

Houston Pilots Forecast Package

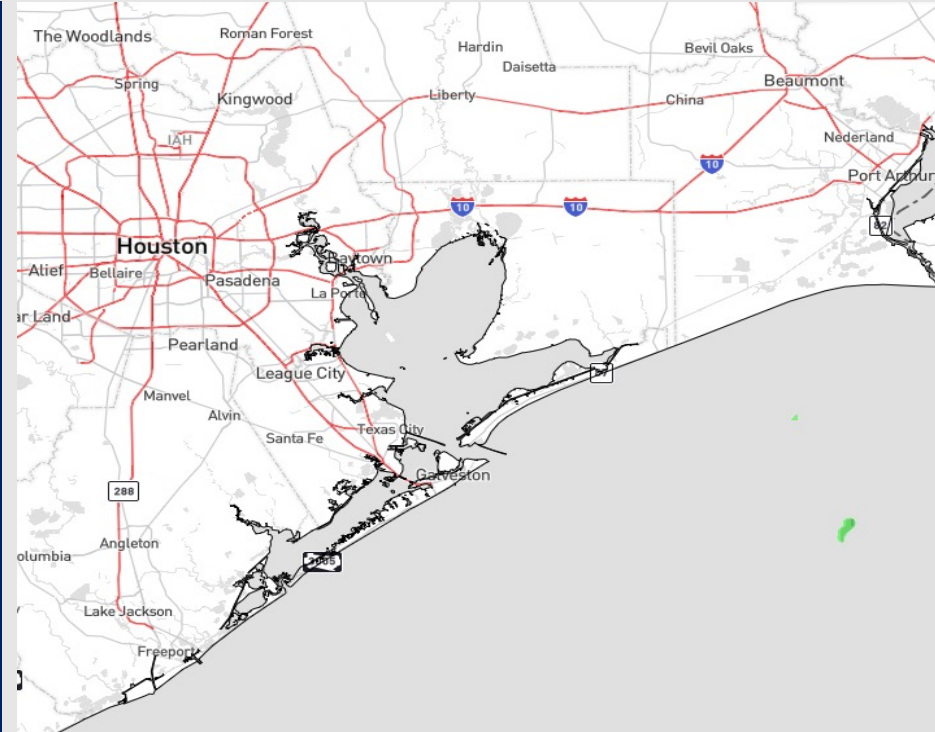


Updated: 4:50 AM CT
Monday, July 3, 2023

Forecaster: Xander Lowry

Weather Headlines

- Chances for scattered showers/thunderstorms return this week with the largest chances beginning Tuesday.
- Excessive heat concerns (90+ F) to continue throughout at least next week.
- No active tropical threats to SE TX at this time.
- No signals for fog impacting stations moving forward.



