

# Houston Pilots Forecast Package



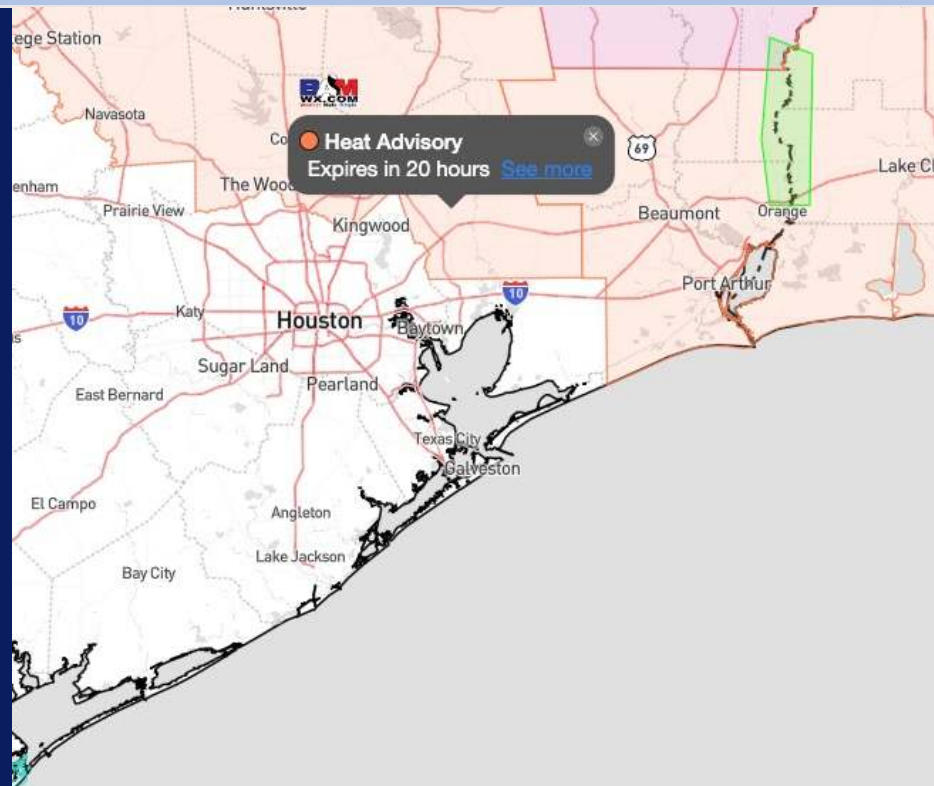
Updated: 11:15 PM CT

Monday, July 1, 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 now a CAT 5 storm. See graphics below for latest thinking!**



