

# Houston Pilots Forecast Package

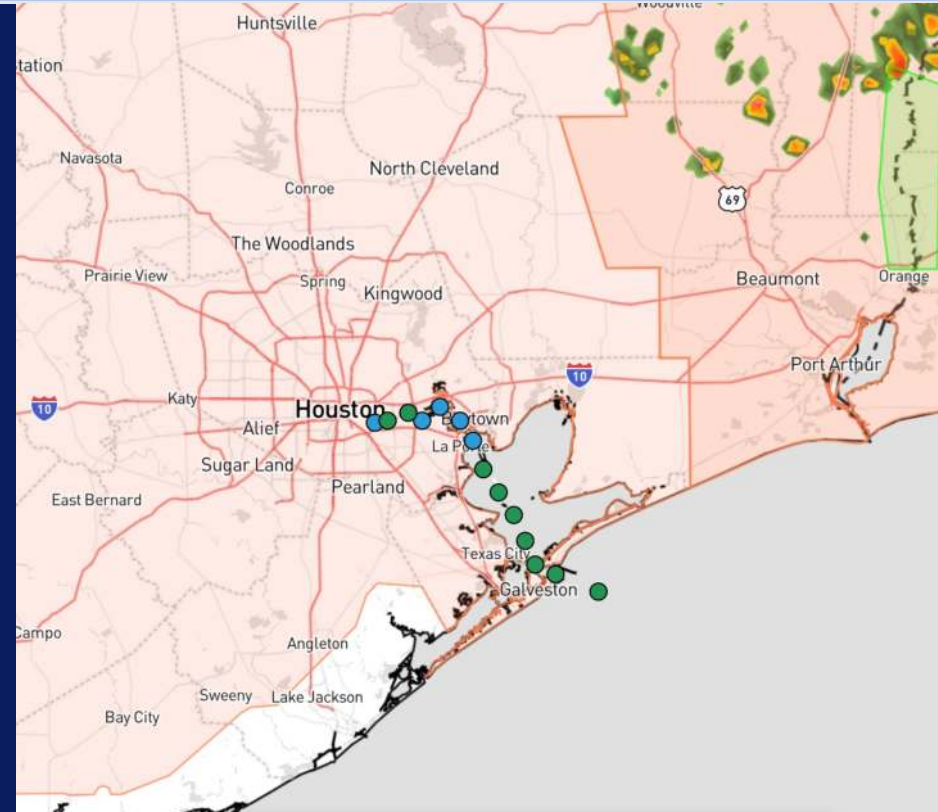


Updated: 12:45 PM CT  
Monday, July 1, 2024

Forecaster: Hope Kleitsch

## Weather Headlines

- Scattered rainfall chances will continue throughout the early parts of the week. Favoring more dry time than not!
- Winds are expected to be relatively calm through the beginning of the week, not expected to exceed 16 kts.
- **Monitoring Major Hurricane Beryl developing E of Lesser Antilles. See graphics below for latest thinking!**



