

Houston Pilots Forecast Package



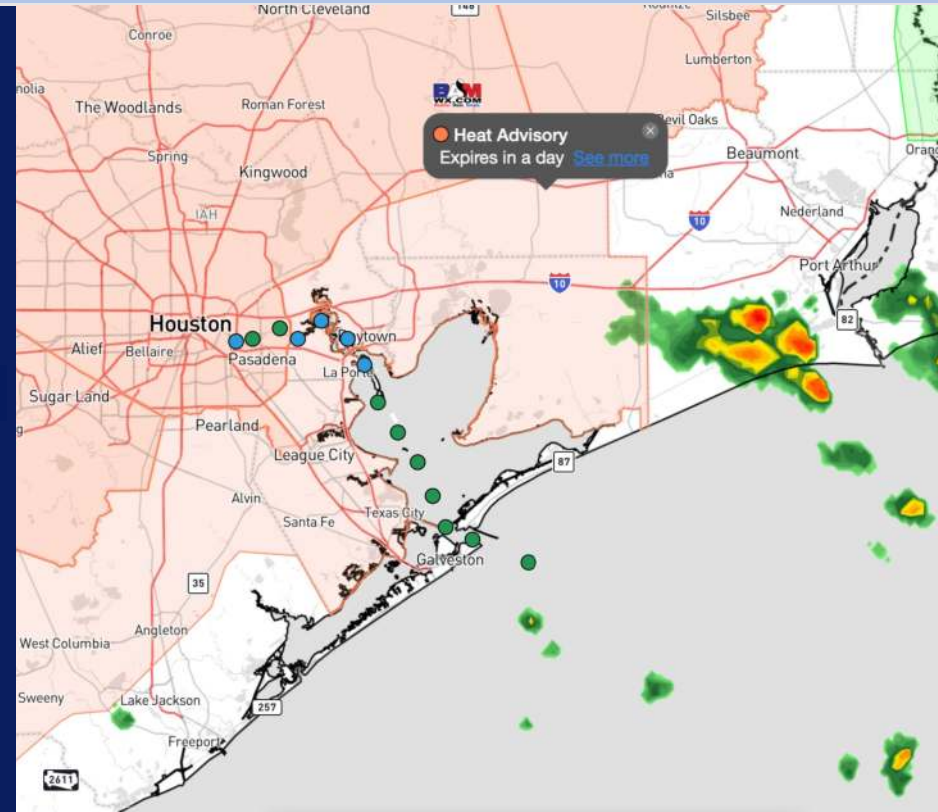
Updated: 11:00 AM CT

Wednesday, July 3, 2024

Forecaster: Alyssa Elliott

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 20 kts.
- **Monitoring Hurricane Beryl that is currently a CAT 4 storm. See graphics below for latest thinking!**
- **Hurricane Beryl Video Update 7/3**



