

# Houston Pilots Forecast Package

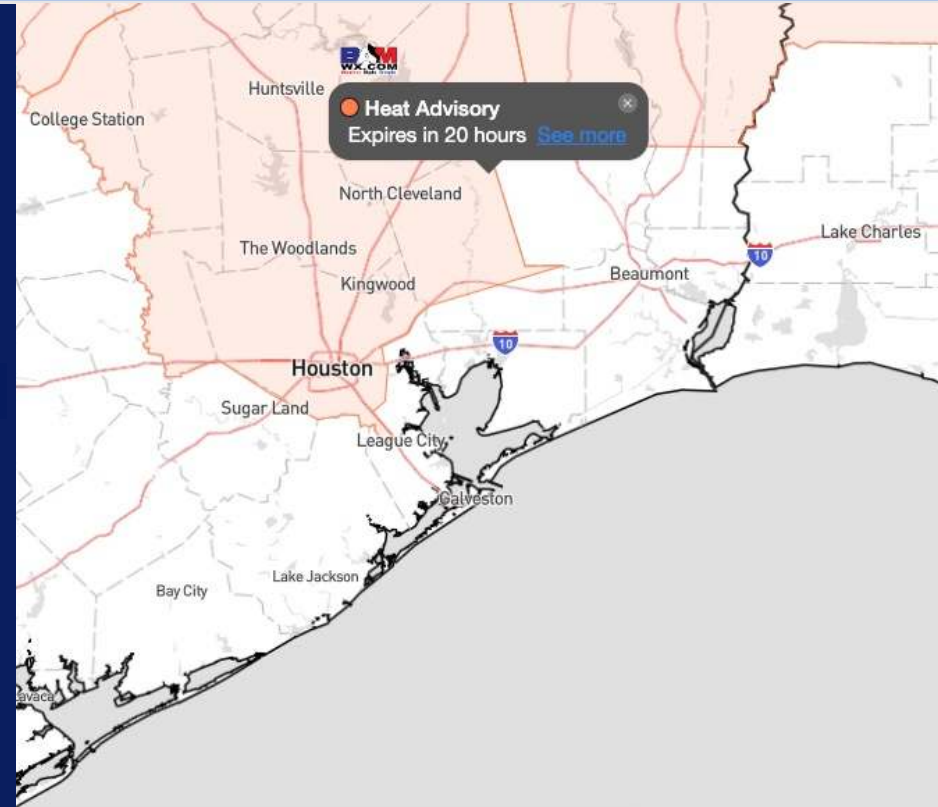


Updated: 11:00 PM CT  
Tuesday, July 2, 2024

Forecaster: Jonathan Kipper

## Weather Headlines

- Scattered shower/storm chances will continue throughout the week. Favoring more dry time than not!
- Winds are expected to be relatively calm throughout the coming days, not expected to exceed 14 kts.
- **Monitoring Hurricane Beryl that is currently a CAT 4 storm. See graphics below for latest thinking!**
- [Beryl Video Update](#)



