

# Houston Pilots Forecast Package



Updated: 5:00 AM CT

Thursday, March 30, 2023

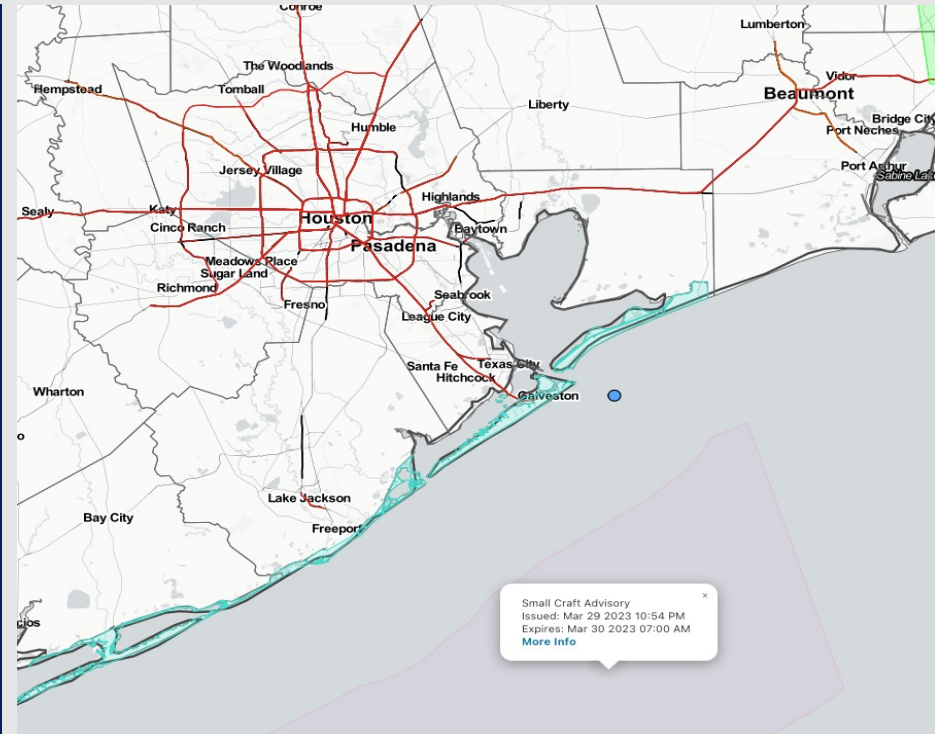
Forecaster: Vince Bryan

## Weather Headlines

➤ Fog is not anticipated today or tomorrow. **Eyeing into early next week for the low end potential for fog threats to come back. Some lower confidence on this given the warming waters, but worth keeping eyes on.**

➤ 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 FRI PM.

➤ 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: 5:00 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 Extended Range Visibility Report



## Sunday 4/2/23

Precipitation could lead to some lowered visibility, but right now not favoring a fog threat Sunday.



## 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.



## 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.



## Chance for Reduced Visibility

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

# Houston Pilots Visibility Report



Time	Thu 3am	Thu 4am	Thu 5am	Thu 6am	Thu 7am	Thu 8am	Thu 9am	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
610 Bridge	10	10	10	10	10	10	7	9	10	10	10	10	10	10	10	9	6	7	6	6	6	6	7	9	10	10	10	10	9	7	7	10	10	10	10	10
Kinder 1	10	10	10	10	10	10	7	9	10	10	10	10	10	10	10	9	7	7	6	6	6	7	7	9	10	10	10	10	9	7	7	10	10	10	10	10
Greens Bayou	10	10	10	10	10	10	7	9	10	10	10	10	10	10	10	9	7	7	7	7	7	7	7	9	10	10	10	10	9	7	8	10	10	10	10	10
Shell Crude	10	10	10	10	10	10	7	9	10	10	10	10	10	10	10	8	7	7	7	7	7	7	7	9	10	10	9	9	9	7	9	10	10	10	10	10
Lynchburg Ferries	10	10	10	10	10	10	7	9	10	10	10	10	10	10	10	8	7	7	7	7	7	7	7	9	10	10	9	9	9	7	9	10	10	10	10	10
Exxon 3	10	10	10	10	10	10	7	9	10	10	10	10	10	10	10	7	7	7	7	7	7	7	7	8	10	10	9	9	9	7	9	10	10	10	10	10
Morgans Point	10	10	10	10	10	9	7	9	10	10	10	10	10	10	9	7	7	7	7	7	7	7	7	7	9	10	9	9	9	7	9	10	10	10	10	10
75/76	10	10	10	10	10	9	7	9	10	10	10	10	10	10	9	7	7	7	7	7	7	7	7	7	9	9	7	7	7	7	9	9	10	10	10	10
63/64	10	10	10	10	10	9	7	9	10	10	10	10	10	10	9	7	7	7	7	7	7	7	7	7	9	9	7	7	7	7	9	9	10	10	10	10
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1 & 2 Bravo	10	10	10	10	10	7	6	7	9	9	7	6	7	6	5	4	7	7	7	7	7	7	7	7	7	7	7	7	7	7	9	9	9	9	9	9

