

Houston Pilots Forecast Package



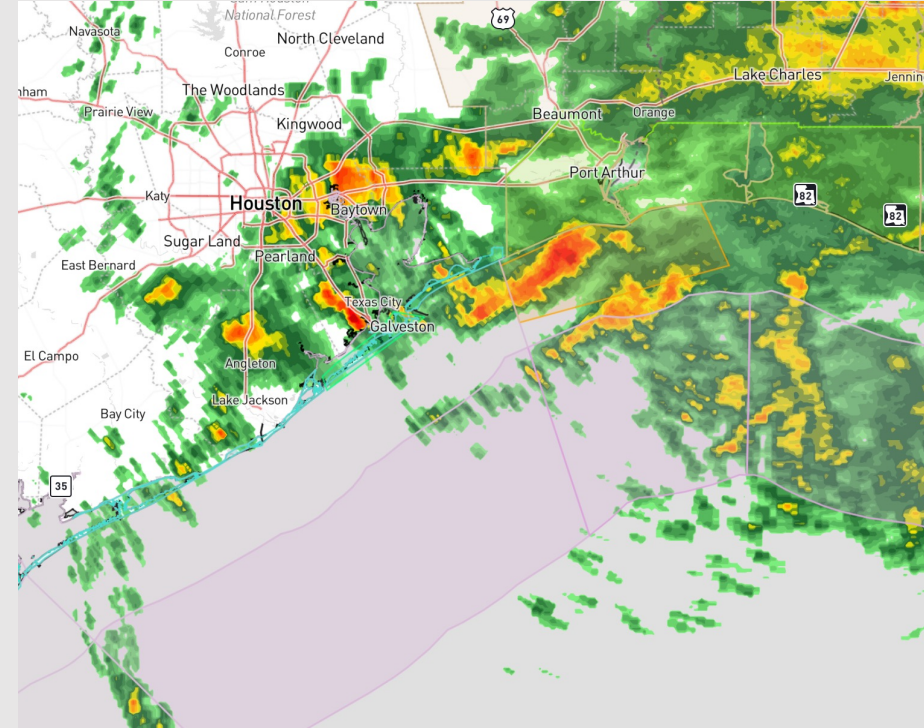
Updated: 2:40 PM CT

Thursday, November 30, 2023

Forecaster: Alyssa Elliott

Weather Headlines

- Scattered showers/storms expected to continue through the day. Severe weather risks will hang around until ~5 PM. **Gusts of 40 - 50 kts can't be ruled out under the strongest storms, with the Boarding Station being at the greatest risk.**
- **Max wave heights increase for this evening with heights up to 5 - 7' for the Boarding Station.**
- **Anticipating patchy to widespread fog to develop this PM with visibility risks continuing through the AM.**



Radar/NWS Alerts: 2:40 PM CT

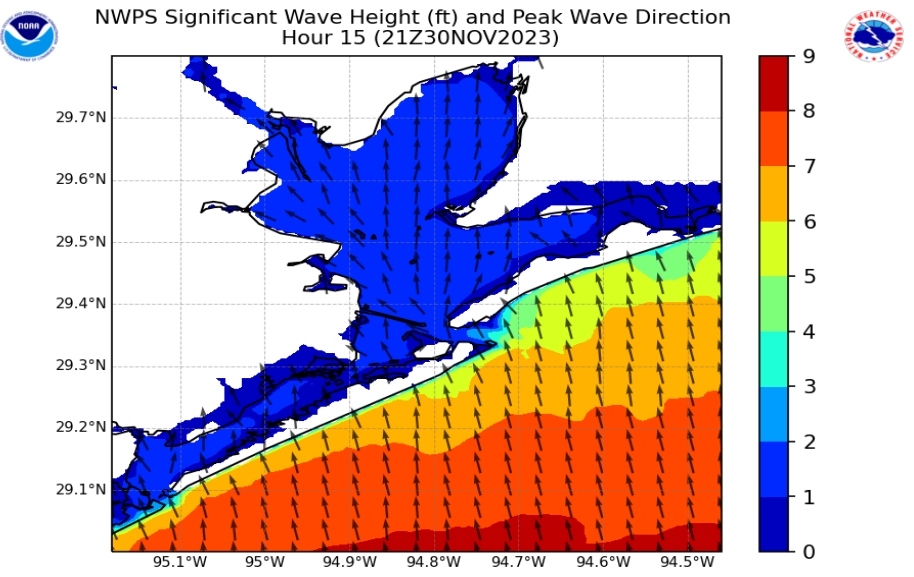


As always, please do not hesitate to reach out to us with any forecast questions via the chat option on the Weather Porthole or our on-call number, **(317)-560-8122** press 1 for forecast questions.

