

Houston Pilots Forecast Package



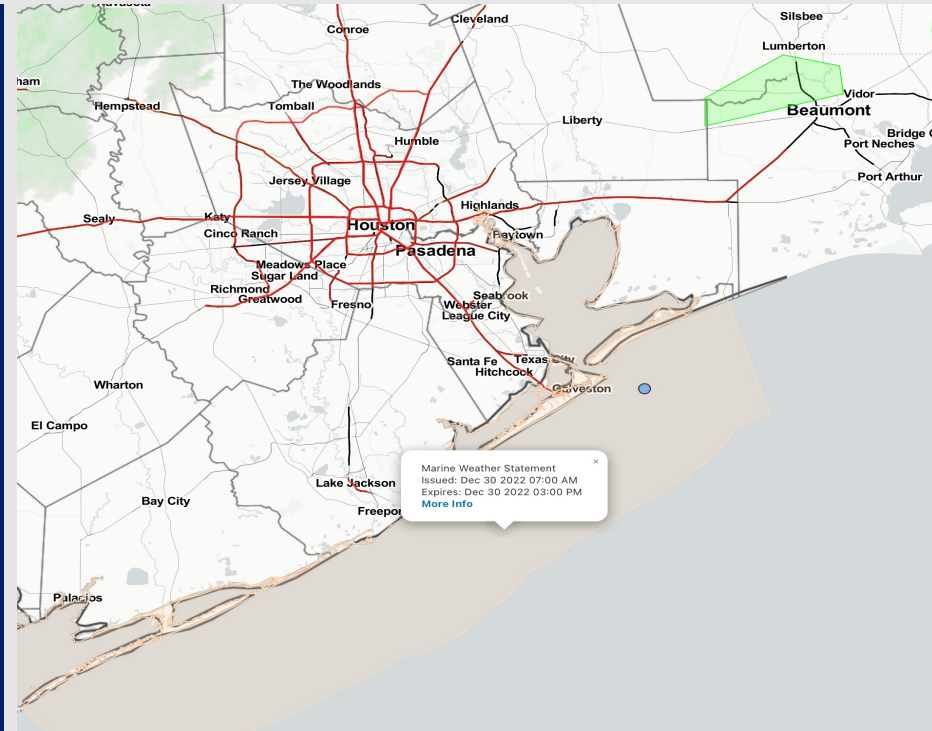
Updated: 2:00 PM CT

Friday, December 30, 2022

Forecaster: Alyssa McClung

Weather Headlines

- **Reduced visibility will be a cause for concern out through Monday morning. While there will not be dense fog out through then, pockets of fog will be possible given lighter winds and a favorable environmental overall.**
- **We do not believe the forecast on the 36 hour visibility chart is 100% accurate, please reference out visibility slides below for official BAM thoughts.**
- **Outside a few spotty showers Sunday PM, a mainly dry weekend is in store. Rain chances return Monday AM and continue through Tuesday.**
- **Elevated winds work back into the cards Monday before a front works back in Tuesday and wipes out the fog threat for a few days.**



