

Houston Pilots Forecast Package

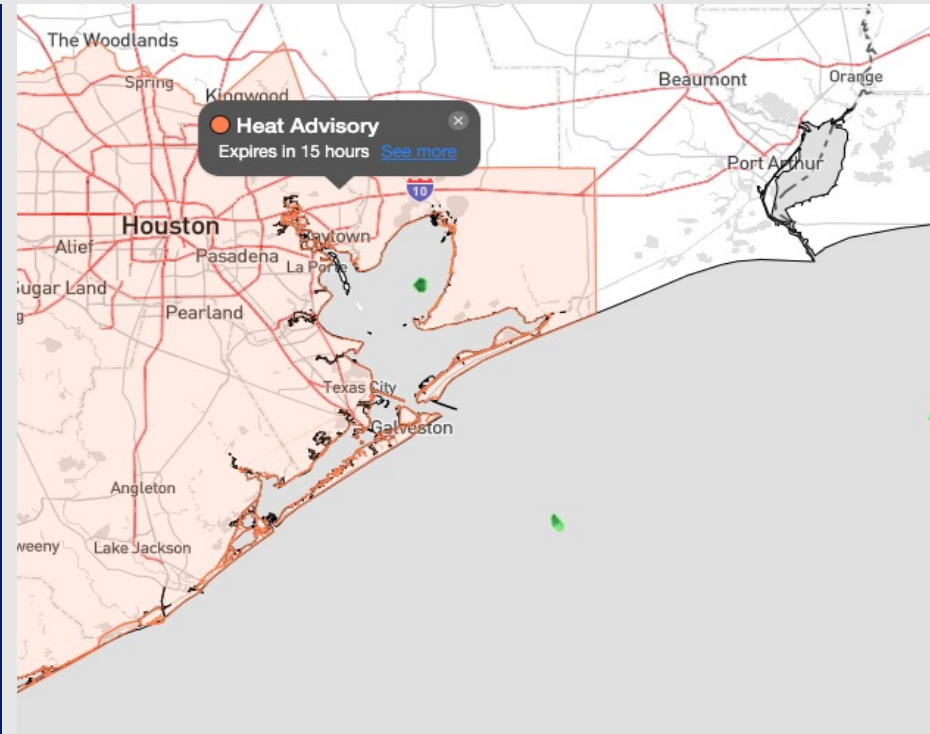


Updated: 5:30 AM CT
Monday, July 24, 2023

Forecaster: Xander Lowry

Weather Headlines

- Mostly dry conditions will continue through the early to mid week.
- Excessive heat concerns (90+ F) to continue throughout at least next week.
- No active tropical threats to SE TX at this time.
- Low end risk for patchy fog will be possible Tuesday morning.



