

Houston Pilots Forecast Package



Updated: 2:00 PM CT

Monday, November 13, 2023

Forecaster: Jonathan Kipper

Weather Headlines

- Scattered to widespread shower / storm chances will continue today, bringing heavy rainfall and localized flash flooding potential.
- Sustained winds expected to remain calmer N of Morgan's Point. Winds south of Morgan's Point become elevated today/TUE AM.
- Elevated winds S of Morgan's Point and Gusts of 30-40 kts today. More details on slides below.
- Wave heights of 4- 7 feet are favored this afternoon with a few peak heights to 8 feet. Check the wave height slide for more details.



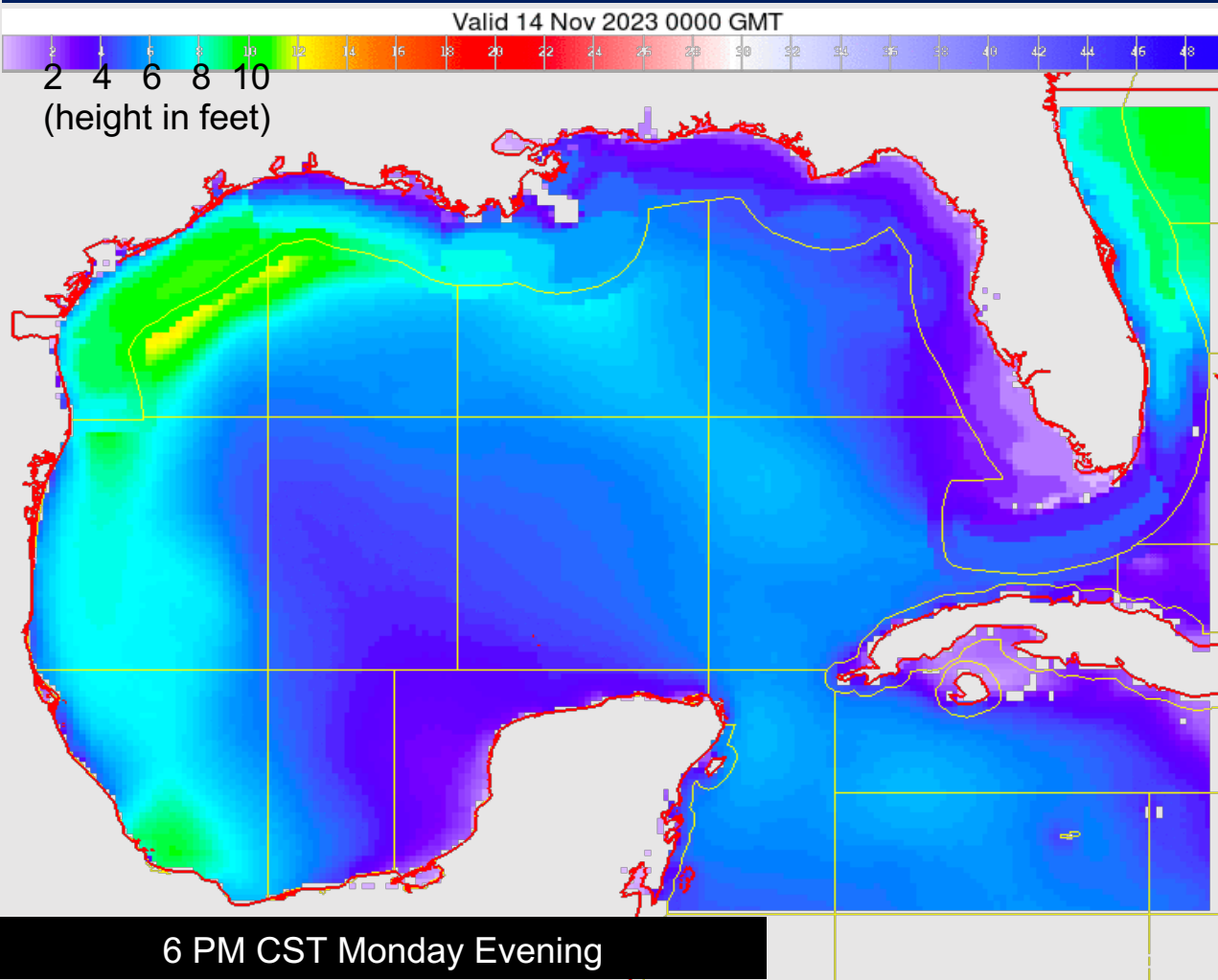
Radar/NWS Alerts: 1:55 PM CT



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



NHC/TAFB Gridded Marine Forecasts

The Image to the left shows wave heights around 6 PM CST this evening. While higher resolution data is limited, this at least serves where the most turbulent waters will be.