Radar/NWS Alerts: 4:50 AM CT



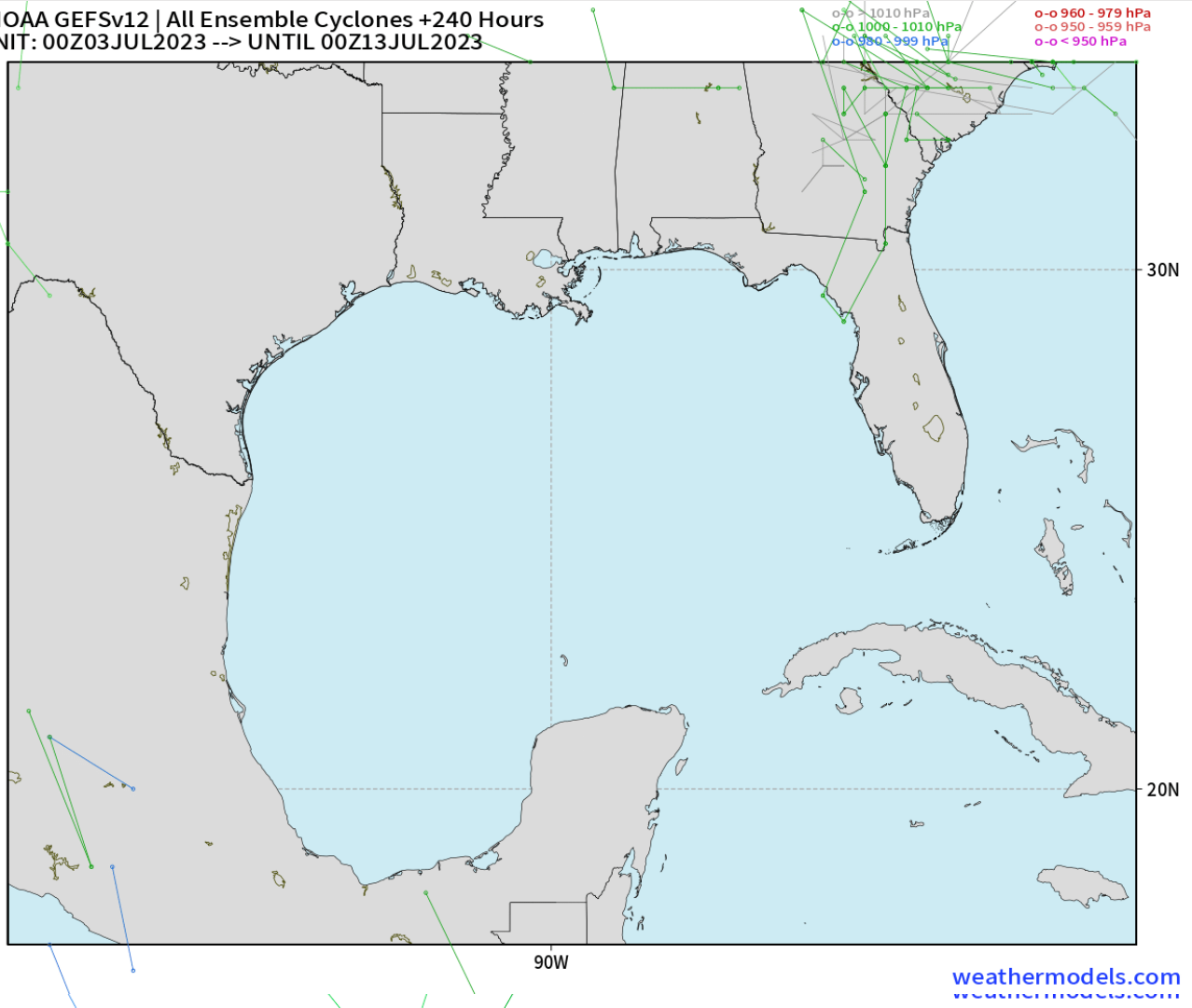
As always, please do not hesitate to reach out to us with any forecast questions via the chat option on the Weather Porthole or our on-call number, **(317)-560-8122** press 1 for forecast questions.

Houston Pilots Tropical Update



American Model Low Pressure Tracks Next 10-Days

NOAA GEFSv12 | All Ensemble Cyclones +240 Hours
INIT: 00Z03JUL2023 --> UNTIL 00Z13JUL2023



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)



Time	Mon 3am	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
610 Bridge	10	10	10	10	9	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
Kinder 1	10	10	10	10	9	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
Greens Bayou	10	10	10	10	9	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
Shell Crude	10	10	10	10	9	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
Lynchburg Ferries	10	10	10	10	9	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
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
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
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
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
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
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
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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

