

Houston Pilots Forecast Package



Updated: 2:25 PM CT

Sunday, November 12, 2023

Forecaster: Tyler Riggles

Weather Headlines

- Scattered to widespread shower / storm chances will continue through MON bringing heavy rainfall and localized flash flooding potential.
- Sustained winds expected to remain calm N of Morgan's Point. Winds south of Morgan's Point between 15-20 kts today before becoming elevated tomorrow/TUE AM.
- **Monitoring MON for elevated winds S of Morgan's Point and Gusts of 30-40 kts. More details on slides below.**
- **Wave heights of 4- 7 feet are favored Monday afternoon. Check the wave height slide for more details.**



Radar/NWS Alerts: 2:14 PM CT



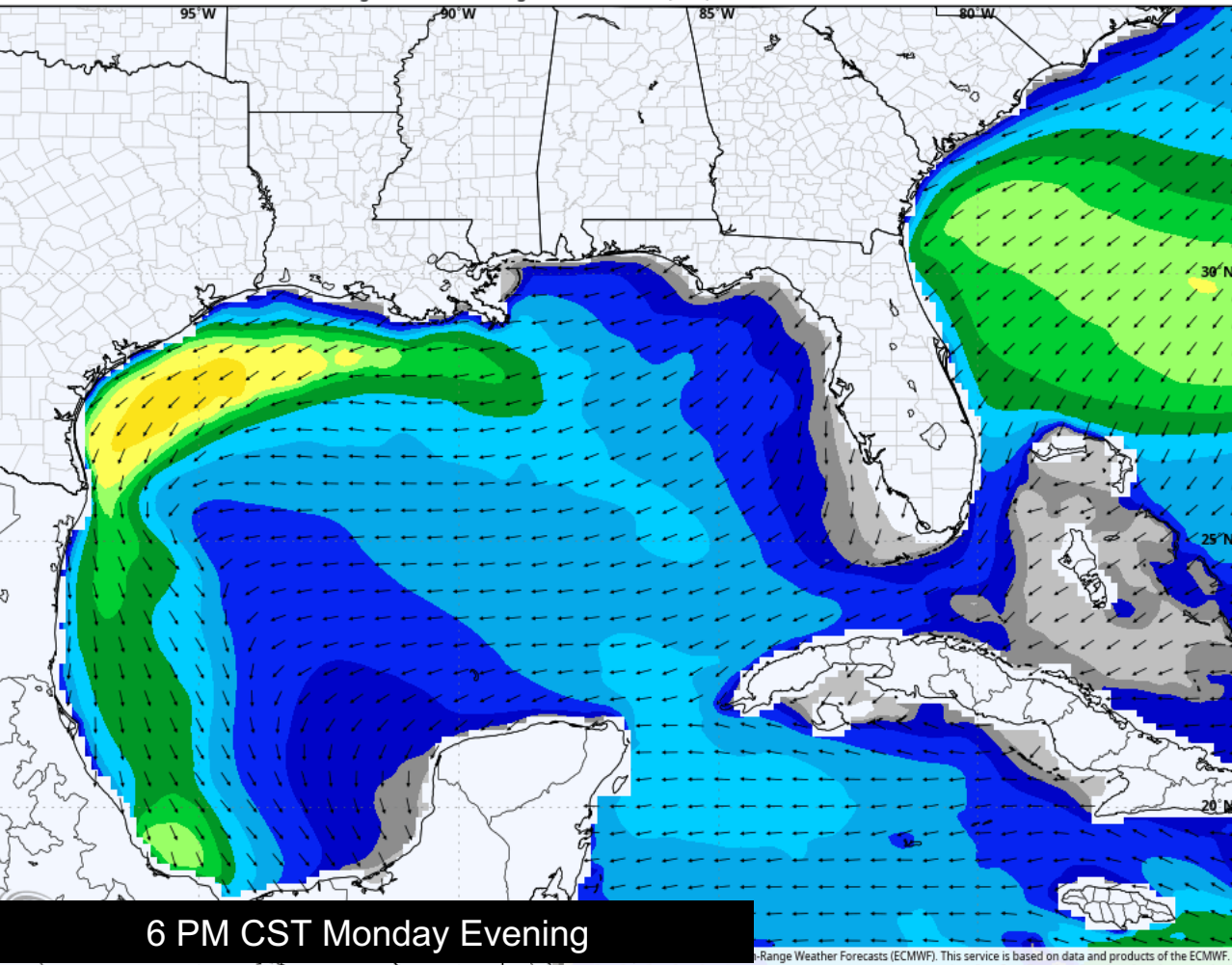
As always, please do not hesitate to reach out to us with any forecast questions via the chat option on the Weather Porthole or our on-call number, **(317)-560-8122** press 1 for forecast questions.

