

Houston Pilots Forecast Package



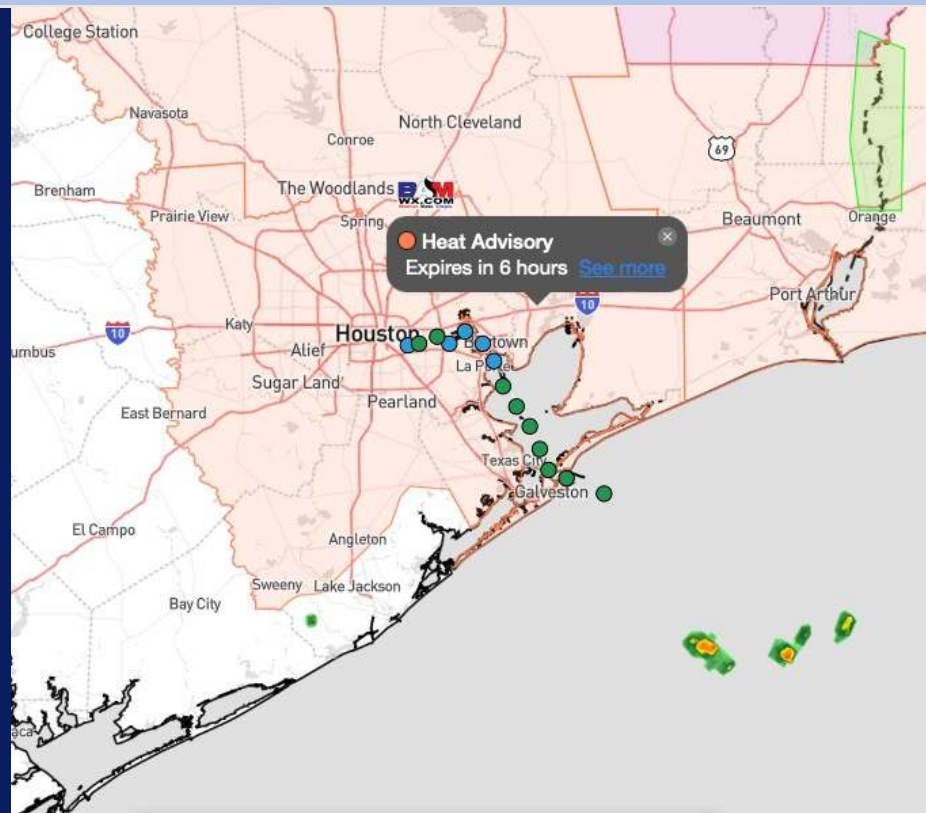
Updated: 12:40 PM CT

Tuesday, July 2, 2024

Forecaster: Hope Kleitsch

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: 12:40 PM CT



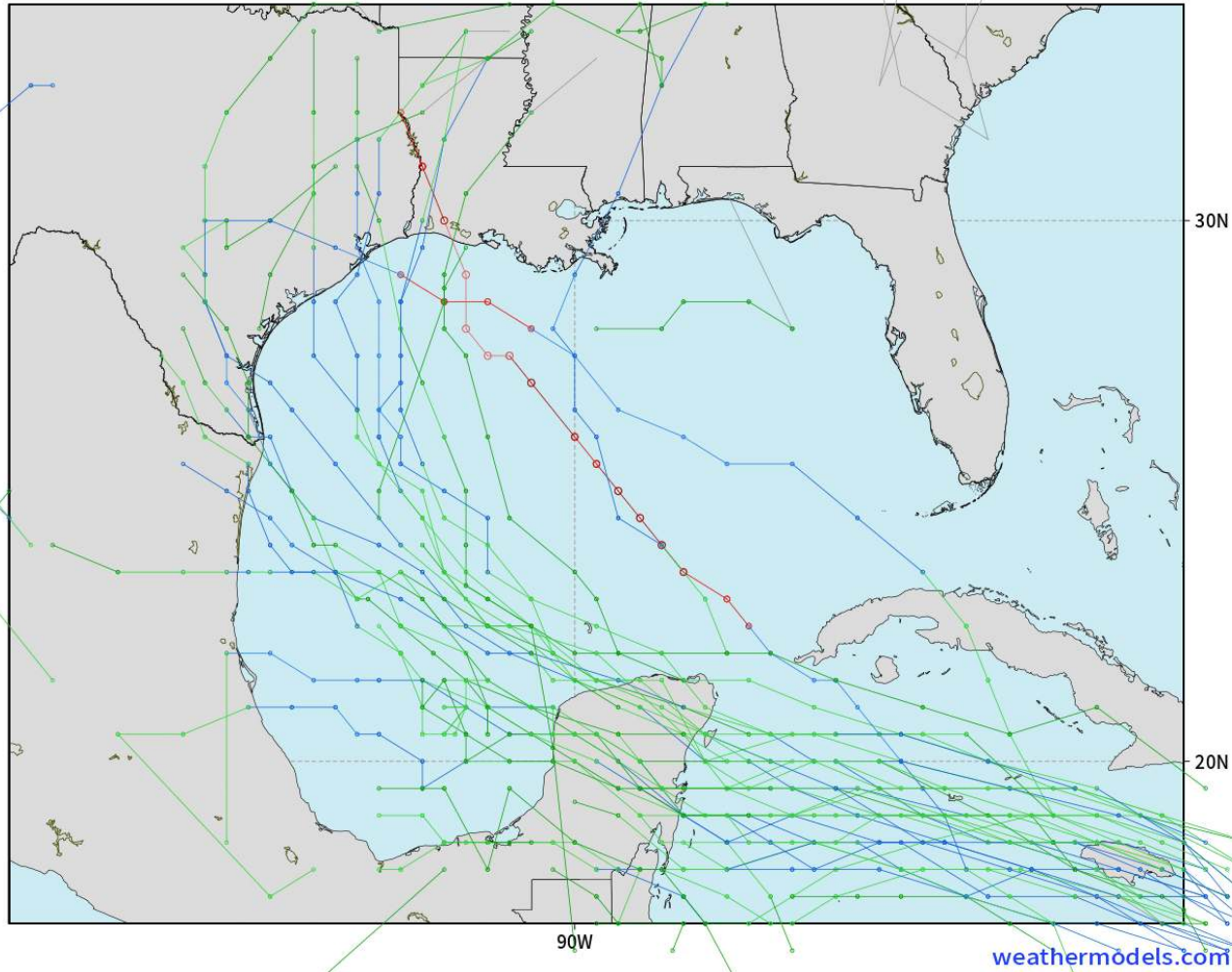
As always, please do not hesitate to reach out to us with any forecast questions via the chat option on Clarity or our on-call number, **(317)-560-8122** press **1** for forecast questions.

Houston Pilots Tropical Update

American Model Next 10 Days - Tropical Tracks

NOAA GFSv12 | All Ensemble Cyclones +240 Hours
INIT: 06Z02JUL2024 --> UNTIL 06Z12JUL2024

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).