Current Radar: 11:00 PM CT



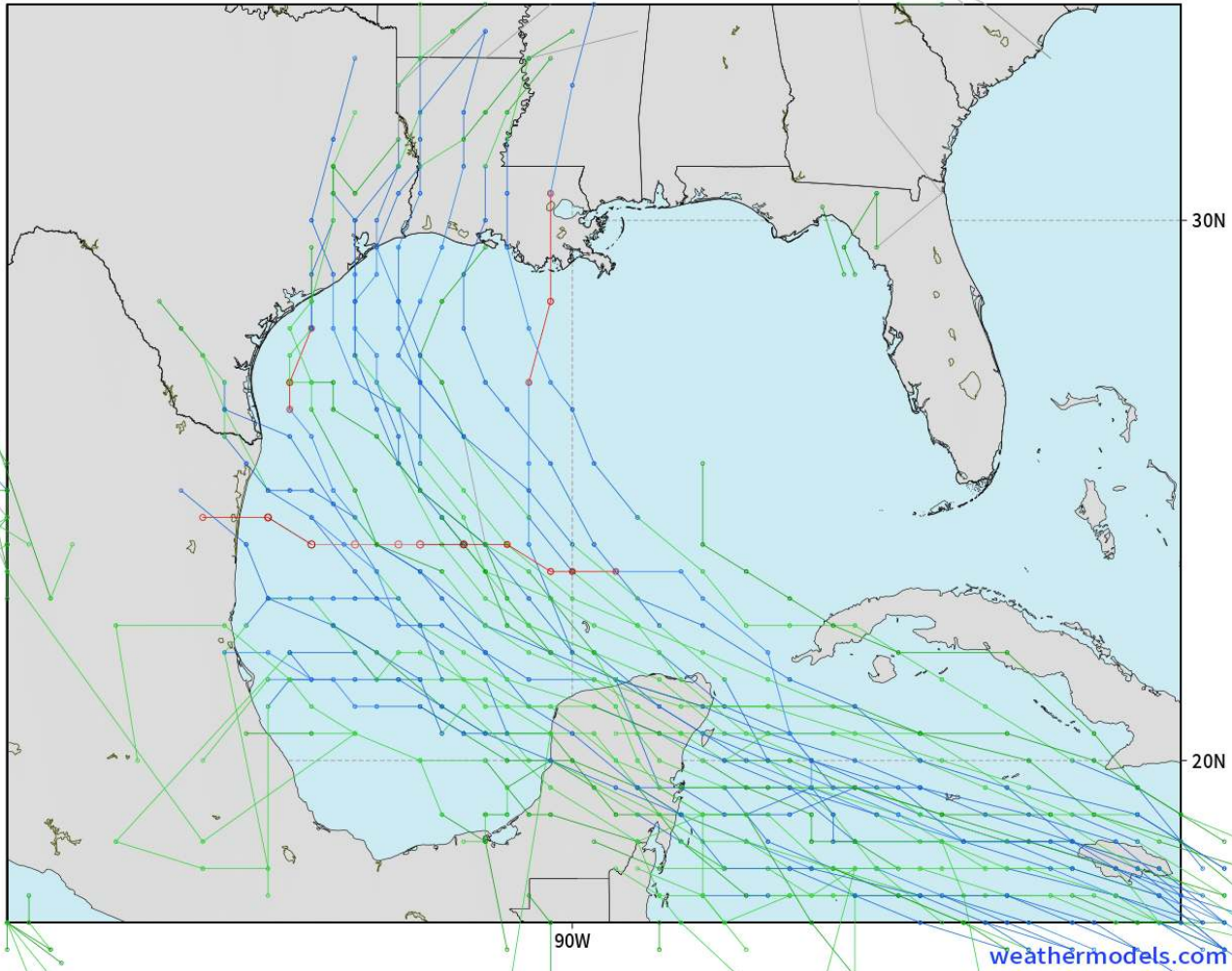
As always, please do not hesitate to reach out to us with any forecast questions via the chat option on Clarity or our on-call number, **(317)-560-8122** press **1** for forecast questions.

# Houston Pilots Tropical Update

## American Model Next 10 Days - Tropical Tracks

NOAA GFSv12 | All Ensemble Cyclones +240 Hours  
INIT: 18Z01JUL2024 --> UNTIL 18Z11JUL2024

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).

Currently Noting N/E trends in latest data, putting HOU in at a risk for impact of weakening Beryl (low end hurricane/tropical storm).

