

Houston Pilots Forecast Package

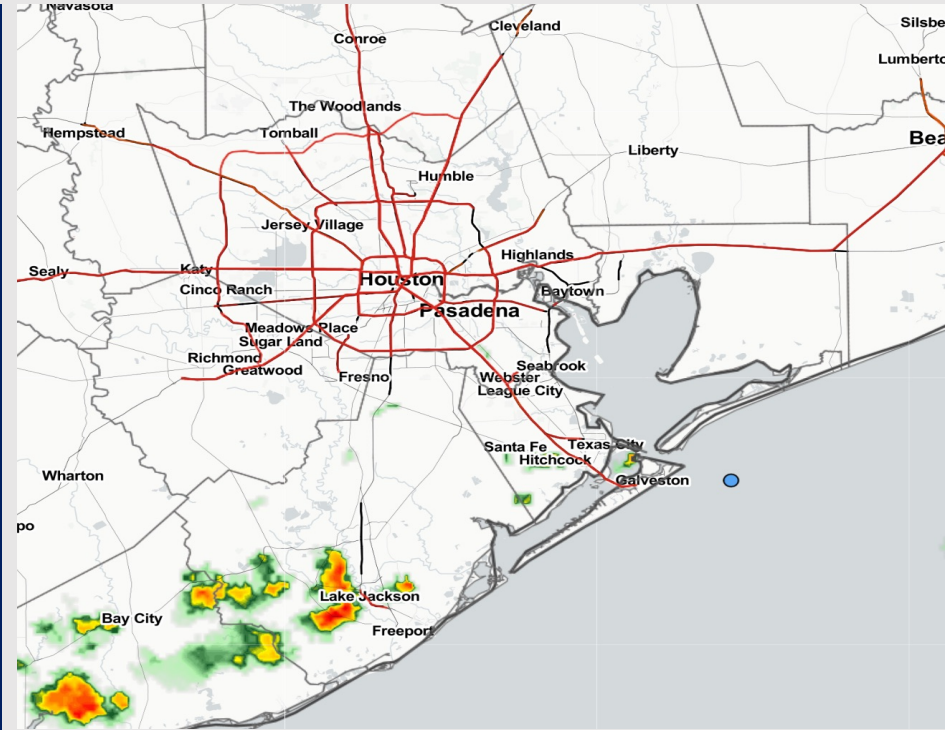


Updated: 12:10 PM CT
Thursday, July 27, 2023

Forecaster: Tyler Riggles

Weather Headlines

- Pop-up chances will continue to be possible over the next few days (low end 10% 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: 12:10 PM 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.

