

Houston Pilots Forecast Package



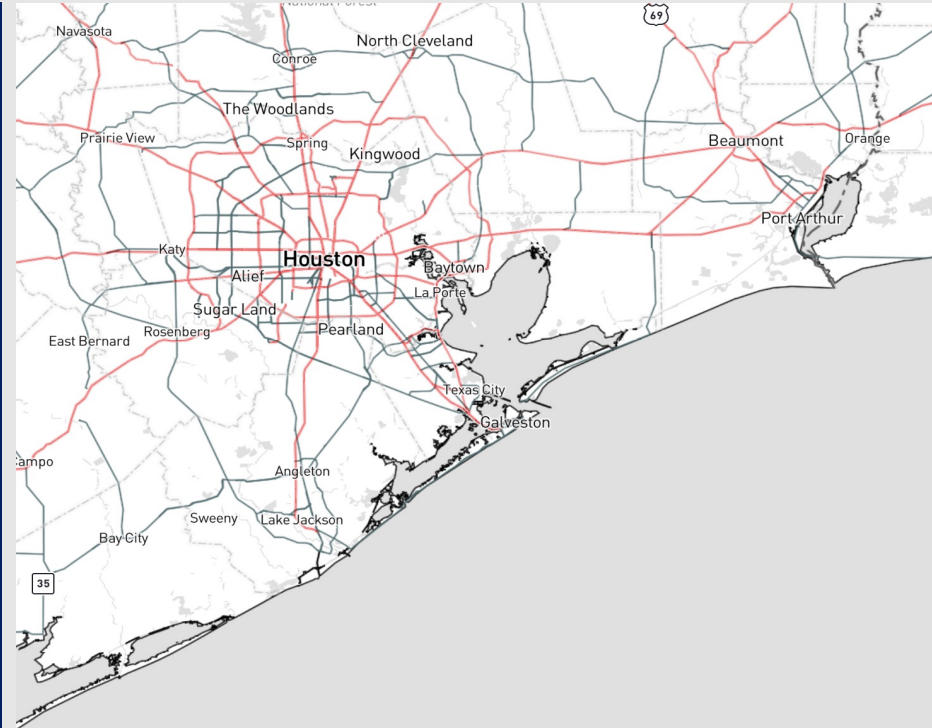
Updated: 4:40 AM CT

Tuesday, October 10, 2023

Forecaster: Will Danby

Weather Headlines

- Favoring dry conditions through early afternoon, with chances of more persistent rain increasing through the evening and continuing through Wednesday PM.
- Winds to increase as a very weak tropical system eventually pushes northeast towards FL. **In the afternoon on WED, a few gusts of up to 25 kts are possible.**
- A system developing west of the Yucatan Peninsula that will not directly impact HOU and pass to the east.
- **Wave Heights for the Boarding Station of up to 3-5 feet will be possible Wednesday PM, but not favoring 6' trigger threshold to be breached at any time.**