# Houston Pilots Wind Report



**Example**

Sustained wind 13 Knots  
Gusts 18 Knots  
Wind from the N

WS: 13  
G:18  
N

Time Knots	Thu 3am	Thu 4am	Thu 5am	Thu 6am	Thu 7am	Thu 8am	Thu 9am	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	
610 Bridge	5	6	7	7	6	7	8	9	10	11	11	11	11	9	16	16	16	16	16	16	16	16	15	16	15	16	16	16	15	14	16	16	16	17	18	20	18
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	ESE	ESE	ESE	ESE	SE	ESE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	S	S	S	S	S	S	S	S	
Kinder 1	5	5	7	7	6	7	8	9	11	11	12	11	12	11	9	16	15	16	16	16	16	16	15	16	15	16	16	15	14	16	16	16	17	18	20	17	
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	E	E	ESE	ESE	SE	ESE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	S	S	S	S	S	S	S	S	
Greens Bayou	5	5	6	7	6	7	8	9	10	12	12	12	12	11	16	15	16	16	16	16	16	16	15	16	15	16	16	15	14	15	15	16	17	18	20	17	
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Shell Crude	4	5	6	7	6	7	9	9	10	12	12	12	13	12	11	16	15	16	16	17	16	15	15	16	15	16	16	15	14	15	15	16	17	18	19	17	
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Lynchburg Ferries	4	5	5	6	6	7	9	9	9	11	12	12	13	12	12	17	16	16	17	17	16	15	15	16	15	16	16	15	14	15	15	16	17	18	19	17	
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Exxon 3	4	6	6	7	7	8	9	9	10	11	12	12	13	13	12	17	16	16	17	17	16	15	15	16	15	16	16	15	15	15	16	16	18	19	17		
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Morgans Point	8	10	10	11	11	11	12	12	12	13	14	14	15	14	14	17	17	17	17	17	16	16	15	15	16	17	17	16	16	16	16	17	18	19	17		
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1 & 2 Bravo	17	19	19	17	17	17	16	17	15	16	17	16	18	17	17	17	17	18	17	18	18	17	17	16	16	17	20	21	21	21	21	22	20	20	18	17	
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# Houston Pilots: Thur. 3/30/2023



