

Houston Pilots Forecast Package



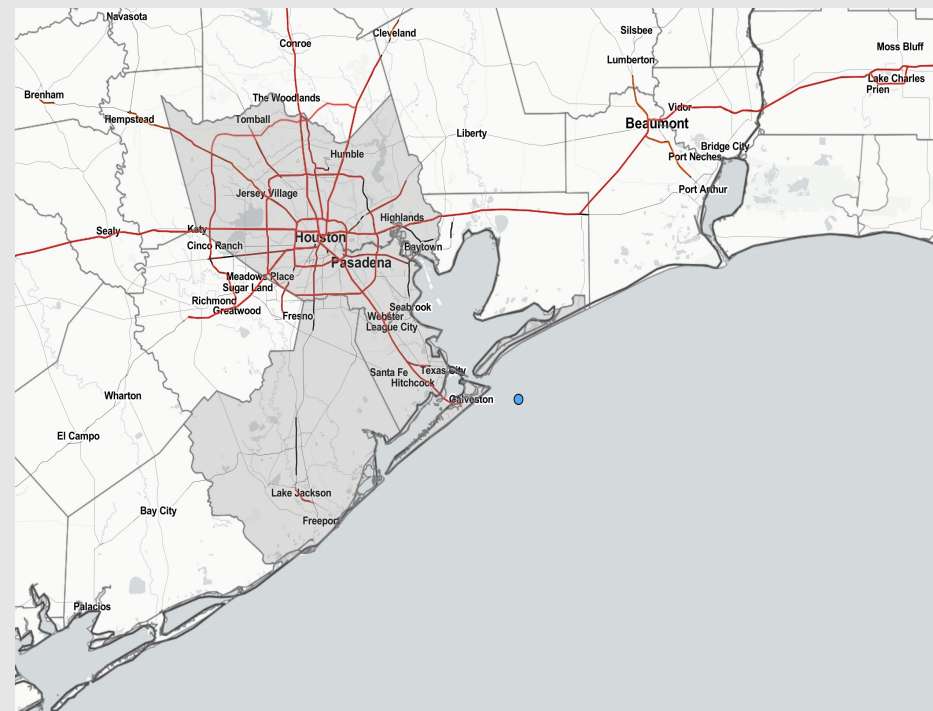
Updated: 1:40 PM CT

Monday, September 18, 2023

Forecaster: Jonathan Kipper

Weather Headlines

- Not anticipating tropical development in the Gulf of Mexico over the next 7-10 days.
- Favoring dry conditions for the early part of this week with low end rain risk WED.
- No excessive wind concerns over the next 2 – 3 days.
- Not anticipating any visibility concerns over the next few days.