Current Radar: 12:45 PM CT



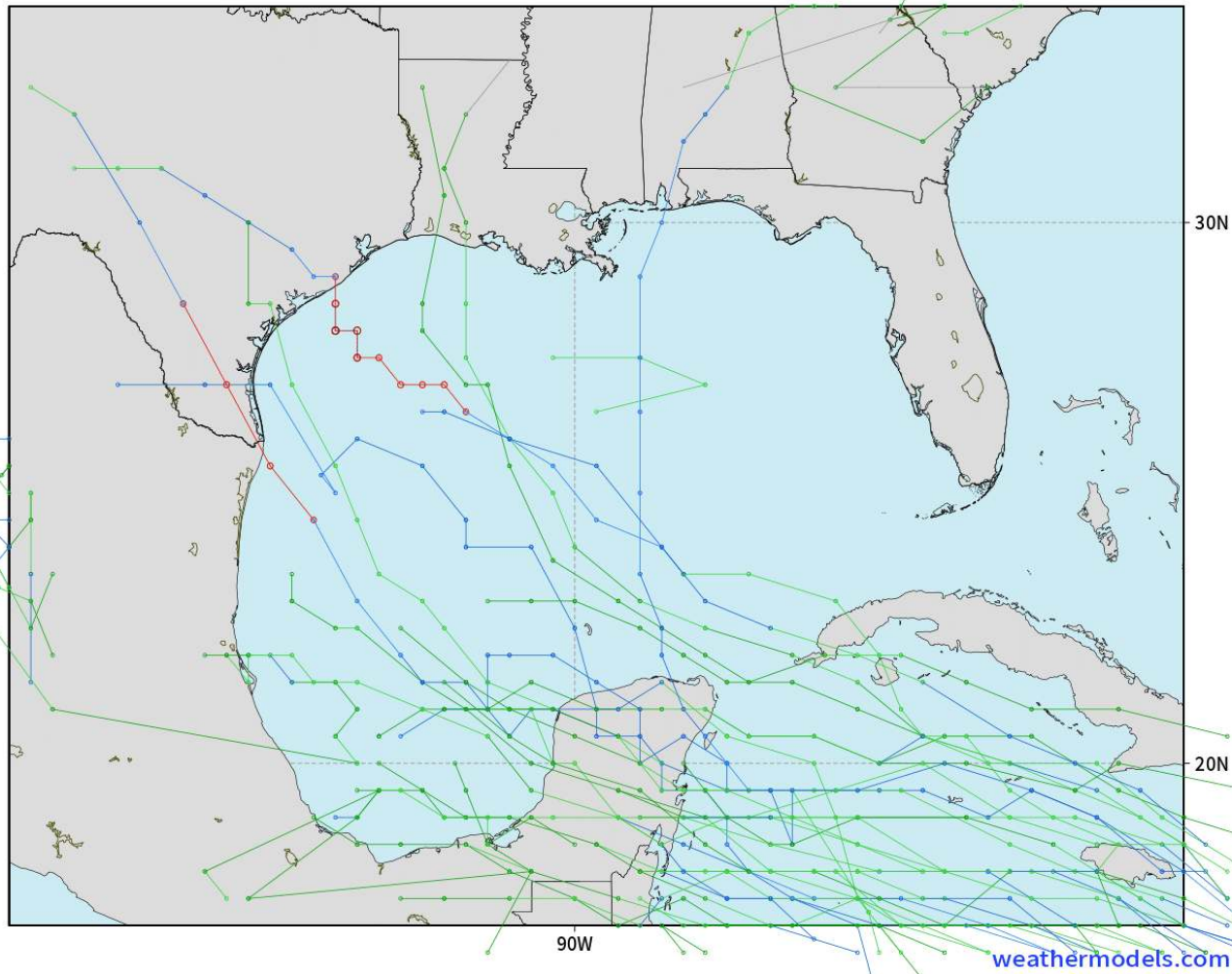
As always, please do not hesitate to reach out to us with any forecast questions via the chat option on Clarity or our on-call number, **(317)-560-8122** press **1** for forecast questions.

# Houston Pilots Tropical Update

## American Model Next 10 Days - Tropical Tracks

NOAA GFSv12 | All Ensemble Cyclones +240 Hours  
INIT: 06Z01JUL2024 --> UNTIL 06Z11JUL2024

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 has developed E of the Lesser Antilles. (See Next Slide for More Info). Timing for Gulf of Mexico impacts will be July 7 – 9 **IF** Beryl can push into the area.

Tropical Storm Chris will continue to work West into Mexico. **NO IMPACTS** are favored for Houston.



# Hurricane Beryl Outlook

MON July 1st, 2024 – FRI July 5th

FORECASTER: Kleitsch

UPDATED: 7/1/24 2:00 PM ET



Conditions become far less favorable. Weakening favored

## Intensification Discussion:

- Beryl continues as major hurricane as of MON PM, maintaining Category 4 strength.
- Beryl is expected to maintain its category 4 intensity through TUE AM.
- Weakening is expected to take place as Beryl approaches Jamaica WED AM, with risk of continuing to weaken into a Tropical Storm by the time it reaches the Yucatan FRI.

Area to watch for major hurricane (Category 3-4)