Houston Pilots Wave Height Update

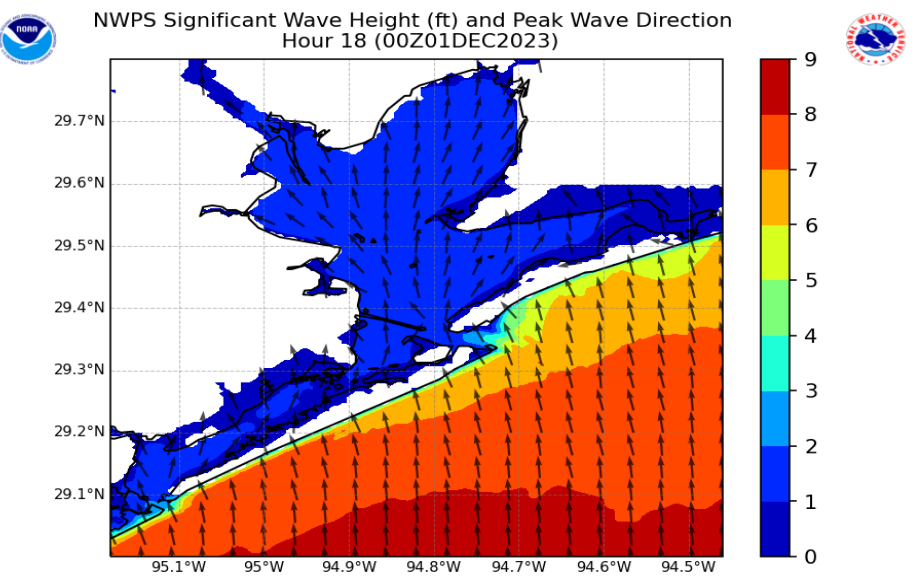


Significant Wave Height Image



3 PM CST Thursday
Afternoon

The top image shows wave heights around 3 PM CST for this afternoon. Wave heights will slightly increase throughout the afternoon, with best potential for Boarding Station to see locally 5 – 7' max wave height between 3PM – 9 PM.



6 PM CST Thursday
Evening

Heights are not expected to exceed 3 feet for any other station S of Morgan's Point aside from 11/12 with 3 – 5' and the Boarding Station. Max wave heights will gradually die down after 9PM.

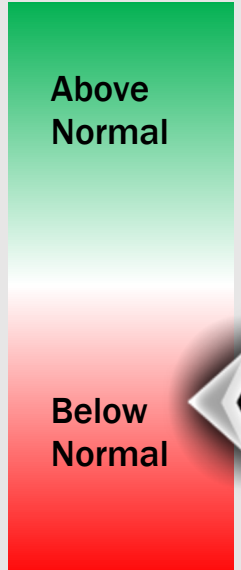
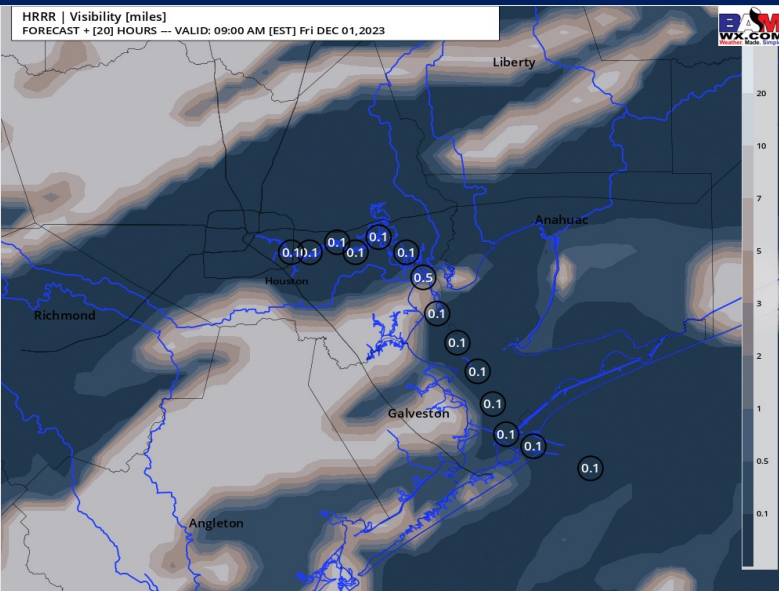
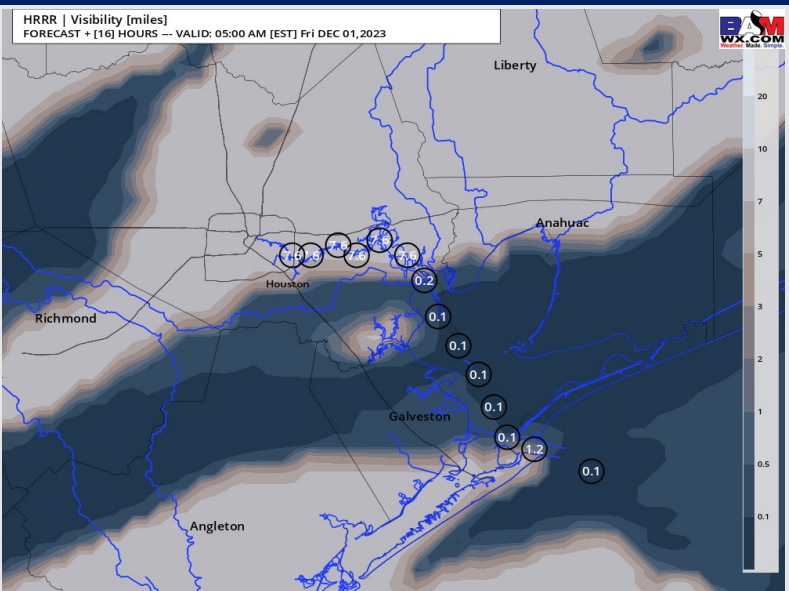
Houston Pilots Visibility Report



