

Houston Pilots Forecast Package

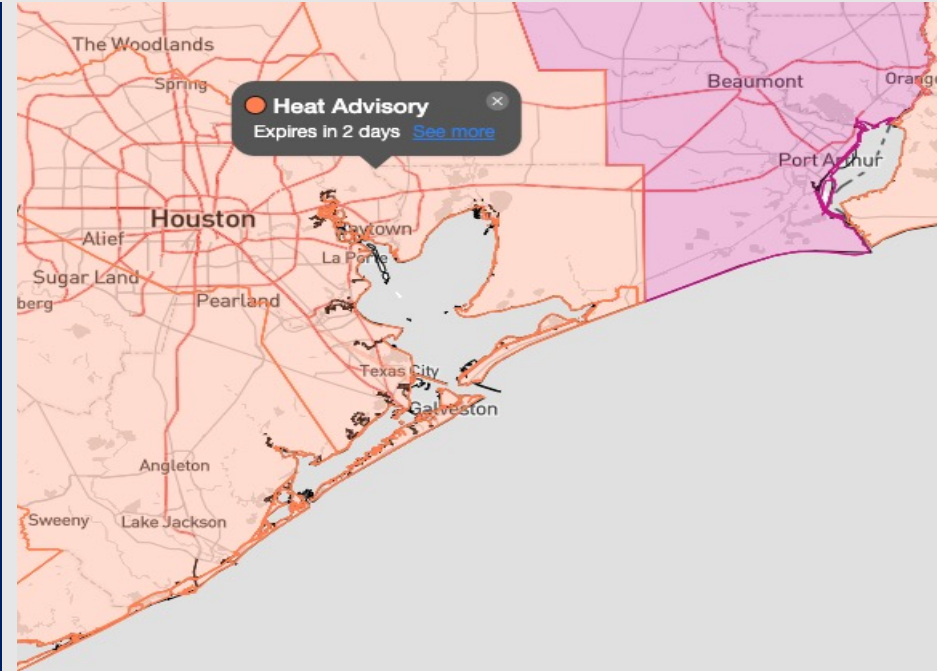


Updated: 4:35 AM CT
Tuesday, July 18, 2023

Forecaster: Xander Lowry

Weather Headlines

- Mostly dry conditions are favored through early/mid next week.
- Excessive heat concerns (90+ F) to continue throughout at least next week.
- No active tropical threats to SE TX at this time.
- Not anticipating any risks for fog going forward.



Radar/NWS Alerts: 4:35 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.

