

Houston Pilots Forecast Package



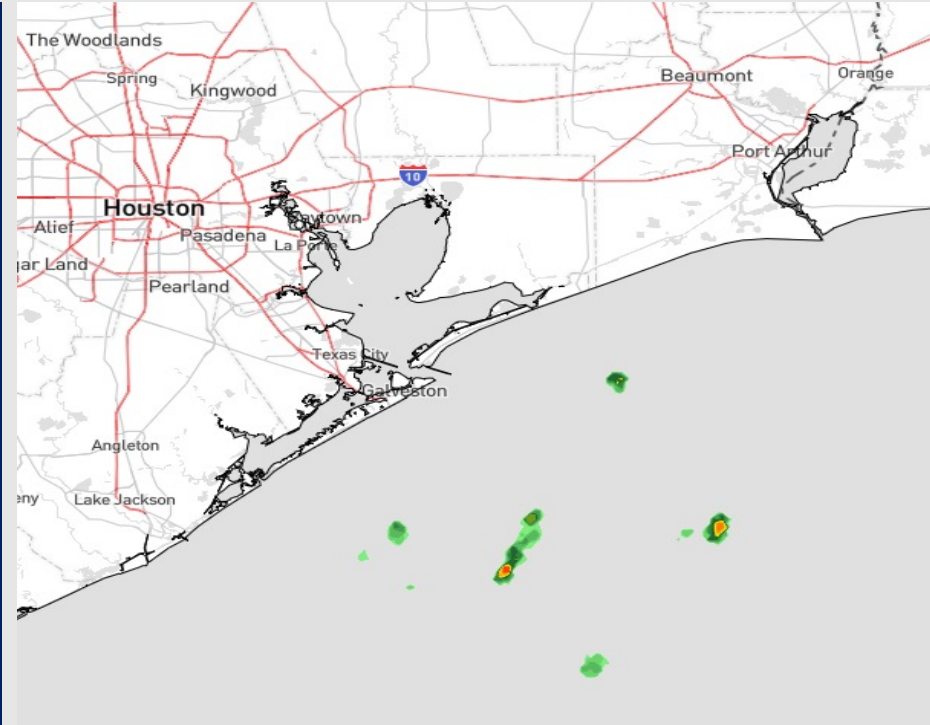
Updated: 5:00 AM CT

Wednesday, July 26, 2023

Forecaster: Xander Lowry

Weather Headlines

- Pop-up chances will continue to be possible over the next few days (low end 10 - 20% chances)
- Excessive heat concerns (90+ F) to continue throughout at least next week.
- No active tropical threats to SE TX for next 7-10 days.
- Winds are primarily favored to remain calm, especially during the morning hours (<10 kts) with speeds seldom exceeding 15 kts in the PM over the next 72 hours.