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

# Hurricane Beryl Outlook

MON July 1st- SAT July 6th, 2024

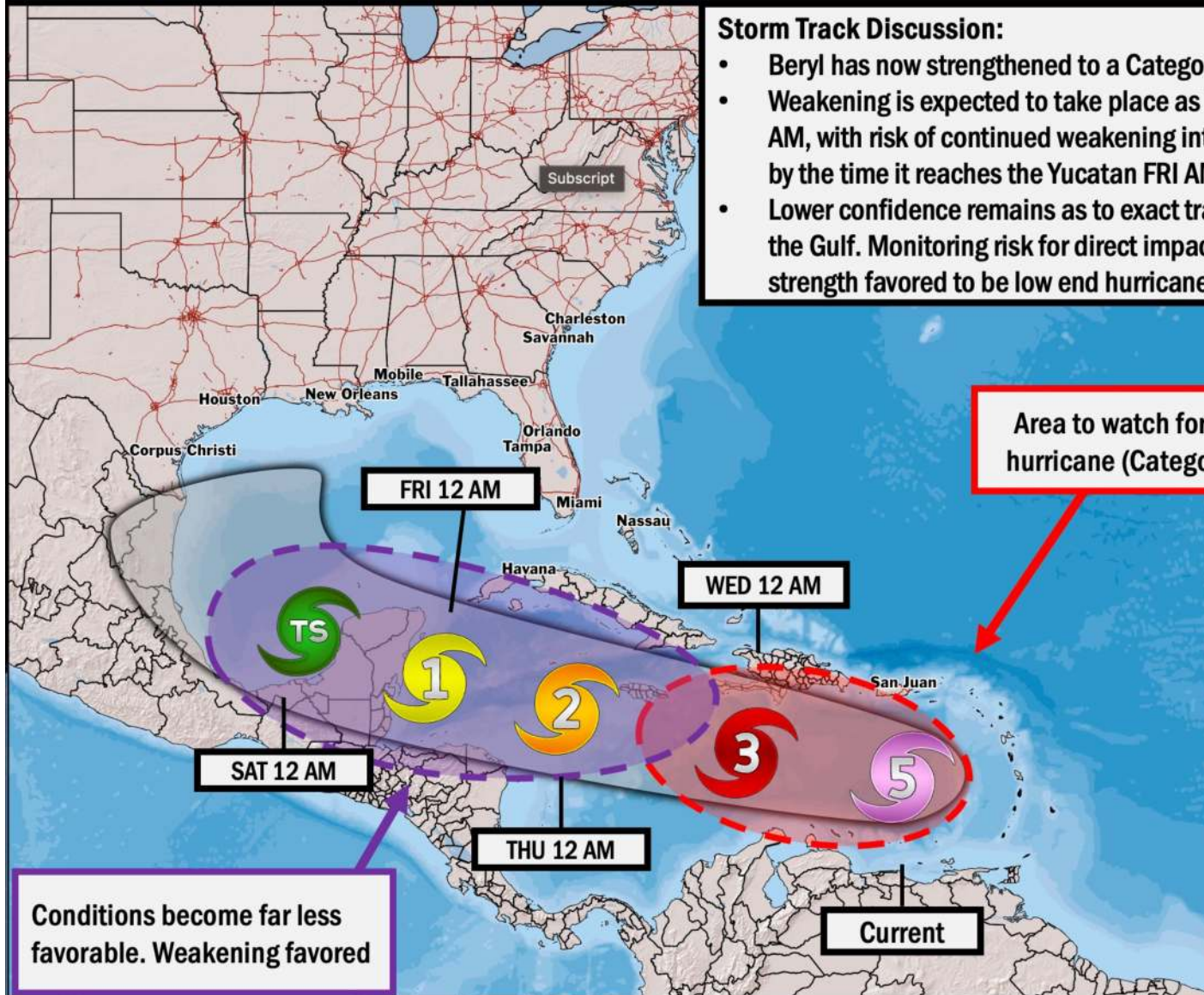
FORECASTER: Kipper

UPDATED: 7/1/24 10:45 PM ET



## Storm Track Discussion:

- Beryl has now strengthened to a Category 5 strength late MON PM.
- Weakening is expected to take place as Beryl approaches Jamaica WED AM, with risk of continued weakening into Cat 1 Hurricane/Tropical Storm by the time it reaches the Yucatan FRI AM.
- Lower confidence remains as to 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



Area to watch for major hurricane (Category 3-5)

Conditions become far less favorable. Weakening favored

Current

# Houston Pilots Visibility Chart (miles)



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

**NOTE: This is automated data that may/may not agree with the official BAM thinking that's found on the daily slides. This data should be used as a guide only.**

# Houston Pilots: Tue. 7/2/2024



## Forecast Discussion

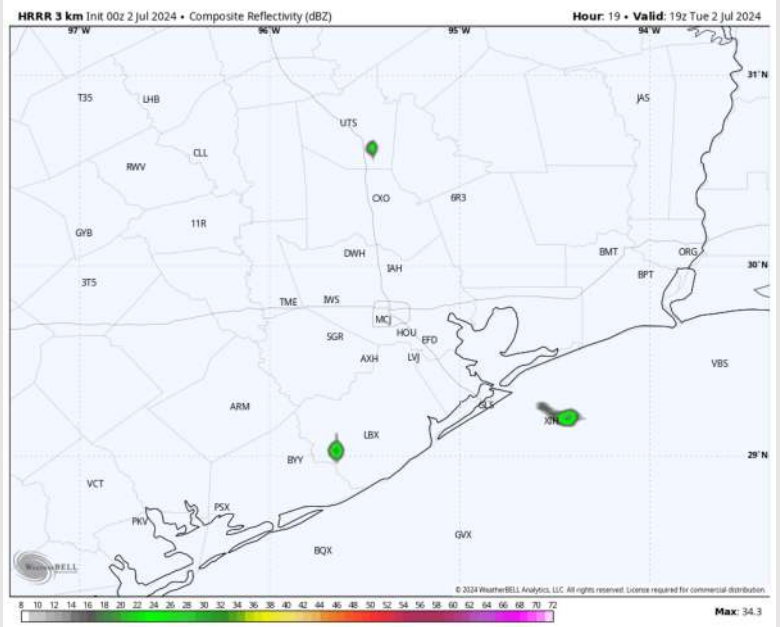
**Precip:** Dry conditions are likely throughout a majority of the day. Isolated showers/thunderstorms (10%) will be possible from 1-4 PM, although majority of coverage will remain north of stations. Dry conditions favored after 4 PM.