Radar/NWS Alerts: 2:00 PM CT



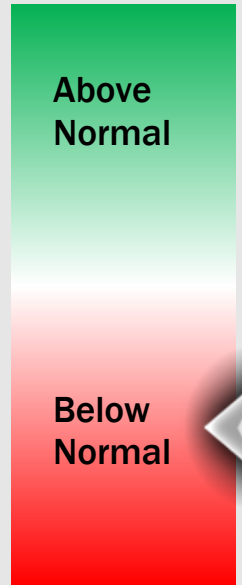
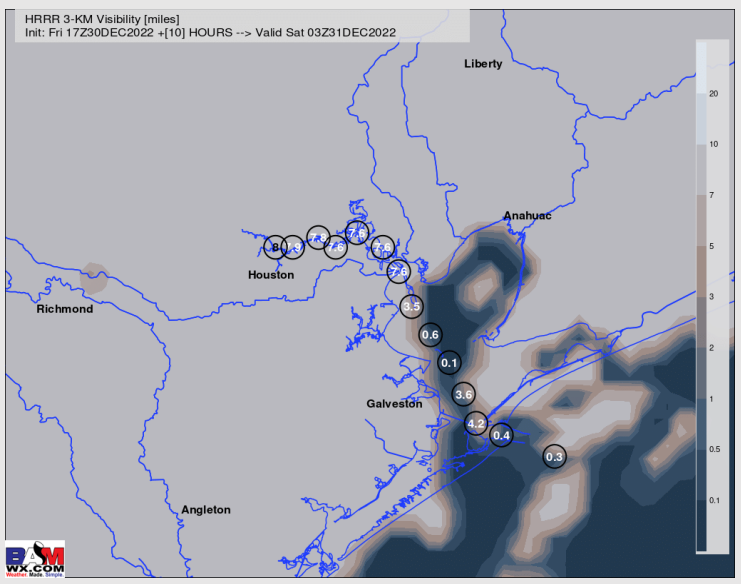
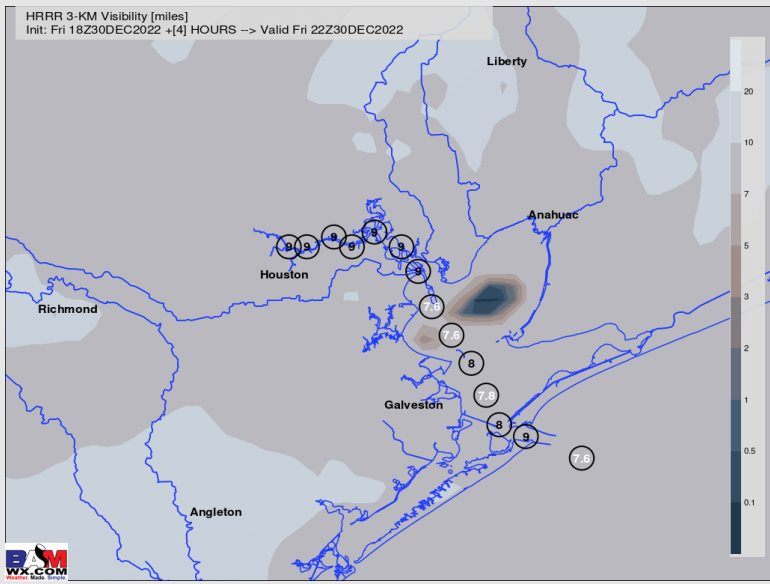
As always, please do not hesitate to reach out to us with any forecast questions via the chat option on the Weather Porthole or our on-call number, **(317)-560-8122** press 1 for forecast questions.