Radar/NWS Alerts: 5:00 AM CT



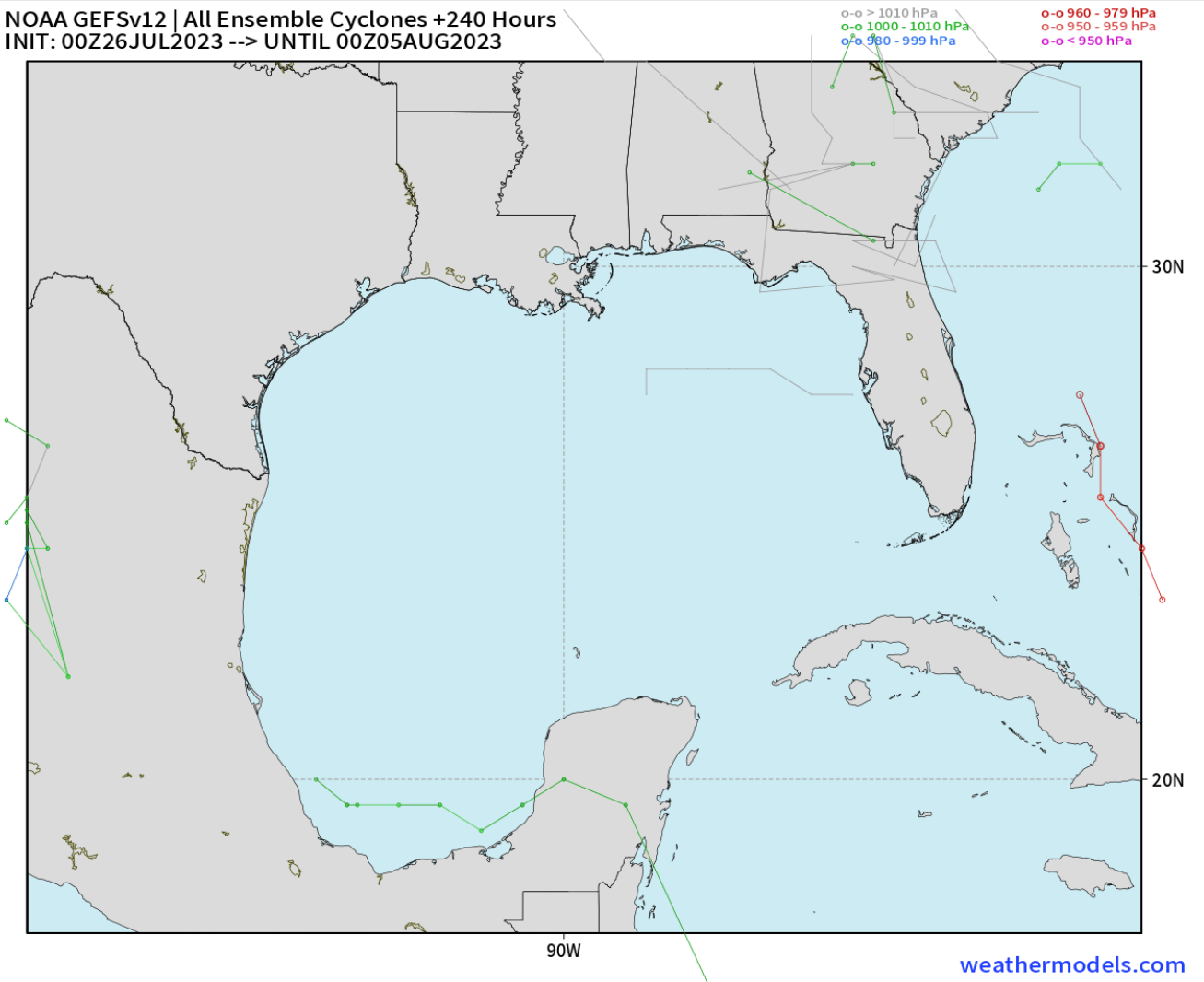
As always, please do not hesitate to reach out to us with any forecast questions via the chat option on the Weather Porthole or our on-call number, **(317)-560-8122** press 1 for forecast questions.

Houston Pilots Tropical Update



American Model Low Pressure Tracks Next 10-Days

NOAA GEFSv12 | All Ensemble Cyclones +240 Hours
INIT: 00Z26JUL2023 --> UNTIL 00Z05AUG2023



No tropical activity anticipated over the next 10 days for SE TX.

No other areas of interest being noted across the Atlantic/Gulf

Houston Pilots Visibility Chart (miles)



Forecast Confidence



Time	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	Wed 11pm	Thu 12am	Thu 1am	Thu 2am	Thu 3am	Thu 4am	Thu 5am	Thu 6am	Thu 7am	Thu 8am	Thu 9am	Thu 10am	Thu 11am	Thu 12pm	Thu 1pm	Thu 2pm	
610 Bridge	10	10	10	9	9	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	8	10	10	10	10	10	10	10	
Kinder 1	10	10	10	9	9	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	8	10	10	10	10	10	10	10	
Greens Bayou	10	10	10	9	9	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	8	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	10	10	10	10	9	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	10	10	10	10	9	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	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	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	10	10	10	10	10	10	10	10	10	10	10	10	10
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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	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	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	10	10	10	10	10	10	10	10	10	10	10	10	10
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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	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



