

Houston Pilots Forecast Package



Updated: 4:45 AM CT

Monday, November 13, 2023

Forecaster: Will Danby

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: 4:38 AM CT



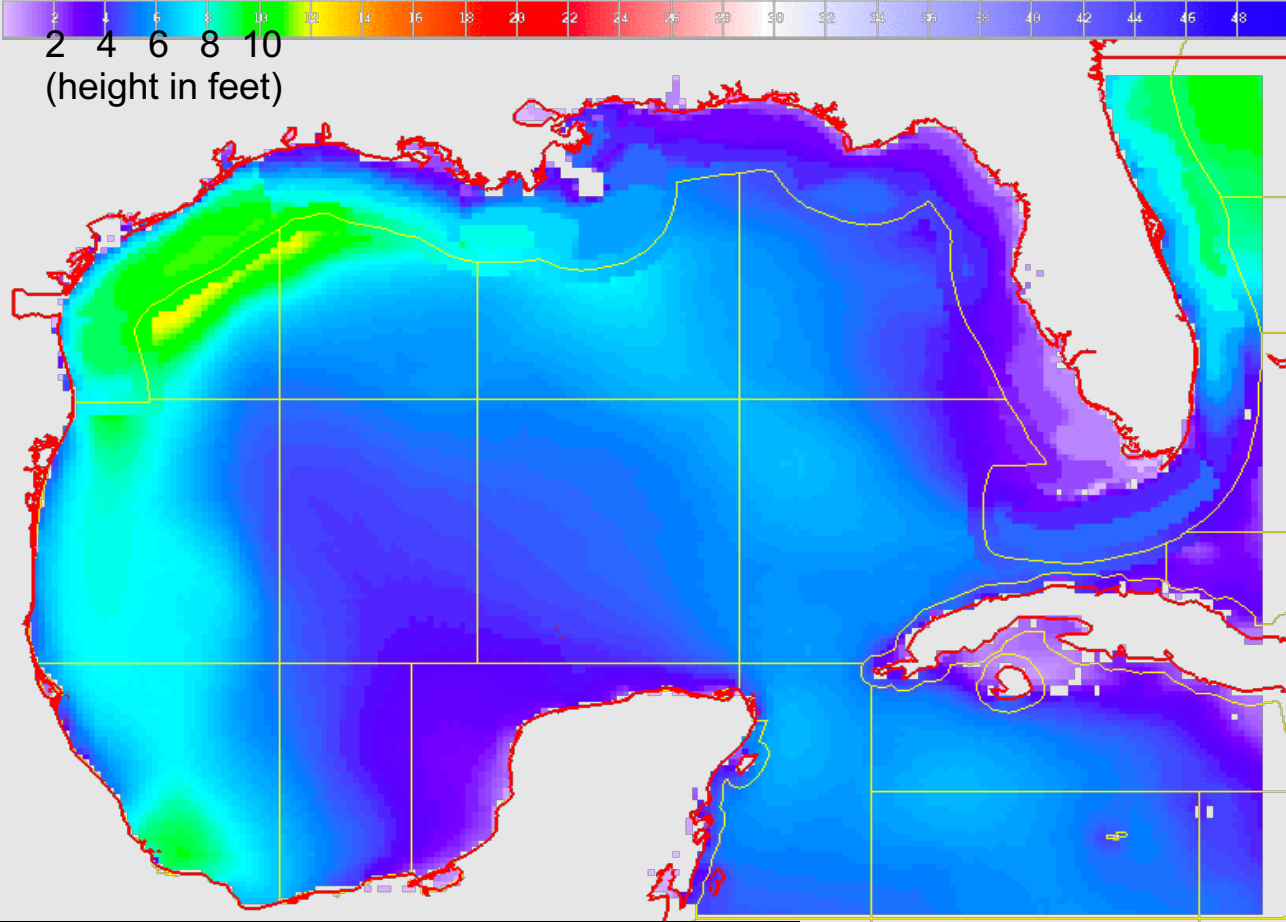
As always, please do not hesitate to reach out to us with any forecast questions via the chat option on the Weather Porthole or our on-call number, **(317)-560-8122** press 1 for forecast questions.

