

Houston Pilots Forecast Package



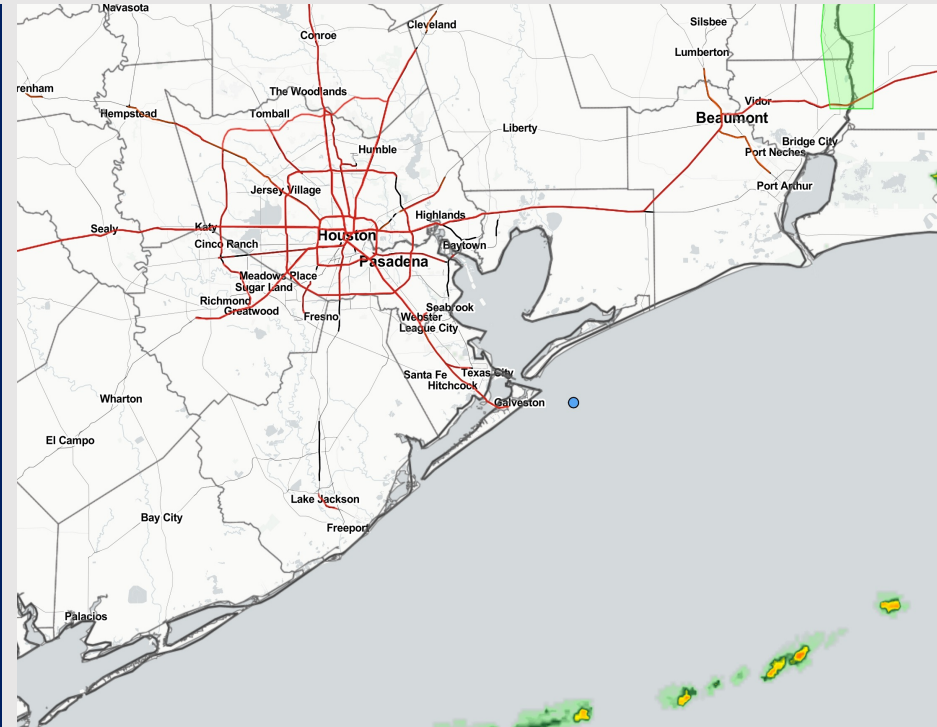
Updated: 2:30 PM CT

Friday, March 10, 2023

Forecaster: Alyssa McClung

Weather Headlines

- Low end spotty showers will be possible through the evening.
- **Reduced visibilities continue to be reported at this morning for stations S of Morgan's Point. Boarding Station at risk for lingering fog into the afternoon. View visibility report for more details.**
- Winds will stay rather light over the day with ranges staying within 5 – 15 kts, with increased winds starting Saturday.