Example

Sustained wind 13 Knots

Gusts 18 Knots

Wind from the N

WS: 13

G:18

N

Time Knots	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	Wed 11pm	Thu 12am	Thu 1am	Thu 2am	Thu 3am	Thu 4am	Thu 5am	Thu 6am	Thu 7am	Thu 8am	Thu 9am	Thu 10am	Thu 11am	Thu 12pm	Thu 1pm	Thu 2pm	
610 Bridge	2	1	1	1	0	1	3	3	2	2	4	5	7	8	7	9	9	9	9	7	7	6	5	4	4	3	3	2	2	2	2	2	3	4	4	5	6
Kinder 1	2	1	1	1	0	1	3	3	2	3	5	6	7	8	8	9	8	7	7	6	5	4	4	3	3	2	2	2	2	2	3	4	5	6	7	8	
Greens Bayou	2	2	0	1	0	1	3	2	2	4	6	6	7	8	8	9	9	8	7	6	6	5	4	4	3	3	2	2	2	3	4	5	5	7	8		
Shell Crude	2	2	0	1	0	1	2	2	2	5	6	6	8	8	9	10	9	9	7	6	6	5	5	4	3	3	2	2	2	3	4	5	6	7	8		
Lynchburg Ferries	1	2	0	1	1	1	2	1	3	4	5	6	8	9	9	11	10	9	8	7	6	6	5	4	4	2	2	2	3	3	4	5	6	8	9		
Exxon 3	2	2	1	1	1	2	3	2	4	5	6	7	8	9	10	11	11	10	8	8	7	6	6	5	4	4	3	3	3	3	4	5	6	7	8	10	
Morgans Point	4	3	3	3	3	4	4	3	5	5	7	8	10	10	11	12	12	11	10	9	8	8	7	6	6	5	4	4	3	3	4	4	5	6	7	9	11
75/76	6	6	5	6	6	6	4	3	6	6	8	10	11	12	13	14	13	13	12	11	10	10	9	8	7	6	5	4	4	4	4	5	6	8	10	11	
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37/38	6	8	7	7	6	5	3	1	2	7	7	9	10	10	11	11	10	9	8	8	8	7	6	5	4	3	3	4	4	4	5	5	6	7	8	9	
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11/12	6	7	7	7	6	6	3	3	5	7	8	9	9	10	9	9	8	7	7	8	7	7	7	6	5	4	3	3	4	4	4	5	5	6	8	9	
1 & 2 Bravo	7	8	8	7	6	5	4	3	3	4	6	8	8	9	10	9	9	9	9	9	9	9	8	8	7	6	5	4	4	4	4	5	4	5	6	7	8

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Houston Pilots: Wed. 7/26/2023



Forecast Discussion

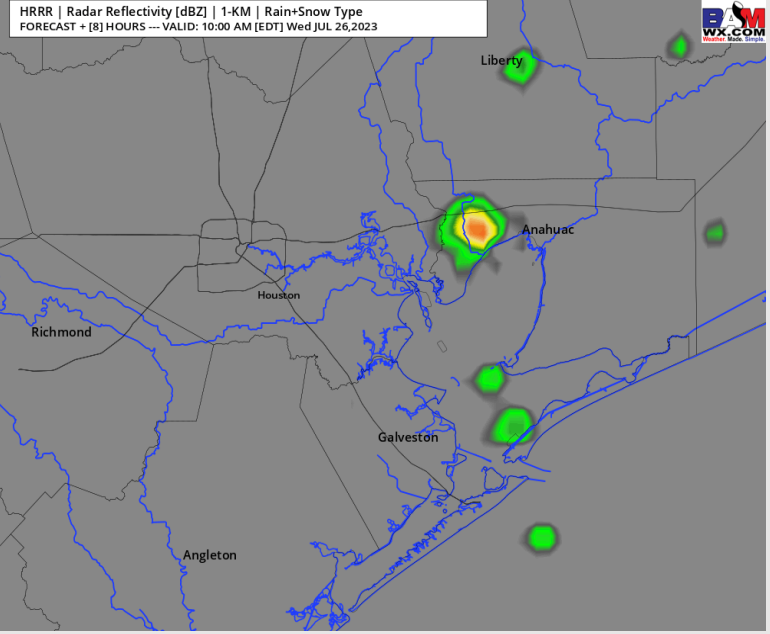
Precip: This morning a 20-30% chance of scattered pop-up showers/thunderstorms are possible between 8 AM – 12PM. Then starting at 5 PM, a 10% chance of isolated thunderstorms are possible. After 7 PM conditions are expected to remain dry for the rest of the evening.

Wind: Winds will be out of the S/SW throughout the day. Winds for Stations N of Morgan's Point will be at 2-7 kts until 3 PM, after which time they will increase to 8-13 kts until 8 PM. After 8 PM winds will decrease to 2-7 kts for the rest of the evening. Winds S of Morgan's Point will be 7-12 kts until 11 AM. After 11 AM expect winds to briefly calm to 2-7 kts until 1 PM. After 1 PM winds will gradually increase to 11-16 kts by 6 PM. After 6 PM expect winds to decrease to 8 – 13 kts for the rest of the evening.