Current Radar: 10:50 AM CT



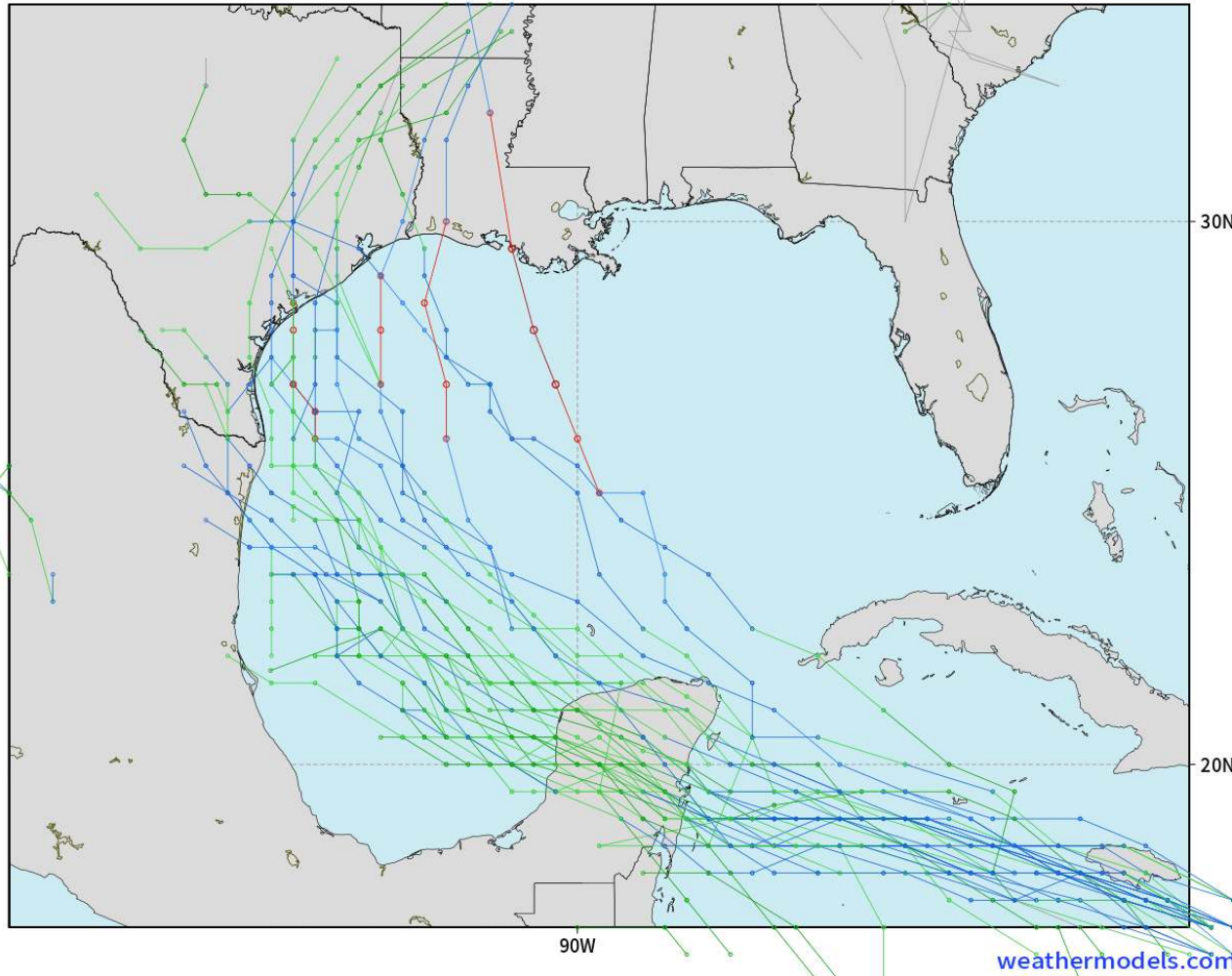
As always, please do not hesitate to reach out to us with any forecast questions via the chat option on Clarity or our on-call number, **(317)-560-8122** press **1** for forecast questions.

Houston Pilots Tropical Update

American Model Next 10 Days - Tropical Tracks

NOAA GFSv12 | All Ensemble Cyclones +240 Hours
INIT: 06Z03JUL2024 --> UNTIL 06Z13JUL2024

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 SE Gulf Coast of Texas. IF HOU is in the path, we are most concerned about the 8th -10th window.

