

Houston Pilots Forecast Package

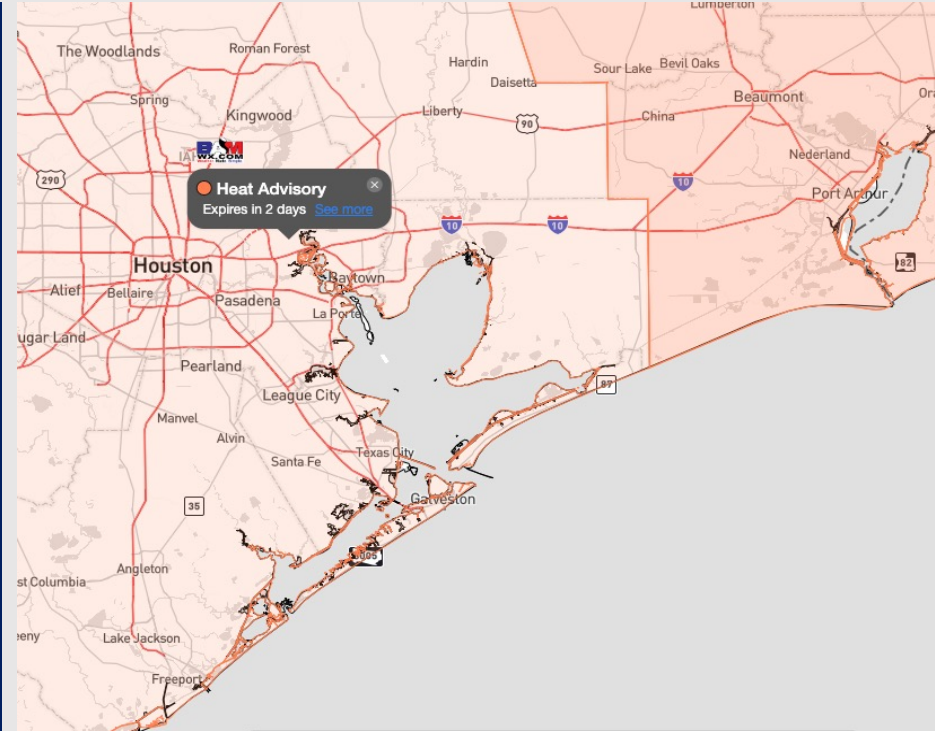


Updated: 5:00 AM CT
Monday, July 31, 2023

Forecaster: Xander Lowry

Weather Headlines

- Drier conditions are favored over the next few days.
- 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 17 kts in the PM over the next 72 hours. Periods of slightly elevated wind gusts are expected tonight.



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.

