↑	15 30 ↑	15 30 ↑	15 30 ↑	15 28 ↑	13 25 ↑	13 26 ↑	15 26 ↑	15 28 ↑	15 28 ↑	15 26 ↑	15 26 ↑	14 26 ↑	14 26 ↑	13 25 ↑	14 25 ↑	14 25 ↑	14 24 ↑	15 28 ↑	17 30 ↑	17 30 ↑	17 33 ↑	17 35 ↑	17 33 ↑
Houston Pilots M - Kinder 1	15 29 ↑	15 30 ↑	15 30 ↑	15 30 ↑	15 28 ↑	13 25 ↑	14 26 ↑	15 28 ↑	15 28 ↑	15 29 ↑	15 28 ↑	15 26 ↑	14 26 ↑	14 26 ↑	13 25 ↑	14 25 ↑	14 25 ↑	14 25 ↑	15 28 ↑	17 30 ↑	17 30 ↑	18 33 ↑	18 35 ↑	17 35 ↑
Houston Pilots L - Greens Bayou	16 30 ↑	15 31 ↑	15 30 ↑	15 29 ↑	15 28 ↑	13 25 ↑	15 26 ↑	15 28 ↑	15 28 ↑	15 29 ↑	15 28 ↑	15 28 ↑	14 28 ↑	14 26 ↑	13 26 ↑	14 26 ↑	14 26 ↑	14 26 ↑	15 29 ↑	16 30 ↑	17 30 ↑	18 33 ↑	18 35 ↑	18 35 ↑
Houston Pilots K - Shell Crude	15 30 ↑	15 31 ↑	15 30 ↑	15 29 ↑	15 26 ↑	13 25 ↑	15 26 ↑	15 28 ↑	15 29 ↑	15 30 ↑	15 29 ↑	15 28 ↑	14 28 ↑	14 28 ↑	14 26 ↑	14 26 ↑	14 26 ↑	14 28 ↑	15 29 ↑	17 31 ↑	17 31 ↑	18 33 ↑	18 35 ↑	17 35 ↑
Houston Pilots J - Lynchburg Ferries	16 30 ↑	16 31 ↑	16 30 ↑	16 29 ↑	15 28 ↑	14 25 ↑	14 26 ↑	15 28 ↑	15 30 ↑	15 30 ↑	14 29 ↑	14 29 ↑	14 29 ↑	13 28 ↑	13 28 ↑	13 28 ↑	14 28 ↑	14 28 ↑	15 30 ↑	16 31 ↑	17 31 ↑	20 33 ↑	20 33 ↑	20 35 ↑
Houston Pilots I - Exxon 3	18 28 ↑	18 29 ↑	17 28 ↑	18 28 ↑	20 28 ↑	18 26 ↑	20 26 ↑	21 29 ↑	22 29 ↑	22 30 ↑	22 30 ↑	22 30 ↑	22 30 ↑	22 30 ↑	22 29 ↑	22 30 ↑	22 30 ↑	21 29 ↑	22 30 ↑	22 32 ↑	22 31 ↑	22 33 ↑	22 33 ↑	22 32 ↑
Houston Pilots H - Morgans Point	18 28 ↑	18 28 ↑	17 28 ↑	18 28 ↑	18 28 ↑	18 26 ↑	18 26 ↑	20 29 ↑	21 29 ↑	22 31 ↑	22 30 ↑	22 30 ↑	22 30 ↑	22 30 ↑	21 30 ↑	22 30 ↑	22 30 ↑	21 30 ↑	22 30 ↑	22 32 ↑	21 31 ↑	22 33 ↑	22 33 ↑	22 32 ↑
Houston Pilots G - 75/76	20 29 ↑	20 30 ↑	20 29 ↑	20 30 ↑	20 29 ↑	20 26 ↑	20 29 ↑	21 30 ↑	22 32 ↑	24 33 ↑	24 33 ↑	24 35 ↑	24 35 ↑	24 35 ↑	24 33 ↑	24 35 ↑	24 35 ↑	23 33 ↑	24 35 ↑	24 33 ↑	23 35 ↑	24 35 ↑	23 36 ↑	22 35 ↑
Houston Pilots F - 63/64	18 29 ↑	20 30 ↑	20 30 ↑	20 30 ↑	20 29 ↑	20 26 ↑	20 29 ↑	22 30 ↑	22 32 ↑	23 33 ↑	24 33 ↑	23 33 ↑	24 35 ↑	24 35 ↑	24 35 ↑	24 35 ↑	24 33 ↑	24 35 ↑	24 35 ↑	24 35 ↑	24 35 ↑	23 35 ↑	24 35 ↑	23 36 ↑
Houston Pilots E - 51/52	18 28 ↑	20 29 ↑	20 29 ↑	21 29 ↑	20 29 ↑	20 26 ↑	20 29 ↑	22 30 ↑	22 31 ↑	23 33 ↑	23 33 ↑	23 32 ↑	24 35 ↑	24 35 ↑	24 33 ↑	24 35 ↑	24 35 ↑	24 33 ↑	24 36 ↑	24 36 ↑	24 36 ↑	23 36 ↑	23 36 ↑	23 36 ↑
Houston Pilots D - 37/38	18 28 ↑	20 29 ↑	20 29 ↑	20 29 ↑	20 29 ↑	20 26 ↑	20 28 ↑	21 30 ↑	22 31 ↑	22 32 ↑	22 32 ↑	22 32 ↑	23 33 ↑	24 35 ↑	23 33 ↑	24 35 ↑	24 35 ↑	23 33 ↑	24 36 ↑	24 36 ↑	24 36 ↑	23 36 ↑	23 36 ↑	23 36 ↑
Houston Pilots C - 25/26	18 28 ↑	20 29 ↑	20 28 ↑	20 28 ↑	20 28 ↑	18 26 ↑	20 28 ↑	20 30 ↑	21 30 ↑	22 31 ↑	22 32 ↑	22 32 ↑	22 33 ↑	22 33 ↑	22 33 ↑	23 35 ↑	23 35 ↑	22 33 ↑	23 35 ↑	24 36 ↑	24 36 ↑	23 35 ↑	23 35 ↑	23 36 ↑
Houston Pilots B - 11/12	17 26 ↑	17 26 ↑	17 26 ↑	17 26 ↑	17 26 ↑	17 26 ↑	17 26 ↑	18 29 ↑	18 30 ↑	20 31 ↑	20 31 ↑	20 32 ↑	20 32 ↑	20 33 ↑	20 32 ↑	21 33 ↑	21 33 ↑	21 32 ↑	22 33 ↑	22 35 ↑	22 35 ↑	21 33 ↑	22 35 ↑	21 33 ↑
Houston Pilots A - 1 & 2 Bravo	18 28 ↑	18 29 ↑	18 29 ↑	20 30 ↑	20 30 ↑	20 29 ↑	20 31 ↑	22 32 ↑	22 33 ↑	22 33 ↑	23 33 ↑	23 33 ↑	24 36 ↑	24 36 ↑	24 36 ↑	24 37 ↑	24 37 ↑	24 36 ↑	24 37 ↑	24 37 ↑	24 37 ↑	23 36 ↑	23 36 ↑	22 36 ↑

