

Houston Pilots Forecast Package



Updated: 1:00 PM CT

Friday, March 31, 2023

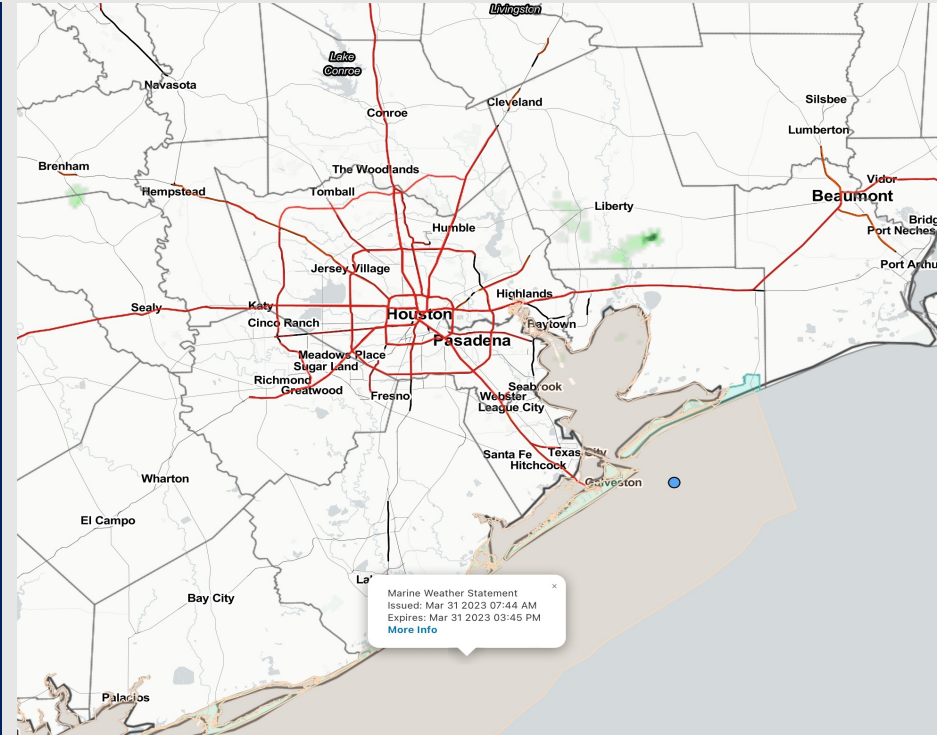
Forecaster: Alyssa McClung

Weather Headlines

➤ Please see slide below for reduced visibility risks tomorrow AM. Low end risks for reduced visibility down to a few miles will be possible the next few mornings. Warming waters & air temps very close to those water temps make for a tricky forecast if fog can actually develop.

➤ Some elevated winds will be possible over the next couple days with wind gusts *generally* in the 20-25 kt range (more info in following slides). Anticipating winds to calm down after tonight.

➤ Overall, several minor chances for precipitation over the next few days with rainfall amounts generally light. Favoring periods of dryness to outweigh periods of sprinkles/showers



Radar/NWS Alerts: 1:00 PM CT

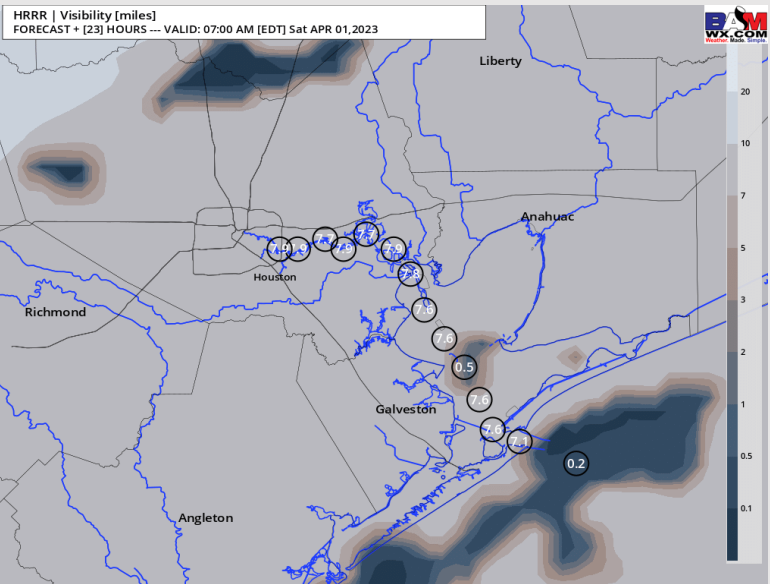


As always, please do not hesitate to reach out to us with any forecast questions via the chat option on the Weather Porthole or our on-call number, **(317)-560-8122** press 1 for forecast questions.