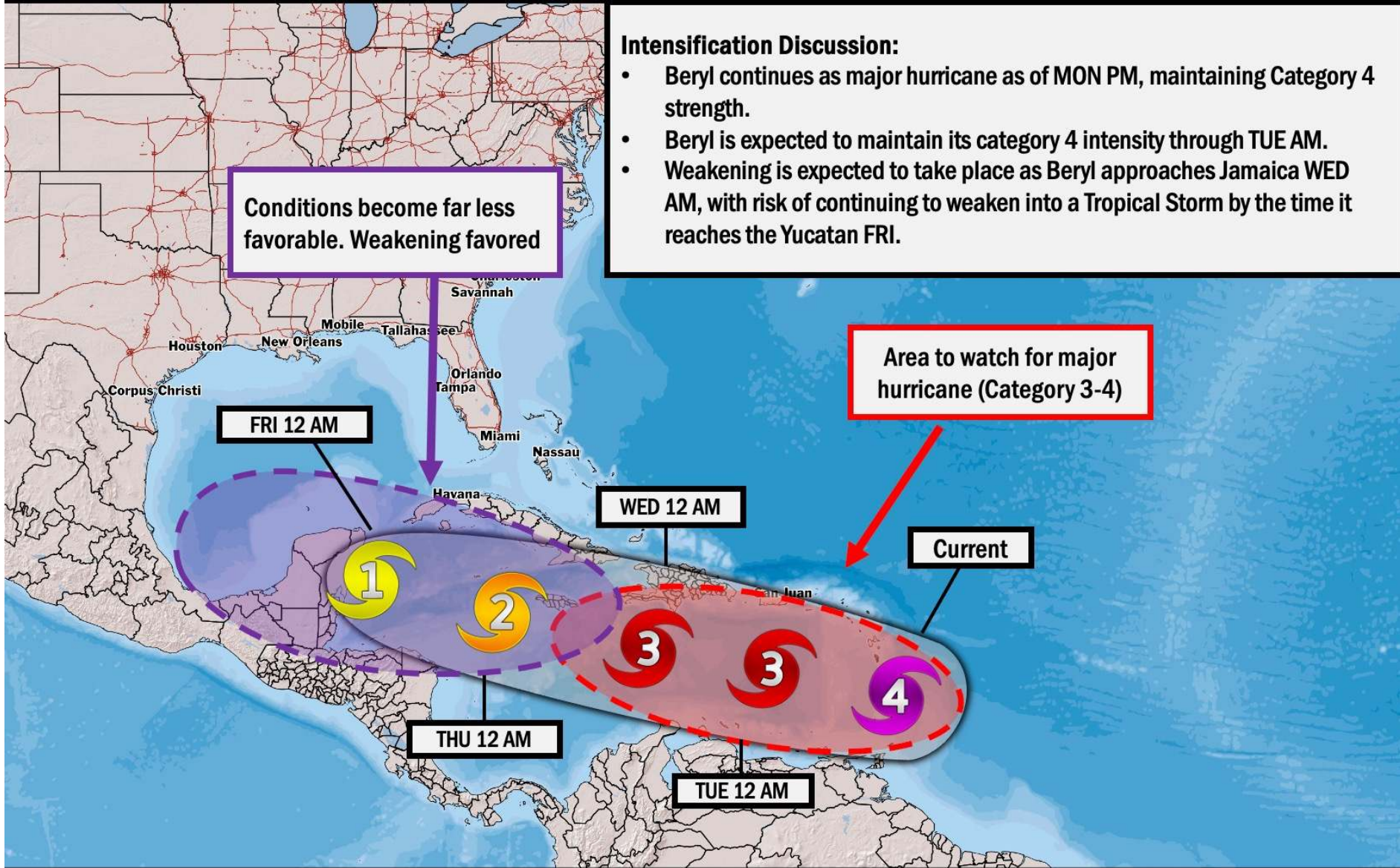
FRI 12 AM

WED 12 AM

Current

THU 12 AM

TUE 12 AM



# Houston Pilots Visibility Chart (miles)



## Forecast Confidence



Time	Mon 1pm	Mon 2pm	Mon 3pm	Mon 4pm	Mon 5pm	Mon 6pm	Mon 7pm	Mon 8pm	Mon 9pm	Mon 10pm	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
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	9	10	10	10	10	10	10	10	10	10
Shell Crude	10	10	10	10	10	10	10	10	10	10	10	10	10	9	9	10	10	10	10	10	10	10	10	10
Lynchburg Ferries	10	10	10	10	10	10	10	10	10	10	10	10	10	7	9	10	10	10	10	10	10	10	10	10
Exxon 3	10	10	10	10	10	10	10	10	10	10	10	10	10	7	9	10	10	10	10	10	10	10	10	10
Morgans Point	10	10	10	10	10	10	10	10	10	10	10	10	10	7	7	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	9	7	6	10	10	9	10	10	9	7	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 1pm	Mon 2pm	Mon 3pm	Mon 4pm	Mon 5pm	Mon 6pm	Mon 7pm	Mon 8pm	Mon 9pm	Mon 10pm	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
610 Bridge	1	2	3	3	4	4	5	4	4	4	3	3	3	3	3	3	3	2	2	2	2	2	3	3
	6	5	6	7	8	8	9	8	8	8	8	7	7	6	6	6	6	5	5	5	5	5	6	6
	NNE	NE	ESE	SE	SSE	S	S	S	S	S	S	SSW	SSW	SW	WSW	WSW	WSW	W	W	W	W	W	W	WSW
Kinder 1	1	2	3	3	4	4	5	4	4	4	3	3	3	3	3	3	3	2	2	2	2	2	3	3
	6	5	6	7	8	8	8	8	8	8	7	6	6	6	6	6	6	5	5	5	5	5	6	6
	NNE	ENE	E	SE	SSE	S	S	S	S	S	S	SSW	SSW	SW	WSW	WSW	WSW	W	W	W	W	W	W	WSW
Greens Bayou	2	2	4	3	4	4	4	4	3	3	3	3	3	3	3	3	2	2	2	2	2	2	3	3
	6	6	6	7	8	8	8	8	7	8	7	7	6	6	6	6	6	5	5	4	5	5	6	6
	NE	ENE	ESE	SE	SE	SSE	S	S	S	S	S	SSW	SW	SW	WSW	WSW	WSW	W	W	W	W	W	W	SSW
Shell Crude	2	2	3	3	4	4	4	4	3	3	3	3	3	3	3	3	2	2	2	2	2	2	3	3
	6	5	6	7	8	8	8	7	8	7	7	6	6	6	6	6	6	5	5	5	5	5	6	6
	NNE	ENE	ESE	SSE	SE	SSE	S	S	S	S	S	SSW	SW	SW	WSW	WSW	WSW	W	W	W	W	W	WSW	S
Lynchburg Ferries	2	2	3	4	4	4	4	3	3	3	3	3	3	2	2	3	2	2	2	1	2	2	2	2
	6	6	6	7	8	8	8	7	7	7	6	6	6	6	6	6	6	5	4	4	5	5	6	6
