

# Houston Pilots Forecast Package



Updated: 5:00 AM CT

Friday, March 31, 2023

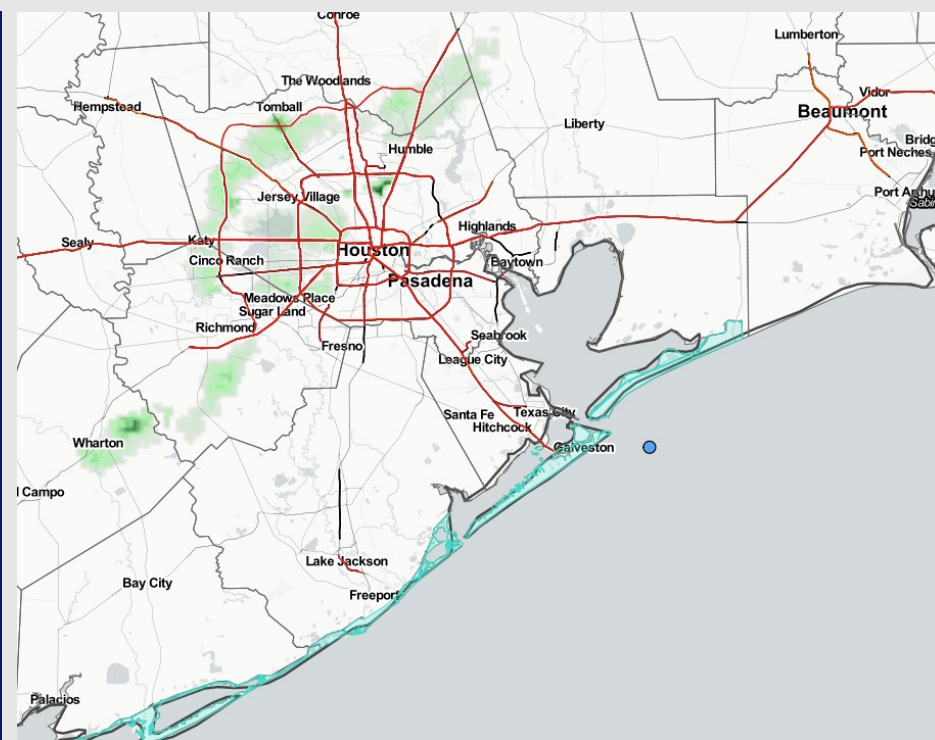
Forecaster: Vince Bryan

## Weather Headlines

➤ While fog is not anticipated this 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: 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



## 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

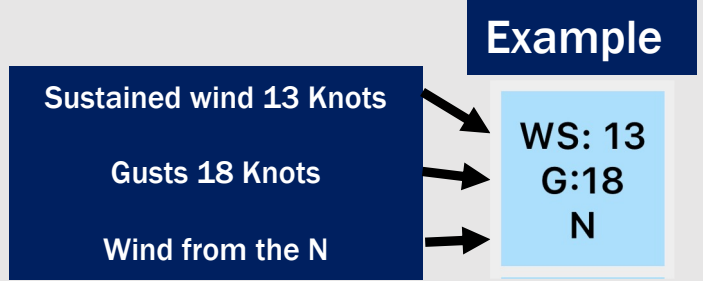
Monday AM	Low End Risk
Monday PM	Unlikely
Tuesday AM	Low End Risk
Tuesday PM	Unlikely
Wednesday AM	Low End Risk
Wednesday PM	Unlikely

