

Houston Pilots Forecast Package



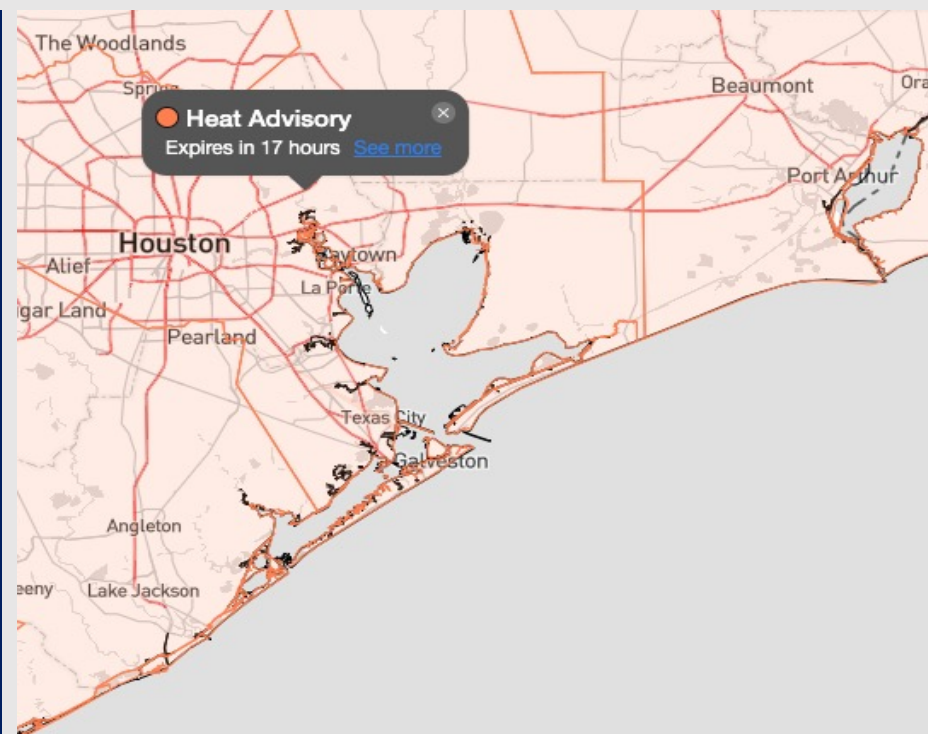
Updated: 5:00 AM CT

Friday, July 21, 2023

Forecaster: Xander Lowry

Weather Headlines

- Dry start to the weekend but rain chances return Sunday.
- 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: 5:00 AM CT