Houston Pilots Visibility Report



4 PM CT FRI VISIBILITY 9 PM CT FRI VISIBILITY

Confidence



TIME	THREAT
3 PM FRI – 12 AM SAT	Medium

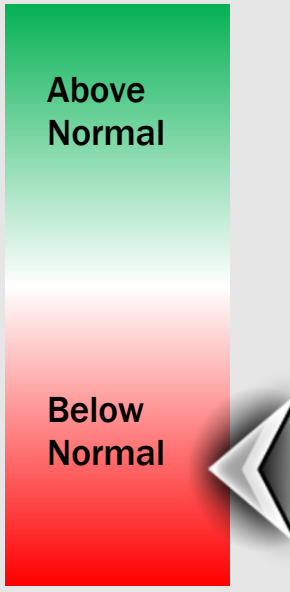
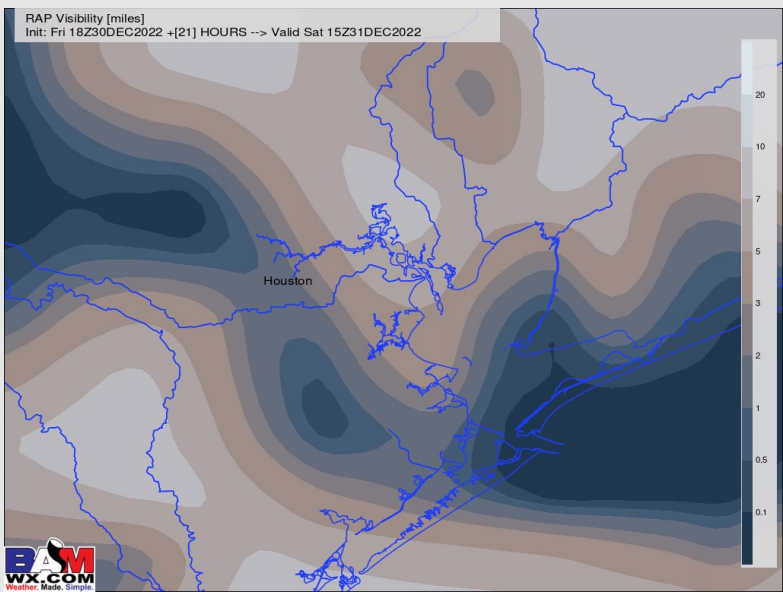
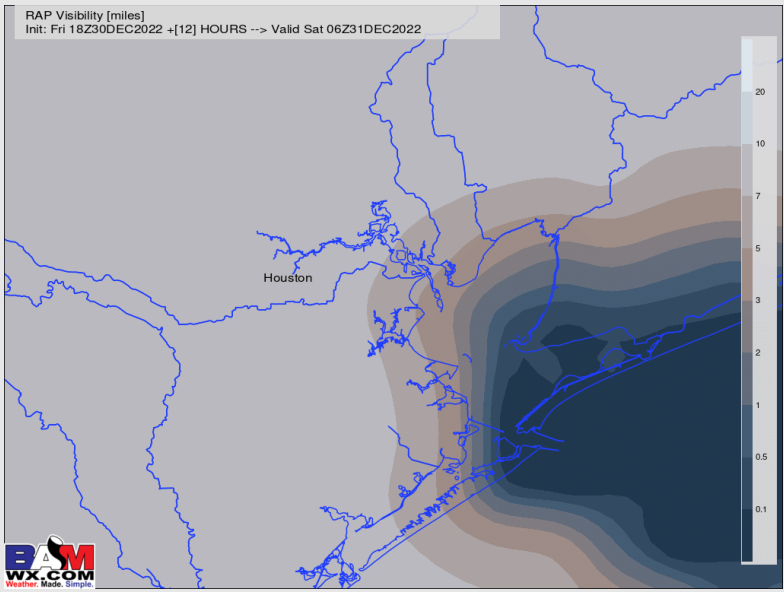
- Low end risk for reduced visibility until approx. 5/6 PM.
- Between 5/6 PM - 12 AM Saturday, calming winds may allow for the re-development of patchy fog with 1 – 2 mile visibility throughout the area.
- After 6 PM (increasing chances as we approach midnight), isolated pockets with reduced visibilities of 0.5 miles or less will be a risk for all station..
- Low confidence for timing and coverage for this fog risk.

Houston Pilots Visibility Report



12 AM CT SAT VISIBILITY 9 AM CT SAT VISIBILITY

Confidence



TIME	THREAT
12 AM SAT - 12 PM SAT	Med - High

- Low confidence on specifics for Saturday morning, however the risk for patchy dense fog with visibilities less than 1 mile (isolated patches of less than 0.5 miles) is very possible for the area.
- Fog coverage will be focused over areas south of Morgan's Point and will slightly decrease in coverage becoming more patchy in nature after 10 AM - 12 PM Saturday.
- The risk for patchy dense fog will possibly re-develop after 6 PM Saturday.

Houston Pilots Extended Range Visibility Report



Monday 1/2/23

Monday's winds will need to be watched carefully as there are very near being too strong for fog. Otherwise, this would be a good fog setup.



Tuesday 1/3/23

A front passing in the AM hours of Tuesday will limit the threat of fog working into Tue.



Wednesday 1/4/23

Winds out of the N will reduce fog chances.



Chance for Reduced Visibility

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

Houston Pilots Visibility Report



Time	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	Sat 12pm	Sat 1pm	Sat 2pm	Sat 3pm	Sat 4pm	Sat 5pm	Sat 6pm	Sat 7pm	Sat 8pm	Sat 9pm	Sat 10pm						
610 Bridge	10	10	10	10	10	10	10	10	10	10	10	9	7	6	5	4	3	2	2	6	6	6	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	9	7	6	5	4	3	2	2	6	6	6	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	9	7	6	5	4	3	3	2	5	5	6	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	9	7	6	4	4	3	2	2	4	4	5	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	9	7	6	4	4	3	2	2	4	4	5	10	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	9	7	6	4	4	3	1	2	4	4	5	10	10	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	9	7	6	4	4	3	1	1	4	4	5	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	
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63/64	10	10	10	10	10	10	10	10	10	10	10	9	7	4	2	1	0.72	0.48	0.72	1	4	4	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
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1 & 2 Bravo	4	7	8	9	6	7	6	6	4	2	6	4	4	2	1	0.29	0.18	0.18	0.18	0.18	0.18	0.18	0.22	0.42	4	7	8	8	8	8	8	8	8	7	6	6	8	8	8	8		

Please check visibility slides above for official thinking on fog as this chart may not be 100% perfect.