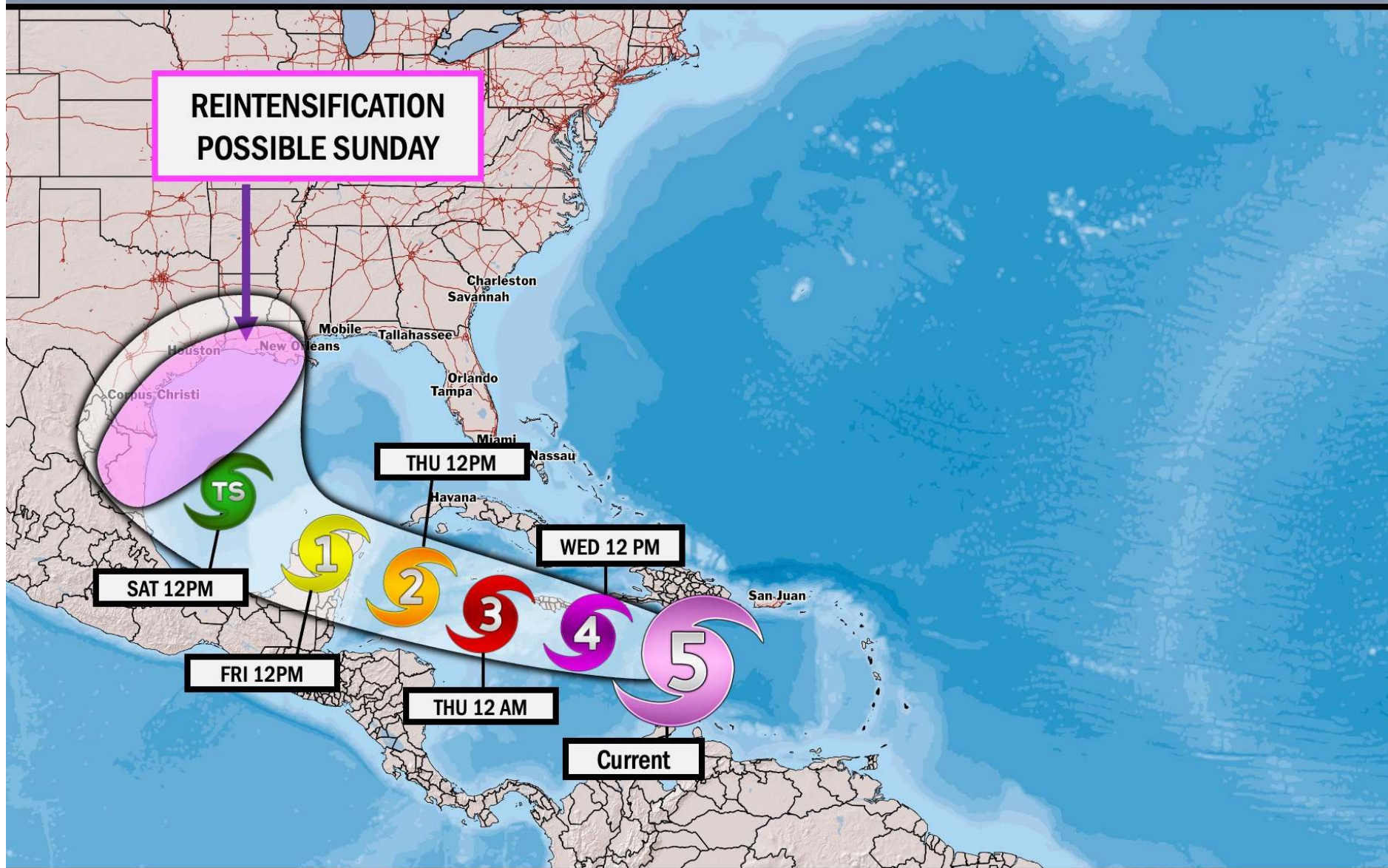
Currently Noting N/E trends in latest data, putting HOU at risk for impacts of weakening Beryl with reintensification possible as it reaches the Gulf (low end hurricane/tropical storm).

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

Hurricane Beryl Outlook

TUE July 2nd – SUN July 7th, 2024

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



Houston Pilots Visibility Chart (miles)



Forecast Confidence



Time	Tue 1pm	Tue 2pm	Tue 3pm	Tue 4pm	Tue 5pm	Tue 6pm	Tue 7pm	Tue 8pm	Tue 9pm	Tue 10pm	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	
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	7	7	10

NOTE: This is automated data that may/may not agree with the official B.A.M. 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



Example

Sustained wind 13 Knots
Gusts 18 Knots
Wind from the N

WS: 13
G:18
N

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

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Houston Pilots: Tue. 7/2/2024