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

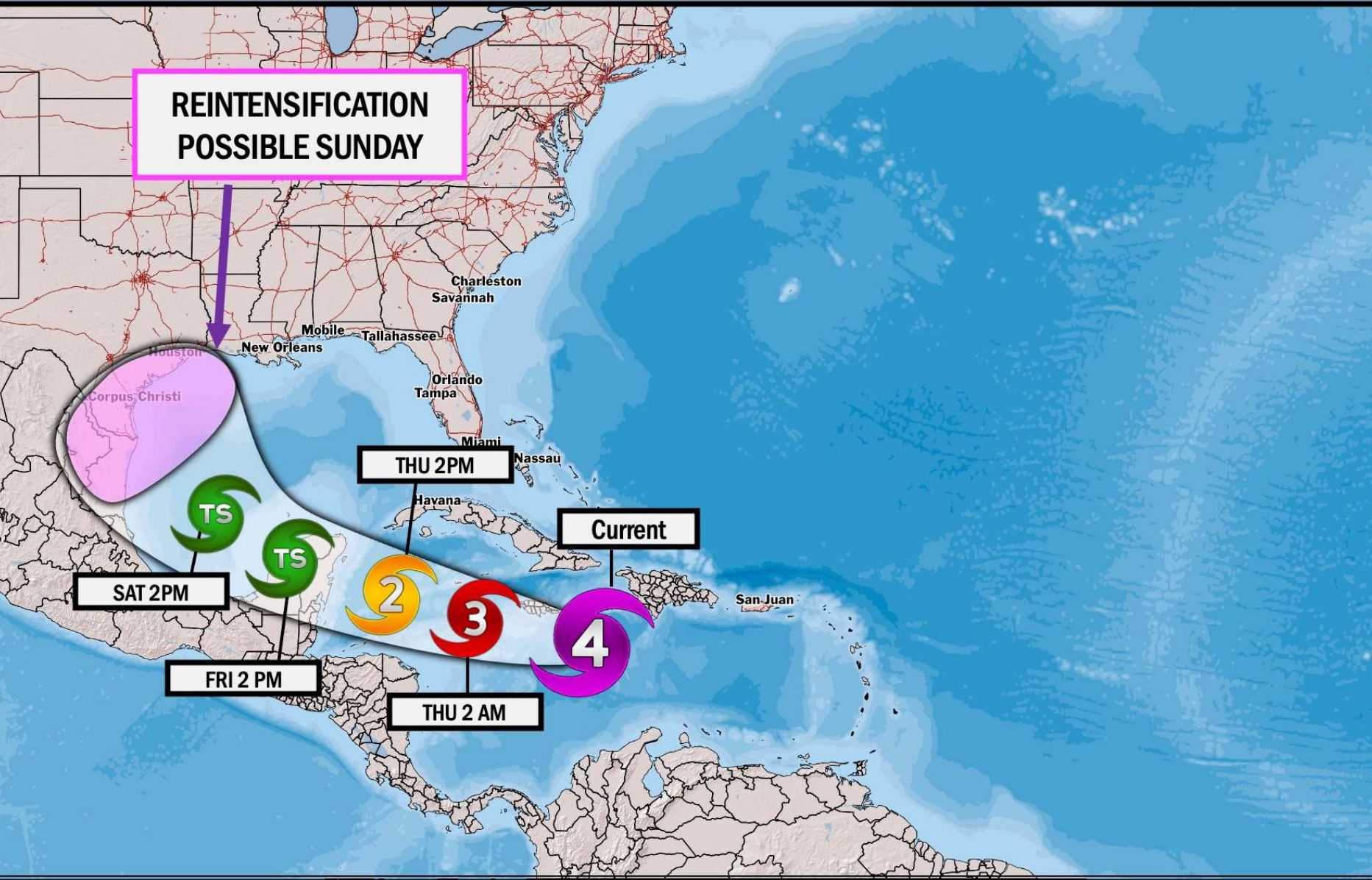
Hurricane Beryl Outlook

WED July 3rd – SUN July 7th, 2024

UPDATED: 7/3/24 11:00 AM ET



**REINTENSIFICATION
POSSIBLE SUNDAY**



Houston Pilots Visibility Chart (miles)