4 AM CT FRI VISIBILITY

8 AM CT FRI VISIBILITY

Confidence



TIMEFRAME DISCUSSED	THREAT
11 PM THU – 10 PM FRI	Med - High

- **Lower confidence exists at this time**, however watching for patchy, dense fog development behind the storms moving through this afternoon as a front looks to stall along the coastline. Patchy fog development could begin as early as 11 PM tonight decreasing visibility to 1 – 3 miles.
- Fog coverage would then increase throughout the early morning hours of Friday, becoming the most widespread and dense between 5 – 11 AM, reducing visibilities to 1 mile or less.
- Watching for the risk of this fog lingering in the Bay for stations S. of Morgan’s Point into the afternoon with the risk being possible until 10 PM Fri.

Houston Pilots Extended Range Visibility Report



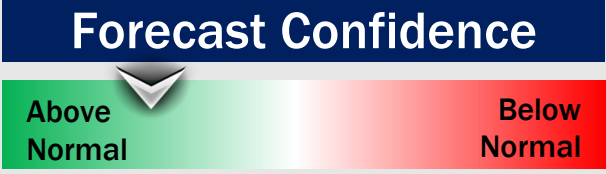
Sunday 12/3/23

No fog concerns for Sunday.



Monday 12/4/23

No fog concerns for Monday.



Tuesday 12/5/23

No fog concerns for Tuesday.



Chance for Fog

Sunday AM	Unlikely
Sunday PM	Unlikely
Monday AM	Unlikely
Monday PM	Unlikely
Tuesday AM	Unlikely
Tuesday PM	Unlikely

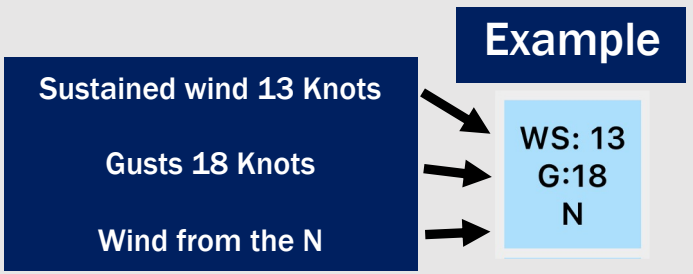
Houston Pilots Visibility Chart (miles)



Time	Thu 12pm	Thu 1pm	Thu 2pm	Thu 3pm	Thu 4pm	Thu 5pm	Thu 6pm	Thu 7pm	Thu 8pm	Thu 9pm	Thu 10pm	Thu 11pm	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	
610 Bridge	3	3	2	2	2	3	3	4	4	5	5	5	4	2	0.72	0.48	0.48	0.24	0.37	0.24	0.24	1	2	3	6	6	6	6	6	7	8	7	6	4	4	3	
Kinder 1	3	3	2	2	2	3	3	4	4	5	5	5	4	2	0.72	0.48	1	1	0.58	0.68	0.68	2	4	5	6	6	6	6	6	7	8	7	6	5	4	4	
Greens Bayou	3	3	2	2	2	3	3	4	4	5	5	5	4	2	0.72	0.48	2	3	1	1	1	4	5	6	6	6	6	6	6	7	6	6	6	6	6		
Shell Crude	3	3	2	2	2	3	3	4	4	4	4	4	4	2	0.72	0.48	5	6	2	3	3	6	7	6	6	6	6	6	6	6	6	6	7	8	7	8	
Lynchburg Ferries	3	3	2	2	2	3	3	4	4	4	4	4	4	2	0.72	0.48	5	6	2	3	3	6	7	6	6	6	6	6	6	6	6	6	7	8	7	8	
Exxon 3	3	3	2	2	2	3	3	4	4	4	4	4	4	2	0.55	0.48	6	6	2	3	3	6	7	6	6	6	6	6	6	6	6	6	7	8	8	8	
Morgans Point	3	3	2	2	3	3	3	4	4	4	4	4	4	2	0.54	0.48	7	7	4	4	4	6	7	7	6	5	5	6	6	6	6	6	7	8	8	8	
75/76	3	3	2	2	3	3	3	4	4	4	4	4	4	2	0.72	0.48	7	7	4	4	4	6	7	7	6	5	5	5	6	6	5	6	7	8	8	8	
63/64	3	3	2	3	3	3	3	4	4	4	4	4	4	2	0.72	0.48	7	7	4	4	4	6	7	6	5	5	5	5	6	6	5	5	7	8	8	8	
51/52	3	3	2	3	3	3	3	4	4	4	4	4	4	2	0.65	0.48	7	7	4	4	5	5	7	5	4	5	4	4	5	5	5	5	5	7	7	8	8
37/38	3	3	2	2	3	3	3	4	4	5	4	4	4	2	0.57	0.48	5	5	4	4	5	5	6	3	4	5	4	4	5	5	5	5	5	6	6	8	6
25/26	3	2	2	2	3	3	3	3	4	5	4	4	4	2	1	1	5	5	5	5	6	6	5	3	4	4	4	4	5	5	5	5	5	4	5	8	5
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1 & 2 Bravo	2	2	2	2	2	3	3	3	4	5	4	4	4	2	2	1	0.77	0.77	0.77	0.33	2	2	1	3	3	3	3	3	3	3	3	3	3	3	3	3	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