	N	N	SSE	SSE	SE	SSE	S	S	S	SSE	S	SSW	SSW	SW	WSW	WSW	WSW	W	W	W	W	W	W	S
Exxon 3	3	3	4	5	5	6	6	6	6	6	5	5	5	5	5	5	5	4	4	3	3	3	3	3
	6	7	8	9	10	9	9	9	8	9	8	8	8	7	7	8	7	7	7	6	6	6	7	7
	NNE	ESE	SSE	SSE	SSE	SSE	S	S	S	S	S	SSW	SW	SW	WSW	WSW	W	W	W	W	WNW	WNW	W	S
Morgans Point	3	3	5	5	6	6	6	6	6	6	5	5	5	5	5	5	5	4	4	4	3	3	3	3
	6	7	8	9	10	9	10	9	8	9	8	8	8	8	8	8	7	7	7	6	6	6	7	7
	ESE	SSE	SSE	SSE	SSE	SSE	S	S	S	S	S	SSW	SSW	SW	WSW	WSW	W	W	W	W	W	W	WSW	SSE
75/76	2	3	4	5	5	6	7	7	7	7	6	6	6	6	6	6	5	5	5	5	4	4	3	3
	6	7	8	9	10	9	10	9	10	9	10	9	9	9	9	9	8	8	8	7	7	6	7	7
	SE	SSE	S	S	SSE	S	S	SSW	S	SSW	SSW	SSW	SW	SW	WSW	WSW	WSW	W	W	W	WNW	WNW	SSW	SSE
63/64	2	3	4	5	5	6	7	7	7	7	6	6	6	6	6	6	6	5	5	5	4	4	3	3
	6	6	8	8	9	9	10	10	9	10	9	9	9	9	9	9	8	8	8	7	7	6	7	7
	SE	SSE	S	S	SSE	S	S	SSW	SSW	SSW	SSW	SW	SW	WSW	WSW	WSW	W	W	W	W	WNW	W	WSW	SE
51/52	3	3	4	5	5	6	7	7	7	7	6	6	7	6	6	6	6	5	5	5	5	4	4	3
	6	6	7	8	9	9	10	10	9	10	9	9	9	9	9	9	8	8	8	8	7	7	7	7
	SE	S	S	S	S	S	S	SSW	SSW	SSW	SSW	SW	SW	WSW	WSW	WSW	W	W	W	W	WNW	WNW	NW	ESE
37/38	3	3	4	5	5	6	7	6	7	7	6	6	7	6	6	6	6	5	5	5	5	4	3	3
	6	6	7	8	9	9	10	9	9	10	9	9	9	9	9	9	9	9	8	8	7	7	7	6
	SE	S	S	S	S	S	SSW	SSW	SSW	SSW	SSW	SW	WSW	WSW	WSW	WSW	W	W	W	W	WNW	WNW	NW	ESE
25/26	3	3	4	5	5	6	7	6	6	6	6	6	6	6	6	6	6	5	5	5	5	4	4	4
	6	5	7	8	9	9	10	9	9	10	9	9	9	9	9	9	9	8	8	8	7	7	7	6
	SE	S	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SW	SW	WSW	WSW	W	W	W	W	W	WNW	WNW	NW	ESE
11/12	3	3	4	5	5	6	6	5	5	5	5	5	5	5	5	5	5	5	5	5	5	4	4	4
	6	6	7	8	9	9	10	9	8	9	8	9	9	9	9	9	9	9	9	8	8	7	7	6
	W	SSW	S	S	S	S	SSW	SSW	SSW	SSW	SW	SW	SW	WSW	WSW	W	W	W	W	W	WNW	WNW	WNW	SSW
1 & 2 Bravo	3	3	4	5	5	6	7	6	7	7	7	7	7	7	7	7	7	7	7	6	5	5	4	3
	6	6	7	8	9	9	10	9	9	10	9	9	10	10	10	10	10	10	10	9	9	8	8	6
	WSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SW	SW	SW	WSW	WSW	W	W	W	W	W	WNW	WNW	WNW	SW