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

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Forecast Discussion

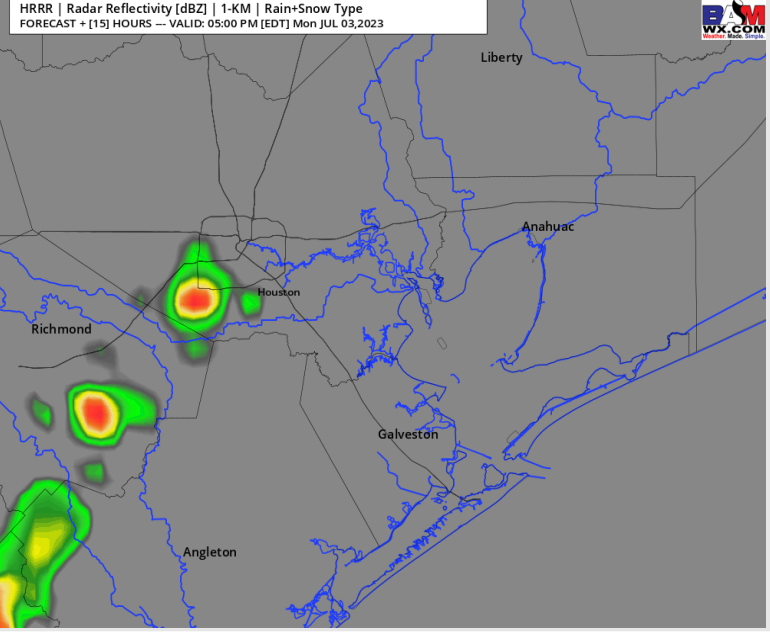
Precip: Favoring mostly dry conditions outside of a 10-20% chance for an isolated shower/storm between 7 AM – 7 PM with the largest risk coming after 3 PM. Better coverage for rain will lie to the west and north.

Wind: Winds will be out of the S/SE all day today. Winds will be at 2 – 7 kts for Stations N of Morgan’s Point through 4 PM. After 4 PM, winds N of Morgan’s Point will pick up to 6-11 kts for the rest of the day. Winds S of Morgan’s Point will be at 7 – 12 kts until 8 AM, before calming to 2 – 7 kts between 8 AM – 1 PM. After 1 PM, winds S of Morgan’s Point will pick back up to 11-16 kts for the rest of the day. **Wind gusts of 20-25+ kts will be possible under the strongest cells today.**

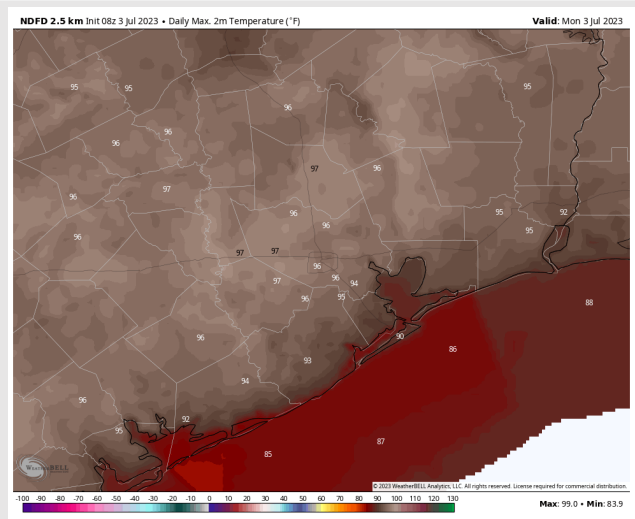
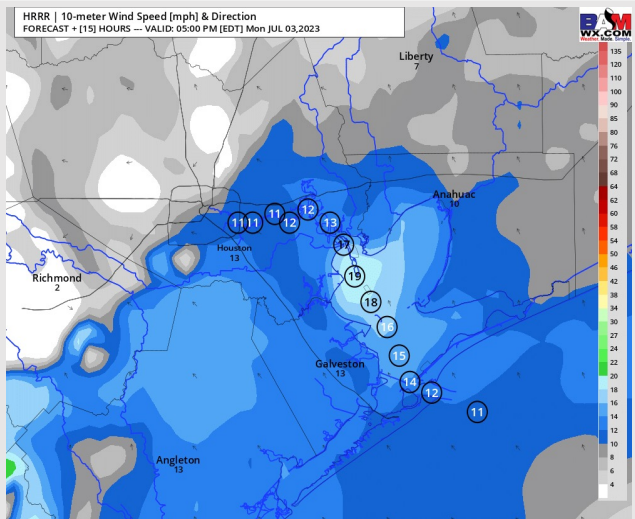
Temps: High temps will be in the mid 80s F at the Boarding Station, low/mid 90s F for other Stations S of Morgan’s Point and in the mid/upper 90s F N of Morgan’s Point.