Time Knots	Thu 12pm	Thu 1pm	Thu 2pm	Thu 3pm	Thu 4pm	Thu 5pm	Thu 6pm	Thu 7pm	Thu 8pm	Thu 9pm	Thu 10pm	Thu 11pm	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	
610 Bridge	11	11	10	9	9	8	5	4	2	2	3	3	2	2	2	4	4	3	2	2	2	3	4	3	4	4	5	5	5	6	6	5	5	4	4	4	
	28	28	22	22	19	19	12	10	5	3	5	9	8	9	10	7	5	4	4	4	4	4	6	5	5	6	6	8	8	8	8	8	8	8	8	8	8
Kinder 1	11	10	10	9	9	9	5	4	3	2	2	3	2	2	2	4	3	3	2	2	2	3	4	3	3	4	4	5	5	6	6	5	5	4	4	4	
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Greens Bayou	12	11	11	11	11	9	5	5	3	2	2	3	2	2	2	4	3	3	2	2	2	3	4	3	3	4	4	5	5	6	6	5	5	4	4	4	
	28	27	25	28	21	20	13	10	5	4	4	7	9	8	9	6	5	4	4	3	4	3	4	5	5	6	7	8	8	9	9	8	7	7	6	6	6
Shell Crude	12	11	12	12	10	9	6	5	3	2	2	3	2	2	2	4	3	3	2	2	3	4	3	3	4	4	5	5	5	6	6	5	5	4	4	4	
	28	26	25	29	20	20	14	10	5	3	4	7	10	8	8	7	5	4	4	4	4	5	6	5	6	6	7	8	8	9	9	8	7	7	6	5	5
Lynchburg Ferries	13	12	12	13	11	10	7	5	3	2	2	3	2	2	2	4	3	3	2	2	3	4	3	3	4	3	3	4	5	5	6	6	5	5	4	4	4
	29	28	28	30	22	22	16	12	6	4	4	5	9	8	7	7	5	4	4	4	4	4	6	5	5	6	7	8	8	9	9	8	7	7	6	6	6
Exxon 3	13	13	13	12	10	10	8	6	3	2	2	2	2	1	1	5	4	4	3	3	3	3	4	3	3	4	4	5	5	6	6	5	5	4	4	4	4
	29	29	28	29	22	22	18	13	8	4	3	5	9	8	7	7	6	5	4	4	4	5	6	5	6	6	7	8	7	8	8	7	7	6	6	6	6
Morgans Point	14	14	9	13	12	9	10	6	5	2	2	3	2	2	2	6	5	4	3	3	4	4	4	4	4	4	5	5	6	6	6	6	5	5	4	4	4
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75/76	16	16	9	18	17	9	12	6	7	4	2	3	4	4	3	7	6	5	4	4	4	4	4	4	4	5	5	6	6	7	7	6	6	6	6	6	6
	28	29	25	32	29	23	20	13	11	4	2	7	11	11	10	8	7	5	5	4	5	6	6	6	6	7	7	8	9	8	8	7	7	6	6	6	6
63/64	16	18	15	20	19	11	13	9	8	4	2	4	6	6	3	7	5	4	3	3	4	4	4	4	4	5	5	6	6	7	8	7	6	6	5	5	5
	26	28	26	30	29	23	19	13	11	4	2	7	15	13	10	8	7	5	4	5	5	6	6	6	6	8	8	8	9	8	8	7	7	6	6	6	6
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	23	22	26	27	27	21	18	13	10	3	3	8	15	12	9	8	7	5	4	5	5	6	6	6	7	8	8	8	8	8	8	7	7	6	6	6	6
37/38	12	10	18	20	16	13	11	10	6	3	2	3	3	3	2	6	5	3	3	3	3	3	4	4	4	5	5	5	5	5	7	6	5	5	5	4	4
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25/26	10	11	13	20	17	12	10	9	6	3	1	2	2	2	2	6	5	4	3	3	3	4	4	4	5	5	5	5	5	6	6	5	5	5	5	4	4
	17	18	19	29	25	18	14	11	7	3	4	9	12	12	8	8	7	6	5	5	5	6	6	7	7	7	7	7	7	7	7	6	6	6	6	6	6
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	17	17	21	25	25	19	14	12	7	3	4	7	11	11	9	9	7	6	5	5	5	6	6	6	7	8	7	7	7	7	7	7	7	7	7	7	6
1 & 2 Bravo	10	9	18	17	17	17	12	10	5	3	1	2	3	3	3	8	7	5	4	4	4	4	4	5	5	6	5	5	6	7	8	7	7	7	7	6	6
	12	13	22	23	23	21	15	14	5	4	6	8	9	8	11	9	8	7	6	5	5	6	7	7	8	8	8	8	8	8	8	8	8	8	8	8	7

NOTE: This is automated data that may/may not agree with the official BAM thinking that's found on the daily slides. This data should be used as a guide only. Wind gusts underdone, especially near the Boarding Station.