Houston Pilots Wind Report



Example

Sustained wind 13 Knots

Gusts 18 Knots

Wind from the N

WS: 13
G:18
N

Time Knots	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	Sat 12pm	Sat 1pm	Sat 2pm	Sat 3pm	Sat 4pm	Sat 5pm	Sat 6pm	Sat 7pm	Sat 8pm	Sat 9pm	Sat 10pm	
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Kinder 1	3	3	4	5	5	4	3	3	3	2	3	2	3	2	3	2	2	2	3	3	3	3	4	5	6	6	6	6	6	7	7	7	7	6	6	6	6
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Greens Bayou	3	3	4	5	6	5	3	3	3	3	4	3	2	3	3	2	2	2	3	3	3	3	4	5	6	6	6	6	6	7	7	7	6	6	6	6	
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Shell Crude	4	4	4	4	6	5	4	3	3	3	4	3	3	3	3	2	3	3	3	3	3	3	4	5	6	6	6	6	6	7	7	7	7	7	7	7	
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Lynchburg Ferries	5	4	4	5	6	6	4	3	4	3	4	2	3	4	3	4	4	4	4	5	4	5	5	6	6	6	6	7	7	7	7	8	8	8	8	8	
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Morgans Point	6	5	4	5	5	4	5	6	5	4	4	2	4	4	4	3	3	4	4	4	4	4	4	5	5	5	6	6	6	6	6	7	8	8	8	8	
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11/12	9	8	8	10	7	6	6	8	8	5	5	4	3	4	3	5	5	5	5	5	5	5	5	6	6	6	6	6	6	6	7	8	8	8	8	9	
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1 & 2 Bravo	8	8	9	11	11	5	5	7	7	6	5	4	4	4	4	5	6	6	6	6	6	6	6	6	6	7	6	6	5	6	6	7	8	8	8	9	
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Houston Pilots: Fri. 12/30/2022



Forecast Discussion

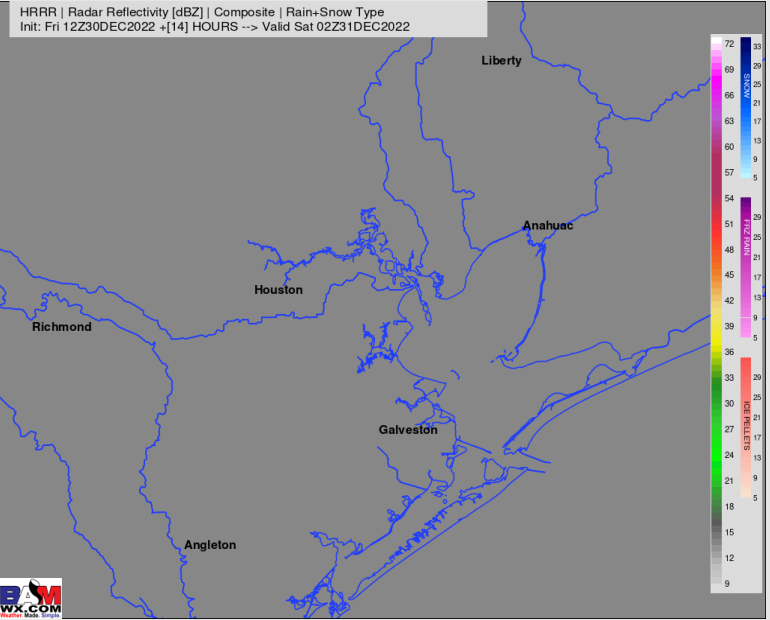
Precip: Pockets of drizzle will be possible (10% chance) for the remainder of the day in an isolated fashion. Overall favoring more dry time than not.