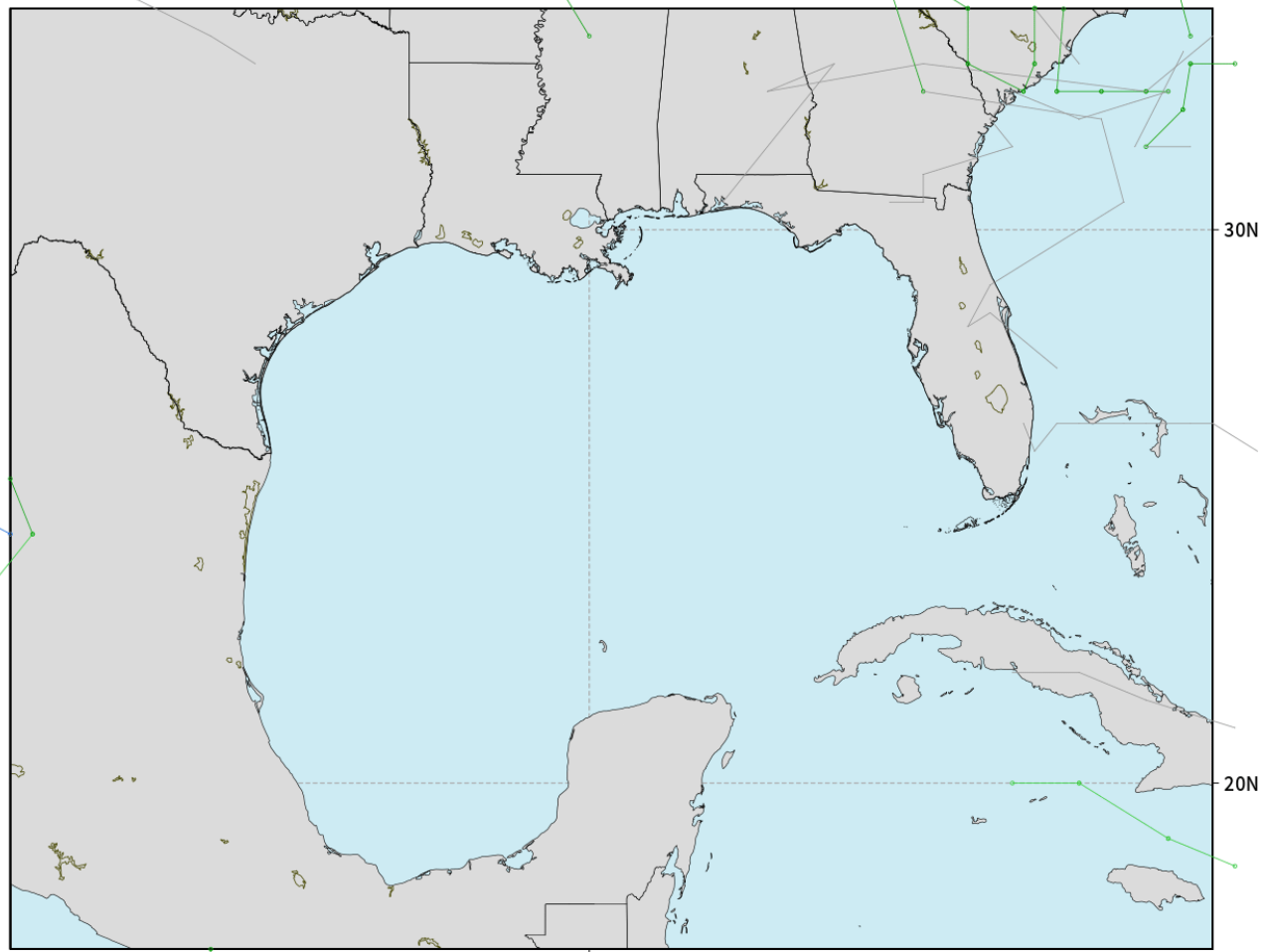
Houston Pilots Tropical Update



American Model Low Pressure Tracks Next 10-Days

NOAA GEFSv12 | All Ensemble Cyclones +240 Hours
INIT: 00Z18JUL2023 --> UNTIL 00Z28JUL2023

- 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



weathermodels.com

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	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	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	Wed 1pm	Wed 2pm		
610 Bridge	10	10	10	10	7	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	6	8	10	10	10	10	10	10		
Kinder 1	10	10	10	10	7	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	7	9	10	10	10	10	10	10		
Greens Bayou	10	10	10	10	7	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	7	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	7	10	10	10	10	10	10	10	10	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	7	10	10	10	10	10	10	10	10	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	7	10	10	10	10	10	10	10	10	10	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	7	10	10	10	10	10	10	10	10	10	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	7	10	10	10	10	10	10	10	10	10	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	7	10	10	10	10	10	10	10	10	10	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	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	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