Current Radar: 10:50 PM CT



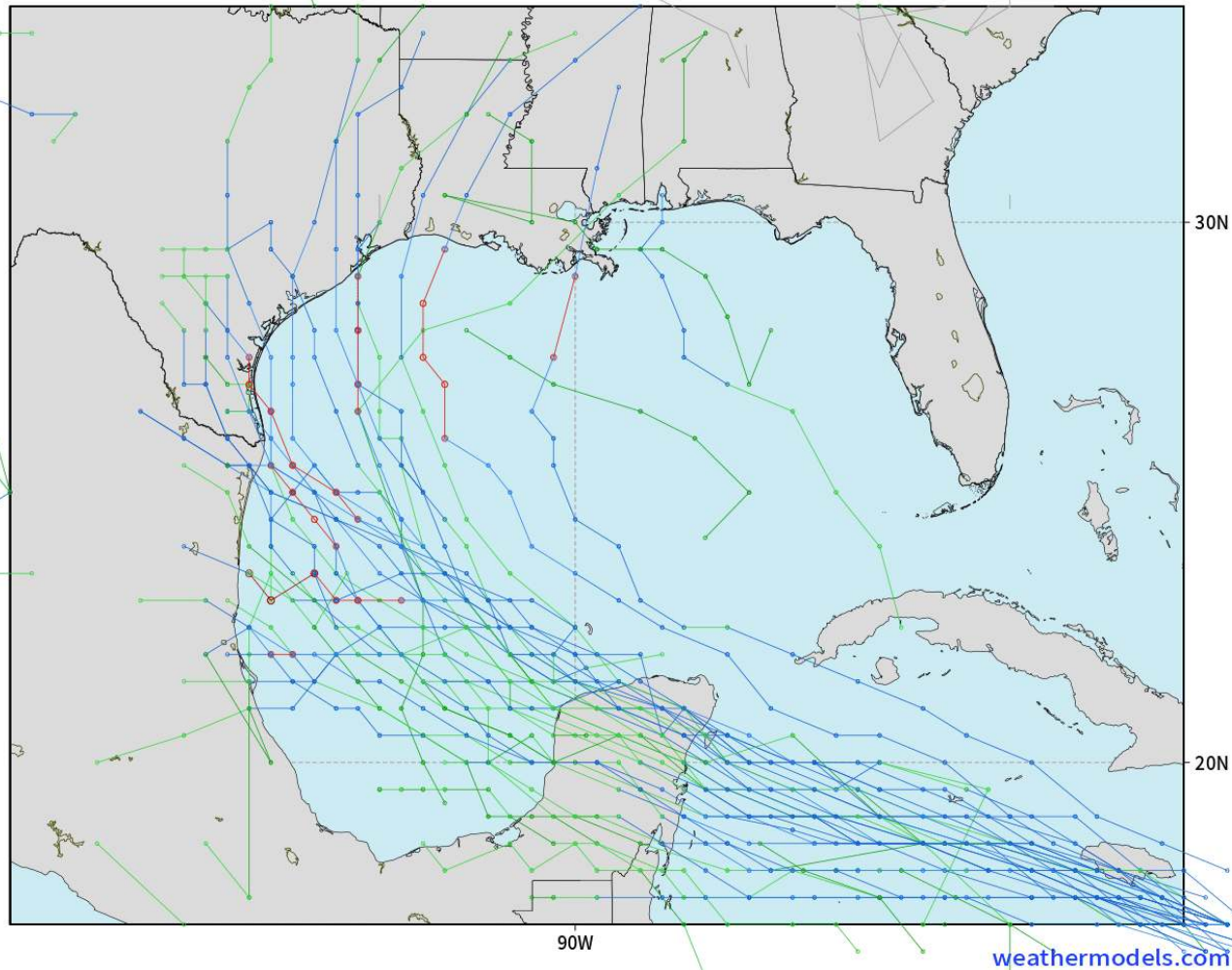
As always, please do not hesitate to reach out to us with any forecast questions via the chat option on Clarity or our on-call number, **(317)-560-8122** press **1** for forecast questions.

# Houston Pilots Tropical Update

## American Model Next 10 Days - Tropical Tracks

NOAA GFSv12 | All Ensemble Cyclones +240 Hours  
INIT: 18Z02JUL2024 --> UNTIL 18Z12JUL2024

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



Major Hurricane Beryl continues to work through the S Caribbean. (See Next Slide for More Info).

While the exact track and impacts of Beryl are still to be determined, latest model data continues to indicated potential impacts towards the Gulf Coast of Texas. IF HOU is in the path, we are most concerned about the 8<sup>th</sup> - 10<sup>th</sup> window.

Data will continue to be monitored CLOSELY over the coming days, with possibility of Victor Trigger if trends continue.