Radar/NWS Alerts: 5:30 AM CT



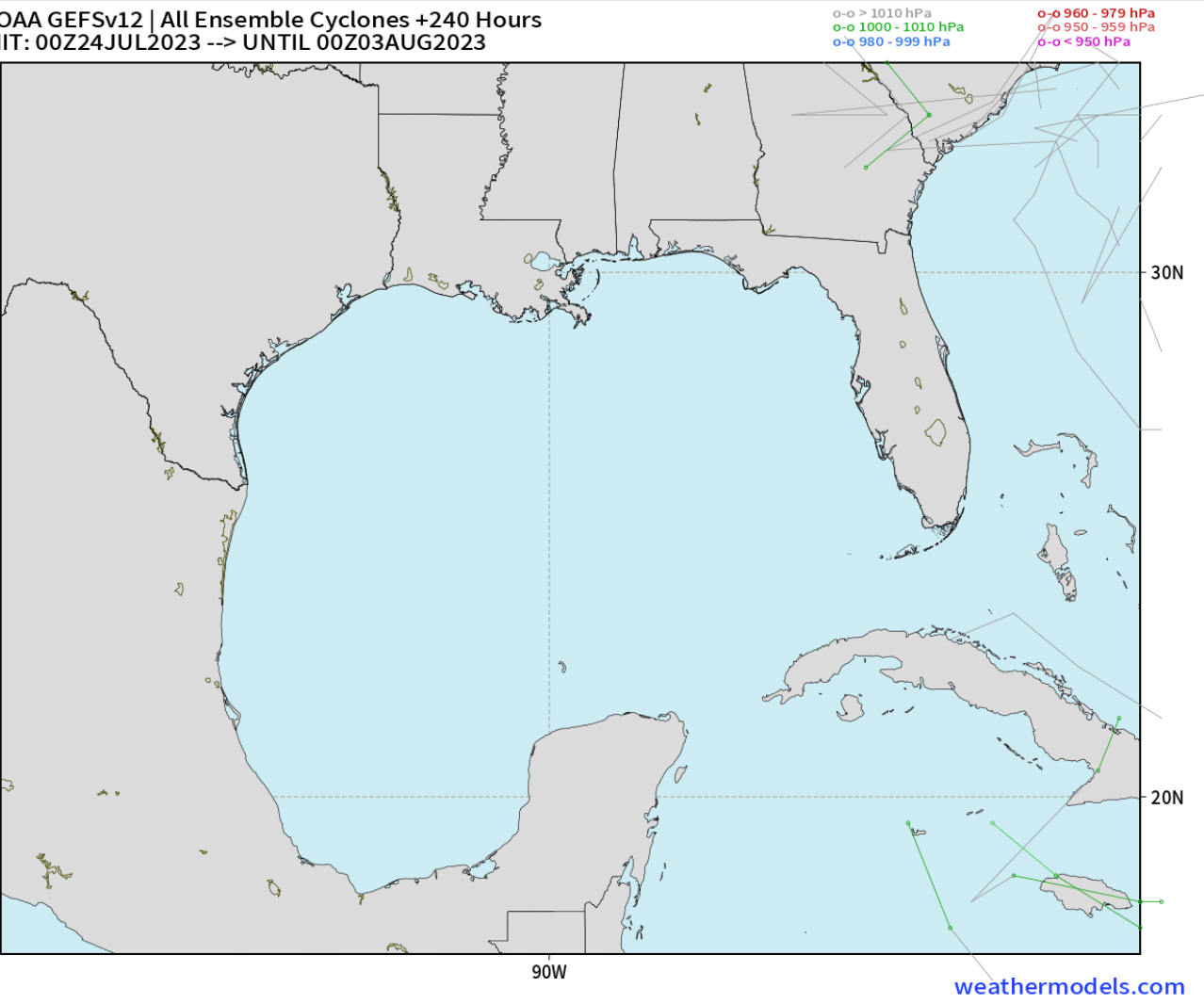
As always, please do not hesitate to reach out to us with any forecast questions via the chat option on the Weather Porthole or our on-call number, **(317)-560-8122** press 1 for forecast questions.

Houston Pilots Tropical Update



American Model Low Pressure Tracks Next 10-Days

NOAA GEFSv12 | All Ensemble Cyclones +240 Hours
INIT: 00Z24JUL2023 --> UNTIL 00Z03AUG2023



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	Mon 4am	Mon 5am	Mon 6am	Mon 7am	Mon 8am	Mon 9am	Mon 10am	Mon 11am	Mon 12pm	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	Tue 1pm	Tue 2pm	Tue 3pm			
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	10	8	7	5	7	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	10	8	7	5	8	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	10	8	8	6	8	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	10	10	9	8	8	8	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	10	10	8	8	8	8	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	10	10	9	8	8	8	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	9	8	8	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	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	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
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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	10	10
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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