Forecast Discussion

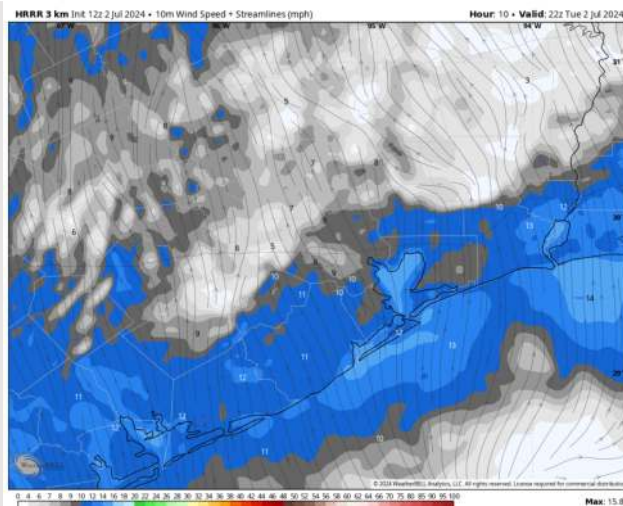
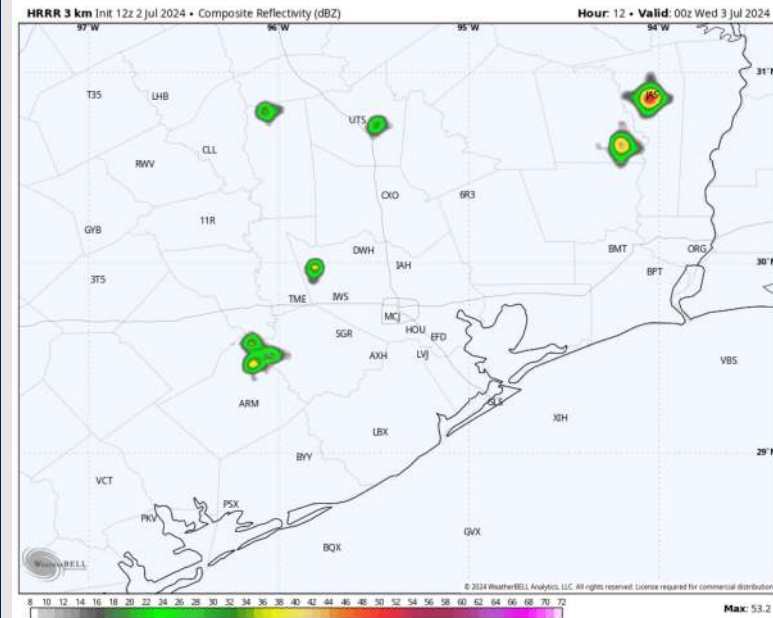
Precip: Isolated showers/thunderstorms (10%) will be possible through 7 PM, however, showers/storms look to remain north of stations. Dry conditions favored the rest of the night.

Wind: Winds will be out of the S for 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 until 12 AM, then calming back down to 2-7 kts for the remainder of the overnight. **S of Morgan's Point:** Winds at 9-14 kts for the rest of the day.

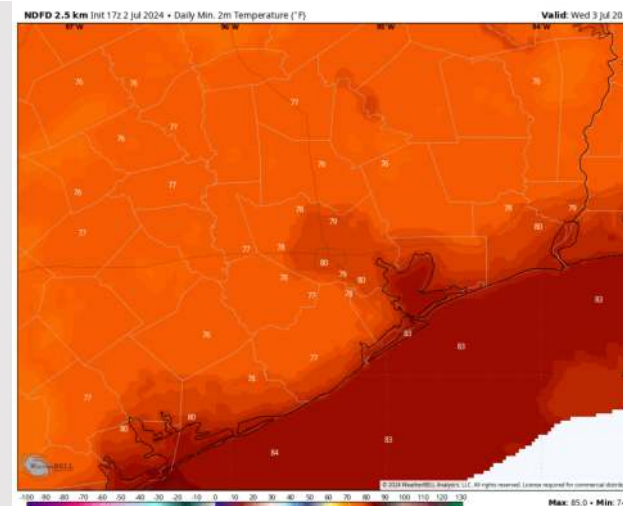
Low Temps: **N of Morgan's Point:** Near 80 F. **S of Morgan's Point:** Lower 80s F.

Visibility: Not anticipating any fog concerns for today.