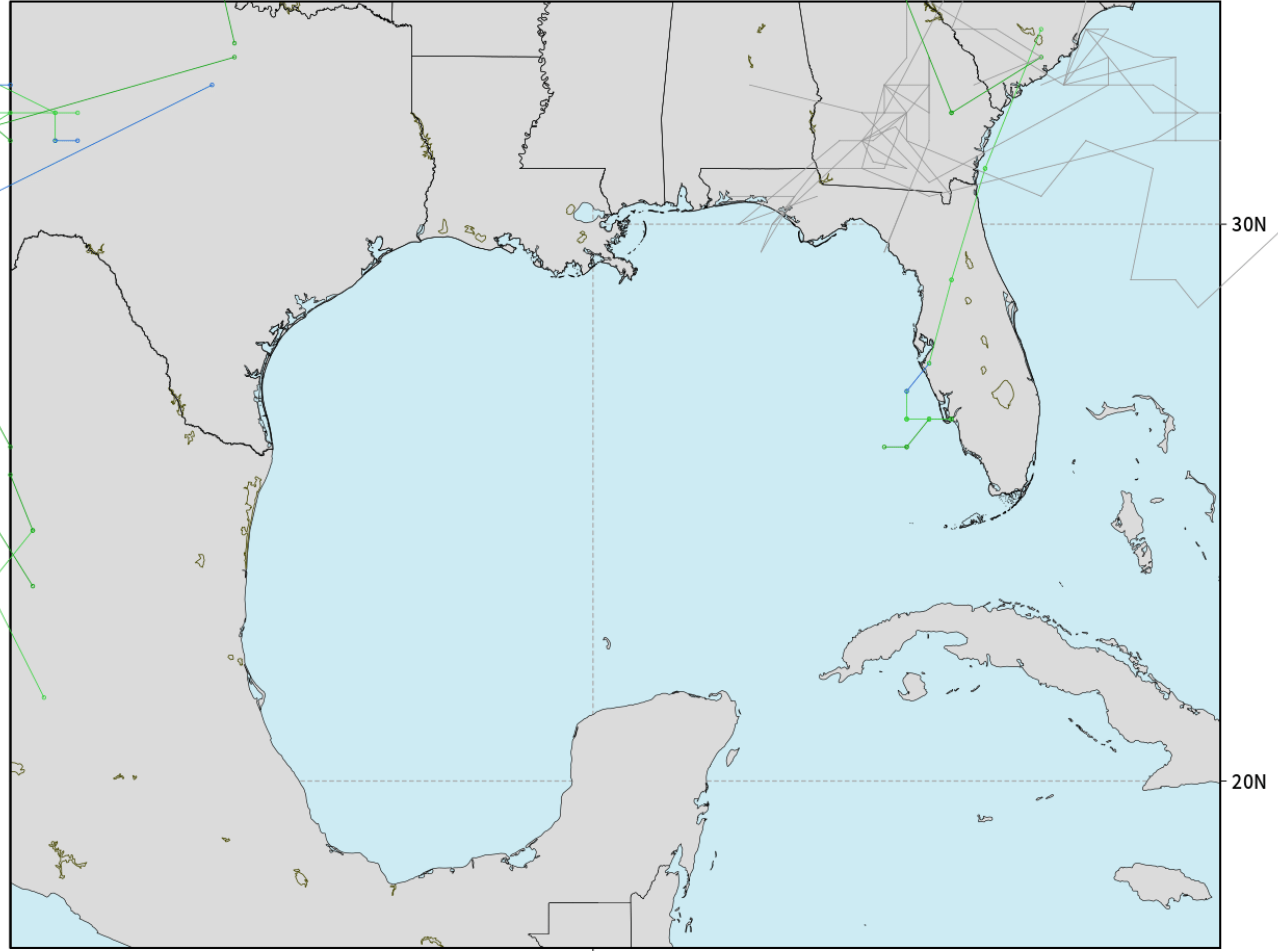
Houston Pilots Tropical Update



American Model Low Pressure Tracks Next 10-Days

NOAA GEFSv12 | All Ensemble Cyclones +240 Hours
INIT: 00Z31JUL2023 --> UNTIL 00Z10AUG2023

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



90W

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	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	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	10	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	10	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
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
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
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
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
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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
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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