# Hurricane Beryl Outlook

TUE July 2<sup>nd</sup> – SUN July 7<sup>th</sup>, 2024

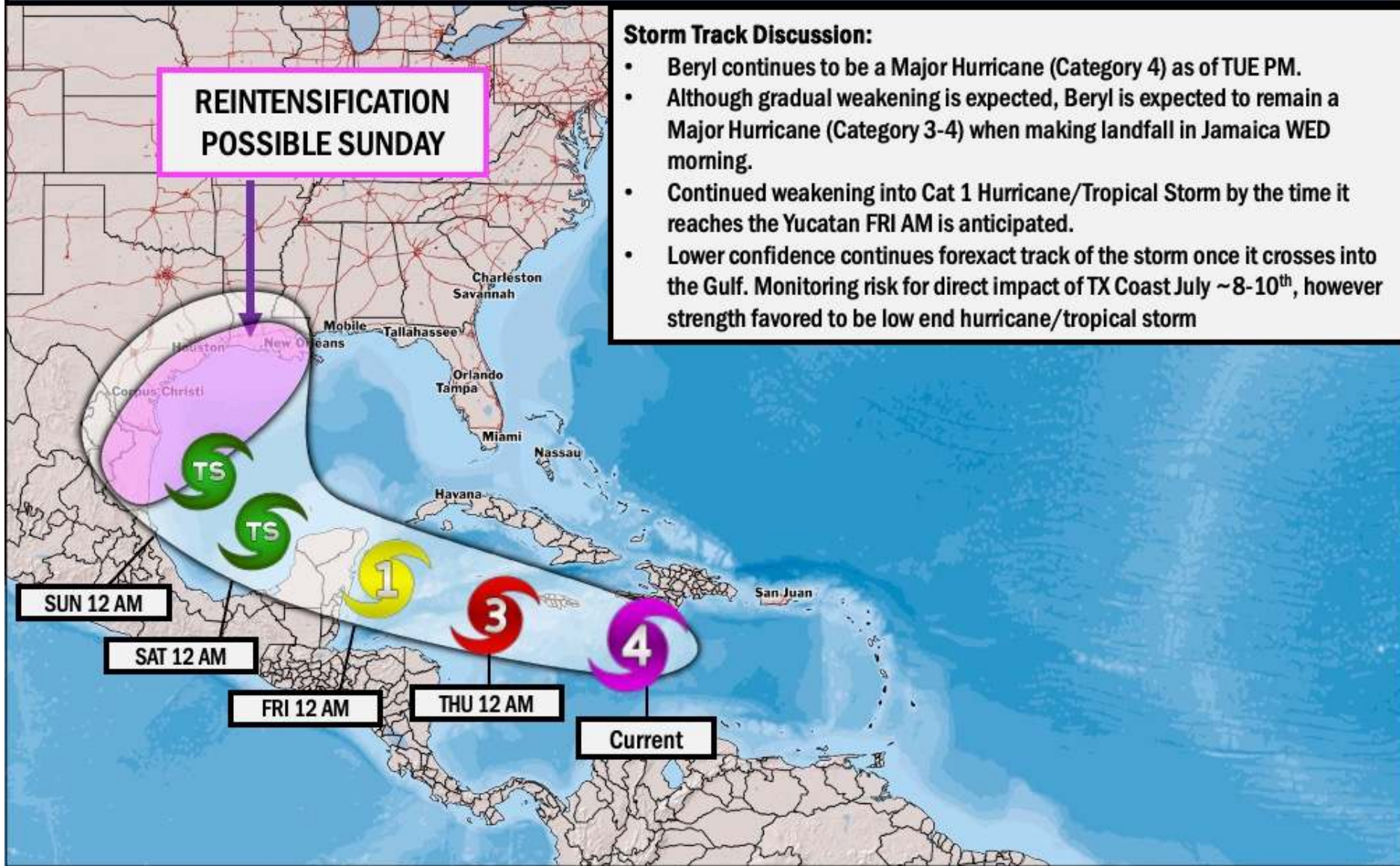
UPDATED: 7/2/24 11:00 PM ET



**REINTENSIFICATION  
POSSIBLE SUNDAY**

## Storm Track Discussion:

- Beryl continues to be a Major Hurricane (Category 4) as of TUE PM.
- Although gradual weakening is expected, Beryl is expected to remain a Major Hurricane (Category 3-4) when making landfall in Jamaica WED morning.
- Continued weakening into Cat 1 Hurricane/Tropical Storm by the time it reaches the Yucatan FRI AM is anticipated.
- Lower confidence continues for exact track of the storm once it crosses into the Gulf. Monitoring risk for direct impact of TX Coast July ~8-10<sup>th</sup>, however strength favored to be low end hurricane/tropical storm



# Houston Pilots Visibility Chart (miles)



**Forecast Confidence**

Above Normal

}

Below Normal

Time	Tue 11pm	Wed 12am	Wed 1am	Wed 2am	Wed 3am	Wed 4am	Wed 5am	Wed 6am	Wed 7am	Wed 8am	Wed 9am	Wed 10am	Wed 11am	Wed 12pm	Wed 1pm	Wed 2pm	Wed 3pm	Wed 4pm	Wed 5pm	Wed 6pm	Wed 7pm	Wed 8pm	Wed 9pm	Wed 10pm	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
1 & 2 Bravo	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	9	10	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



