

Houston Pilots Forecast Package



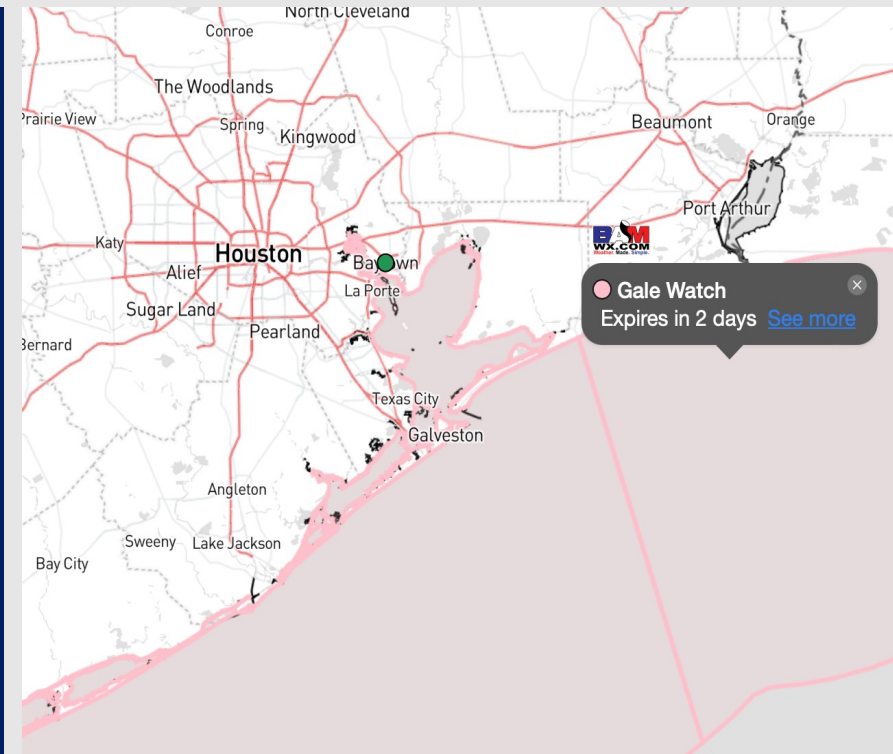
Updated: 8:40 PM CT

Friday, December 8, 2023

Forecaster: Tyler Riggles

Weather Headlines

- A few showers and isolated storms possible today. Strong storms chances arrive Saturday PM as cold front pushes southeast. **Keeping an eye on strong/severe potential with these storms.**
- Watching for a patchy fog development within the bay very early Saturday ahead of the front.
- Wind gusts up to 20-30 kts will be possible throughout the day today.



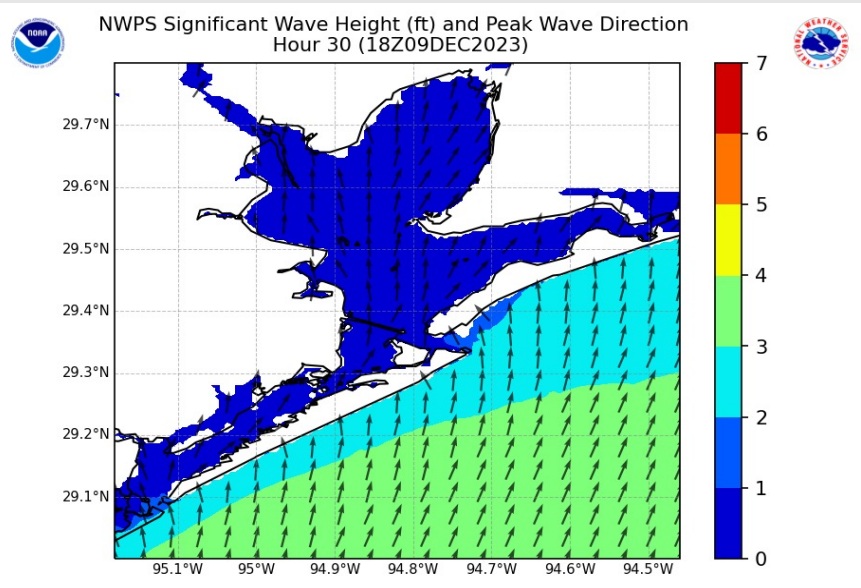
Radar/NWS Alerts: 8:38 PM CT



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.

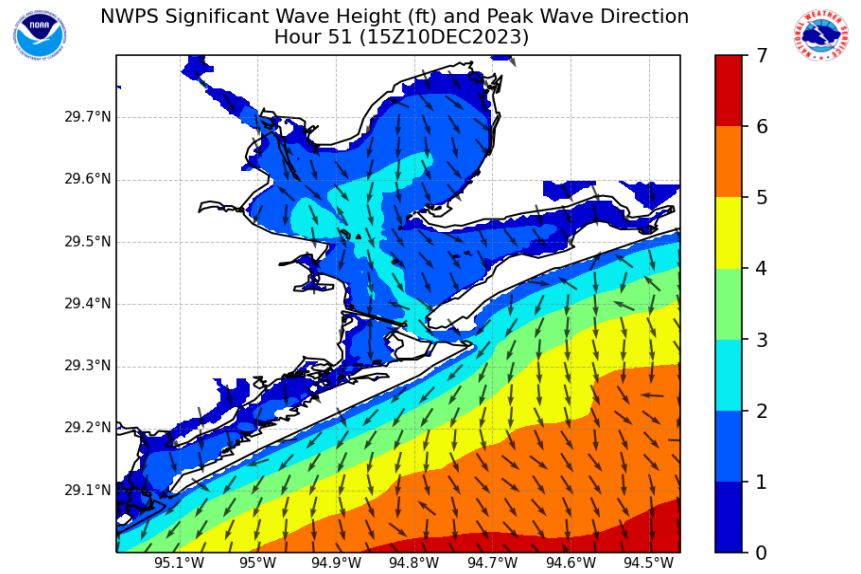
Houston Pilots Wave Height Update

Significant Wave Height Image



12 PM CST
Saturday

The top image shows wave heights around 12 PM Saturday. Wave heights for almost all stations around 1 ft. Near stations 11/12 and the Boarding Station, waves may increase to 2-3 ft.



