

Houston Pilots Forecast Package



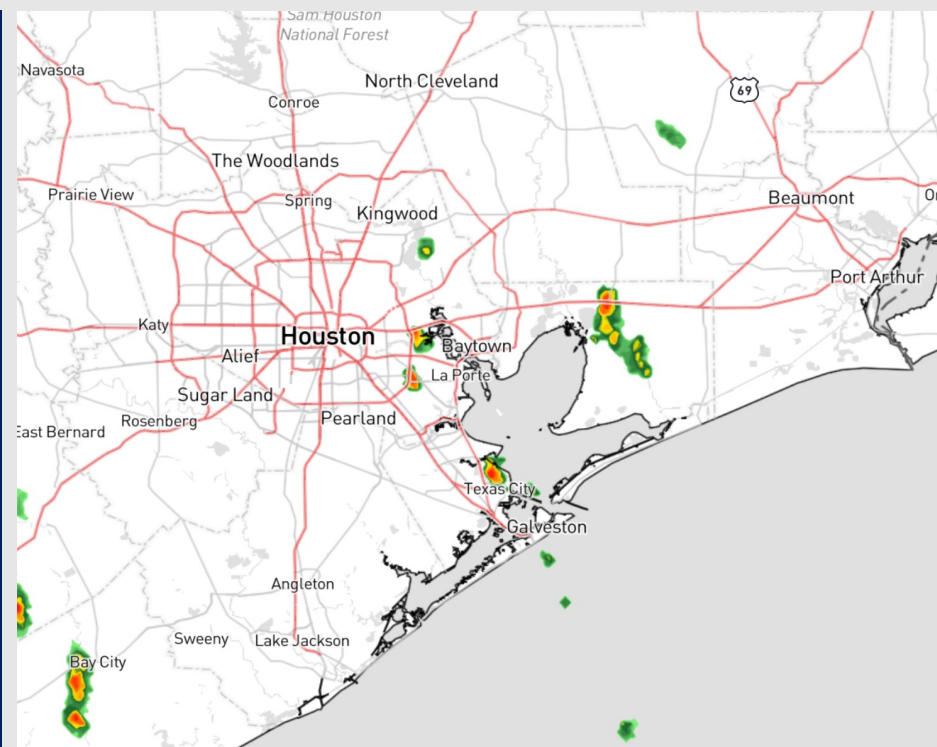
Updated: 1:00 PM CT

Friday, September 22, 2023

Forecaster: Tyler Riggles

Weather Headlines

- Not anticipating tropical development in the Gulf of Mexico over the next 7-10 days.
- Low end chances for precipitation the next few days (10-30%)
- No excessive wind concerns over the next 2 – 3 days. Most wind speeds will remain within the 7 -12-kt range.
- Not anticipating any visibility concerns over the next few days.



