

Houston Pilots Forecast Package



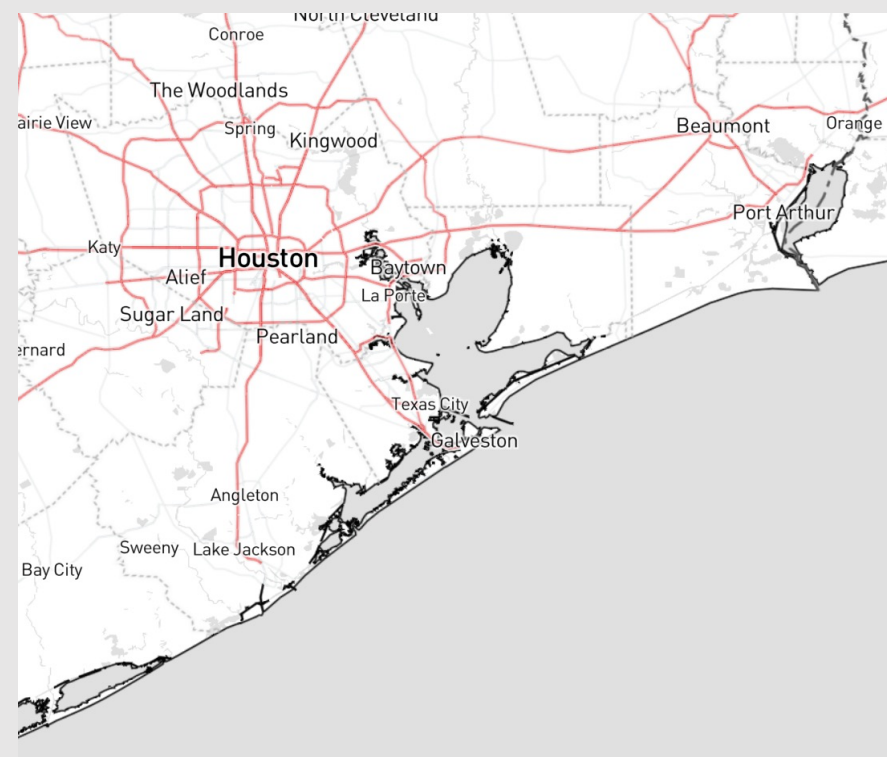
Updated: 1:20 AM CT

Friday, December 15, 2023

Forecaster: Tyler Riggles

Weather Headlines

- Winds will continue to increase over the next 24 hours, **with max wave heights increasing to 5 – 7 ft for Boarding Station this AM.**
- A few localized chances of drizzle / light showers before arrival of heavy rain / storm chances associated with a front this Evening.
- Not favoring any visibility issues over the coming days for fog.



Radar/NWS Alerts: 1:15 AM CT

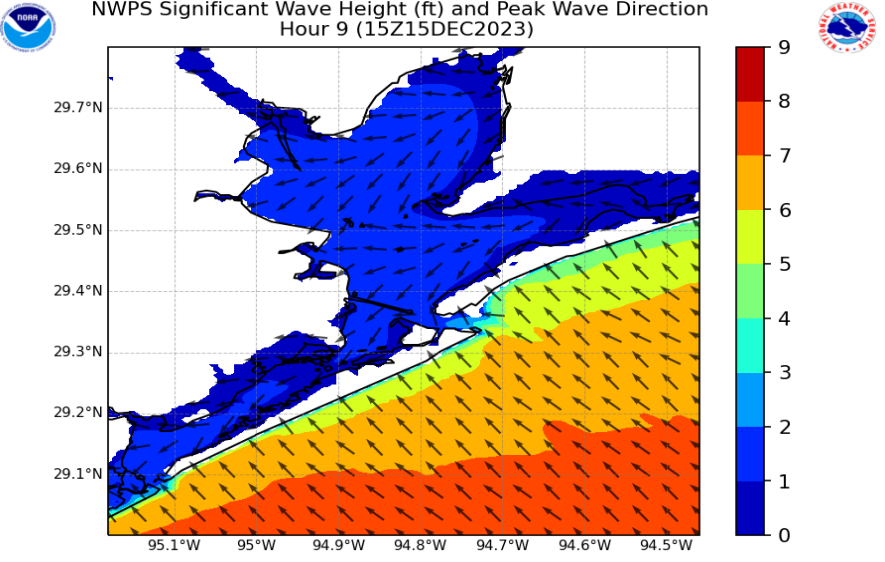


As always, please do not hesitate to reach out to us with any forecast questions via the chat option on the Weather Porthole or our on-call number, **(317)-560-8122** press 1 for forecast questions.