Radar/NWS Alerts: 2:30 AM CT

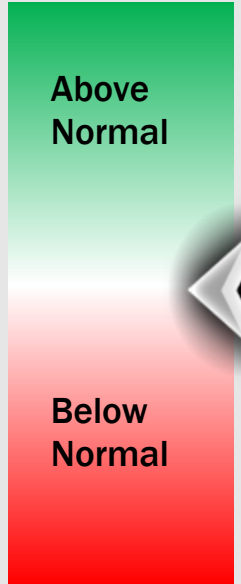
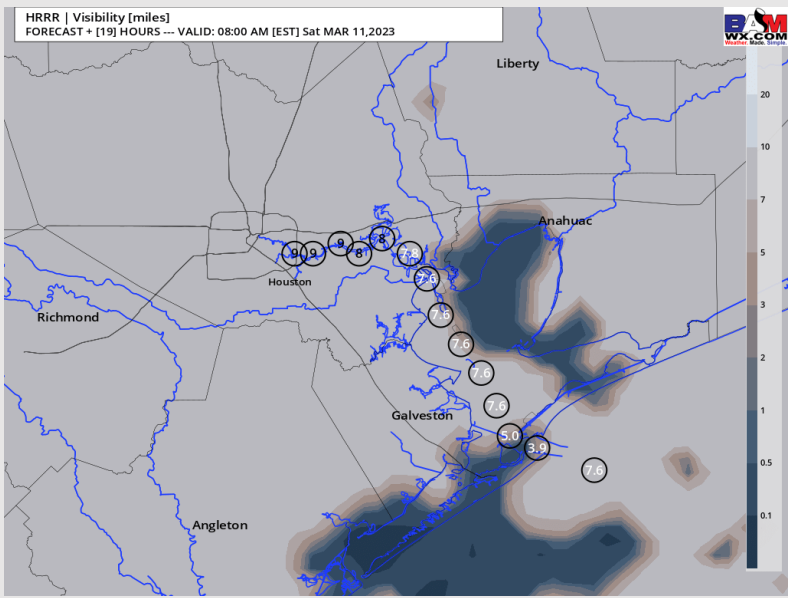
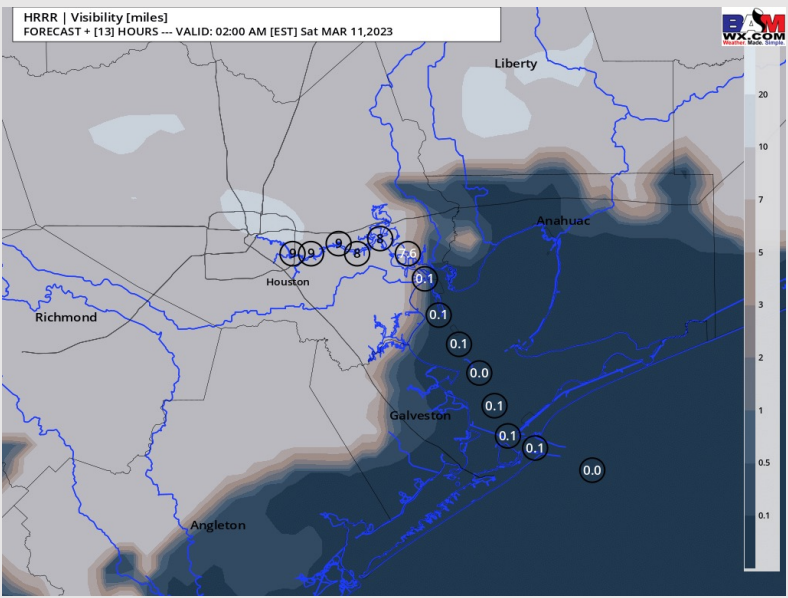


As always, please do not hesitate to reach out to us with any forecast questions via the chat option on the Weather Porthole or our on-call number, **(317)-560-8122** press 1 for forecast questions.

Houston Pilots Visibility Report



1 AM CT SAT VISIBILITY 7 AM CT SAT VISIBILITY Confidence



TIMEFRAME DISCUSSED	THREAT
7 PM FRI – 10 AM SAT	MEDIUM

- Anticipating low level moistures to allow for a low cloud deck / hazy conditions beginning around 7 PM tonight which would reduce visibilities down to 2 – 4 miles. At this same time, the Boarding Station will be at risk for visibility dropping to less than 2 miles as patchy dense fog lingers within the Gulf.
- Patchy dense fog is favored to gradually drift N into the Bay throughout the late evening/after 7PM. **Between the 1 AM – 6 AM timeframe Saturday, fog will likely be the most widespread and dense impacting all stations** (stations N. of Morgan’s Point seeing 3 mile or less visibility at times and stations S. of Morgan’s Point seeing 1 mile or less visibility at times)
- **Favoring fog to begin to break up and lift around 6 AM** with visibilities completely improving by 10 AM Saturday.

Houston Pilots Extended Range Visibility Report



Monday 3/13/23

Dry low levels make sea fog development unlikely.



Tuesday 3/14/23

Winds out of the north make sea fog unlikely in the AM, but winds shifting back to the SE make it possible in the PM hours.



Wednesday 3/15/23

Winds out of the SSE throughout the day Wednesday along with some moisture in the lower levels will allow for sea fog to be possible.