Radar/NWS Alerts: 12:50 PM CT



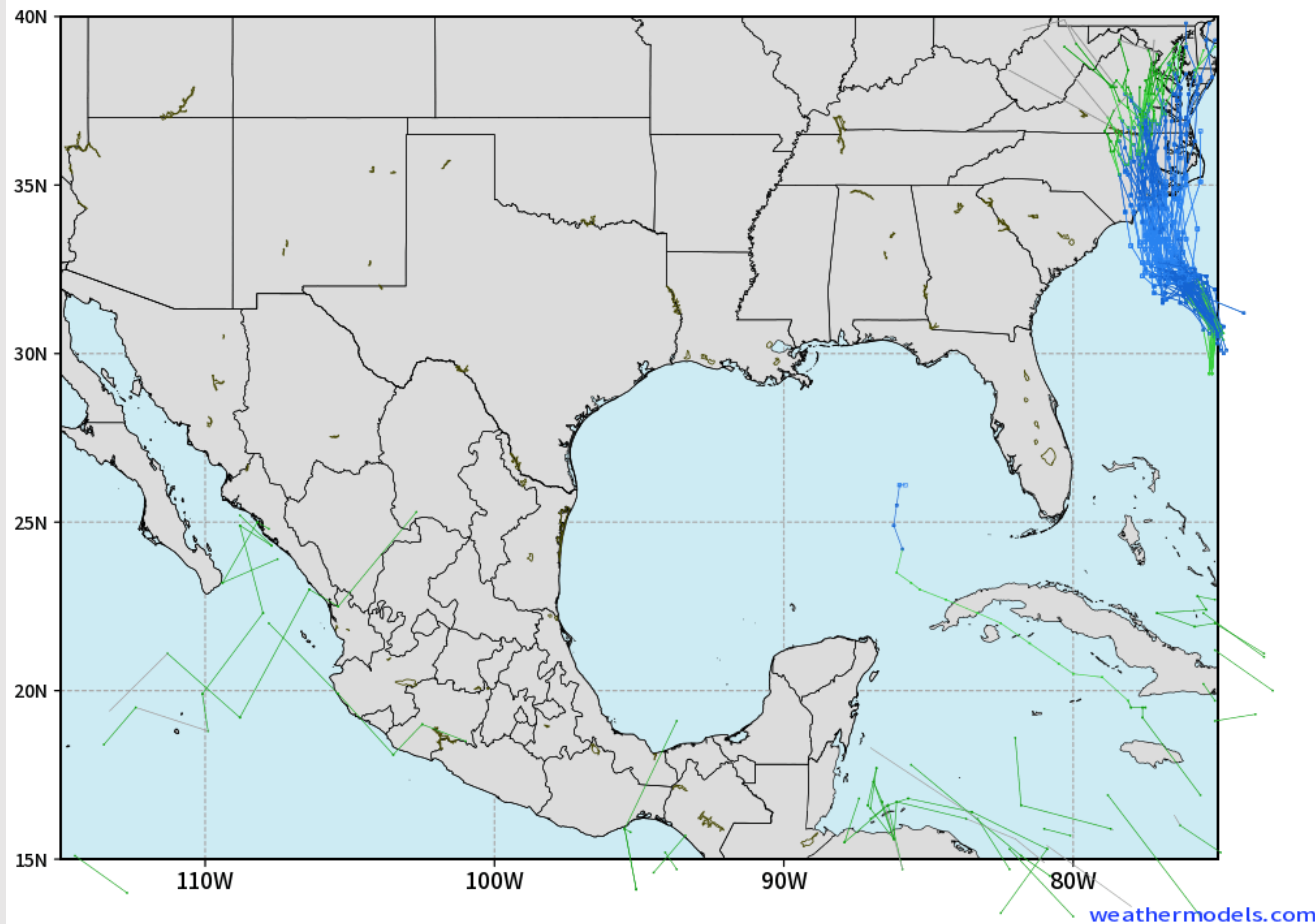
As always, please do not hesitate to reach out to us with any forecast questions via the chat option on the Weather Porthole or our on-call number, **(317)-560-8122** press 1 for forecast questions.

Houston Pilots Tropical Update

European Model Next 10 Days Tropical Tracks

ECMWF GULF EPS Cyclone Locations --> Next [10-days]
INIT: 00Z22SEP2023 --> UNTIL 00Z20OCT2023

o-o ENSEMBLE MEAN
o-o 1000 - 1010 hPa
o-o 980 - 999 hPa
o-o 960 - 979 hPa
o-o 950 - 959 hPa
o-o < 950 hPa



Not anticipating tropical development in the Gulf of Mexico over the next 7-10 days.

Nearest potential tropical disturbance will remain along the Mid-Atlantic Coast in the next couple days

Houston Pilots Visibility Chart (miles)



Forecast Confidence



Time	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	Sat 4pm	Sat 5pm	Sat 6pm	Sat 7pm	Sat 8pm	Sat 9pm	Sat 10pm	Sat 11pm	
610 Bridge	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	7	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	7	8	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	8	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	8	8	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	8	8	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
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
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
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
11/12	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
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