Houston Pilots Wave Height Update



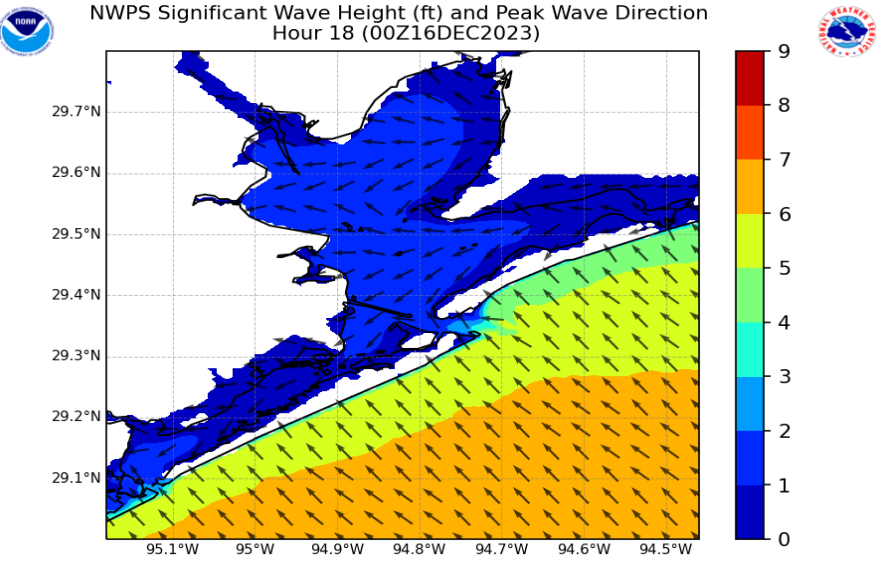
Significant Wave Height Image



9 AM CST Friday

The top image shows wave heights around 9 AM CT this morning. Max wave heights for the Boarding Station and 11/12 of 5 - 7 ft will continue through early this afternoon. After reaching their peak height, waves will gradually begin a slow decrease through the weekend

The bottom images shows wave heights around 6 PM CT this evening. Max wave heights for the Boarding Station and 11/12 will slightly drop to 4 - 6 ft, but will continue to linger above 3 ft through SAT PM.



6 PM CST Friday

Houston Pilots Extended Range Visibility Report



Monday 12/18/23

No fog concerns for Monday at this time.



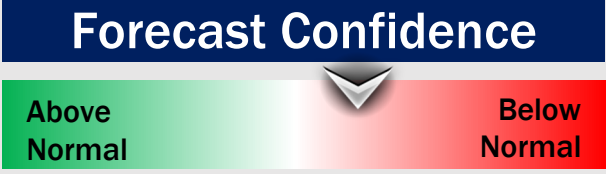
Wednesday 12/20/23

No fog concerns for Wednesday at this time.



Tuesday 12/19/23

No fog concerns for Tuesday at this time.



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 12am	Fri 1am	Fri 2am	Fri 3am	Fri 4am	Fri 5am	Fri 6am	Fri 7am	Fri 8am	Fri 9am	Fri 10am	Fri 11am	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	
610 Bridge	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	9	7	5	4	3	2	2	2	3	5	9	10	9	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	9	8	6	5	5	2	2	2	3	5	9	10	9	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	9	8	7	6	6	3	2	2	3	5	9	9	8	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	9	9	7	7	7	2	2	2	3	5	9	9	9	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	9	7	7	7	3	2	2	3	4	8	9	9	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	9	8	7	7	2	2	2	3	4	7	9	9	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	9	9	8	7	3	2	2	3	4	6	9	9	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	9	9	9	7	7	3	2	2	2	4	6	9	9	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	9	9	9	7	7	3	2	2	2	3	6	9	9	10	10	10	
51/52	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	9	9	9	9	9	9	7	7	4	2	2	2	3	6	9	9	9	10	10	
37/38	10	10	10	10	10	10	10	10	10	10	10	10	10	10	9	9	9	9	9	9	9	9	8	7	7	6	2	2	2	3	4	9	9	9	10	10	
25/26	10	10	10	10	10	10	10	10	10	10	10	10	10	10	9	9	9	9	9	9	9	9	7	7	7	6	6	5	2	3	4	9	9	9	10	10	
11/12	10	10	10	10	10	10	10	10	10	10	10	10	10	9	9	9	9	9	9	9	9	8	7	7	7	7	7	7	7	2	3	4	8	9	9	10	10
1 & 2 Bravo	10	10	10	10	10	10	10	10	10	10	10	10	9	8	8	7	8	9	8	7	7	7	7	7	7	7	7	7	6	2	3	7	9	9	9	10	