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Houston Pilots: SUN. 11/3/2024



Forecast Discussion

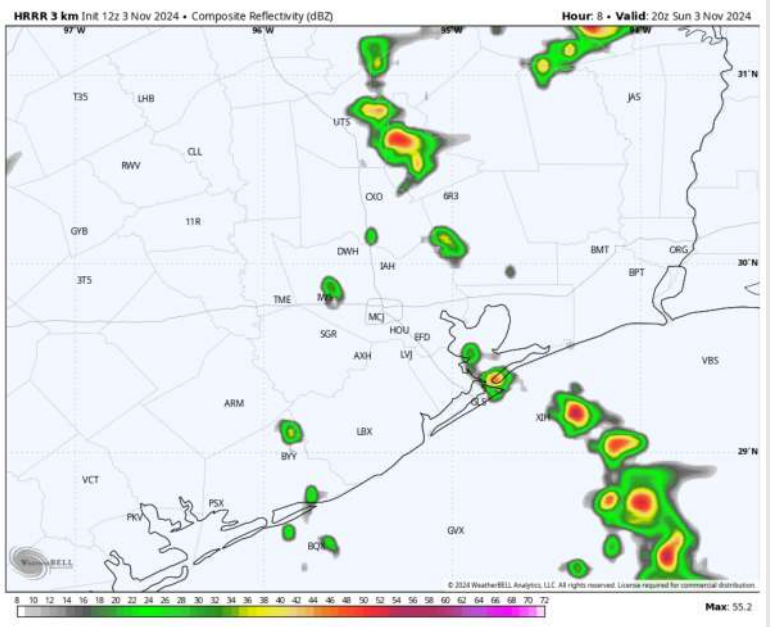
Precip: Isolated showers (20%) will continue throughout the rest of the day, along with a few thunderstorms/heavy downpours. A possible break in the rain chances from 5PM – 8PM, before starting up again.