Wind: North westerly winds will generally be in the 3 – 8 kt range for the majority of the day. Wind gusts can be up to 15 kts through 5 PM. Beginning around 6 PM, winds will calm and become more variable at 1 – 6 kts.

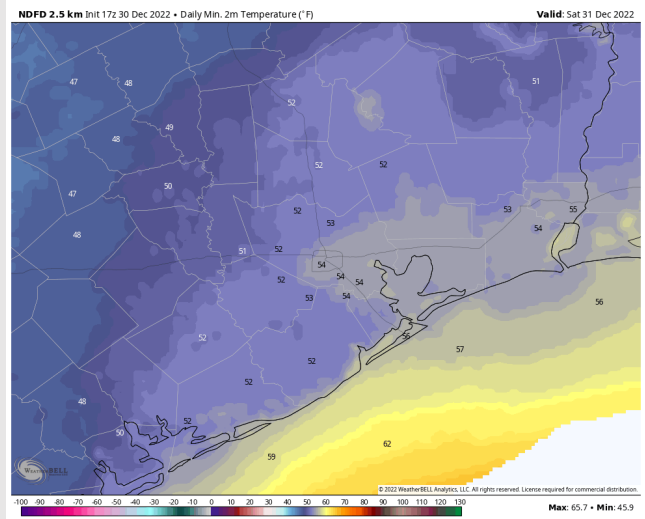
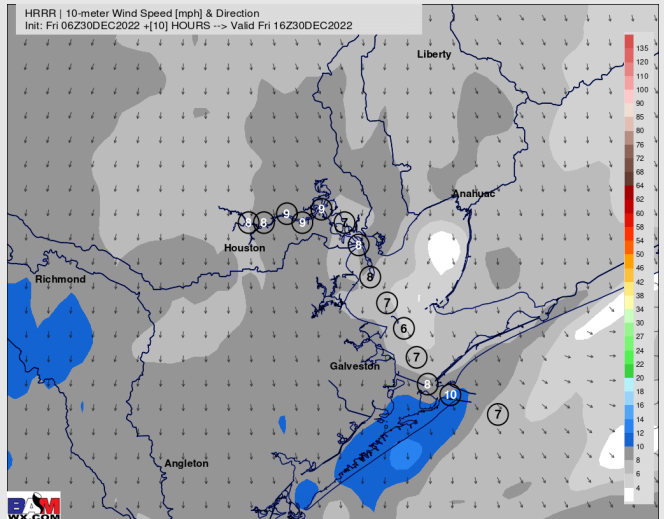
Temps: Low temps Saturday AM in the upper 50s F near the Boarding Station and in the mid to low 50s F for all other stations.

Visibility: Details on reduced visibility on the slides above. Winds out of the north could limit fog concerns, however reduced speeds could restrict fog from moving from the area.