Radar/NWS Alerts: 4:38 AM CT



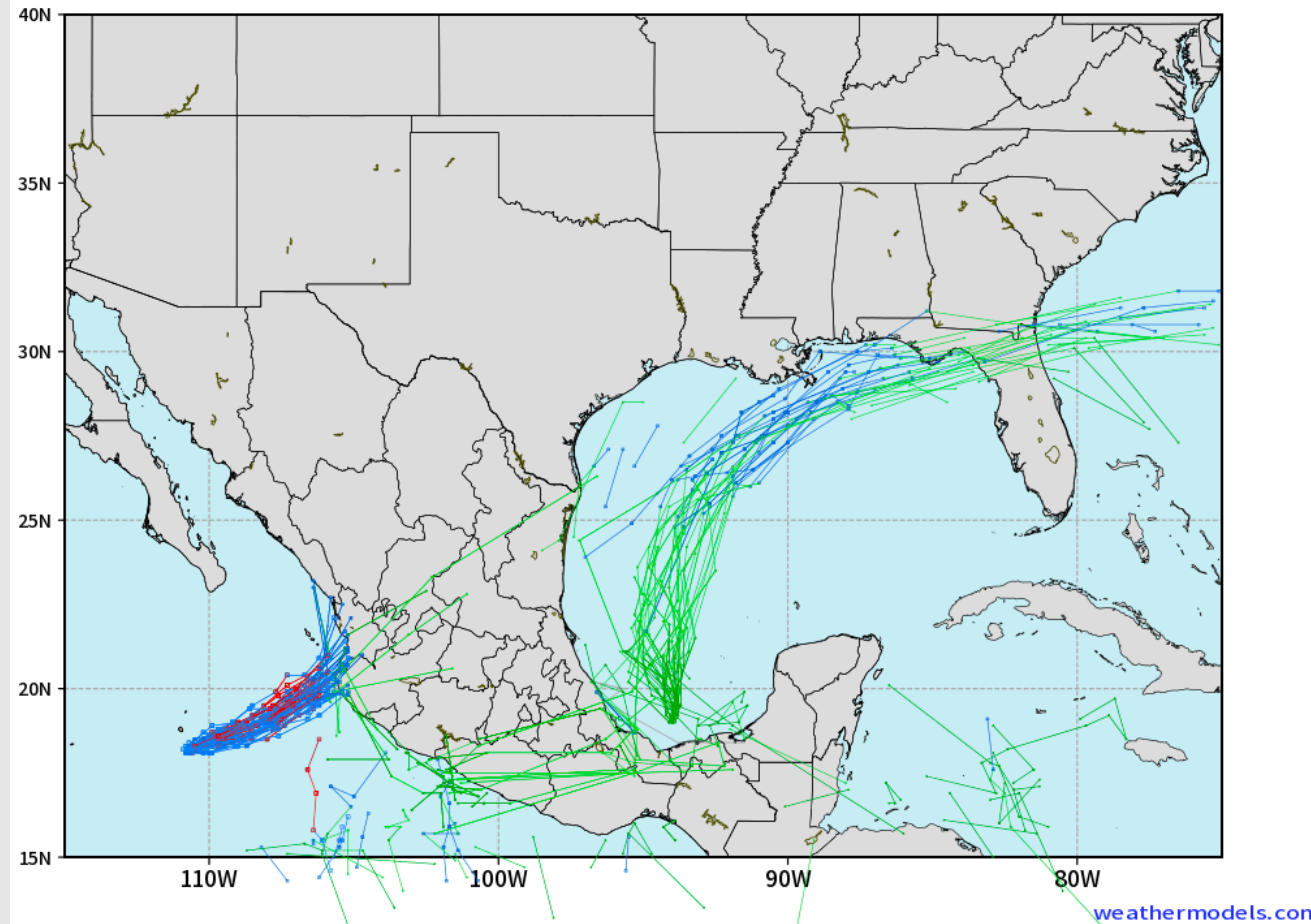
As always, please do not hesitate to reach out to us with any forecast questions via the chat option on the Weather Porthole or our on-call number, **(317)-560-8122** press 1 for forecast questions.

Houston Pilots Tropical Update

European Model Next 10 Days Tropical Tracks

ECMWF GULF EPS Cyclone Locations --> Next [10-days]
INIT: 00Z10OCT2023 --> 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



A tropical system will develop west of the Yucatan Peninsula this week and move northeast toward the Florida Panhandle.

This system will not directly impact the HOU area this week.

Houston Pilots Visibility Chart (miles)