Forecast Confidence



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

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: Wed. 7/3/2024



Forecast Discussion

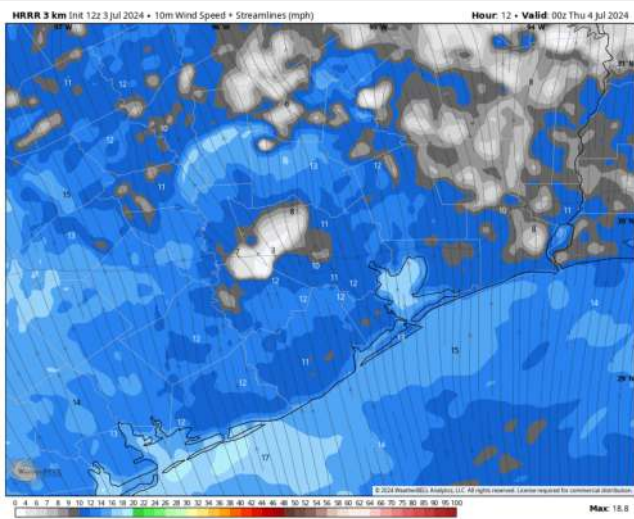
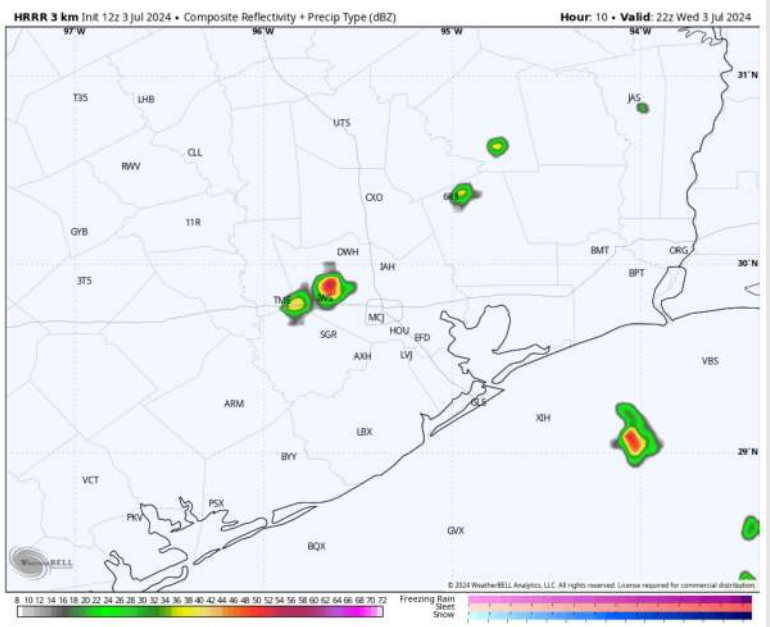
Precip: Scattered showers/thunderstorms (30%) will be possible from through 6 PM CT. Coverage will gradually push N throughout the day, with dry conditions favored after 6 PM.

Wind: Winds out of the S/SW throughout the PM. **N of Morgan's Point:** Winds at 3-8 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 sightly to 15-20 kts the rest of the day.

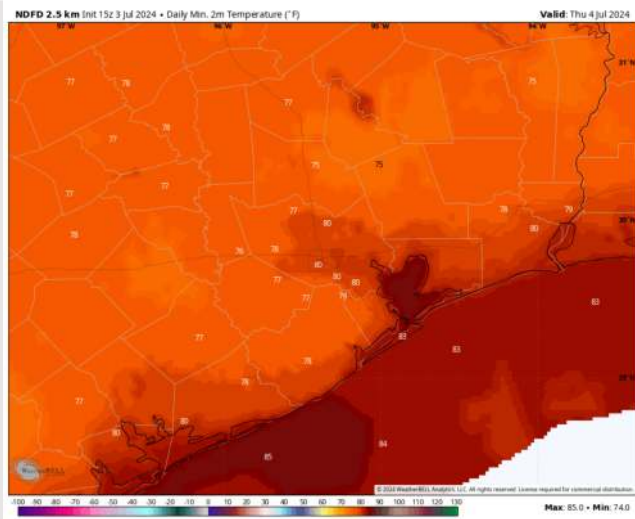
Low Temps: **N of Morgan's Point:** Low 80s F. **S of Morgan's Point:** Mid 80s F.

Visibility: Not anticipating any fog concerns for today.