Precip Image: 7 PM CT



Wind Speed:
5 PM CT



Low Temps
WED AM

Forecast Discussion

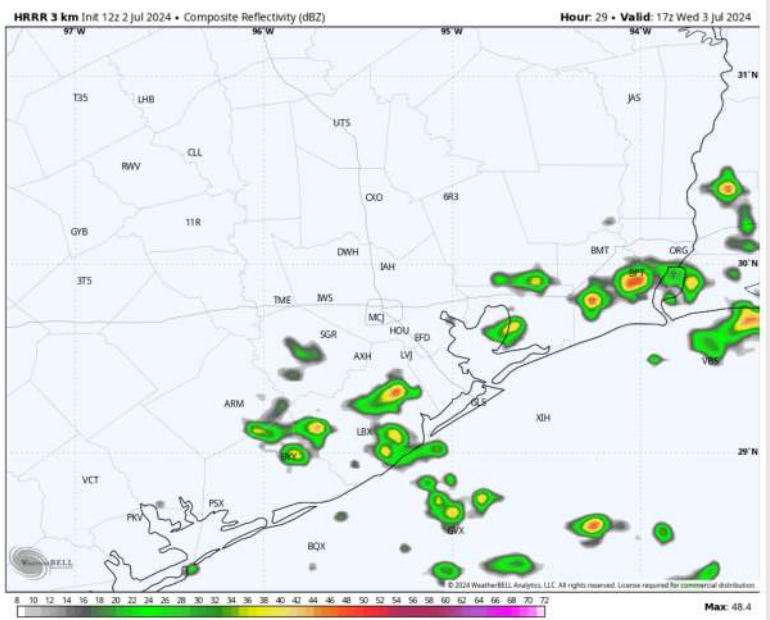
Precip: Scattered showers/thunderstorms (30%) will be possible from 7 AM through 6 PM CT. Coverage will gradually push N throughout the day, with dry conditions favored after 6 PM.

Wind: Winds out of the S/SW throughout the day 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 2 PM before increasing slightly to 8-13 kts the rest of the day.

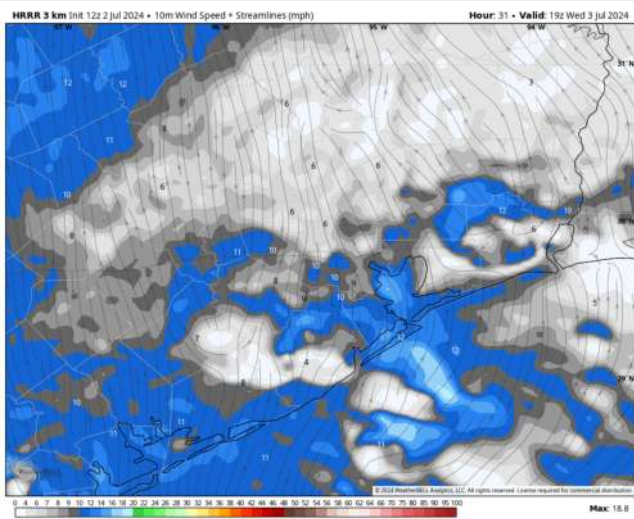
High Temps: **N of Morgan's Point:** Mid 90s F. **S of Morgan's Point:** Near 90 F.

Visibility: Not anticipating any fog concerns for Wednesday.