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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	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	1	1	2	1	2	2	1	0	1	2	3	4	5	6	7	8	7	6	7	6	5	5	4	4	4	4	3	3	3	3	3	3	3	3	3	4	5			
	5	5	3	1	4	2	2	2	5	6	6	6	8	8	9	10	10	10	10	9	8	7	7	6	7	5	5	4	4	4	5	4	5	5	6	8				
	SW	NW	NNW	ESE	S	W	WSW	S	ESE	S	S	SSE	SSE	SSE	SSE	SSE	S	S	S	S	SSW	SSW	SSW	SW	SW	WSW	WSW	W	W	W	W	W	W	W	SE	ESE	SE			
Kinder 1	1	1	2	1	2	2	1	0	1	2	3	4	6	6	7	8	7	6	7	6	5	5	4	4	4	3	3	3	3	3	3	3	3	3	4	5				
	5	4	3	1	4	2	2	2	5	6	6	7	8	8	9	10	10	10	10	9	8	7	7	6	6	5	5	4	5	5	4	4	5	6	8					
	WSW	NW	WNW	ESE	S	W	WSW	SSE	ESE	SSE	SSE	SSE	SSE	SSE	SSE	S	S	S	S	SSW	SSW	SSW	SSW	SW	WSW	WSW	WSW	W	W	W	W	W	W	W	ESE	ESE	SE			
Greens Bayou	1	1	2	1	2	1	1	0	1	2	3	6	7	7	7	8	7	7	6	5	5	4	4	4	3	3	3	3	3	3	3	3	3	3	4	5				
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	SW	W	S	E	SSW	W	WSW	SE	ESE	SSE	SSE	SSE	SE	SE	SSE	SSE	S	S	S	S	SSW	SSW	SSW	SW	WSW	WSW	WSW	W	W	W	W	W	W	W	W	SE	SE	SE		
Shell Crude	1	1	2	1	2	1	1	0	1	2	4	7	8	7	7	8	7	7	6	5	5	4	4	4	3	3	3	3	3	3	3	3	3	3	4	6				
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	SE	WSW	ESE	ESE	SSW	W	WSW	SSE	ESE	S	SSE	SE	SE	SSE	SSE	S	S	S	S	SSW	SSW	SSW	SW	WSW	WSW	WSW	W	W	W	W	W	W	W	W	SE	SE	SE			
Lynchburg Ferries	1	1	2	1	2	1	1	0	1	3	5	7	8	8	8	8	7	7	6	5	5	5	4	4	4	3	3	3	3	3	3	3	3	4	7					
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	E	WSW	NE	E	SSW	W	WSW	S	S	SSE	SSE	SSE	SSE	SSE	SSE	S	S	S	S	SSW	SSW	SSW	SW	WSW	WSW	WSW	WSW	W	W	W	W	W	W	W	SSE	SSE	SSE			
Exxon 3	1	1	2	1	2	1	1	1	1	3	5	7	8	9	9	9	8	8	7	7	6	6	5	5	4	4	4	4	3	4	4	3	4	6	8					
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	SE	WNW	S	ESE	SSW	W	WSW	S	S	SSE	SSE	SSE	SSE	SSE	SSE	S	S	S	S	SSW	SSW	SSW	SW	WSW	WSW	WSW	WSW	W	W	W	W	W	W	W	SSE	SSE	SSE			
Morgans Point	2	3	3	1	2	1	1	3	4	6	7	9	10	10	10	10	9	9	9	8	7	7	6	6	6	5	5	4	4	4	4	3	4	5	7	9				
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	SSW	NW	W	SSW	SW	W	SW	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	S	S	S	S	SSW	SSW	SSW	SSW	SW	WSW	WSW	WSW	W	W	W	W	W	W	W	W	SSE	SSE	SSE		
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51/52	5	6	4	3	4	3	2	1	2	5	6	10	11	11	11	12	11	10	9	9	8	8	8	7	7	6	6	5	4	4	4	3	4	7	9					
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	W	WNW	W	W	W	W	S	SSE	SSE	S	S	S	S	S	S	S	S	SSW	SSW	SSW	SSW	SSW	SSW	SW	WSW	WSW	W	W	W	W	W	W	W	W	W	W	W	W	SSE	SSE
25/26	6	5	4	4	4	3	2	2	1	3	6	8	9	9	10	9	8	7	7	8	7	7	7	6	6	5	4	4	5	4	3	4	5	7	8					
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	WNW	WSW	W	W	W	W	W	SW	SSW	S	S	S	S	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SW	WSW	WSW	W	W	W	W	W	W	W	W	W	W	W	S	SSE	SSE
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	WNW	W	W	WNW	WNW	W	W	WSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SW	WSW	WSW	WSW	W	W	W	W	W	W	W	W	W	W	W	W	S

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Houston Pilots: Mon. 7/31/2023



Forecast Discussion

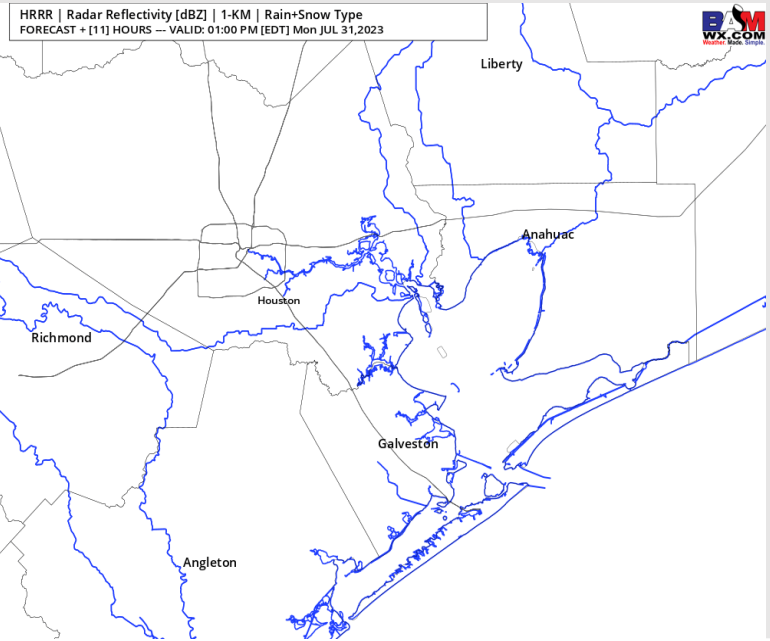
Precip: Dry conditions are favored throughout the day.