**Wind:** Winds will be out of the S/SW throughout the AM hours, will become variable between 12 PM – 2 PM, before settling out of the due South the remainder of the day. **N of Morgan's Point:** Winds will be at 2-7 kts through 4 PM before slightly increasing to 5-10 kts. **S of Morgan's Point:** Winds at 3-8 kts through 4 PM before slightly increasing to 9-14 kts the rest of the day.

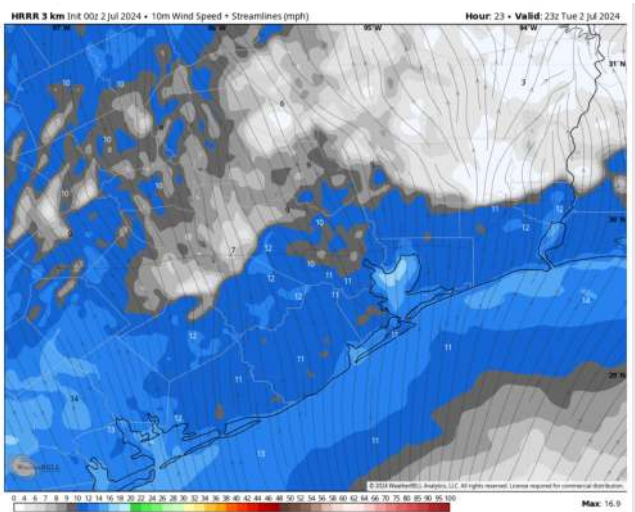
**High Temps:** **N of Morgan's Point:** Upper 90s F. **S of Morgan's Point:** Low 90s F