Time	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	Wed 12am	Wed 1am	Wed 2am	Wed 3am	Wed 4am	Wed 5am	Wed 6am	Wed 7am	Wed 8am	Wed 9am	Wed 10am	Wed 11am	Wed 12pm	Wed 1pm	Wed 2pm	Wed 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	7	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	7	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	8	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	8	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	8	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	8	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	8	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	8	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	8	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	8	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	8	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	8	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	8	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	9	10	9	8	8	8	9	9	9	9	9	9	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	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	Wed 12am	Wed 1am	Wed 2am	Wed 3am	Wed 4am	Wed 5am	Wed 6am	Wed 7am	Wed 8am	Wed 9am	Wed 10am	Wed 11am	Wed 12pm	Wed 1pm	Wed 2pm	Wed 3pm
610 Bridge	1	0	1	1	2	2	4	4	4	5	5	6	7	7	7	7	5	5	5	4	3	4	4	3	3	4	5	5	6	7	8	9	9	9	9	9
	2	1	1	2	3	4	6	6	7	7	8	9	10	10	10	10	8	7	7	7	5	6	5	5	5	6	7	8	10	11	12	14	14	13	13	14
Kinder 1	1	0	1	1	2	2	4	4	5	5	5	6	7	7	7	7	5	5	5	4	3	4	4	3	3	4	5	6	7	7	8	9	9	9	9	9
	2	1	1	2	3	4	6	6	6	7	7	9	9	10	10	9	8	7	7	5	6	5	5	5	6	7	8	10	11	12	13	14	14	13	14	
Greens Bayou	1	0	1	1	2	2	4	4	4	5	5	6	7	7	7	6	6	5	5	4	3	4	3	3	3	4	5	6	7	7	8	9	9	9	8	9
	2	1	1	2	3	4	6	6	6	7	7	9	10	10	10	9	8	7	7	6	5	6	5	5	5	6	7	8	10	11	13	13	14	14	13	14
Shell Crude	1	0	1	1	2	2	4	4	5	6	6	7	7	8	7	7	6	5	5	4	3	4	3	3	4	4	5	6	7	8	9	9	9	9	9	9
	2	1	1	2	3	4	6	6	6	7	8	9	10	10	10	9	8	7	7	5	6	5	5	6	6	7	9	11	11	13	14	14	14	13	14	
Lynchburg Ferries	2	1	1	2	2	3	4	4	5	6	6	7	8	8	8	7	6	6	5	4	4	4	4	4	5	6	7	8	9	9	10	10	9	10	10	
	3	1	1	2	3	4	6	6	6	7	8	9	10	11	10	10	8	8	8	7	6	6	6	6	6	6	7	9	11	11	13	14	14	14	13	14
Exxon 3	2	1	1	2	2	3	4	4	5	6	6	7	8	8	9	8	7	6	6	5	5	5	5	5	6	7	8	9	9	10	10	10	10	10	10	
	3	2	2	3	3	4	6	6	7	8	8	9	10	11	10	10	9	8	8	7	6	6	6	7	7	9	10	11	12	13	14	15	15	14	15	
Morgans Point	3	2	2	3	3	4	5	5	6	7	8	8	9	10	10	9	8	8	7	6	6	6	6	7	7	9	9	10	11	11	12	12	11	11	11	
	4	3	3	3	4	5	6	7	7	8	9	10	11	12	11	11	10	10	9	8	7	7	7	8	9	9	11	11	12	13	15	15	16	16	15	16
75/76	3	2	2	3	4	5	6	6	7	7	8	9	10	11	12	12	11	11	10	9	8	7	8	9	10	10	12	13	14	15	15	15	15	15	13	14
	4	3	3	3	5	6	7	7	8	9	10	11	11	12	13	13	12	11	10	9	8	8	9	10	11	12	13	14	15	16	17	18	18	18	18	18
63/64	3	2	2	2	4	5	6	6	7	7	8	9	9	11	12	11	10	10	9	8	8	8	10	10	11	13	14	15	16	17	17	17	16	15	15	
	3	2	2	3	5	6	7	8	8	9	9	10	11	12	13	12	11	11	10	9	9	9	10	11	12	15	15	17	18	18	18	19	20	19	19	
51/52	3	2	2	3	4	5	6	6	7	7	8	9	10	11	11	11	10	9	9	8	8	8	9	10	11	13	14	15	16	17	17	18	18	17	16	15
	3	2	2	3	5	6	7	8	8	9	9	10	11	12	12	11	10	10	9	8	8	8	9	10	11	12	14	15	17	18	19	20	20	20	19	
37/38	2	2	2	2	4	5	7	6	7	8	7	8	8	9	10	11	10	9	8	8	8	8	8	9	10	11	12	13	15	17	18	18	19	18	17	16
	3	3	2	3	5	6	7	7	8	9	9	9	9	10	11	12	11	10	9	9	8	8	9	10	11	12	13	15	17	19	20	20	21	20	19	
25/26	3	2	2	3	4	5	6	6	7	8	8	8	7	8	9	9	8	8	7	7	7	7	8	9	9	11	12	14	16	17	17	18	18	18	16	
	4	3	3	3	5	6	7	7	8	9	8	9	9	10	10	10	9	9	8	8	8	8	9	10	11	12	14	17	19	20	20	21	20	19		
11/12	3	3	3	4	5	6	7	7	7	8	8	8	8	9	9	9	9	8	8	8	7	7	8	8	9	9	11	12	14	16	17	18	19	19	18	17
	4	4	4	4	5	7	7	7	8	9	8	9	9	10	10	10	9	9	9	8	8	8	9	9	10	11	13	14	17	19	20	21	22	21	21	19
1 & 2 Bravo	5	4	5	5	6	7	7	8	7	7	7	8	8	9	10	11	11	10	9	9	9	9	10	10	11	12	14	15	18	20	22	22	23	23	22	20
	5	4	6	6	6	8	8	8	8	9	8	8	9	10	11	11	11	10	10	10	10	10	11	11	11	13	16	19	22	24	24	25	25	24	22	