Precip Forecast: 3 PM CT



Wind Speed
10 AM CT



Low Temps
Saturday AM

Houston Pilots: sat. 12/31/2022



Forecast Discussion

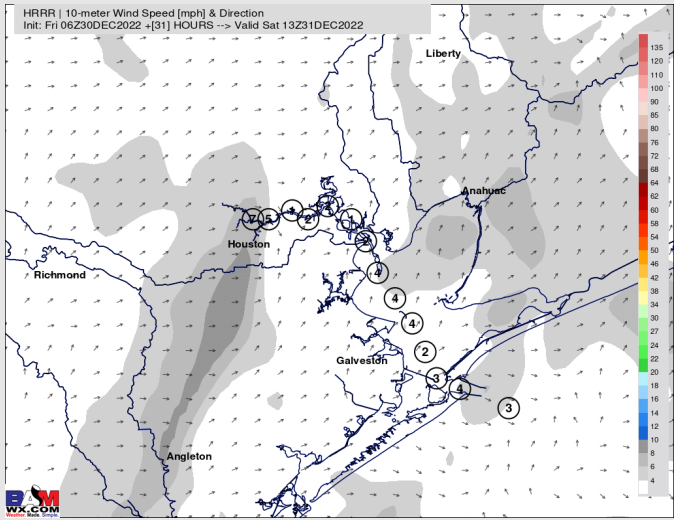
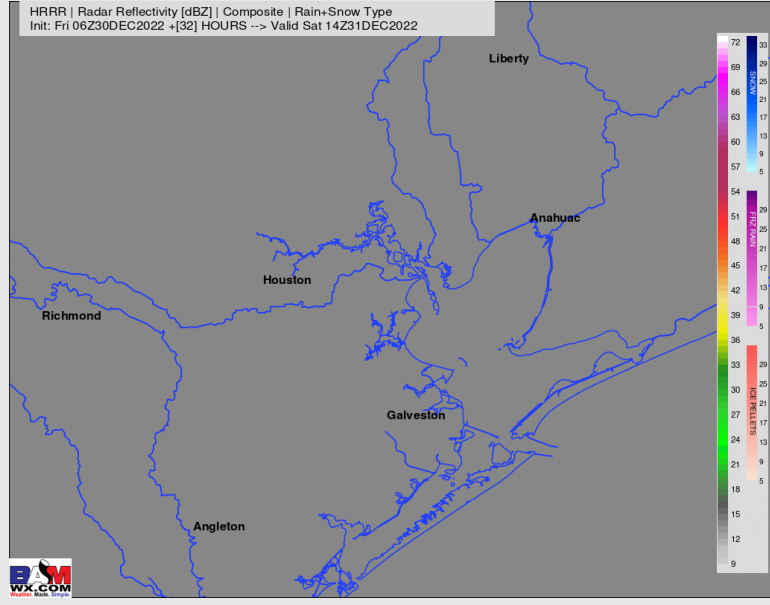
Precip: Anticipating dry conditions throughout the day on Saturday.

Wind: Winds will start out of the north and shift to coming from the west by 6 AM. Winds will then shift to from the SSW by 1 PM and stay there the rest of the day. Winds in the morning hours will be relatively calm at 2-7 kts. Winds in the afternoon will then increase to 7-12 kts, with pockets of 15 kts possible after 7 PM.

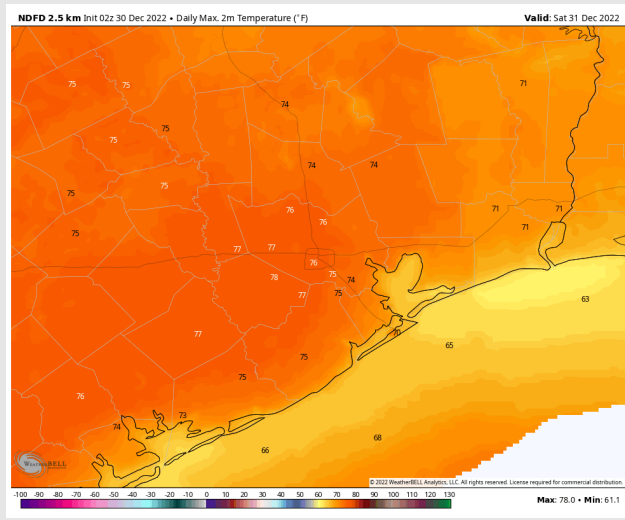
Temps: High temperatures on Saturday will be in the mid to upper 70s F north of Morgan's Point and near 70 F to upper 60s F south of Morgan's Point.

Visibility: Weak winds will allow for potential fog in the AM hours even though winds will be out of the NW.

Precip Forecast: 8 AM CT



Wind Speed
7 AM CT



High Temps
Saturday

Houston Pilots: Sun. 1/1/2022



Forecast Discussion

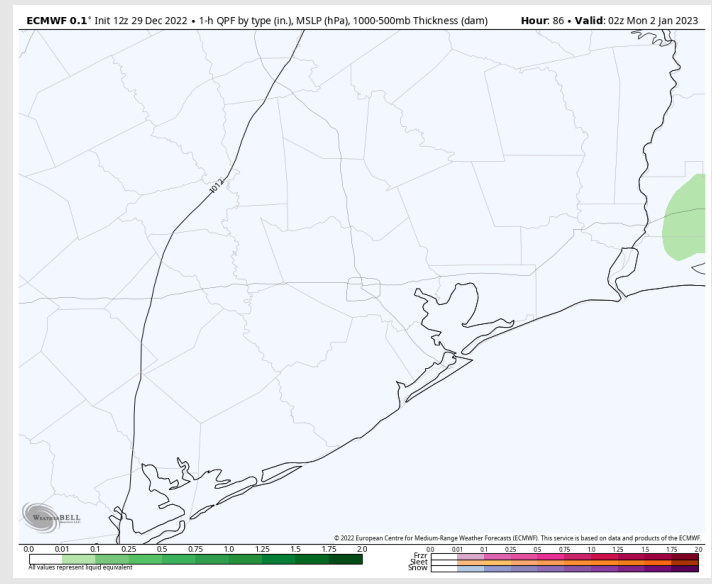
Precip: Favoring dry conditions throughout the day Sunday