Wind: Winds will be out of the S/SSE throughout the day. **N of Morgan's Point:** Winds will be at 11 – 16 kts for the rest of the day. **S of Morgan's Point:** Winds will be at 15 – 20 kts through 9 PM. After 9 PM winds increase to 18– 23 kts. **Wind gusts of 27 - 33 kts will be in play for all Stations.**

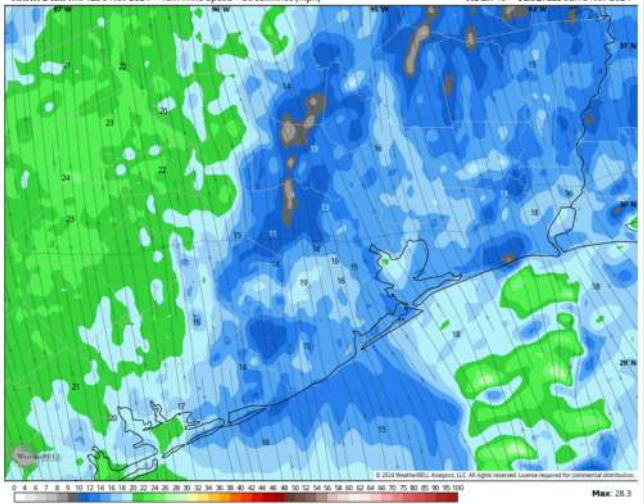
Low Temps: **N of Morgan's Point:** Mid to upper 70s F. **S of Morgan's Point:** Mid to upper 70s F.

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

Precip Image: 3 PM CT

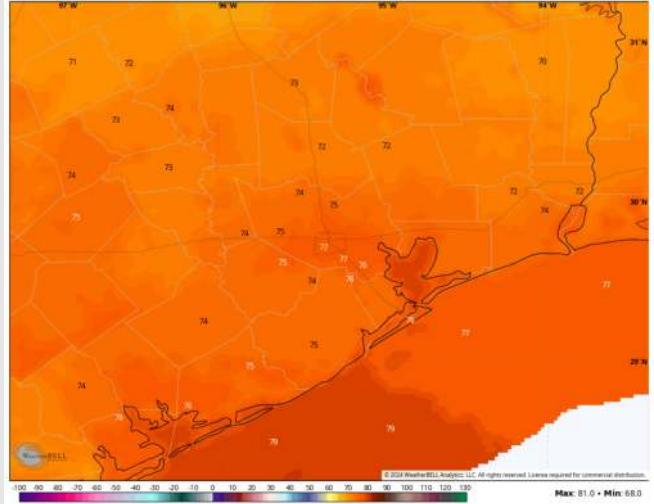


HRRR 3 km Init 12z 3 Nov 2024 • 10m Wind Speed • Streamlines (mph) Hour: 10 • Valid: 22z Sun 3 Nov 2024



Wind Speed
4 PM CT

NDFD 2.5 km Init 18z 3 Nov 2024 • Daily Min. 2m Temperature (°F) Valid: Mon 4 Nov 2024