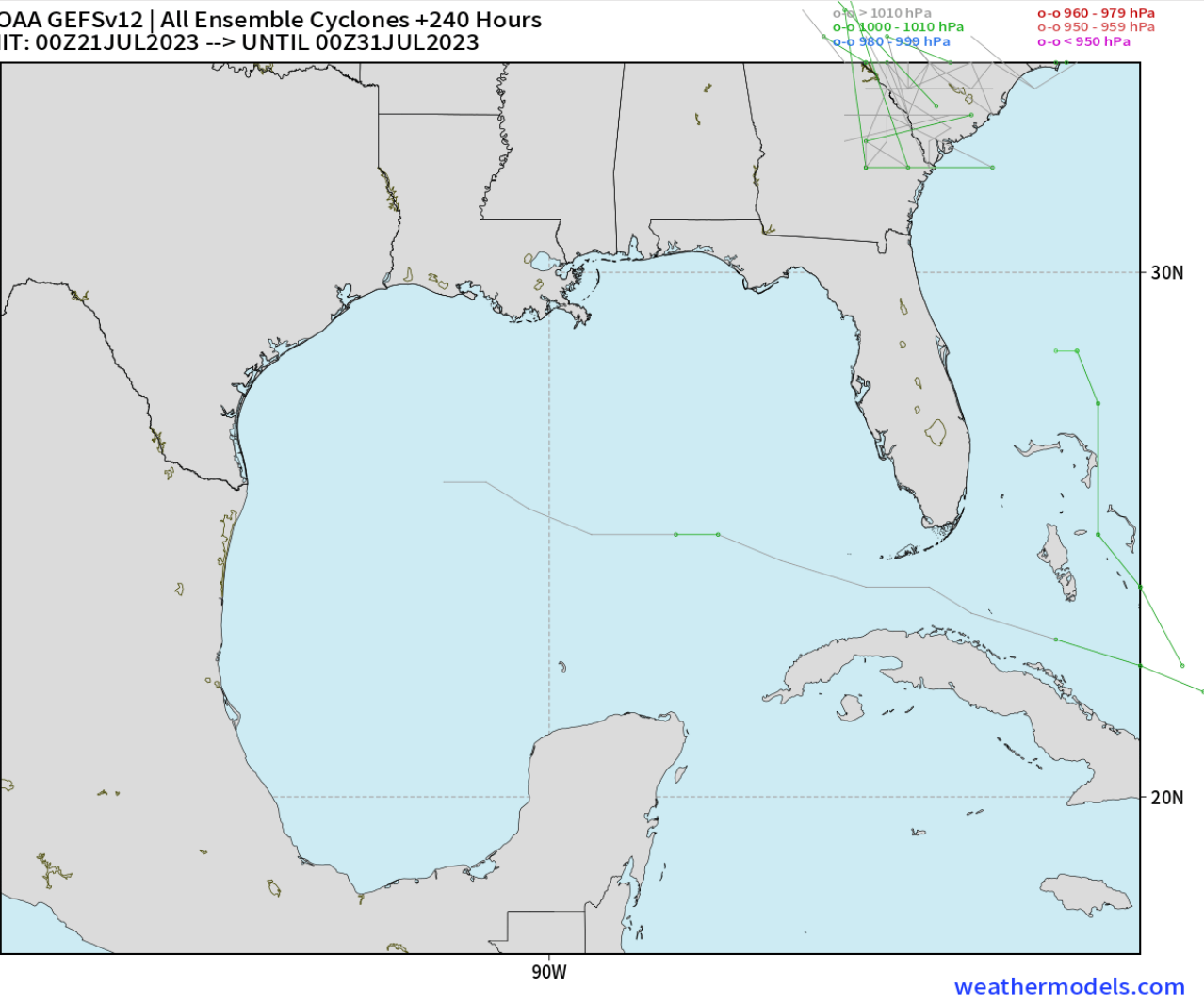
As always, please do not hesitate to reach out to us with any forecast questions via the chat option on the Weather Porthole or our on-call number, **(317)-560-8122** press 1 for forecast questions.

Houston Pilots Tropical Update



American Model Low Pressure Tracks Next 10-Days

NOAA GEFSv12 | All Ensemble Cyclones +240 Hours
INIT: 00Z21JUL2023 --> UNTIL 00Z31JUL2023



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	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	Fri 11pm	Sat 12am	Sat 1am	Sat 2am	Sat 3am	Sat 4am	Sat 5am	Sat 6am	Sat 7am	Sat 8am	Sat 9am	Sat 10am	Sat 11am	Sat 12pm	Sat 1pm	Sat 2pm	Sat 3pm
610 Bridge	10	10	9	6	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	6	10	10	10	10	10	10	10	10
Kinder 1	10	10	9	6	10	10	10	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
Greens Bayou	10	10	9	6	10	10	10	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
Shell Crude	10	10	10	6	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	10
Lynchburg Ferries	10	10	10	6	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	10
Exxon 3	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	8	10	10	10	10	10	10	10	10
Morgans Point	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	8	10	10	10	10	10	10	10	10
75/76	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	9	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
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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
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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