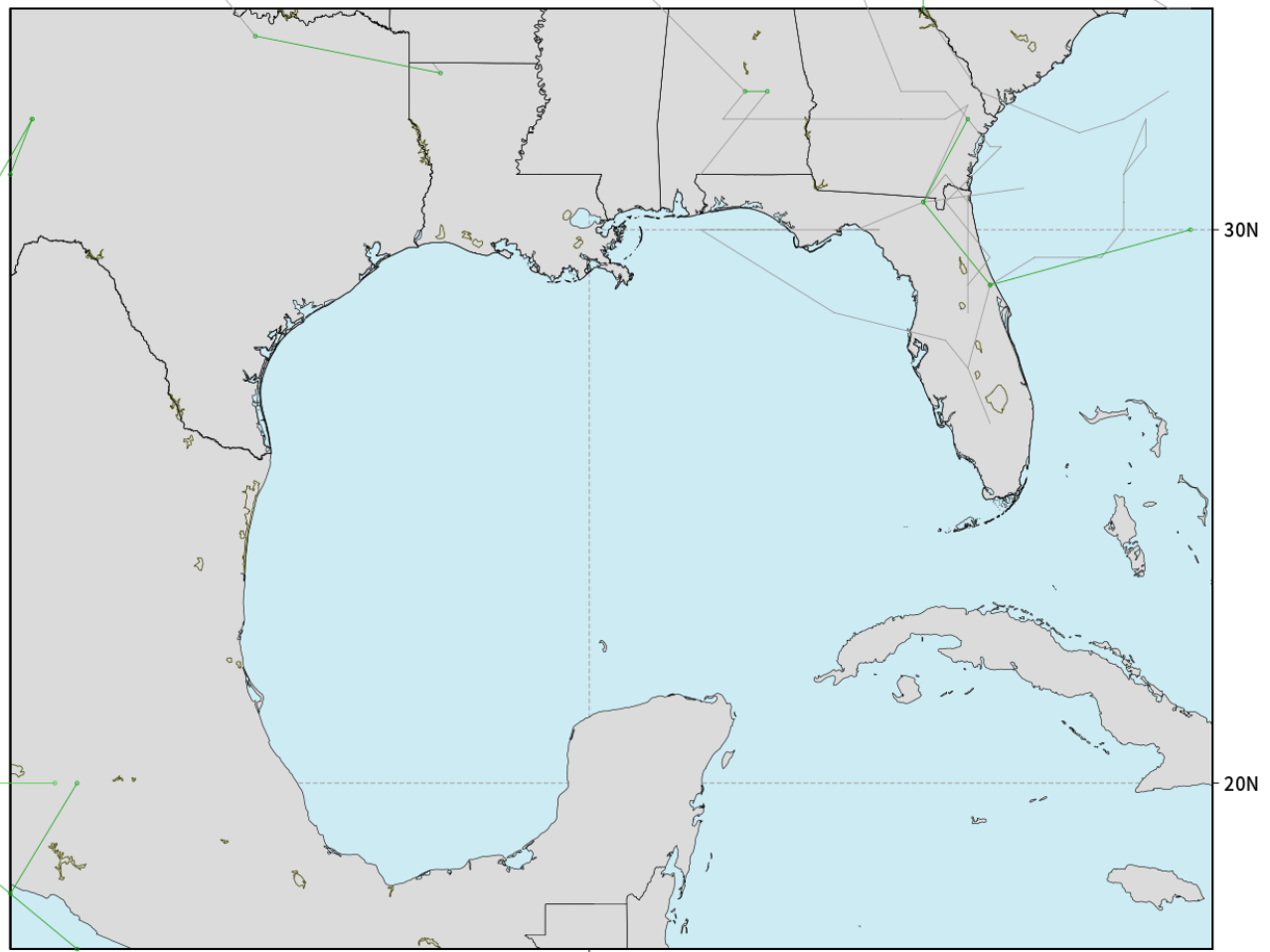
Houston Pilots Tropical Update



American Model Low Pressure Tracks Next 10-Days

NOAA GEFSv12 | All Ensemble Cyclones +240 Hours
INIT: 06Z27JUL2023 --> UNTIL 06Z06AUG2023