Houston Pilots Wave Height Update

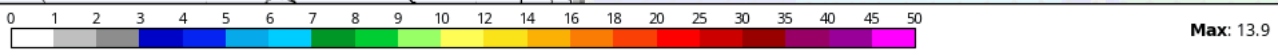


Significant Wave Height Image

ECMWF 0.125° Init 12z 12 Nov 2023 • Significant Wave Height and Direction (feet) Hour: 36 • Valid: 00z Tue 14 Nov 2023



6 PM CST Monday Evening



The Image to the left shows wave heights around 6 PM CST Monday. While the height values are underdone, it shows the best corridor where aggravated waters are.

Current thinking is for wave heights to pickup early Monday AM to 3 -5 feet. The peak wave height period will arrive from 3 PM - 9 PM in the afternoon with heights of 4 -7 feet at the Boarding Station.

After 9 PM waves will revert to 4 -6 feet and 3 - 5 feet by midnight.

Houston Pilots Extended Range Visibility Report



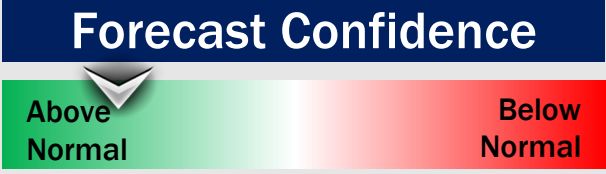
Wednesday 11/15/23

Not anticipating any visibility concerns on Wednesday.



Thursday 11/16/23

No visibility concerns Thursday.



Friday 11/17/23

No visibility concerns Friday via sea fog, but radiational fog (fog over land or north of Morgan's Point) will be possible. Very low confidence as this is 5 days out.



Chance for Fog

Wednesday AM	Unlikely
Wednesday PM	Unlikely
Thursday AM	Unlikely
Thursday PM	Unlikely
Friday AM	Low-End
Friday PM	Unlikely

Houston Pilots Visibility Chart (miles)



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

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



Forecast Confidence



Example

Sustained wind 13 Knots
Gusts 18 Knots
Wind from the N

WS: 13
G:18
N

Time Knots	Sun 1pm	Sun 2pm	Sun 3pm	Sun 4pm	Sun 5pm	Sun 6pm	Sun 7pm	Sun 8pm	Sun 9pm	Sun 10pm	Sun 11pm	Mon 12am	Mon 1am	Mon 2am	Mon 3am	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
610 Bridge	3	3	4	3	3	3	3	4	4	4	5	6	6	6	7	9	10	10	12	12	14	14	14	15	15	14	15	16	14	13	13	12	11	11	10	9
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Kinder 1	SSE	N	NNE	NNE	NNE	NE	NE	NNE	NE	NNE	NNE	NE	NE	NE	NE	NNE	NNE	NNE	NNE	NNE	NE	NE	NE	NE	NE	NE	NE	NE	NNE	NNE	NE	NNE	NNE	NNE	NNE	
	2	4	4	3	3	3	3	4	4	4	5	6	6	6	7	9	10	10	11	12	14	14	14	15	15	14	15	15	14	13	13	12	11	11	10	9
Greens Bayou	9	10	11	10	10	10	11	13	12	15	15	15	15	16	19	13	15	15	17	19	21	21	22	22	21	22	23	21	20	20	18	17	16	16	14	
	WSW	N	NNE	NNE	NNE	NE	NE	NE	NE	NNE	NNE	NE	NE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NNE	NNE	NE	NNE	NNE	NNE	
Shell Crude	2	4	3	3	3	3	5	4	4	4	5	6	6	5	7	9	9	9	11	12	13	14	13	14	14	14	15	14	13	13	12	11	11	10	9	
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Lynchburg Ferries	3	4	3	3	3	4	5	4	4	4	5	6	6	5	7	9	9	10	11	12	13	14	13	14	14	14	14	14	14	14	13	12	12	11	10	10
	ENE	NNE	N	NNE	NNE	NE	NE	NE	NE	NNE	NNE	NE	NNE	NNE	NE	NNE	NNE	NNE	NNE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NNE	NNE	NE	NNE	NNE	
Exxon 3	4	5	3	4	4	3	5	4	3	3	4	6	5	5	8	10	10	11	12	12	13	14	13	14	14	14	15	14	14	13	12	12	11	10	10	
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Morgans Point	NNE	NNE	N	NNE	NNE	NNE	NE	NE	NE	NE	NNE	NNE	NNE	NNE	NE	NNE	NNE	NNE	NNE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NNE	NNE	NE	NNE	NNE	NNE	
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63/64	7	7	7	7	7	7	10	11	10	11	12	11	14	11	13	16	16	16	16	17	17	18	17	16	17	17	18	18	18	18	18	17	17	17	16	16
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25/26	8	7	8	9	9	10	10	12	14	13	13	15	12	13	16	16	17	18	19	19	20	20	20	20	21	21	20	20	20	19	18	17	18	17	16	
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1 & 2 Bravo	10	10	11	13	12	13	13	15	16	19	17	17	18	17	17	20	21	21	22	23	24	24	24	24	24	24	24	24	24	23	22	23	22	21	21	
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Houston Pilots: Sun. 11/12/2023