Example

Sustained wind 13 Knots

Gusts 18 Knots

Wind from the N

WS: 13
G:18
N

Time Knots	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	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	Wed 1pm	Wed 2pm		
610 Bridge	3	3	3	2	3	5	7	5	4	3	3	3	4	7	10	10	11	10	9	10	9	8	8	7	6	6	5	5	5	5	6	7	6	6	6	6	6	
Kinder 1	10	8	10	8	9	13	10	7	6	4	4	4	6	9	14	13	14	15	14	15	14	12	12	10	9	8	8	7	8	10	9	8	10	9	8	9	9	
Greens Bayou	3	3	3	2	3	5	6	5	4	2	3	5	8	9	10	10	11	10	9	9	9	8	7	7	6	6	5	5	5	6	6	6	6	6	6	6	6	
Shell Crude	10	8	10	8	8	13	10	7	6	3	3	6	10	12	13	13	14	15	14	14	13	12	11	11	9	9	8	8	7	8	8	10	9	9	9	9	9	
Lynchburg Ferries	3	3	4	2	2	5	6	5	4	2	3	8	10	10	10	12	12	11	10	9	8	8	8	7	6	6	5	5	6	7	7	6	7	7	7	8	8	
Exxon 3	3	3	4	3	3	5	6	5	4	3	5	9	11	11	11	13	13	12	11	11	10	9	9	8	8	7	6	6	6	6	7	7	7	7	7	7	8	
Morgans Point	5	5	6	5	5	6	7	5	4	5	8	11	13	13	12	14	14	13	12	11	10	10	10	9	8	8	8	7	7	8	7	8	7	8	8	10	10	
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1 & 2 Bravo	10	9	11	10	9	10	9	9	8	9	9	10	11	12	13	12	12	12	11	11	12	12	12	12	12	11	11	10	10	9	9	9	9	9	9	9	9	9

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Forecast Discussion

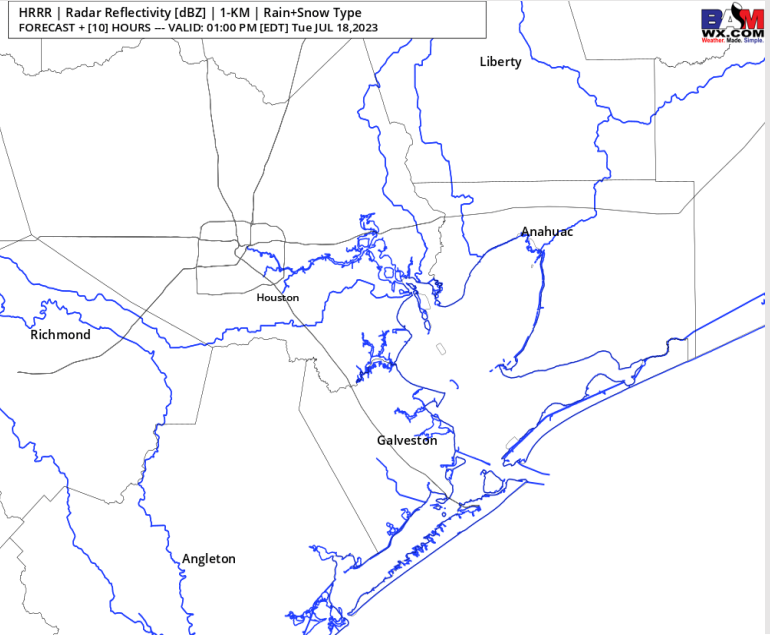
Precip: Favoring dry conditions throughout the day today.

Wind: Winds out of the S/ SW will be 5-10 kts for Stations N of Morgan's Point through 3 PM . After this time winds will slightly increase to 7-12 kts until 9 PM when then winds will decrease back down to 3-8 kts for the rest of the day. Winds S of Morgan's Point will be 8-13 kts through 11 AM when then winds will decrease to 5-10 kts until 1 PM. After 1 PM winds will increase to 15 -20 kts for the rest of the day. **Wind gusts of 17-21 kts are possible until 8 AM and again after 4 PM for all stations today.**