Radar/NWS Alerts: 1:30 PM CT



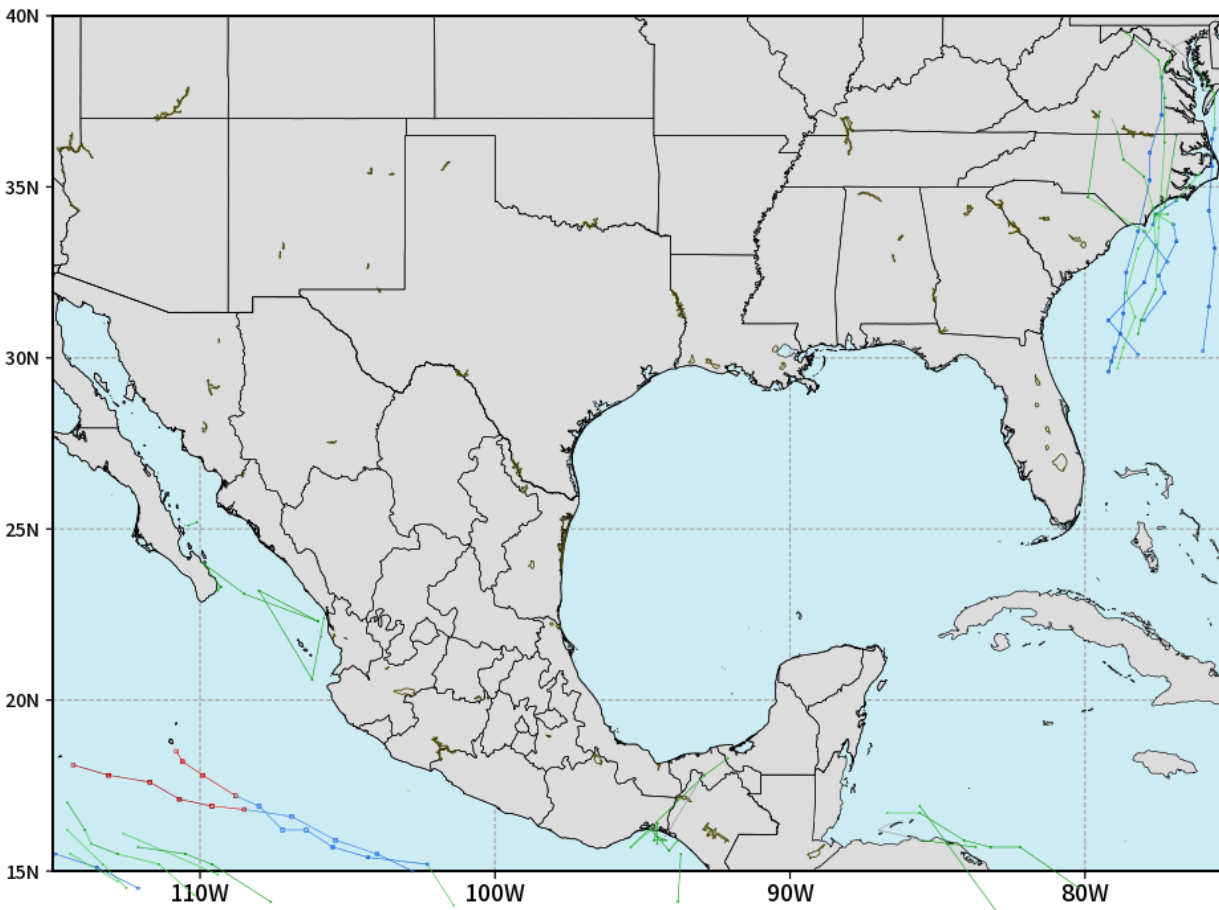
As always, please do not hesitate to reach out to us with any forecast questions via the chat option on the Weather Porthole or our on-call number, **(317)-560-8122** press 1 for forecast questions.

Houston Pilots Tropical Update

European Model Next 10 Days Tropical Tracks

ECMWF GULF EPS Cyclone Locations --> Next [10-days]
INIT: 00Z18SEP2023 --> UNTIL 00Z28SEP2023

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.

Houston Pilots Visibility Chart (miles)



Time	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	Tue 4pm	Tue 5pm	Tue 6pm	Tue 7pm	Tue 8pm	Tue 9pm	Tue 10pm	Tue 11pm
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
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
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
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
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
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
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
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
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
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
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
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
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
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