9 AM CST Sunday

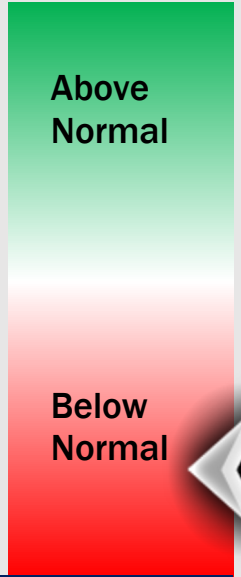
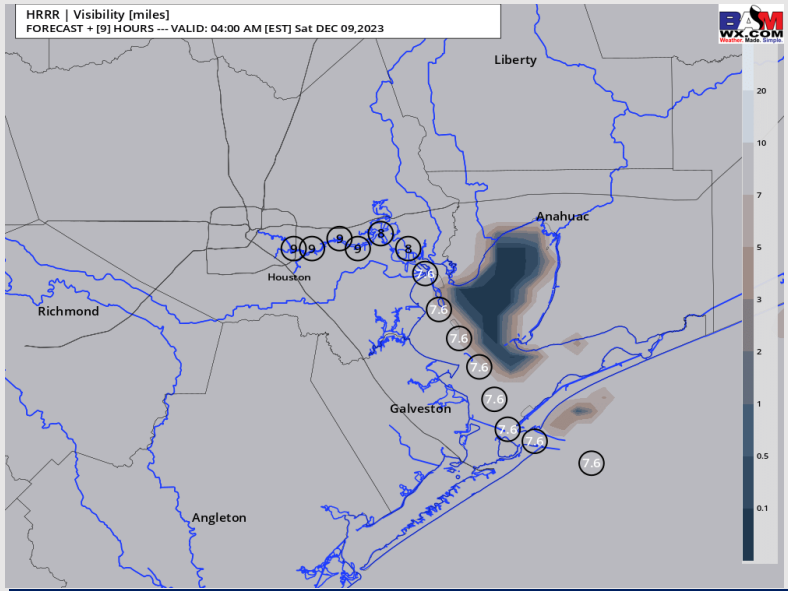
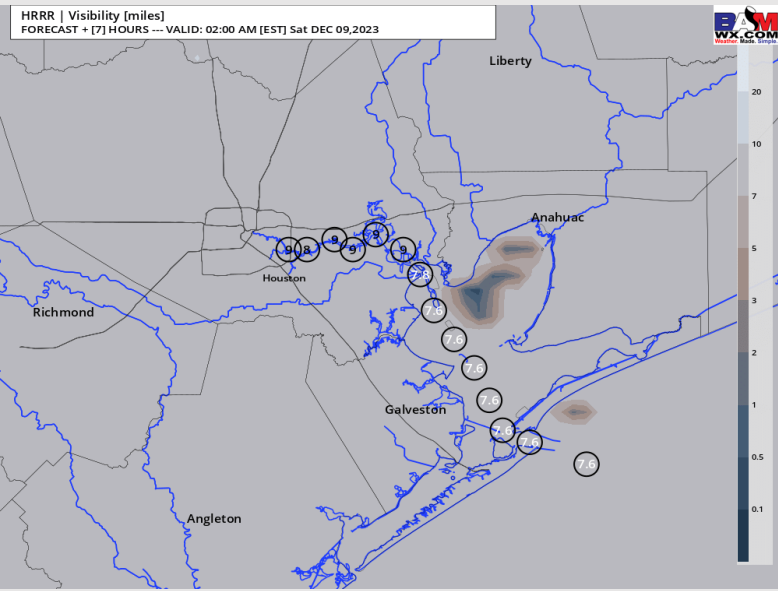
Moving into the overnight Saturday into Sunday AM, wave heights would risk to 2-3 ft for station 51/52 to station 11/12. The Boarding Station may be at risk for waves nearing 3-4 ft.

Houston Pilots Visibility Report



1 AM-CT SAT VISIBILITY 3 AM-CT SAT VISIBILITY

Confidence



TIMEFRAME DISCUSSED	THREAT
1 AM - 5 AM SAT	Low

- Keeping an eye on the low-end potential for patchy fog development in the Bay beginning at 1 AM-CT Saturday into early morning out ahead of the cold front as winds will be out of the SE prior.
- The greatest risk for this fog development and visibility of 2-4 miles is favored to occur between 1 AM - 3 AM-CT where patchy coverage would set up for stations between Morgan's Point and station 11/12. Isolated instances of 1 mile or less.
- Fog development would begin in the interior portion of the bay near Morgan's Point with coverage gradually creeping toward Station 11/12 by 3 AM-CT.
- Favoring fog risk to end after 4-5 AM-CT Saturday.