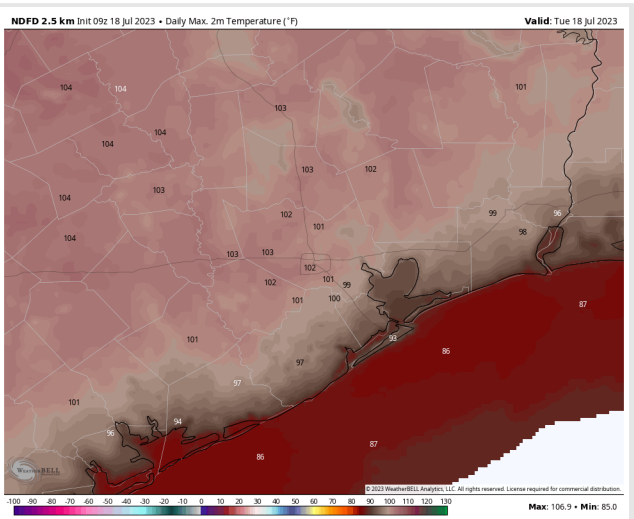
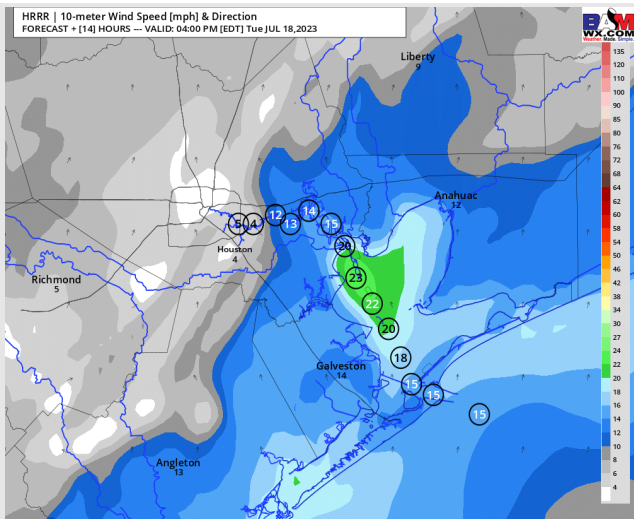
Temps: High temps today will be in the mid/upper 80s F for the Boarding Station, low/mid 90s F for all other Stations S of Morgan's Point and in the upper 90s/low 100s F N of Morgan's Point.

Visibility: Not anticipating any visibility concerns at this time.