# Houston Pilots Visibility Report



Time	Fri 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	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	
610 Bridge	6	6	6	6	6	6	6	6	10	10	10	10	10	10	10	10	10	10	10	9	8	6	6	5	3	0.65	0.48	0.41	0.48	0.48	0.24	2	8	10	10	10	
Kinder 1	6	6	6	6	6	6	6	6	10	10	10	10	10	10	10	10	10	10	10	9	8	7	6	5	4	2	2	2	2	2	2	2	4	10	10	10	10
Greens Bayou	6	6	6	6	6	6	6	6	10	10	10	10	10	10	10	10	10	10	10	10	9	8	7	6	5	3	3	3	4	4	5	7	10	10	10	10	
Shell Crude	6	6	6	6	6	6	6	6	10	10	10	10	10	10	10	10	10	10	10	9	9	9	8	8	6	5	5	5	8	8	8	10	10	10	10	10	
Lynchburg Ferries	6	6	6	6	6	6	6	6	10	10	10	10	10	10	10	10	10	10	10	10	9	9	8	8	6	5	5	5	8	8	8	10	10	10	10	10	
Exxon 3	6	6	6	6	6	6	6	6	10	10	10	10	10	10	10	10	10	10	10	9	9	9	8	8	6	5	5	5	8	8	8	10	10	10	10	10	
Morgans Point	6	6	6	6	6	7	6	6	10	10	10	10	10	10	10	10	10	10	10	9	9	9	8	8	7	5	6	6	8	8	8	10	10	10	10	10	
75/76	6	6	6	6	6	7	6	6	10	10	10	10	10	10	10	10	10	10	10	9	9	9	8	8	8	5	6	8	8	8	8	10	10	10	10	10	
63/64	6	6	6	6	6	6	6	6	10	10	10	10	10	10	10	10	10	10	10	9	9	9	8	8	8	6	7	8	8	8	8	10	10	10	10	10	
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1 & 2 Bravo	4	4	4	4	4	5	4	4	6	7	6	6	6	6	6	6	8	8	7	7	7	7	8	8	7	5	6	6	8	8	8	8	10	10	10	10	

# Houston Pilots Wind Report



Time Knots	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	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
610 Bridge	8	14	16	7	3	5	7	8	10	11	12	13	12	12	11	15	14	13	12	11	10	7	6	5	5	5	4	3	3	3	3	3	4	5	6	6
	19	32	37	23	11	13	21	25	23	22	24	24	21	20	19	23	21	19	18	17	14	11	9	8	8	7	6	5	5	4	4	5	7	8	9	9
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Kinder 1	7	14	16	8	3	5	7	9	10	11	12	13	12	11	11	15	14	12	12	11	10	7	6	5	5	5	4	3	3	3	3	4	5	7	7	
	17	31	37	23	11	13	22	25	23	22	24	23	20	20	20	22	21	19	18	17	14	11	9	8	8	7	6	5	4	4	5	7	8	9	9	
	SSE	SSE	SSE	S	S	S	S	S	S	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	S	S	S	SSW	SW	SW	SW	WSW	WSW	W	WNW	NW	NNW	N	WSW	ENE	NNE	NNE	NNE
Greens Bayou	7	14	16	8	3	4	8	9	10	11	12	13	12	11	11	14	13	12	12	11	9	7	6	5	5	5	4	3	3	3	3	4	5	7	7	
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Shell Crude	7	13	16	9	3	5	8	9	10	12	12	13	12	11	11	14	13	12	11	10	9	7	6	5	5	5	4	3	3	3	3	4	5	6	7	
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Lynchburg Ferries	8	14	16	9	3	5	8	9	10	12	12	13	11	11	11	15	14	12	12	11	9	7	6	5	5	5	4	4	3	3	4	4	5	6	7	
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Exxon 3	9	14	16	13	4	5	6	10	10	12	12	13	12	12	11	15	14	13	12	11	9	7	6	5	5	5	4	4	3	4	4	5	5	6	7	
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Morgans Point	10	13	18	16	5	4	3	9	9	11	12	12	12	11	15	15	14	12	11	9	7	6	5	5	5	4	4	3	4	4	4	4	5	6	6	
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63/64	9	9	18	21	8	7	11	11	6	9	11	12	13	12	14	16	16	15	13	11	10	8	6	5	5	5	4	4	4	4	5	5	5	5	6	
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51/52	8	11	17	25	16	8	12	11	9	8	11	11	12	12	14	15	15	14	12	10	10	9	6	5	5	4	4	3	3	4	5	5	5	5	6	
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37/38	9	13	16	25	20	8	13	13	10	8	11	11	11	12	13	14	13	12	11	9	9	9	7	5	5	4	3	3	3	3	4	5	5	6	6	
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	SSE	SSE	SSE	SSE	SSE	SSE	S	S	S	SSW	SSW	SSW	SSW	SSW	S	S	S	S	S	S	S	S	SSW	SW	SW	SW	WSW	WSW	W	WNW	NW	NNW	N	NNW	SW	ENE
25/26	10	13	15	23	18	12	13	16	11	11	12	12	12	12	11	12	11	10	9	9	9	7	6	5	4	3	3	3	3	3	4	5	5	6	6	
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	SSE	SSE	SSE	SSE	SSE	S	S	S	S	SSW	SSW	SSW	SSW	SSW	SSW	S	S	S	S	S	S	S	SSW	SW	SW	SW	WSW	WSW	WNW	NW	NNW	NNW	NNW	SW	SE	NE
11/12	11	14	16	23	21	15	15	18	15	12	11	10	9	8	8	11	10	10	9	9	9	7	6	5	4	4	3	3	4	4	5	5	6	6	6	
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	SSE	SSE	SSE	SSE	S	S	S	S	S	S	SSW	SSW	SSW	S	SSE	S	S	S	S	S	S	S	SW	SW	SW	SW	WSW	WSW	WNW	NW	NNW	NNW	N	WSW	SE	NE
1 & 2 Bravo	13	15	17	21	23	19	15	18	19	11	8	5	4	2	4	10	11	10	10	10	10	10	9	8	6	6	5	4	4	4	5	5	5	6	5	5
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	SSE	SSE	SSE	SSE	S	S	S	S	S	S	SSW	SSW	SSW	SE	ESE	S	S	S	S	S	S	S	SSW	SW	SW	WSW	WSW	WSW	W	WNW	NW	NNW	NNW	N	WNW	NNE