## Forecast Confidence



Sustained wind 13 Knots  
Gusts 18 Knots  
Wind from the N

## Example

WS: 13  
G:18  
N

Time Knots	Tue 11pm	Wed 12am	Wed 1am	Wed 2am	Wed 3am	Wed 4am	Wed 5am	Wed 6am	Wed 7am	Wed 8am	Wed 9am	Wed 10am	Wed 11am	Wed 12pm	Wed 1pm	Wed 2pm	Wed 3pm	Wed 4pm	Wed 5pm	Wed 6pm	Wed 7pm	Wed 8pm	Wed 9pm	Wed 10pm
610 Bridge	5	4	4	3	3	3	2	2	2	2	2	3	3	4	5	6	7	8	8	8	8	7	7	6
Kinder 1	5	4	3	3	3	3	2	2	1	2	2	3	3	4	5	6	7	8	8	8	8	7	7	6
Greens Bayou	4	3	3	3	3	3	2	1	1	1	2	3	3	5	5	6	7	7	8	8	7	7	7	6
Shell Crude	4	3	3	3	3	3	2	1	1	1	2	3	3	5	5	6	7	8	8	8	7	7	7	6
Lynchburg Ferries	4	3	3	3	2	2	1	1	1	1	2	2	3	5	5	6	7	8	8	8	7	7	6	5
Exxon 3	7	7	6	5	5	5	4	3	3	3	3	4	5	6	7	8	9	10	11	11	11	11	10	10
Morgans Point	7	6	6	5	5	5	4	3	3	3	3	4	5	6	7	8	9	10	11	11	11	11	10	9
75/76	11	10	9	8	8	8	8	7	7	6	7	8	8	11	12	14	15	17	17	17	16	15	15	15
63/64	7	7	7	6	6	6	5	5	5	4	4	4	5	6	7	8	9	10	10	11	11	11	11	10
51/52	7	7	7	6	6	6	5	5	5	5	5	5	5	6	7	7	9	9	10	10	11	11	11	10
37/38	7	7	7	6	6	6	5	5	5	5	5	5	5	6	7	7	8	9	10	10	11	10	10	10
25/26	10	9	9	9	9	9	8	8	8	8	7	8	8	10	11	12	13	14	15	15	15	15	15	15
11/12	6	6	5	5	5	5	5	5	5	5	5	5	5	6	7	7	8	9	9	9	9	9	9	9
1 & 2 Bravo	7	7	7	7	7	7	7	6	6	5	5	5	5	5	6	7	7	9	9	9	10	10	10	10

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# Houston Pilots: Wed. 7/3/2024



## Forecast Discussion

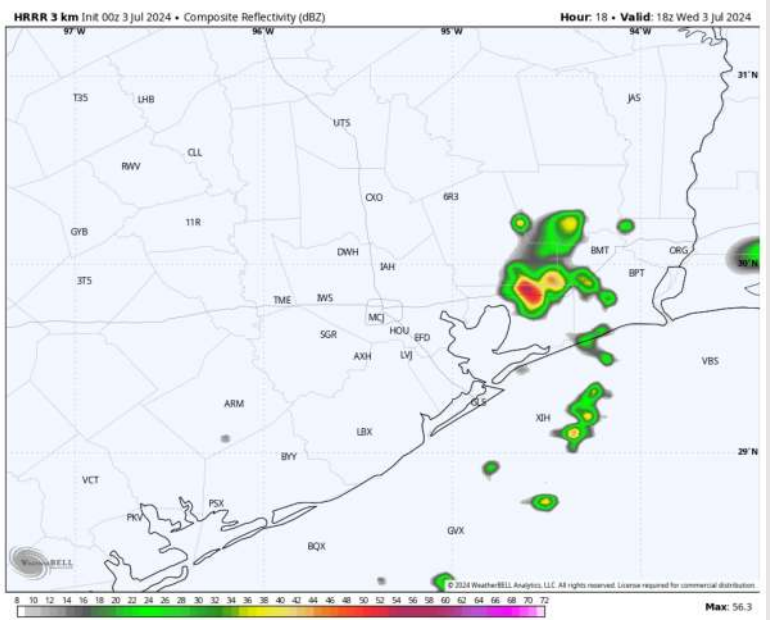
**Precip:** Scattered showers/thunderstorms (30%) will be possible from 10 AM through 6 PM CT. Coverage will gradually push N throughout the day, with dry conditions favored after 6 PM.