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Houston Pilots Wind Chart



Example

Sustained wind 13 Knots
Gusts 18 Knots
Wind from the N

WS: 13
G:18
N

Time Knots	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	Fri 11pm	Sat 12am	Sat 1am	Sat 2am	Sat 3am	Sat 4am	Sat 5am	Sat 6am	Sat 7am	Sat 8am	Sat 9am	Sat 10am	Sat 11am	Sat 12pm	Sat 1pm	Sat 2pm	Sat 3pm	
610 Bridge	2	2	0	1	2	3	3	3	2	2	3	4	8	9	9	9	8	8	8	7	7	6	5	4	4	4	4	5	7	5	6	5	4	3	3	4	
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	SSW	SSW	NW	NNE	SSW	SSW	SW	SW	SSW	SSW	S	SSE	SE	SE	SSE	S	S	S	S	SSW	SSW	SSW	SW	SW	SW	WSW	WSW	WSW	W	W	W	W	W	W	W	W	
Kinder 1	2	1	0	1	1	3	3	3	2	2	3	6	9	9	9	9	8	8	8	7	6	5	4	4	4	5	5	6	5	4	3	3	4				
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Greens Bayou	2	1	1	1	1	3	3	2	2	2	4	7	9	9	9	10	9	8	8	8	7	6	5	5	4	4	4	5	5	6	5	4	3	3	4		
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	SW	SW	NW	NE	SSW	SW	SW	SW	SSW	S	SSE	SE	SE	SE	SSE	S	S	S	S	SSW	SSW	SSW	SW	SW	SW	WSW	WSW	WSW	W	W	W	W	W	W	W	W	
Shell Crude	2	1	1	1	1	3	2	2	2	2	6	8	9	9	9	10	9	8	8	8	7	6	6	5	5	4	4	4	5	5	6	5	4	4	4	4	
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	SW	SW	W	NNE	SW	SW	SW	SW	S	SSE	SE	SE	SE	SSE	SSE	S	S	S	S	SSW	SSW	SSW	SW	SW	SW	WSW	WSW	WSW	W	W	W	W	W	W	W	W	
Lynchburg Ferries	2	1	1	1	1	3	2	2	2	3	6	8	10	10	9	11	10	9	9	8	7	7	6	6	5	5	4	5	5	6	5	4	4	4	5		
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Exxon 3	2	2	1	1	2	3	3	3	3	5	7	9	10	11	10	12	10	10	9	8	8	7	7	6	6	5	5	6	6	5	4	5	4	5	6		
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Morgans Point	4	4	3	2	2	4	3	3	5	7	9	10	12	12	11	13	12	11	11	10	9	9	8	8	7	6	6	6	6	6	5	5	5	6	8		
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Houston Pilots: Fri. 7/21/2023



Forecast Discussion

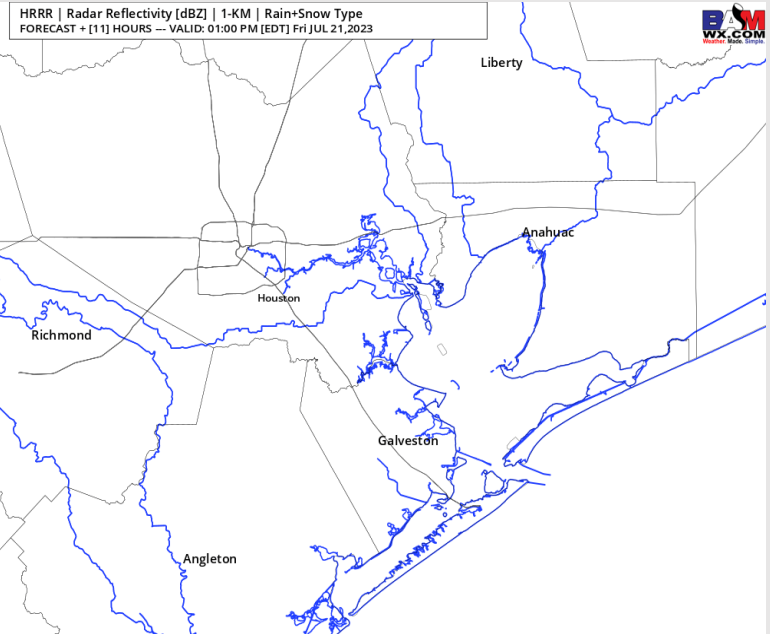
Precip: Favoring dry conditions throughout the day today.

Wind: Winds will be out of the S/ SW until 7 AM when then they will shift to be out of the W/NW until 9 AM. After 9 AM winds will shift back to being out of the S/SW for the rest of the day. Winds will be 3-8 kts for Stations N of Morgan's Point through 4 PM . After 4 PM winds will slightly increase to 6-11 kts for the rest of the day. Winds S of Morgan's Point will be 9-14 kts through 5 AM. After 5 AM, favoring winds S of Morgan's Point to decrease to 5-10 kts through 2 PM. Then after 2 PM, favoring winds S of Morgan's Point to increase to 12-17 kts for the rest of the day. **Wind gusts of 15-20kts are possible until 6 AM and 18-23 kts are possible after 4 PM for all stations today.**