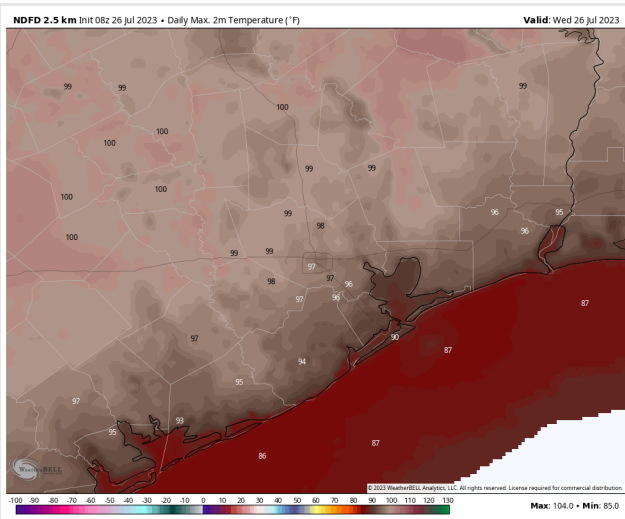
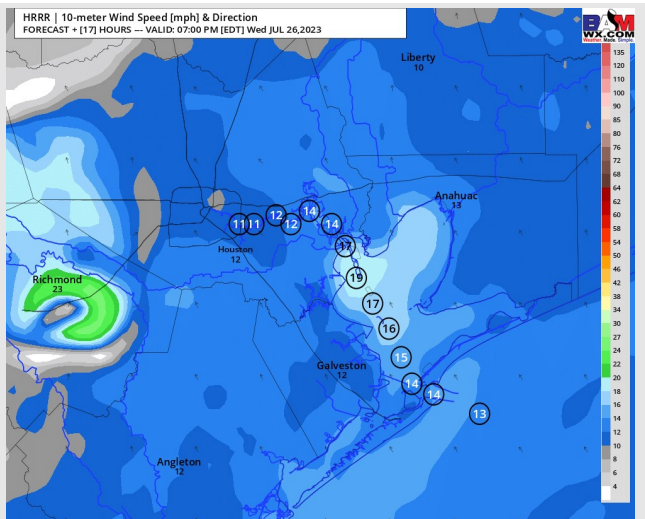
Temps: High temperatures today will be in the mid/upper 80s F for the Boarding Station, low/mid 90s F for all other Stations S of Morgan's Point and in the upper 90s N of Morgan's Point.

Visibility: Not anticipating any visibility concerns at this time.

Precip Image: 9 AM CT



Wind Speed:
6 PM CT



High Temps
Today

Houston Pilots: Thu. 7/27/2023



Forecast Discussion

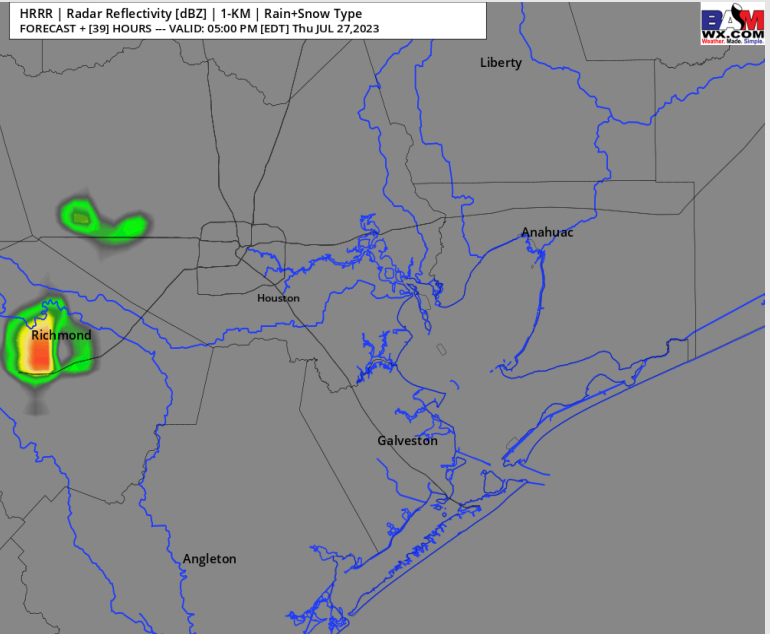
Precip: Favoring mostly dry conditions Thursday, aside from a 10% chance of isolated showers/thunderstorms between 4-6 PM.