Visibility: Not anticipating any visibility concerns at this time.

Precip Image: 4 PM CT



**Wind Speed:
4 PM CT**



**High Temps
Today**

Houston Pilots: Tues. 7/4/2023



Forecast Discussion

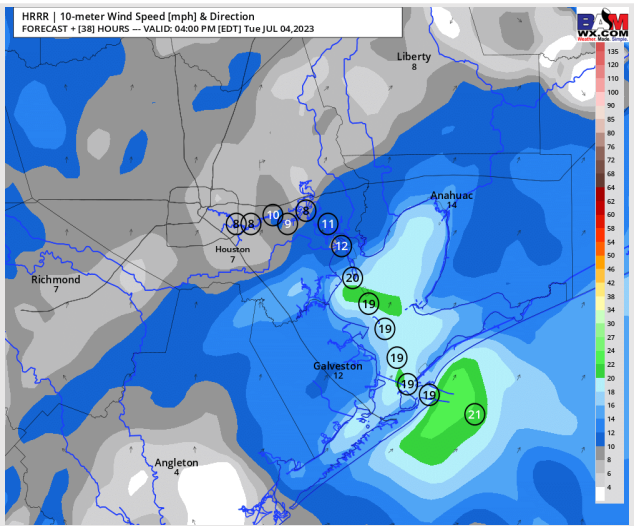
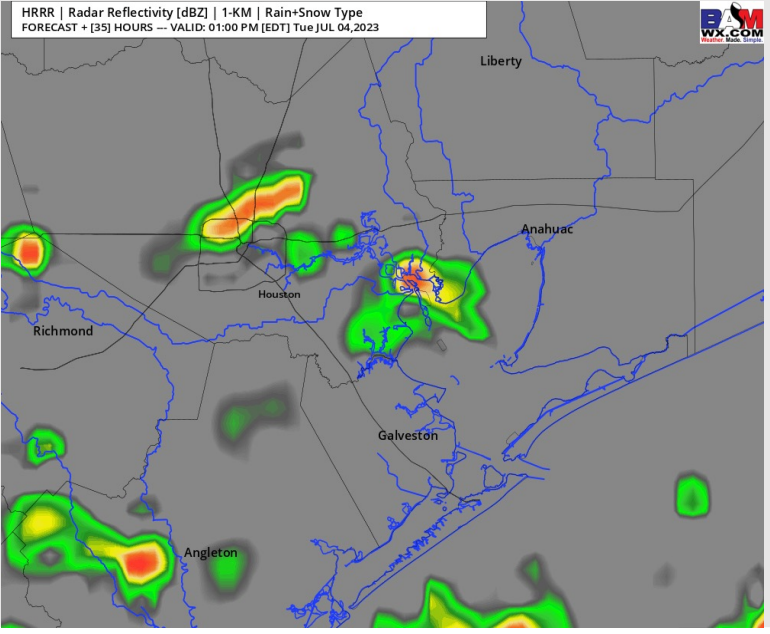
Precip: A slight risk (40-50%) of scattered thunderstorms is possible Tuesday between 8 AM – 4 PM with the largest risk coming between 11 AM – 2PM . Better coverage for thunderstorms will be to the west and north.