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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 12am	Fri 1am	Fri 2am	Fri 3am	Fri 4am	Fri 5am	Fri 6am	Fri 7am	Fri 8am	Fri 9am	Fri 10am	Fri 11am	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				
610 Bridge	7 ESE	6 E	3 E	4 E	4 ENE	4 ENE	4 ENE	5 ENE	6 ENE	7 E	8 ESE	7 ESE	6 ESE	6 ESE	5 ESE	9 ESE	9 ESE	9 ESE	8 ESE	7 ESE	6 ESE	6 ESE	4 E	4 NE	4 NW	5 NNW	7 N	7 NNW	7 N	9 N	10 NNW	9 NNW	10 NNW	9 NNW	9 NNW	10 NNW	10 NNW			
Kinder 1	7 ESE	6 E	3 ENE	4 ENE	5 ENE	5 ENE	5 ENE	6 ENE	6 ENE	7 E	8 ESE	7 ESE	6 ESE	5 ESE	5 ESE	9 ESE	9 ESE	9 ESE	8 ESE	7 ESE	6 ESE	6 ESE	4 E	4 NE	4 NW	5 NNW	7 NNW	7 NNW	10 NNW	11 NNW	13 NNW	14 NNW	15 NNW	14 NNW	15 NNW	15 NNW	15 NNW			
Greens Bayou	7 ESE	5 E	3 E	3 ENE	5 ENE	4 ENE	5 ENE	5 ENE	5 ENE	7 E	7 ESE	7 ESE	6 ESE	5 ESE	5 ESE	9 ESE	9 ESE	9 ESE	9 ESE	8 ESE	7 ESE	7 ESE	5 E	4 NE	4 NW	4 NNW	5 NNW	6 NNW	7 NNW	8 NNW	9 NNW	9 NNW	9 NNW	9 NNW	10 NNW	10 NNW	10 NNW			
Shell Crude	8 ESE	5 E	4 E	3 ENE	5 ENE	4 ENE	5 ENE	4 ENE	5 ENE	8 E	7 ESE	7 ESE	6 ESE	5 ESE	5 ESE	9 ESE	10 ESE	9 ESE	9 ESE	8 ESE	7 ESE	6 ESE	5 E	5 NE	4 NW	4 NNW	5 NNW	6 NNW	7 NNW	8 NNW	9 NNW	9 NNW	9 NNW	9 NNW	10 NNW	10 NNW	10 NNW			
Lynchburg Ferries	8 ESE	5 E	4 E	3 ENE	5 ENE	4 ENE	5 ENE	4 ENE	5 ENE	7 E	7 ESE	7 ESE	6 ESE	5 ESE	5 ESE	9 ESE	10 ESE	9 ESE	8 ESE	8 ESE	7 ESE	5 E	5 NE	4 NW	4 NNW	5 NNW	6 NNW	7 NNW	8 NNW	9 NNW	9 NNW	9 NNW	9 NNW	10 NNW	10 NNW	11 NNW	11 NNW			
Exxon 3	8 ESE	5 E	5 E	3 ENE	5 ENE	4 ENE	5 ENE	5 ENE	5 ENE	8 E	8 ESE	8 ESE	7 ESE	6 ESE	4 ESE	10 ESE	10 ESE	10 ESE	10 ESE	9 ESE	8 ESE	7 ESE	6 E	5 NE	5 NW	5 NNW	6 NNW	6 NNW	7 NNW	8 NNW	9 NNW	9 NNW	10 NNW	10 NNW	10 NNW	11 NNW	11 NNW	11 NNW		
Morgans Point	8 E	6 E	6 E	4 ENE	6 ENE	7 ENE	7 ENE	8 ENE	8 ENE	9 E	8 ESE	7 ESE	6 ESE	4 ESE	3 ESE	11 ESE	11 ESE	11 ESE	10 ESE	9 ESE	8 ESE	6 E	5 NE	5 NW	5 NNW	6 NNW	7 NNW	7 NNW	8 NNW	9 NNW	10 NNW	11 NNW	11 NNW	11 NNW	11 NNW	12 NNW	12 NNW	12 NNW		