Houston Pilots Extended Range Visibility Report



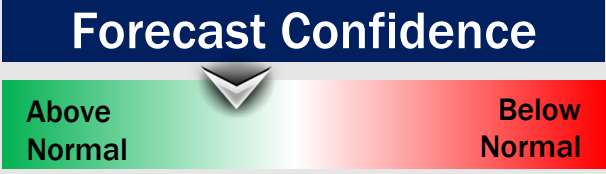
Monday 12/11/23

No fog concerns Monday.



Tuesday 12/12/23

No fog concerns Tuesday.



Wednesday 12/13/23

No fog concerns Wednesday.



Chance for Fog

Monday AM	Unlikely
Monday PM	Unlikely
Tuesday AM	Unlikely
Tuesday PM	Unlikely
Wednesday AM	Unlikely
Wednesday PM	Unlikely

Houston Pilots Visibility Chart (miles)



Forecast Confidence



Time	Fri 12pm	Fri 1pm	Fri 2pm	Fri 3pm	Fri 4pm	Fri 5pm	Fri 6pm	Fri 7pm	Fri 8pm	Fri 9pm	Fri 10pm	Fri 11pm	Sat 12am	Sat 1am	Sat 2am	Sat 3am	Sat 4am	Sat 5am	Sat 6am	Sat 7am	Sat 8am	Sat 9am	Sat 10am	Sat 11am	Sat 12pm	Sat 1pm	Sat 2pm	Sat 3pm	Sat 4pm	Sat 5pm	Sat 6pm	Sat 7pm	Sat 8pm	Sat 9pm	Sat 10pm	Sat 11pm			
610 Bridge	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	9	7	6	6	5	6	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	9	7	7	6	5	6	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	9	8	7	7	6	7	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	9	7	7	7	7	7	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	9	7	7	7	7	7	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	9	7	7	7	7	7	9	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	9	9	9	8	9	9	9	9	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	8	8	9	9	9	9	9	9	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	9	9	9	9	9	9	9	9	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	9	8	9	9	9	9	9	9	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	9	8	8	9	9	9	9	9	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	9	7	9	9	9	9	9	9	9	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	9	7	8	8	9	9	9	9	9	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	7	8	9	7	7	6	7	7	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	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	Fri 12pm	Fri 1pm	Fri 2pm	Fri 3pm	Fri 4pm	Fri 5pm	Fri 6pm	Fri 7pm	Fri 8pm	Fri 9pm	Fri 10pm	Fri 11pm	Sat 12am	Sat 1am	Sat 2am	Sat 3am	Sat 4am	Sat 5am	Sat 6am	Sat 7am	Sat 8am	Sat 9am	Sat 10am	Sat 11am	Sat 12pm	Sat 1pm	Sat 2pm	Sat 3pm	Sat 4pm	Sat 5pm	Sat 6pm	Sat 7pm	Sat 8pm	Sat 9pm	Sat 10pm	Sat 11pm			
610 Bridge	8 19 S	9 22 S	9 21 SSW	8 17 SSW	6 20 S	7 19 S	6 15 S	5 12 S	6 14 S	7 15 S	7 16 S	6 14 SSW	4 11 SSW	4 11 SSW	4 10 SSW	8 12 SSW	8 12 SSW	8 13 SSW	8 12 SSW	8 12 SSW	8 12 SSW	9 13 SSW	9 13 SSW	8 13 SSW	9 14 SSW	9 14 SSW	8 12 SSW	8 12 SSW	8 12 SSW	8 13 SSW	10 15 SSW	13 19 SSW	14 21 SSW	16 25 SSW	17 25 SSW	18 27 SSW			
Kinder 1	8 20 S	9 21 S	9 21 SSW	8 18 S	6 19 SSW	7 15 S	6 12 S	5 14 S	6 15 S	7 16 S	7 13 S	6 11 SSW	4 10 SSW	4 10 SSW	3 8 SSW	8 12 SSW	8 12 SSW	8 11 SSW	8 11 SSW	8 11 SSW	8 12 SSW	9 13 SSW	9 13 SSW	8 13 SSW	9 14 SSW	9 13 SSW	8 12 SSW	8 12 SSW	8 12 SSW	8 12 SSW	8 15 SSW	10 19 SSW	12 21 SSW	14 25 SSW	16 25 SSW	17 27 SSW	18 27 SSW		
Greens Bayou	8 20 S	8 21 S	10 21 S	9 19 SSW	7 19 SSW	7 16 S	6 12 S	5 14 S	6 15 S	7 16 S	7 13 S	5 11 SSW	3 9 SSW	3 9 SSW	3 11 SSW	7 11 SSW	7 11 SSW	7 11 SSW	7 11 SSW	7 11 SSW	7 11 SSW	8 13 SSW	9 13 SSW	8 12 SSW	9 13 SSW	9 13 SSW	8 12 SSW	8 12 SSW	8 12 SSW	8 12 SSW	8 14 SSW	9 18 SSW	12 20 SSW	13 25 SSW	16 26 SSW	17 26 SSW	18 26 SSW		
Shell Crude	8 19 S	8 21 S	10 21 S	10 20 S	7 19 SSW	7 18 S	6 15 S	5 12 S	6 13 S	7 15 S	7 16 S	5 12 S	3 10 SSW	3 9 SSW	3 9 SSW	7 10 SSW	7 10 SSW	7 10 SSW	7 10 SSW	7 10 SSW	7 10 SSW	8 12 SSW	9 13 SSW	8 12 SSW	9 13 SSW	9 13 SSW	8 12 SSW	8 12 SSW	8 12 SSW	8 12 SSW	8 12 SSW	8 13 SSW	9 17 SSW	12 19 SSW	13 24 SSW	16 25 SSW	16 26 SSW	17 26 SSW	