Houston Pilots Wave Height Update



Significant Wave Height Image

Valid 14 Nov 2023 0000 GMT



2 4 6 8 10
(height in feet)

6 PM CST Monday Evening

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.

Wave heights at the Boarding Station forecasted at 3 - 5 feet through the mid morning hours, with an increase in 4 - 7 ft by 10 AM.

The highest wave heights will arrive from 12 PM - 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



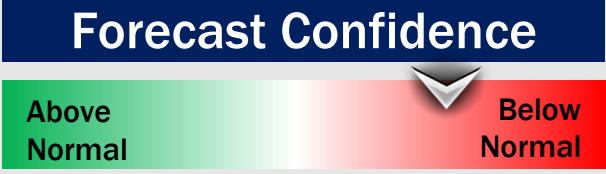
Thursday 11/16/23

Not anticipating any visibility concerns on Thursday.



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.



Saturday 11/18/23

No visibility concerns Saturday.



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

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

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Houston Pilots: Mon. 11/13/2023



Forecast Discussion

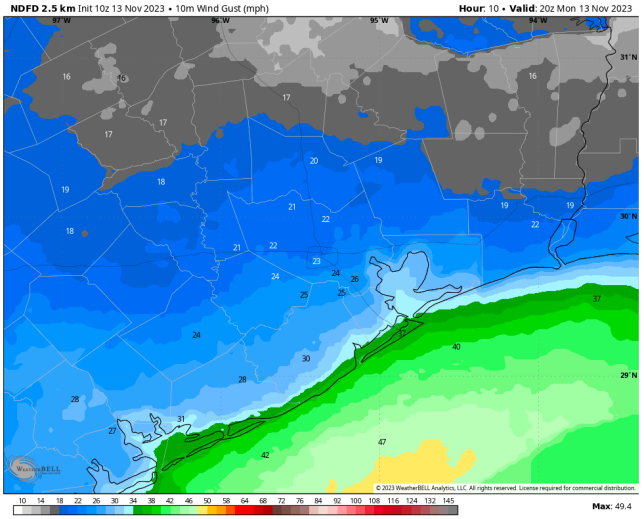
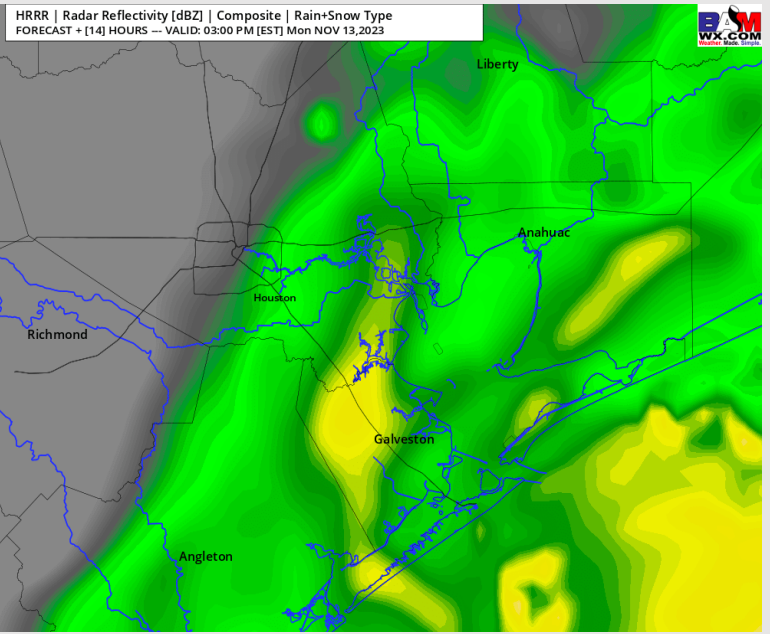
Precip: Widespread moderate/heavy showers will continue through 4 PM on MON. After 4 PM, coverage will gradually decrease with intensity becoming sporadic drizzle to close the evening hours. Isolated drizzle can carry into midday TUE. 1 - 2 inches of additional rain are favored today, with heaviest totals 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 remain consistent at 11 - 16 kts for the entirety of the day. **S of Morgan's Point:** Winds at 17 - 22 kts through 6 AM MON before increasing to 20-25 kts at 12 PM. Towards 9 PM, winds revert to 17 - 22 kts. Winds near the **Boarding Station** will start at 23 - 28 kts, and highest sustained winds arrive at 12 PM - 5 PM of 26 - 31 kts. After 5 PM winds will revert to 23 - 28 kts. **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 5 PM.**