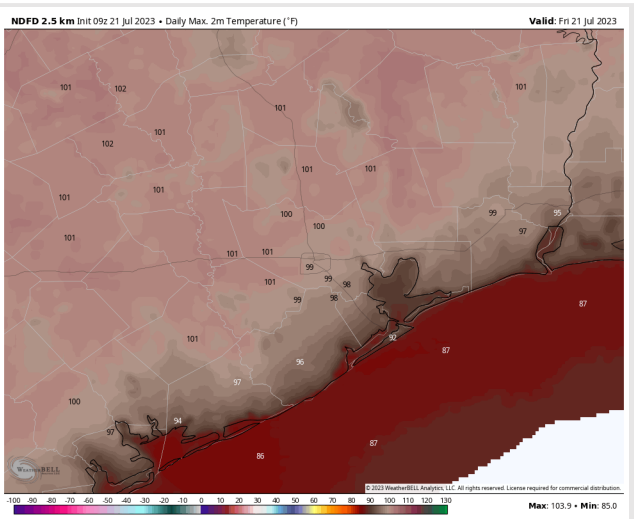
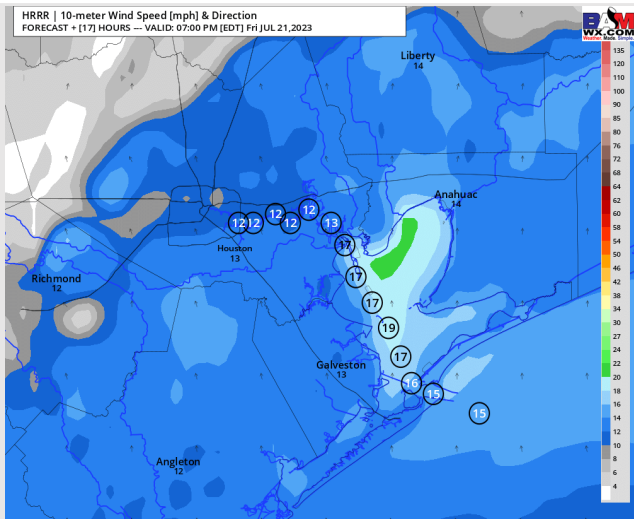
Temps: High temperatures today will be in the mid/upper 80s F near the Boarding Station, in the low/mid 90s F for all other stations S of Morgan's Point, and in the upper 90s F for stations N of Morgan's Point.

Visibility: Not anticipating any visibility concerns at this time.

Precip Image: 12 PM CT



Wind Speed:
6 PM CT



High Temps
Today

Houston Pilots: Sat. 7/22/2023



Forecast Discussion

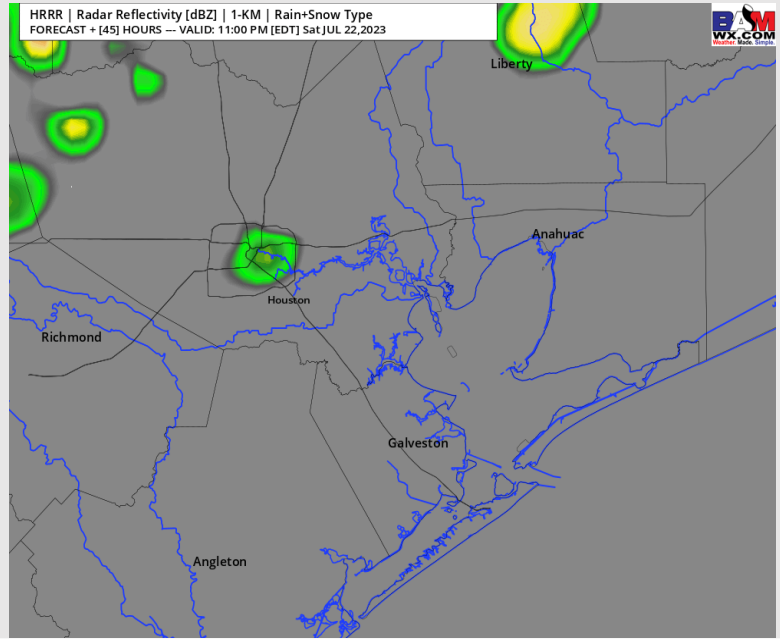
Precip: Favoring mostly dry conditions throughout the day Saturday, aside isolated chances (10-20%) of showers/thunderstorms between 8 PM – 10 PM