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



Sustained wind 13 Knots
Gusts 18 Knots
Wind from the N

Example

WS: 13
 G:18
 N

Time Knots	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	Sat 4pm	Sat 5pm	Sat 6pm	Sat 7pm	Sat 8pm	Sat 9pm	Sat 10pm	Sat 11pm						
610 Bridge	6	7	7	7	8	8	9	9	8	7	6	5	4	4	3	3	3	2	2	2	2	3	4	5	5	6	6	6	7	7	8	10	9	9	7	7	6					
Kinder 1	8	9	9	11	11	12	12	12	12	10	9	8	7	6	5	5	4	4	4	4	4	5	6	8	8	8	8	9	10	11	12	13	13	13	11	11	9					
Greens Bayou	6	7	7	8	8	9	9	9	8	6	6	5	4	4	4	3	3	2	2	2	2	3	4	5	5	6	6	7	8	8	9	10	9	8	7	7	6					
Shell Crude	8	9	10	11	12	13	13	12	11	10	9	8	7	6	6	5	5	4	4	4	4	5	6	8	7	8	8	9	11	12	12	13	12	11	10	9	9					
Lynchburg Ferries	7	8	8	9	10	11	10	10	8	7	6	5	4	4	4	3	3	3	3	3	3	3	4	5	6	6	7	8	9	10	11	11	10	9	8	7	6					
Exxon 3	8	10	11	12	13	14	14	13	12	11	9	8	7	6	6	5	5	4	3	3	3	4	5	6	6	7	8	8	9	10	12	13	14	14	13	12	11	10	9			
Morgans Point	9	11	12	13	14	15	15	14	12	11	10	9	8	7	6	6	5	5	5	4	4	5	5	6	7	8	8	9	10	11	13	14	15	15	14	13	12	11	10	9		
75/76	8	9	10	12	13	14	14	13	11	11	10	9	9	8	8	7	6	6	6	6	6	6	7	7	7	8	8	9	9	10	12	13	14	14	13	13	12	11	10	9		
63/64	8	9	9	11	12	13	14	13	11	10	10	9	9	9	8	8	7	7	6	6	6	6	7	7	7	8	8	9	9	11	12	13	14	15	15	14	13	12	11	10	9	
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37/38	8	9	9	9	10	11	11	11	10	9	8	9	9	8	8	7	6	6	6	6	7	7	7	7	7	7	8	8	8	8	9	9	10	11	11	11	11	10	9	8	7	6
25/26	8	8	8	9	9	9	10	9	8	8	7	8	8	7	7	7	6	6	6	6	6	6	7	7	7	7	7	7	8	8	8	8	8	8	8	8	8	8	8	8	8	
11/12	8	8	8	9	9	9	9	9	8	8	8	8	8	8	7	6	6	6	6	6	7	7	7	7	7	7	7	8	8	8	8	8	8	8	8	8	8	8	8	8	8	
1 & 2 Bravo	8	8	8	8	8	9	10	10	10	9	9	9	9	9	9	9	9	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	

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Houston Pilots: Fri. 9/22/2023



Forecast Discussion

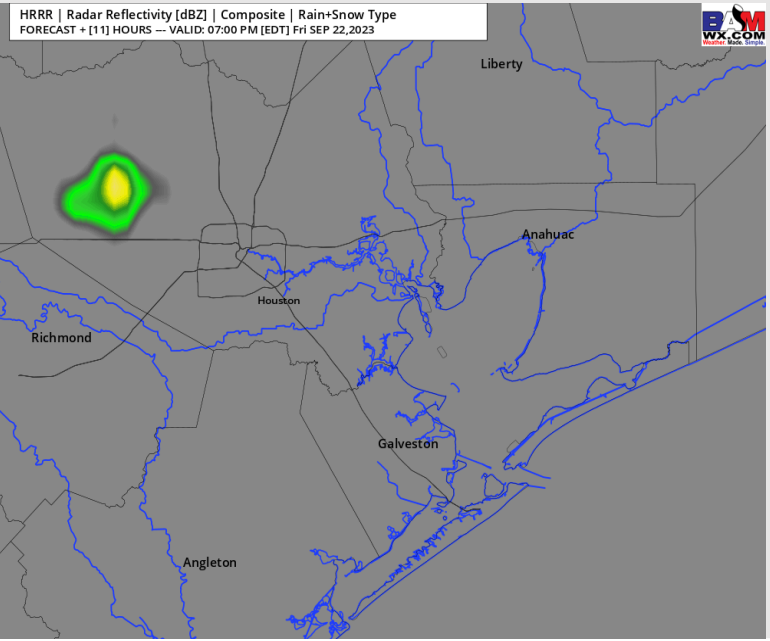
Precip: Favoring a 10-20% chance for a few isolated showers/thunderstorms for all stations until 8 PM. **Thunderstorms can produce an isolated wind gust of up to 18 - 22 kts.**

Wind: Winds remain from the SE. Winds north of Morgan's Point will increase to 5-10 kts by 3 PM. Winds then decrease again after sunset to 3 - 7 kts. South of Morgan's Point will remain consistent at 6 - 11 kts for the entire day.