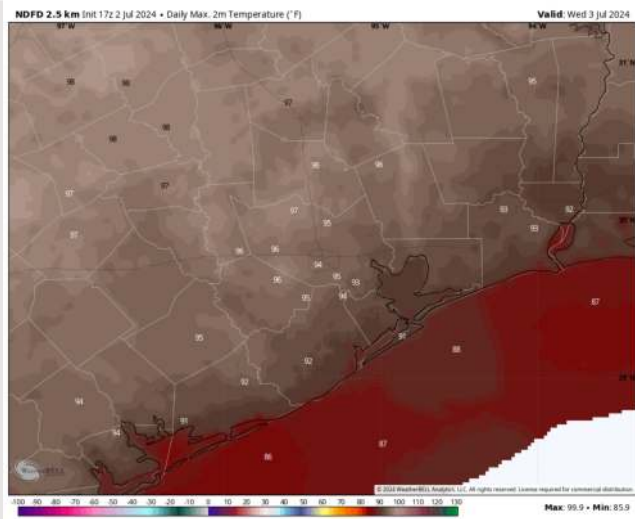
Precip Image: 12 PM CT



Wind Speed: 2 PM CT



Wind Speed:
2 PM CT



High Temps
Wednesday

Houston Pilots: Thu. 7/4/2024



Forecast Discussion

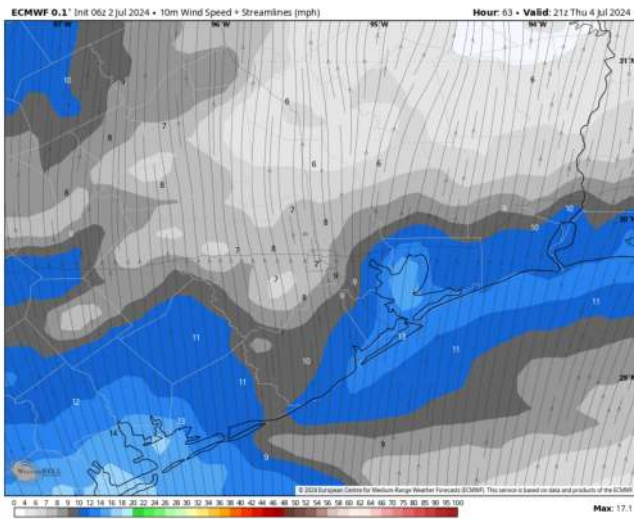
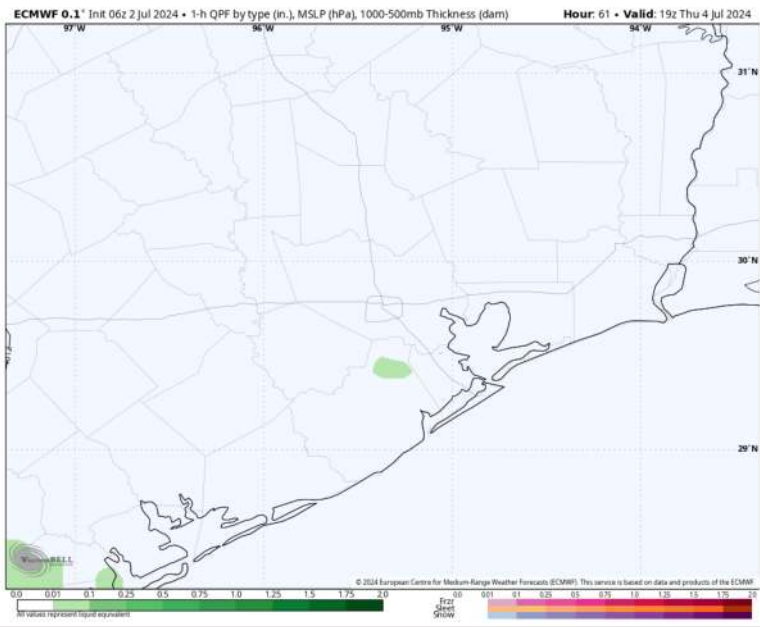
Precip: Isolated showers (10%) will be possible from 9 AM through 5 PM on THU, gradually working northward. Dry conditions favored after 5 PM and through the remainder of the night.

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.

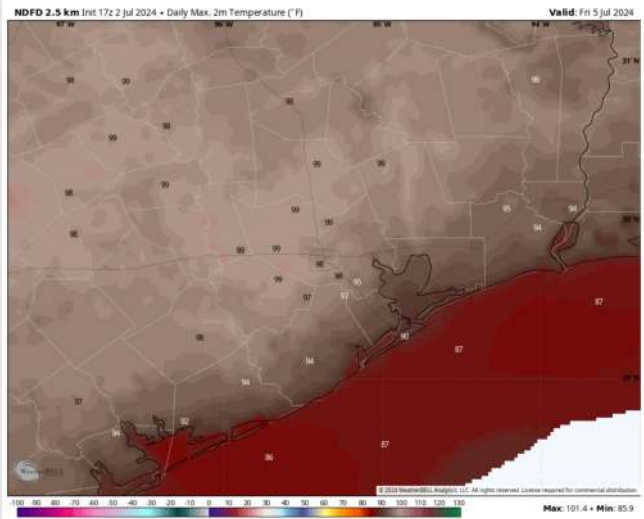
High Temps: **N of Morgan's Point:** Upper 90s. **S of Morgan's Point:** Lower to mid 90s F.

Visibility: Not favoring any fog concerns for Thursday.