Low Temps
MON AM

Houston Pilots: MON. 11/4/2024



Forecast Discussion

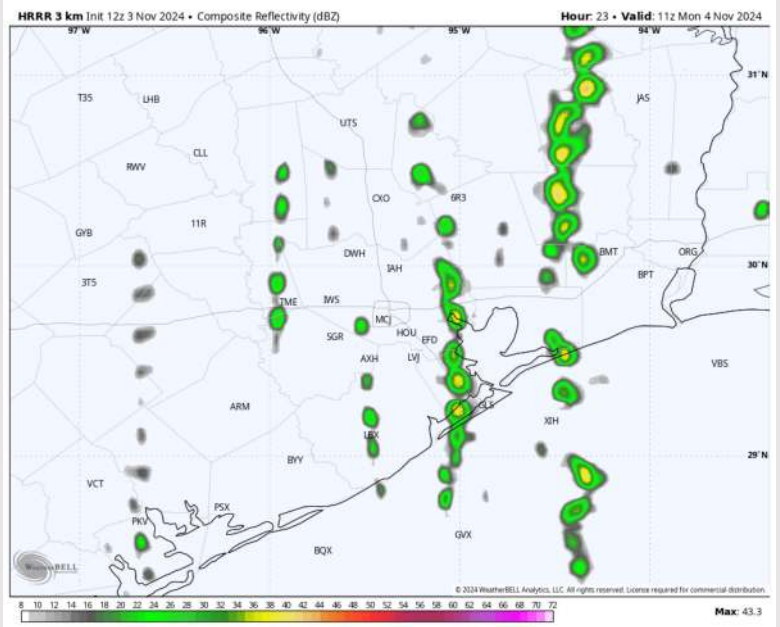
Precip: Scattered (40-50%) showers will be possible throughout the day on Monday.

Wind: Winds will be out of the SE throughout Monday. **N of Morgan's Point:** Winds will be at 12 – 18 kts throughout the day on Monday. **S of Morgan's Point:** Winds will be 20 – 25 kts for the entire day Monday. **Wind gusts of 25 – 30 kts will be possible for all stations Monday, with higher gusts of 33 – 38 kts from 9AM - 5 PM.**

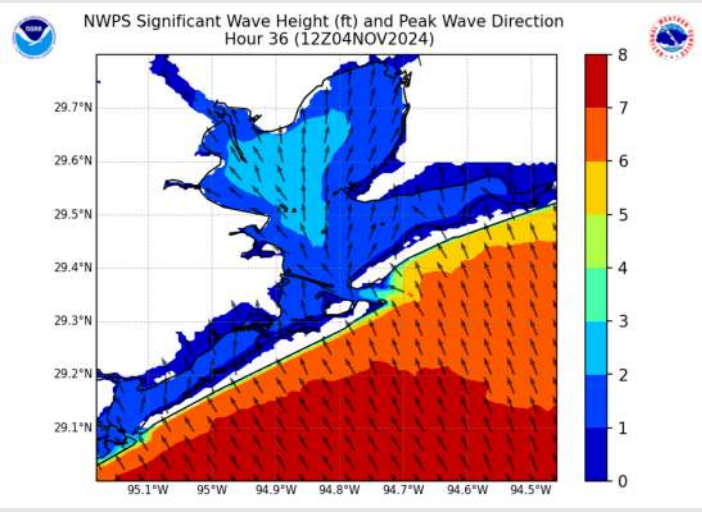
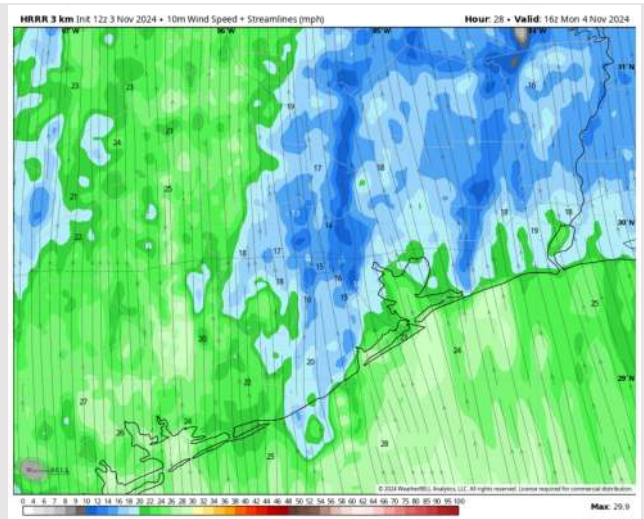
High Temps: **N of Morgan's Point:** Mid 80s F. **S of Morgan's Point:** Lower 80s F.