## Forecast Discussion

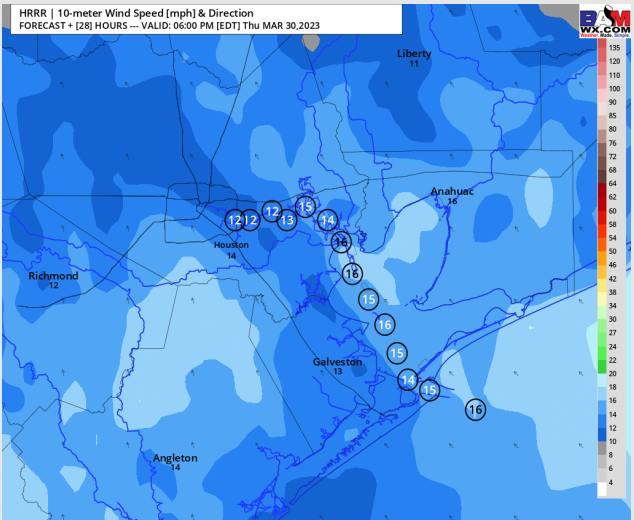
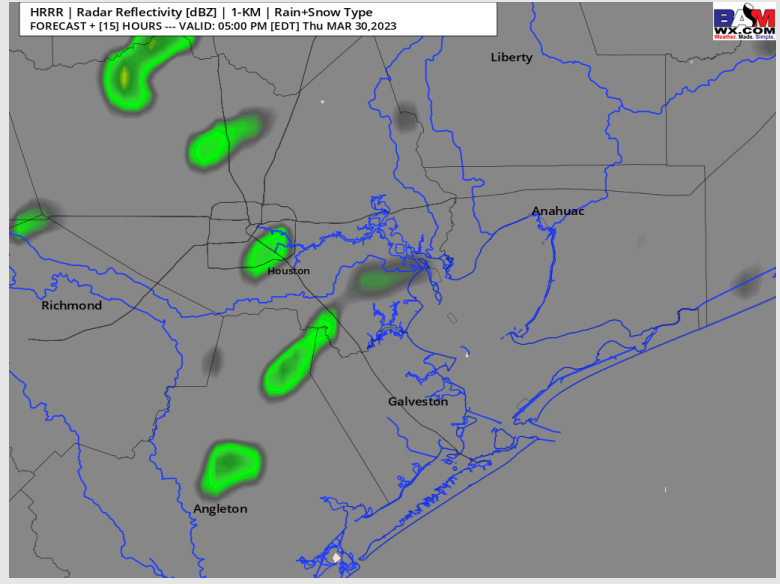
**Precip:** Isolated shower chances will be present towards the 12 PM - 4 PM with a 10-20% chance for precipitation, with majority of storms staying to the west. Chances for a few showers/thunderstorms increase to 20-30% between 4-8 PM.

**Wind:** SE winds will be present all day today. Winds in the AM will be 10-15 kts south of Morgan's Point and will increase into the afternoon/ evening. Winds after 1 - 2 PM today are anticipated to be sustained near 13 - 18 kts (closer to 5-10 knots near the 610 Bridge). **Wind gusts of up to 20-25 kts will be possible across stations south of Morgan's Point all day today.**

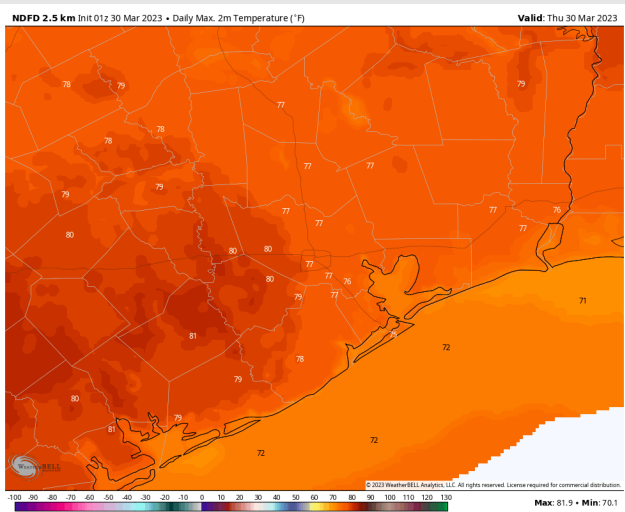
**Temps:** High temperatures today will be in the mid 70s F north of Morgan's Point and in the lower 70s F south of Morgan's Point.