NOTE: This is automated data that may/may not agree with the official BAM thinking that's found on the daily slides. This data should be used as a guide only

Forecast Discussion

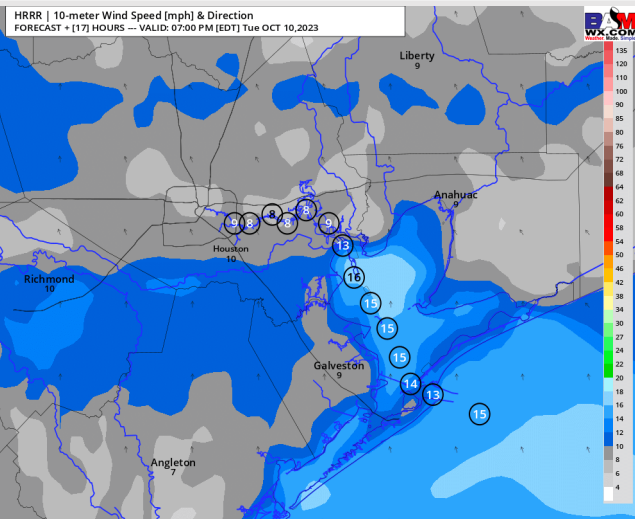
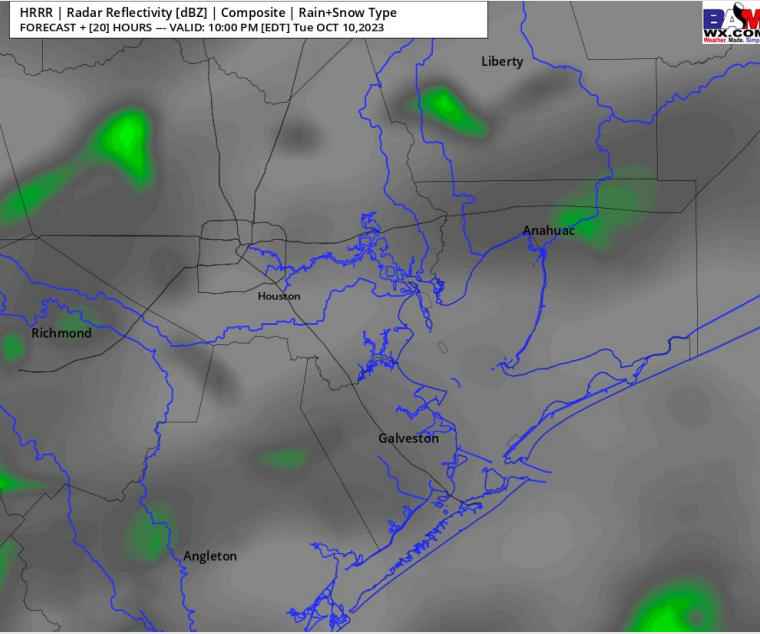
Precip: Favoring dry conditions through 3 PM before, scattered chances (~30%) of light showers work in from the SW from a low-pressure system. Coverage will gradually increase to become more widespread after 10 PM-CT. Best chances for heavy precipitation will sit offshore by ~ 50 miles, but a few moderate bands will be possible during overnight.