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

Precip Image: 5 AM CT



Wind Speed:
10 AM CT



Wave Heights
6 AM CT

Houston Pilots: TUE. 11/5/2024



Forecast Discussion

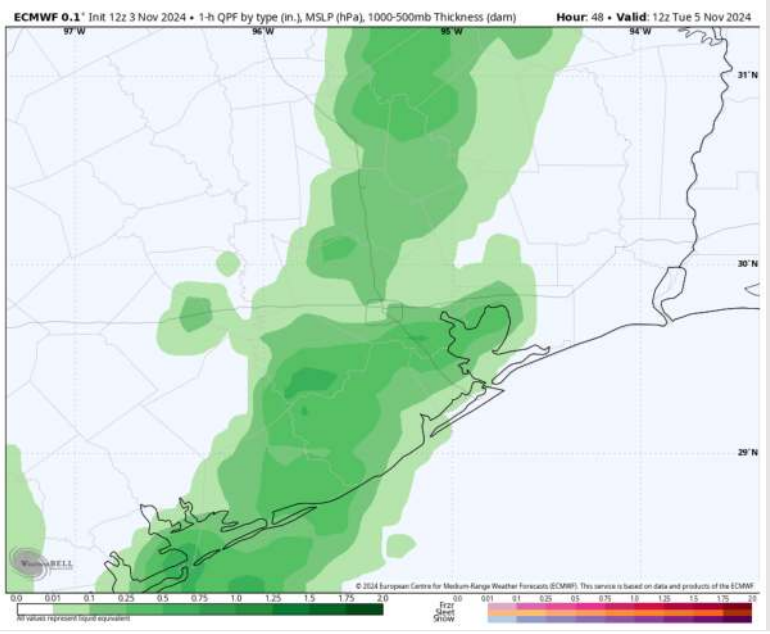
Precip: Widespread showers in play for all Stations between 3 AM – 2 PM. Dry conditions favored after 2 PM.

Wind: Winds will be out of the SE through 6 AM, becoming variable in direction through 12PM. Winds are expected to settle out of the N/NW after 12 PM. **N of Morgan's Point:** Winds will start the day at 12-16 kts but will decrease to 3-8 kts by 6 AM. **S of Morgan's Point:** Winds will begin the day at 18-22 kts but will decrease to 8-13 kts by 10 AM. Winds will then decrease further to 4-9 kts by 12 PM. **Wind gusts of 20-25 kts in play for all Stations through 5 AM.**

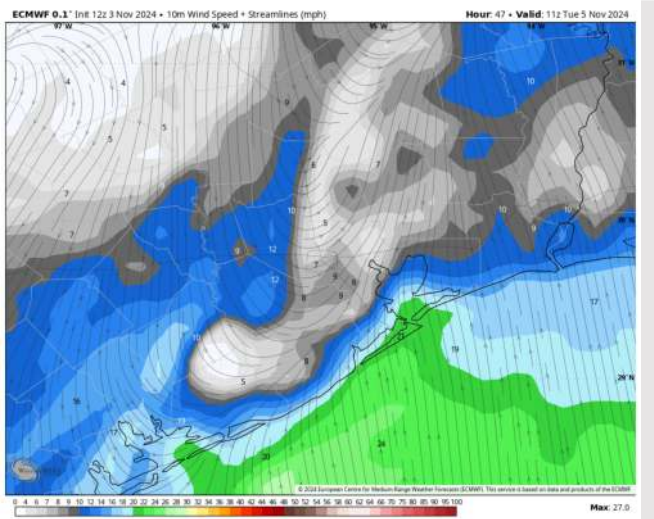
High Temps: **N of Morgan's Point:** Mid 70s F. **S of Morgan's Point:** Mid to Upper 70s F