Wind: Winds will be out of the S/SW throughout the day for all stations. For stations N of Morgan's Point, winds of 2 – 7 kts will continue through 3 PM. After 3 PM winds will increase to 5-10 kts for the rest of the day. For stations S of Morgan's point winds will be 7 – 12 kts through 5 AM. After 5 AM winds will decrease to 3-8 kts until 2 PM. After 2 PM winds will increase to 9-14 kts for the rest of the day.

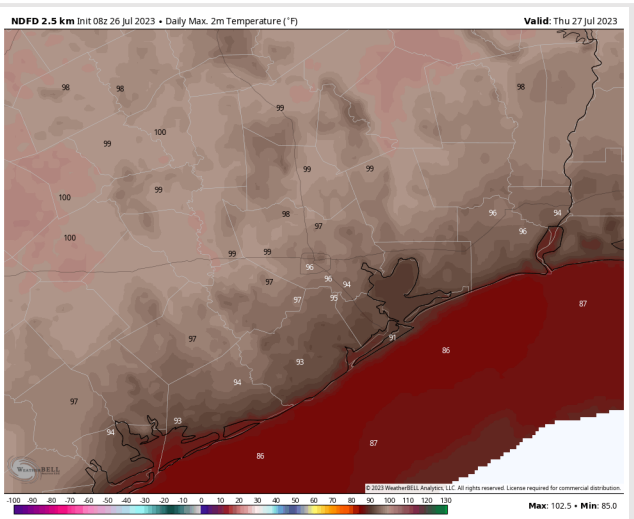
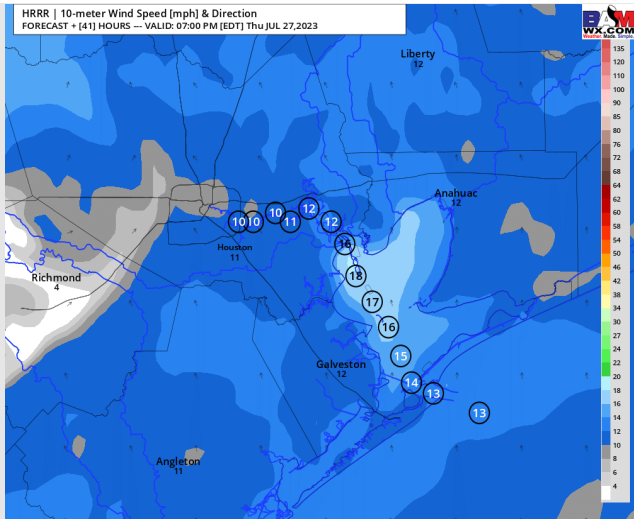
Temps: High temperatures Thursday will be in the mid/upper 80s F for the Boarding Station, low 90s F for all other Stations S of Morgan's Point and in the mid 90s N of Morgan's Point.

Visibility: Not anticipating any visibility concerns at this time.

Precip Image: 4 PM CT



Wind Speed:
6 PM CT



High Temps
Thursday

Houston Pilots: Fri. 7/28/2023



Forecast Discussion

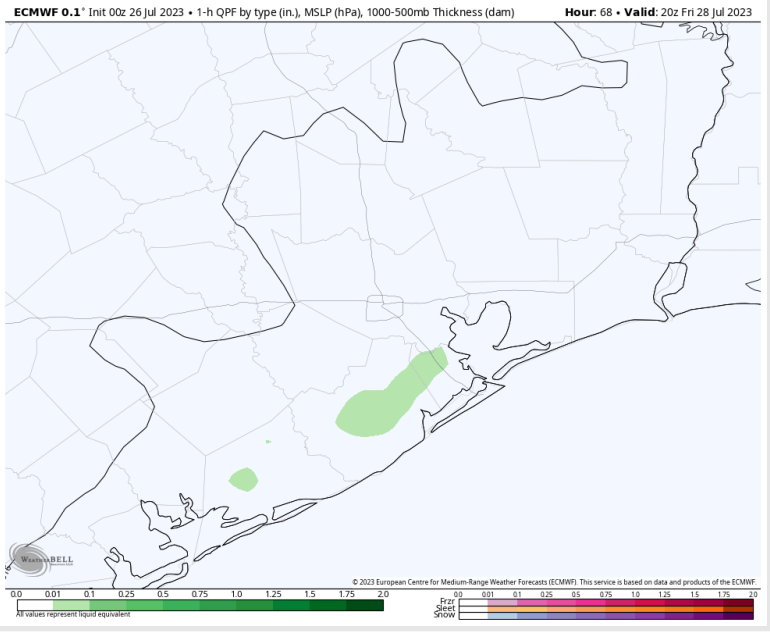
Precip: Anticipating dry conditions for the majority of the day Friday, with an isolated shower/thunderstorm (20%) from 3 – 5 PM.