Example

Sustained wind 13 Knots
Gusts 18 Knots
Wind from the N

WS: 13
G:18
N

Time Knots	Mon 4am	Mon 5am	Mon 6am	Mon 7am	Mon 8am	Mon 9am	Mon 10am	Mon 11am	Mon 12pm	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	Tue 1pm	Tue 2pm	Tue 3pm
610 Bridge	2	2	2	1	1	2	2	0	1	1	3	8	4	7	8	9	8	7	7	6	4	4	4	3	3	2	2	1	2	3	4	4	4	4	5	6
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Kinder 1	2	2	2	1	1	1	1	0	1	2	5	7	5	7	8	9	8	7	7	6	4	4	4	3	3	2	2	1	2	3	4	4	4	5	6	6
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Greens Bayou	1	1	2	1	2	1	1	0	1	3	8	5	7	8	9	8	7	7	5	4	4	4	3	3	2	2	1	2	3	4	4	5	5	6	7	9
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Shell Crude	1	1	2	1	2	1	1	1	2	4	8	6	8	8	9	9	8	7	6	5	5	4	4	3	2	2	1	2	3	4	4	5	5	6	7	9
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Lynchburg Ferries	1	1	2	2	2	1	1	1	2	5	9	7	9	9	10	10	8	8	7	6	5	4	4	4	3	2	2	3	3	4	5	6	7	8	10	10
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Exxon 3	1	1	2	2	2	2	2	3	4	6	7	8	10	10	9	10	9	8	7	6	5	5	4	4	3	3	3	3	3	4	5	6	7	9	11	11
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Morgans Point	0	1	2	2	2	2	3	3	5	7	8	10	11	11	10	12	10	9	8	7	6	6	6	5	4	4	3	3	4	4	5	6	7	8	10	10
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1 & 2 Bravo	2	3	2	2	1	2	4	5	7	8	9	10	10	10	9	9	9	8	8	7	7	7	6	5	4	4	4	4	4	3	4	4	5	6	7	8
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Houston Pilots: Mon. 7/24/2023



Forecast Discussion

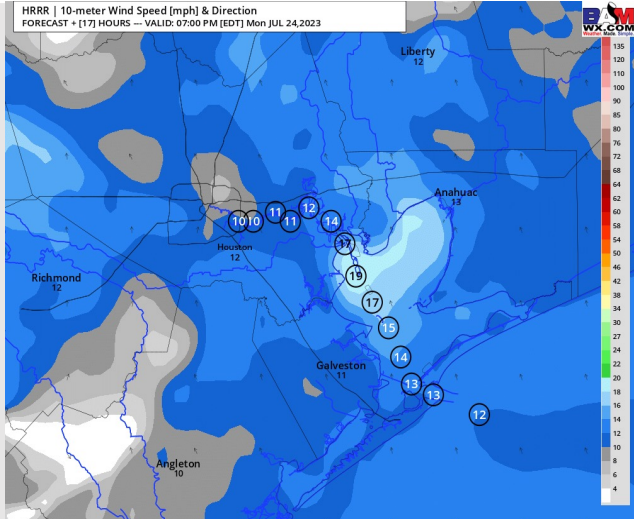
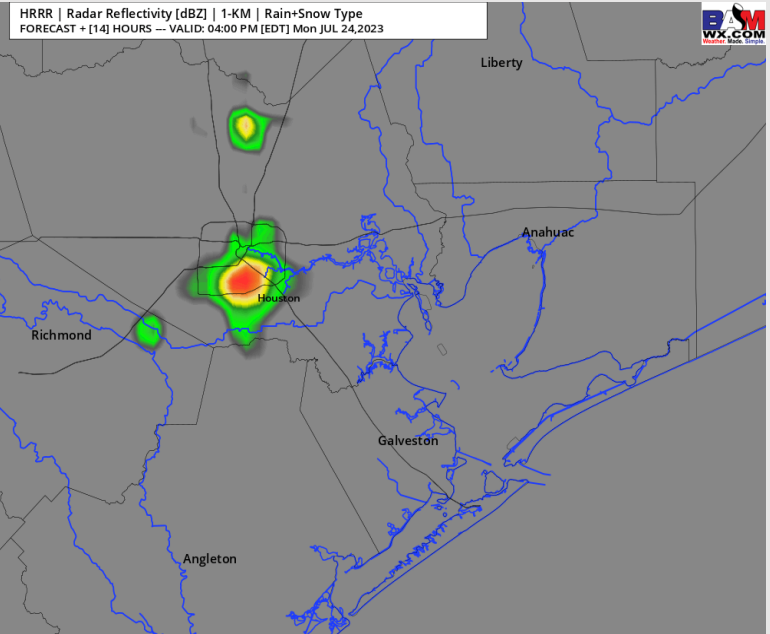
Precip: Favoring mostly dry conditions for today, aside from a 20% chance for isolated showers between 2-6 PM.