Lynchburg Ferries	7 19 S	8 21 S	10 21 S	10 20 S	8 19 S	6 17 S	6 15 S	5 12 S	6 13 S	7 14 S	7 16 S	5 13 S	3 9 SSW	3 8 SSW	2 7 SSW	7 10 SSW	7 10 SSW	7 10 SSW	7 10 SSW	7 10 SSW	7 10 SSW	8 13 SSW	8 13 SSW	8 12 SSW	9 13 SSW	9 13 SSW	8 12 SSW	8 12 SSW	8 12 SSW	8 12 SSW	8 12 SSW	8 13 SSW	9 17 SSW	12 19 SSW	13 23 SSW	16 24 SSW	16 25 SSW	17 27 SSW	
Exxon 3	7 18 S	8 21 S	11 22 S	9 20 S	7 19 S	6 17 S	6 15 S	5 12 S	6 13 S	7 14 S	7 16 S	5 13 S	3 9 SSW	3 9 SSW	2 7 SSW	7 10 SSW	7 10 SSW	7 10 SSW	7 10 SSW	7 10 SSW	7 10 SSW	8 13 SSW	8 13 SSW	8 12 SSW	9 13 SSW	9 13 SSW	8 12 SSW	8 12 SSW	8 12 SSW	8 12 SSW	8 12 SSW	8 13 SSW	9 17 SSW	12 18 SSW	13 22 SSW	15 22 SSW	15 25 SSW	17 27 SSW	
Morgans Point	9 19 S	9 21 S	11 22 S	9 21 S	10 20 S	8 16 S	6 14 S	6 13 S	7 14 S	8 15 S	8 16 S	6 12 S	4 10 SSW	3 9 SSW	3 9 SSW	8 10 SSW	8 10 SSW	8 10 SSW	8 10 SSW	8 10 SSW	8 10 SSW	8 11 SSW	8 12 SSW	8 12 SSW	8 13 SSW	8 13 SSW	8 12 SSW	8 12 SSW	8 12 SSW	8 12 SSW	8 12 SSW	8 13 SSW	9 18 SSW	12 20 SSW	13 21 SSW	15 24 SSW	16 24 SSW	17 24 SSW	
75/76	11 21 SSE	10 20 SSE	10 20 SSE	10 21 SSE	11 19 SSE	9 16 SSE	7 14 SSE	8 13 SSE	9 14 SSE	9 15 SSE	10 16 SSE	7 13 SSE	5 11 SSW	4 10 SSW	4 10 SSW	9 11 SSW	10 11 SSW	9 11 SSW	9 11 SSW	9 11 SSW	9 11 SSW	9 12 SSW	9 12 SSW	9 12 SSW	9 13 SSW	9 13 SSW	9 12 SSW	9 12 SSW	9 12 SSW	9 12 SSW	9 12 SSW	9 13 SSW	10 17 SSW	15 20 SSW	16 22 SSW	17 25 SSW	17 25 SSW	20 25 SSW	
63/64	12 21 SSE	10 20 SSE	9 20 SSE	10 19 SSE	9 17 SSE	9 15 SSE	8 13 SSE	8 11 SSE	8 13 SSE	9 14 SSE	10 16 SSE	8 15 SSE	6 12 SSE	4 10 SSW	5 10 SSW	9 11 SSW	10 11 SSW	9 11 SSW	9 11 SSW	9 11 SSW	9 11 SSW	9 11 SSW	9 12 SSW	9 12 SSW	9 12 SSW	9 13 SSW	9 13 SSW	9 12 SSW	9 12 SSW	9 12 SSW	9 12 SSW	9 12 SSW	9 13 SSW	10 17 SSW	15 21 SSW	17 23 SSW	19 26 SSW	22 26 SSW	
51/52	12 18 SSE	11 20 SSE	11 22 SSE	10 17 SSE	9 16 SSE	9 15 SSE	8 12 SSE	7 12 SSE	9 15 SSE	10 16 SSE	11 17 SSE	9 16 SSE	8 14 SSE	6 12 SSE	6 12 SSE	9 10 SSW	9 10 SSW	9 10 SSW	9 10 SSW	9 10 SSW	9 10 SSW	9 11 SSW	9 11 SSW	9 11 SSW	9 12 SSW	9 12 SSW	9 12 SSW	9 12 SSW	9 12 SSW	9 12 SSW	9 12 SSW	9 13 SSW	10 17 SSW	14 21 SSW	16 23 SSW	17 27 SSW	19 27 SSW	22 27 SSW	
37/38	9 14 SSE	11 19 SSE	13 22 SSE	10 17 SSE	9 15 SSE	9 15 SSE	7 14 SSE	8 15 SSE	9 16 SSE	10 16 SSE	11 17 SSE	10 16 SSE	9 15 SSE	7 14 SSE	7 12 SSE	8 10 SSW	8 10 SSW	8 10 SSW	8 10 SSW	8 10 SSW	8 10 SSW	8 11 SSW	9 11 SSW	9 11 SSW	9 12 SSW	9 12 SSW	9 12 SSW	9 12 SSW	9 12 SSW	9 12 SSW	9 12 SSW	9 13 SSW	10 17 SSW	14 22 SSW	16 24 SSW	17 24 SSW	19 27 SSW	22 27 SSW	
25/26	7 13 SSE	12 19 SSE	12 20 SSE	10 18 SSE	9 16 SSE	9 15 SSE	7 13 SSE	8 14 SSE	9 15 SSE	9 16 SSE	10 17 SSE	9 16 SSE	8 15 SSE	7 14 SSE	7 13 SSE	8 10 SSW	8 10 SSW	8 10 SSW	8 10 SSW	8 10 SSW	8 10 SSW	8 11 SSW	9 11 SSW	9 11 SSW	9 12 SSW	9 12 SSW	9 12 SSW	9 12 SSW	9 12 SSW	9 12 SSW	9 12 SSW	9 12 SSW	9 13 SSW	10 17 SSW	12 22 SSW	16 25 SSW	18 28 SSW	21 28 SSW	25 28 SSW
11/12	7 14 SSE	12 18 SSE	12 19 SSE	11 18 SSE	8 16 SSE	9 15 SSE	9 14 SSE	10 15 SSE	9 16 SSE	10 16 SSE	11 18 SSE	9 16 SSE	8 15 SSE	8 14 SSE	8 14 SSE	8 10 SSW	8 10 SSW	8 10 SSW	8 10 SSW	8 10 SSW	8 10 SSW	8 11 SSW	9 11 SSW	9 11 SSW	9 11 SSW	9 11 SSW	9 11 SSW	9 11 SSW	9 11 SSW	9 11 SSW	9 11 SSW	9 12 SSW	10 18 SSW	12 23 SSW	16 25 SSW	18 28 SSW	21 28 SSW	25 28 SSW	
1 & 2 Bravo	11 19 SSE	11 19 SSE	12 19 SSE	11 19 SSE	12 19 SSE	10 16 SSE	10 17 SSE	8 16 SSE	10 16 SSE	10 16 SSE	12 21 SSE	12 19 SSE	10 16 SSE	8 15 SSE	8 15 SSE	10 11 SSW	9 11 SSW	9 11 SSW	9 11 SSW	9 11 SSW	9 11 SSW	9 11 SSW	10 12 SSW	10 12 SSW	9 11 SSW	9 11 SSW	9 11 SSW	9 11 SSW	9 11 SSW	9 11 SSW	9 11 SSW	9 12 SSW	10 18 SSW	15 23 SSW	17 25 SSW	20 28 SSW	23 28 SSW	28 28 SSW	