Wind: Winds will be out of the W/SW throughout the day. Winds N of Morgan's Point will be near-calm at 2 – 7 kts through 4 PM when then they will increase to 5 – 10 kts for the rest of the day. Winds S of Morgan's Point will be at 7 – 12 kts until 10 AM, at which time winds will calm to 2– 7 kts until 3 PM. After 3 PM, winds will pick up to 11-16 kts for the remainder of the evening

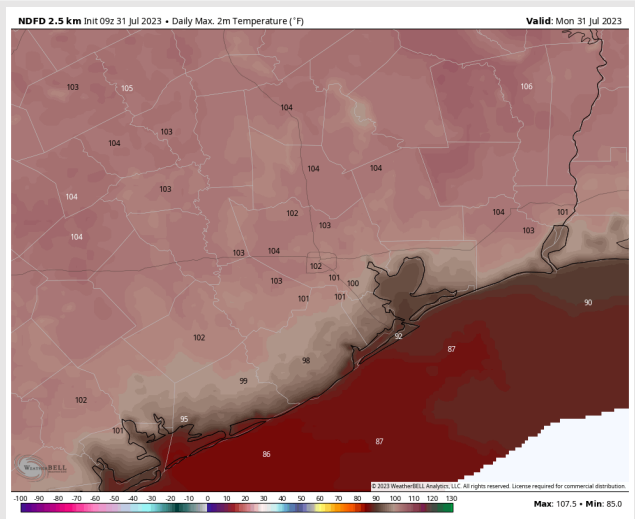
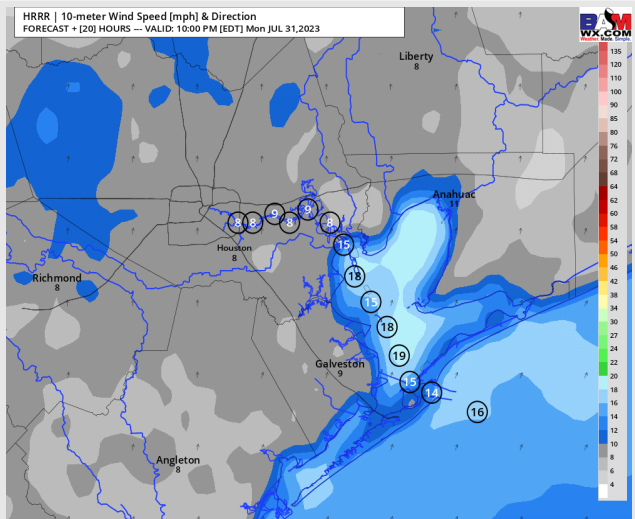
Temps: High temperatures today will be in the upper 80s F for the Boarding Station, low/mid 90s F for all other Stations S of Morgan's Point and low 100s F N of Morgan's Point.

Visibility: Not anticipating any visibility concerns at this time.

Precip Image: 12 PM CT



Wind Speed:
9 PM CT



High Temps
Today

Forecast Discussion

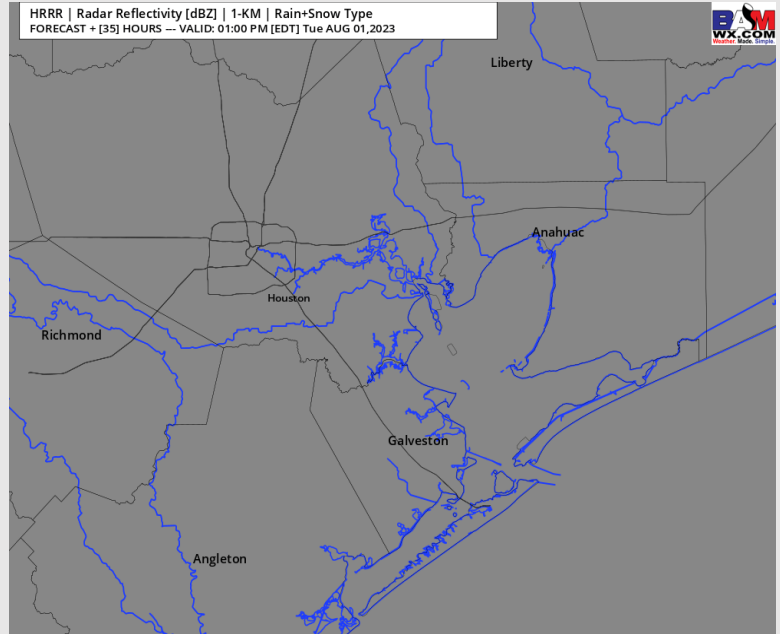
Precip: Favoring dry conditions throughout Tuesday.