**Visibility:** Currently not favoring fog for today.

## Precip Forecast: 3 PM CT



Wind Speed  
5 PM CT



High Temps  
Today

# Houston Pilots: Fri. 3/31/2023



## Forecast Discussion

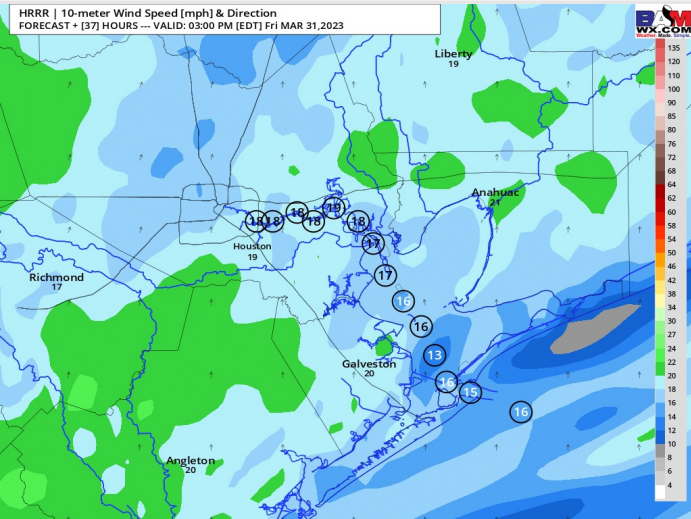
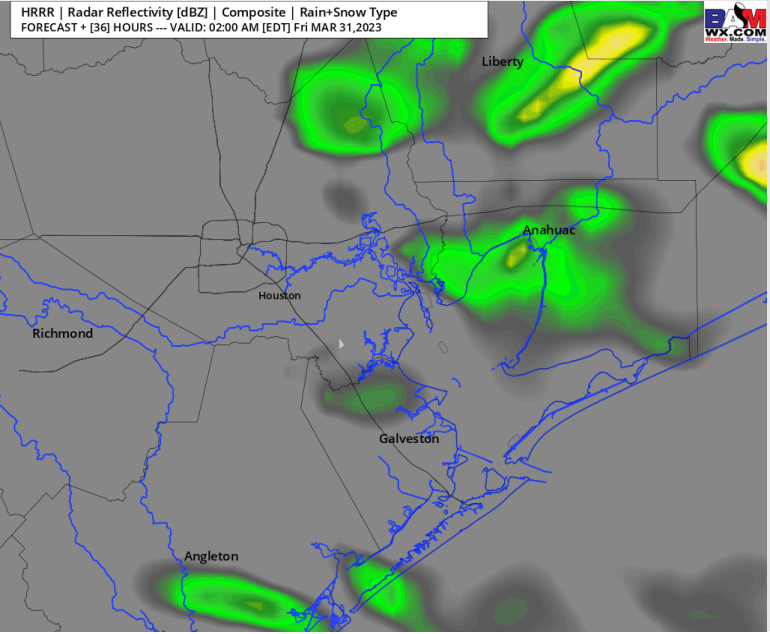
**Precip:** 30% chance of showers between 12 – 7 AM Friday morning. After 7 AM, expecting 10-20% chances of a very isolated leftover shower through Noon before dry conditions settle in.

**Wind:** Sustained winds out of the SE during the AM hours on Friday and out of the SW during the PM hours. Wind speeds are 13-18 kts for most locations for most of the day (with gusts 23-28 knots possible at the boarding station). After 5 PM on Friday, wind speeds slowly calm to 8-13 kts at the boarding station.

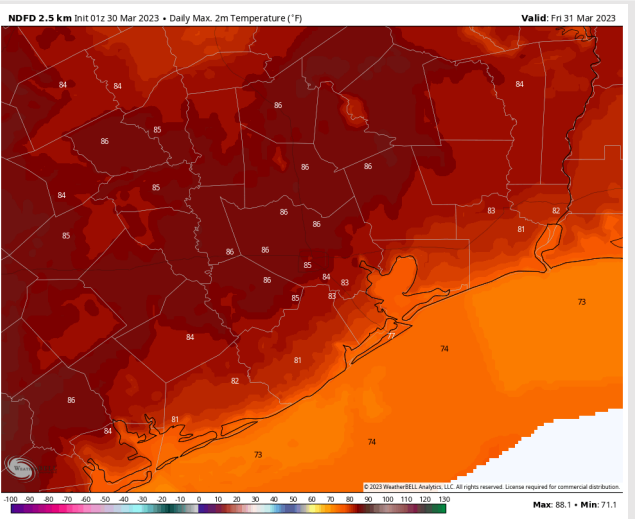
**Temps:** High temperatures on Friday will be in the mid/upper 70s F south of Morgan's Point and low/mid 80s F north of Morgan's Point.