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: Fri. 12/08/2023



Forecast Discussion

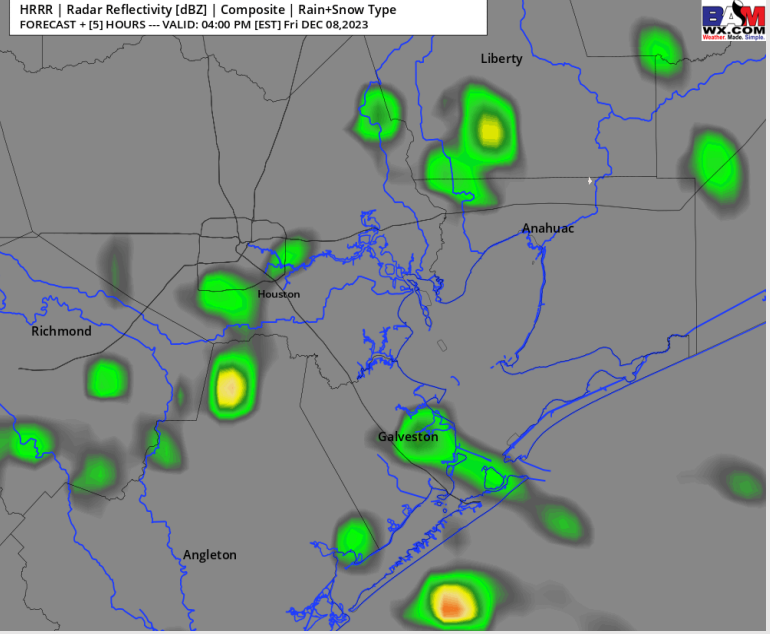
Precip: Favoring a spotty showers and a few isolated storms to hang around through 5PM CT today with pockets of drizzle being a risk through ~9 PM. Dry then for the rest of the evening.

Wind: Winds expected to stay out of the South throughout the rest of the evening. **N of Morgan's Point:** Winds 10 – 14 kts for the afternoon outside of a slight decrease between 5 – 9 PM with winds 5 – 10 kts. **S of Morgan's Point:** Winds at 15 – 20 throughout the rest of the afternoon. **Gusts of 25-30 kts will be possible throughout the rest of the evening.**