The highest wave heights will be from now through 4 PM at 5 - 7 ft and an occasional swell of 8 ft. From 4 PM - 12 AM waves return to the 4 - 7-foot range, and then back to 3 - 5 ft for the early AM hours Tuesday (midnight - 4 AM). Waves will decrease thereafter by sunrise.

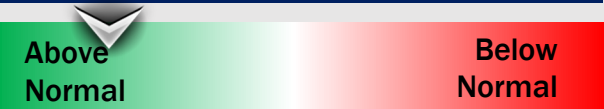
Houston Pilots Extended Range Visibility Report



Thursday 11/16/23

Not anticipating any visibility concerns on Thursday.

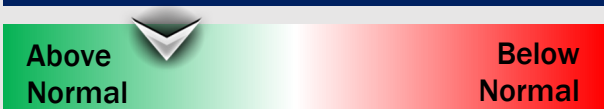
Forecast Confidence



Saturday 11/18/23

No visibility concerns Saturday.

Forecast Confidence



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 4 days out.

Forecast Confidence



Chance for Fog

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

Houston Pilots Visibility Chart (miles)



Time	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	Wed 12am
610 Bridge	6	6	5	6	6	6	7	7	7	7	7	7	9	9	7	7	7	7	9	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
Kinder 1	6	6	5	6	6	6	7	7	7	7	7	7	9	9	7	7	7	6	9	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
Greens Bayou	6	6	6	6	6	6	8	7	7	7	7	7	9	9	7	7	7	6	7	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
Shell Crude	6	6	5	6	6	6	7	7	7	7	7	7	9	9	7	7	7	6	7	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
Lynchburg Ferries	6	6	6	6	6	6	7	7	7	7	7	7	9	9	7	7	7	6	7	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
Exxon 3	6	6	5	6	6	6	6	7	7	7	7	7	9	9	7	7	9	6	7	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
Morgans Point	6	5	5	6	6	6	6	7	7	7	7	7	9	9	7	7	9	6	7	8	9	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
75/76	6	5	5	5	5	6	6	6	7	7	7	7	9	9	7	7	9	6	7	8	9	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
63/64	5	5	5	5	5	6	6	6	7	7	8	8	9	9	7	7	9	7	9	10	9	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
51/52	5	5	5	5	5	6	6	6	7	7	9	9	9	9	7	7	9	7	10	10	9	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
37/38	4	5	5	5	5	6	6	6	7	7	9	9	9	9	7	9	9	9	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
25/26	5	5	5	5	5	6	6	6	6	7	9	9	9	9	7	9	9	9	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
11/12	5	5	5	5	5	6	6	6	6	7	9	9	9	9	7	9	9	9	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
1 & 2 Bravo	3	3	4	4	5	6	5	6	6	6	5	6	6	6	6	6	9	9	9	8	9	9	9	9	9	9	9	9	9	9	9	9	9	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