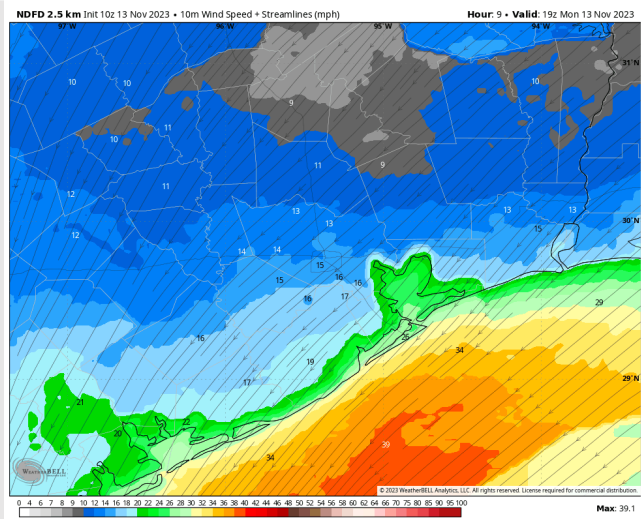
High Temps: Slightly cooler. **N of Morgan's Point:** Mid to lower 60s F. **S of Morgan's Point:** Mid 60s F.

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

Precip Image: 2 PM CT



Peak Wind Gusts:
2 PM CT



Sustained Winds 1 PM CT

Houston Pilots: Tue. 11/14/2023



Forecast Discussion

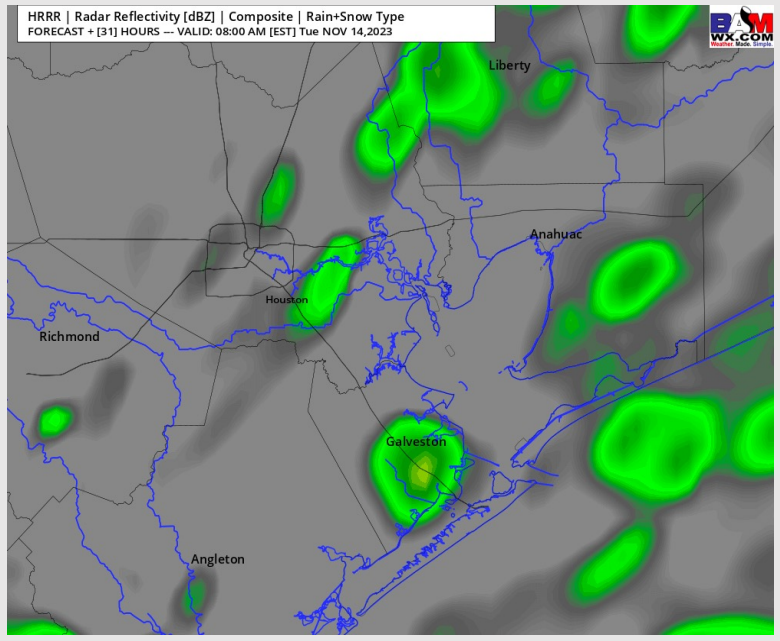
Precip: Drizzle with a light isolated shower will be possible through 12 PM. After 12 PM, drizzle can linger until 6 PM at 11/12 and the Boarding Station.

