

Houston Pilots Forecast Package



Updated: 1:00 PM CT

Thursday, December 29, 2022

Forecaster: Vince Bryan

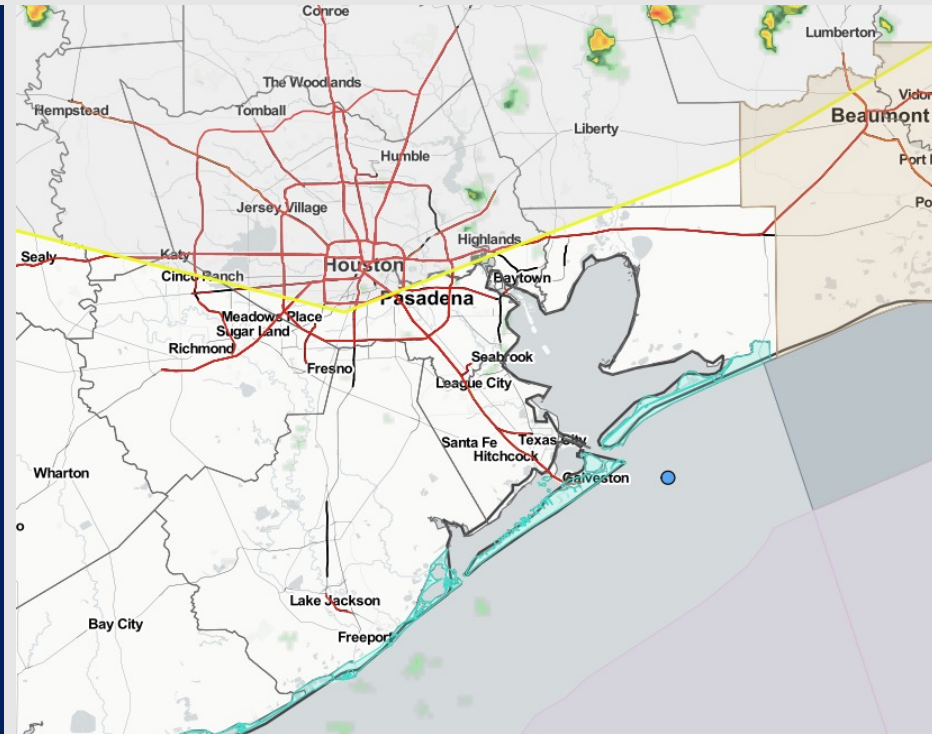
Weather Headlines

FOG VIDEO: [CLICK HERE](#)

➤ **Reduced visibility will continue to be a concern over the course of the next several days. Details of each day will be laid out in the visibility slides below, but chances will stick around out through Sunday.**

➤ **We do not believe the forecast on the 36 hour visibility chart is 100% accurate, please reference our visibility slides below for official BAM thoughts.**

➤ **Wave heights at the boarding station could approach 4-6 feet between sundown tonight (Thursday) to mid-AM Friday.**