# Houston Pilots: Fri. 3/31/2023



## Forecast Discussion

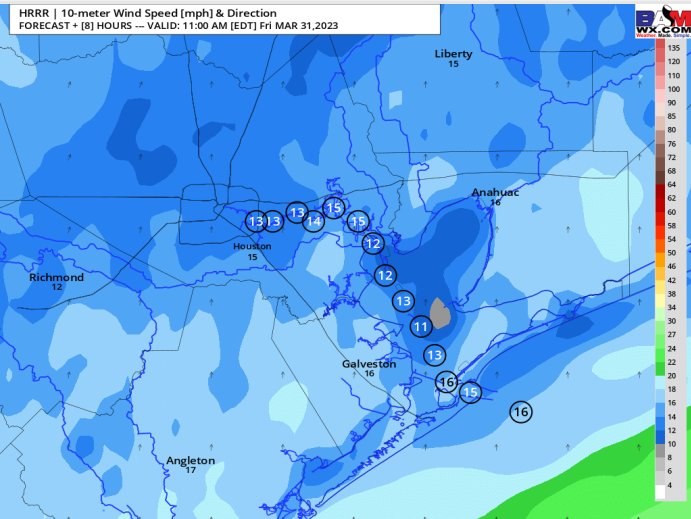
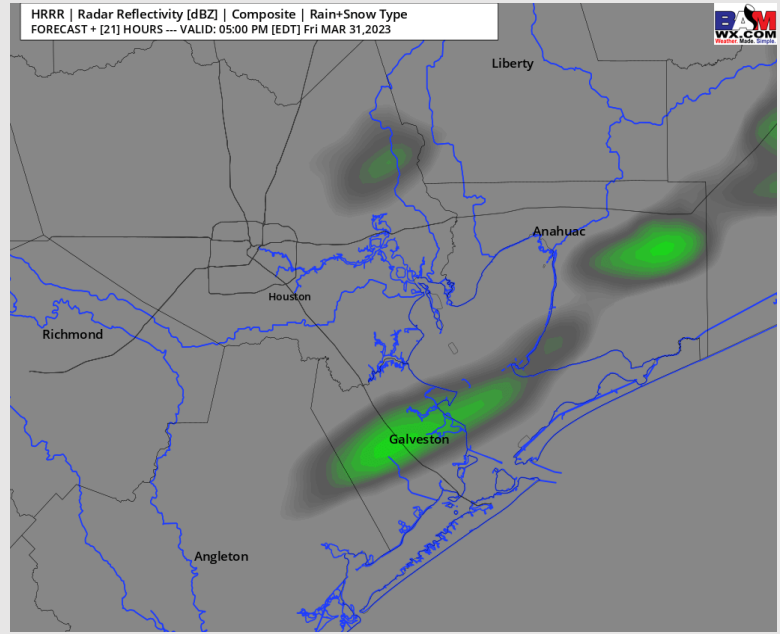
**Precip:** 30% chance of showers until 7 AM this morning. After 7 AM, expecting 10-20% chances of a very isolated leftover shower through 6 PM before dry conditions settle in for the evening.