Wind: Winds will be out of the S/SW throughout the day Tuesday. Winds N of Morgan’s Point will be at 3- 8 kts all day today. Stations S of Morgan’s Point will see winds of 8 – 13 kts until 10 AM when then winds will decrease down to 3 - 8 kts until 2 PM. After winds will pick up to 10-15 kts for the rest of the day. **Gusts of 20-25 kts will be possible under the strongest cells Tuesday.**

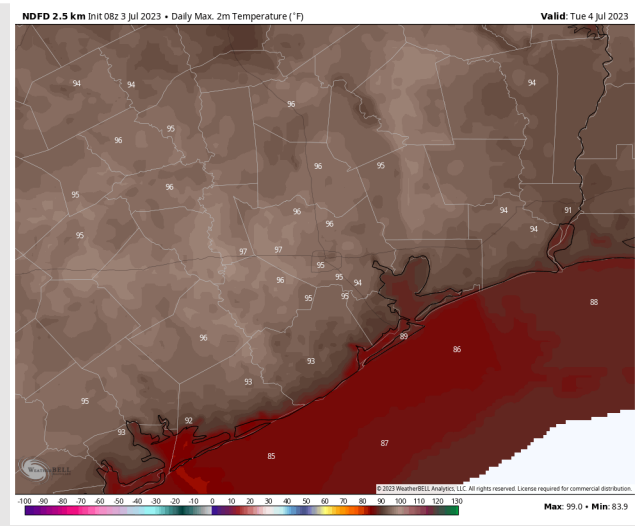
Temps: High temps on Tuesday will be in the mid 80s F at the Boarding Station, low/mid 90s F for other Stations S of Morgan’s Point and mid 90s N of Morgan’s Point.

Visibility: Not anticipating any visibility concerns at this time.