- 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



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	Thu 11am	Thu 12pm	Thu 1pm	Thu 2pm	Thu 3pm	Thu 4pm	Thu 5pm	Thu 6pm	Thu 7pm	Thu 8pm	Thu 9pm	Thu 10pm	Thu 11pm	Fri 12am	Fri 1am	Fri 2am	Fri 3am	Fri 4am	Fri 5am	Fri 6am	Fri 7am	Fri 8am	Fri 9am	Fri 10am	Fri 11am	Fri 12pm	Fri 1pm	Fri 2pm	Fri 3pm	Fri 4pm	Fri 5pm	Fri 6pm	Fri 7pm	Fri 8pm	Fri 9pm	Fri 10pm		
610 Bridge	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	7	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	7	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	8	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	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	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	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	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
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	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	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	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	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	Thu 11am	Thu 12pm	Thu 1pm	Thu 2pm	Thu 3pm	Thu 4pm	Thu 5pm	Thu 6pm	Thu 7pm	Thu 8pm	Thu 9pm	Thu 10pm	Thu 11pm	Fri 12am	Fri 1am	Fri 2am	Fri 3am	Fri 4am	Fri 5am	Fri 6am	Fri 7am	Fri 8am	Fri 9am	Fri 10am	Fri 11am	Fri 12pm	Fri 1pm	Fri 2pm	Fri 3pm	Fri 4pm	Fri 5pm	Fri 6pm	Fri 7pm	Fri 8pm	Fri 9pm	Fri 10pm			
610 Bridge	3	2	5	7	8	9	8	8	7	6	5	4	3	2	3	2	3	1	1	0	1	2	3	4	4	5	6	7	7	8	9	9	9	7	7				
Kinder 1	4	4	7	8	10	11	12	11	11	12	11	12	11	12	11	7	5	4	4	2	2	1	0	1	2	3	4	5	6	7	8	10	10	11	11	11	10	10	
Greens Bayou	4	5	8	9	10	12	11	11	12	11	12	11	12	11	7	5	4	4	2	2	1	1	2	3	4	5	6	7	8	10	10	11	11	11	11	10	10		
Shell Crude	5	6	8	9	12	13	12	12	11	12	11	11	11	8	5	5	4	2	2	2	3	4	5	5	6	7	8	10	11	12	11	12	11	11	10	10			
Lynchburg Ferries	5	6	7	8	9	10	10	9	9	7	5	4	4	3	2	4	4	3	2	2	2	3	3	4	5	6	7	8	9	10	10	10	10	9	8	7			
Exxon 3	6	6	7	9	9	10	10	10	9	7	6	4	4	4	3	5	4	4	3	2	2	2	3	3	4	5	6	7	8	9	11	12	13	13	13	12	11	10	
Morgans Point	6	6	7	9	11	12	11	11	10	9	8	6	6	6	6	6	5	4	4	3	3	3	3	3	4	5	6	7	9	10	11	12	12	12	12	11	9	8	
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51/52	5	6	9	11	13	13	13	12	12	10	10	9	9	10	10	7	6	6	4	3	3	4	4	5	6	7	9	10	11	12	13	14	14	14	12	11	10		
37/38	3	5	8	10	11	12	12	11	10	9	9	8	7	8	8	6	5	4	3	2	2	3	4	4	6	7	8	9	10	11	11	11	11	11	10	8	8		
25/26	4	6	8	9	11	11	10	9	8	8	6	6	7	7	6	5	4	3	2	2	3	3	3	4	6	7	8	9	9	9	9	9	9	9	8	7	7		
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1 & 2 Bravo	3	4	5	7	10	10	10	9	9	9	9	8	7	8	8	7	6	5	4	3	3	3	4	4	5	6	6	7	8	8	9	10	10	10	10	9	9	8	

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Forecast Discussion

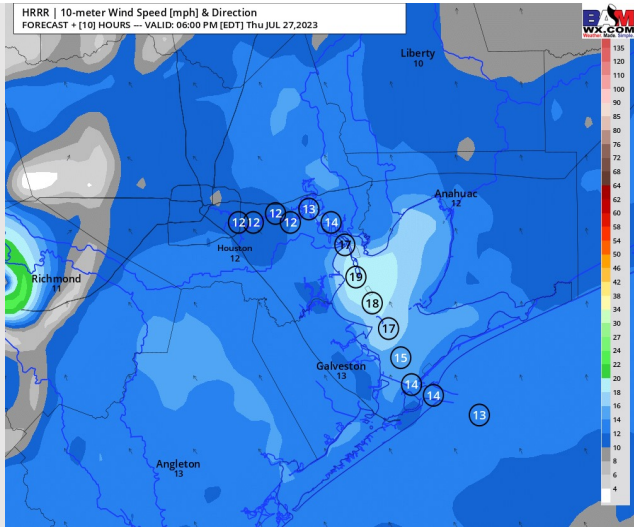
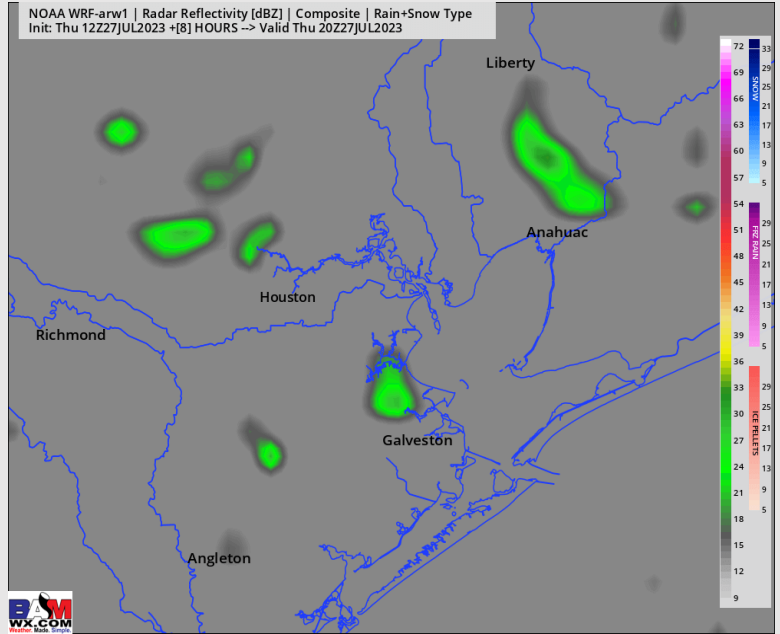
Precip: Favoring mostly dry conditions for the remainder of the day, aside from a 10% chance of isolated showers/thunderstorms between 2 - 7 PM. After 7 PM expect conditions to remain dry for the rest of the day.