Precip Image: 5 PM CT



Wind Speed:
7 PM CT



Low Temps
THU AM

Houston Pilots: Thu. 7/4/2024



Forecast Discussion

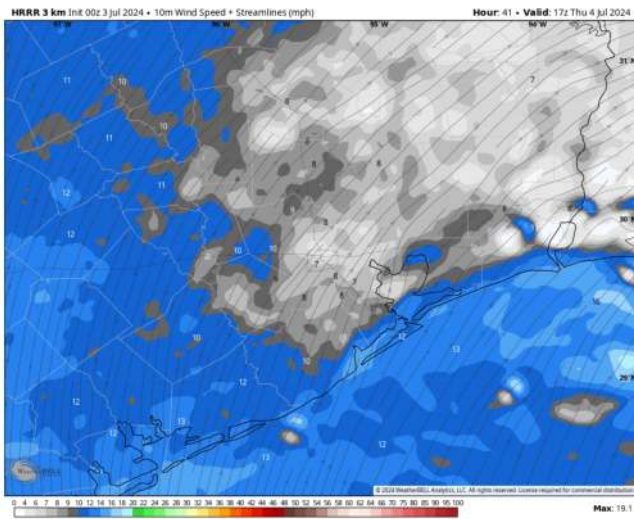
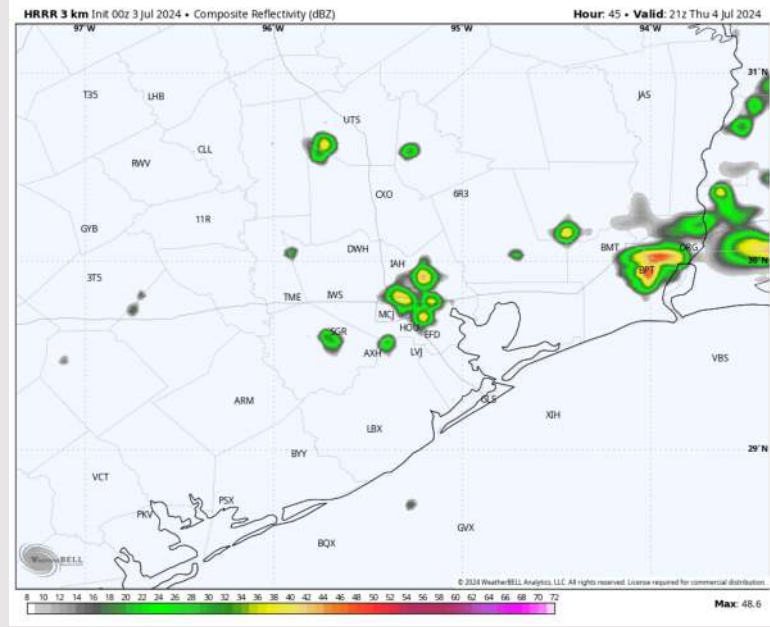
Precip: Isolated showers (10%) will be possible as early as 5 AM CT on THU and continue into the early afternoon. After ~3 PM, locations N of Morgan's Point will be prone to scattered (20%) showers/storms through 7 PM. Dry conditions favored after 7 PM and through the remainder of the night.

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.

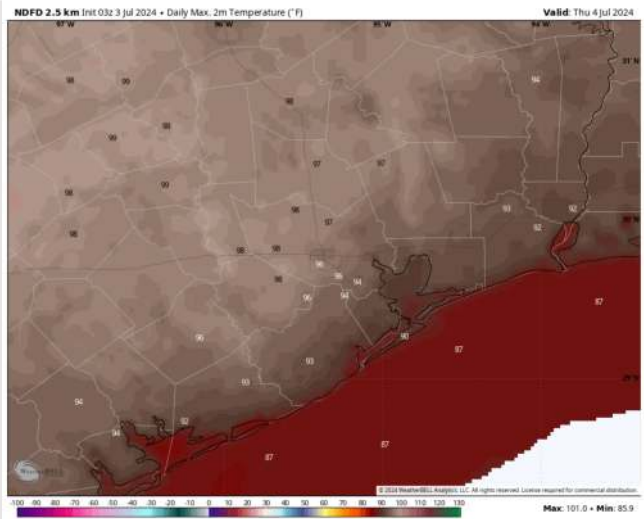
High Temps: **N of Morgan's Point:** Mid 90s. **S of Morgan's Point:** Lower 90s F.

Visibility: Not favoring any fog concerns for Thursday.