Precip Image: 12 PM CT



Wind Speed:
3 PM CT



High Temps
Today

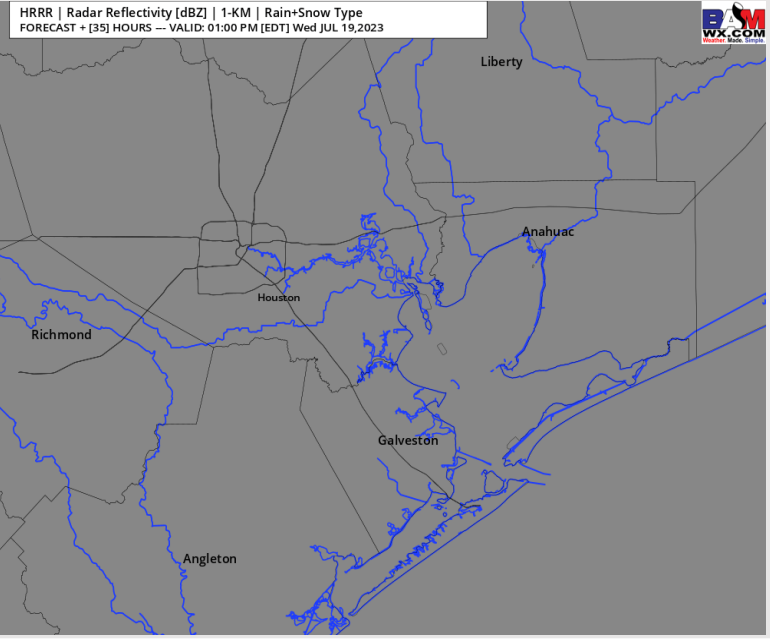
Houston Pilots: Wed. 7/19/2023



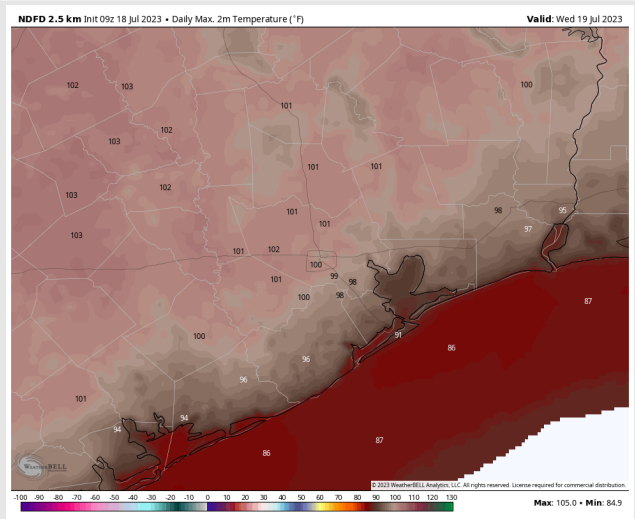
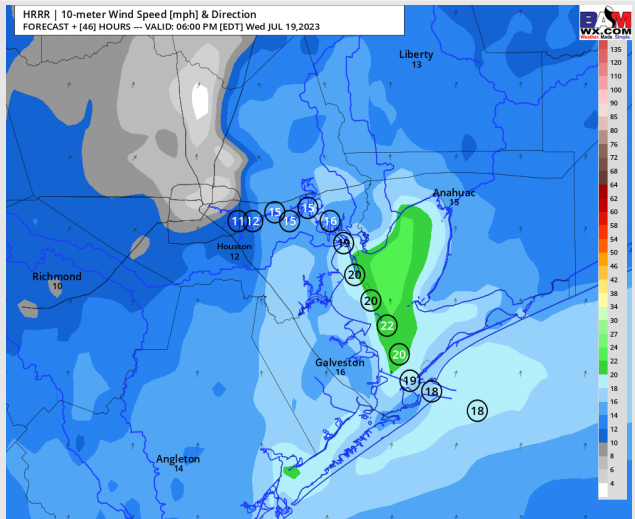
Forecast Discussion

- Precip:** Favoring dry conditions throughout the day Wednesday.
- Wind:** Winds will be out of the S/SW throughout the day. Winds for Stations N of Morgan's Point will be at 5-10 kts until 4 PM, after which time they will increase to 8-13 kts for the remainder of the evening. Winds S of Morgan's Point will be at 10-15 kts through 2 PM when then winds will pick up to 14 – 19 kts for the rest of the day. **Winds gusts of 18-23 kts are possible for all stations after 5 PM Wednesday.**
- Temps:** High temps 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 upper 90s F N of Morgan's Point.
- Visibility:** Not anticipating any visibility concerns for the rest of the day.

Precip Image: 12 PM CT



Wind Speed: 5 PM CT



High Temps Wednesday

Houston Pilots: Thur. 7/20/2023



Forecast Discussion

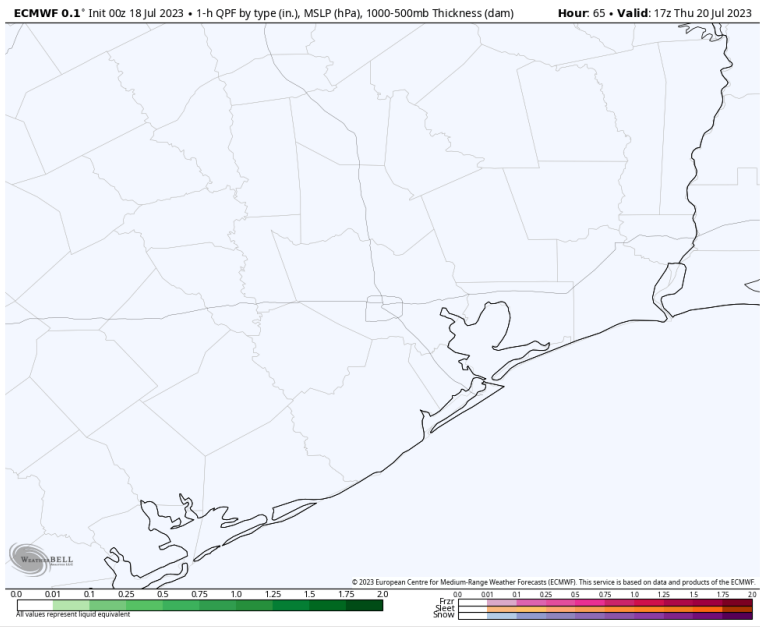
Precip: Favoring dry conditions throughout the day Thursday.