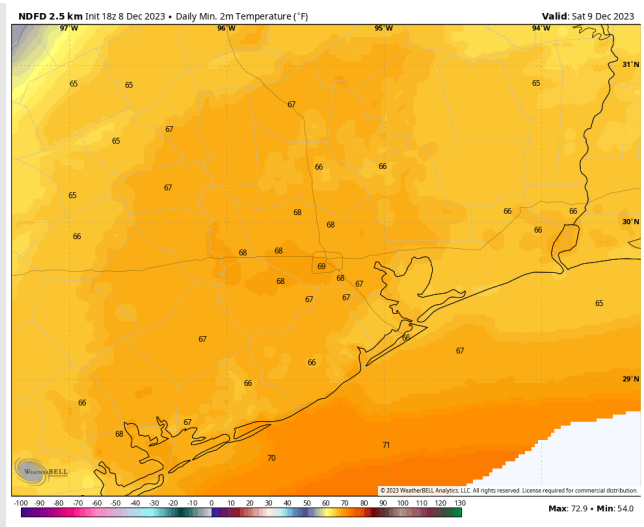
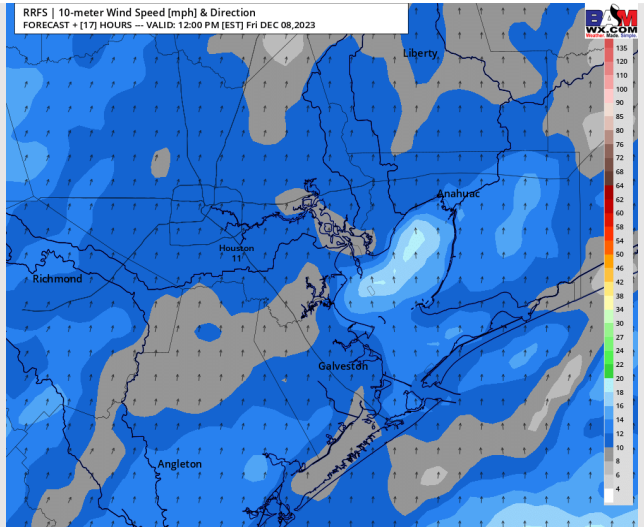
Low Temps: **N of Morgan's Point:** Upper 60s F **S of Morgan's Point:** Mid to upper 60s F.

Visibility: Watching the low end risk for patchy fog development in the bay early Saturday around 12 AM out ahead of the front this weekend. Lower confidence at this time, however based on latest model guidance, would favor this fog to set up closer to Morgan's Point if it can develop. **View visibility slide for more details.**

Precip Image: 3 PM CT



Wind Speed:
11 AM CT



Low Temps
Sat AM

Houston Pilots: Sat. 12/09/2023



Forecast Discussion

Precip: Hit/miss shower chances (20-30%) will be in play through 7 AM. A lull in precip will follow until 12 PM, when more widespread (60-70%) chances for storms (with severe potential including gusty winds and hail) move in from the NW and remain for the rest of the day.

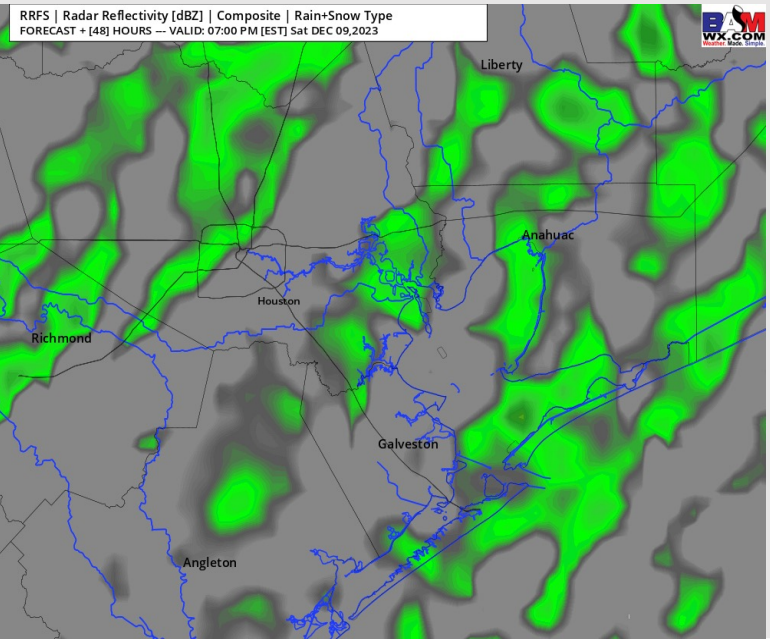
Wind: Winds out of the S/WSW through 5 PM, veering out of the NW after this time as the main front arrives. **N of Morgan's Point:** Sustained at 5 - 10 kts prior to 8 PM, then 9 - 14 kts for the remainder of the evening as the front arrives. **S of Morgan's Point:** 10-15 kts through 4 AM, decreasing to 8-13 kts at this time and remaining at this speed through 9 PM. After 9 PM, winds steadily increase to 20-25 kts by 12 AM.

Gusts through the AM until noon will be around 25-30 kts. Then 35-45 kts will be possible as we get beyond 7 PM through the rest of the evening.

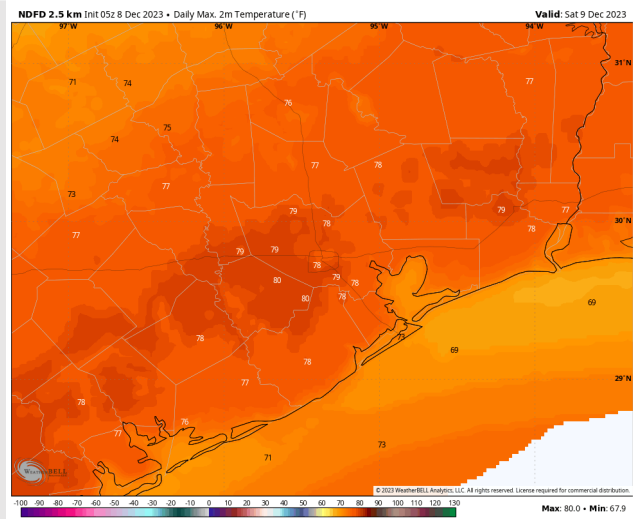
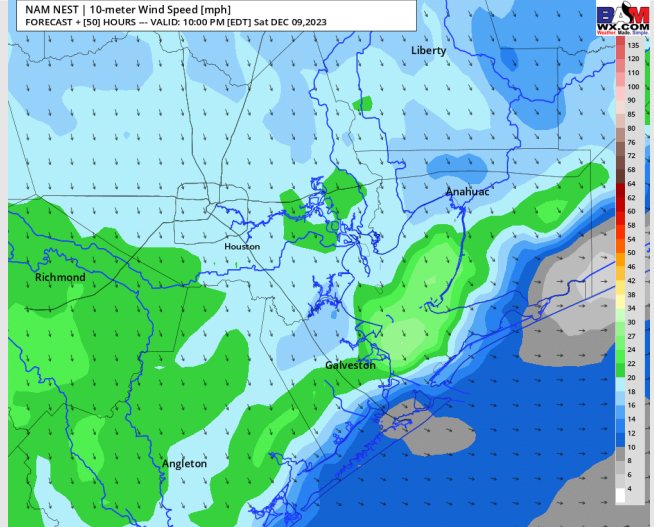
High Temps: **N of Morgan's Point:** Upper 70 F. **S of Morgan's Point:** Low 70s F.