Houston Pilots: Thu. 11/30/2023



Forecast Discussion

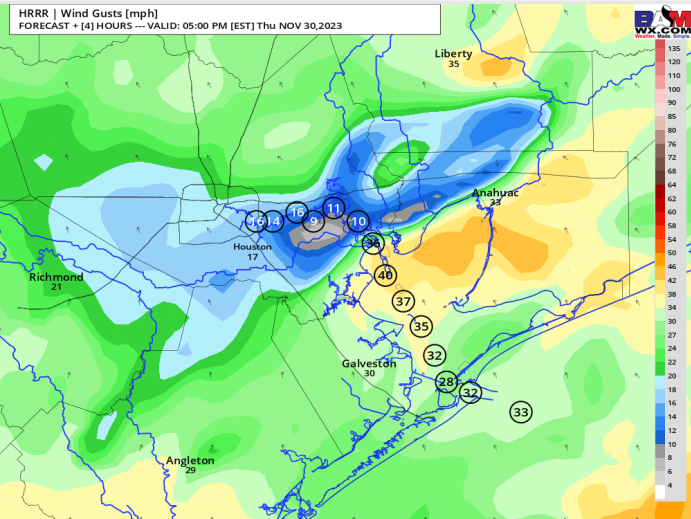
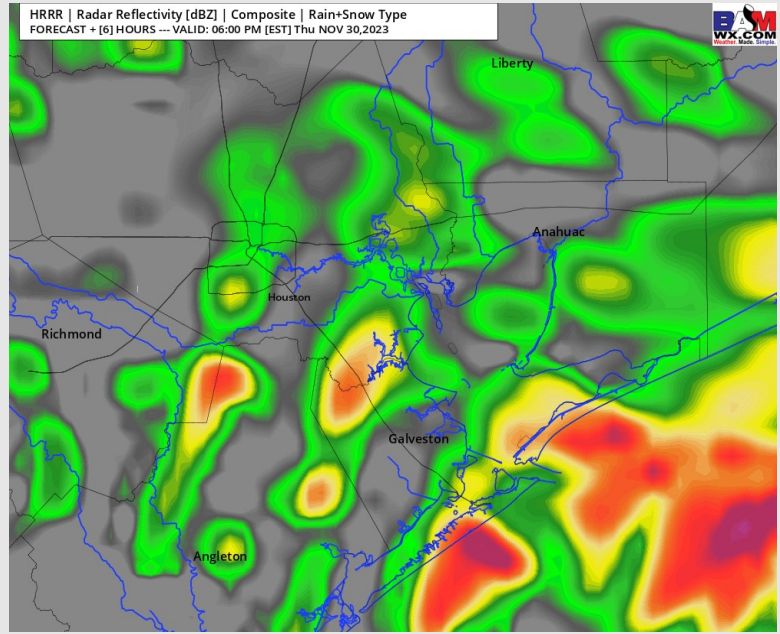
Precip: Scattered to widespread showers and T-storms are expected to continue through 7 PM-CT (70%). The heaviest downpours will continue to set up over the Boarding Station. After 7 PM, 30% chances continue through 10 PM before rain finally pushes out of the area. **Monitoring a continued severe risk due to strong wind gusts up to 50 kts, tornado potential and a low end hail threat.**

Wind: Winds will be out of the SE/SSE for the rest of the day. **N of Morgan's Point:** Sustained at 15-20 kts until 6 PM with the rest of the day sitting around 5 - 10 kts. **S of Morgan's Point:** Winds 18-23 kts for the rest of the day. **Wind gusts of 35-45 kts will be possible after through the afternoon (independent of strong storms).**

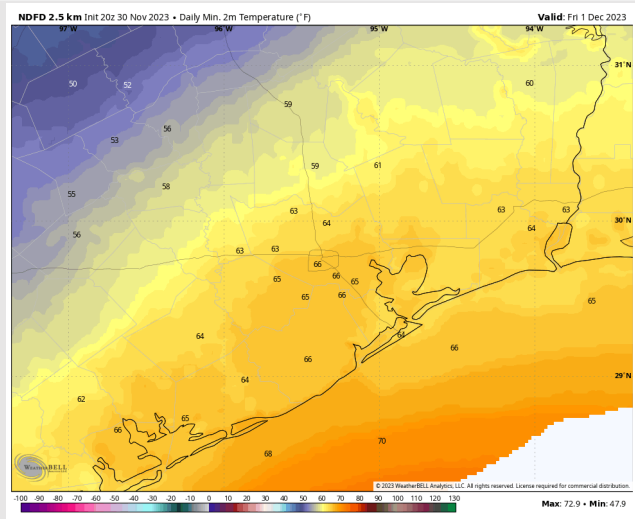
Low Temps: **N of Morgan's Point:** Mid 60s F. **S of Morgan's Point:** Mid to Upper 60s F.