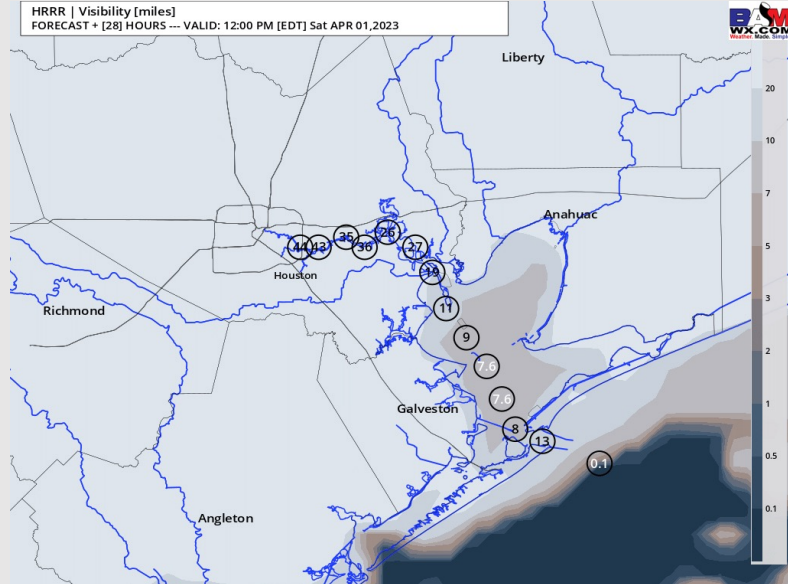
Houston Pilots Visibility Report



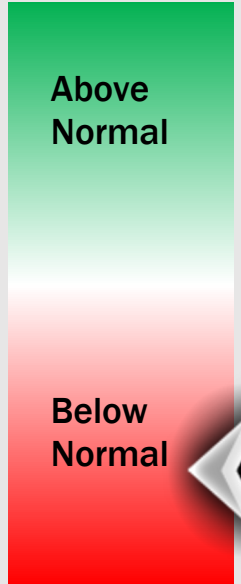
6 AM CT SAT VISIBILITY



11 AM CT SAT VISIBILITY



Confidence



TIMEFRAME DISCUSSED	THREAT
CURRENT - 12 PM SAT	Low - Med

- Risk for a low cloud deck reducing visibility to 2 - 4 miles will continue through the afternoon and evening today. Warmer water temperatures next to warmer air temps will make it difficult for dense fog to form.
- Confidence is low, but latest model guidance suggesting a low end risk for patchy fog / a low cloud deck tomorrow morning that will sit within the Gulf, posing a risk for slightly reduced visibility down to 3 miles or less at the Boarding Station.
- A weak boundary is expected to work through just before midnight Saturday, causing the front to stall out in the Gulf, keeping this 3 mile or less fog risk at the Boarding Station present into the afternoon Saturday. Greatest risk will be from 6 AM - 12 PM.

Houston Pilots Extended Range Visibility Report



Monday 4/3/23

A low end risk for patchy fog Monday AM. This is not fully favored at the moment, but something to watch trends moving forward.



Wednesday 4/5/23

Winds out of the SW Wednesday morning, could lead to low end patchy fog risk. A passing front Wednesday evening will make fog diminish fog concerns Wednesday night.



Tuesday 4/4/23

Similar to Monday, a pretty low end threat of patchy fog is possible Tuesday AM. Data has been trending weaker with this signal.