Forecast Discussion

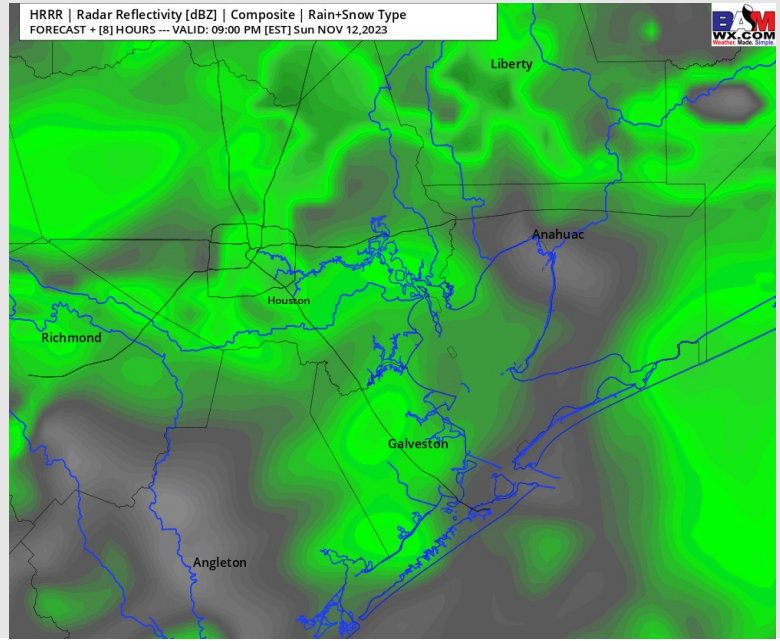
Precip: Isolated drizzle continues to bleed north of the Boarding Station through 3 PM. Light showers press north towards 4 PM, and coverage becomes widespread and persistent by 8 PM this evening. Scattered to widespread rain continues overnight.

Wind: Winds will be out of the NE throughout remainder the day. **N of Morgan's Point:** Winds will remain at 4 - 9 kts throughout the rest of the day **S of Morgan's Point:** Winds will be at 11-16 kts throughout most of the remainder of the day, with an increase to 13 - 17 kts after 8 PM at the Boarding Station. **Wind gusts of 20 - 23 kts will be possible S of Morgan's Point after 11 PM.**