75/76	10 E	8 E	8 E	6 ENE	8 ENE	9 ENE	11 ENE	11 ENE	11 ENE	11 E	7 ESE	5 ESE	4 ESE	2 ESE	1 ESE	12 ESE	13 ESE	13 ESE	12 ESE	11 ESE	10 ESE	9 E	7 E	6 NE	6 NW	6 NNW	7 NNW	7 NNW	8 NNW	9 NNW	10 NNW	11 NNW	12 NNW	13 NNW	14 NNW	14 NNW	14 NNW	13 NNW	13 NNW	
63/64	10 E	8 E	8 E	6 ENE	7 ENE	9 ENE	10 ENE	10 ENE	11 ENE	10 E	6 ESE	5 ESE	5 ESE	4 ESE	3 ESE	12 ESE	13 ESE	13 ESE	12 ESE	11 ESE	11 ESE	9 E	8 E	7 NE	6 NW	6 NNW	6 NNW	7 NNW	7 NNW	8 NNW	8 NNW	10 NNW	12 NNW	14 NNW	14 NNW	15 NNW	15 NNW	15 NNW	15 NNW	
51/52	17 E	14 E	13 E	13 ENE	14 ENE	13 ENE	13 ENE	14 ENE	16 ENE	17 E	19 ESE	18 ESE	17 ESE	16 ESE	15 ESE	17 ESE	16 ESE	16 ESE	14 ESE	13 ESE	12 ESE	10 E	9 E	8 NE	7 NW	7 NNW	7 NNW	8 NNW	8 NNW	9 NNW	10 NNW	12 NNW	13 NNW	15 NNW	16 NNW	16 NNW	16 NNW	17 NNW	17 NNW	
37/38	10 E	8 E	7 E	7 ENE	7 ENE	8 ENE	8 ENE	9 ENE	10 ENE	10 E	9 ESE	8 ESE	8 ESE	8 ESE	8 ESE	13 ESE	13 ESE	13 ESE	12 ESE	11 ESE	10 ESE	8 E	7 NE	6 NW	6 NNW	6 NNW	7 NNW	7 NNW	8 NNW	8 NNW	9 NNW	10 NNW	12 NNW	14 NNW	14 NNW	15 NNW	15 NNW	15 NNW	15 NNW	
25/26	11 E	9 E	7 E	8 ENE	9 ENE	8 ENE	9 ENE	10 ENE	11 ENE	11 E	11 ESE	11 ESE	10 ESE	9 ESE	9 ESE	13 ESE	13 ESE	12 ESE	11 ESE	10 ESE	9 E	8 E	7 NE	6 NW	6 NNW	6 NNW	6 NNW	7 NNW	7 NNW	8 NNW	8 NNW	9 NNW	10 NNW	11 NNW	13 NNW	13 NNW	14 NNW	14 NNW	15 NNW	15 NNW
11/12	13 E	11 E	9 E	10 ENE	11 ENE	10 ENE	11 ENE	12 ENE	13 ENE	13 E	13 ESE	13 ESE	11 ESE	10 ESE	10 ESE	13 ESE	13 ESE	12 ESE	11 ESE	11 ESE	9 E	8 E	7 NE	7 NW	7 NNW	7 NNW	7 NNW	8 NNW	8 NNW	9 NNW	9 NNW	11 NNW	12 NNW	13 NNW	14 NNW	14 NNW	14 NNW	14 NNW	14 NNW	14 NNW
1 & 2 Bravo	16 E	14 E	12 E	14 ENE	14 ENE	14 ENE	14 ENE	15 ENE	15 ENE	15 E	14 ESE	14 ESE	14 ESE	13 ESE	11 ESE	14 ESE	14 ESE	14 ESE	14 ESE	13 ESE	12 ESE	11 E	10 E	9 NE	9 NW	8 NNW	8 NNW	9 NNW	9 NNW	10 NNW	14 NNW	15 NNW	15 NNW	16 NNW	16 NNW	16 NNW	16 NNW	16 NNW	16 NNW	16 NNW