Wind: Winds will be variable until 1 PM, after 1 PM winds will be out of the S/SW for the rest of the day. Winds will be 2-7 kts for Stations N of Morgan's Point through 5 PM. After 5 PM winds will slightly increase to 8-13 kts for the remainder of the evening. Winds S of Morgan's Point will be at 3-8 kts until 2 PM. After 2 PM, winds will increase to 11-16 kts for the rest of the day.

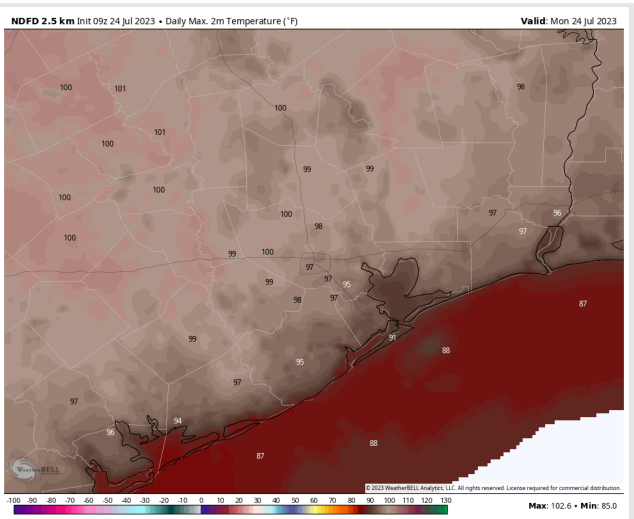
Temps: High temps today will be in the upper 80s F for the Boarding Station, low/mid 90s F for all other Stations S of Morgan's Point and upper 90s N of Morgan's Point.

Visibility: Not anticipating any visibility concerns at this time.

Precip Image: 3 PM CT



Wind Speed:
6 PM CT



High Temps
Today

Houston Pilots: Tue. 7/25/2023



Forecast Discussion

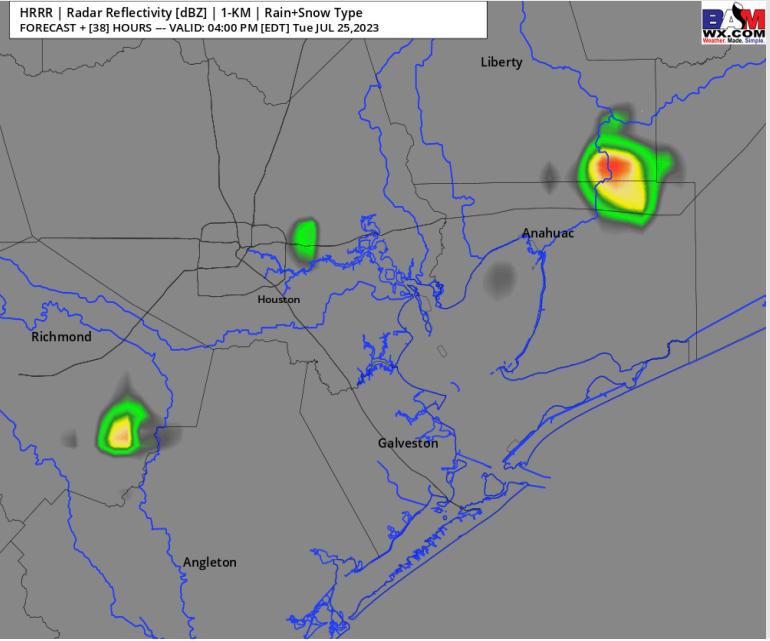
Precip: Favoring mostly dry conditions throughout the day, aside from a 10-20% chance for scattered showers between 2-6 PM.

Wind: Winds will be from the S/SW until 1 PM. Then after 1 PM winds will be out of the SE/S for the rest of the day. Winds for Stations N of Morgan's Point will be at 2-7 kts until 4 PM. Winds for Stations S of Morgan's Point will be at 8-13 kts until 3 AM, at which time winds will calm to 2-7 kts until 2 PM. After 2 PM, winds for all stations will increase to 14-19 kts for the remainder of the evening.