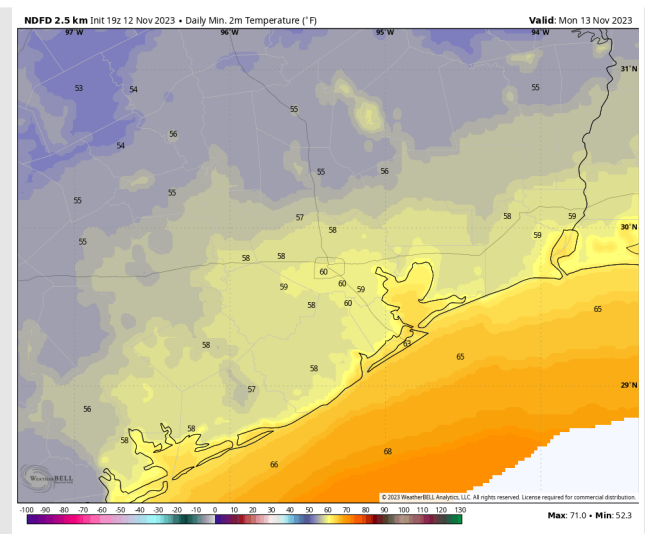
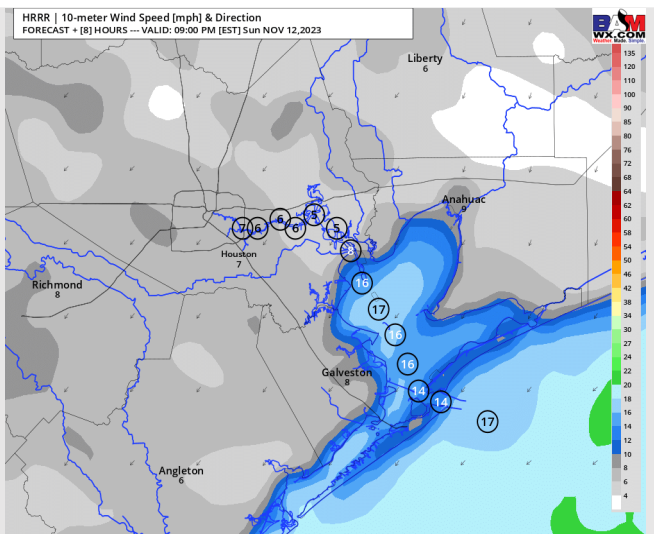
High Temps: **N of Morgan's Point:** Upper 50s near 60 F. **S of Morgan's Point:** Mid 60s F.

Visibility: Not anticipating any visibility concerns for today.

Precip Image: 8 PM CT



**Wind Speed:
8 PM CT**



**Low Temps
MON AM**

Forecast Discussion

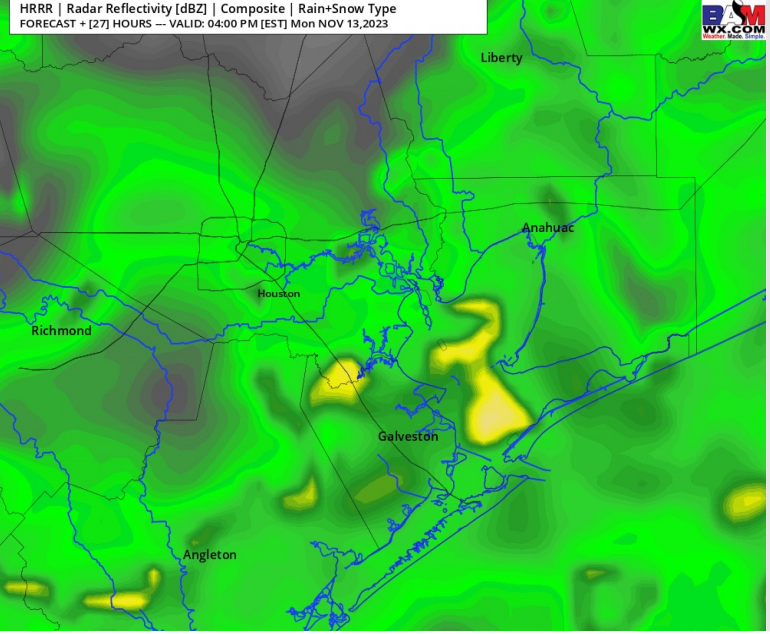
Precip: Widespread moderate/heavy showers will continue through 8 PM on MON. After 8 PM, coverage will gradually decrease with mostly dry conditions N of Morgan's Point after midnight. Data has trended with a slower exit on rainfall. Isolated drizzle can carry into TUE AM. 1 - 3 inches of rain are favored, with heaviest totals sitting at the Boarding Station and lightest at the 610 bridge.