Radar/NWS Alerts: 1:00 PM CT



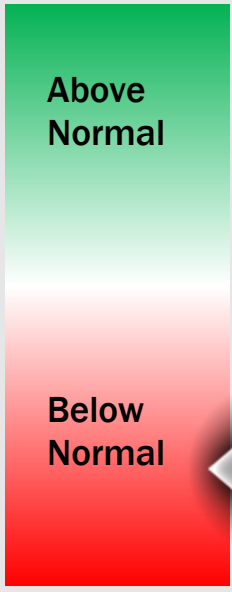
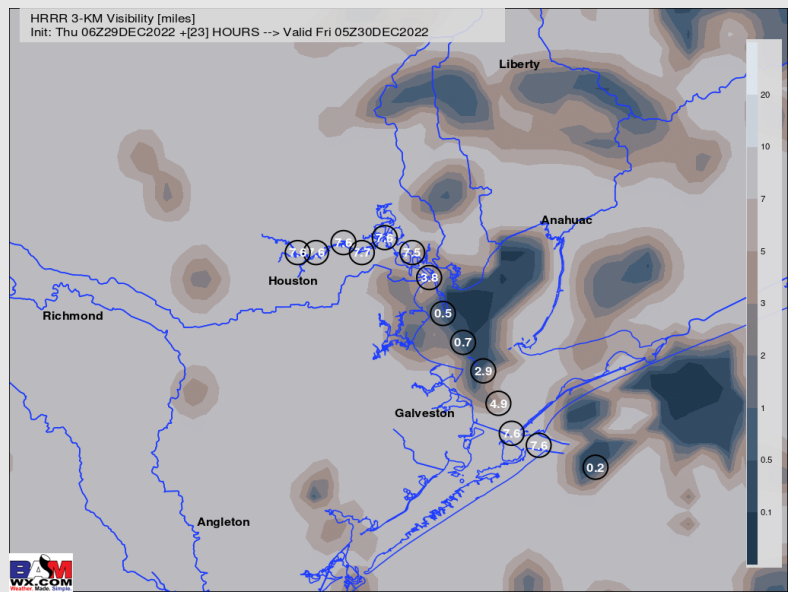
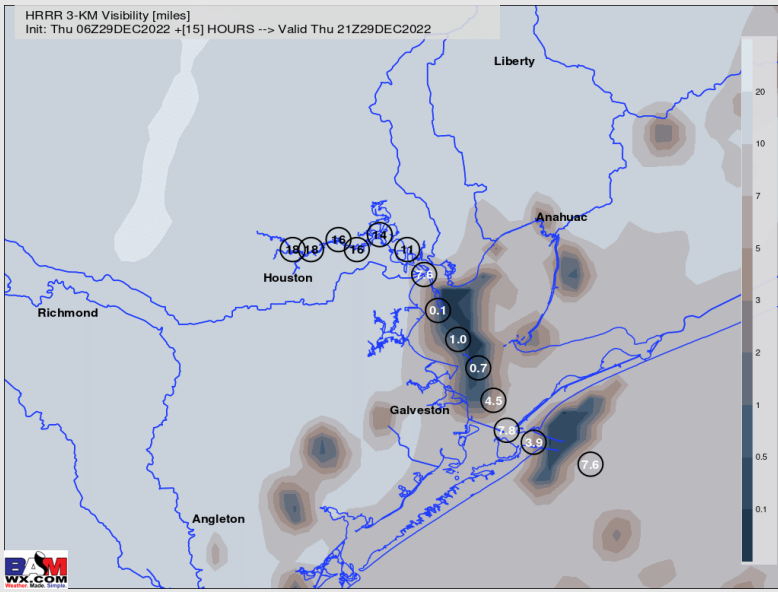
As always, please do not hesitate to reach out to us with any forecast questions via the chat option on the Weather Porthole or our on-call number, **(317)-560-8122** press 1 for forecast questions.