Wind: Winds will be out of the SW throughout the day. Winds for Stations N of Morgan's Point will be at 2-7 kts for the majority of the day, except for a brief increase to 8-13 kts between 6-10 PM. Winds S of Morgan's Point will be 11-16 kts through 9 AM. After 9 AM winds S of Morgan's Point will decrease to 5-10 kts through 3 PM. Then after 3 PM, winds S of Morgan's Point will increase to 15-20 kts for the rest of the day. **Wind gusts of 20-25 kts will be possible for all stations after 4 PM Saturday.**

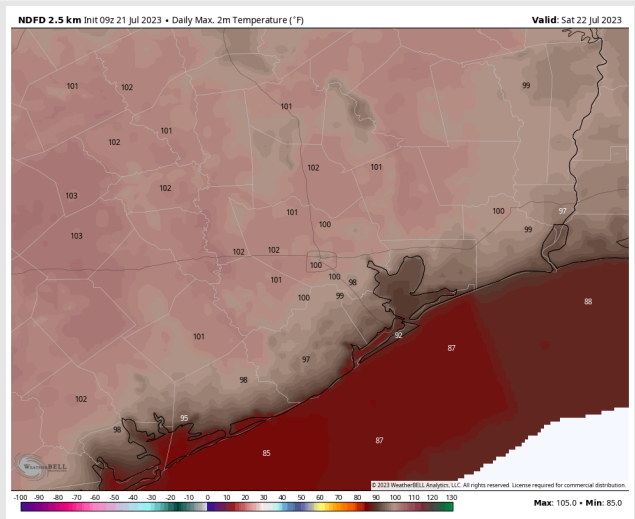
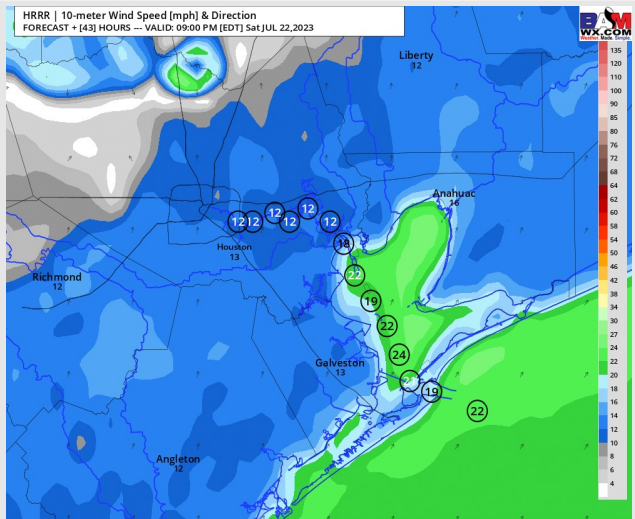
Temps: High temperatures Saturday will be in the upper 80s F near the Boarding Station, in the low/mid 90s F for all other stations S of Morgan's Point, and in the upper 90s F/low 100s F for stations N of Morgan's Point.

Visibility: Not anticipating any visibility concerns at this time.

Precip Image: 10 PM CT



Wind Speed:
8 PM CT



High Temps
Saturday

Houston Pilots: Sun. 7/23/2023



Forecast Discussion

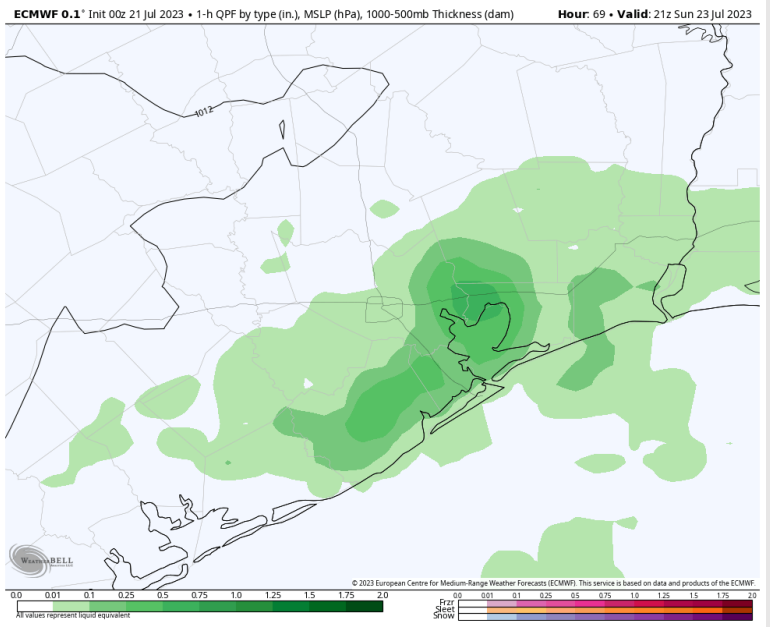
Precip: Expect dry conditions in the morning with chances of scattered showers beginning at 1 PM. Then favoring a 70-80% chance of showers/thunderstorms between 4 – 6 PM. After 6 PM conditions will remain dry for the rest of the day.