Chance for Reduced Visibility

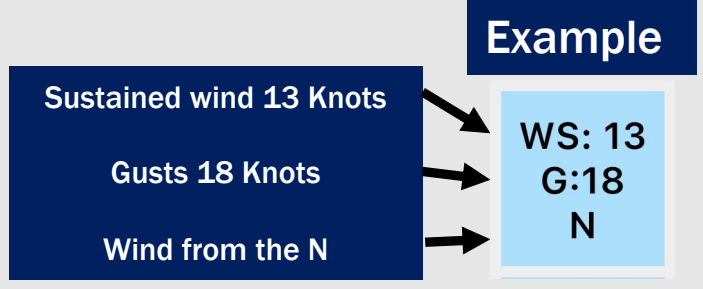
Monday AM	Low End Risk
Monday PM	Unlikely
Tuesday AM	Low End Risk
Tuesday PM	Unlikely
Wednesday AM	Low End Risk
Wednesday PM	Unlikely

Houston Pilots Visibility Report



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				
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Greens Bayou	10	10	10	10	10	10	10	9	9	9	8	7	7	6	5	4	3	3	3	3	2	4	9	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	9	9	8	7	6	5	4	4	3	3	3	2	4	9	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	9	8	7	6	5	4	4	3	3	3	2	4	9	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	9	8	7	6	5	4	4	3	3	3	3	5	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	9	9	8	7	7	6	5	4	4	4	4	4	4	6	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
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Houston Pilots Wind Report



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	13	13	15	15	14	12	11	10	8	7	7	8	6	6	3	5	4	3	3	3	3	3	3	4	5	6	6	6	6	6	6	7	6	6	5	4	3	3
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Kinder 1	13	13	15	15	14	13	11	10	8	7	7	8	6	6	3	5	4	3	3	3	3	3	3	4	5	6	6	6	6	6	6	7	6	5	4	3	3	
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Greens Bayou	12	12	14	14	14	13	11	10	8	6	7	8	5	6	3	5	4	3	3	3	3	3	3	4	5	6	6	6	6	6	6	7	6	5	4	3	3	
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Shell Crude	13	12	15	14	14	13	11	10	8	6	6	7	6	6	3	5	4	3	3	3	3	3	4	5	6	6	6	6	7	6	7	6	5	4	3	3		
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Morgans Point	11	13	15	14	13	12	12	11	9	8	7	8	5	2	5	5	4	4	4	4	4	4	5	5	5	6	6	6	7	7	7	6	6	4	5			
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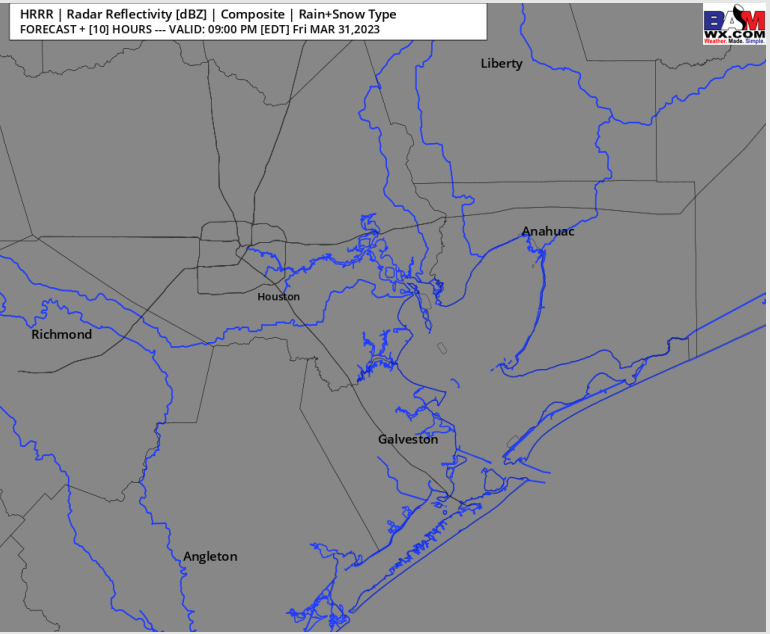
Houston Pilots: Fri. 3/31/2023