Houston Pilots Visibility Report



6 PM CT THU VISIBILITY 1 AM CT FRI VISIBILITY

Confidence



TIME	THREAT
5 PM THU – 8 AM FRI	MEDIUM

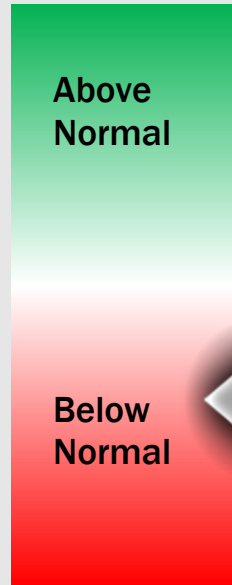
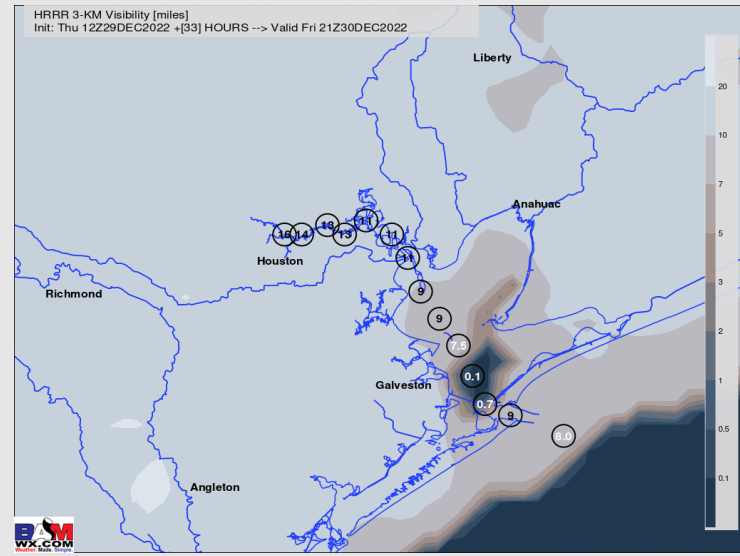
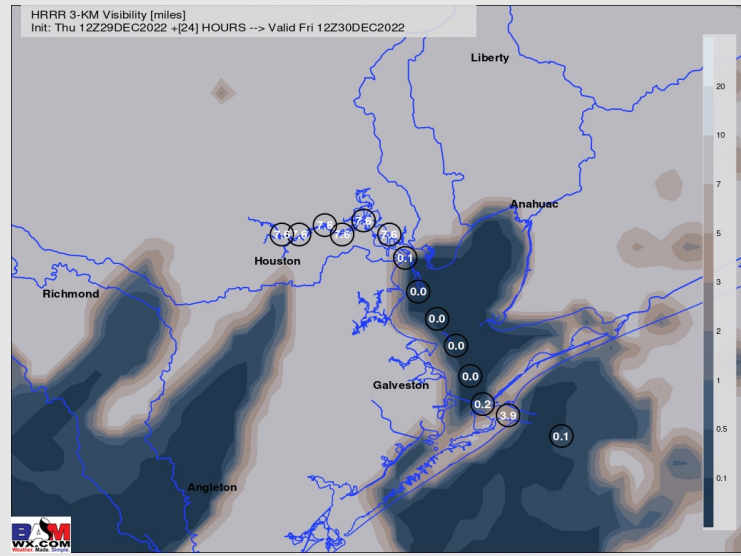
- **Very low confidence on specifics from this evening into Friday morning.**
- **The battle of dense fog development will be between warm air riding over cooler waters and winds coming from the SE most times, but on the other hand winds can vary at times in direction, wind speeds will not be consistent, and showers/thunderstorms can be in the area.**
- **Regardless of fog or not, this time period is likely time period is likely one where visibility reduction to 2-4 miles via low clouds/precip/mist is definitely possible.**
- **The best risk for any fog that does develop sits Morgan’s Point to 11/12. Boarding Station still has a fog risk, but is lower than area just mentioned as there’s a better threat for locally heavier precip and for winds to be a bit more elevated.**

Houston Pilots Visibility Report



6 AM CT FRI VISIBILITY 4 PM CT FRI VISIBILITY

Confidence



TIME	THREAT
8 AM FRI- 8 PM FRI	MEDIUM

- Fog is likely around the stations Friday morning after the main pocket of precipitation works out of the area.
- Fog can likely continue into the mid-day hours of Friday (approx. 12 PM) however low confidence on this. Winds are out of the N, but they may be light enough not to matter and to keep fog around.
- Into the early – mid PM hours of Friday is when the best opportunities present themselves for a break in the action and for improvement of visibilities.
- It is likely that by Friday evening, fog is able to re-develop and continue into Saturday morning.

Houston Pilots Extended Range Visibility Report



Sunday 1/1/23

Fog risk will be possible into Sunday, as winds will be from the S in a favorable 10 – 15-kt range.



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

Stronger winds through the evening hours on Monday and winds shifting out of the N by early AM hours on Tuesday will reduce fog chances.