Wind: Winds will be out of the NE throughout Monday. **N of Morgan's Point:** Winds will increase slightly throughout the early AM, reaching 11 - 16 kts by 10 AM and remaining there the rest of the day. **S of Morgan's Point:** Winds at 16-21 kts through 6 AM MON before increasing to 20-25 kts at 12 PM and remaining there the rest of the day. Winds near the Boarding Station will increase more, from 20 - 25 kts to 23 - 28 kts briefly from 3 - 6 PM. **Wind gusts of 30-35 kts will be possible near the Boarding Station all day and up to 33 - 38 kts between 10 AM and 5 PM. Other stations S of Morgan's Point will be 28 - 33 kts from 11 AM to 4 PM.**

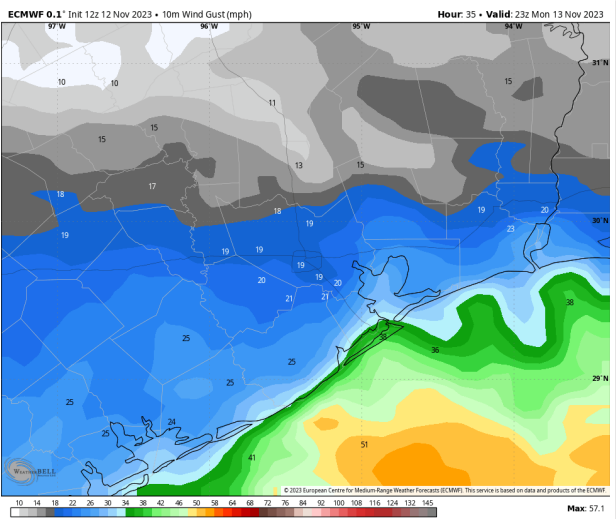
High Temps: Slightly cooler. **N of Morgan's Point:** Mid 60s F. **S of Morgan's Point:** Upper 60s F.

Visibility: No fog concerns favored, however heavy rainfall may slightly reduce visibilities for all Stations.