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Houston Pilots: Fri. 12/15/2023



Forecast Discussion

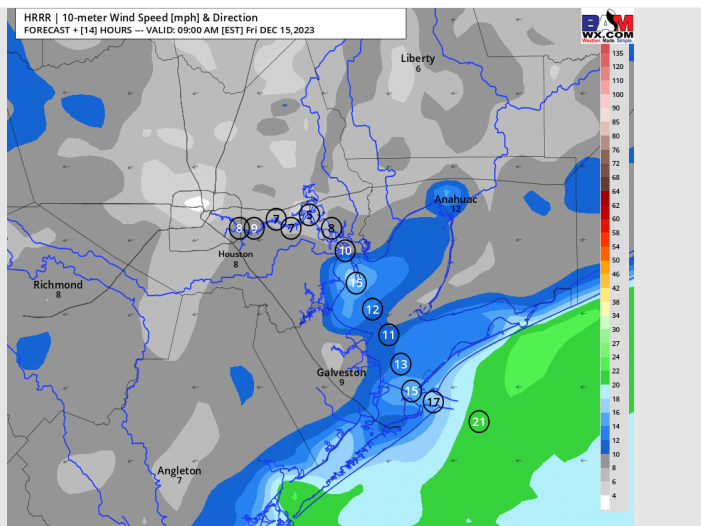
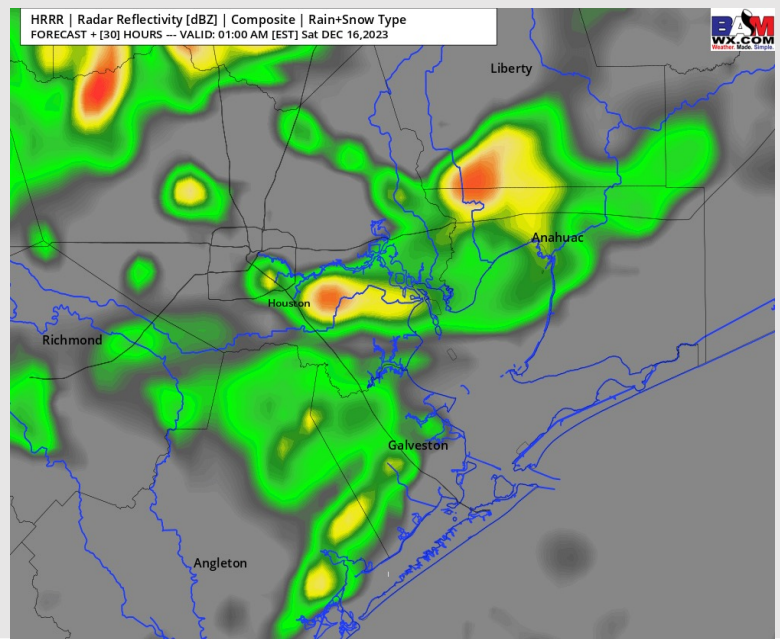
Precip: Low end chances (10%) for scattered showers during the AM hours. Scattered Pockets of Heavy Rain / Storms possible after 6 PM with storm front arriving shortly after midnight / early Saturday AM.

Wind: Winds will continue to remain out of the E through 8PM before veering out of the ESE prior to arrival of front. **N of Morgan's Point:** Winds will be 4-9 kts for the entire day. **S of Morgan's Point:** 10 - 15 kts for the entire day, with winds of 13-18 kts at 11/12 and the Boarding Station. **Gusts of up to 22 kts North of Morgan's Point and up to 22 - 26 kts at 11/12 and the Boarding Station. Localized Storm Gusts of up to 35kts can't be ruled out for all locations.**

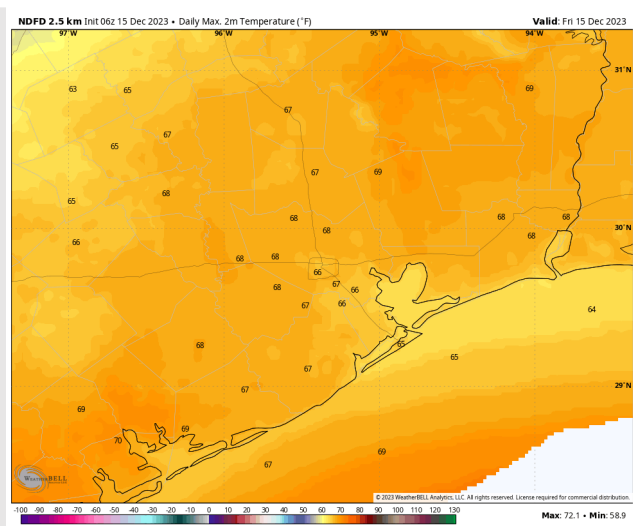
High Temps: **N of Morgan's Point:** Mid 60s F. **S of Morgan's Point:** Mid 60s F.

Visibility: Not favoring sea fog concerns at this point given timing of front, however heavy rainfall in the late PM may reduce visibilities at times.