Precip Image: 12 PM CT



Wind Speed:
3 PM CT

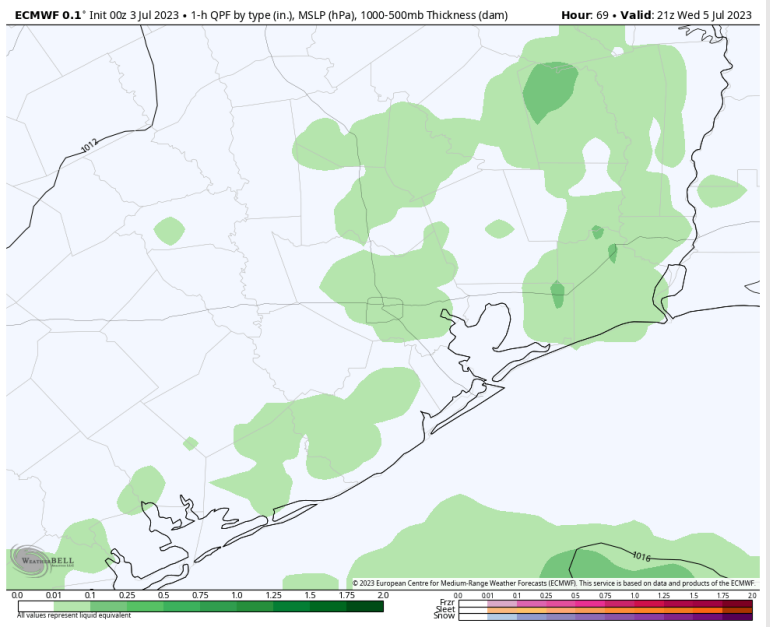


High Temps
Tuesday

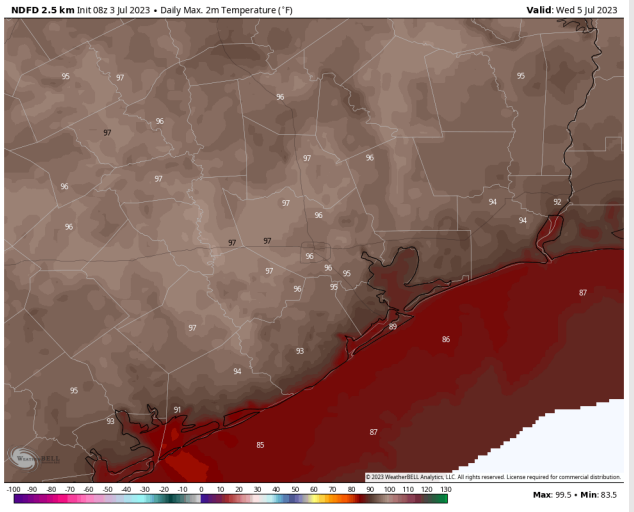
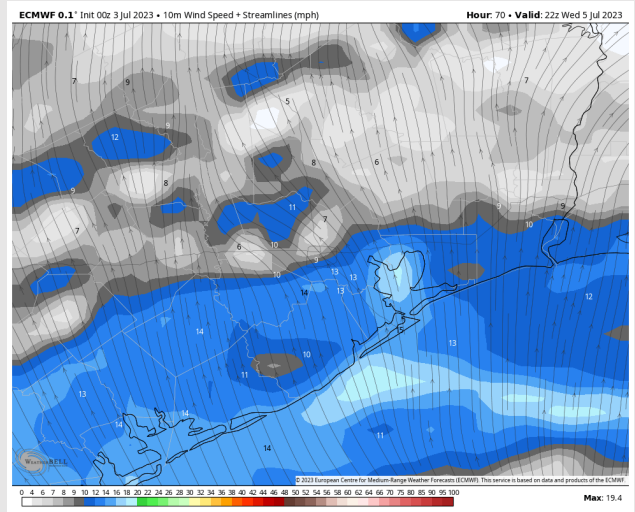
Forecast Discussion

- Precip:** Favoring mostly dry conditions throughout the morning Wednesday aside for a 10-20% chance for a few isolated showers before 12 PM. After 12 PM a 40-50% chance of scatter showers will exist through 7 PM.
- Wind:** Winds will be out of the S/SW throughout the day Wednesday. Winds will be at 2 – 7 kts for Stations N of Morgan’s Point through 6 PM. After 6 PM, winds N of Morgan’s Point will pick up to 7-12 kts for the rest of the day. Winds S of Morgan’s Point will be at 7 – 12 kts before 11AM, before calming to 4 – 9 kts between 11 AM – 4 PM. After 4 PM, winds S of Morgan’s Point will pick back up to 11-16 kts for the rest of the day.
- Temps:** Temps will be in the mid/upper 80s F for Stations S of Morgan’s Point and in the mid 90s F N of Morgan’s Point.
- Visibility:** Not anticipating any visibility concerns at this time.