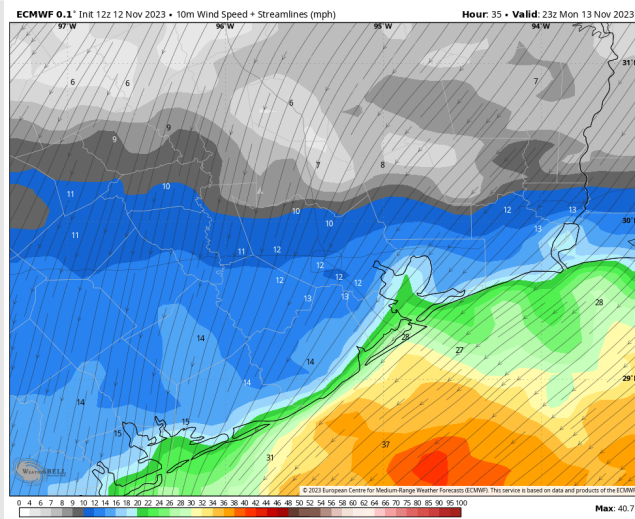
Precip Image: 3 PM CT



**Wind Gusts:
5 PM CT**



**Sustained
Winds 5 PM CT**



Forecast Discussion

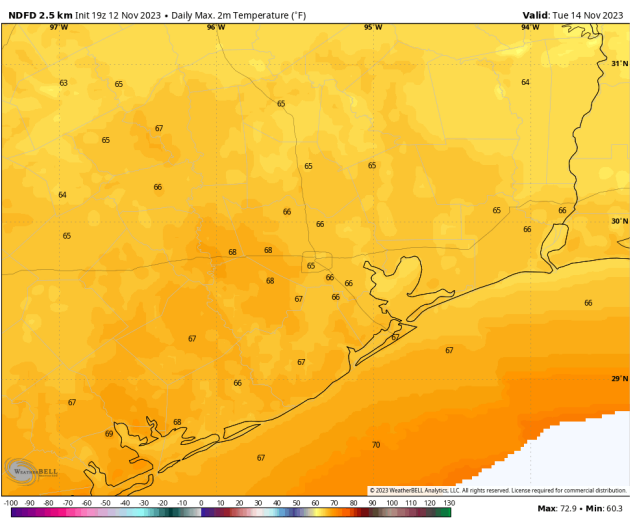
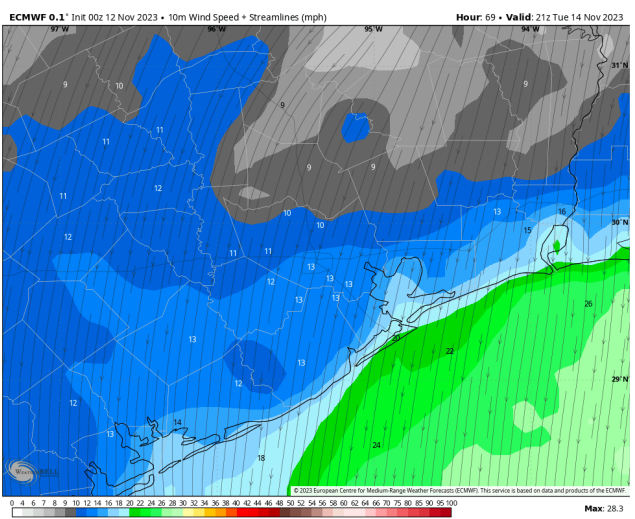
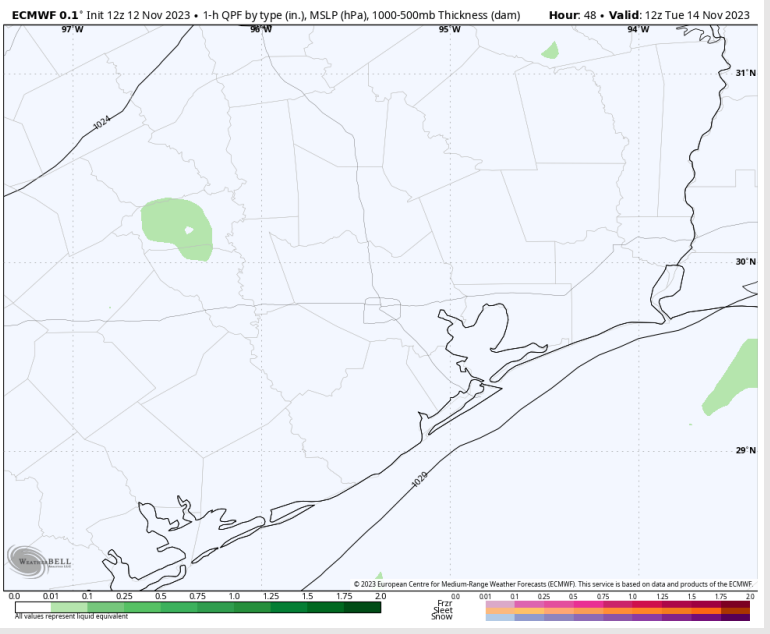
Precip: Anticipating dry conditions for TUE outside of lingering light showers S of Morgan's point until 5 AM.

Wind: Winds will be out of the N/NE for Tuesday, and winds will begin a diminishing phase during the early AM. **N of Morgan's Point:** Winds will be at 8 -13 kts through 6 PM before decreasing to 4-9 kts the rest of the evening. **S of Morgan's Point:** Winds to start off at 18-23 kts before decreasing to 13-18 kts by 9 AM then to 11-16 kts by 6 PM. Winds at the Boarding Station stay elevated at 16 - 21 kts consistently for the whole day.