Forecast Confidence



Example

Sustained wind 13 Knots
Gusts 18 Knots
Wind from the N

WS: 13
G:18
N

Time Knots	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	Wed 12am
610 Bridge	7	7	6	6	6	5	6	5	6	4	4	4	4	5	4	6	7	7	7	7	8	8	7	7	7	7	7	7	7	7	7	6	5	5	4	4
	13	13	13	13	16	16	15	15	17	15	14	14	12	14	12	10	11	10	10	11	13	13	12	11	11	11	11	11	11	11	10	9	8	7	7	
	NE	NE	NE	NNE	NNE	NNE	NNE	NNE	NNE	NE	NE	NNE	NNE	NNE	NNE	N	N	N	N	N	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	N	N	E	N	N	N	
Kinder 1	7	7	6	6	6	5	6	5	6	4	4	4	4	5	4	7	7	7	7	7	8	8	7	7	7	7	7	7	7	7	6	5	5	4	4	
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	NE	NE	NE	NNE	NNE	NNE	NNE	NNE	NNE	NE	NE	NNE	NNE	NNE	NNE	N	N	N	N	N	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	N	NNE	S	N	N	N	
Greens Bayou	7	7	6	6	7	5	5	5	7	4	4	5	4	5	4	7	7	7	7	7	8	8	7	7	7	7	7	7	7	7	6	6	5	5	4	4
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	NE	NE	NE	NNE	NNE	NNE	NNE	NNE	NNE	NE	NE	NNE	NNE	NNE	NNE	N	N	N	N	N	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	N	E	SSW	N	N	N	
Shell Crude	7	7	6	6	7	5	5	6	7	4	4	5	4	5	5	7	7	7	7	8	9	8	8	7	7	7	7	7	7	7	6	6	5	5	5	4
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	NE	ENE	NE	NNE	NNE	NNE	NNE	NNE	NE	NE	NE	NNE	NNE	NNE	NNE	N	N	N	N	N	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	N	SSW	W	N	N	N	
Lynchburg Ferries	7	6	7	6	7	5	4	6	7	4	4	5	4	5	4	7	7	8	8	8	9	8	8	8	8	8	8	8	8	7	6	6	5	5	5	
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Exxon 3	8	7	7	6	7	6	3	6	7	5	4	5	4	4	5	8	8	8	9	9	9	9	8	8	8	8	8	8	8	7	7	6	6	5	5	
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Morgans Point	9	8	9	8	8	5	8	9	9	7	6	7	5	6	7	10	10	10	10	10	10	10	9	9	9	9	9	9	9	9	8	8	7	7	7	7
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63/64	13	12	14	13	14	15	13	16	17	15	15	13	12	12	12	16	16	16	15	15	15	13	11	10	10	11	11	11	11	12	12	11	10	10	10	10
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1 & 2 Bravo	21	19	19	19	19	17	17	16	16	17	18	16	17	14	13	18	18	17	18	17	17	16	15	14	13	12	12	12	12	13	13	12	13	12	12	12
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Houston Pilots: Mon. 11/13/2023

Forecast Discussion

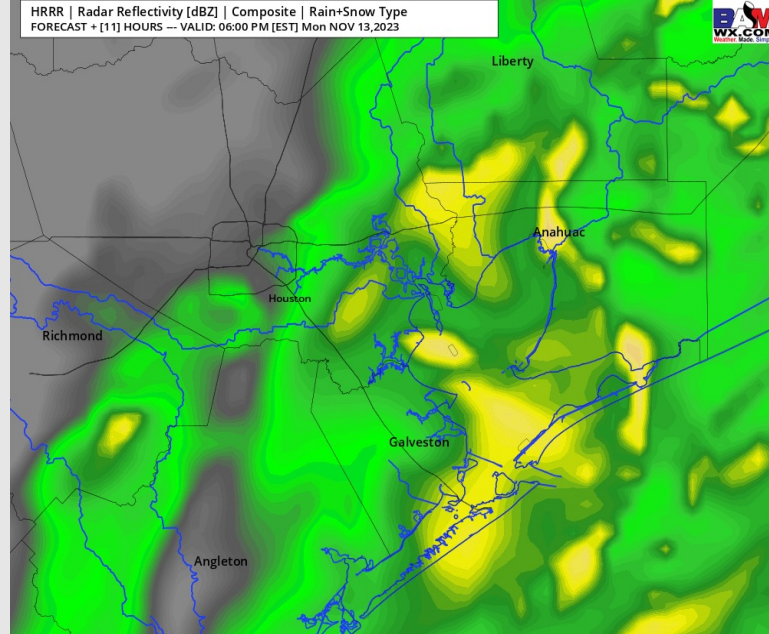
Precip: Widespread moderate/heavy showers will continue through 6 PM today. After 6 PM, coverage will decrease with intensity N of Morgan's Point, allowing for sporadic drizzle/light showers the rest of the day. S of Morgan's Point coverage will gradually decrease and push E, with sporadic chances by 11 PM CT.