Precip Image: 4 PM CT

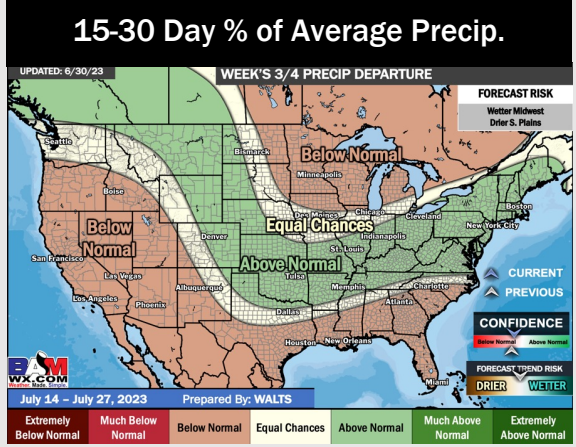
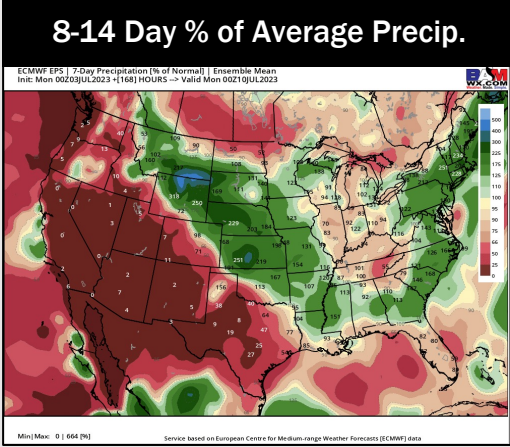
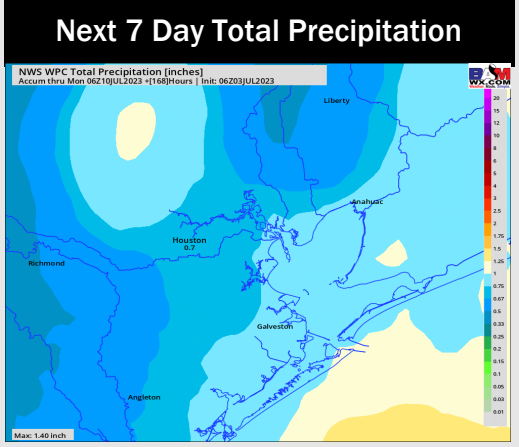
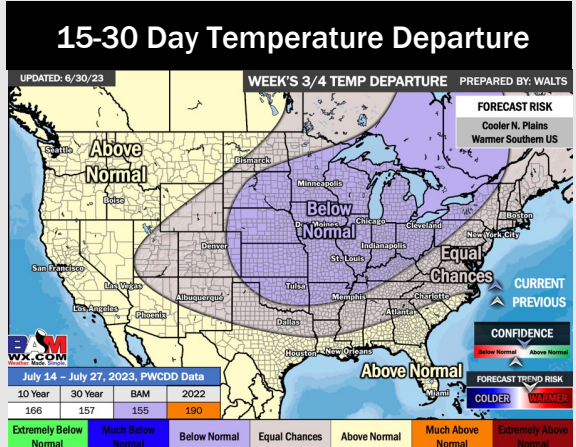
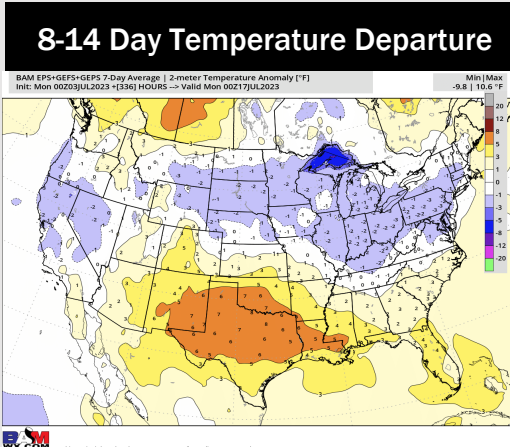
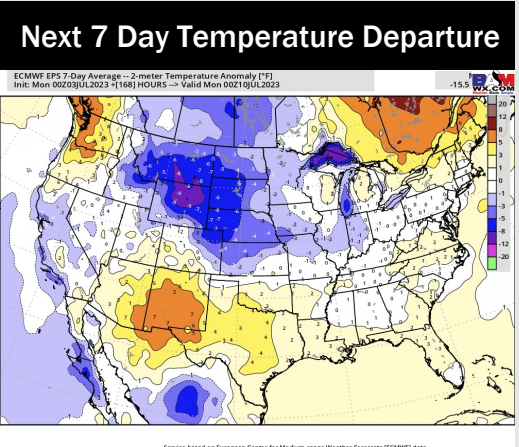


Wind Speed:
5 PM CT



High Temps
Wednesday

Houston Pilots: 7/3/23



- Slightly above normal temperatures are favored over the next week. Below normal precipitation chances are favored for the majority of this week, with a few low-end rain chances present.
- Expecting below normal precipitation chances and slightly above normal temperatures for the week 2 timeframe.
- Above normal temperatures and below normal chances for precipitation are favored in the weeks ¾ timeframe.