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	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	Tue 4pm	Tue 5pm	Tue 6pm	Tue 7pm	Tue 8pm	Tue 9pm	Tue 10pm	Tue 11pm		
610 Bridge	4	4	4	4	4	5	6	7	6	5	4	4	3	3	2	2	2	1	1	1	1	2	3	6	5	6	6	7	7	7	8	11	11	12	10	8	7	4
	5	6	6	7	6	7	8	8	8	7	7	6	5	5	3	3	3	1	1	1	2	3	6	7	8	8	9	10	11	11	11	12	10	8	7	7		
	E	E	E	E	E	E	ESE	SE	SSE	SSE	SSE	S	S	S	S	S	S	WSW	NE	ENE	ENE	ENE	ESE	ESE	ESE	ESE	ESE	ESE	SE	SE	SE	SE	SE	SE	SSE	SSE		
Kinder 1	4	4	4	4	4	5	6	7	6	5	4	4	3	3	2	2	2	1	1	1	1	2	4	5	6	6	7	7	7	8	9	9	9	7	6	5	4	
	5	6	6	7	6	8	8	8	8	7	7	6	5	5	3	3	3	1	1	1	2	3	6	7	8	8	9	10	11	11	11	11	10	8	7	7		
	E	E	E	E	E	ESE	ESE	SE	SSE	SSE	SSE	S	S	S	S	S	S	W	NE	NE	ENE	ENE	E	ESE	ESE	ESE	ESE	SE	SE	SE	SE	SE	SE	SE	SSE	SSE		
Greens Bayou	4	4	4	4	4	5	6	7	6	5	4	4	3	3	2	2	2	1	1	1	2	2	4	4	6	6	7	7	8	9	9	9	9	7	6	5	4	
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	E	E	E	E	E	ESE	ESE	SE	SSE	SSE	SSE	S	S	S	S	S	S	WSW	NE	NE	NE	ENE	E	ESE	ESE	SE	SE	SE	SE	SE	SE	SE	SE	SSE	SSE	SSE		
Shell Crude	4	4	4	4	5	6	7	7	6	5	4	4	3	3	2	2	2	1	1	1	2	3	4	5	6	7	7	8	8	9	9	9	7	6	5	5		
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Lynchburg Ferries	4	4	4	5	5	6	7	7	6	6	5	4	4	3	3	2	2	1	1	2	2	3	4	5	6	7	8	9	9	10	10	9	8	7	6	5		
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Exxon 3	4	4	5	5	6	7	8	8	7	6	5	5	4	4	3	3	3	2	2	3	3	3	5	5	7	7	8	9	10	11	11	10	8	7	7	6		
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Morgans Point	5	5	5	6	7	8	9	9	9	8	7	6	5	5	4	4	3	3	3	4	4	5	6	7	8	9	10	12	13	14	14	13	12	11	10	9	8	8
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75/76	5	5	5	6	8	9	11	12	11	10	8	8	7	7	6	6	5	4	4	4	5	6	7	7	7	8	9	11	12	13	14	13	12	11	11	11		
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63/64	5	4	5	6	7	9	11	12	11	10	9	8	7	7	6	6	5	4	4	4	5	6	7	7	7	8	9	10	12	13	13	13	13	12	10	11	11	
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51/52	5	5	5	5	7	9	10	11	10	9	8	8	7	7	6	5	5	4	4	4	5	6	7	7	8	8	9	10	11	12	12	12	12	11	10	10	11	
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25/26	7	7	7	7	7	8	8	8	7	7	7	7	6	6	5	5	4	3	4	4	5	6	7	7	7	8	9	9	9	9	9	9	9	8	8	9		
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1 & 2 Bravo	7	7	7	7	7	8	9	9	9	8	8	8	8	7	7	6	6	5	7	6	7	8	8	8	9	8	8	8	8	8	9	10	10	10	10	11		
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Houston Pilots: Mon. 9/18/2023

Forecast Discussion

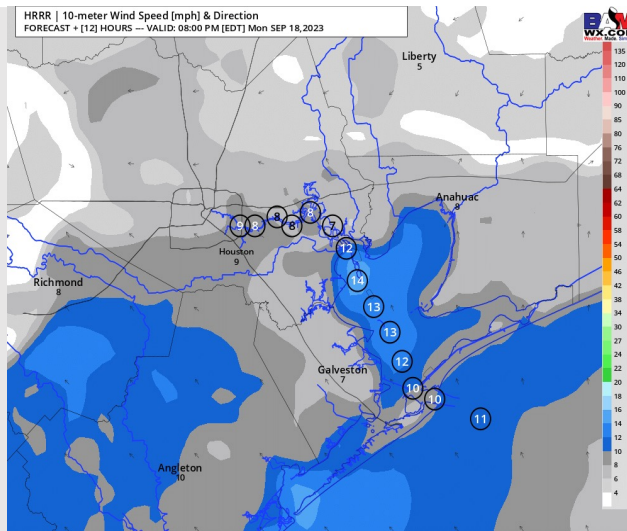
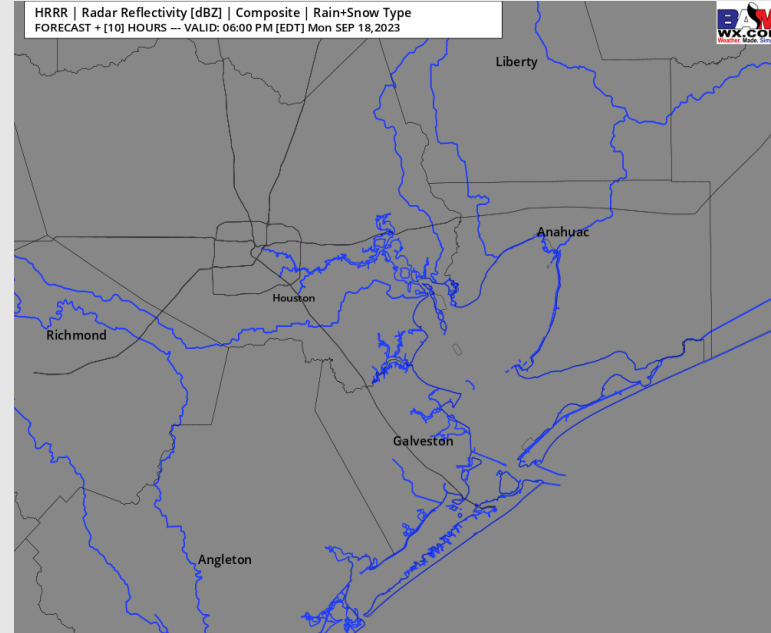
Precip: Favoring dry conditions for the rest of the day.