Wind: Winds will be out of the S/SE 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 7 - 12 kts through 8 PM. After 8 PM winds will decrease down to 3-8 kts for the rest of the evening. For stations S of Morgan's point, winds will be 3 - 8 kts through 2 PM. After 2 PM winds will increase to 12-17 kts for the rest of the day.

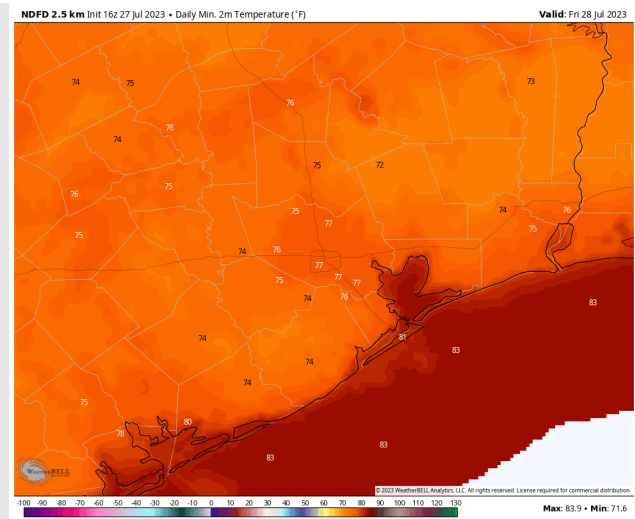
Temps: Low temperatures tonight will be in the low 80s F for Stations S of Morgan's Point and in the low/mid 70s F N of Morgan's Point.

Visibility: Not anticipating any visibility concerns at this time.

Precip Image: 3 PM CT



Wind Speed:
5 PM CT



Low Temps
Friday AM

Forecast Discussion

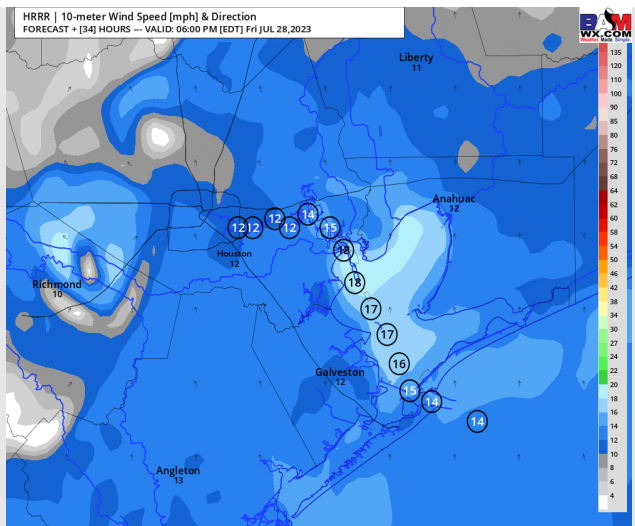
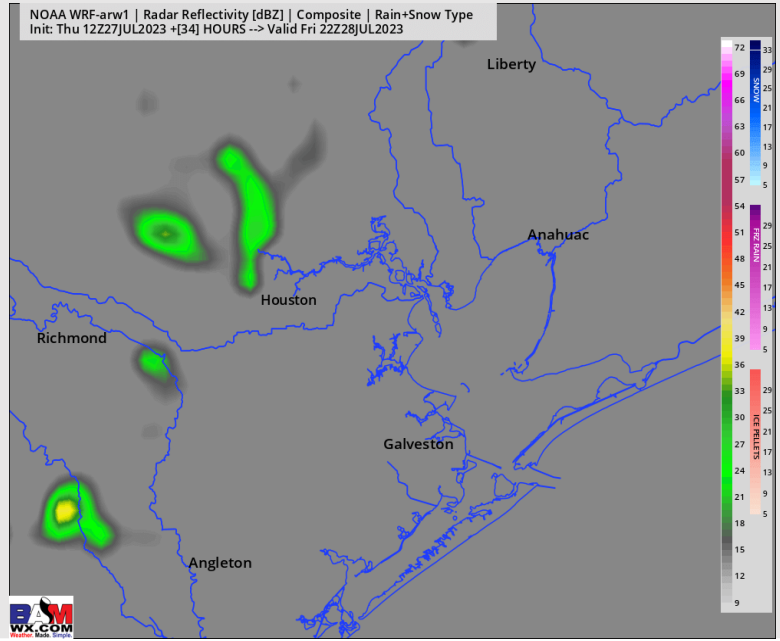
Precip: Anticipating dry conditions for the majority of the day Friday, with an isolated shower/thunderstorm (10%) possible for Stations S of Morgan's Point between 5 - 9 AM and for stations N of Morgan's point between 5 - 7 PM. After 7 PM expect conditions to remain dry for the rest of the evening.