Precip Image: SAT 12 AM CT



Wind Speed:
8 AM CT



High Temps
Today

Houston Pilots: Sat. 12/16/2023



Forecast Discussion

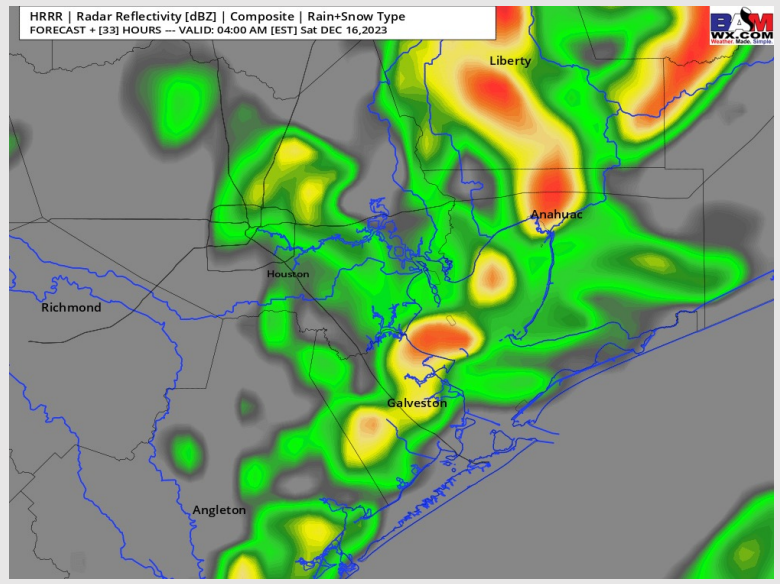
Precip: Scattered pockets of moderate to heavy showers/some storms will move out with the front as it moves past the area after 5AM, with (20%) chances continuing through 9AM.

Wind: Winds will be variable and range from 5 - 10 kts for all locations as the front passes through about 2AM and then veer out of the N - NNE. **N of Morgan's Point:** Winds will increase to 8 - 12 kts by 5AM and continue that way for the remainder of the day. **S of Morgan's Point:** Winds will increase to 10 -15 kts by 5AM and continue that way for the remainder of the day. For the Boarding Station, winds of 13 - 18 kts will be possible between 10AM and 4PM, with localized gusts of up to 22 kts.

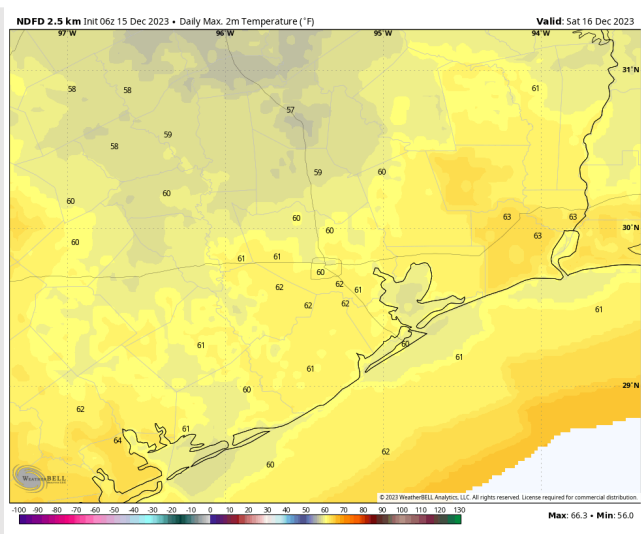
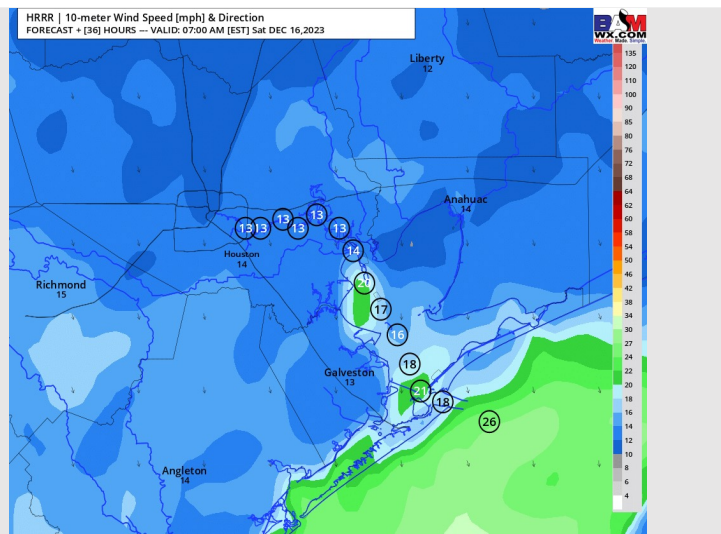
High Temps: **N of Morgan's Point:** Low 60s F. **S of Morgan's Point:** Low 60s F

Visibility: Not anticipating any fog concerns for Saturday, however heavy rainfall may reduce visibilities at times.