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 13-18 kts by 12 PM then to 11-16 kts by 6 PM. Winds at the Boarding Station start at 18 - 23 kts and slightly decrease/settle at 16 - 21 kts towards 12 PM for the rest of the day.

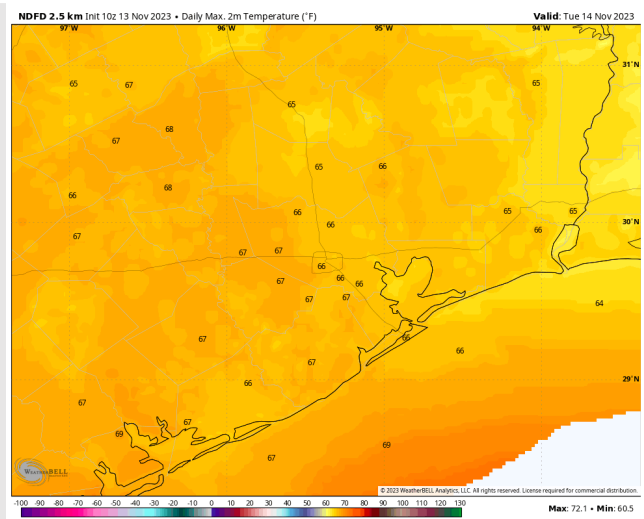
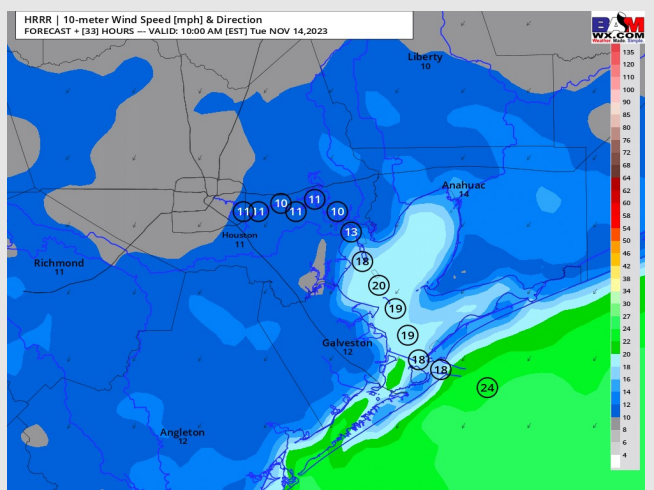
High Temps: **N of Morgan's Point:** Mid 60's F. **S of Morgan's Point:** Mid 60s F.

Visibility: No reduced visibility is expected for TUE.