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

Precip Image: 6 AM CT

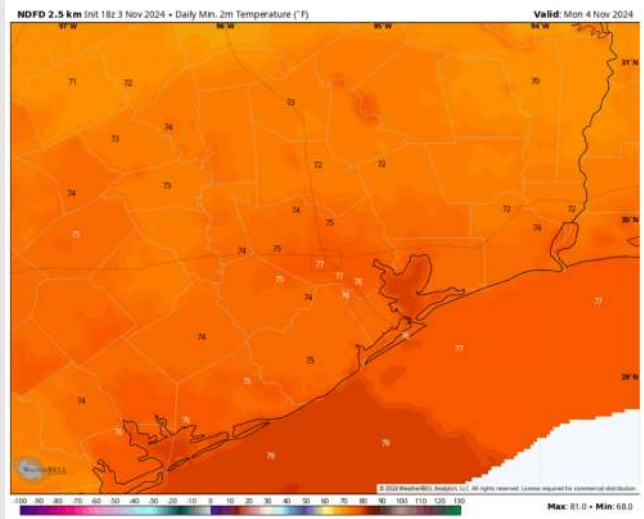


Wind Speed: 5 AM CT



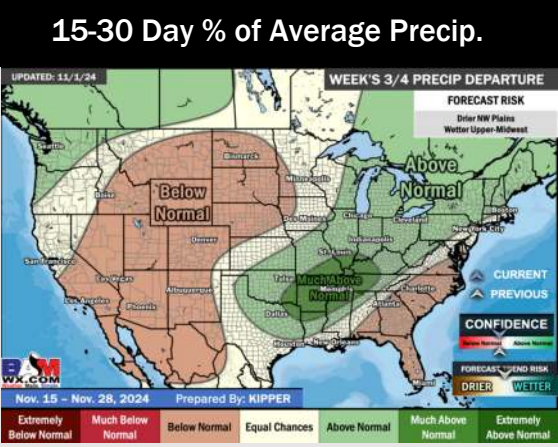
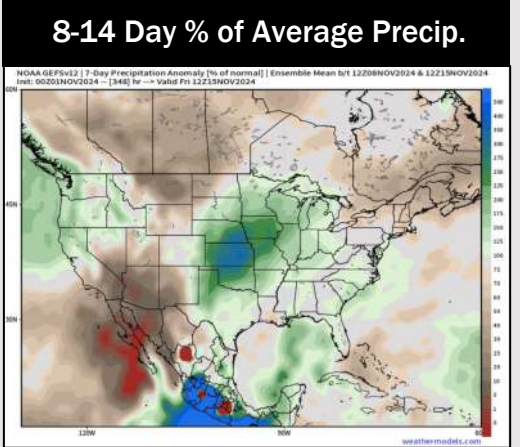
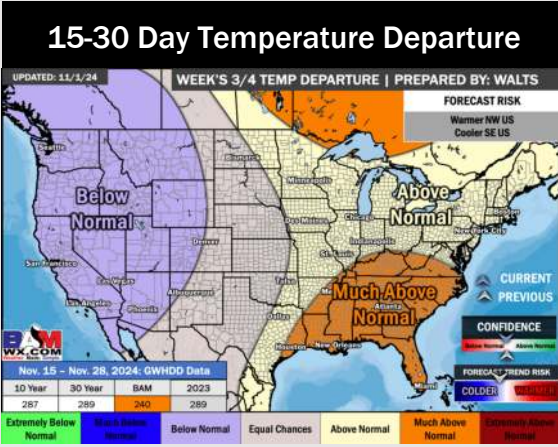
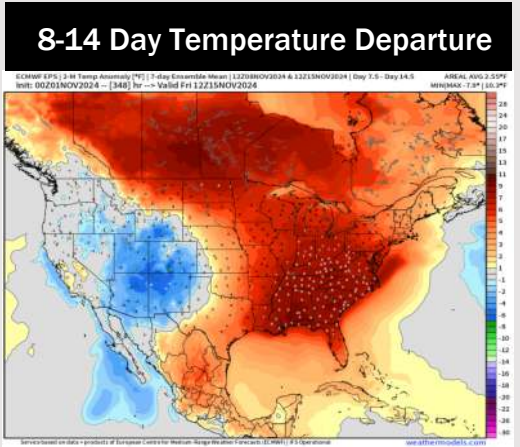
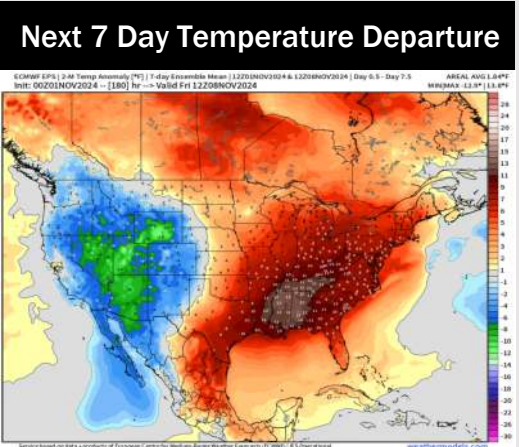
Wind Speed:
5 AM CT

High Temps Tuesday



High Temps
Tuesday

Houston Pilots: 11/3/24



- Temps are expected to be above normal for the week 1 timeframe. Favoring scattered rain chances to continue for the week 1 period.
- 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 3/4 timeframe.