Wind: Winds will be out of the W/SW throughout the day. For Stations N of Morgan's Point winds will be 2 - 7 kts until 4 PM, after which time they will increase to 5-10 kts for the remainder of the evening. Stations S of Morgan's Point will see winds of 8-13 kts until 10 AM, after which time winds will decrease to 2-7 kts until 2 PM. After 2 PM winds will increase to 10-15 kts for the rest of the day.

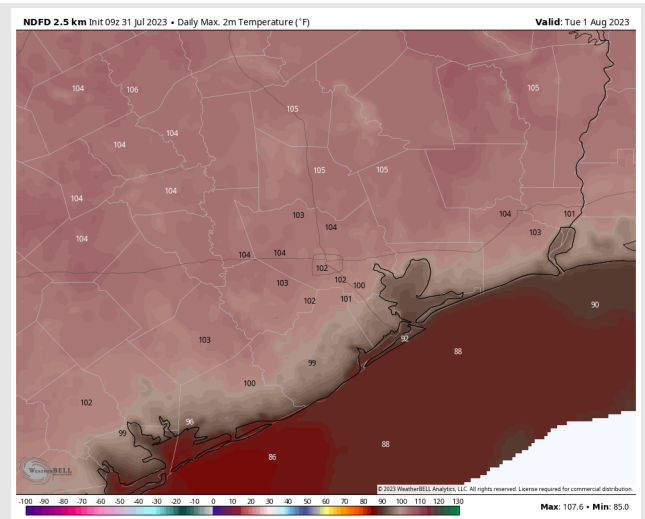
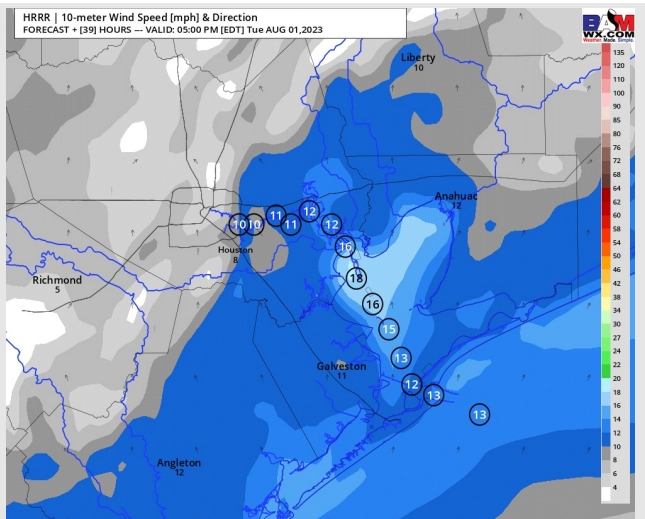
Temps: High temperatures will be in the upper 80s for the Boarding Station, low/mid 90s F for all other Stations S of Morgan's Point and in the low 100s F N of Morgan's Point.

Visibility: Not anticipating any visibility concerns at this time.