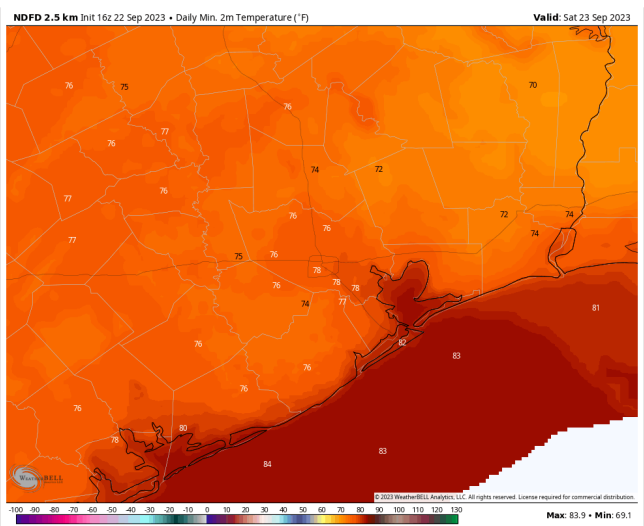
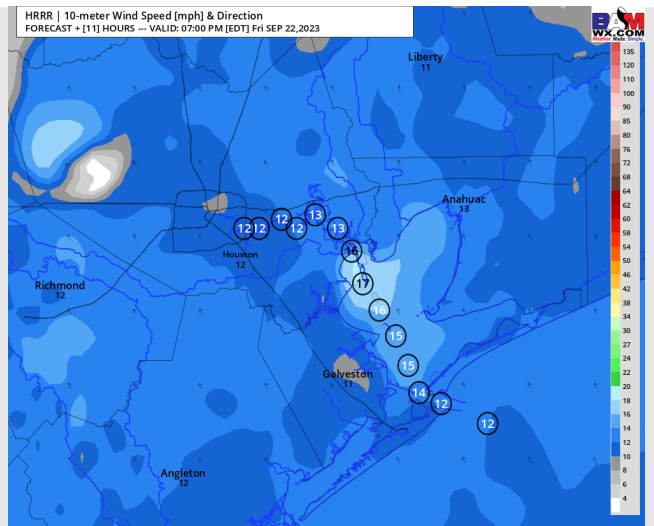
Low Temps: **S of Morgan's Point:** Mid 80s F. **N of Morgan's Point:** Upper 70s F.

Visibility: Not anticipating any further visibility issues currently.

Precip Image: 6 PM CT



Wind Speed:
6 PM CT



Low Temps
SAT AM

Houston Pilots: Sat. 9/23/2023



Forecast Discussion

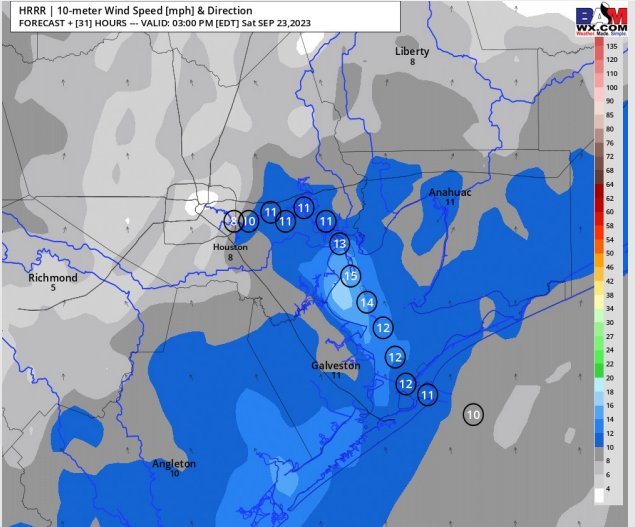
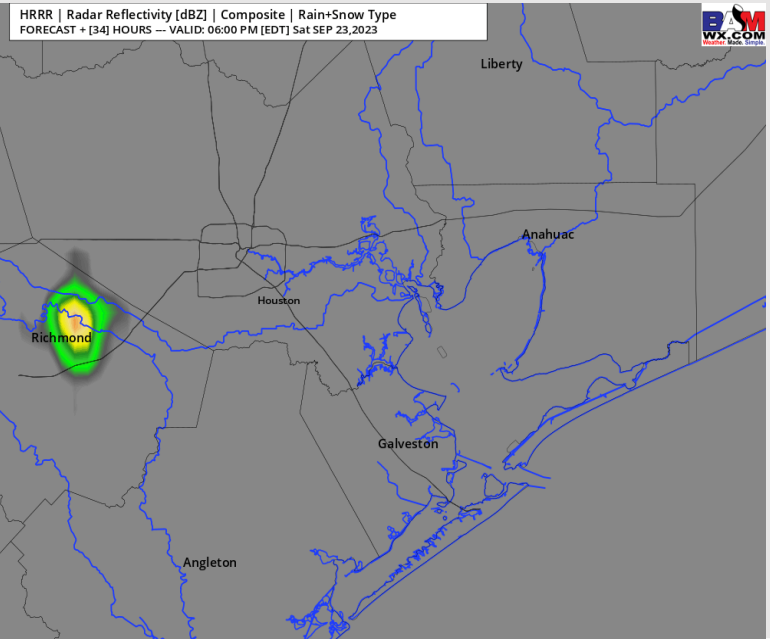
Precip: Favoring dry conditions for most of the day, however a chance for an isolated thunderstorm (20%) will be present starting towards 2 PM through 7 PM. The risk is for an isolated thunderstorm to develop slightly sooner towards 12 PM but 2-7 PM will hold the better timeframe.