Wind: Winds will be out of the S/SE throughout the day Tuesday. For Stations N of Morgan's Point, winds will be at 3-8 kts the entire day outside of a brief window of 5 - 10 kts from 3 - 8 PM. Sustained winds S of Morgan's Point will slowly be increasing for the entirety of the day. Starting at 4 - 9 kts in the early AM, winds will be 5 - 10 kts by 3 PM and 8 - 13 kts by 7 PM. The Boarding Station can see winds increase to 8 -13 kts slightly sooner towards 4 PM.

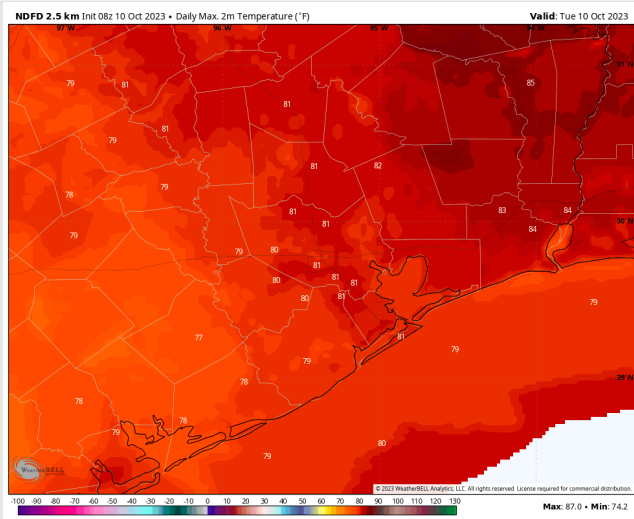
High Temps: N of Morgan's Point: Low 80s F. S of Morgan's Point: Near 80 F

Visibility: Not anticipating any visibility issues currently.

Precip Image: 9 PM CT



Wind Speed:
6 PM CT



High Temps
Tuesday

Forecast Discussion

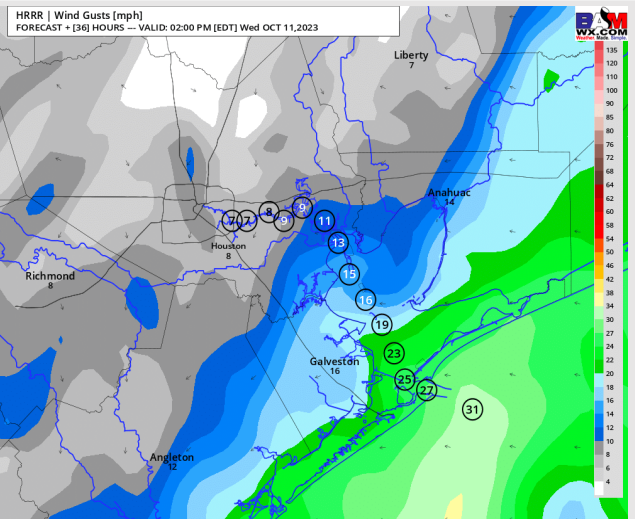
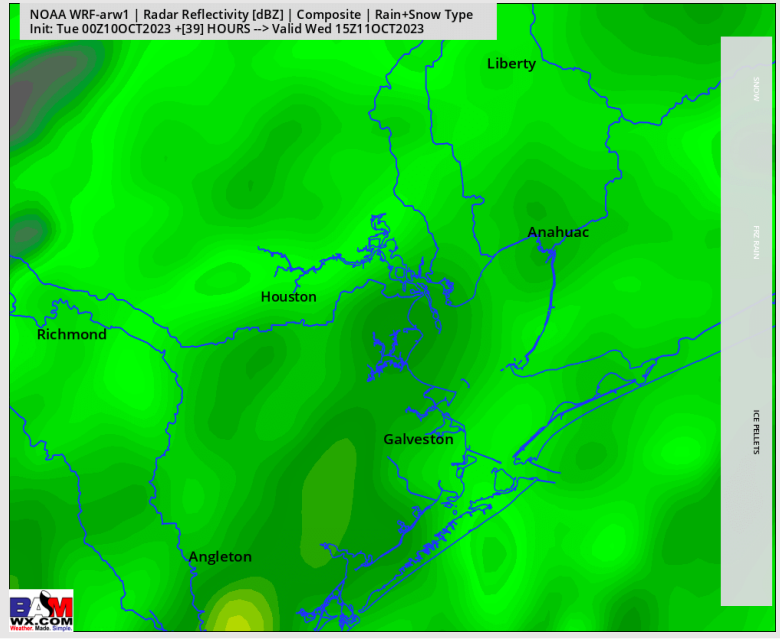
Precip: Scattered/Widespread chances from Tuesday will roll over through the overnight, leaving an additional 70% chance for showers for all Stations through 11 AM, gradually decreasing to 30% from 11AM - 7PM. Dry conditions will be favored for all locations after 7PM, except for an isolated shower for the Boarding Station for the remainder of the evening.