Precip Image: 2 PM CT

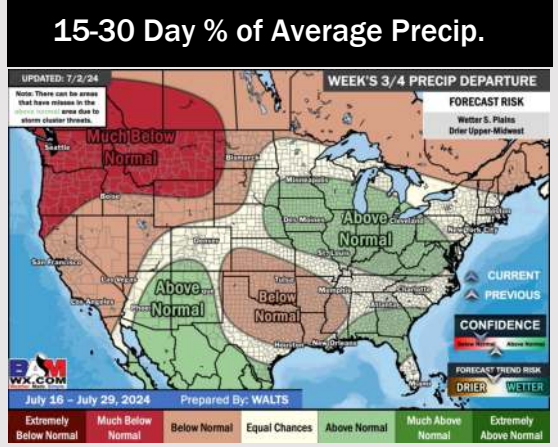
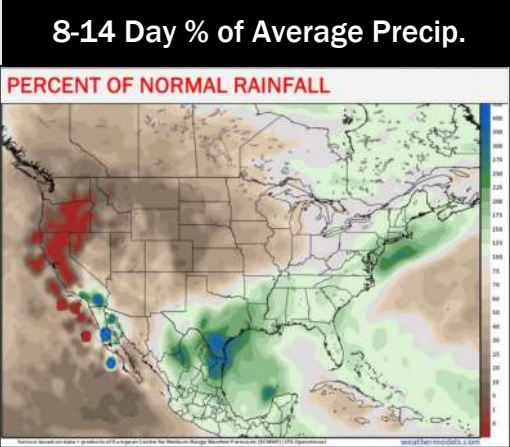
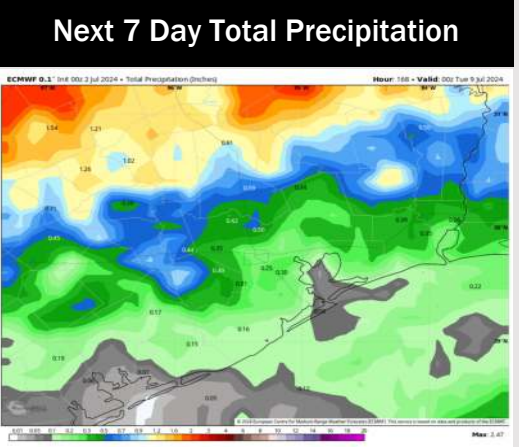
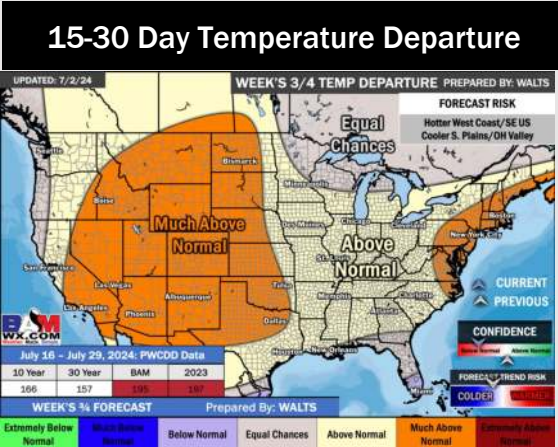
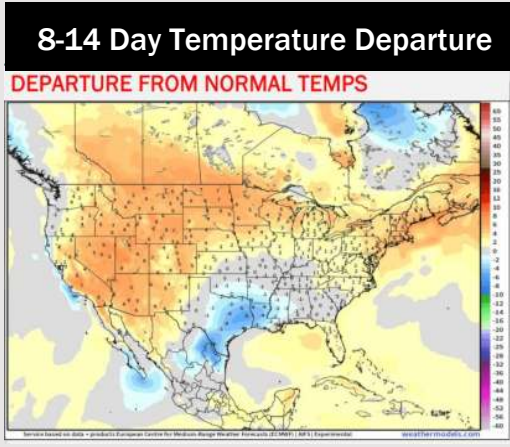


Wind Speed
4 PM CT



High Temps
Thursday

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.
- Models are favoring well above normal precipitation for the week 2 timeframe, favoring the remnants of Hurricane Beryl. 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.