Wind: Winds will be out of the S/SW all day Thursday. Winds N of Morgan's Point will be at 4-9 kts, before increasing to 7-12 kts after 6 PM. Winds S of Morgan's Point will be 7-12 kts throughout the day Thursday. **Wind gusts of 16-21 kts will be possible after 4 PM for all stations.**

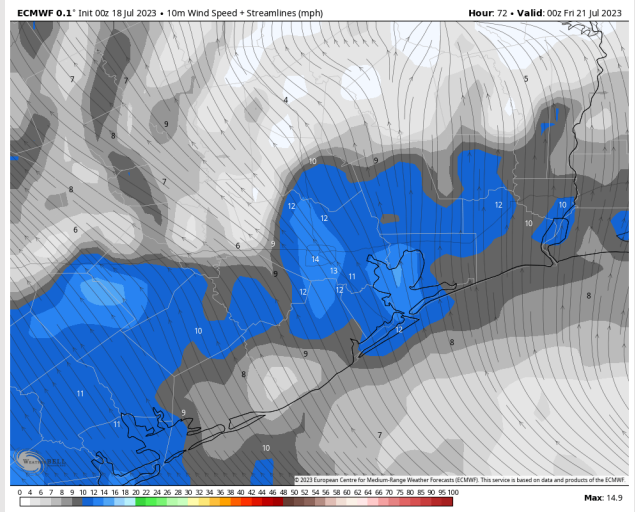
Temps: High temperatures Thursday will be in the mid/upper 80s F near the Boarding Station, in the low/mid 90s F for all other stations S of Morgan's Point, and in the upper 90s F for stations N of Morgan's Point.

Visibility: Not anticipating any visibility concerns at this time.