Wind: Winds will be out of the E / ENE throughout the day. For Stations **N of Morgan's Point**, winds will be at 3-8kts throughout the day, aside from a brief increase to 6-11 kts between 12 - 6 PM. Winds **S of Morgan's Point** will increase to 10-15 kts by 9 AM and then again to 14 - 19 kts by 12 PM. **Winds at the Boarding Station and 11/12** are at risk for higher sustained winds of 17 - 22 kts from 11 AM - 3 PM. Gusts of up to 21 - 26 kts are possible after 11 AM for all locations.

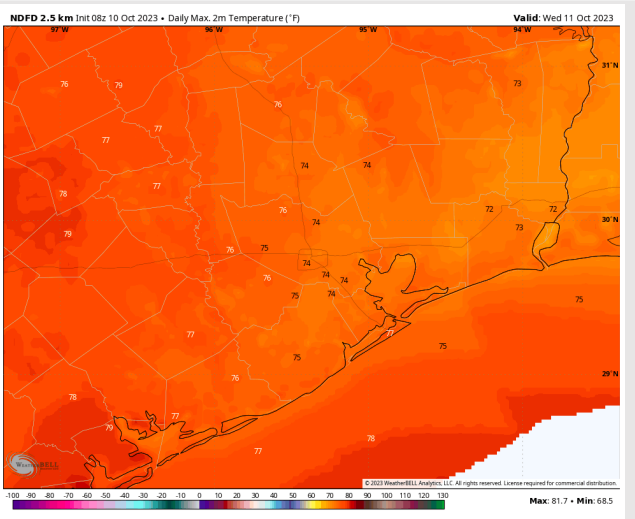
High Temps: **N of Morgan's Point:** Mid 70s F. **S of Morgan's Point:** Mid 70s F.

Visibility: Not anticipating any visibility concerns.

Precip Image: 10 AM CT



**Wind Gusts:
12 PM CT**



**High Temps
Wednesday**

Forecast Discussion

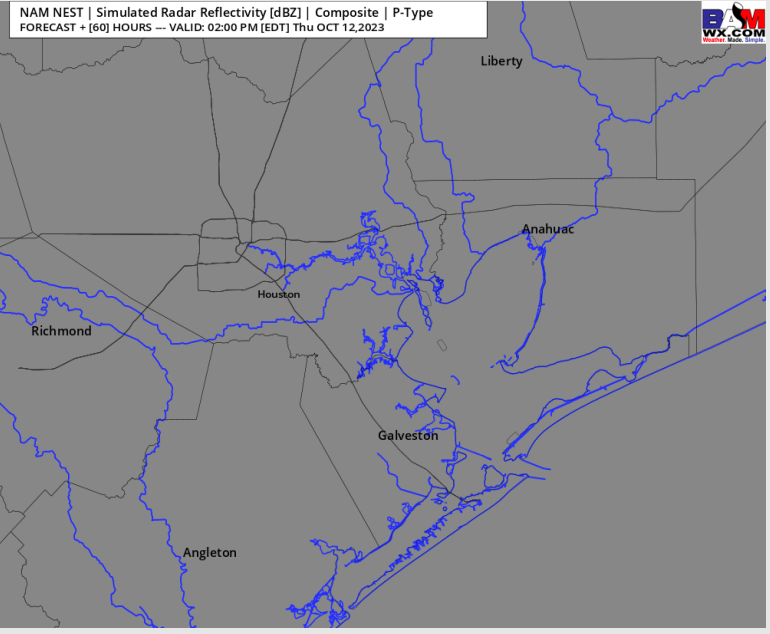
Precip: Favoring dry conditions for all locations, aside from a 10-20% chance of an isolated shower for the Boarding Station. Lower confidence is present after 7 PM, but the potential for ~20% chances can trickle north to locations south of Morgan's Point. The risk is for precipitation chances to trend wetter in the late PM.