Wind: Winds will be from the S with a slight veer from the SSW by mid-evening (~8 PM). In the AM hours, winds north of Morgan's point will continue to decrease to 1 - 5kts. Like Friday, toward 9 AM winds will slowly increase to 3 - 7 kts and remain at this clip through 4 PM. After 4, winds will be at 5 -10 kts. Towards 9 PM, winds will decrease to 3 -7 kts. S of Morgan's Point will see winds at 3 -8 kts through 12 PM and increase to 7 - 12 kts by 4 PM.

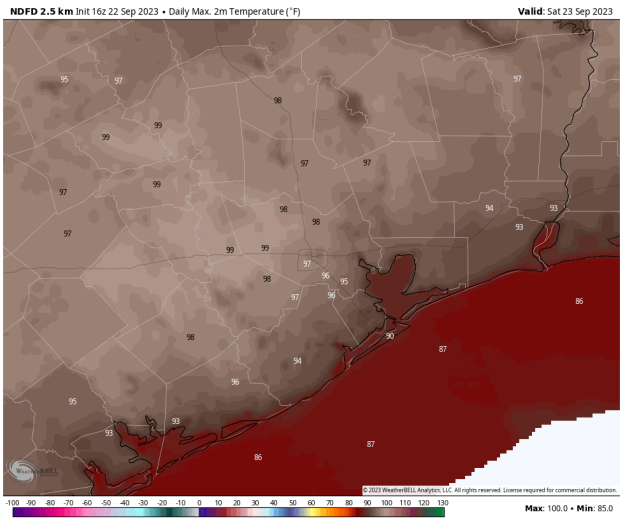
High Temps: **S of Morgan's Point:** Mid to upper 80s F. **N of Morgan's Point:** Mid to upper 90s F.

Visibility: No visibility concerns currently.

Precip Image: 5 PM CT



Wind Speed:
2 PM CT



High Temps
Saturday

Houston Pilots: Sun. 9/24/2023



Forecast Discussion

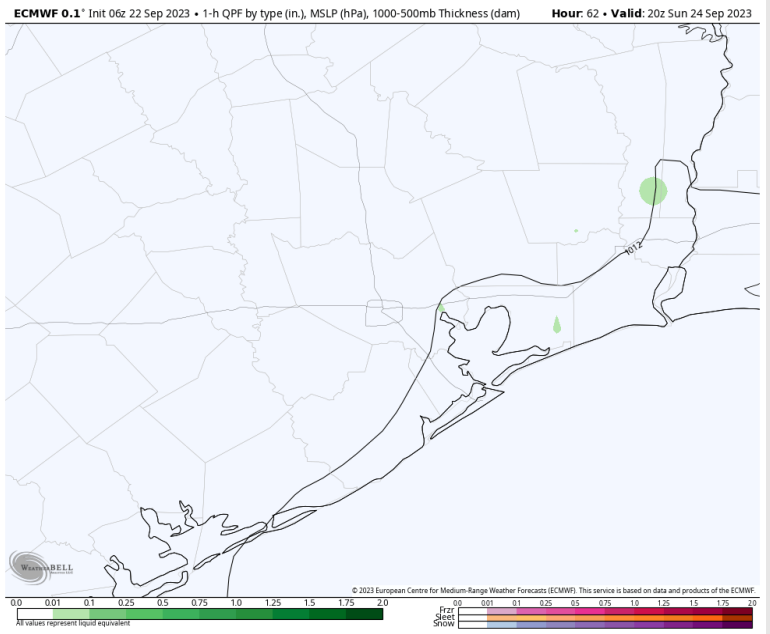
Precip: Favoring a 10% chance for isolated shower/drizzle pockets to linger N of Morgan's Point between 2 – 5 PM.