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

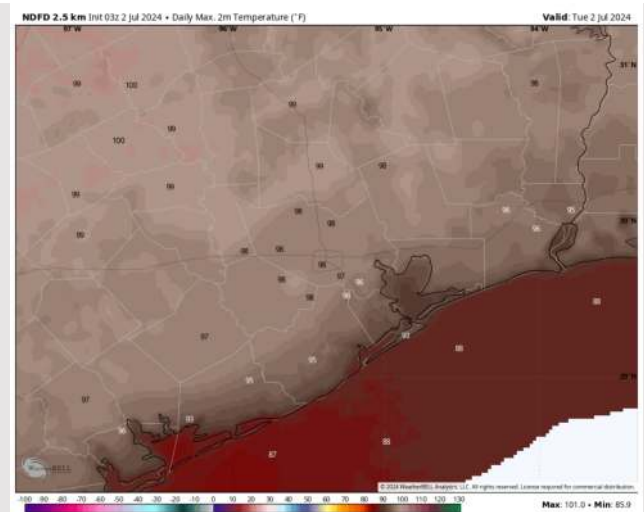
## Precip Image: 2 PM CT



Wind Speed:  
6 PM CT



High Temps  
Today



# Houston Pilots: Wed. 7/3/2024



## Forecast Discussion

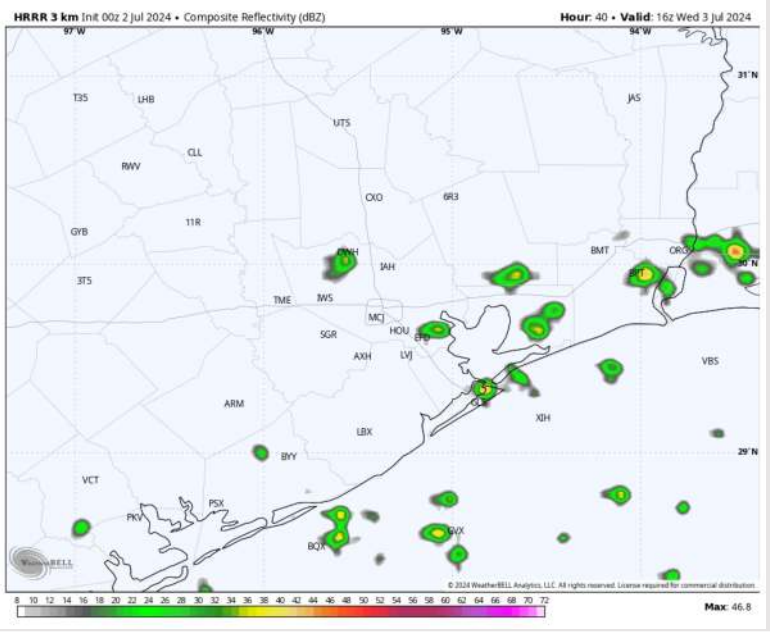
**Precip:** Scattered showers (30%) will be possible from 8 AM through 5 PM CT on WED. Coverage will gradually push N throughout the day, with dry conditions favored after 5 PM.

**Wind:** Winds out of the S/SW throughout the day WED. **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 3 PM before increasing slightly to 8-13 kts the rest of the day.

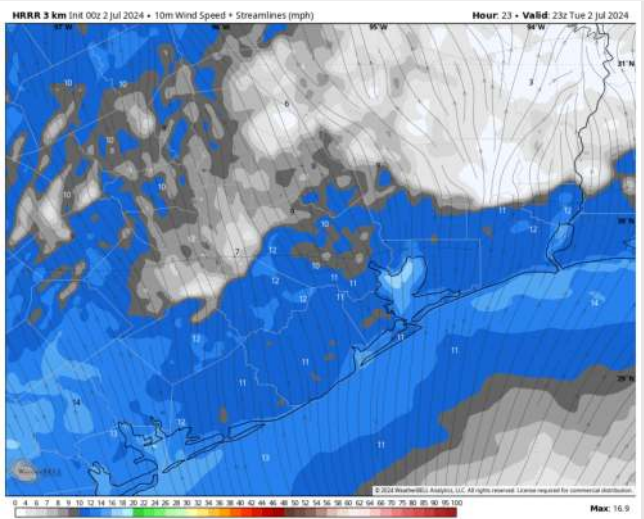
**High Temps:** **N of Morgan's Point:** Mid 90s F. **S of Morgan's Point:** Near 90 F.