Wind: Sustained winds out of the S at 7-11 kts for all stations early Sunday AM. After 10 AM CT, favoring winds for all stations to decrease to 4-8 kts until 1 PM CT. After 1 PM, favoring winds to gradually shift to out of the SE and increase to 9-15 kts for all stations for the rest of the day.

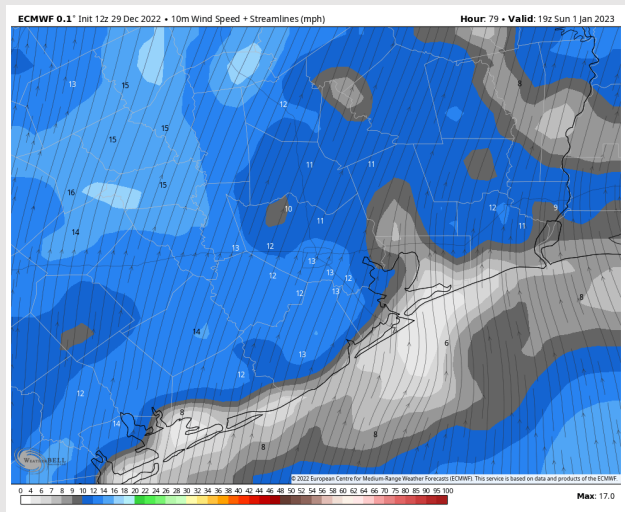
Temps: High temperatures in the upper 60s F near the boring station and in the lower 70s F for all other stations.

Visibility: Check the slides above for more on reduced visibility potential.