Wind: Winds will be out of the SW during the morning Friday before shifting to out of the S/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 - 6 kts through 3 PM when then they will increase to 7-12 kts for the rest of the day. Winds south of Morgan's Point will be at 6 - 11 kts until 4 AM before decreasing to 2 - 7 kts through 1 PM. After 1 PM winds will increase to 12 - 17 kts for the rest of the day.

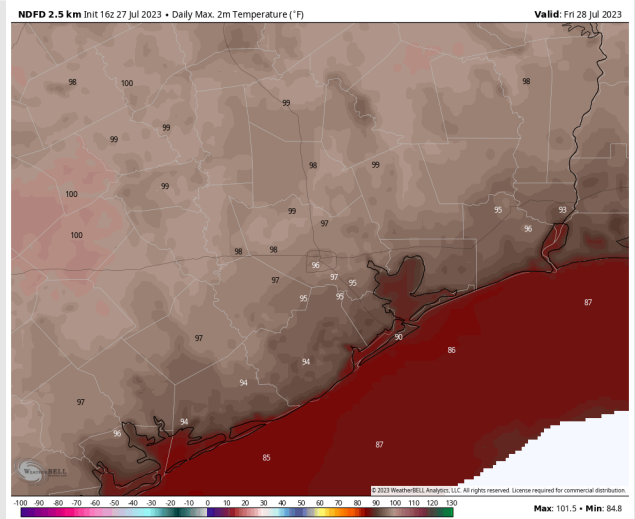
Temps: High temperatures Friday will be in the mid/upper 90s F north of Morgan's Point and in the lower 90s F south of Morgan's Point. The Boarding Station can expect temperatures in the upper 80s F.

Visibility: Not anticipating any visibility concerns at this time.

Precip Image: 5 PM CT



Wind Speed:
5 PM CT



High Temps
Friday

Houston Pilots: sat. 7/29/2023



Forecast Discussion

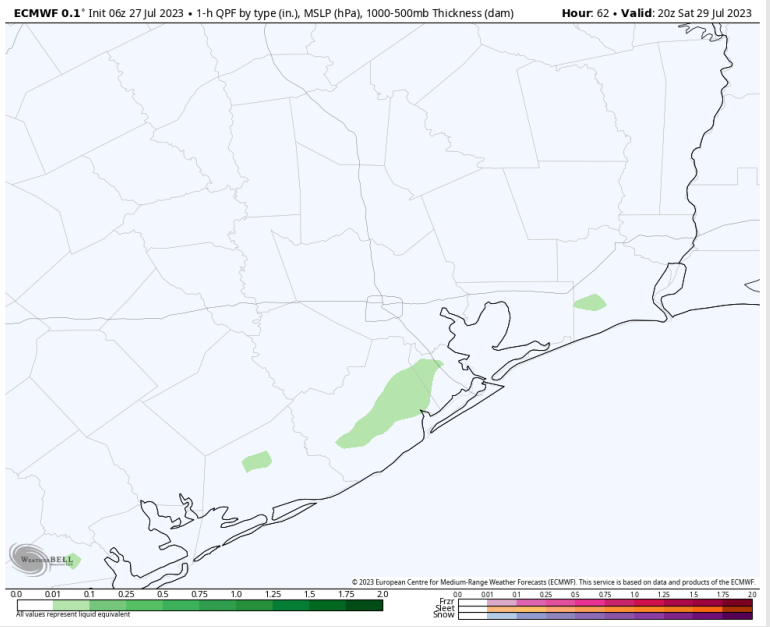
Precip: Favoring mostly dry conditions Saturday, aside for a 10% chance for an isolated shower/thunderstorm from 2 – 6 PM.