Wind: S to SSW winds favored for Sunday. Winds North of Morgan's Point will remain at 3 -8 kts through 10 AM before increasing slightly to 6 - 11 kts and remain that way for the rest of the day. Winds South of Morgan's Point will be at 8 - 13 kts throughout the day Sunday.

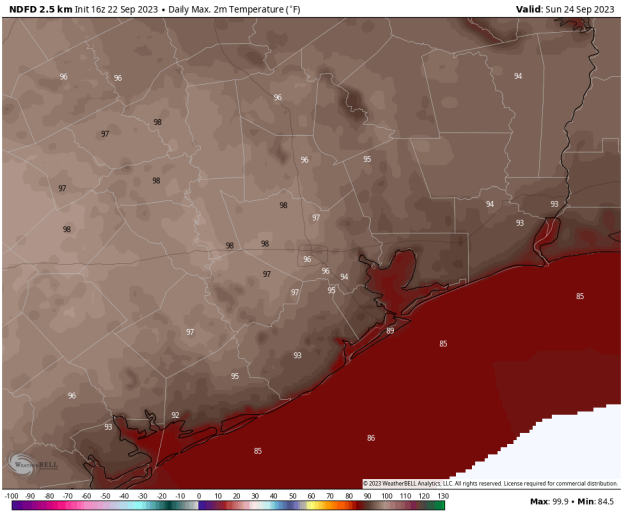
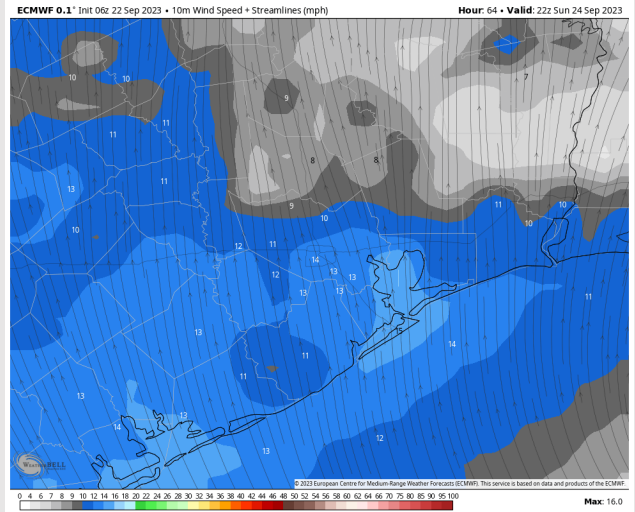
High Temps: S of Morgan's Point: Mid to upper 80s F. N of Morgan's Point: Mid to upper 90s F.

Visibility: Not anticipating any fog issues currently.