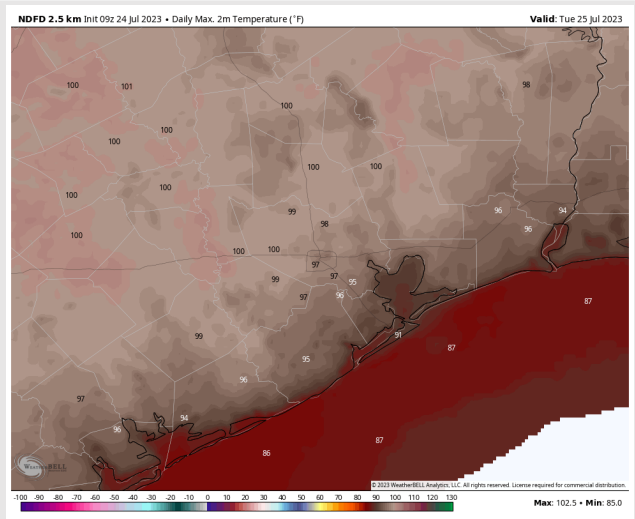
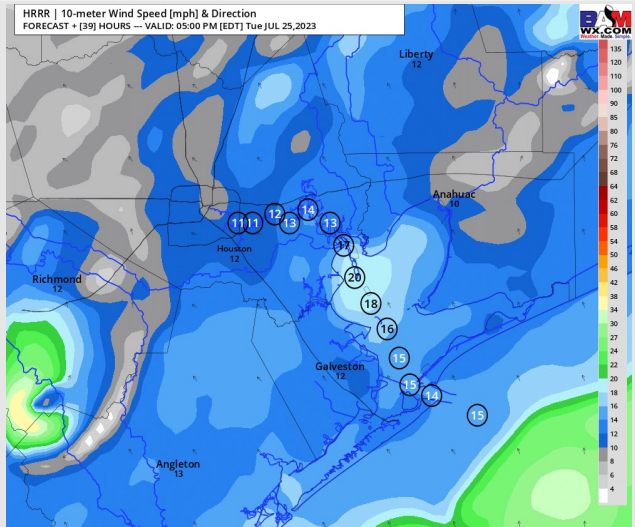
Temps: High temps Tuesday will be in the mid 80s F for the Boarding Station, low/mid 90s F for all other Stations S of Morgan's Point, and upper 90s N of Morgan's Point.

Visibility: A low-end risk for patchy fog will be in play for Stations N of Morgan's Point between 4 AM – 8 AM, however visibilities are not expected to drop below 5 miles. Fog can be expected to clear by 8 AM.