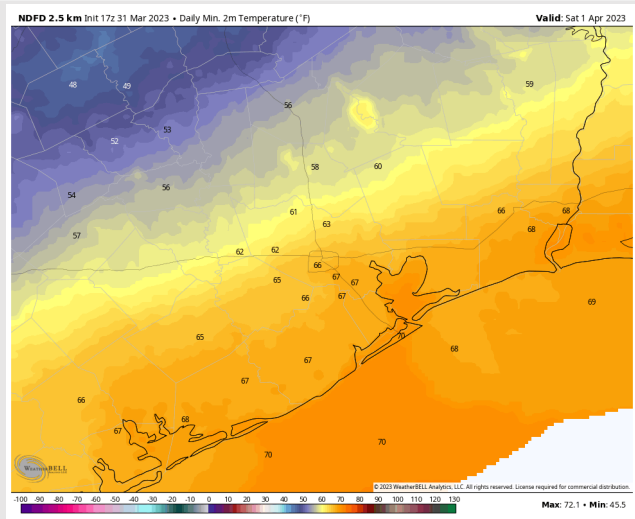
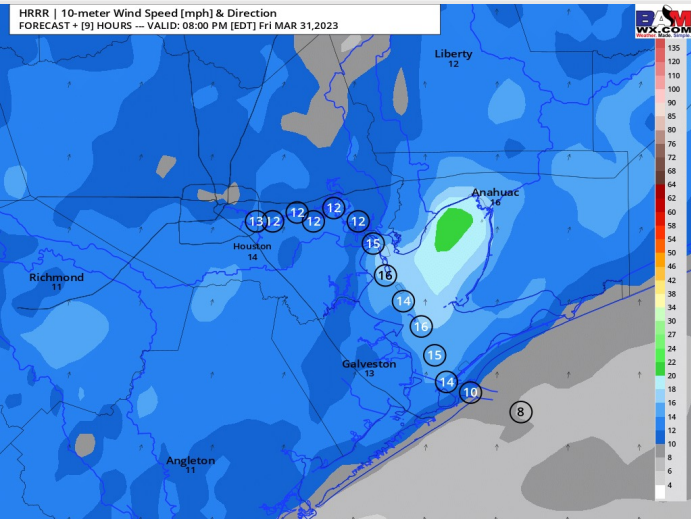
Forecast Discussion

- Precip:** A 10% chance for a light drizzle will be possible out through 2 PM. Then favoring dry conditions through the rest of the evening.
- Wind:** Sustained winds out of the south this afternoon. Wind speeds are 13-18 kts for most locations (with gusts 23-28 kts possible at the boarding station). After 5 PM, wind speeds slowly calm to 10-15 kts at the boarding station. Gusts of 30-40 kts will be possible up until sunrise.
- Temps:** High temperatures today will be in the mid/upper 70s F south of Morgan's Point and low/mid 80s F north of Morgan's Point.
- Visibility:** While dense fog is not anticipated, a few pockets near the boarding station of mist/drizzle/low clouds may keep visibilities of 2-4 miles around through the evening. This threat will be closely monitored.