Precip Image: 3 AM CT



Wind Speed:
6 AM CT



High Temps
Saturday

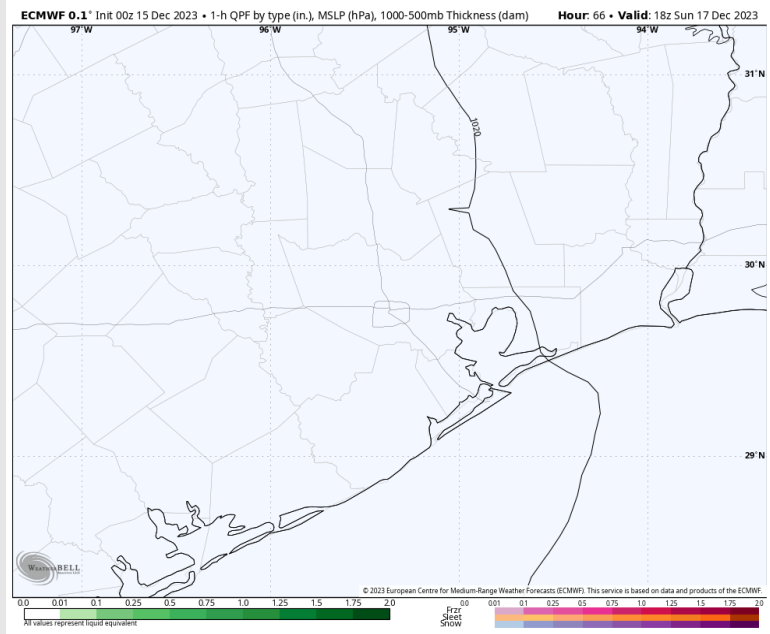
Houston Pilots: Sun. 12/17/2023



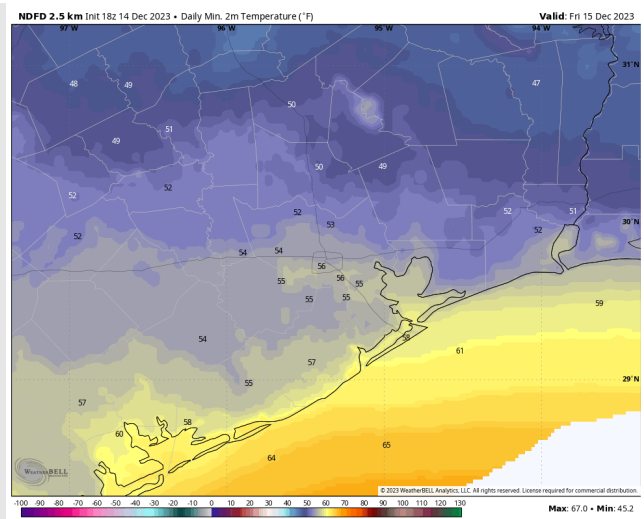
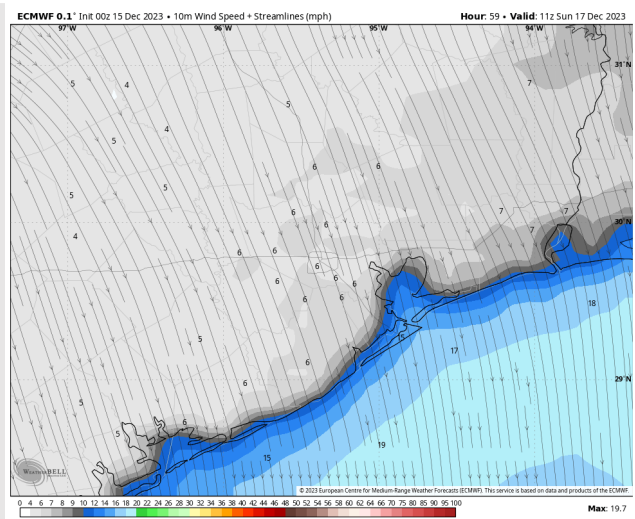
Forecast Discussion

- Precip:** Anticipating dry conditions throughout Sunday.
- Wind:** Winds will remain out of the N through much of the day SUN but will shift out of the NW near 6 PM. **N of Morgan's Point:** Winds will be 3-8 kts for the entire day. **S of Morgan's Point:** Winds at 10-15 kts will gradually decrease through the morning, setting at 3-8 kts by 2 PM.
- High Temps:** **N of Morgan's Point:** Low 60s F. **S of Morgan's Point:** Low 60s F.
- Visibility:** Not anticipating any visibility concerns today.