Chance for Reduced Visibility

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

Houston Pilots Wind Report



Example

Sustained wind 13 Knots
Gusts 18 Knots
Wind from the N

WS: 13
G:18
N

Time Knots	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	Sun 12am		
610 Bridge	8	5	5	4	4	4	2	4	4	3	2	3	2	3	4	4	4	5	6	6	6	9	10	11	12	13	14	14	14	14	15	14	14	15	17	17	18	18
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Kinder 1	8	5	4	4	4	3	2	4	4	2	2	3	2	3	4	4	4	5	6	6	9	10	11	12	13	14	14	14	14	15	14	14	15	17	17	18	18	
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Greens Bayou	8	5	4	4	4	4	5	3	3	2	3	2	2	4	4	4	5	5	7	9	10	11	12	13	14	14	15	15	15	14	14	14	17	17	17	18		
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Shell Crude	9	6	3	4	4	4	3	4	3	2	3	2	3	3	4	4	4	5	6	7	9	10	11	12	13	14	14	15	15	14	14	16	16	17	17			
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Lynchburg Ferries	9	6	3	4	5	4	4	4	3	2	3	4	3	3	4	4	5	5	6	7	9	10	11	12	13	14	14	15	15	15	14	14	16	16	16	17		
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Exxon 3	9	7	3	5	5	4	4	3	3	3	3	4	3	4	4	5	5	6	6	7	9	10	11	12	13	14	15	16	16	15	14	15	16	15	16	16		
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Morgans Point	8	7	3	4	5	5	5	3	3	4	4	3	4	5	5	6	6	7	8	10	10	11	13	14	15	16	17	17	17	16	15	15	16	16	16			
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Houston Pilots: Fri. 3/10/2023



Forecast Discussion

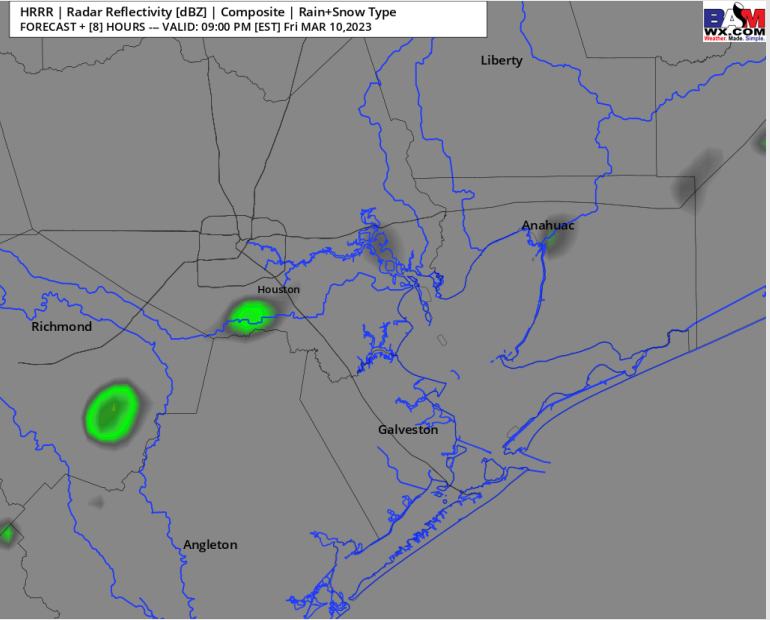
Precip: Anticipating a 10% chance for light shower throughout the evening with dry conditions favored after 10 PM.

Wind: Sustained winds gradually shifting back out of the NNW and are favored to remain that way through the rest of the evening, with speeds increasing to 5 - 12 kts across all stations. Gusts of 15 - 20 kts will be possible through the afternoon.