Precip Image: 3 PM CT



Wind Speed:
4 PM CT



High Temps
Tuesday

Forecast Discussion

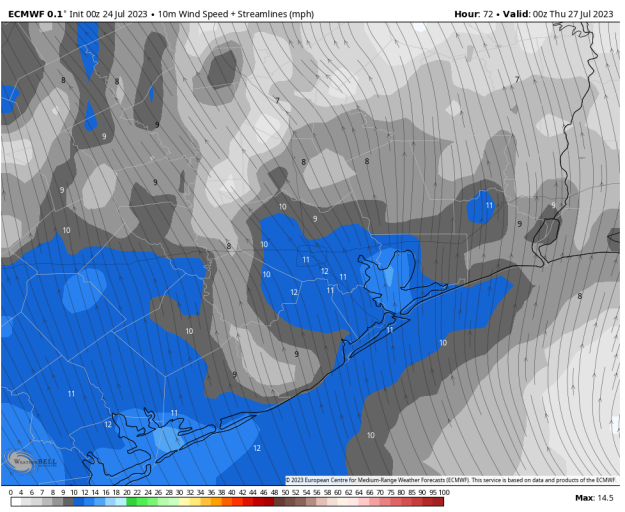
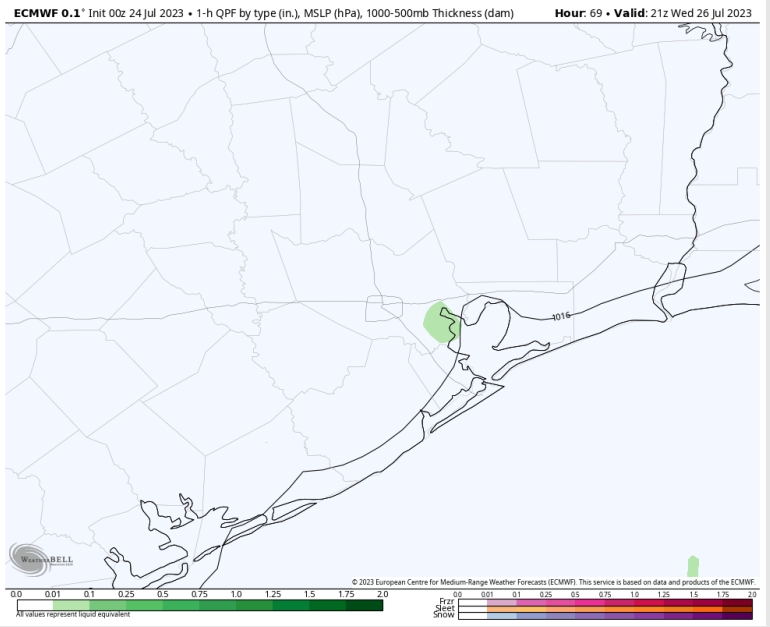
Precip: Favoring dry conditions for majority of the day Wednesday aside from a 10% chance for isolated showers between 3-5 PM.

Wind: Winds will be out of the W/SW throughout the day. Winds for Stations N of Morgan's Point will be at 2-7 kts until 7 PM, after which time they will increase to 5-10 kts for the remainder of the evening. Winds S of Morgan's Point will be at 7-12 kts until 10 AM, then calming to 3-8 kts until 3 PM, before picking back up to 7-12 kts for the remainder of the day.

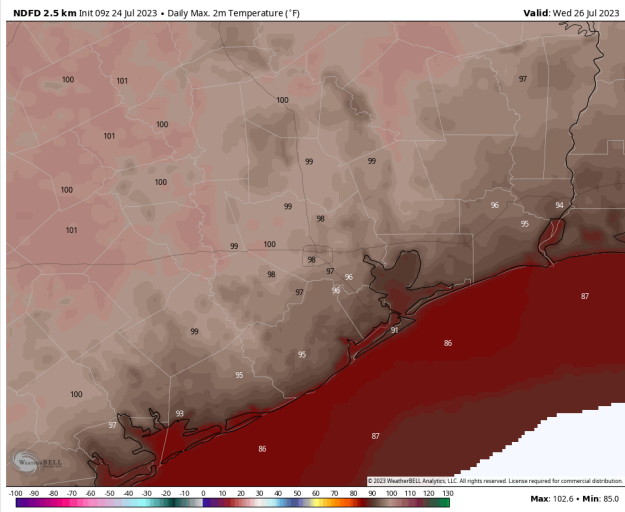
Temps: High temperatures Wednesday will be in the upper 80s F for the Boarding Station, low/mid 90s F for all other Stations S of Morgan's Point and in the upper 90s N of Morgan's Point.

Visibility: Not anticipating any visibility concerns at this time.