Wind: Winds will be out of the S/SW through 2 PM when then winds will shift to be out of the S/SE for the rest of the day. For stations N of Morgan's point winds will be 2 – 7 kts until 7 PM when then winds will increase to 5 – 10 kts for the rest of the evening. Stations S of Morgan's points will have winds of 5-10 kts until 6 AM. After 6 AM winds will decrease to 2-7 kts until 3 PM when then winds will increase to 8-13 kts for the rest of the day.

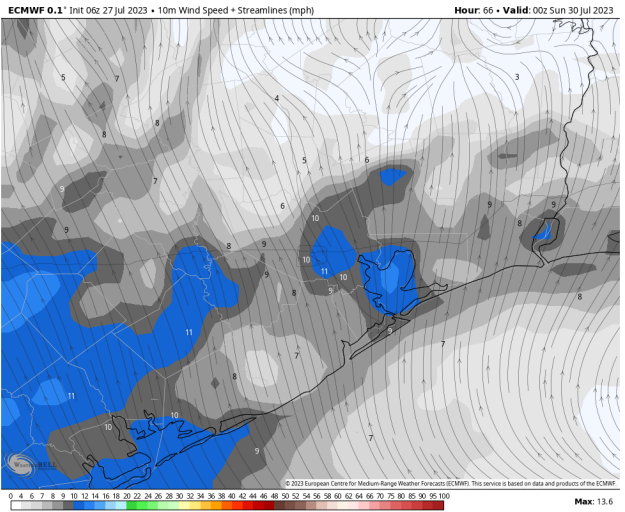
Temps: High temperatures Saturday will be in the upper 80s for the Boarding Stations, low/mid 90s F for all other Stations S of Morgan's Point and in the upper 90s near 100 F N of Morgan's Point.

Visibility: Not anticipating any visibility concerns at this time.