Wind: Winds will be out of the ESE/E for the majority of the day. For Stations **N of Morgan's Point**, winds will be at 3-6 kts, increasing to 5 -10 kts towards noon. Winds **S of Morgan's Point** will remain at 8-13 kts for most of the day before weakening to 6 - 11 kts after 10PM.

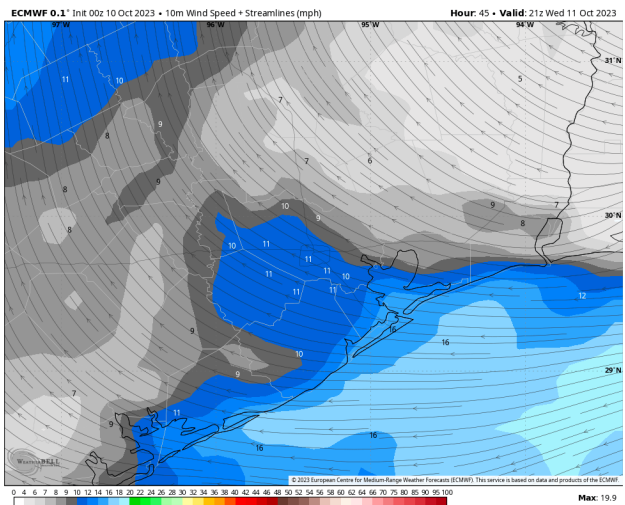
High Temps: **N of Morgan's Point:** Lower to Mid 80's. **S of Morgan's Point:** Lower 80s to 80 F.

Visibility: Not anticipating any visibility issues at this time.