**Wind:** Sustained winds out of the SE this morning 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, wind speeds slowly calm to 8-13 kts at the boarding station. **Watching 7-11 AM in particular for winds at the boarding station to be sustained 18-23 knots with some gusts 25-30 kts possible.**

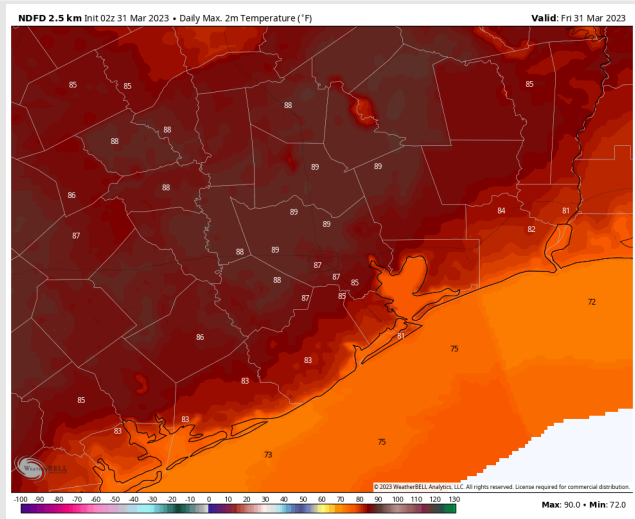
**Temps:** High temperatures today will be in the mid/upper 70s F south of Morgan's Point and low/mid 80s F north of Morgan's Point.