Precip Image: 4 PM CT



Wind Speed
12 PM CT



High Temps
Thursday

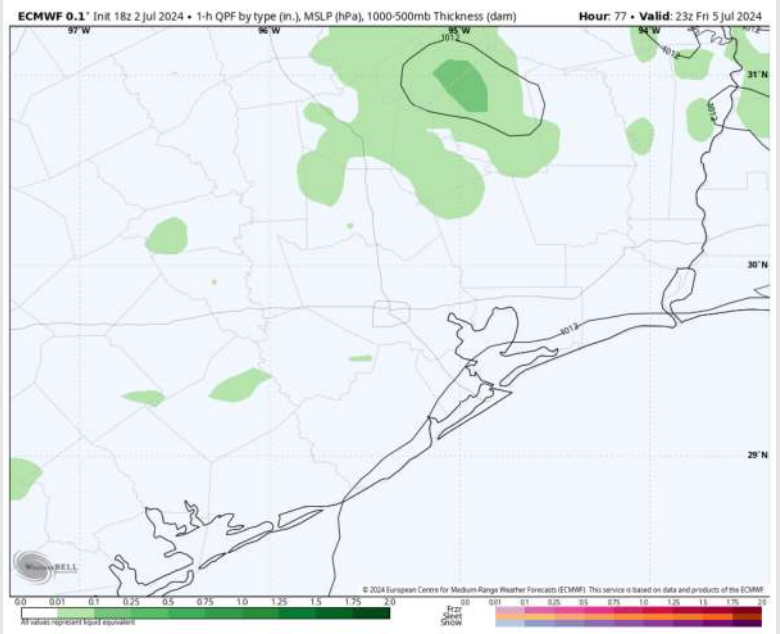
Houston Pilots: Fri. 7/5/2024



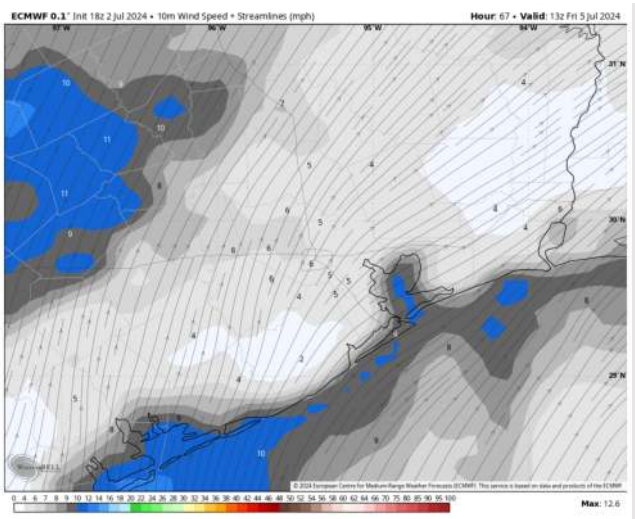
Forecast Discussion

- 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.