**Visibility:** Do not anticipate Fog for FRI at this time but will continue to monitor for the low-end risk.

## Precip Forecast: 1 AM CT



Wind Speed  
2 PM CT



High Temps  
Friday

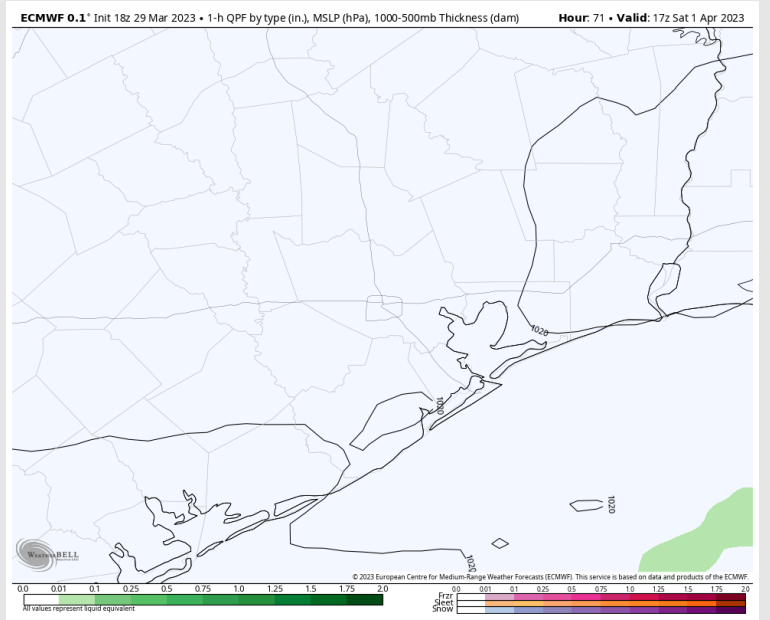
# Houston Pilots: sat. 4/1/2023



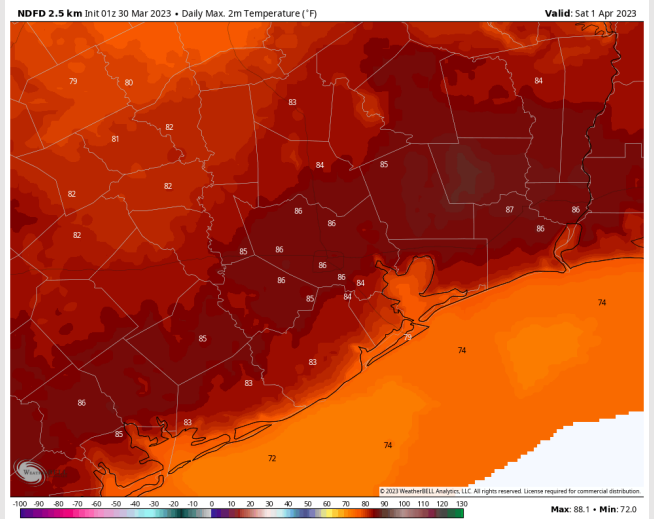
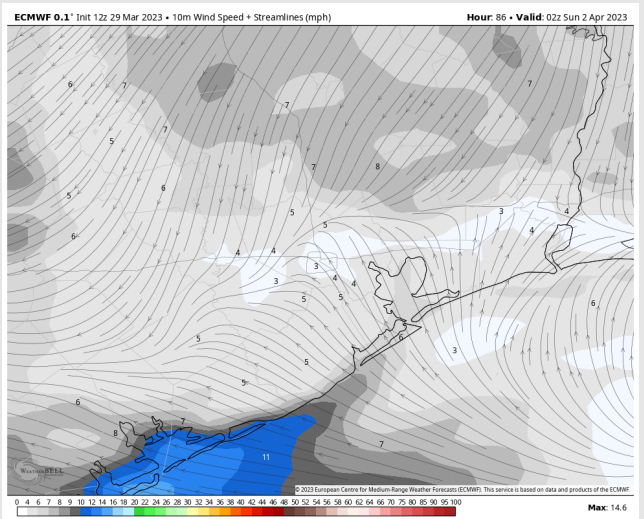
## Forecast Discussion

- 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:** A non-zero risk for fog is worth watching Saturday AM between 5-8 AM. This would likely not be sea fog, but patchy "inland" fog that would have the best risk of impacting stations N of Morgan's Point for a couple hours in the AM before burning off.