**Wind:** Winds out of the S/SW throughout the day. **N of Morgan's Point:** Winds at 2-7 kts through 2 PM before increasing to 6-11 kts. **S of Morgan's Point:** Winds at 6-11 kts through 2 PM before increasing slightly to 8-13 kts the rest of the day.

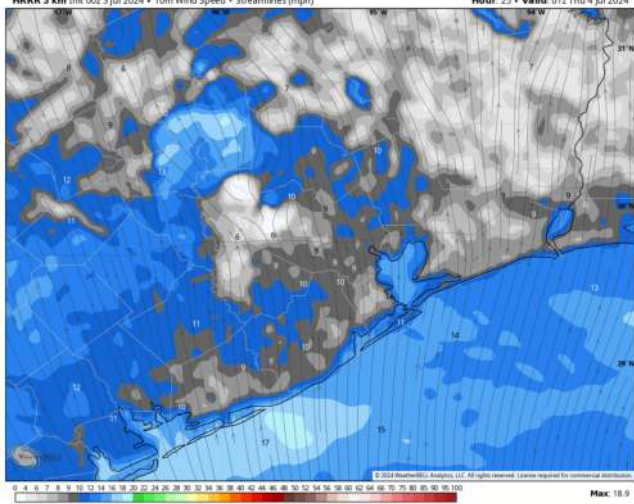
**High Temps:** **N of Morgan's Point:** Mid 90s F. **S of Morgan's Point:** Near 90 F.

**Visibility:** Not anticipating any fog concerns for today.

## Precip Image: 1 PM CT

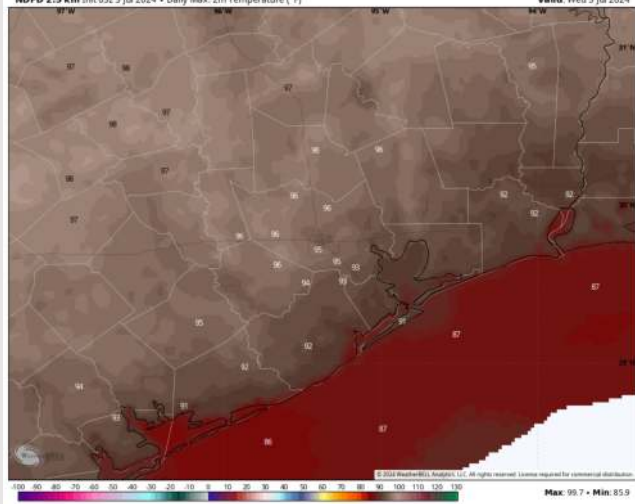


HRRR 3 km Init: 00z 3 Jul 2024 • 10m Wind Speed • Streamlines (mph) Hour: 25 • Valid: 01z Thu 4 Jul 2024



Wind Speed:  
8 PM CT

NDFD 2.5 km Init: 03z 3 Jul 2024 • Daily Max: 2m Temperature (°F) Valid: Wed 3 Jul 2024



High Temps  
Today

# Houston Pilots: Thu. 7/4/2024



## Forecast Discussion

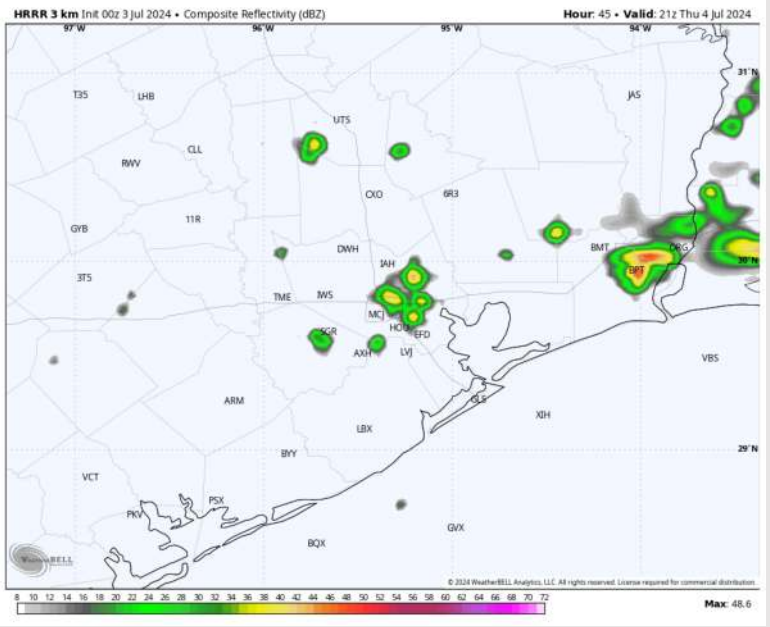
**Precip:** Isolated showers (10%) will be possible as early as 5 AM CT on THU and continue into the early afternoon. After ~3 PM, locations N of Morgan's Point will be prone to scattered (20%) showers/storms through 7 PM. Dry conditions favored after 7 PM and through the remainder of the night.