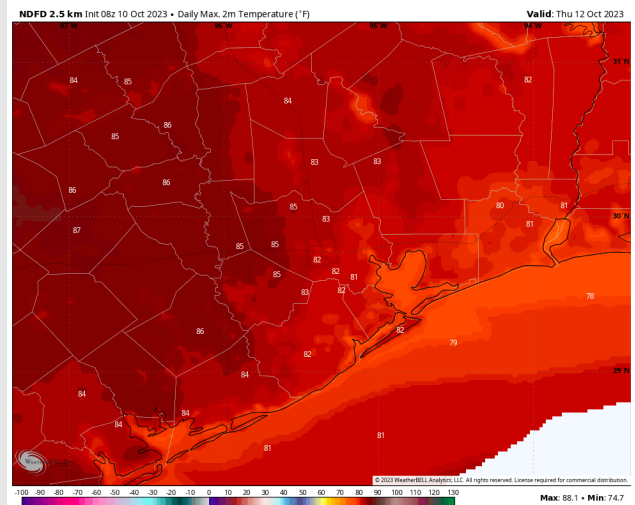
Precip Image: 1 PM CT



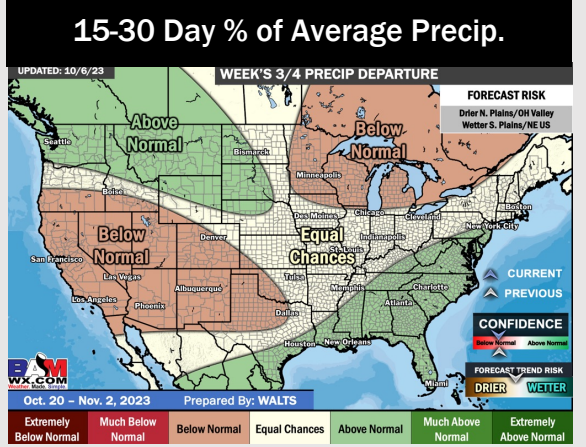
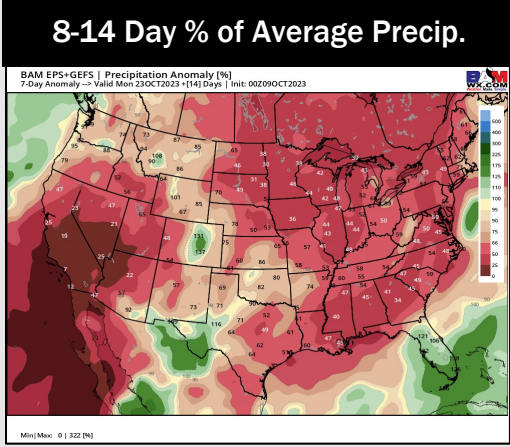
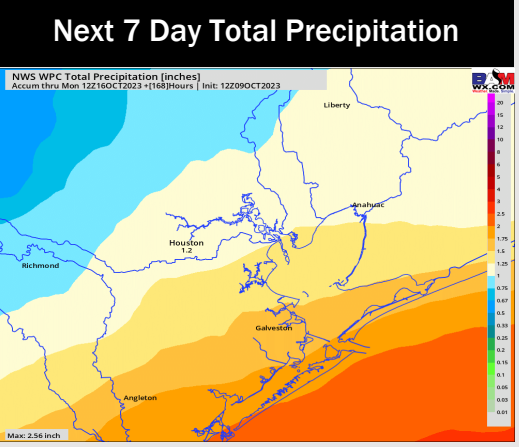
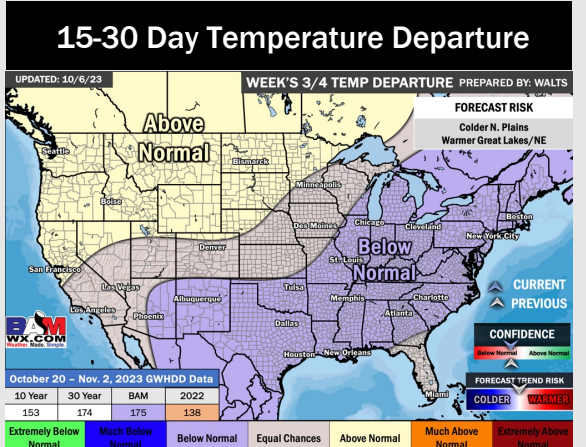
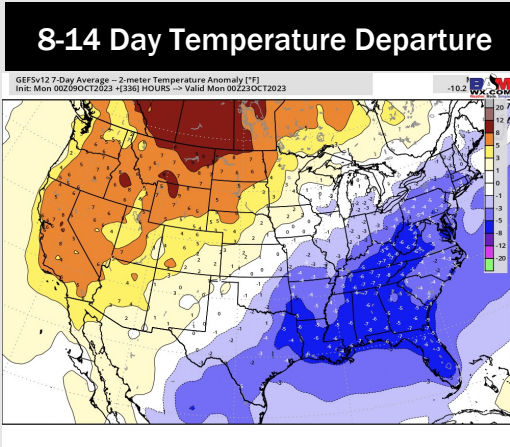
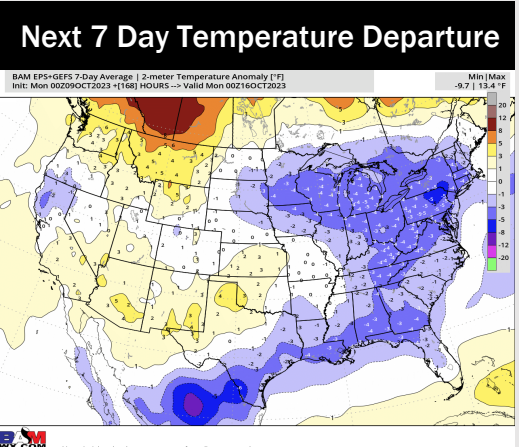
Wind Speed:
4 PM CT



High Temps
Thursday



Houston Pilots: 10/10/23



- Rain chances enter via a low-pressure system . Isolated rain chances will be possible through Friday before the weekend dries out. Temperatures are favored to remain slightly below normal this week.
- Generally drier and below normal temperatures are expected into the week 2 timeframe.
- Below normal temperatures and above normal chances for precipitation are favored in the weeks ¾ timeframe.