Wind: Winds will continue to shift and be out of the SE by 3 PM for stations south of Morgan's Point. Winds N of Morgan's Point will remain 4-9 kts the rest of the day. Winds S of Morgan's Point will increase to 11-16 kts by 3 PM and remain the rest of the day.

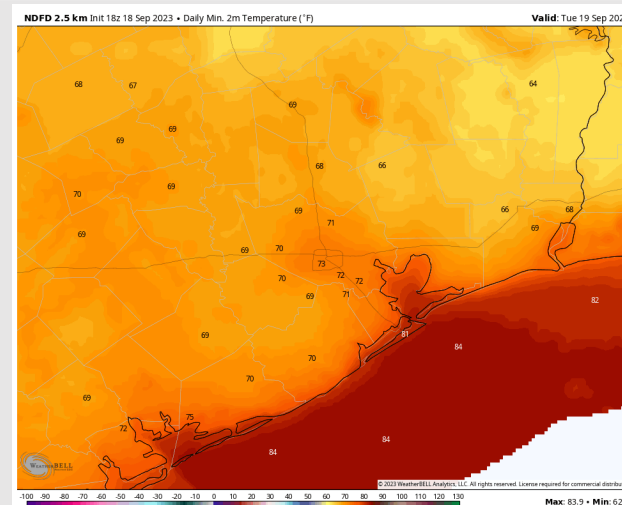
Low Temps: S of Morgan's Point: Low/Mid 80s F. N of Morgan's Point: Low 70s F.

Visibility: Not anticipating any fog issues currently.

Precip Image: 5 PM CT



Wind Speed:
7 PM CT



Low Temps
Tuesday

Houston Pilots: Tue. 9/19/2023

Forecast Discussion

Precip: Currently favoring dry conditions on TUE.