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# Houston Pilots: Mon. 7/1/2024



## Forecast Discussion

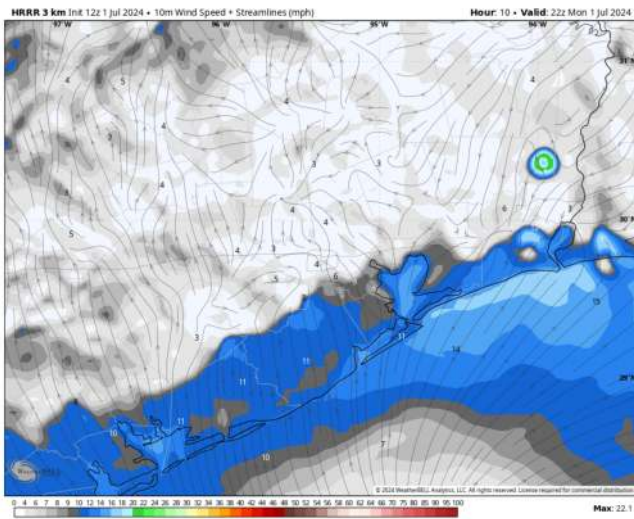
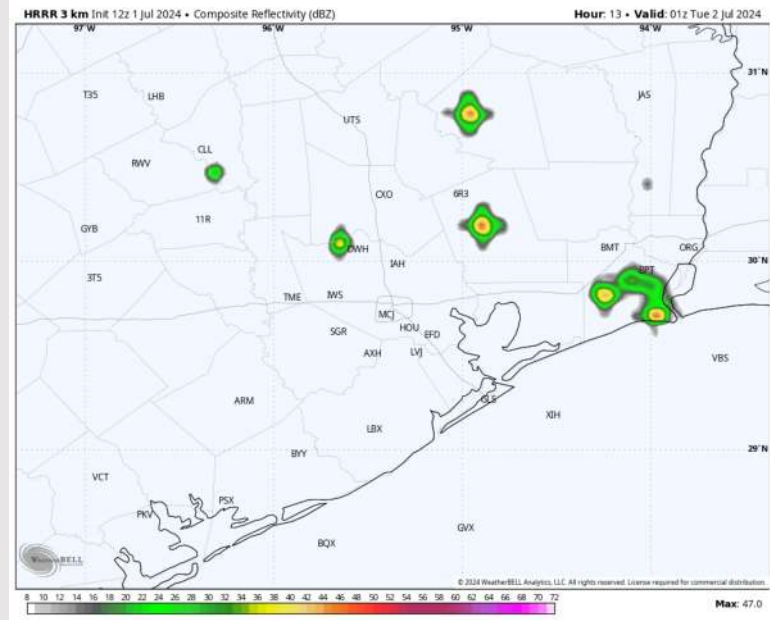
**Precip:** Dry conditions expected through 3 PM. After 3 PM, isolated showers/storms are possible through 9 PM. **A few wind gusts of 20-25 kts will be possible with strongest t-storms.**

**Wind:** Winds will be out of the S/SW through the remainder of the day. **N of Morgan's Point:** Winds at 2-10 kts through the rest of the day. **S of Morgan's Point:** Favoring winds 5-10 kts through 6 PM before slightly increasing to 9-16 kts the rest of the night.

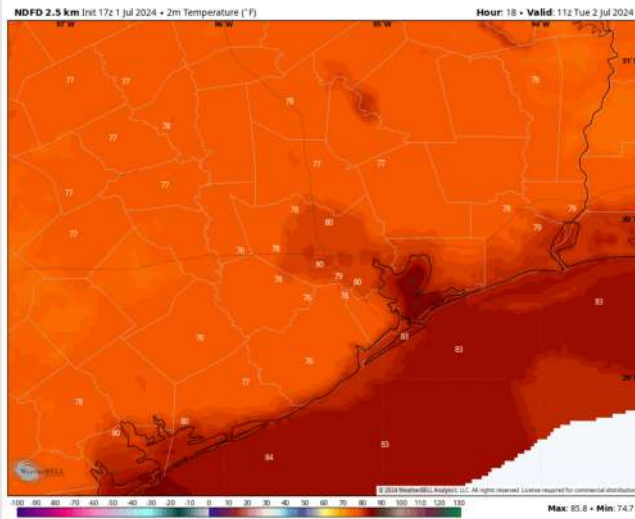
**Low Temps:** **N of Morgan's Point:** Upper 70s to lower 80s. **S of Morgan's Point:** Lower to mid 80s F