**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 day. This threat will be closely monitored.

## Precip Forecast: 4 PM CT



Wind Speed  
10 AM CT



High Temps  
Today

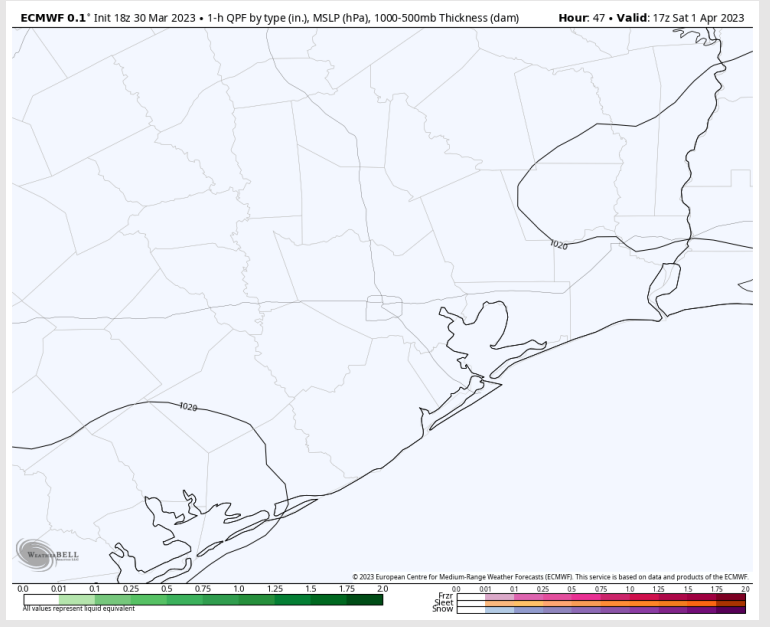
# Houston Pilots: sat. 4/1/2023



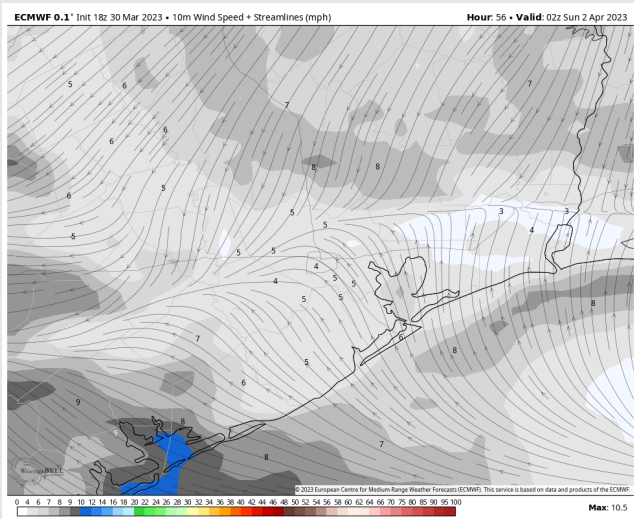
## Forecast Discussion

- 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.

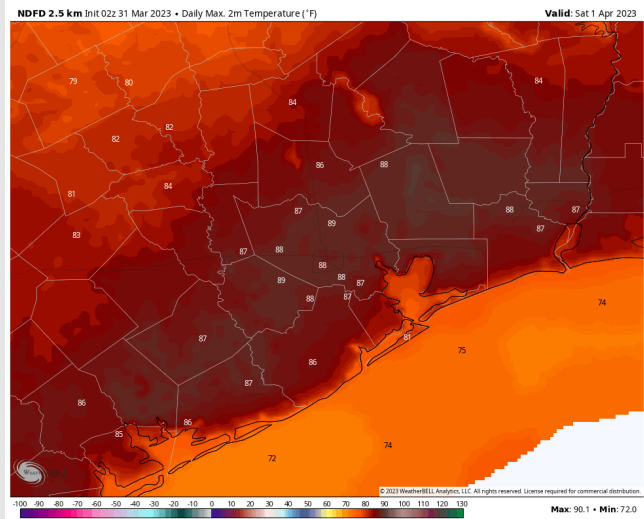
## Precip Forecast: 12 PM CT



Wind Speed  
9 PM CT



High Temps  
Saturday



# Houston Pilots: Sun. 4/2/2023



## Forecast Discussion

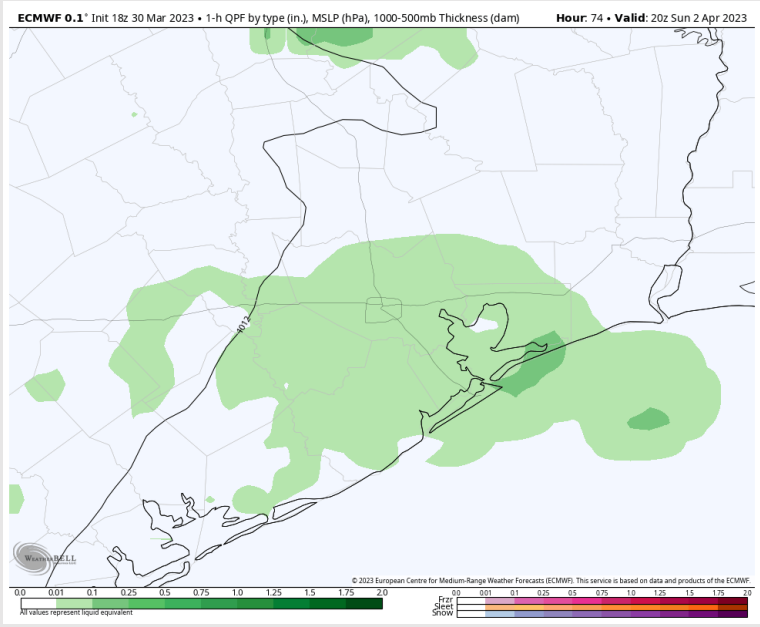
**Precip:** Favoring dry conditions early Sunday morning until around 5 AM. After 5 AM, favoring a 10-20% chance for showers until around 10 AM. After 10 AM, favoring dry conditions until around 11 AM. After 11 AM chances for showers and thunderstorms will increase to 60-70% until 7 PM. After 7 PM, favoring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