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

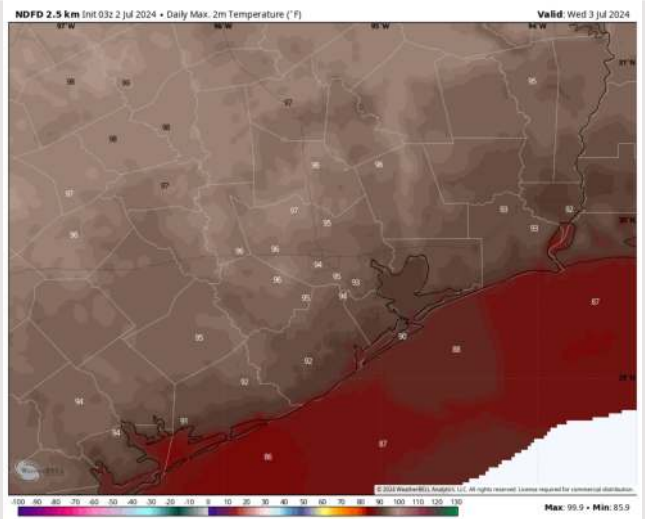
## Precip Image: 11 AM CT



## Wind Speed: 7 PM CT



Wind Speed:  
7 PM CT



High Temps  
Wednesday

# Houston Pilots: Thu. 7/4/2024



## Forecast Discussion

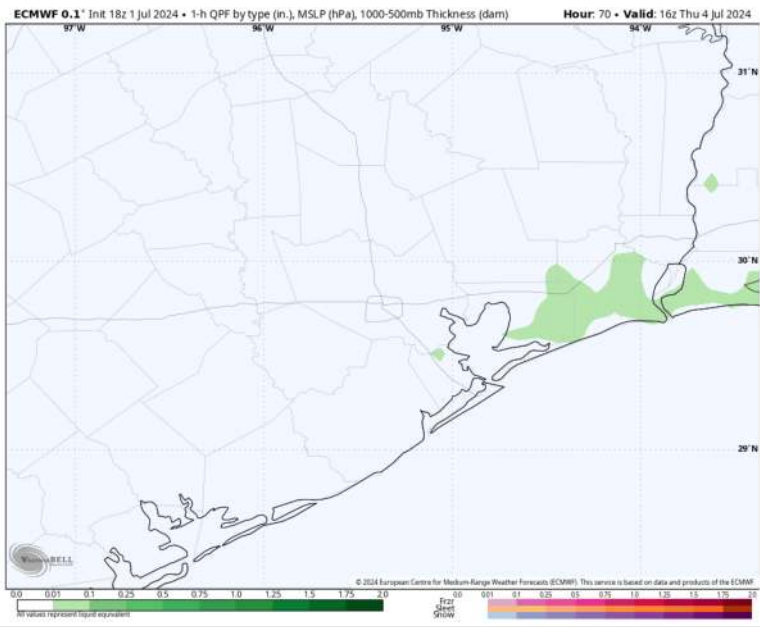
**Precip:** Isolated showers (10%) will be possible from 10 AM through 3 PM on THU, gradually working northward. Dry conditions favored after 3 PM.

**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.

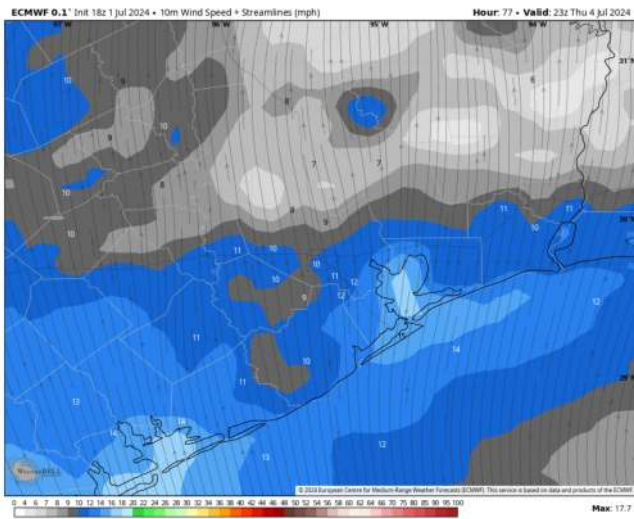
**High Temps:** **N of Morgan's Point:** Mid 90s. **S of Morgan's Point:** Upper 80s F.