Chance for Reduced Visibility

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

Houston Pilots Visibility Report



Time	Thu 10am	Thu 11am	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	
610 Bridge	6	9	10	10	10	10	10	7	7	6	6	5	5	5	5	4	3	2	1	0.84	0.48	0.37	0.24	2	4	6	8	10	10	10	10	10	10	10	10	10	8
Kinder 1	6	9	10	10	10	10	10	7	7	6	6	5	5	5	5	4	3	3	2	1	1	2	2	3	5	7	8	10	10	10	10	10	10	10	10	10	8
Greens Bayou	6	9	10	10	10	10	10	7	7	6	6	5	5	5	5	4	4	4	3	3	3	4	4	5	6	7	8	10	10	10	10	10	10	10	10	10	8
Shell Crude	6	9	10	10	10	10	10	7	7	6	6	5	5	5	4	4	4	4	3	3	3	6	6	6	6	8	8	10	10	10	10	10	10	10	10	10	8
Lynchburg Ferries	6	9	10	10	10	10	10	7	7	6	6	5	5	5	4	4	4	4	3	3	3	6	6	6	6	8	8	10	10	10	10	10	10	10	10	10	8
Exxon 3	6	9	10	10	10	10	10	7	7	6	5	5	5	5	4	4	4	4	3	3	3	6	6	6	6	8	8	10	10	10	10	10	10	10	10	10	7
Morgans Point	6	9	10	10	10	10	10	7	7	6	4	5	5	5	4	4	4	4	4	4	4	6	6	6	6	8	8	10	10	10	10	10	10	10	10	10	7
75/76	6	9	10	10	10	10	10	7	7	6	3	5	5	5	4	4	4	4	4	4	4	6	6	6	6	8	8	8	10	10	10	10	10	10	10	10	7
63/64	6	9	10	10	10	10	9	6	6	6	4	5	5	5	4	4	4	4	4	4	4	6	6	6	6	8	8	8	10	10	10	10	10	10	10	10	7
51/52	6	8	10	10	10	10	6	5	6	4	4	5	5	4	5	4	4	4	4	4	4	4	4	4	6	8	8	8	9	10	10	10	10	10	10	9	6
37/38	6	7	9	9	9	9	5	5	6	4	4	5	5	4	5	5	4	4	4	4	4	2	1	2	5	6	7	7	8	10	10	10	10	10	10	7	6
25/26	6	7	9	9	7	7	6	5	5	2	4	4	6	5	5	5	5	5	5	5	5	3	0.35	2	5	6	6	7	7	8	8	10	10	8	6	5	
11/12	7	9	9	7	7	7	6	3	1	3	4	4	6	5	6	5	5	4	4	4	3	2	0.37	2	5	5	5	6	6	8	8	8	10	7	6	5	
1 & 2 Bravo	7	9	9	7	6	8	3	1	1	3	4	4	6	6	7	6	3	2	2	2	2	1	0.3	2	3	3	4	4	5	5	5	6	7	5	5	4	

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

Houston Pilots: Thur. 12/29/2022



Forecast Discussion

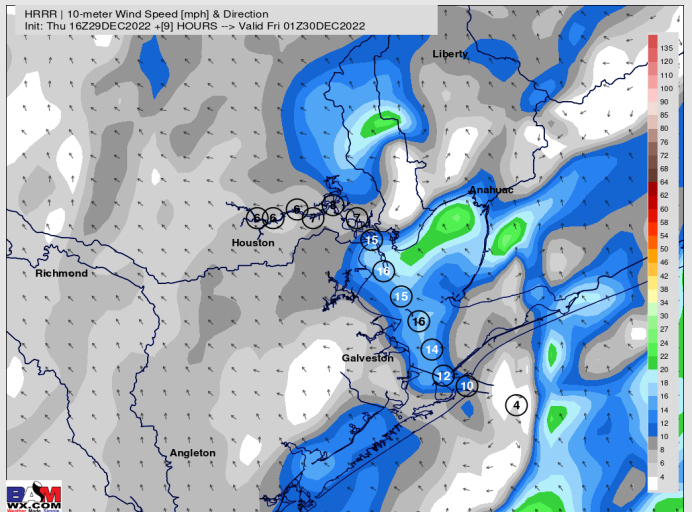
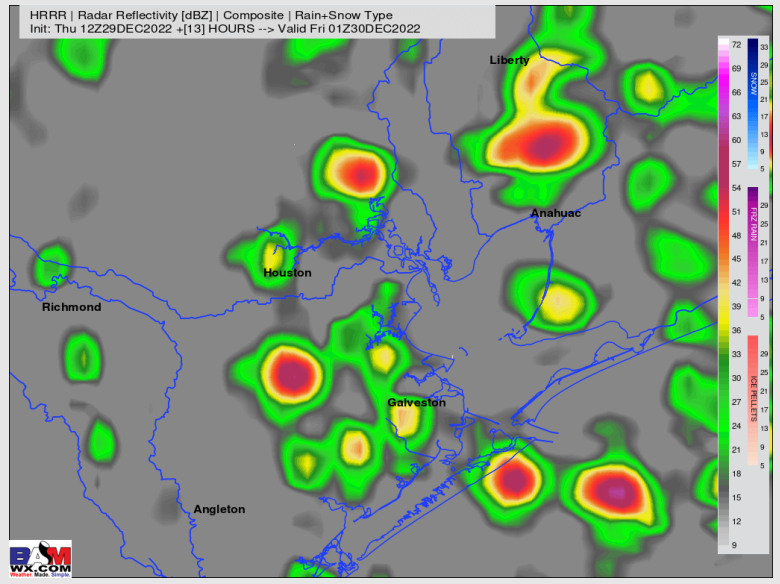
Precip: A bit of a break this afternoon regarding coverage before things start to pick up between 5 - 8 PM. Showers and a few thunderstorms will be possible in a hit and miss nature across the area. Some locally heavy downpours + elevated winds will be possible through the evening hours. The coverage of showers and thunderstorms will have an impact on fog potential.