Precip Forecast: 8 PM CT



Wind Speed
7 PM CT



Low Temps
Saturday AM

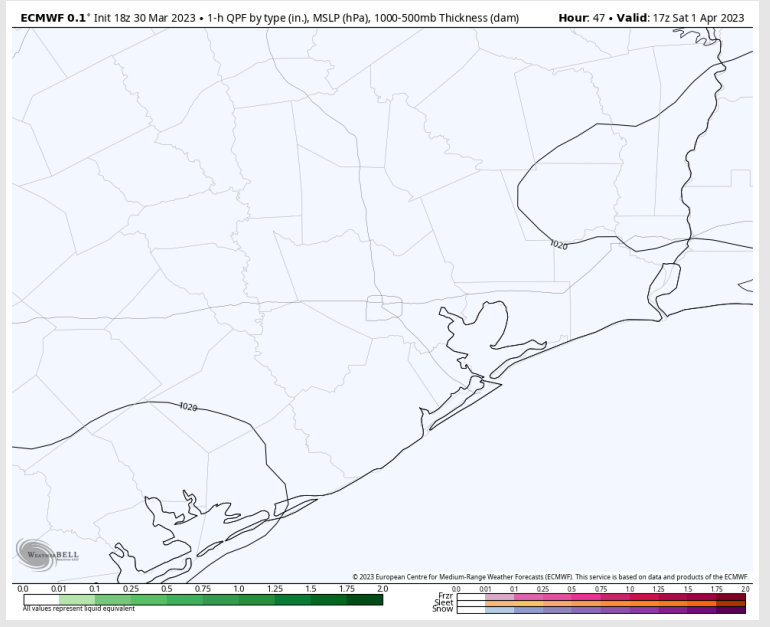
Houston Pilots: sat. 4/1/2023



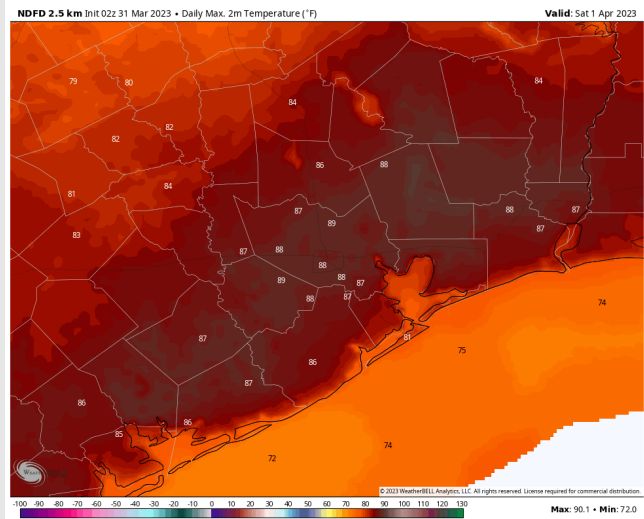
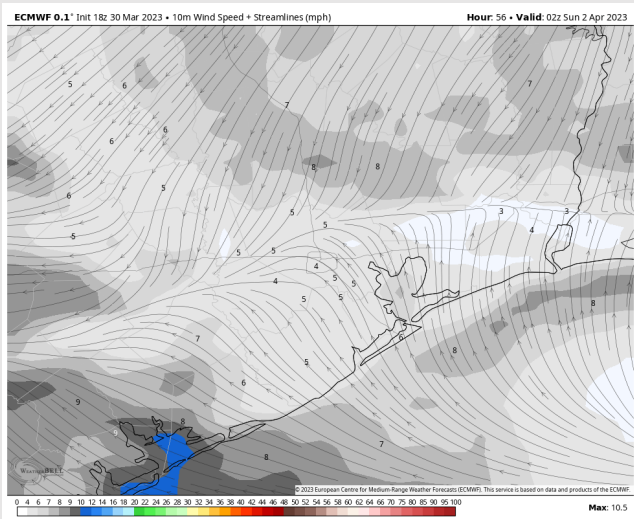
Forecast Discussion

- Precip:** Anticipating dry conditions on Saturday.
- Wind:** Winds will start out of the NNW at 3-8 kts through 2 PM. Winds will then shift out of the SE for the rest of the day on Saturday, but still stay at 3-8 kts.
- Temps:** High temperatures on Saturday will be in the mid 70's F near the boarding station and low/mid 80s F at all other stations.
- Visibility:** There is a low end risk for patchy fog development just before the midnight hours Sat AM near the boarding station, lasting through the mid AM hours Sat. Rather low confidence on this risk, but this would be a window to keep eyes on for reduced visibility potential.

Precip Forecast: 12 PM CT



Wind Speed
9 PM CT



High Temps
Saturday

Houston Pilots: Sun. 4/2/2023



Forecast Discussion

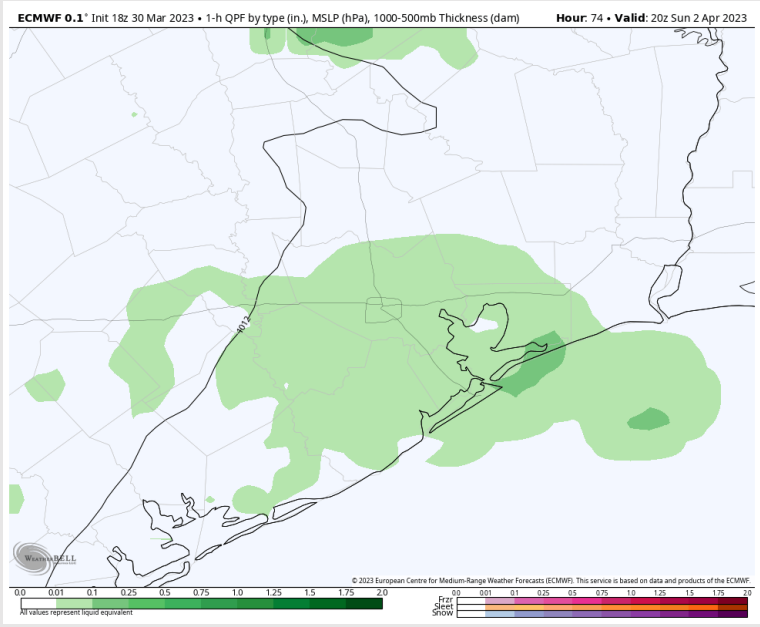
Precip: Favoring dry conditions early Sunday morning until around 5 AM. After 5 AM, favoring a 10-20% chance for showers until around 10 AM. After 10 AM, favoring dry conditions until around 11 AM. After 11 AM chances for showers and thunderstorms will increase to 60-70% until 7 PM. After 7 PM, favoring dry conditions for the rest of the day.