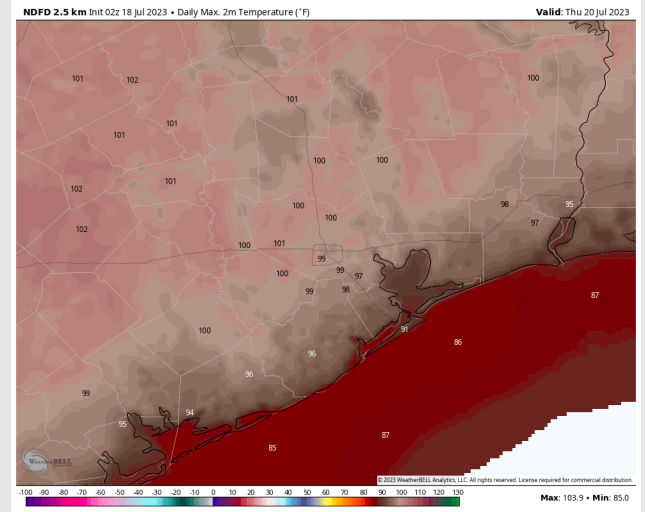
Precip Image: 12 PM CT



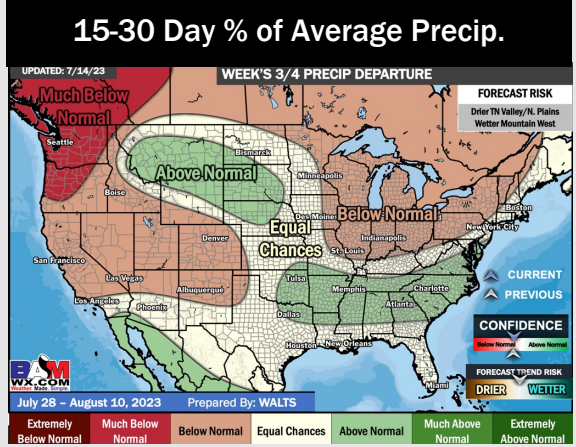
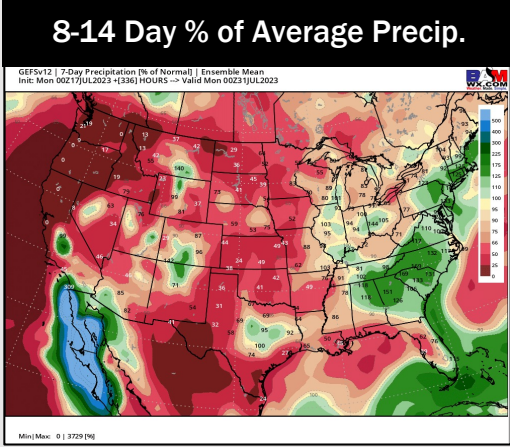
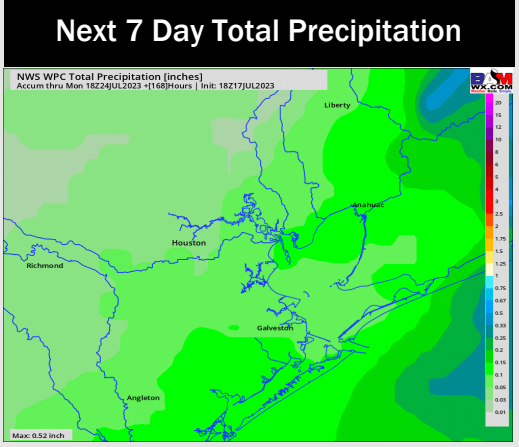
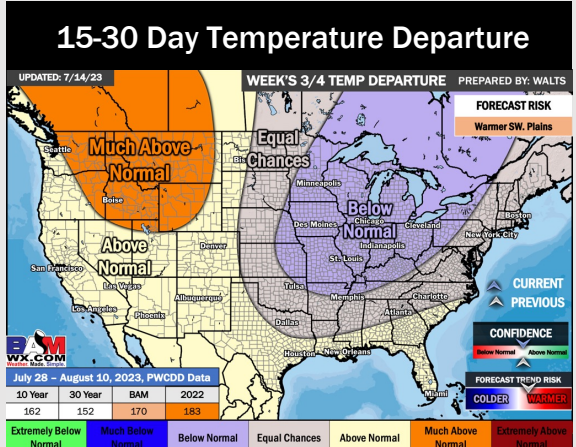
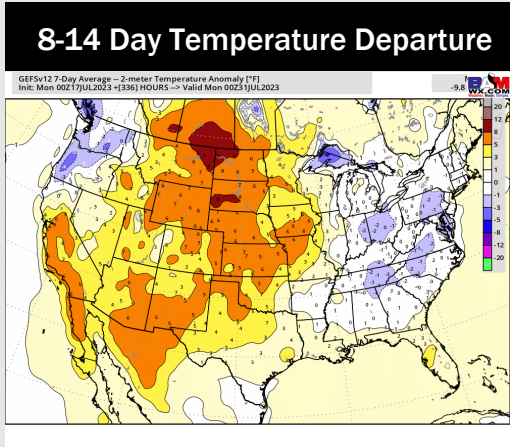
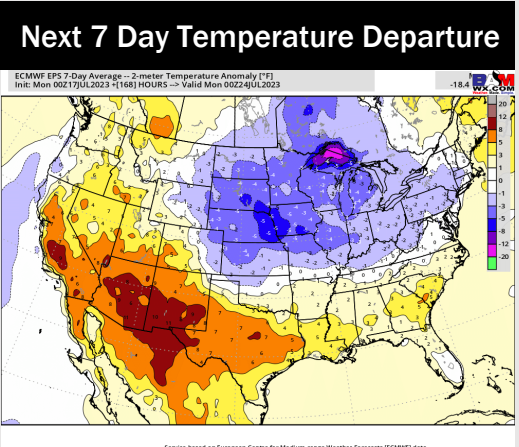
Wind Speed:
6 PM CT



High Temps
Thursday



Houston Pilots: 7/18/23



- Above normal temperatures are favored over the next week. Below normal precipitation chances are favored for this week.
- Expecting below normal precipitation chances and above normal temperatures for the week 2 timeframe.
- Above normal temperatures and seasonable chances for precipitation are favored in the weeks 3/4 timeframe.