Precip Image: 4 PM CT

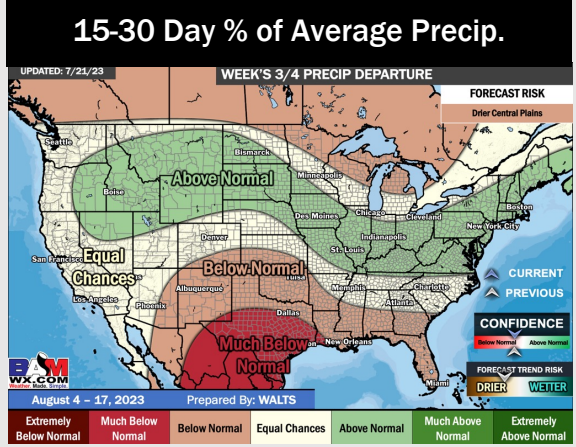
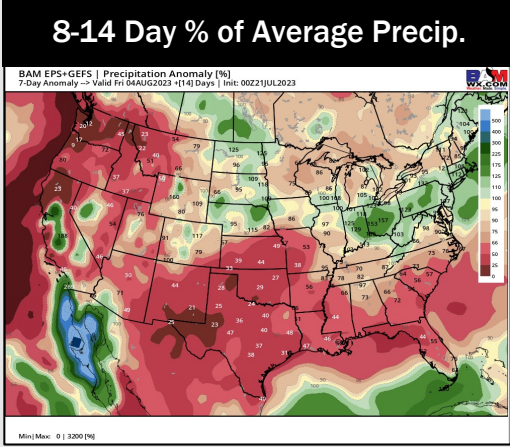
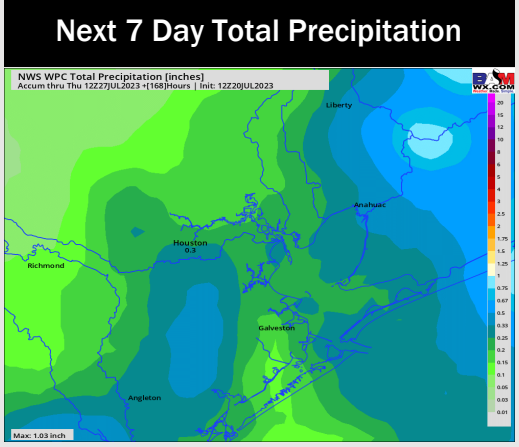
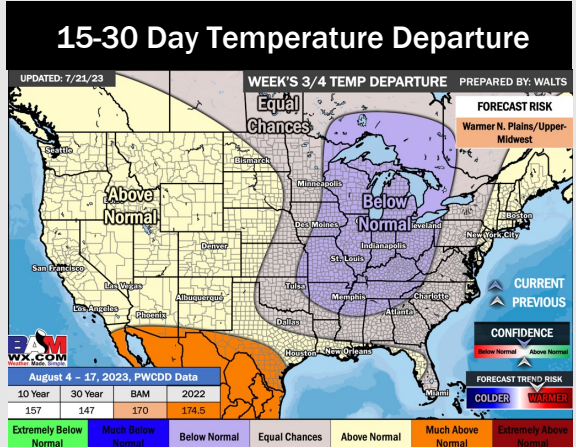
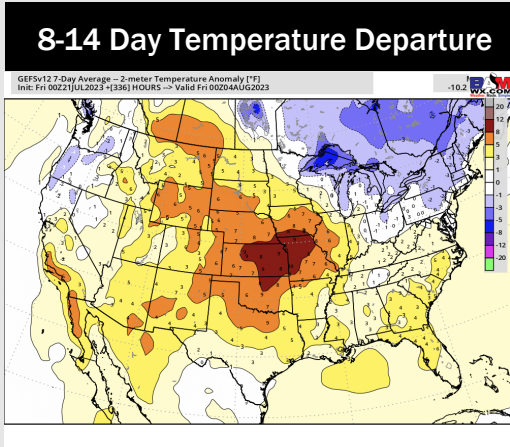
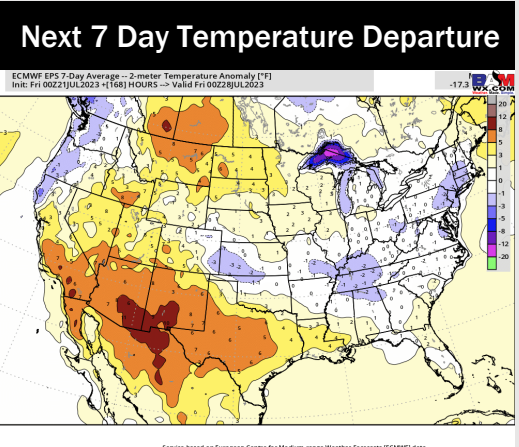


**Wind Speed:
7 PM CT**



**High Temps
Wednesday**

Houston Pilots: 7/24/23



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