Precip Image: 12 PM CT



**Wind Speed:
4 PM CT**



**High Temps
Tuesday**

Forecast Discussion

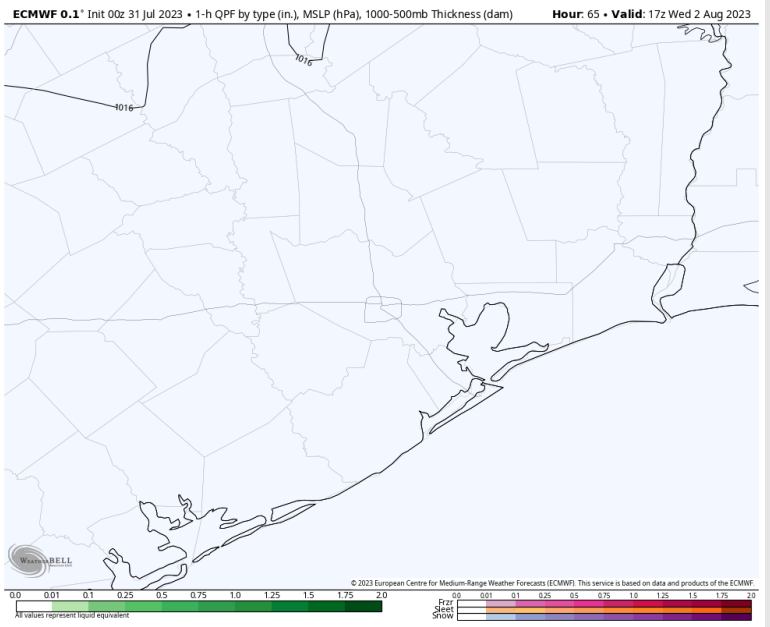
Precip: Favoring dry conditions throughout the day Wednesday.

Wind: Winds will be out of the S/SW throughout the day for all Stations. For Stations N of Morgan's Point, winds of 2 – 7 kts will continue through 4 PM. After 4 PM winds will increase to 5 – 10 kts for the rest of the evening. For Stations S of Morgan's Point, winds will be at 7 – 12 kts through 7 AM, after which time winds will calm to 2 – 7 kts through 2 PM. After 2 PM winds will increase to 10 – 15 kts for the rest of the day.

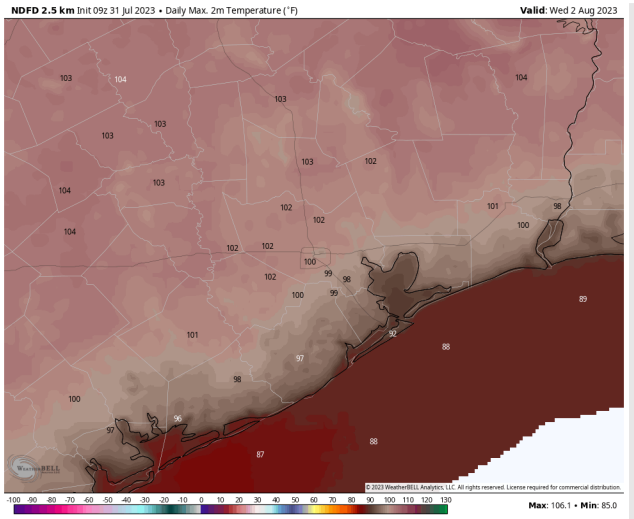
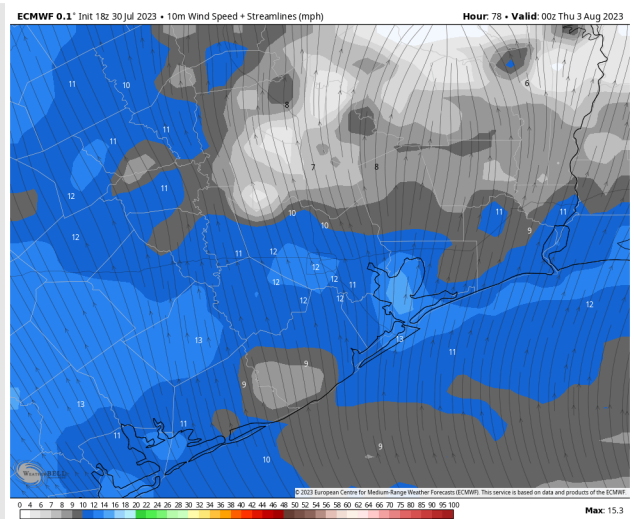
Temps: High temperatures Wednesday will be in the upper 80s F for the Boarding Station, low/mid 90s F for all other Stations S of Morgan's Point and upper 90s/low 100s F N of Morgan's Point.

Visibility: Not anticipating any visibility concerns at this time.