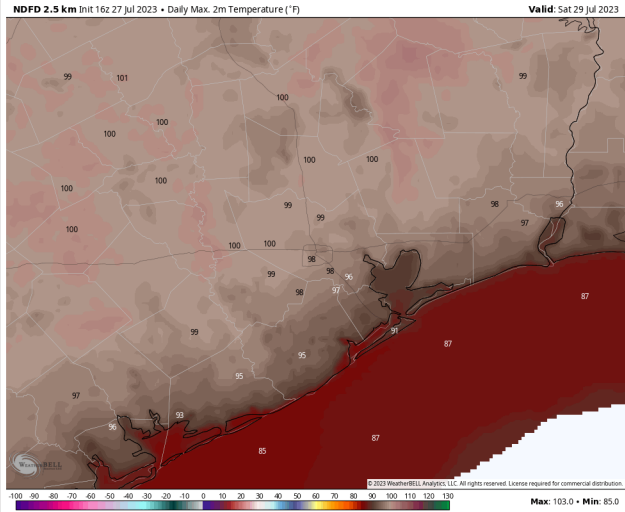
Precip Image: 3 PM CT



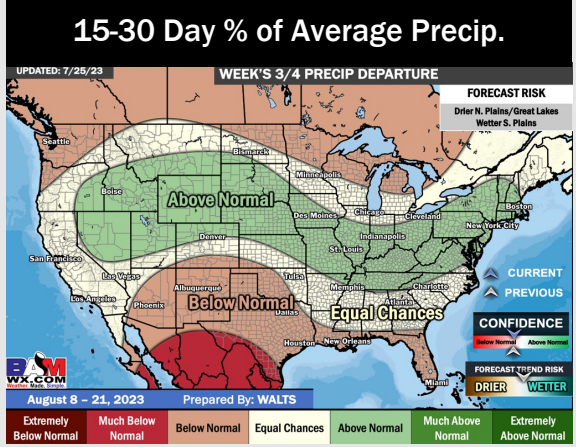
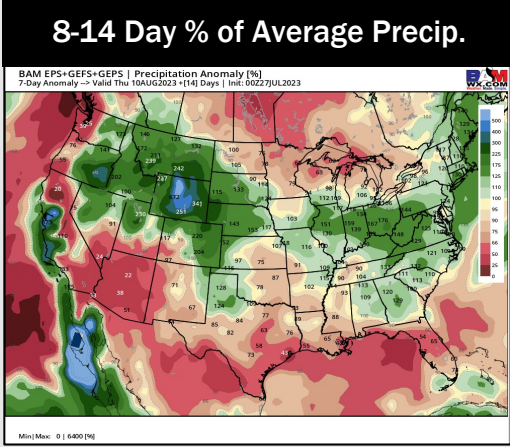
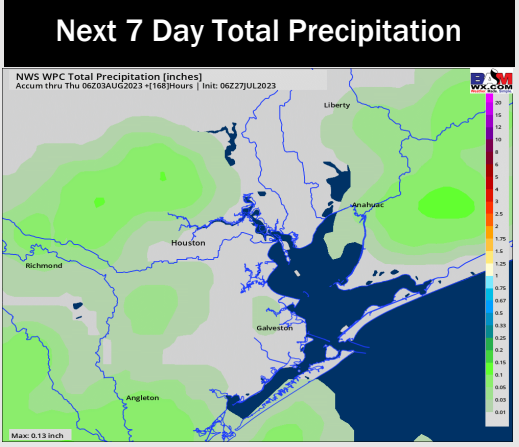
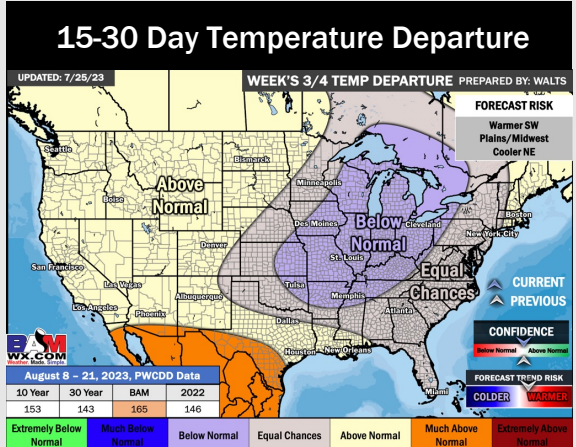
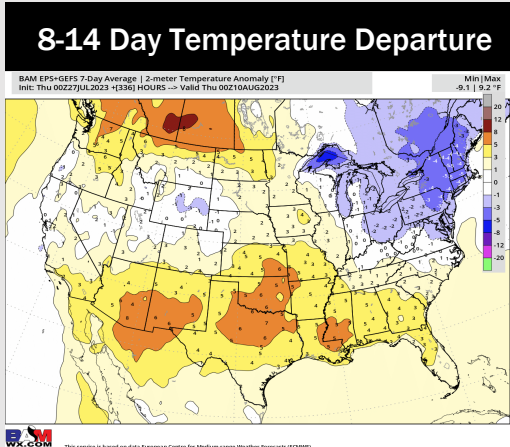
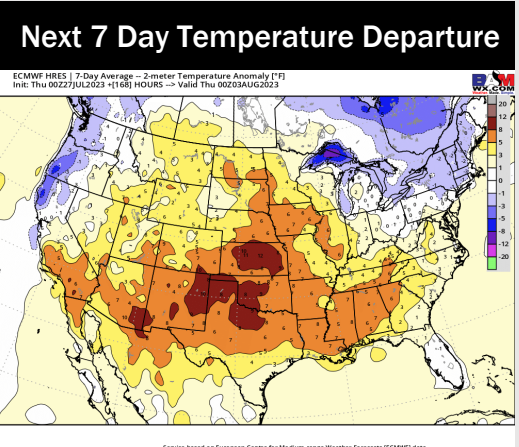
Wind Speed:
7 PM CT



High Temps
Saturday



Houston Pilots: 7/27/23



- 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 much below 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 ¾ timeframe.