Wind: Some lower confidence exists on winds heading into the evening hours. While winds will generally be out of the SE at 10-15 knots and gusts 15-20 knots possible at the boarding station, stronger pockets of precip could allow for wind directions to vary some + increase gusts to 20+ knots. This will have an impact on the fog threat later as well.

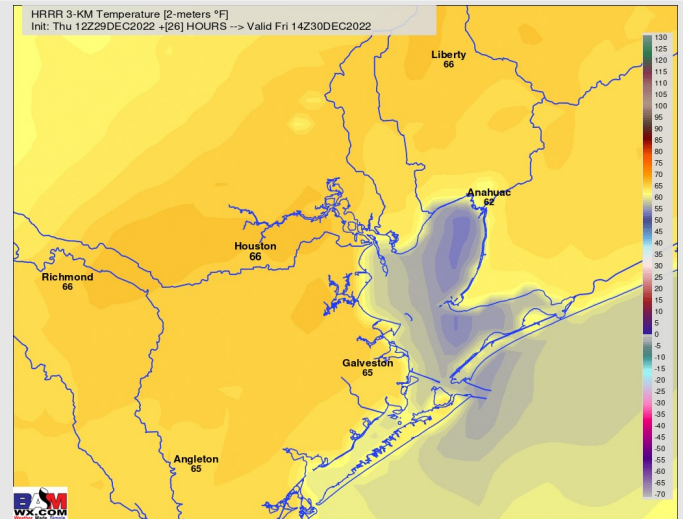
Temps: Lows for most stations sit in the mid to upper 50s. Low 60s favored further inland.

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

Precip Forecast: 8 PM CT



Wind Speed
7 PM CT



Lows This
Evening

Houston Pilots: Fri. 12/30/2022



Forecast Discussion

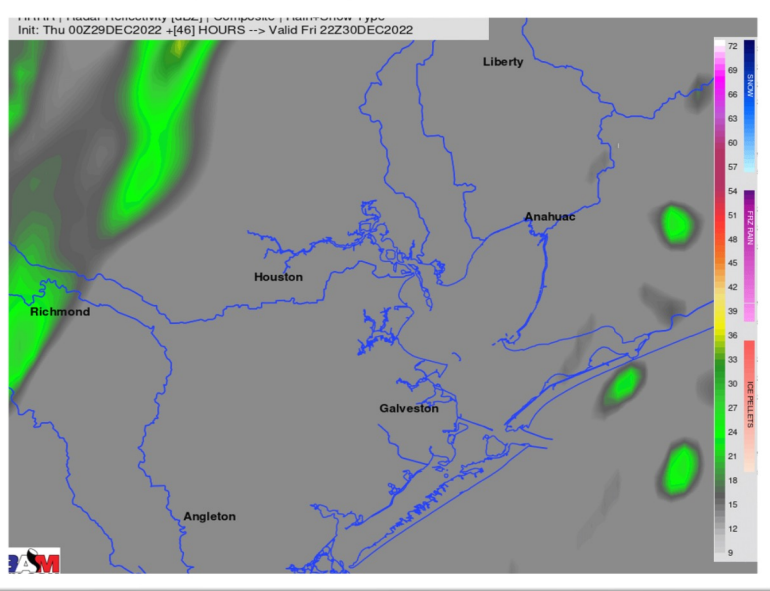
Precip: Exiting rain showers in the morning will look to clear out by 7 AM, but pockets of drizzle will be possible (10% chance) for the remainder of the day in an isolated fashion.