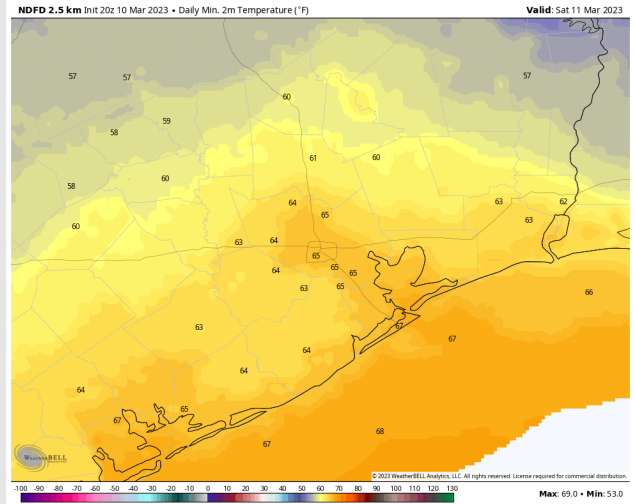
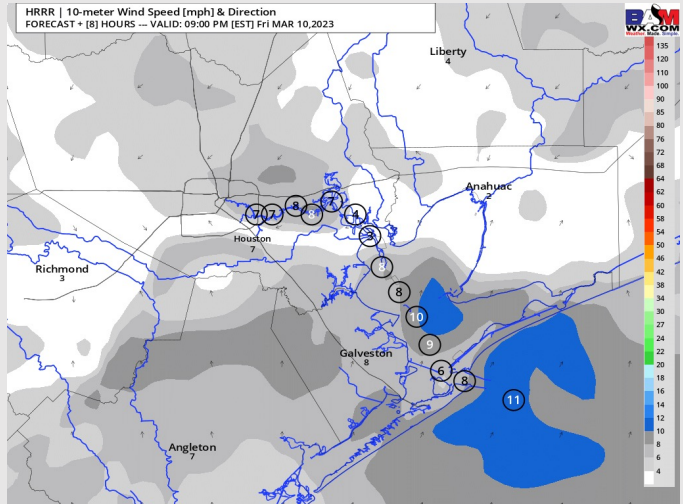
Temps: Low temperatures Saturday morning in the upper to mid 60s F for all stations.

Visibility: Sea fog threat expected to redevelop this evening and continue into tomorrow. View visibility report for more details.