Visibility: Watching for patchy to potentially widespread fog development behind the storms this evening. More details found on the visibility report above.

Precip Image: 5 PM CT



**Wind Gusts:
4 PM CT**



**Low Temps
FRI AM**

Houston Pilots: Fri. 12/01/2023



Forecast Discussion

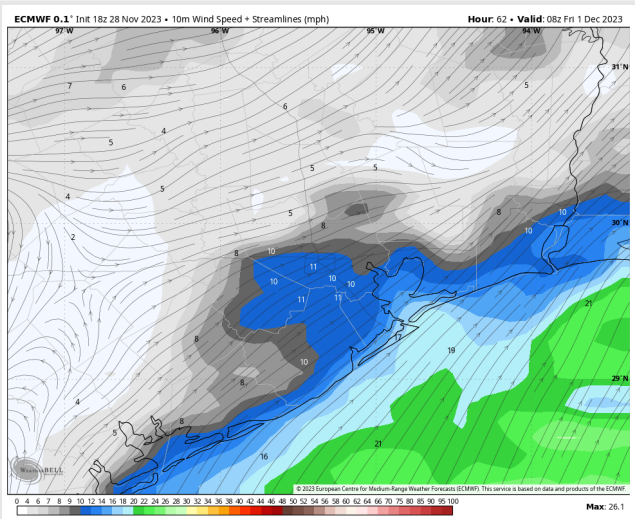
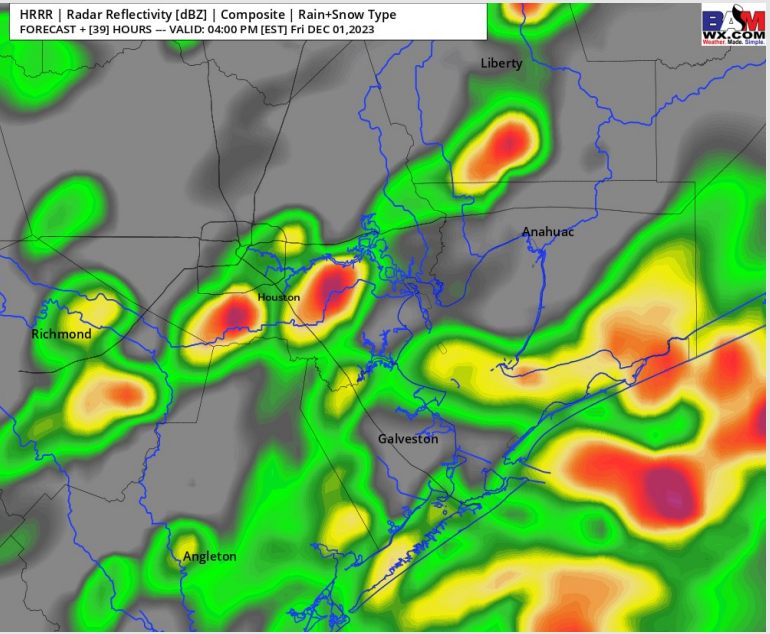
Precip: Showers / iso storms (30 – 40%) will push in at 10 AM Friday before coverage increases around 12 - 6PM (60%). Favoring rain to taper off, becoming isolated (20-30%) with showers between 6 PM - 12 AM CT.

Wind: Winds will start out of the NW before slowly shifting to the be out of the NE by the end of the day. **N of Morgan's Point:** Winds will briefly be 7 – 12 kts through 3 AM before decreasing to 3-8 kts for the remainder of the day. **S of Morgan's Point:** Winds will be 12 – 17 kts through 5 AM before decreasing to 4-9kts for the rest of the day. Gusts of 20-25 kts embedded in storms cannot be ruled out.

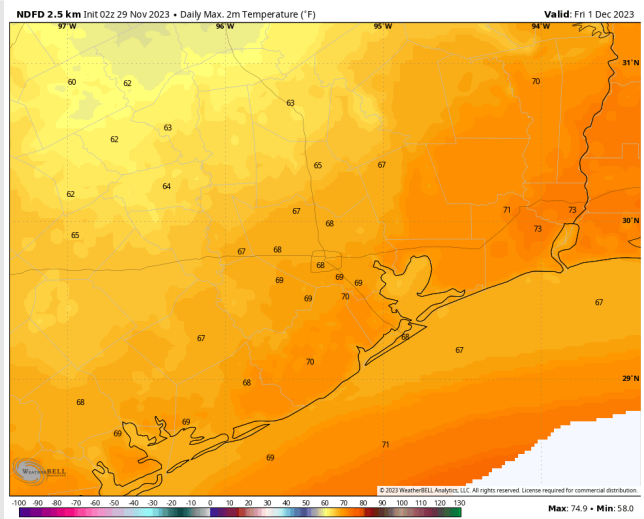
High Temps: **N of Morgan's Point:** High 60's F. **S of Morgan's Point:** Mid to Upper 60's F

Visibility: Patchy to widespread fog expected through the AM with a low end threat for patchy fog to continue for stations S of Morgan's Point into the PM.