Wind: Winds will be out of the SW during the morning Friday before shifting to beginning out of the SE between 1-2 PM and remaining that way for the rest of the day. Winds north of Morgan’s point will be near-calm at 1 – 4 kts through 5 PM when then they will increase to 3-8 kts for the rest of the day. Winds south of Morgan’s Point will be at 4 – 9 kts until 3 PM before increasing to 5 – 10 kts and remaining that way for the rest of the day.

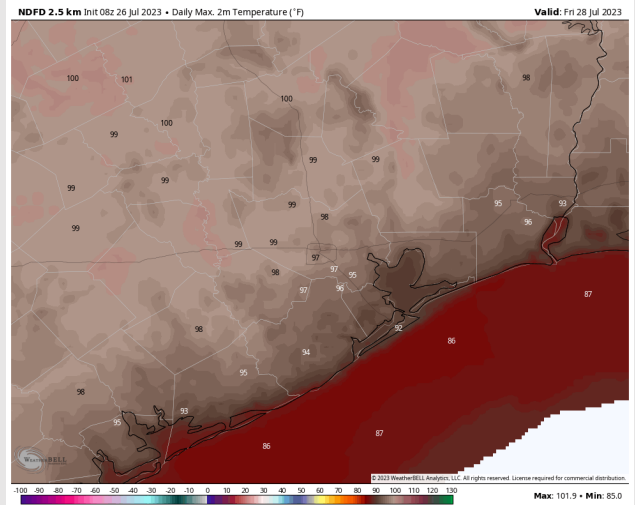
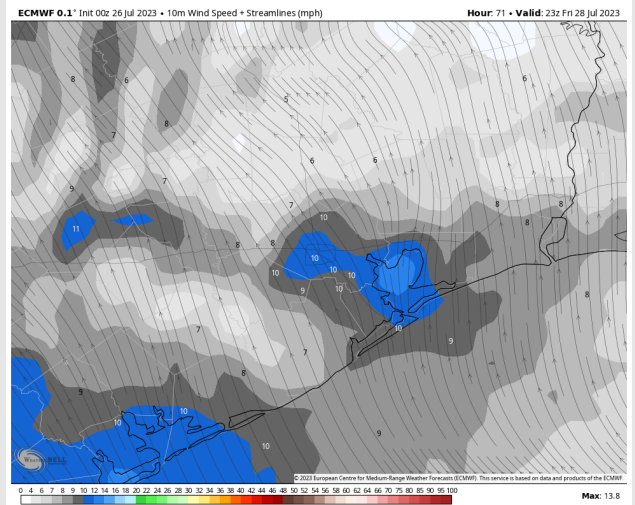
Temps: High temperatures Friday will be in the upper 90s F north of Morgan’s Point and in the lower 90s south of Morgan’s Point. The Boarding Station can expect temperatures in the upper 80s.

Visibility: Not anticipating any visibility concerns at this time.