Wind: Winds will be out of the W/SW throughout the day. Winds for Stations N of Morgan’s Point will be at 3-8 kts until 4 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 8-13 kts until 9 AM, after which time winds will calm to 3-8 kts until 3 PM. After 3 PM winds will pick up to 12 – 17 kts associated with showers/thunderstorms. After 6 PM winds will decrease down to 3-8 kts for the rest of the day. **Wind Gusts of 21-26 kts are possible under the strongest cells Sunday.**

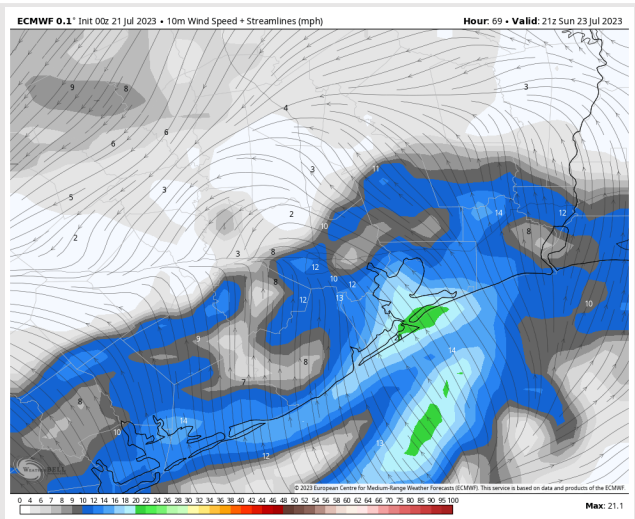
Temps: High temps on Sunday will be in the upper 80s F for the Boarding Station, low/mid 90s F for all other Stations S of Morgan’s Point and in the upper 90s for Stations N of Morgan’s Point

Visibility: Not anticipating any visibility concerns at this time.