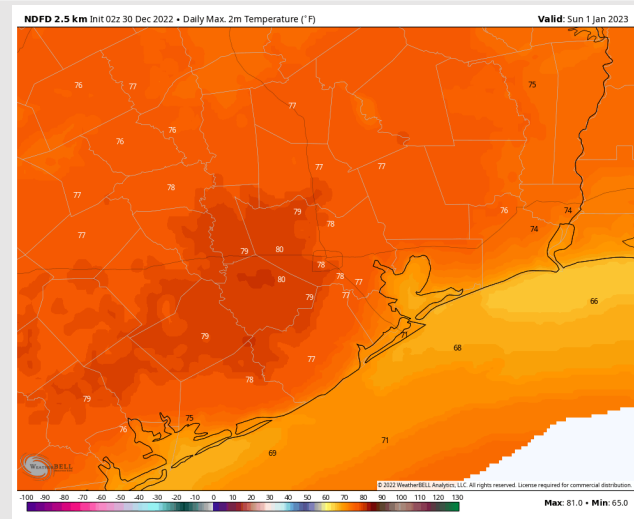
Precip Forecast: 8 PM CT



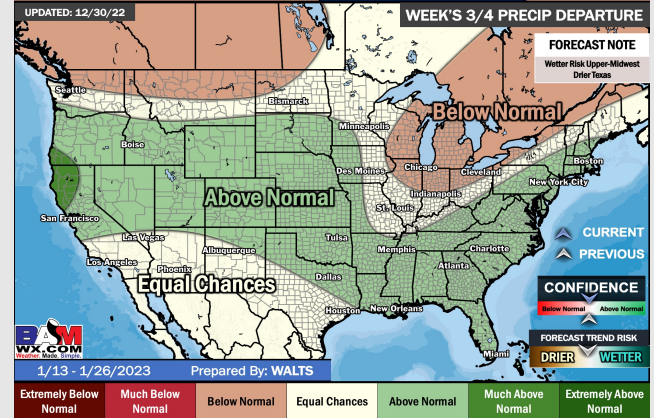
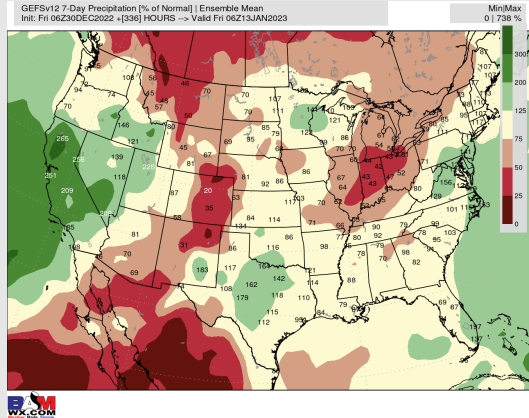
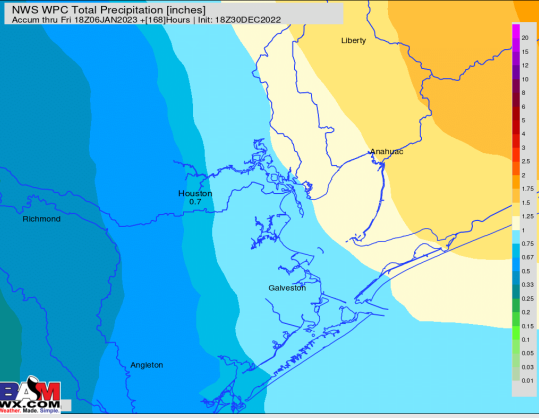
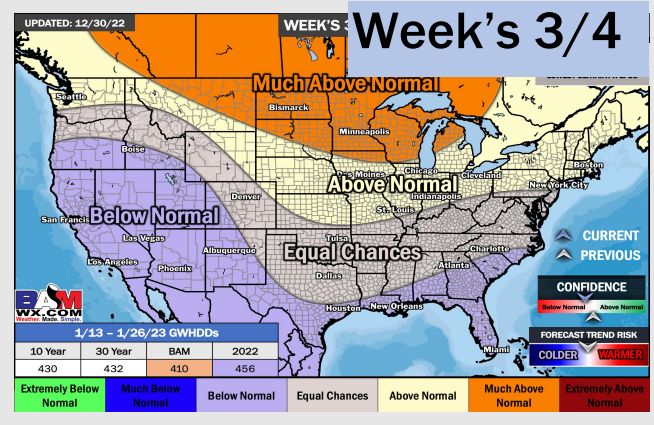
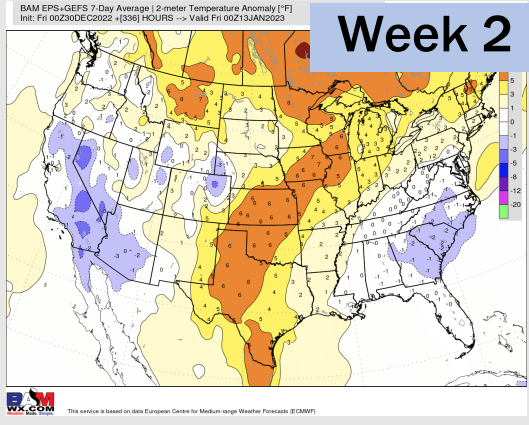
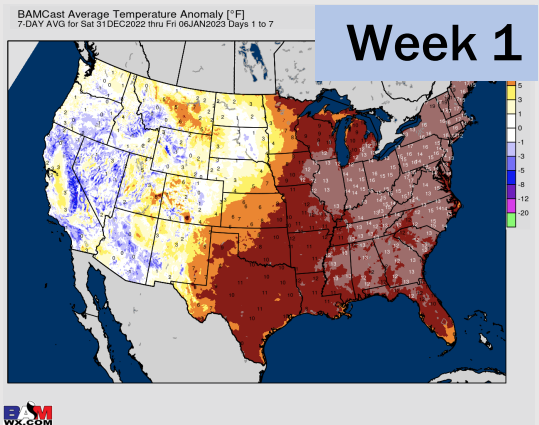
Wind Speed
1 PM CT



High Temps
Sunday



Houston Pilots: 12/30/22



- Rain chances are limited this weekend with Monday and Tuesday looking like rather high chances for precip. Mid to late next week will be on the drier side. Temperatures expected to be much above average.
- Week 2 precipitation is expected to be near normal for the week 2 timeframe. Temperatures are to be above normal.
- Near normal precip chances and cooler weather is expected in the weeks 3/4 timeframe.