Precip Image: 7 AM CT



Wind Speed:
9 AM CT



High Temps
Tuesday

Houston Pilots: Wed. 11/15/2023



Forecast Discussion

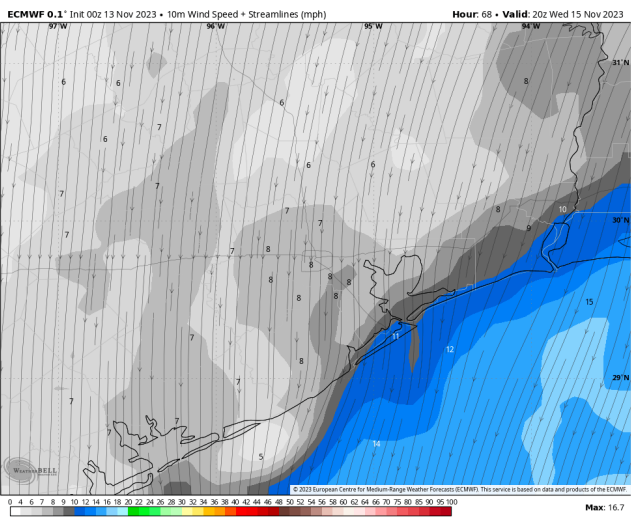
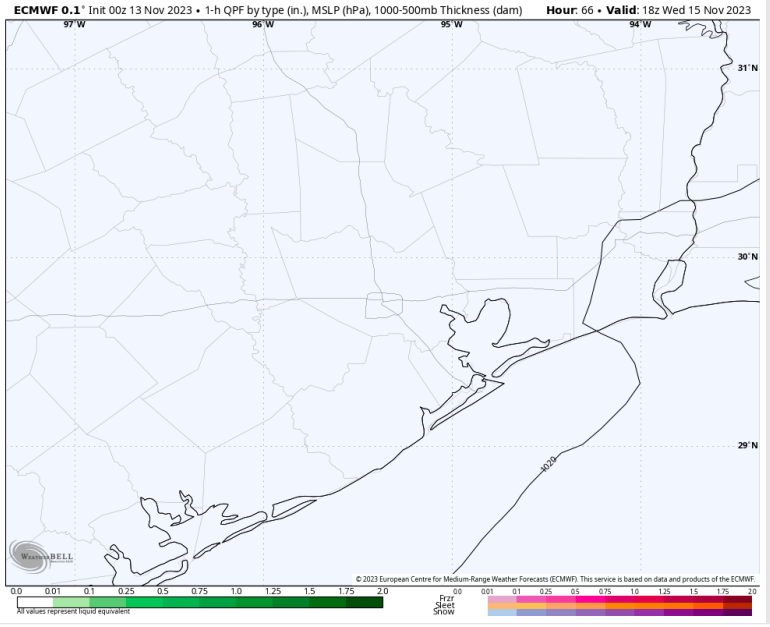
Precip: Favoring dry conditions throughout the day Wednesday.

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.

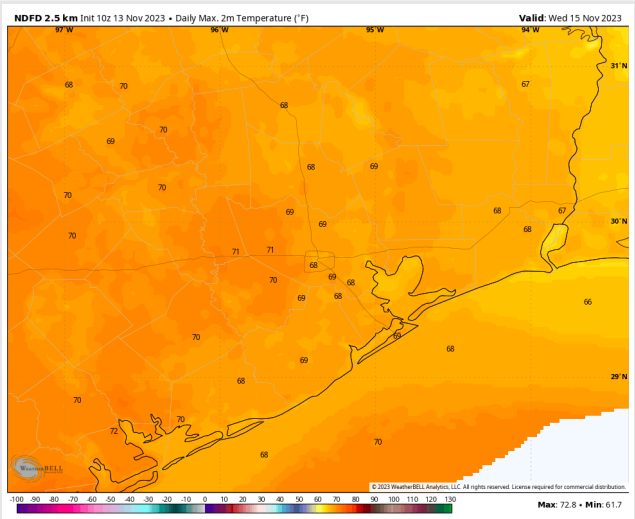
High Temps: **N of Morgan's Point:** Upper 60s near 70 F. **S of Morgan's Point:** Upper 60s F.

Visibility: Not anticipating any visibility concerns for today.