Wind: Favoring winds to start out of the E during the early AM hours and gradually shift to out of the by lunchtime Sunday. During the early morning hours, sustained winds will be at 2-4 kts across all stations before picking up to 7-13 kts across all stations by lunchtime and will remain that way for the rest of the day.

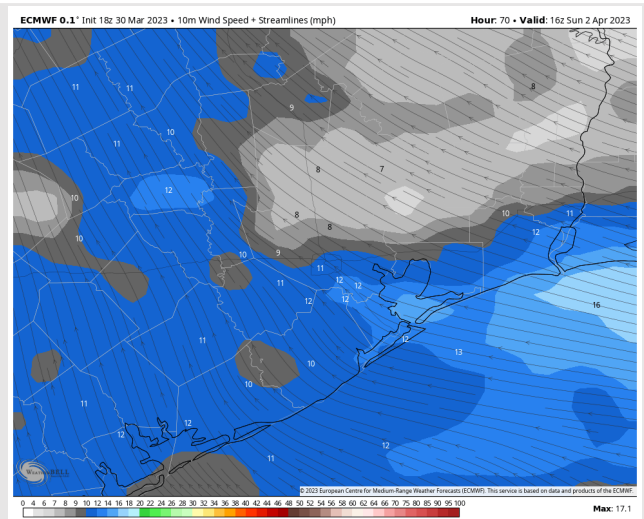
Temps: High temperatures Sunday will be in the mid-upper 70s F for stations S of Morgan's Point and in the low-mid 80s F for stations N of Morgan's Point.

Visibility: While fog risks are not anticipated at this moment, there will once again be a low end risk for fog in the AM hours.