Visibility: Watching the early AM for a potential patchy fog development within the Bay associated with the front. Risk would last until ~4 AM. **More details on visibility slide.**

Precip Image: 6 PM CT



**Wind Speed:
9 PM CT**



**High Temps
Saturday**

Houston Pilots: Sun. 12/10/2023



Forecast Discussion

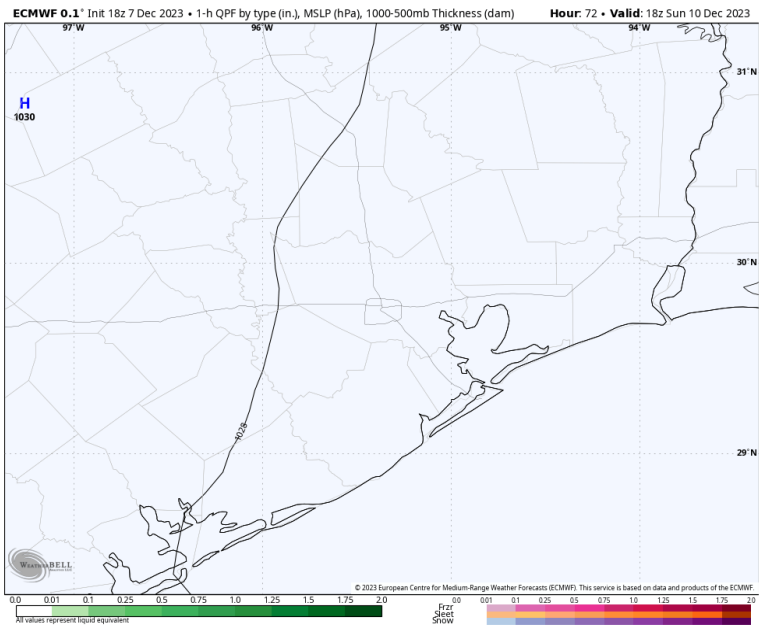
Precip: Dry conditions favored throughout the day.

Wind: Winds out of the NW will gradually calm throughout the day. **N of Morgan's Point:** Winds currently at 10-15 kts will gradually calm to 3-8 kts by 5 PM. **S of Morgan's Point:** 20-25 kt winds will sustain through 7 AM, after which time winds will be gradually calm to 5-10 kts by 6 PM.

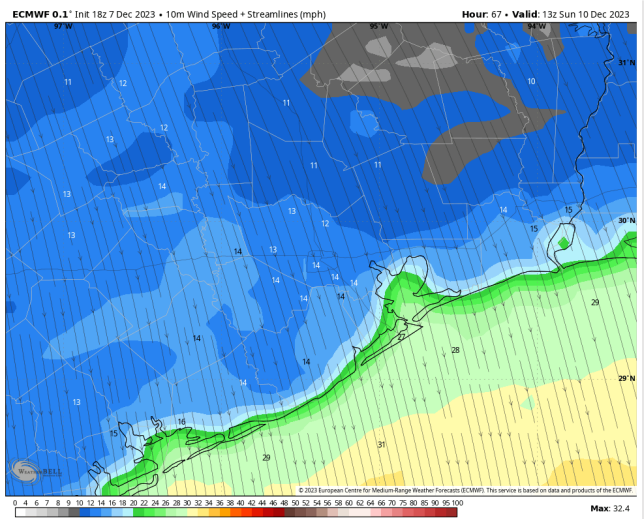
High Temps: Notable cooler behind the cold front **N of Morgan's Point:** Mid 50s F. **S of Morgan's Point:** Mid 50s F.

Visibility: Not anticipating any fog concerns Sunday.