Wind: Winds will be out of the NE throughout the rest of the day. **N of Morgan's Point:** Winds will remain consistent at 9 - 14 kts for the entirety of the day. **S of Morgan's Point:** Winds at 20-25 kts through 8 PM, winds revert to 17 - 22 kts. Winds near the **Boarding Station** will continue at 26 - 31 kts through 5 PM when winds will decrease to 23 - 28 kts. **Wind gusts of 31-36 kts will be possible near the Boarding Station throughout the rest of the day. Other stations S of Morgan's Point will be 28 - 33 kts through 5 PM.**

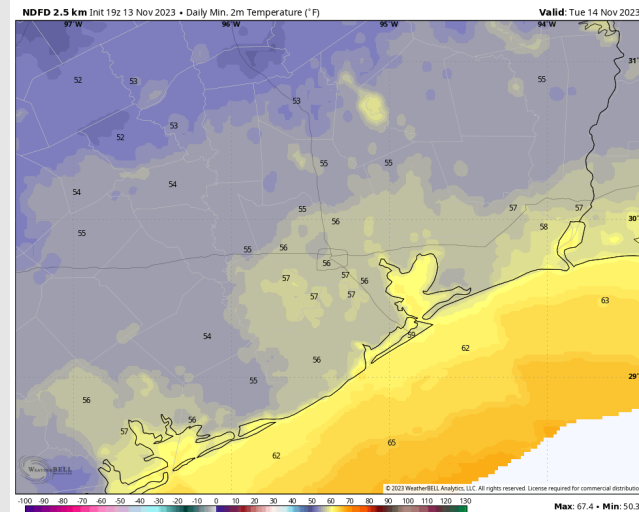
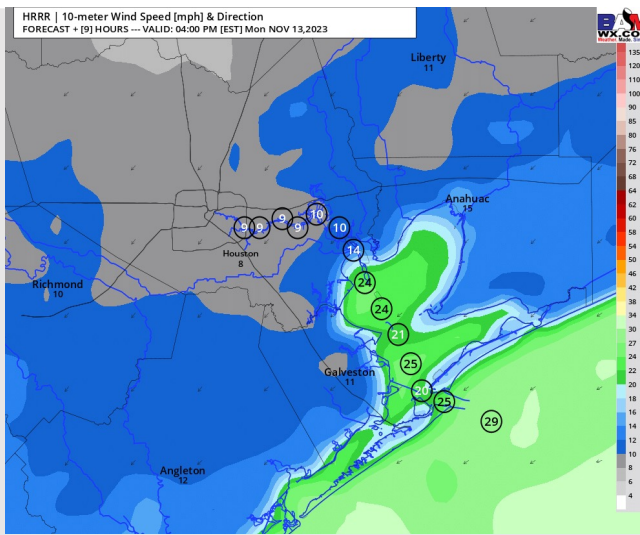
Low Temps: **N of Morgan's Point:** Mid 50s F. **S of Morgan's Point:** Low 60s F.

Visibility: No fog concerns favored; however heavy rainfall can reduce visibility to 2-3 mi at times.

Precip Image: 5 PM CT



Wind Speed:
3 PM CT



Low Temps
TUE AM

Houston Pilots: Tue. 11/14/2023

Forecast Discussion

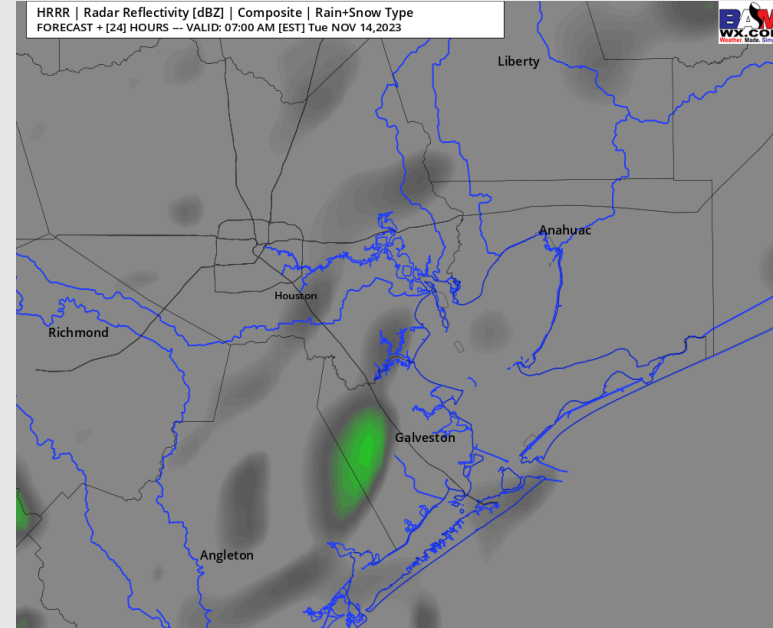
Precip: Drizzle with a light isolated shower will be possible through 12 PM. After 12 PM, drizzle can linger until 3 PM at 11/12 and the Boarding Station.