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

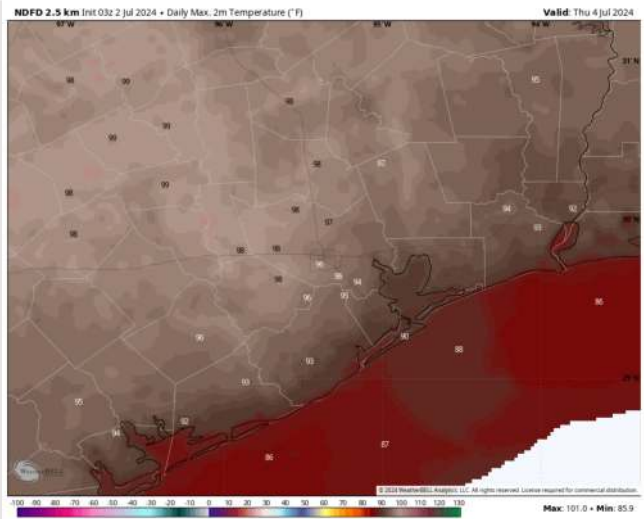
## Precip Image: 11 AM CT



Wind Speed  
6 PM CT

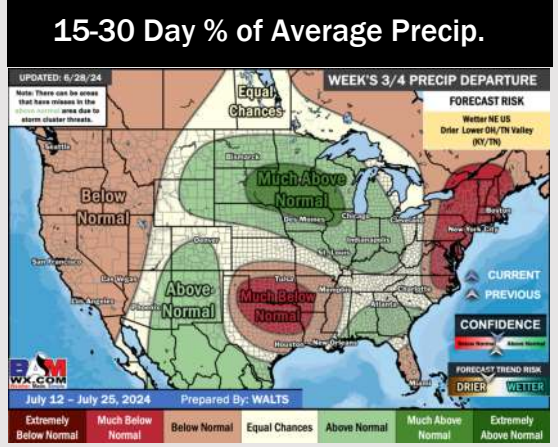
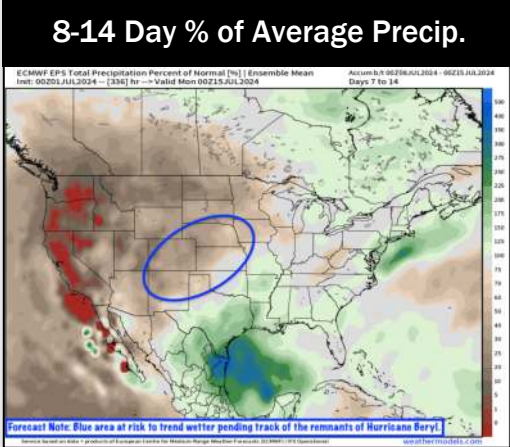
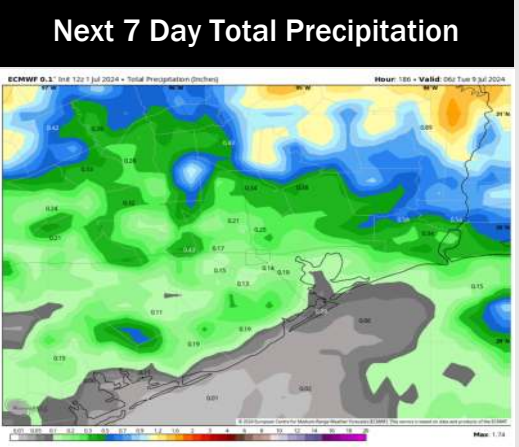
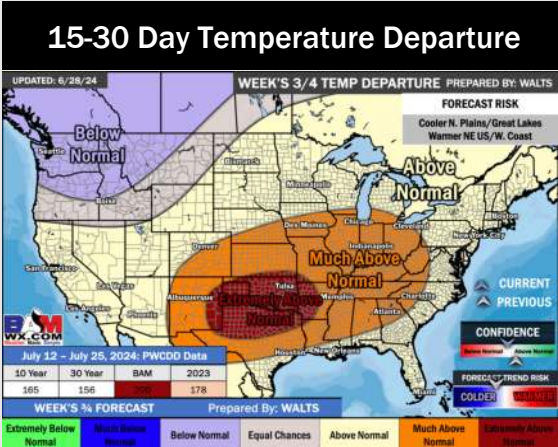
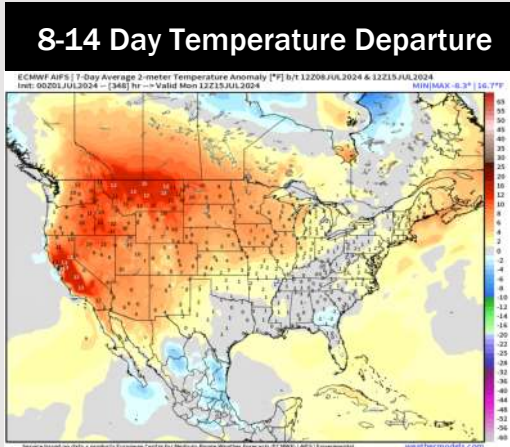
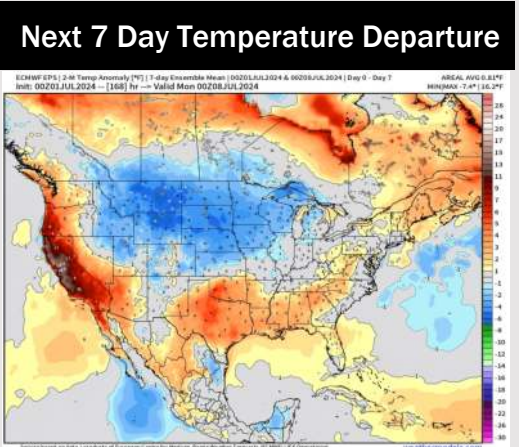


High Temps  
Thursday





# Houston Pilots: 7/1/24



- Temps are expected to be above normal for the week 1 timeframe. Only scattered shower/storm risks are favored throughout the Week 1 period.
- Models are favoring above normal precipitation for the week 2 timeframe, favoring the remnants of Hurricane Beryl. Near normal temperatures are favored for week 2.
- Below normal chances for precipitation and above normal temperatures are favored in the weeks 3/4 timeframe.