Precip Image: 12 PM CT

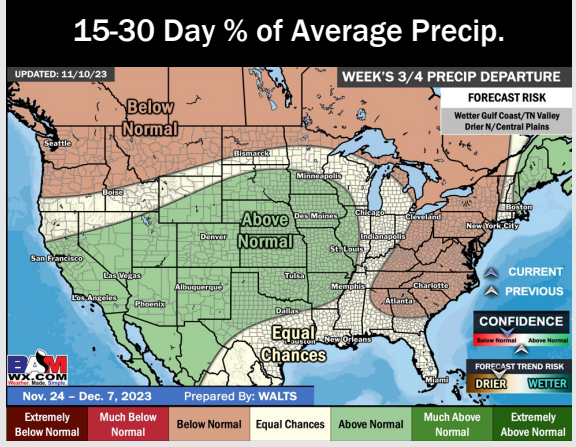
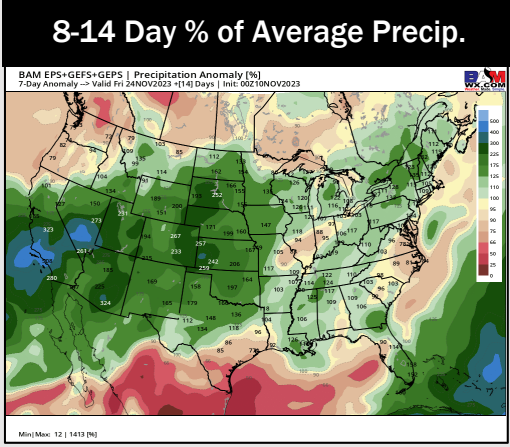
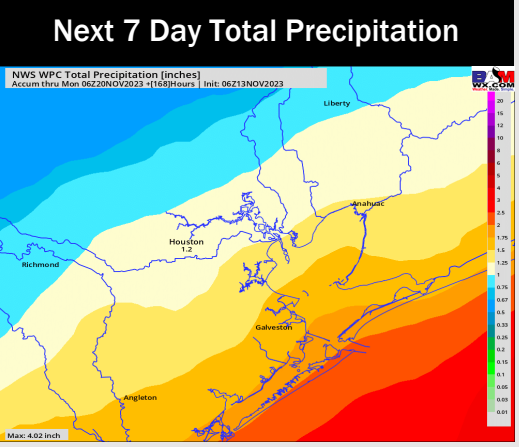
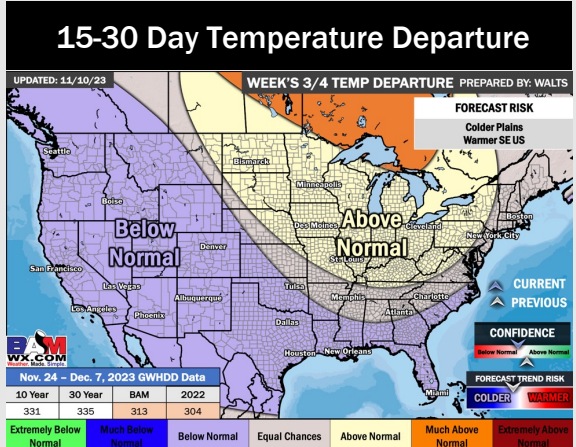
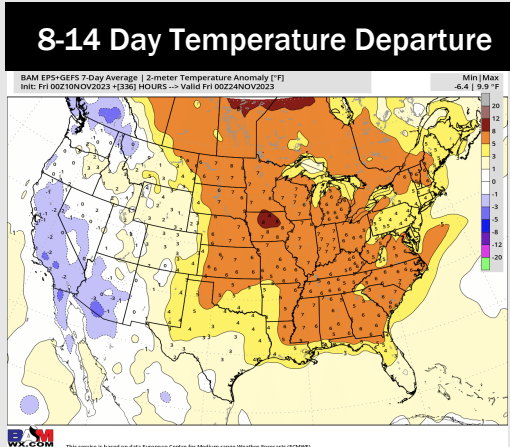
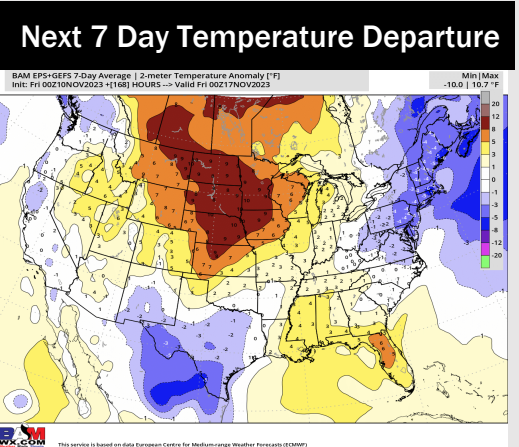


Wind Speed:
2 PM CT



High Temps
Wednesday

Houston Pilots: 11/13/23



- 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 AM. Seasonal temperatures will be in store this week.
- 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.