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 6 -11 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 15 - 20 kts before decreasing to 12-17 kts by 12 PM then to 10-15 kts by 5 PM.

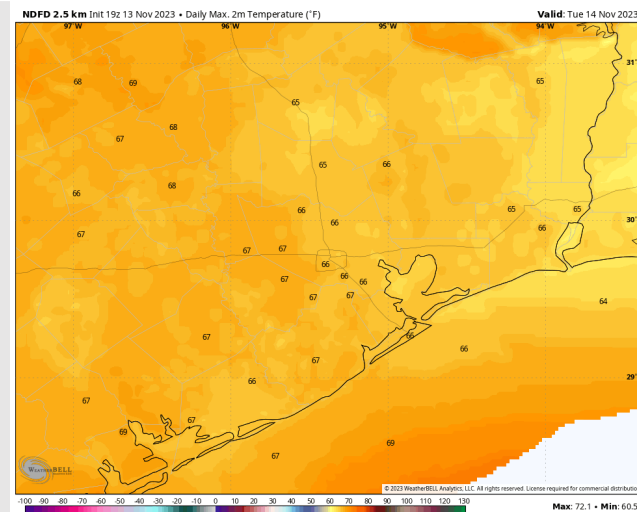
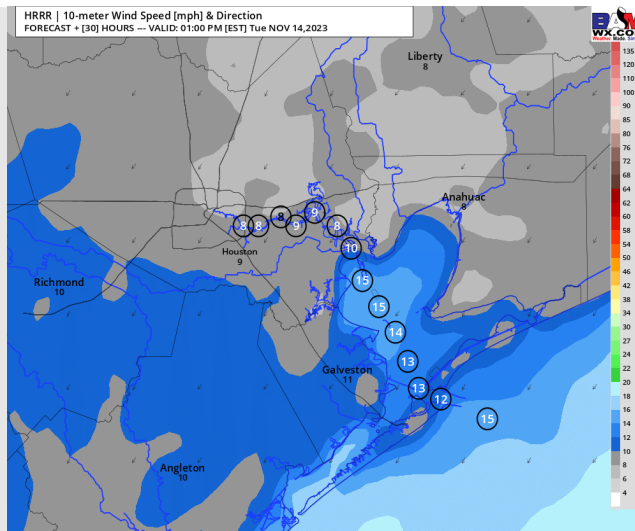
High Temps: **N of Morgan's Point:** Mid 60's F. **S of Morgan's Point:** Mid 60s F.

Visibility: No reduced visibility is expected for TUE.

Precip Image: 6 AM CT



Wind Speed:
12 PM CT



High Temps
Tuesday

Houston Pilots: Wed. 11/15/2023

Forecast Discussion

Precip: Favoring dry conditions throughout the day Wednesday.