## Precip Forecast: 12 PM CT

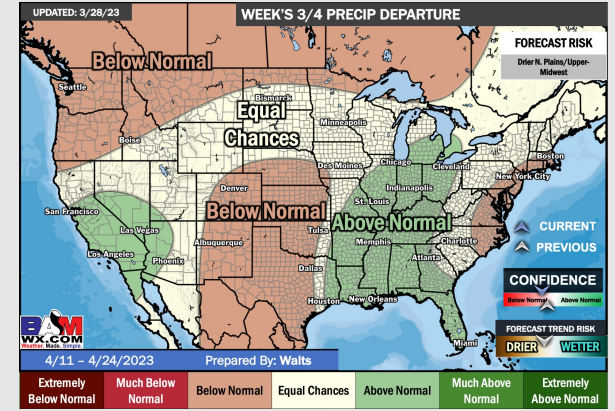
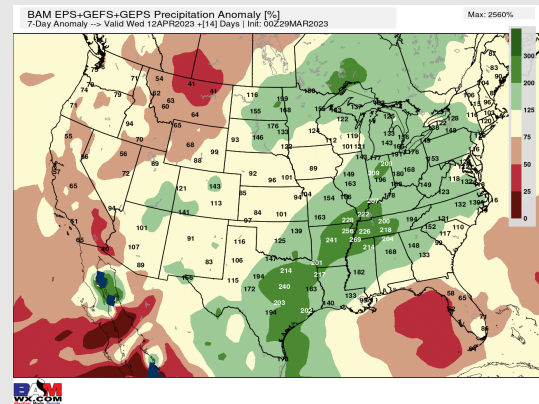
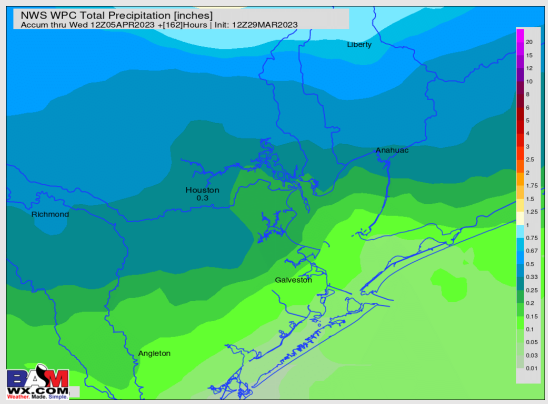
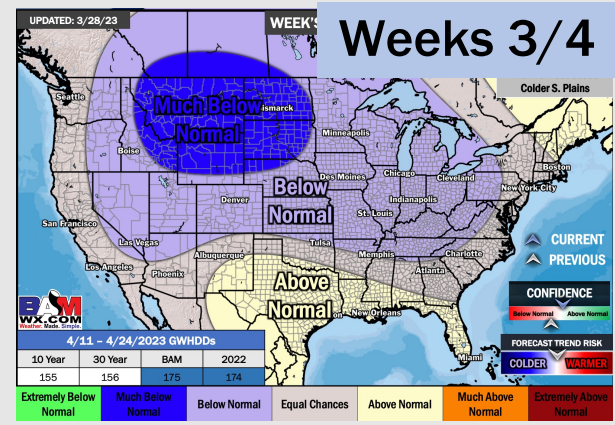
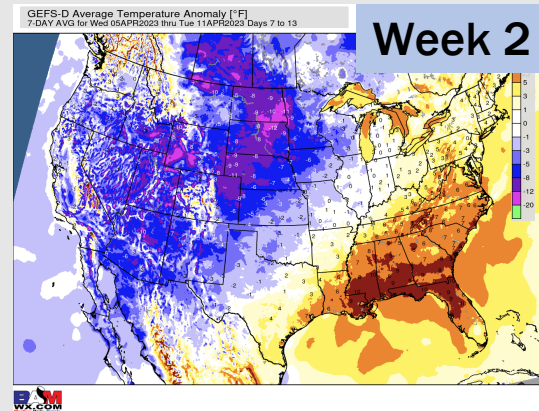
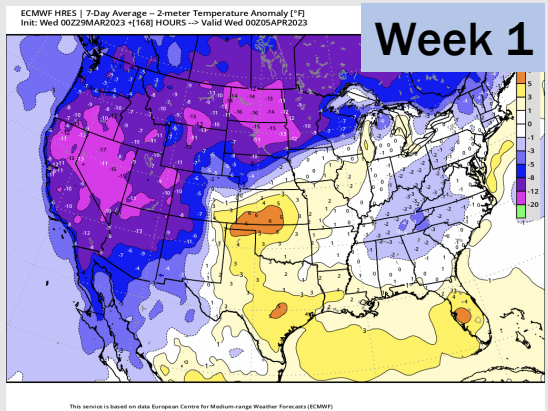


Wind Speed  
9 PM CT



High Temps  
Saturday

# Houston Pilots: 3/30/23



- There will be a few rain chances this week that are generally on the lighter side. Today's rain around the area is the "heaviest" over the next 7 days but will need to watch how things trend for SUN (current thinking is heaviest goes to the north). 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 to near normal chances for precipitation favored in the week 3/4 timeframe.