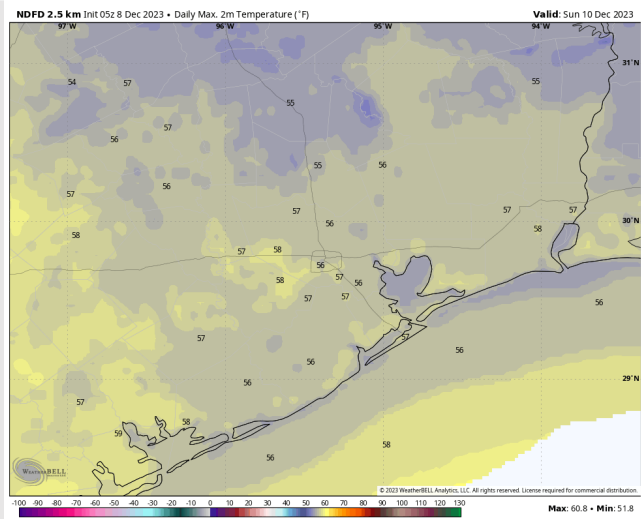
Precip Image: 12 PM CT



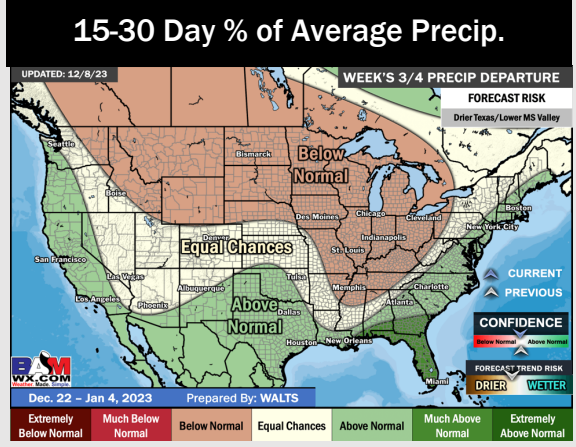
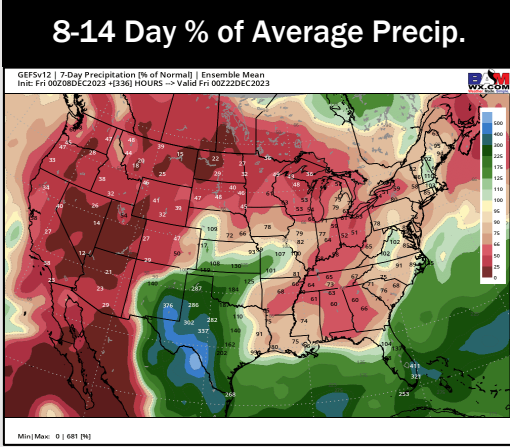
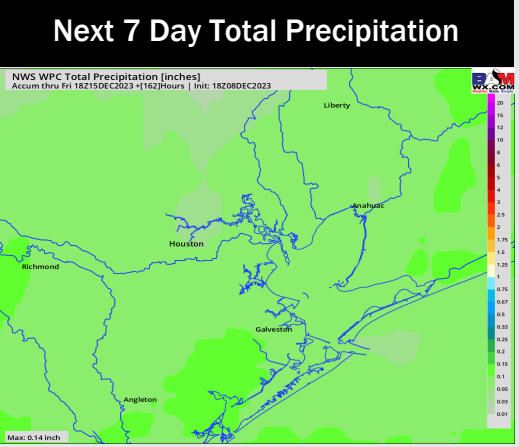
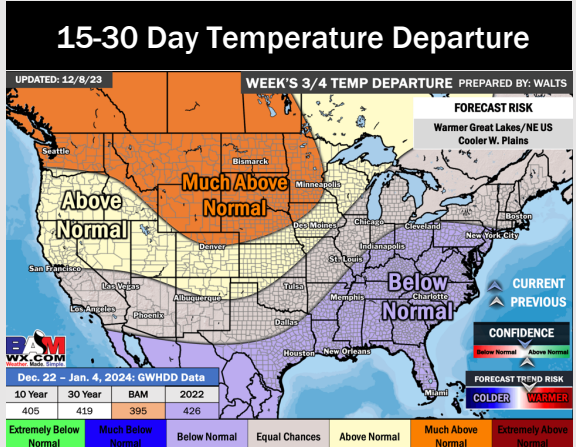
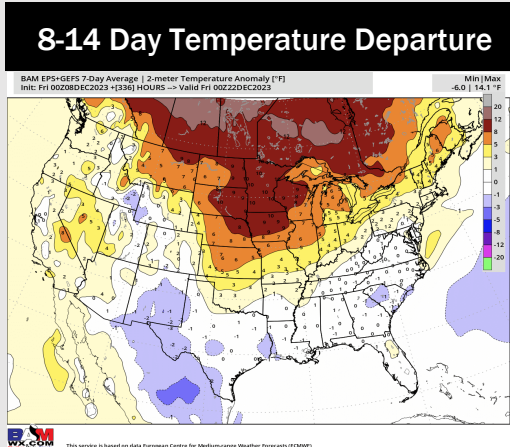
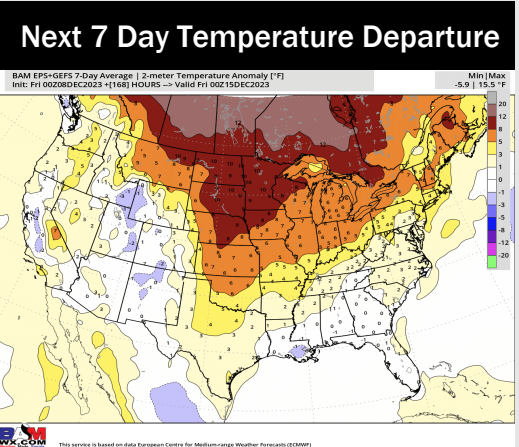
Wind Speed:
7 AM CT



High Temps
Sunday



Houston Pilots: 12/8/23



- Next best shot at rain will be on Saturday via cold front. Seasonal / slightly warmer than normal weather is expected this week.
- Seasonal precipitation chances and temperatures are expected into the week 2 timeframe.
- Below normal temperatures and above normal chances for precipitation are favored in the weeks 3/4 timeframe.