Wind: Southerly winds in the AM will shift variable by 9 AM and for the remainder of the day (low confidence on wind direction). Winds will generally be in the 4 – 9-kt range for the majority of the day, with pockets of elevated winds at 10 – 15 kts from 12 – 6 AM. Wind gusts can be up to 20 kts for the same timeframe at the boarding station.

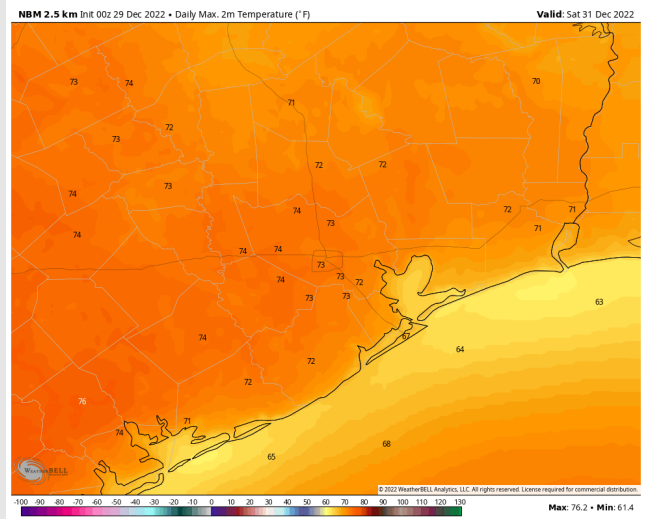
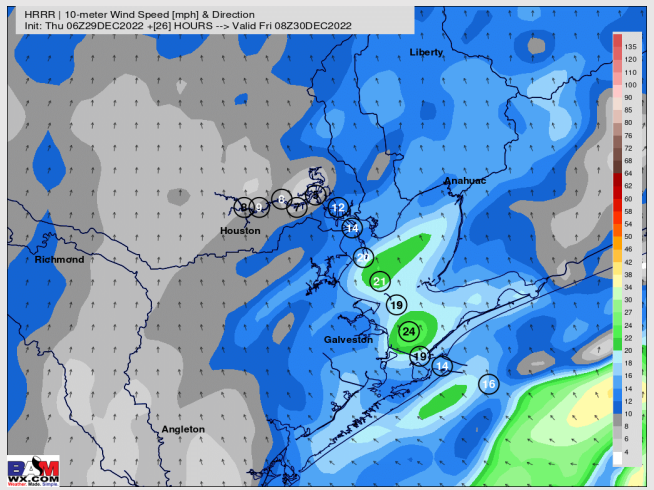
Temps: High temps Friday will be in the lower 70s F north of Morgan’s Point and in the mid to upper 60s F south of Morgan’s Point.

Visibility: Details on reduced visibility on the AM in slides above. By the afternoon, the winds shifting from the north **should** limit fog concerns.