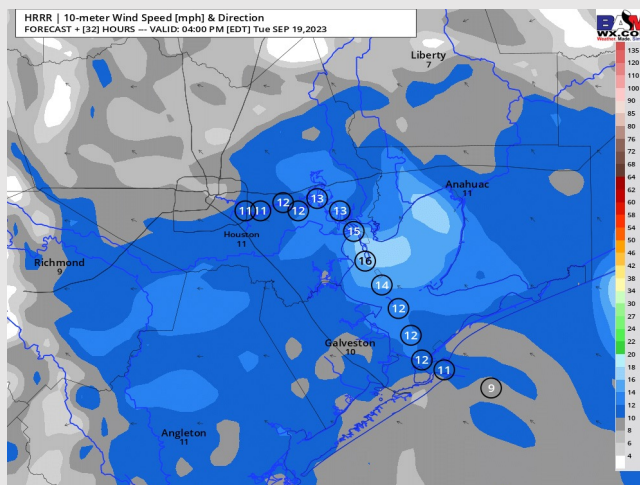
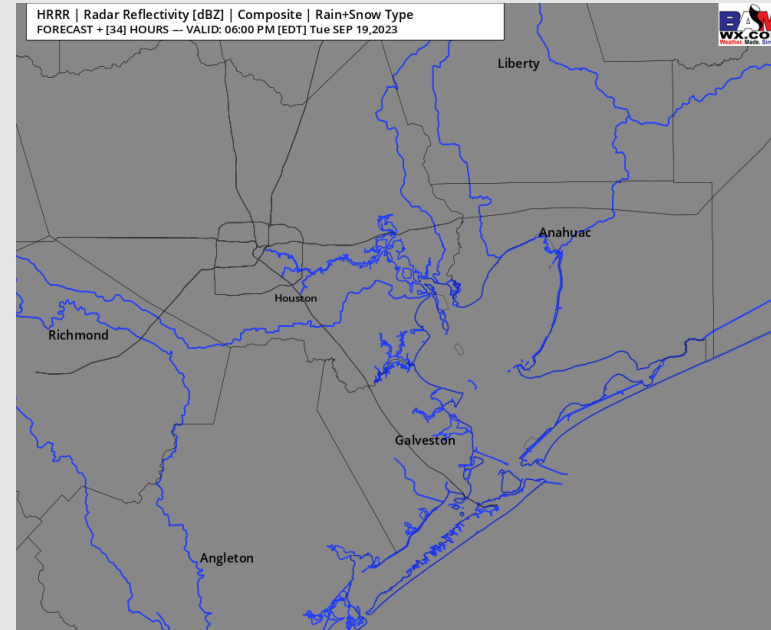
Wind: Winds will continue out of the SE though the entirety of the day. AM winds are expected to be light, generally around 5 – 10 knots sustained. Winds pick up slightly into the afternoon sustained to around 9 – 14 knots for all stations, with a slight decrease to 5-10 kts after 9 PM N of Morgan's Point.

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

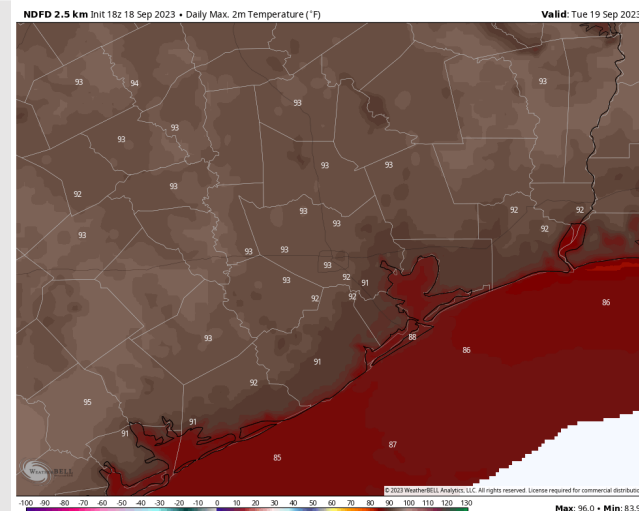
Visibility: Not anticipating any further visibility issues currently.

Precip Image: 5 PM CT

HRRR | Radar Reflectivity [dBZ] | Composite | Rain+Snow Type
FORECAST + [34] HOURS — VALID: 06:00 PM [EDT] Tue SEP 19, 2023