Precip Image: 3 PM CT

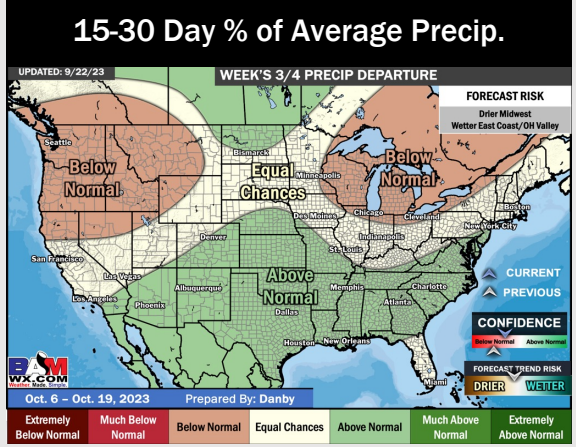
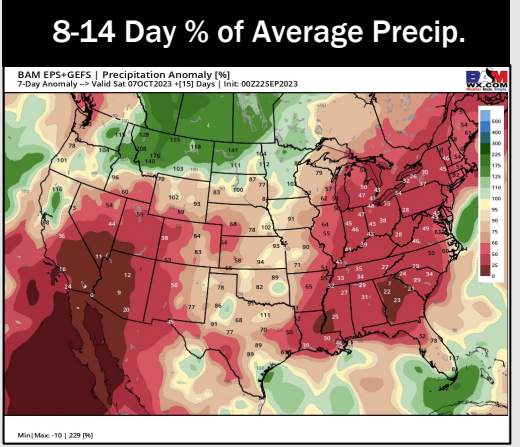
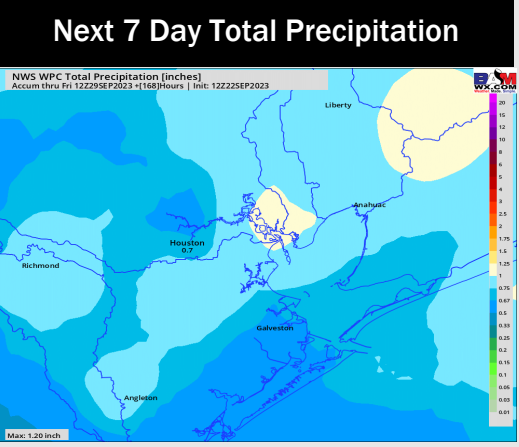
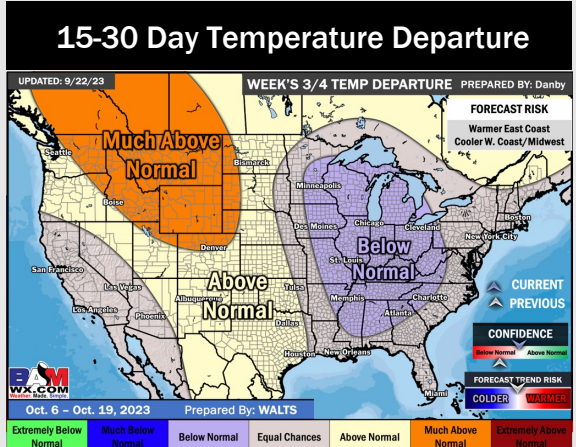
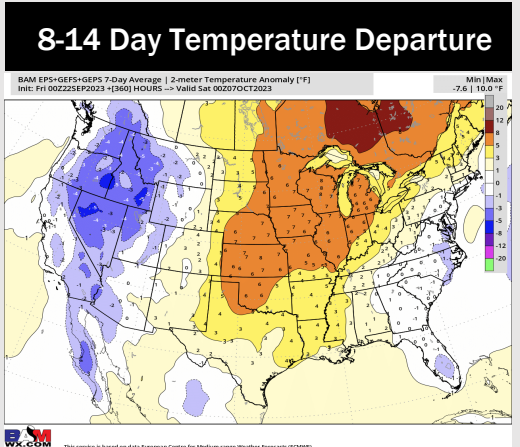
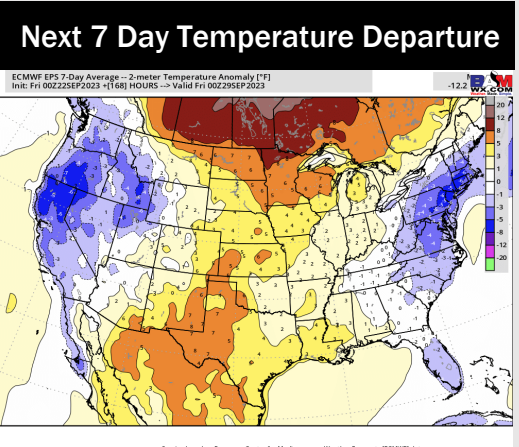


Wind Speed:
5 PM CT



High Temps
Sunday

Houston Pilots: 9/22/23



- Next best rain signal will come Monday with lingering chances into Tuesday. Above normal temperatures are expected in the meantime.
- Expecting slightly below normal precipitation chances and above normal temperatures for the week 2 timeframe.
- Above normal temperatures and above normal chances for precipitation are favored in the weeks 3/4 timeframe.