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

## Precip Image: 5 PM CT



Wind Speed  
6 PM CT



Low Temps  
TUE AM

# Houston Pilots: Tue. 7/2/2024



## Forecast Discussion

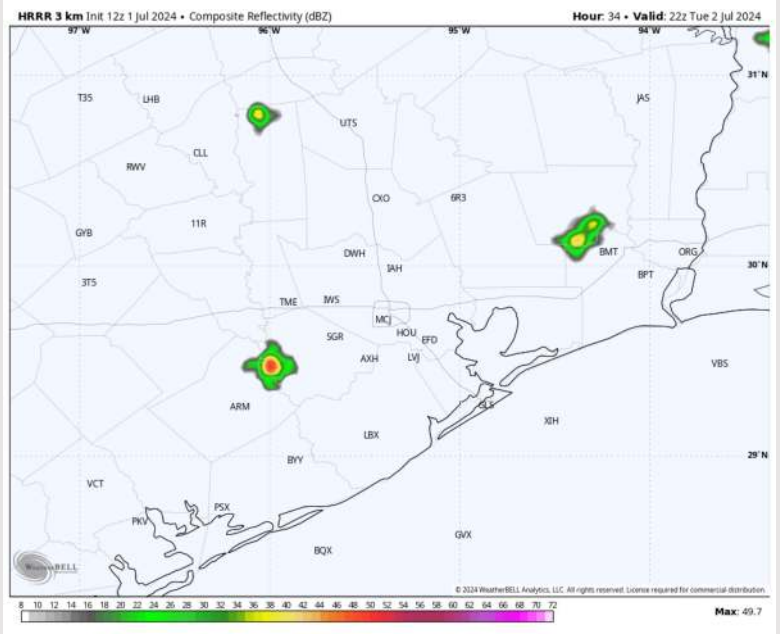
**Precip:** Dry conditions are likely throughout a majority of the day. Isolated showers/thunderstorms (10%) will be possible from 4-7 PM, although majority of coverage will remain north of stations. Dry conditions favored after 7 PM.

**Wind:** Winds will begin TUE out of the W, will become variable between 12 PM – 2 PM, before settling out of the S /SE by 3 PM and through the remainder of TUE. **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 6-11 kts through 4 PM before slightly increasing to 9-14 kts the rest of the day.

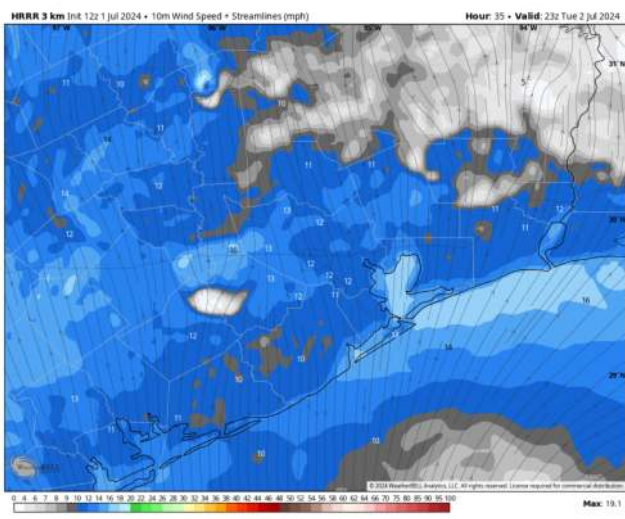
**High Temps:** **N of Morgan's Point:** Upper 90s F. **S of Morgan's Point:** Upper 80s to lower 90s F