Wind Speed:
3 PM CT



High Temps
Tuesday

Forecast Discussion

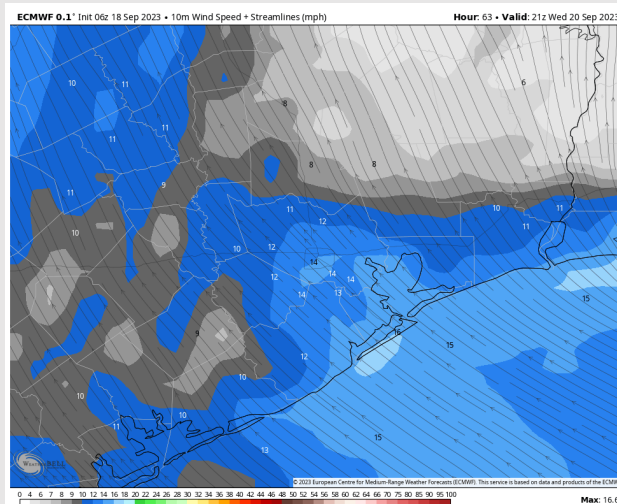
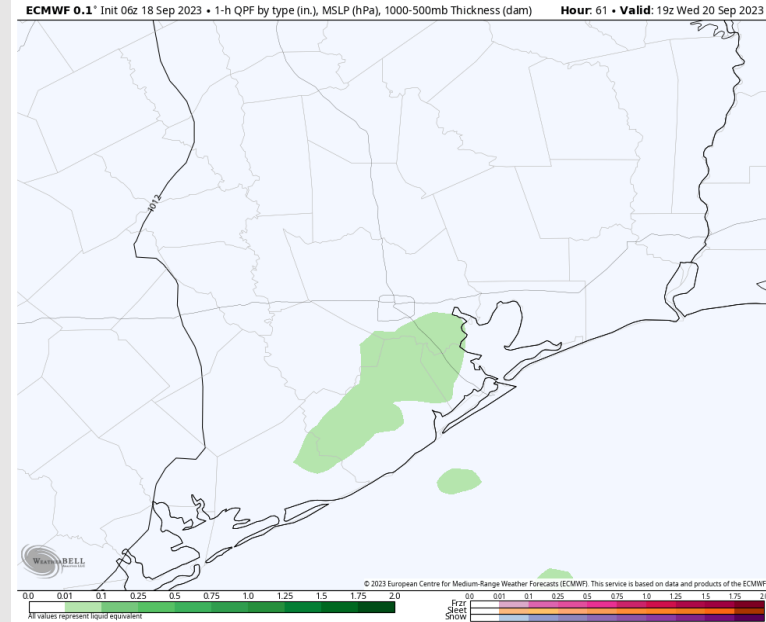
Precip: Dry conditions favored throughout the morning Wednesday with low end threat (10%) of light showers between 12-6 PM.

Wind: SE winds will continue through the day Wednesday as well. Winds anticipated to be 5-10 kts N of Morgan's Point through 10 AM and after 9 PM, while increasing to 9-14 kts from 10 AM to 9 PM. Winds S of Morgan's Point will be 11-16 kts throughout majority of the day with a slight increase to 15-19 kts near the boarding station after 9 PM.

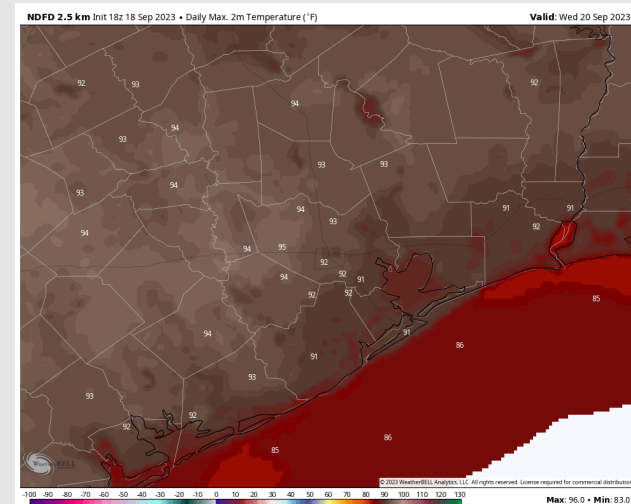
High Temps: S of Morgan's Point: Mid 80s F. N of Morgan's Point: Low 90s F.

Visibility: No visibility concerns currently.