**Wind:** Winds will be out of the S/SW throughout THU. **N of Morgan's Point:** Winds at 3-8 kts through 4 PM before slightly increasing to 6-11 kts the rest of the day. **S of Morgan's Point:** Favoring winds at 9-14 kts throughout THU.

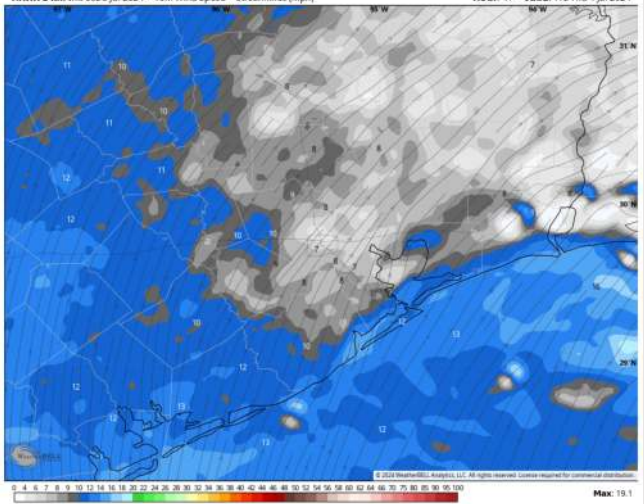
**High Temps:** **N of Morgan's Point:** Mid 90s. **S of Morgan's Point:** Lower 90s F.

**Visibility:** Not favoring any fog concerns for Thursday.

## Precip Image: 4 PM CT

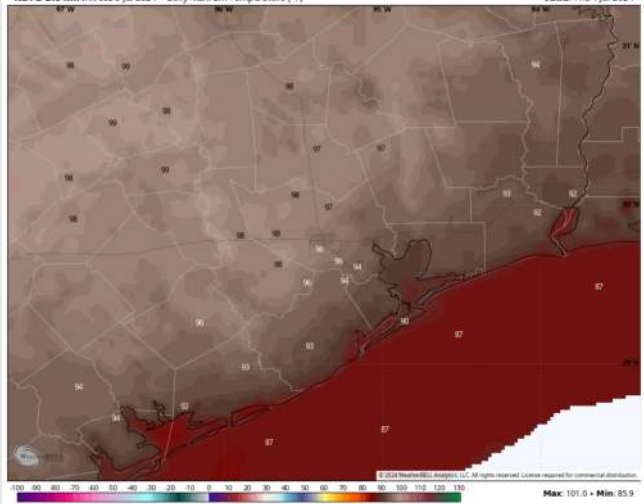


HRRR 3 km Init 00z 3 Jul 2024 • 10m Wind Speed • Streamlines (mph) Hour: 41 • Valid: 17z Thu 4 Jul 2024



Wind Speed  
12 PM CT

NDFD 2.5 km Init 03z 3 Jul 2024 • Daily Max. 2m Temperature (°F) Valid Thu 4 Jul 2024