Precip Image: 3 PM CT

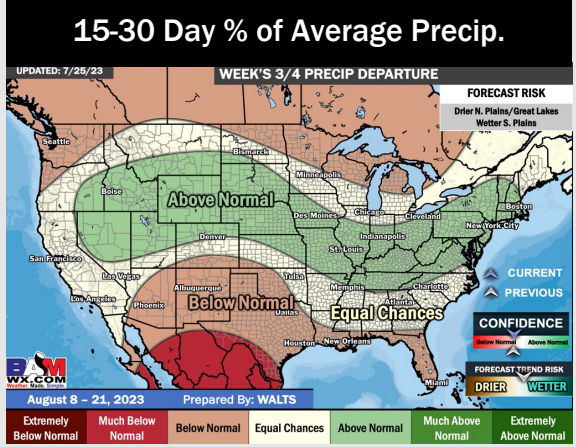
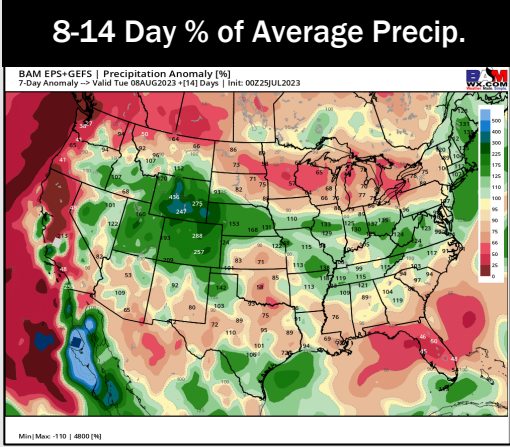
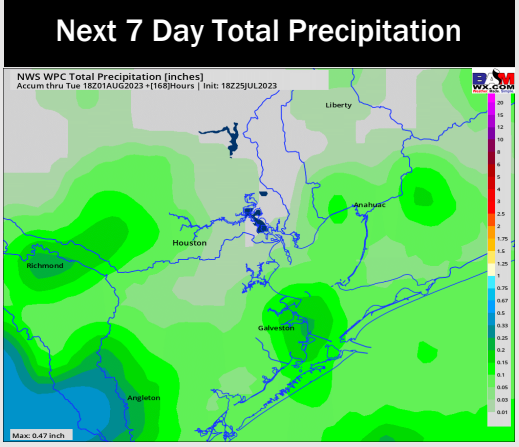
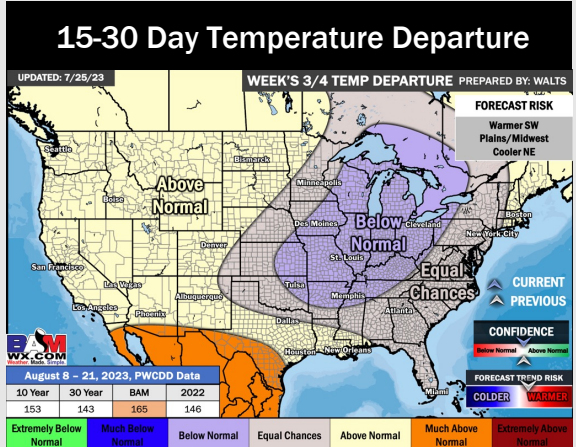
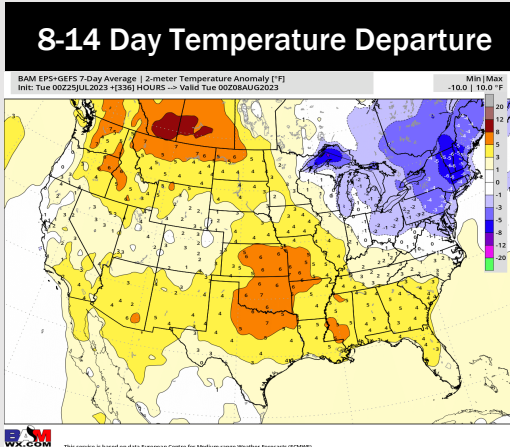
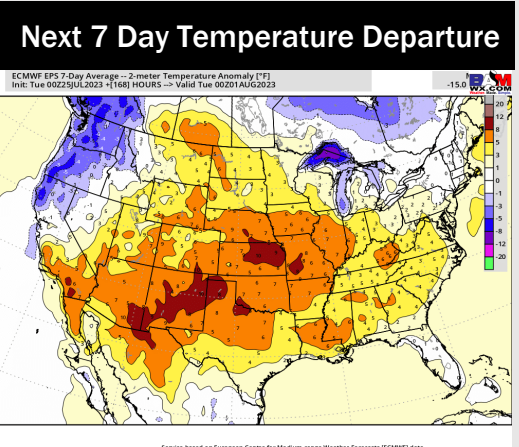


Wind Speed:
6 PM CT



High Temps
Friday

Houston Pilots: 7/26/23



- Above normal temperatures are favored over the next week. Anticipating low-end rain chances to be possible for the area over the next few days.
- Expecting normal precipitation chances and above normal temperatures for the week 2 timeframe.
- Above normal temperatures and below normal chances for precipitation are favored in the weeks 3/4 timeframe.