Precip Image: 2 PM CT



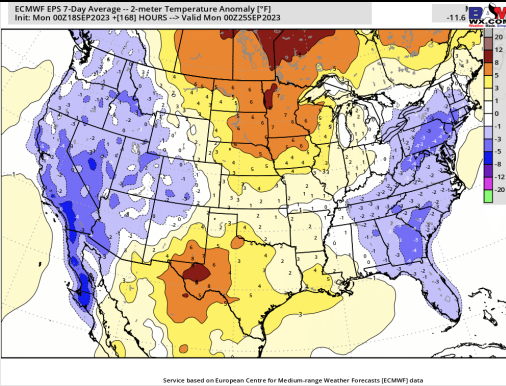
Wind Speed:
4 PM CT



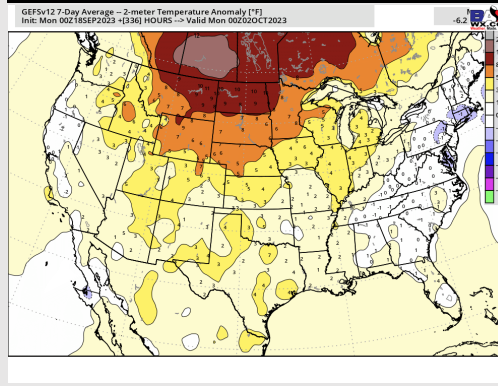
High Temps
Wednesday

Houston Pilots: 9/18/23

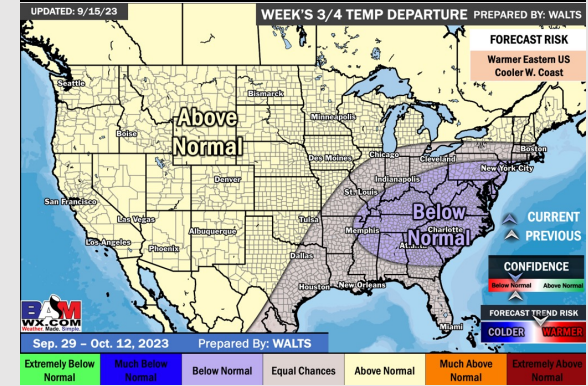
Next 7 Day Temperature Departure



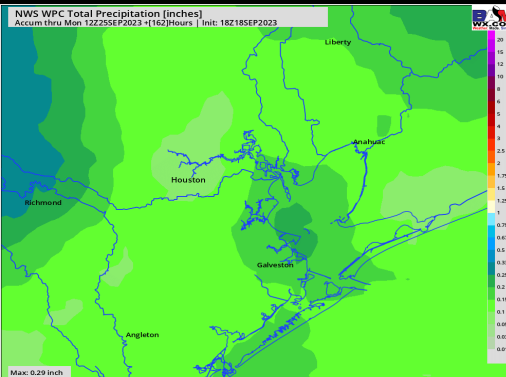
8-14 Day Temperature Departure



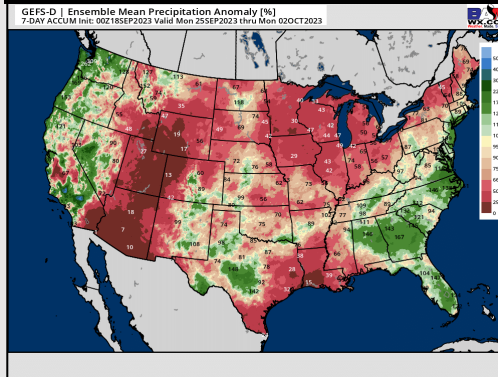
15-30 Day Temperature Departure



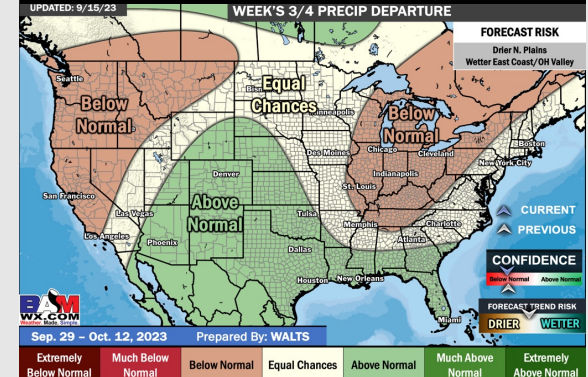
Next 7 Day Total Precipitation



8-14 Day % of Average Precip.



15-30 Day % of Average Precip.



- Rain chances will be on the increase heading into the weekend although lower confidence on exact details at this distance. Chances will be elevated towards next SUN/ MON with the potential passing of a cold front. Above normal temperatures are expected in the meantime.
- Expecting below normal precipitation chances and above normal temperatures for the week 2 timeframe.
- Near normal temperatures and above normal chances for precipitation are favored in the weeks 3/4 timeframe.