Precip Forecast: 8 PM CT



Wind Speed
8 PM CT



Low Temps
Saturday AM

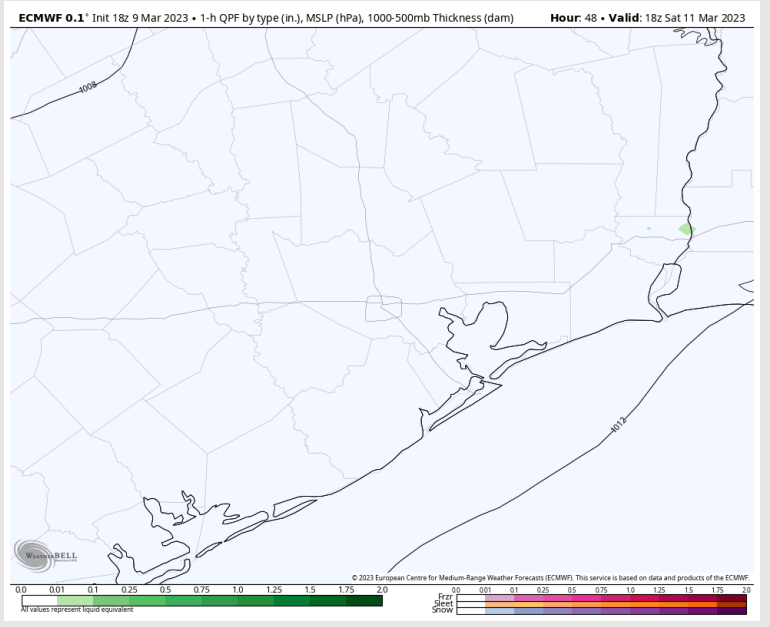
Houston Pilots: Sat. 3/11/2023



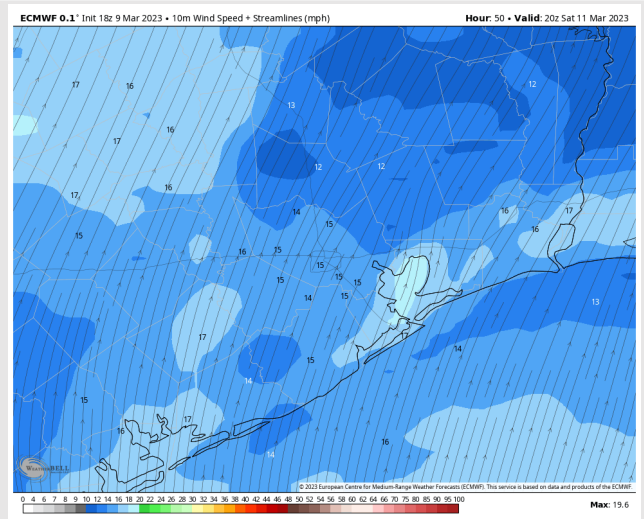
Forecast Discussion

- Precip:** Favoring dry conditions throughout the day on Saturday.
- Wind:** Winds out of the SSE at 5 – 11 kts will shift to coming from the SW by 9 AM Saturday and remain there the rest of the day. After 9 AM, winds will increase to 11-16 kts for the rest of the day. After 7 PM, winds near the boarding station will increase to 14 – 19 kts.
- Temps:** High temperatures on Saturday will be in the mid 80s north of Morgan’s Point and mid to low 70’s south of Morgan’s Point.
- Visibility:** Patchy fog is likely throughout the AM Saturday. View visibility report for more details.

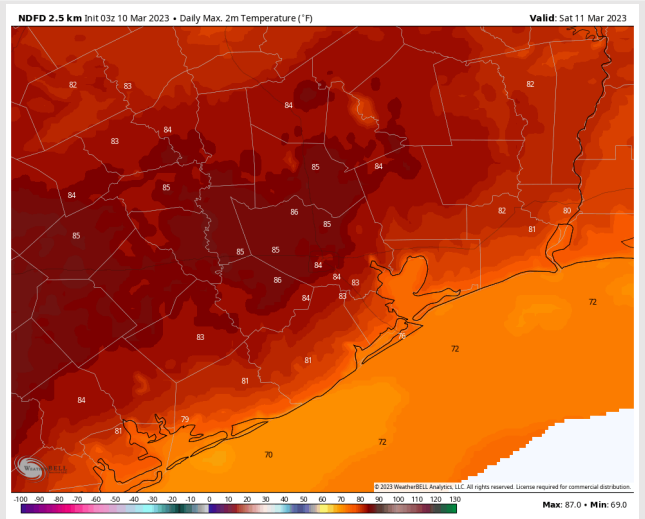
Precip Forecast: 12 PM CT



Wind Speed
2 PM CT



High Temps
Saturday



Houston Pilots: Sun. 3/12/2023



Forecast Discussion

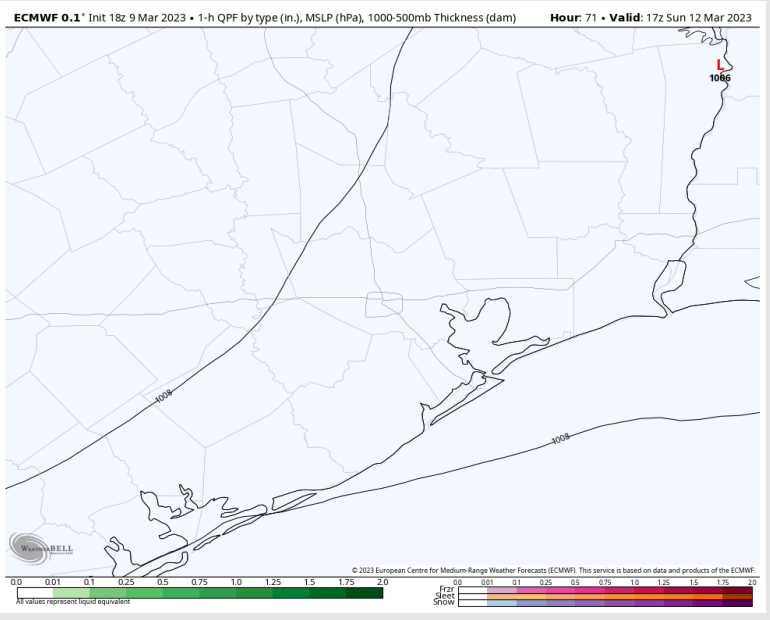
Precip: Anticipating dry conditions throughout the day Sunday.