Precip Image: 3 PM CT



Wind Speed:
2 AM CT



High Temps
Friday

Houston Pilots: sat. 12/02/2023



Forecast Discussion

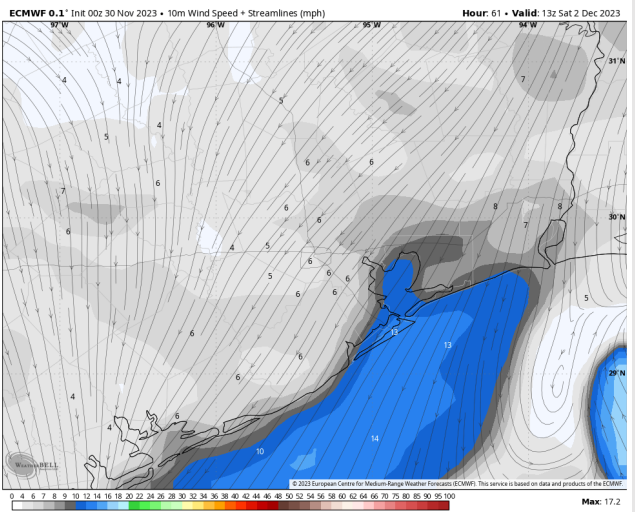
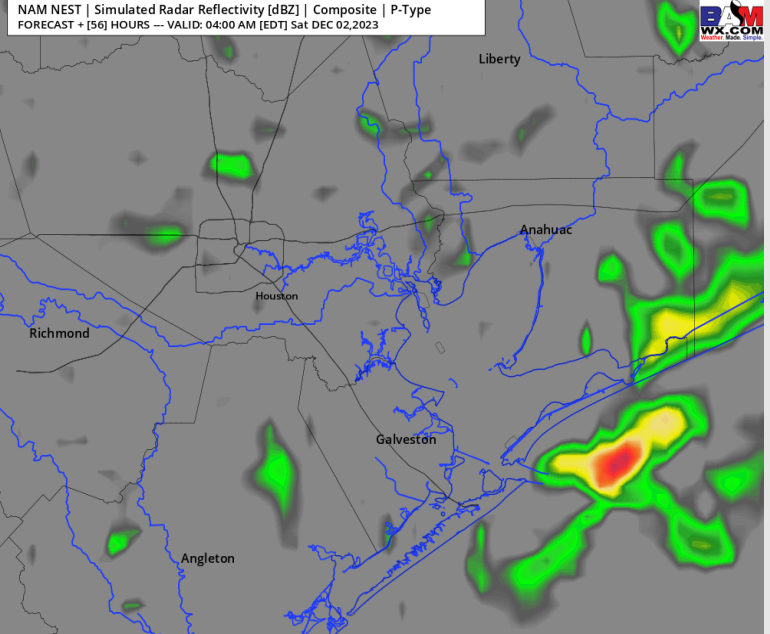
Precip: Dry conditions are favored throughout the day, aside from drizzle chances (10%) through 4AM-CT.

Wind: Winds out of the NE through most of Saturday. **N of Morgan's Point:** Winds at 3 - 6 kts for all of Saturday. **S of Morgan's Point:** winds will be 10 - 15 kts through the entirety of the day.

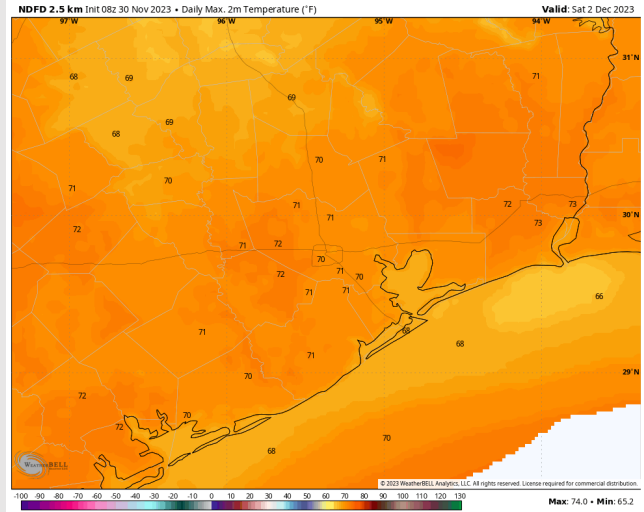
High Temps: **N of Morgan's Point:** Lower 70's F **S of Morgan's Point:** Mid 60s F.

Visibility: Not anticipating visibility concerns for Saturday morning given slightly elevated winds.