Precip Forecast: 4 PM CT



Wind Speed
3 AM CT



High Temps
Friday

Houston Pilots: sat. 12/31/2022



Forecast Discussion

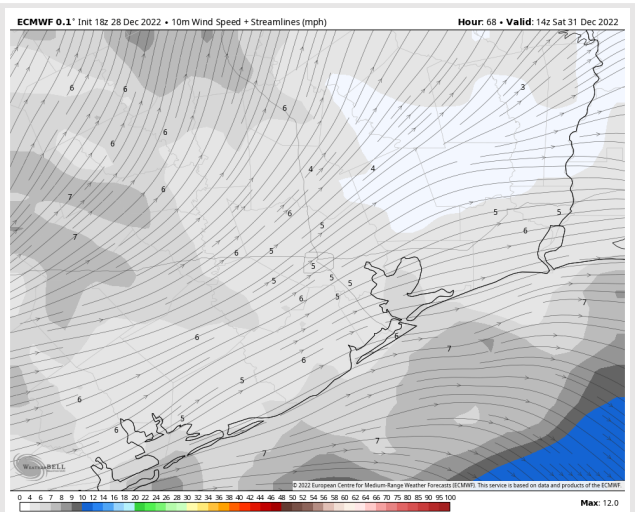
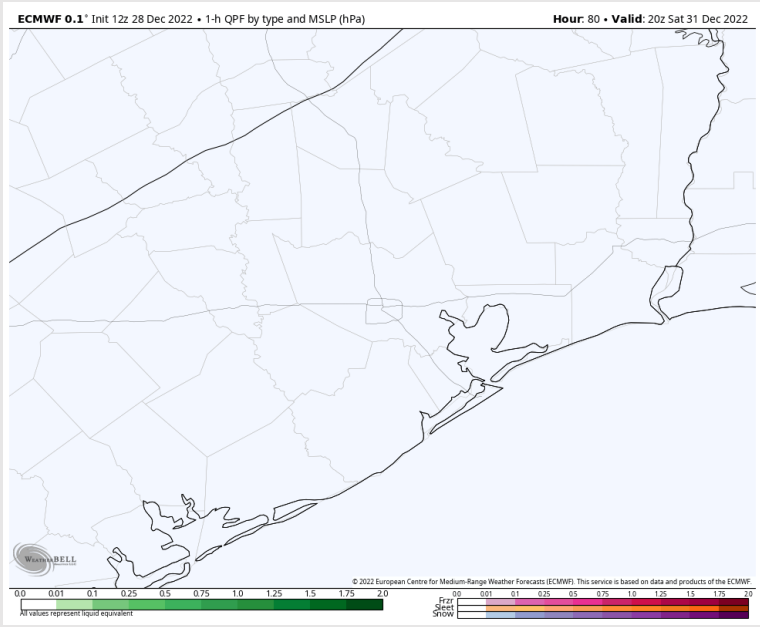
Precip: Anticipating dry conditions throughout the day on Saturday.

Wind: Winds will start out of the north and shift to coming from the west by 4 AM. Winds will then shift to from the SW by 11 AM and stay there the rest of the day. Winds in the m 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.

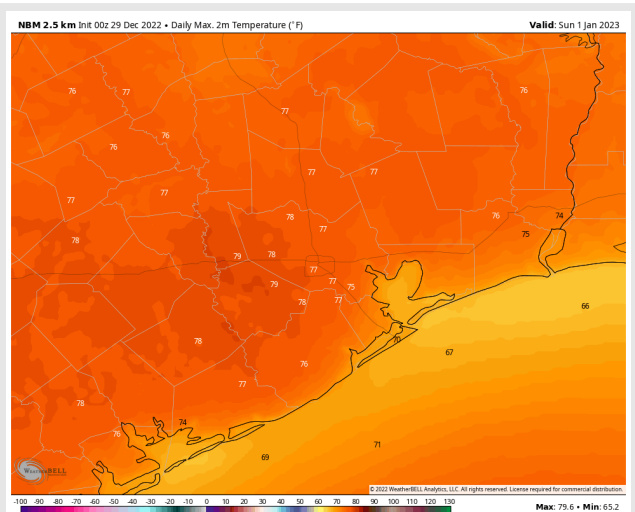
Temps: High temperatures on Saturday will be in the mid to upper 70s F north of Morgan's Point and near 70 F to upper 60s F south of Morgan's Point.