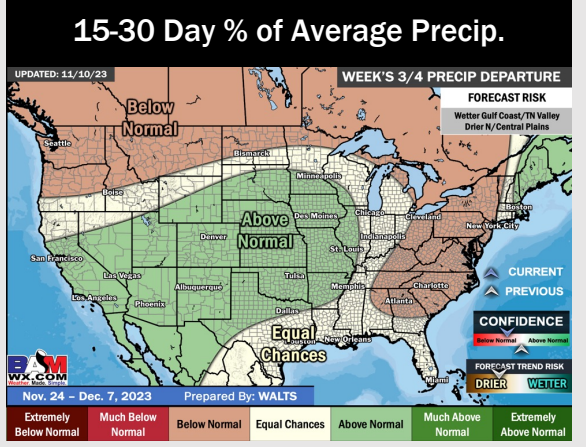
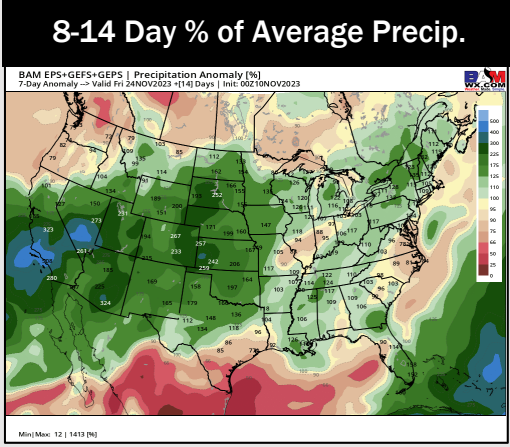
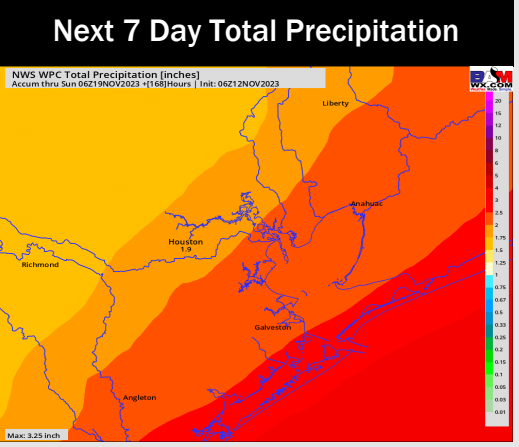
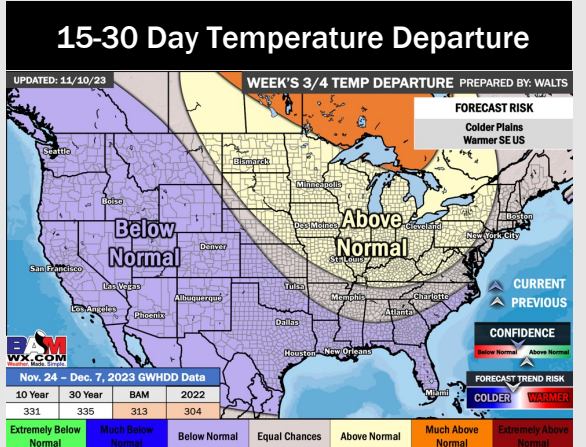
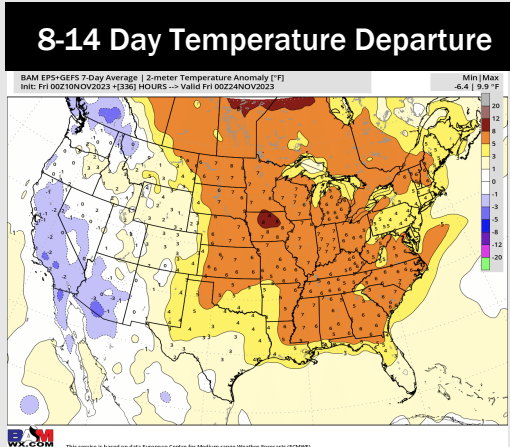
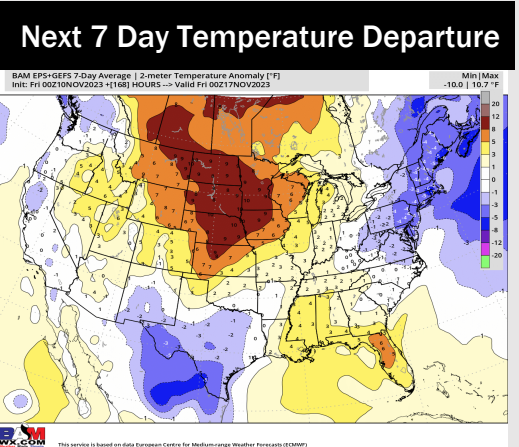
High Temps: **N of Morgan's Point:** Mid to Upper 60's F. **S of Morgan's Point:** Upper 60s F.

Visibility: No reduced visibility is expected for TUE.

Precip Image: 6 AM CT



Houston Pilots: 11/12/23



- Moderate to heavy rain chances expected to be a continued risk through MON as a low-pressure system stalls offshore. Conditions will dry out by Tuesday AM. Seasonal temperatures returning this weekend as well, putting week 1 temps near normal.
- Slightly below normal rainfall and above normal temperatures are expected into the week 2 timeframe.
- Below normal temperatures and near normal chances for precipitation are favored in the weeks 3/4 timeframe.