Precip Image: 12 PM CT

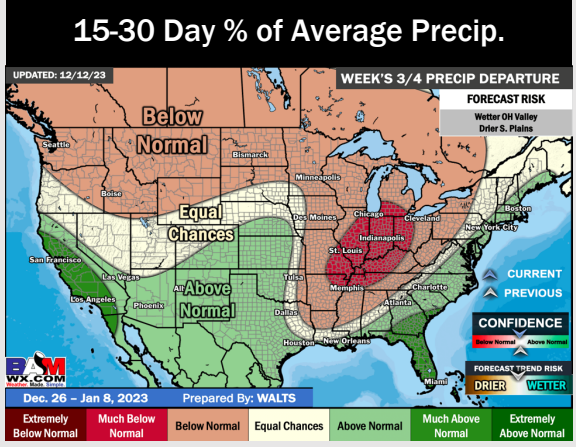
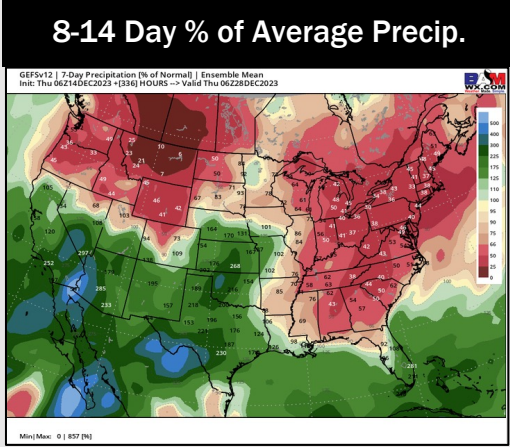
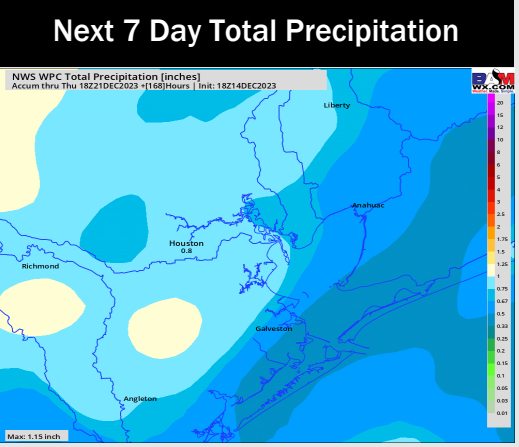
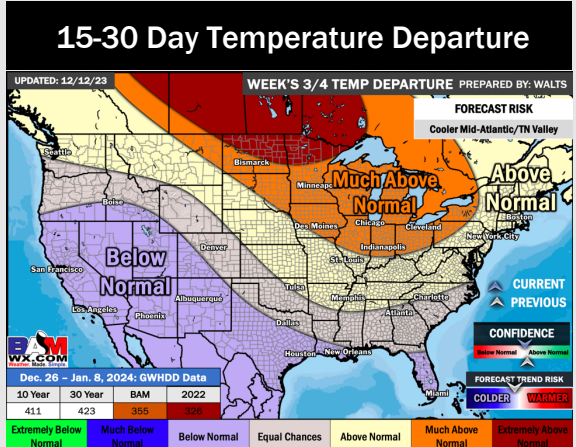
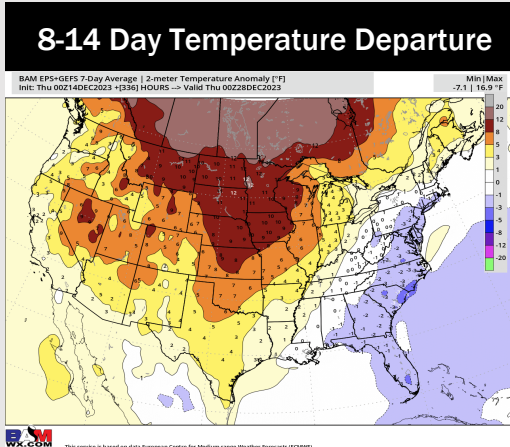
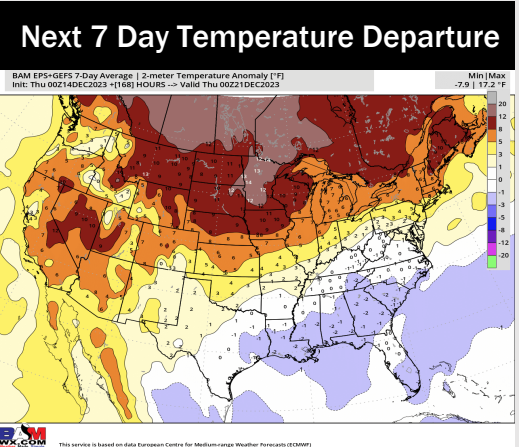


Wind Speed:
5 AM CT



High Temps
Sunday

Houston Pilots: 12/15/23



- Next best shot at rain will move in this Friday afternoon into Saturday morning. Below normal to seasonal temperatures favored for the week 1 timeframe.
- Above normal precipitation chances and slightly above normal temperatures are expected into the week 2 timeframe.
- Below normal temperatures and slightly above normal chances for precipitation are favored in the weeks ¾ timeframe.