Precip Image: 3 AM CT

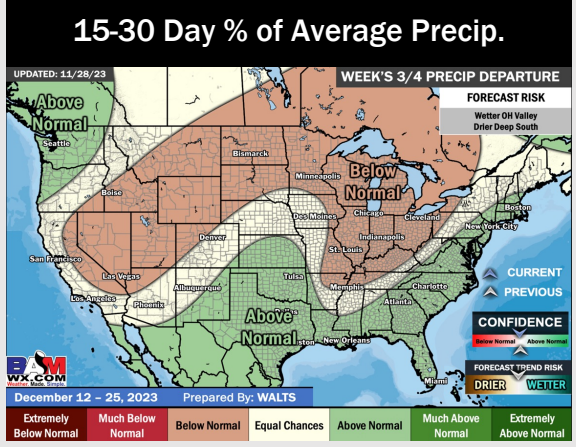
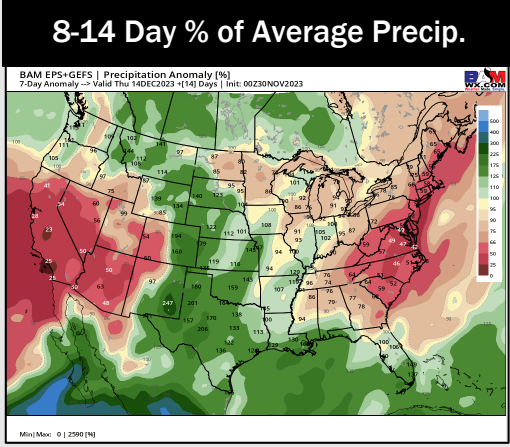
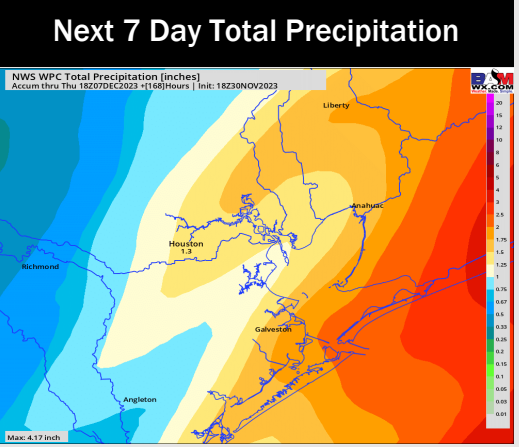
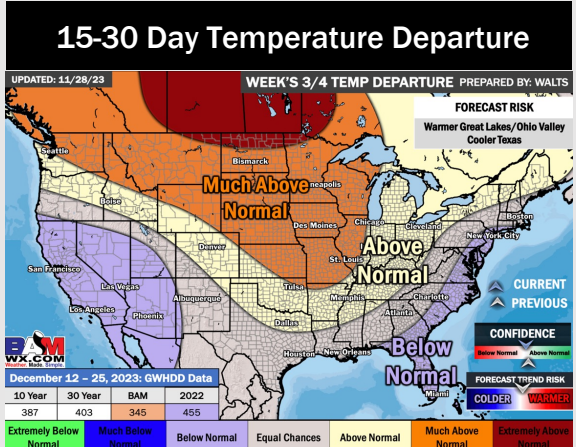
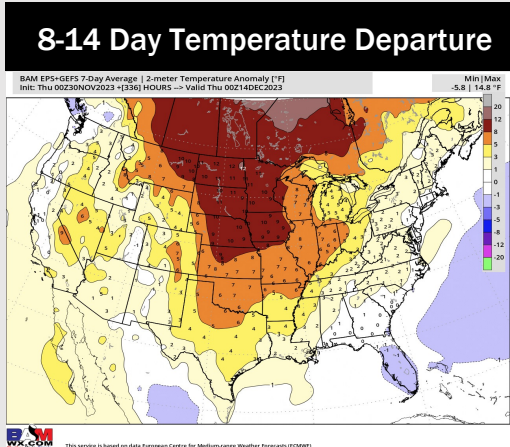
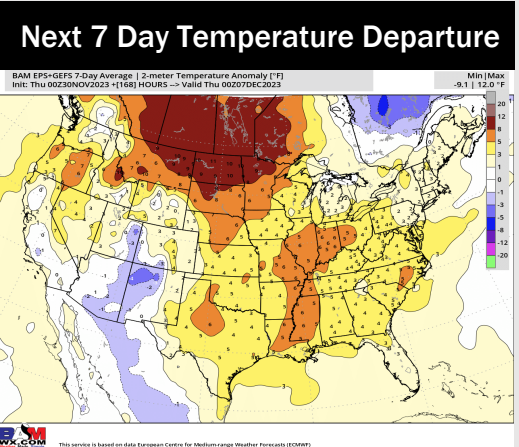


Wind Speed:
8 AM CT



High Temps
Saturday

Houston Pilots: 11/30/23



- Heavy rain chances exist throughout the rest of the evening with an active weekend where rain chances look to persist. Warmer than normal weather is expected this week following the last cold front.
- Above normal rainfall and above normal temperatures are expected into the week 2 timeframe.
- Seasonal temperatures and above normal chances for precipitation are favored in the weeks 3/4 timeframe.