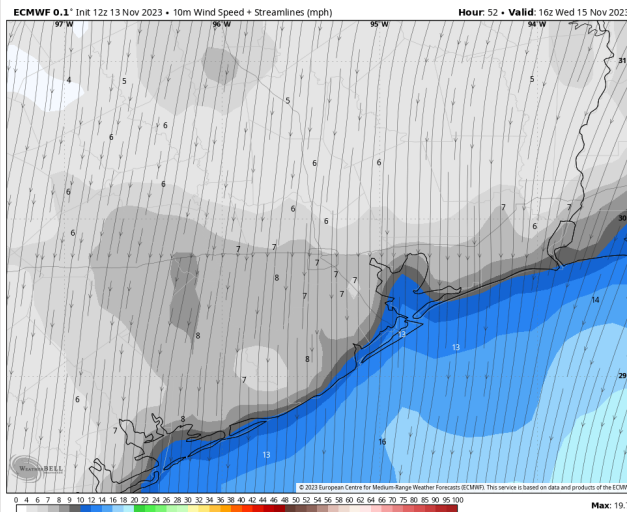
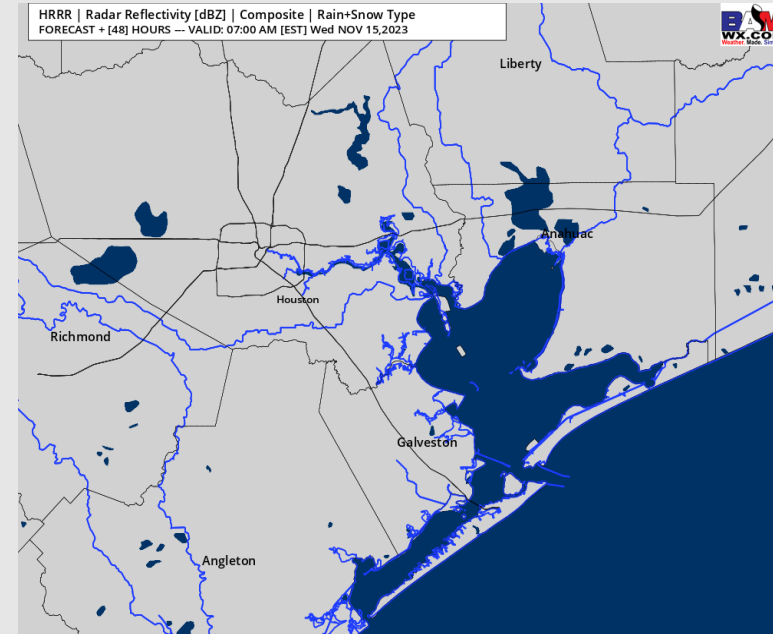
Wind: Winds will be out of the N/NNE throughout Wednesday. **N of Morgan's Point:** Winds will remain at 3 - 7 kts throughout the day. **S of Morgan's Point:** Winds will be at 9 -14 kts throughout the day.

High Temps: **N of Morgan's Point:** Upper 60s near 70 F. **S of Morgan's Point:** Upper 60s F.

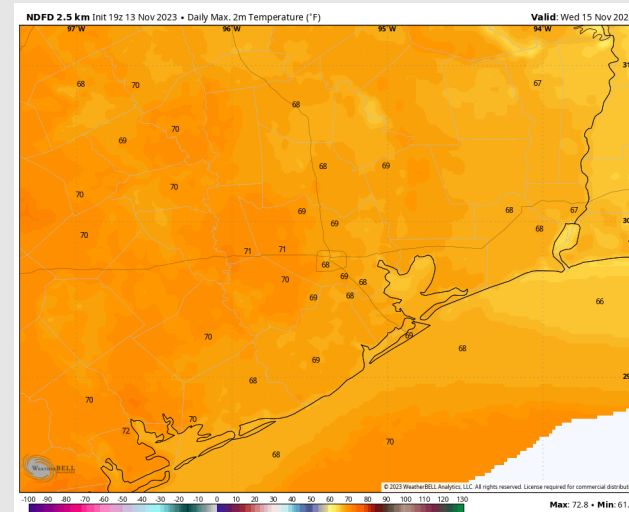
Visibility: Not anticipating any visibility concerns for today.

Precip Image: 6 AM CT

HRRR | Radar Reflectivity [dBZ] | Composite | Rain-Snow Type
FORECAST + [48] HOURS -- VALID: 07:00 AM [EST] Wed NOV 15, 2023