High Temps  
Thursday

# Houston Pilots: Fri. 7/5/2024



## Forecast Discussion

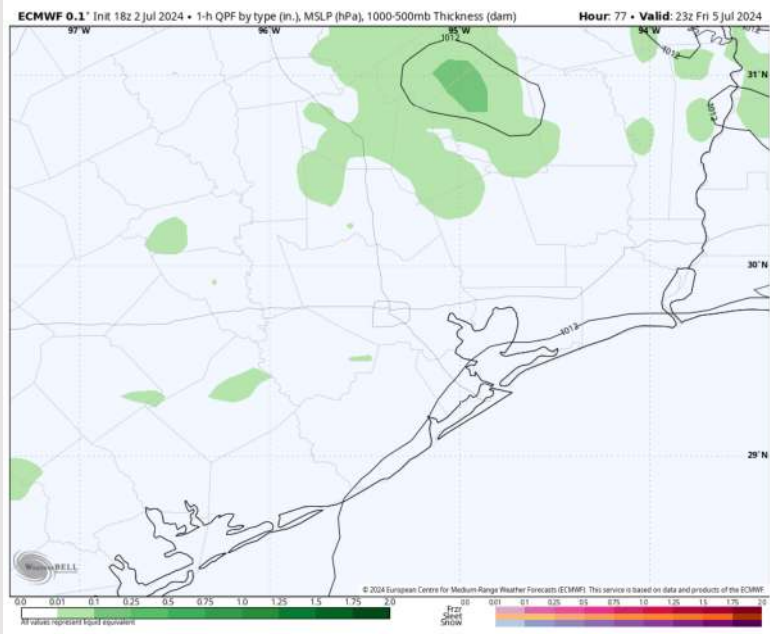
**Precip:** Isolated showers/thunderstorms (10%) will be possible from 2 to 7 PM, however, majority of showers/storms look to remain north of stations. Dry conditions favored outside of this window.

**Wind:** Winds will be out of the S/SW for FRI. **N of Morgan's Point:** Winds will be at 4-9 kts throughout the entire day. **S of Morgan's Point:** Winds at 9-14 kts outside of a brief calming to 4-9 kts from 10 AM to 2 PM.

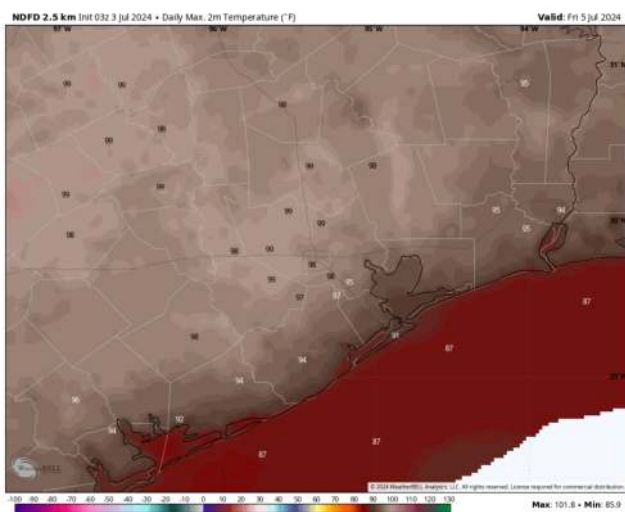
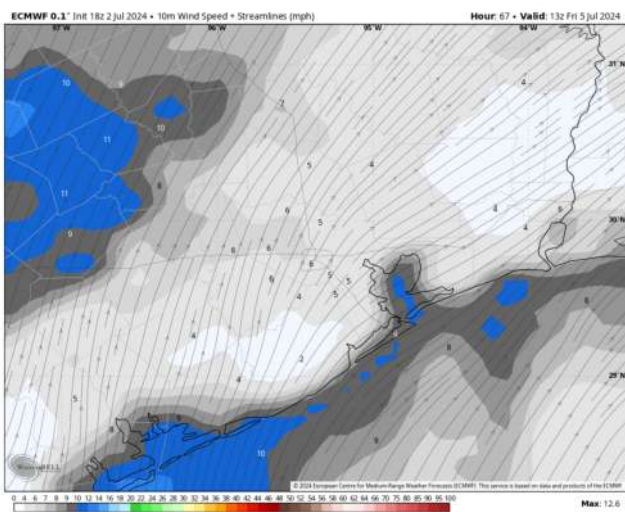
**High Temps:** **N of Morgan's Point:** Upper 90s F. **S of Morgan's Point:** Lower 90s F.