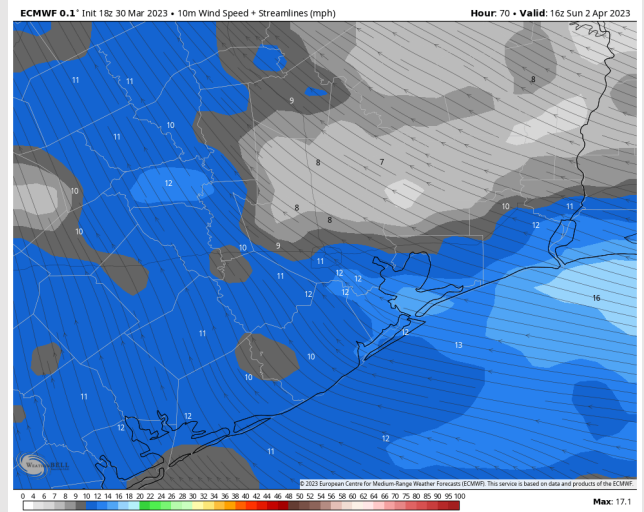
**Temps:** High temperatures Sunday will be in the mid-upper 70s F for stations S of Morgan's Point and in the low-mid 80s F for stations N of Morgan's Point.

**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.

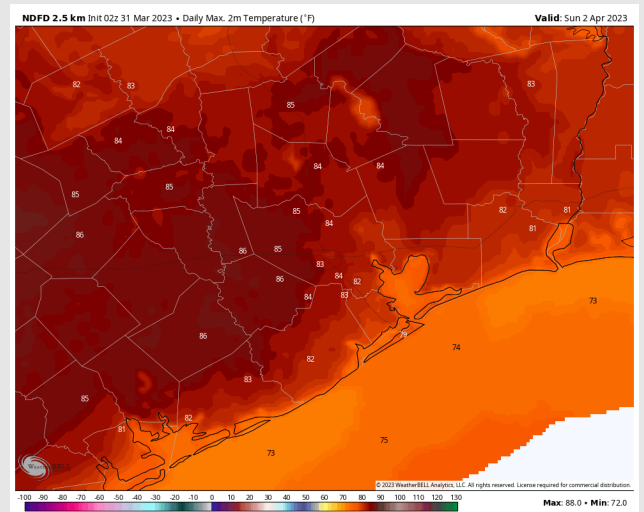
## Precip Forecast: 3 PM CT



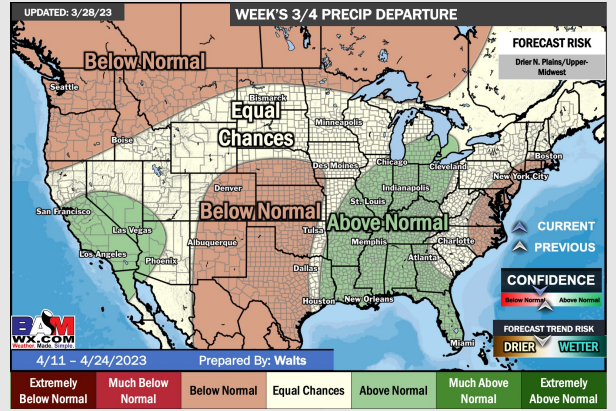
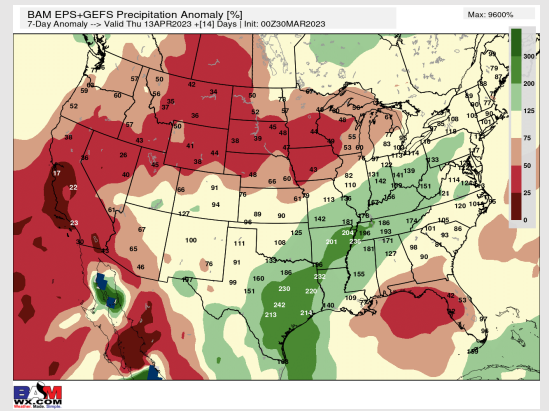