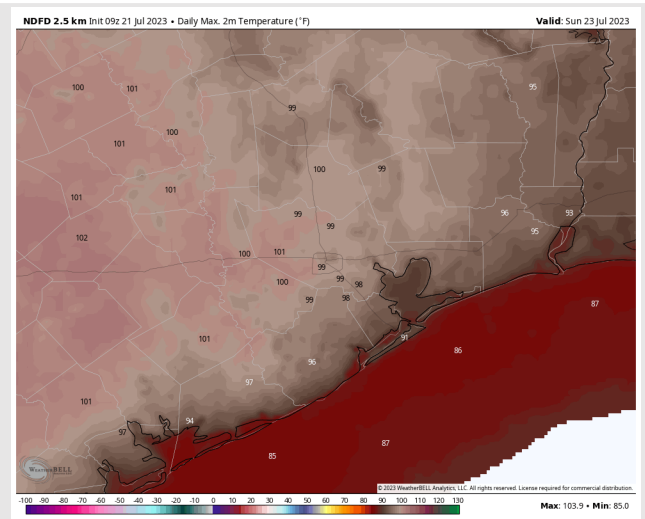
Precip Image: 4 PM CT



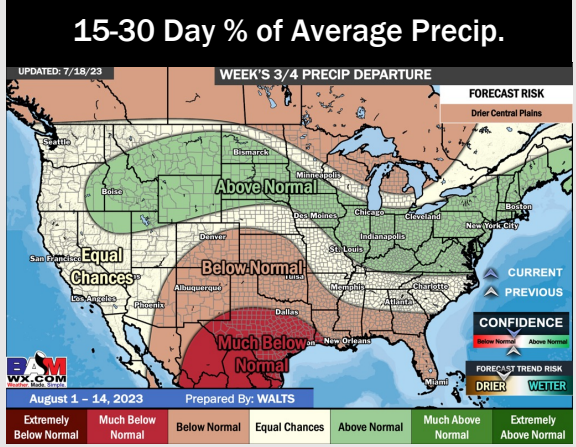
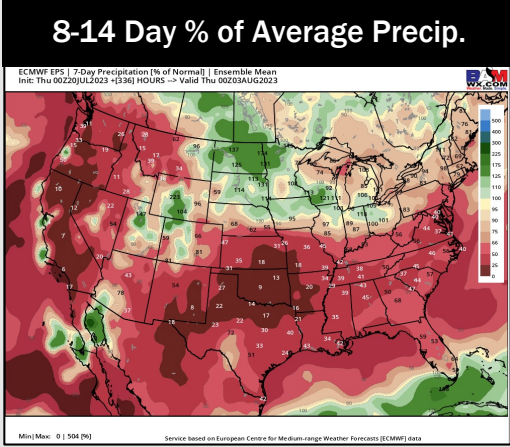
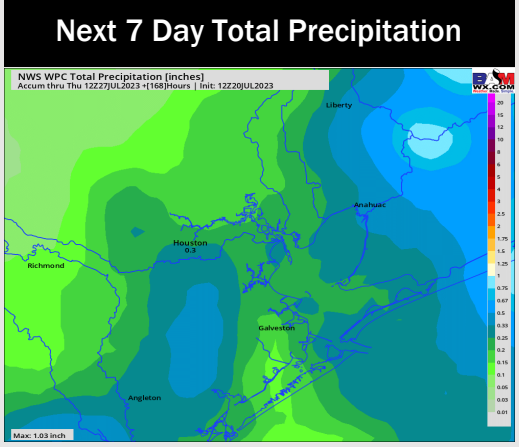
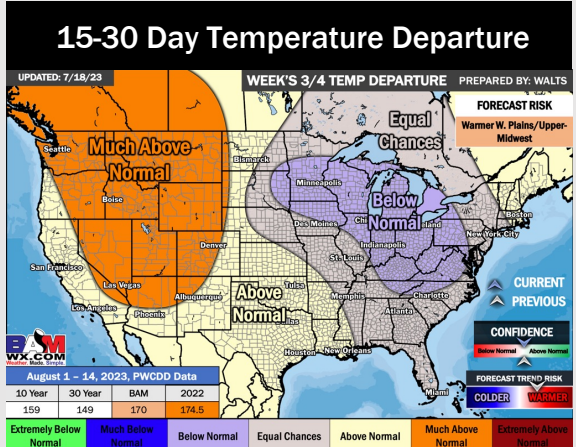
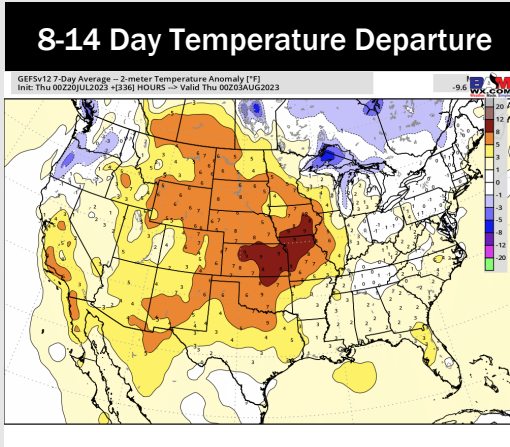
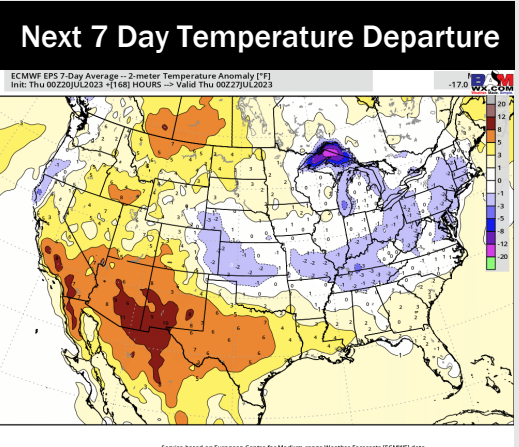
Wind Speed:
6 AM CT



High Temps
Sunday



Houston Pilots: 7/21/23



- Above normal temperatures are favored over the next week. Anticipating low-end rain chances to make their way back into the area late this week.
- 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.