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

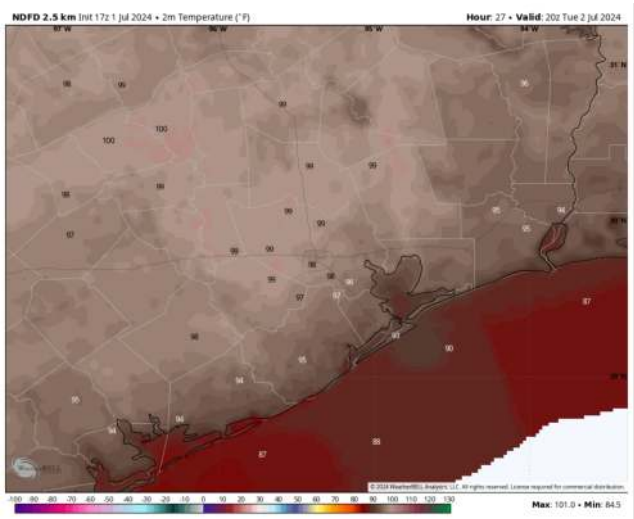
## Precip Image: 5 PM CT



Wind Speed:  
6 PM CT



High Temps  
Tuesday



## Forecast Discussion

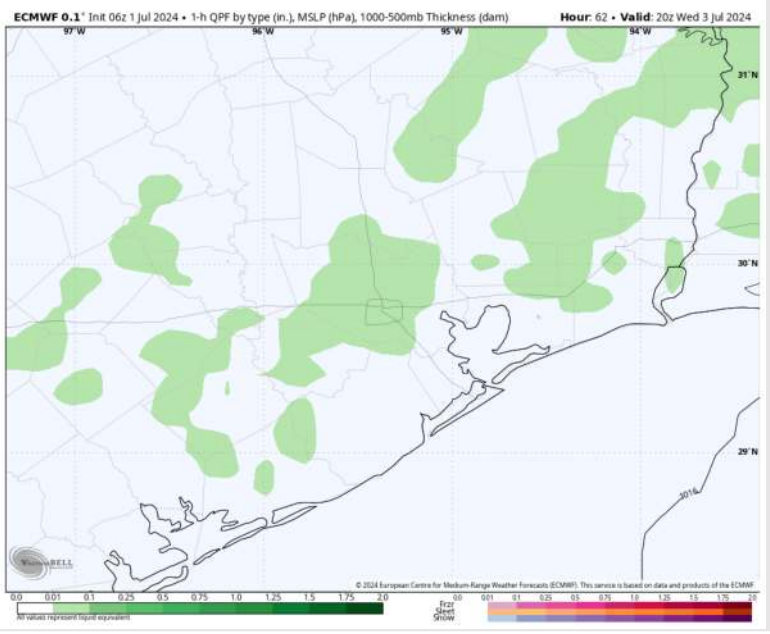
**Precip:** Scattered showers (30%) will be possible throughout the day. Showers will be light in nature. Rain chances are expected to clear out by 8 PM and dry conditions are favored through the rest of WED.

**Wind:** Winds out of the S/SE 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 5-10 kts through 2 PM before increasing to 8-13 kts the rest of the day.

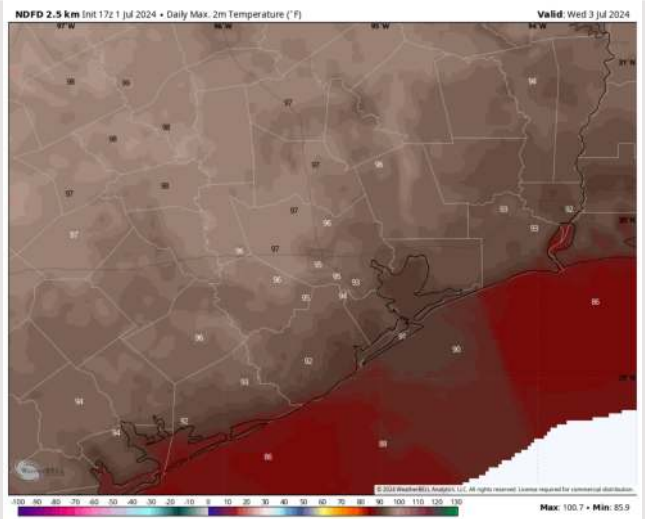
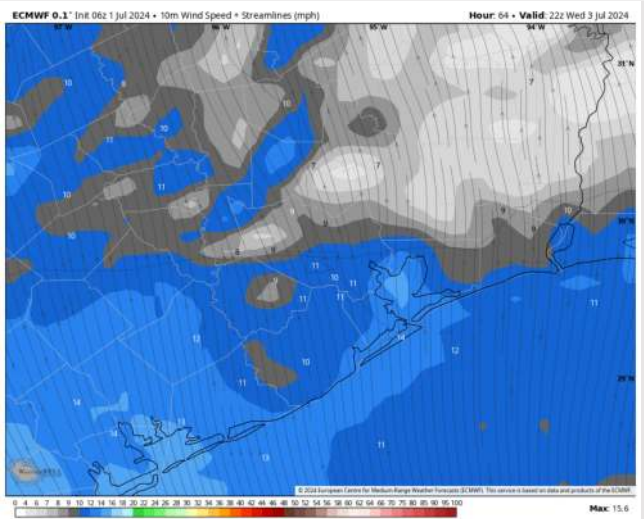
**High Temps:** **N of Morgan's Point:** Mid 90s F. **S of Morgan's Point:** Near 90 F.