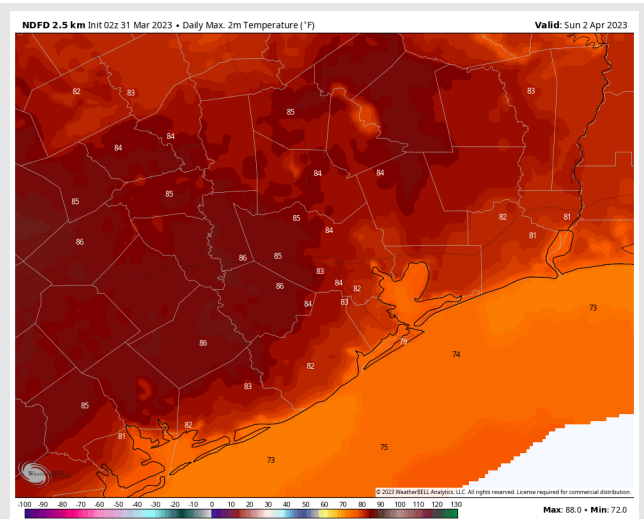
Precip Forecast: 3 PM CT



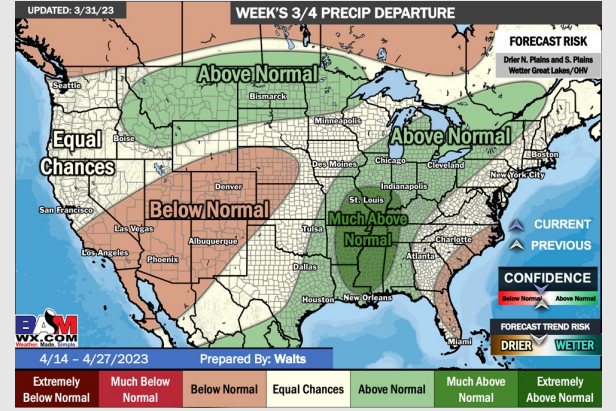
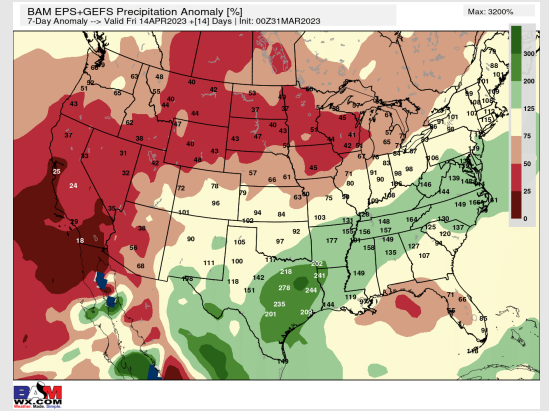
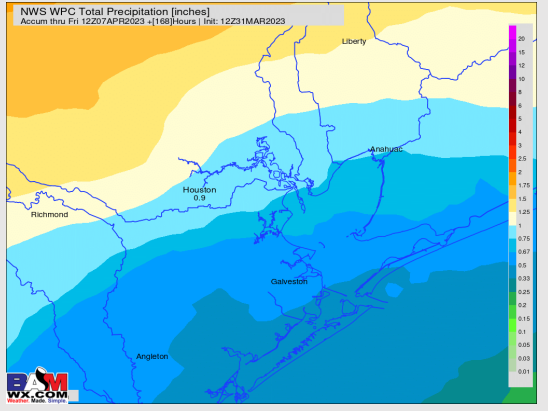
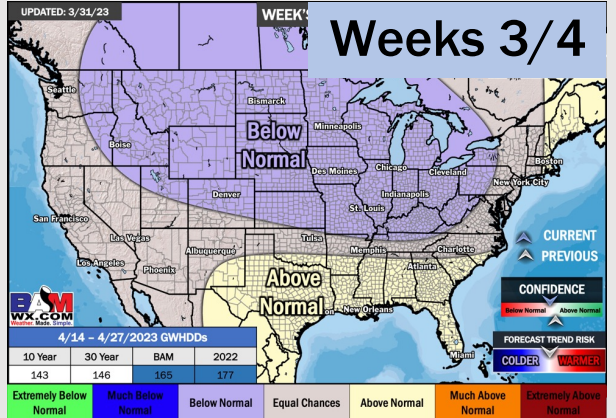
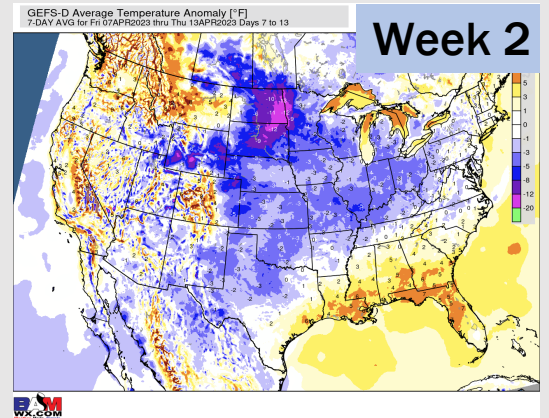
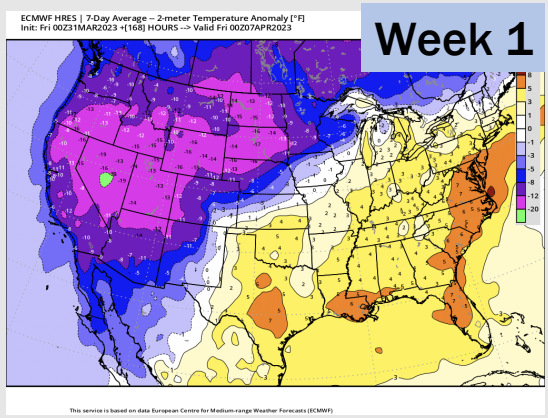
Wind Speed
11 AM CT



High Temps
Sunday



Houston Pilots: 3/31/23



- Expecting the second half of the week into the weekend to be more active in terms of precip. Temperatures are expected to be above normal over the next seven days.
- Expecting above normal precipitation chances and above normal temperatures extending into the week 2 timeframe.
- Anticipating above normal temperatures and above normal chances for precipitation favored in the week 3/4 timeframe.