**Visibility:** Not anticipating any fog concerns for Friday.

## Precip Image: 6 PM CT



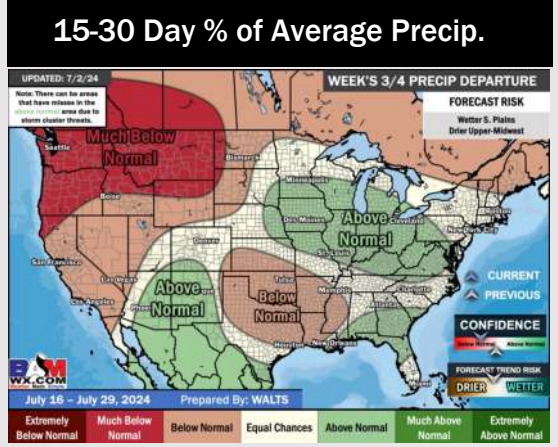
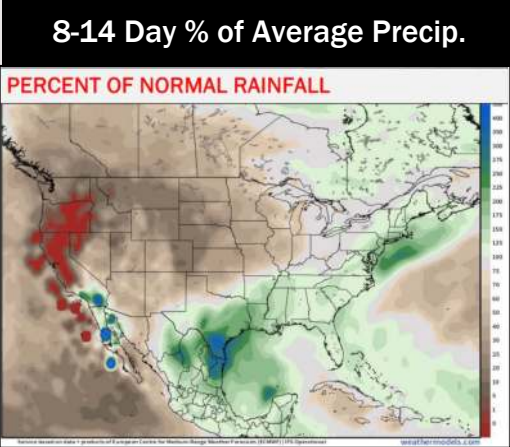
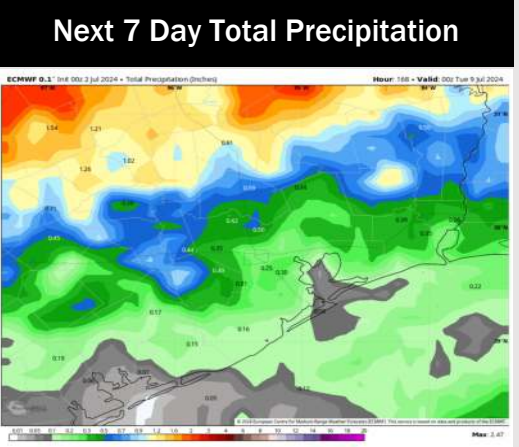
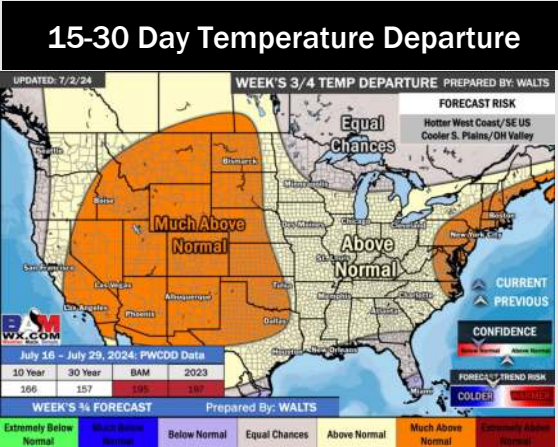
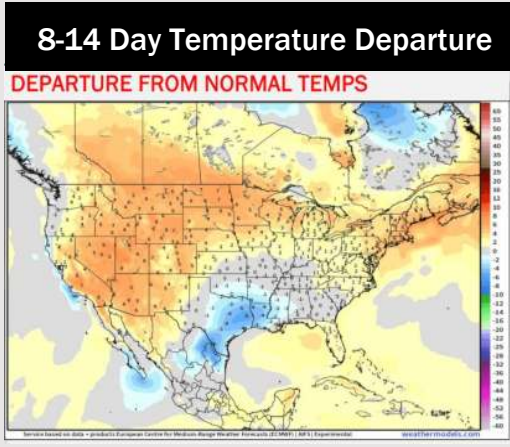
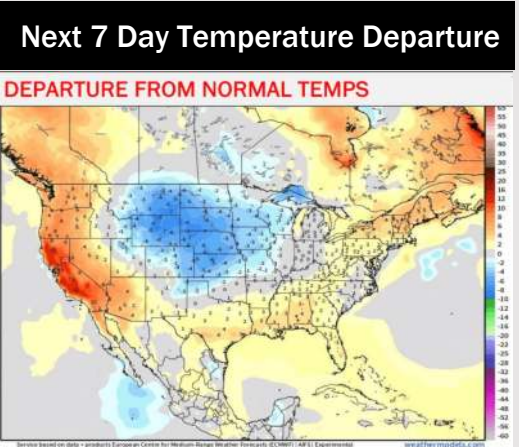
Wind Speed:  
8 AM CT



High Temps  
Friday



# Houston Pilots: 7/2/24



- Temps are expected to be above normal for the week 1 timeframe. Only scattered shower/storm risks are favored throughout the Week 1 period before remnants of Hurricane Beryl are able to work into the area late Week 1/early Week 2.
- Models are favoring well above normal precipitation for the week 2 timeframe. Below normal temperatures are favored for week 2.
- Below normal chances for precipitation and near normal temperatures are favored in the weeks 3/4 timeframe.