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

## Precip Image: 3 PM CT



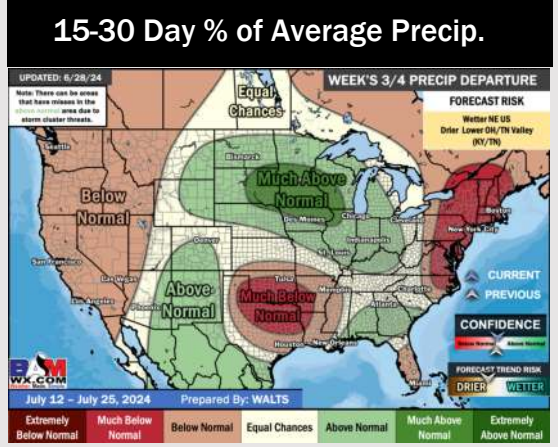
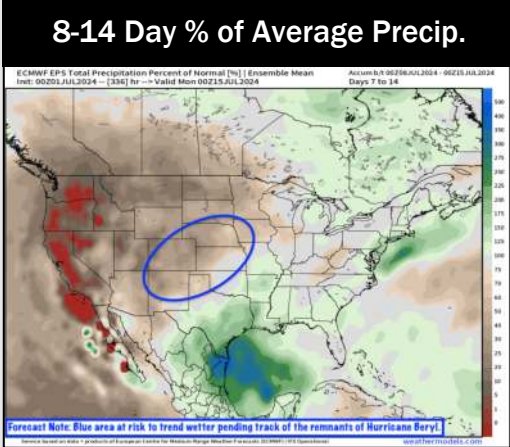
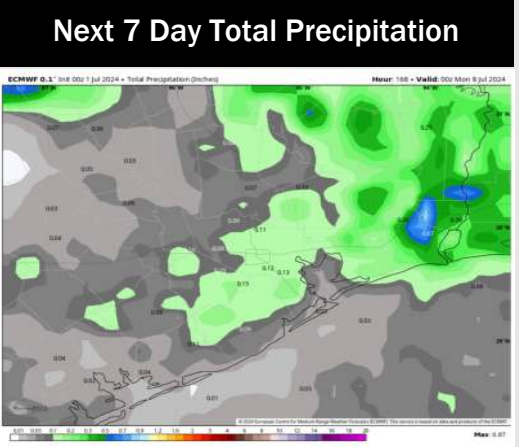
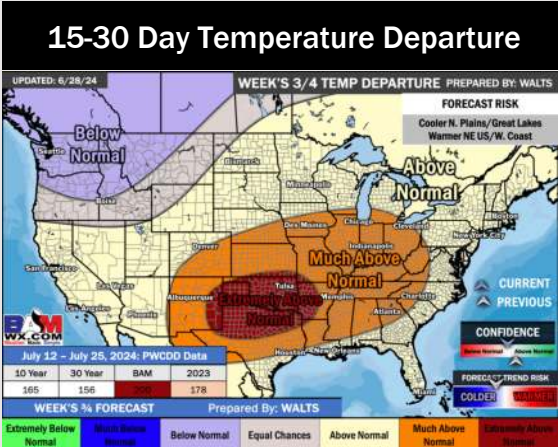
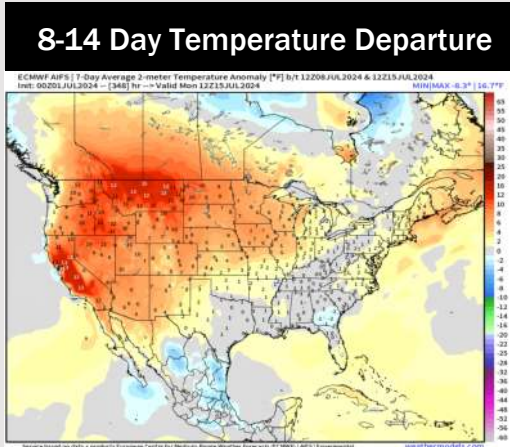
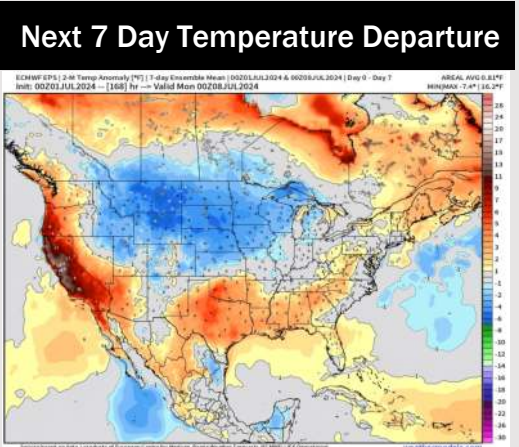
**Wind Speed:  
5 PM CT**



**High Temps  
Wednesday**



# 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.