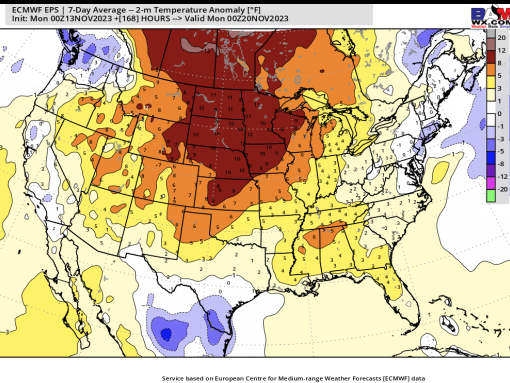
Wind Speed:
10 AM CT



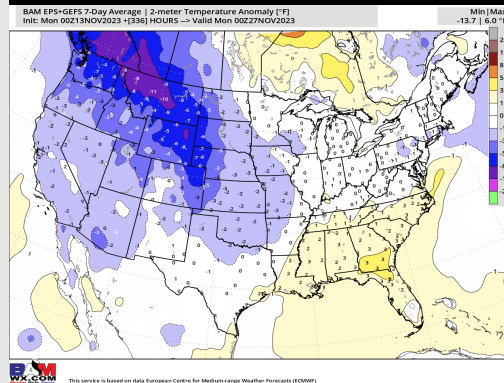
High Temps
Wednesday

Houston Pilots: 11/13/23

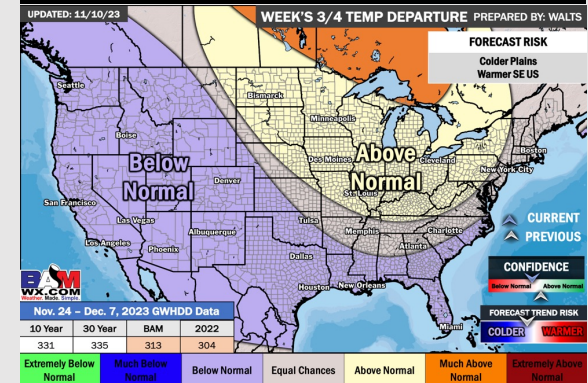
Next 7 Day Temperature Departure



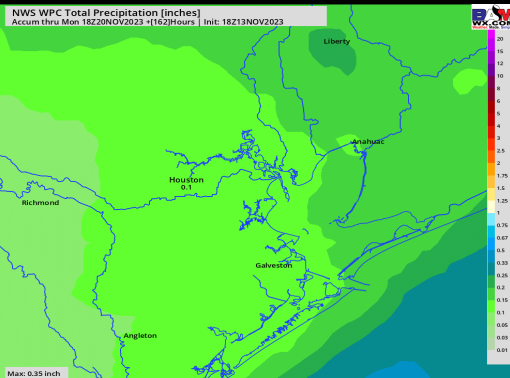
8-14 Day Temperature Departure



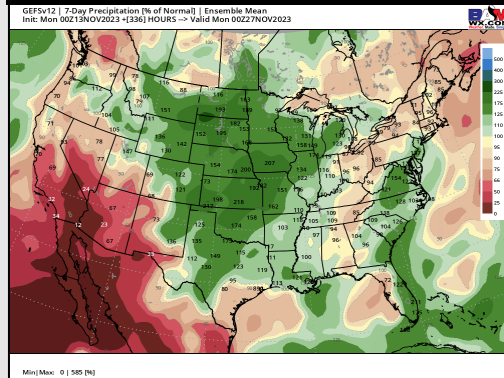
15-30 Day Temperature Departure



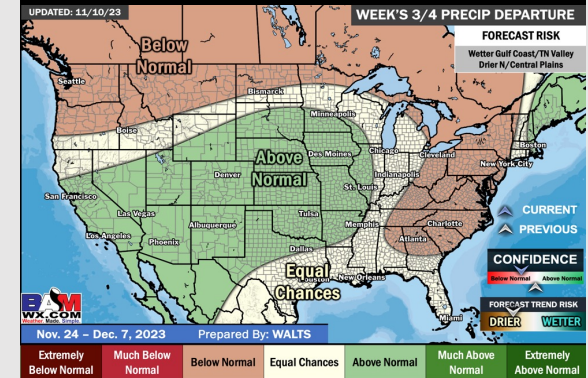
Next 7 Day Total Precipitation



8-14 Day % of Average Precip.



15-30 Day % of Average Precip.



- Moderate to heavy rain chances expected to be a continued risk through today as a low-pressure system stalls offshore. Conditions will dry out by Tuesday PM. Seasonal temperatures will be in store this week.
- Below normal rainfall and seasonable 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.