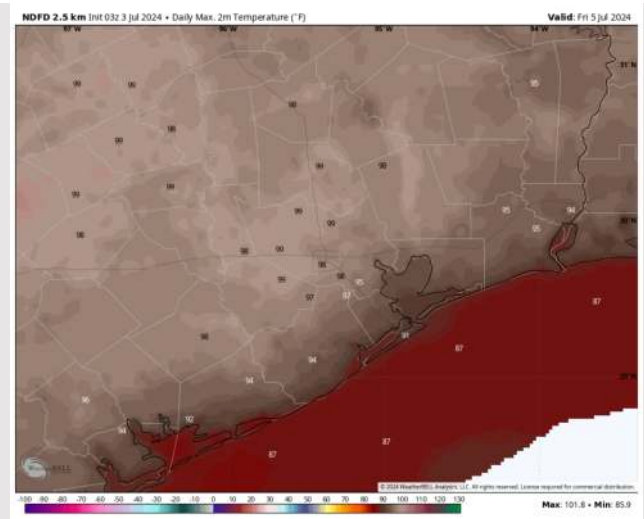
Precip Image: 6 PM CT



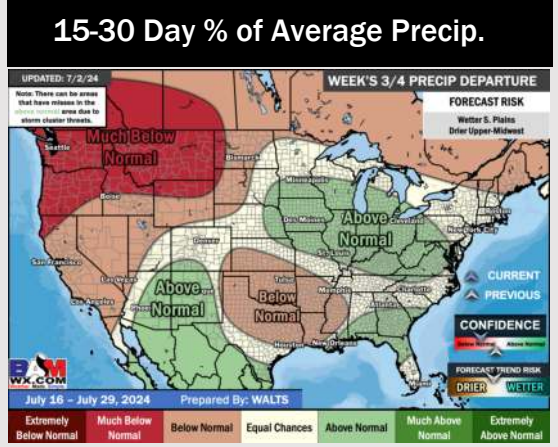
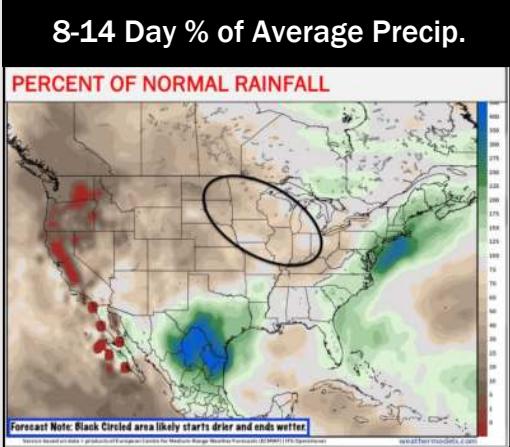
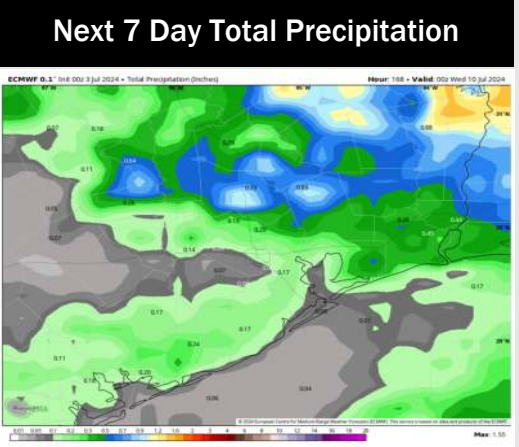
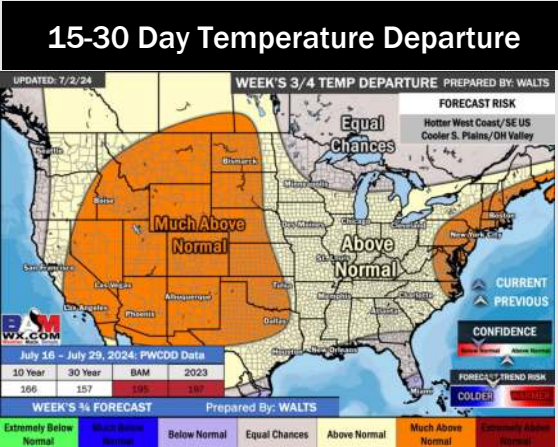
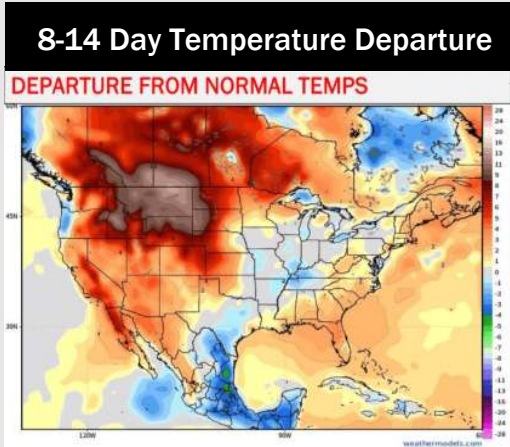
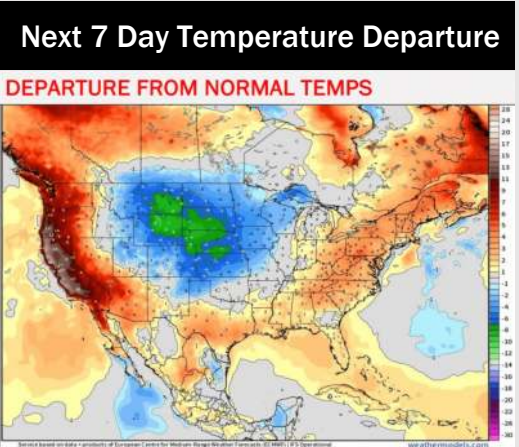
Wind Speed:
8 AM CT



High Temps
Friday



Houston Pilots: 7/3/24



- 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 above normal precipitation for the week 2 timeframe. Slightly above normal temperatures are favored for week 2.
- Below normal chances for precipitation and slightly above normal temperatures are favored in the weeks 3/4 timeframe.