Wind: Winds will start out of the SSW during the early morning hours of Sunday. Gradually shifting to out of the WSW by 9 AM local time. Then by 4 PM, the winds will shift to out of the NNW as a cold front moves through the area. Winds N of Morgan's Point will be 9-15 kts throughout the day, while winds S of Morgan's Point will be 13-19 kts throughout the day.

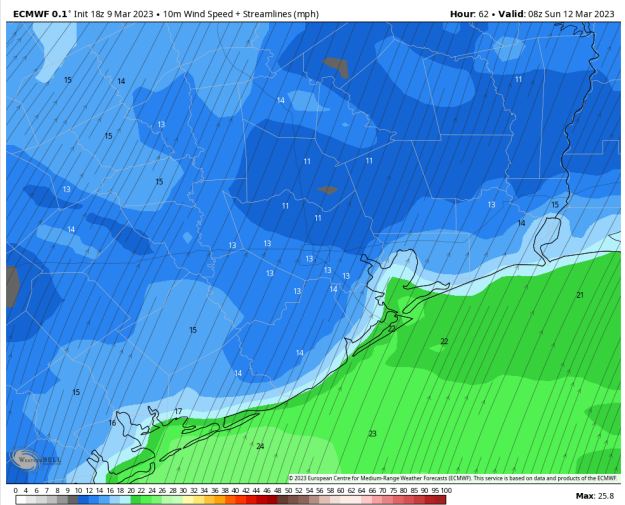
Temps: High temperatures Sunday will be in the low-mid 70s F near the boarding station and low 80s F at all other stations S of Morgan's Point. N of Morgan's Point temperatures will be in the mid 80s.

Visibility: Sea fog threat will be possible Sunday AM.