Precip Image: 12 PM CT

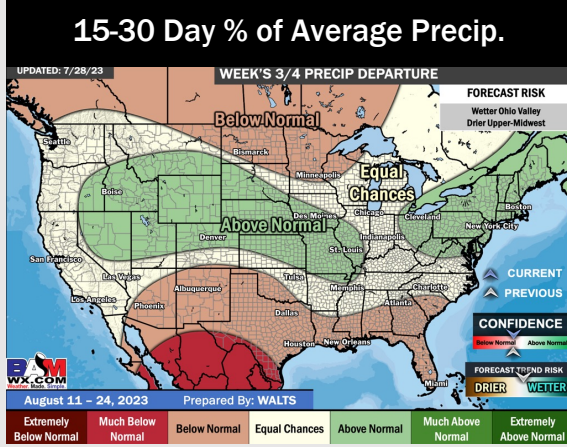
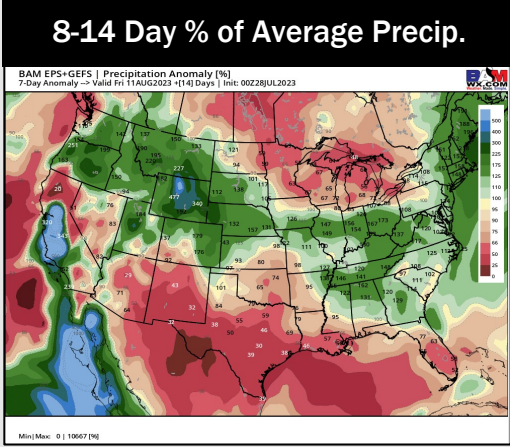
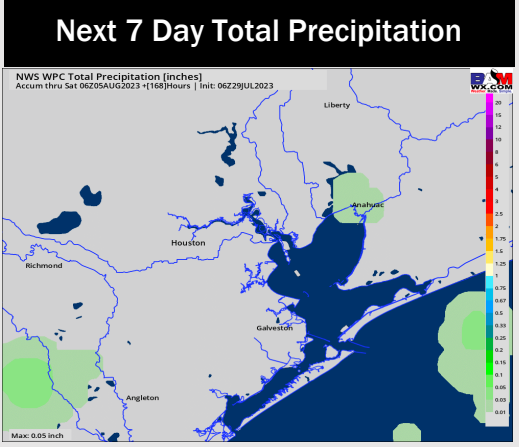
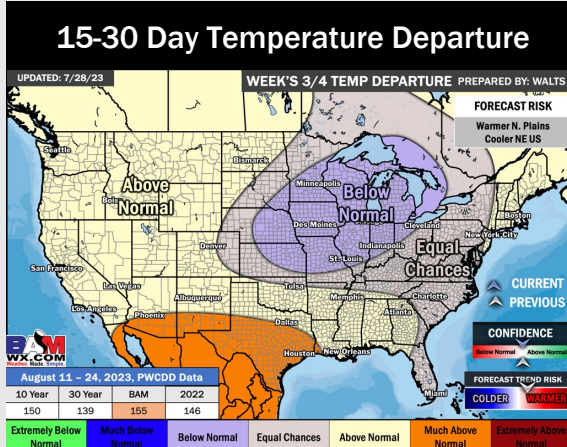
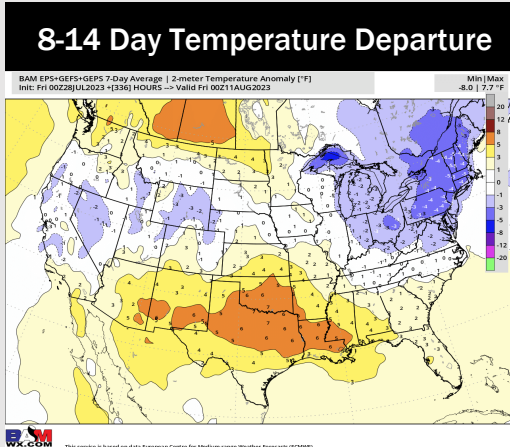
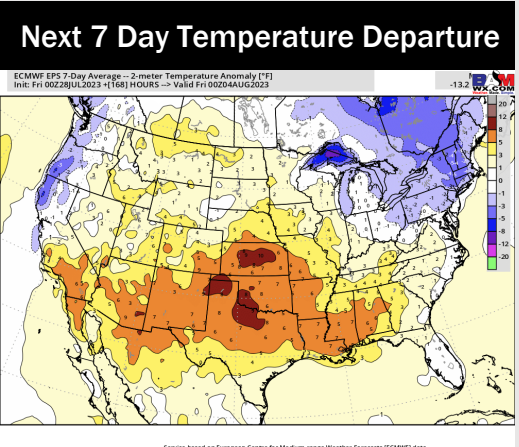


Wind Speed:
7 PM CT



High Temps
Wednesday

Houston Pilots: 7/31/23



- 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 3/4 timeframe.