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

Precip Forecast: 2 PM CT

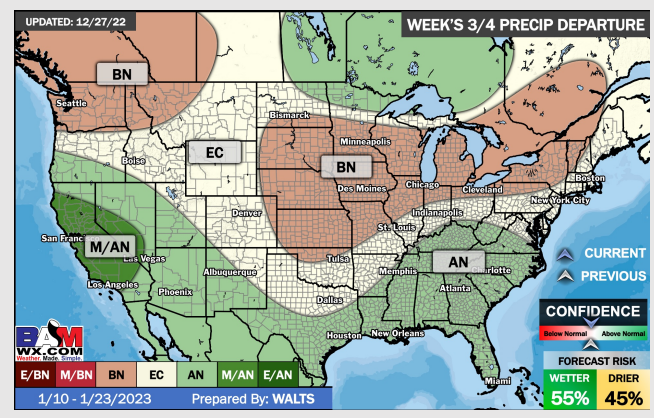
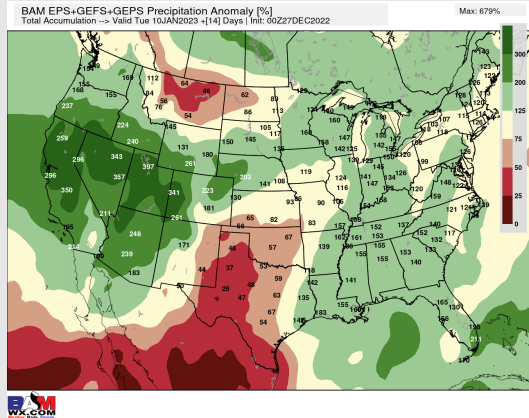
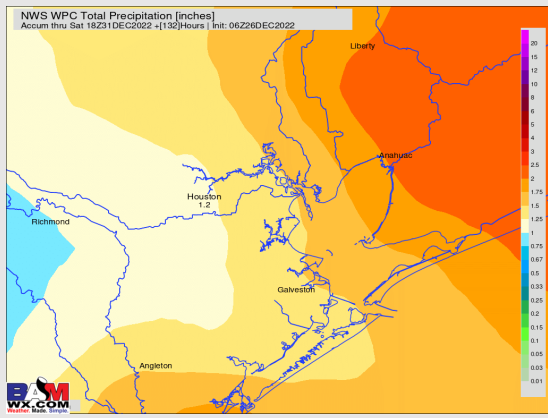
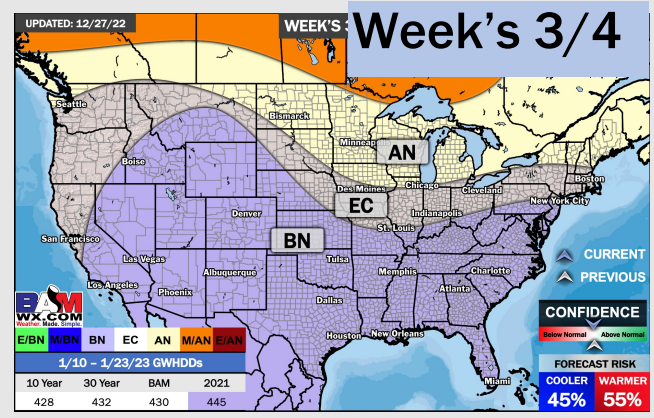
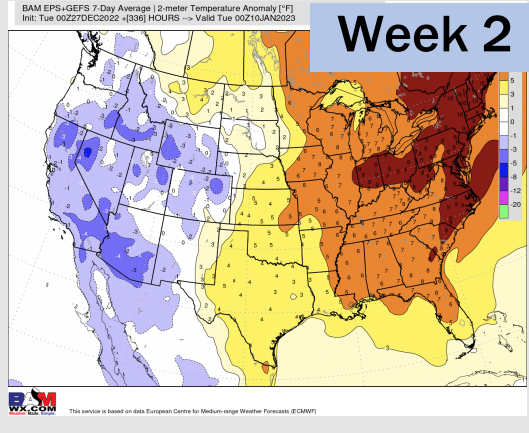
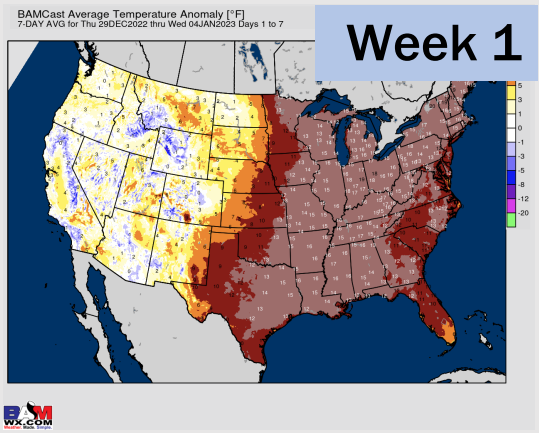


Wind Speed
8 AM CT



High Temps
Saturday

Houston Pilots: 12/29/22



- Rain chances are in the forecast Thursday/ Friday, an overall quieter weekend is expected before rainfall picks back up early next week. Above average temps are favored moving forward.
- Week 2 precipitation is expected to be above normal for the week 2 timeframe. Temperatures are to be much above normal.
- Above normal moisture and cooler weather is expected in the weeks 3/4 timeframe.