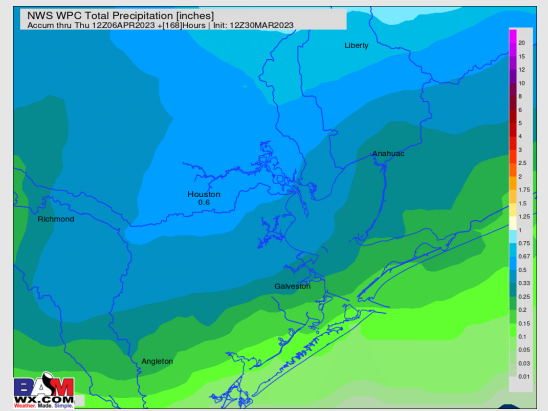
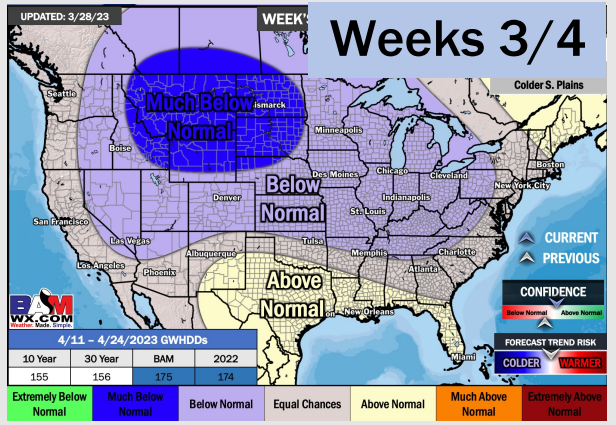
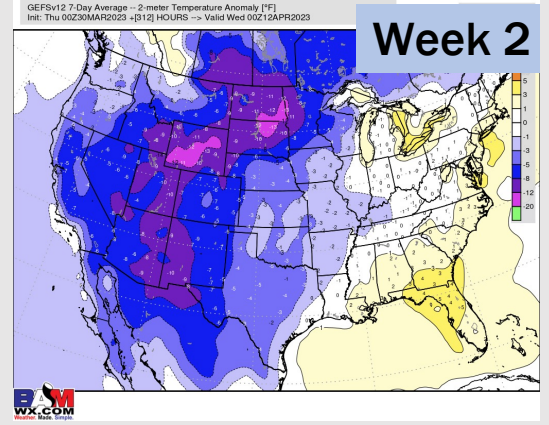
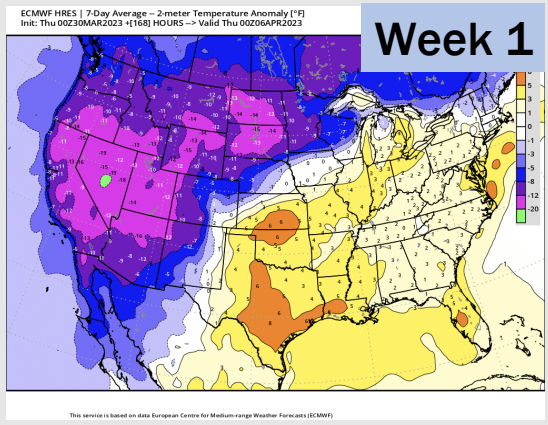
Wind Speed  
11 AM CT



High Temps  
Sunday



# Houston Pilots: 3/31/23



- There will be a few rain chances this week that are generally on the lighter side. We 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 near 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.