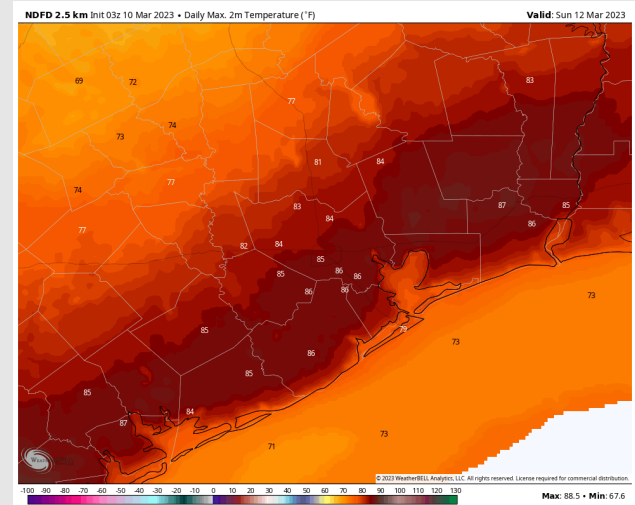
Precip Forecast: 12 PM CT



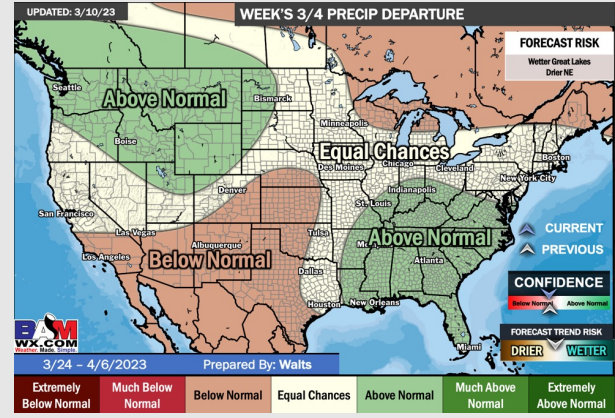
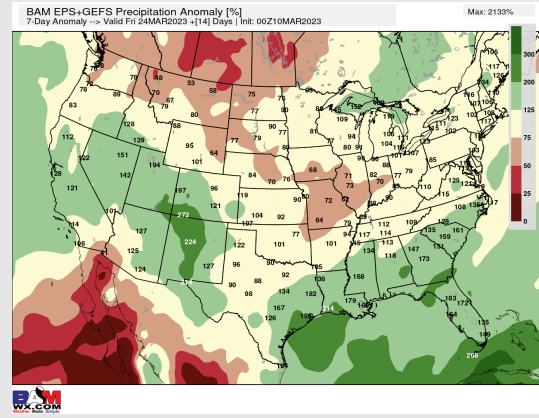
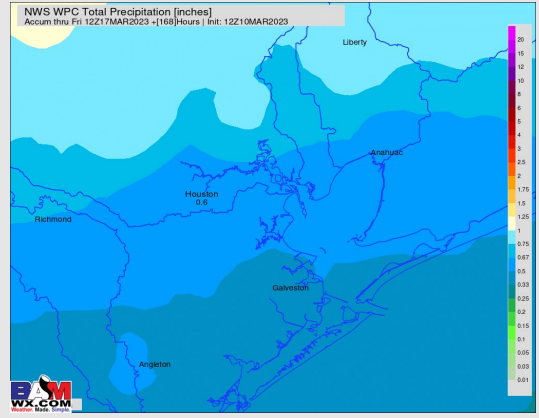
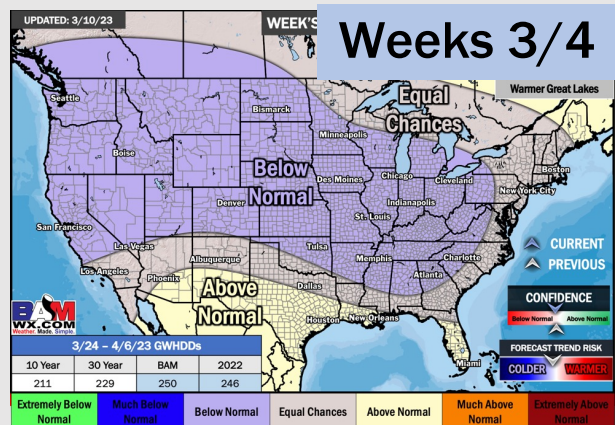
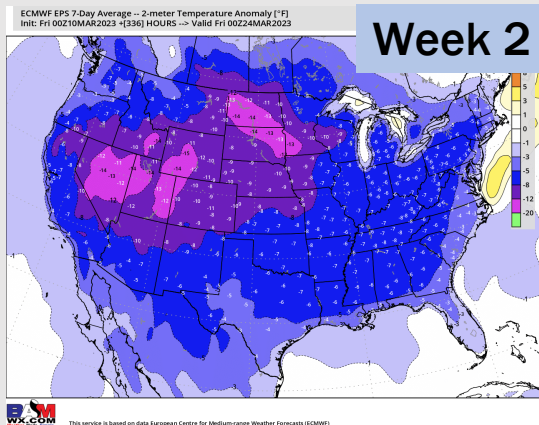
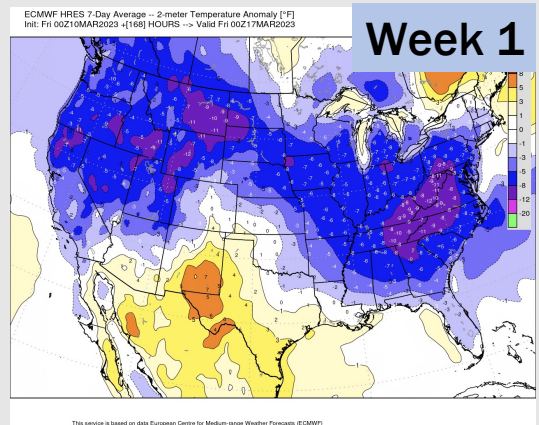
Wind Speed
3 AM CT



High Temps
Today



Houston Pilots: 3/10/23



- Anticipating low end shower chances today and early next week. Better shot for moisture will come over next weekend. Temperatures are expected to be above normal over the next seven days.
- Expecting above normal precipitation chances and below normal temperatures extending into the week 2 timeframe.
- Anticipating above normal temperatures and equal chances for precipitation favored in the week 3/4 timeframe.