

Houston Pilots Forecast Package



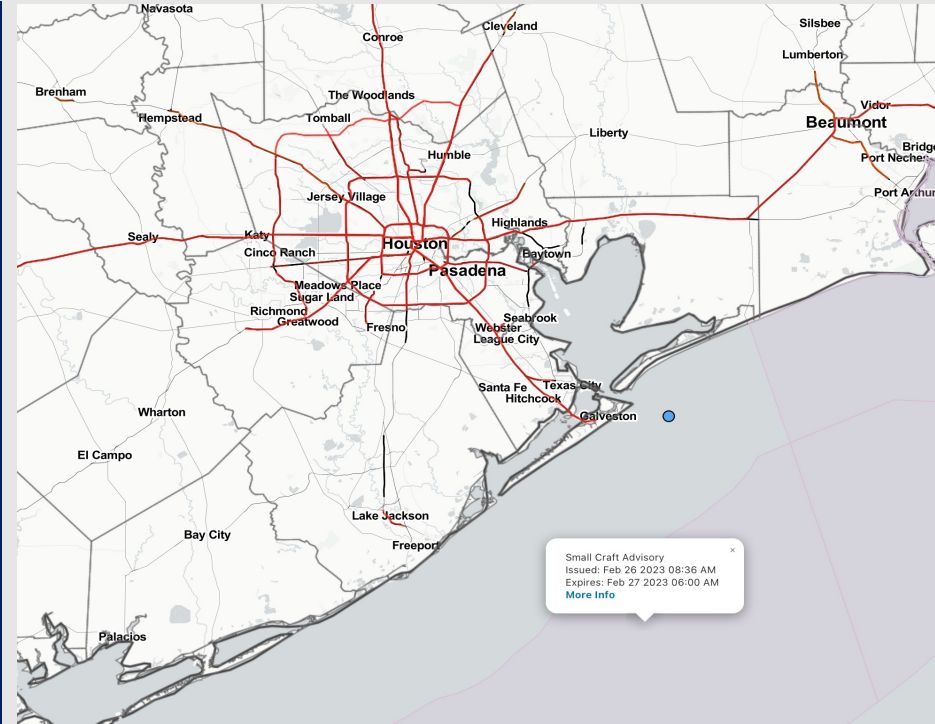
Updated: 5:00 AM CT

Monday, February 27, 2023

Forecaster: Vince Bryan

Weather Headlines

- Even with a weak front trying to pass the area today (around noon), daily fog chances will continue through Thursday PM before a strong cold front works through and wipes fog chances out by Friday.
- Isolated shower chances on the order of <20% are expected throughout the week.
- Highest risk of seeing waves at/just above 6 feet comes Thursday afternoon into the early Friday AM hours. This will be because of strong SE winds.
- The upcoming weekend looks rather quiet.



Radar/NWS Alerts: 1:30 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.

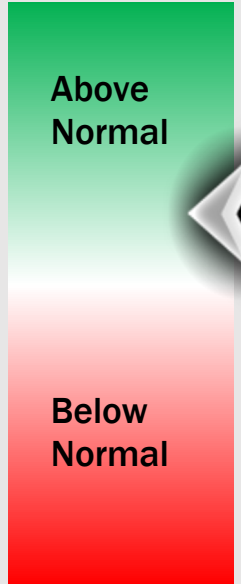
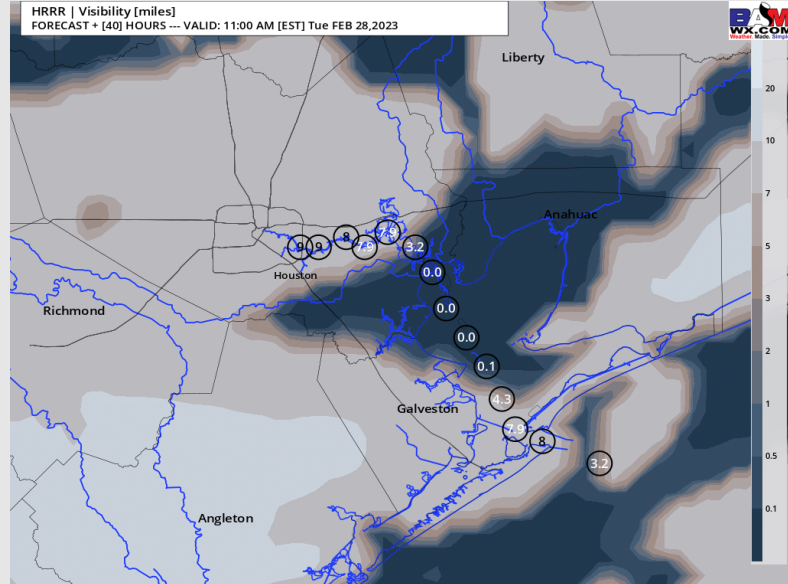
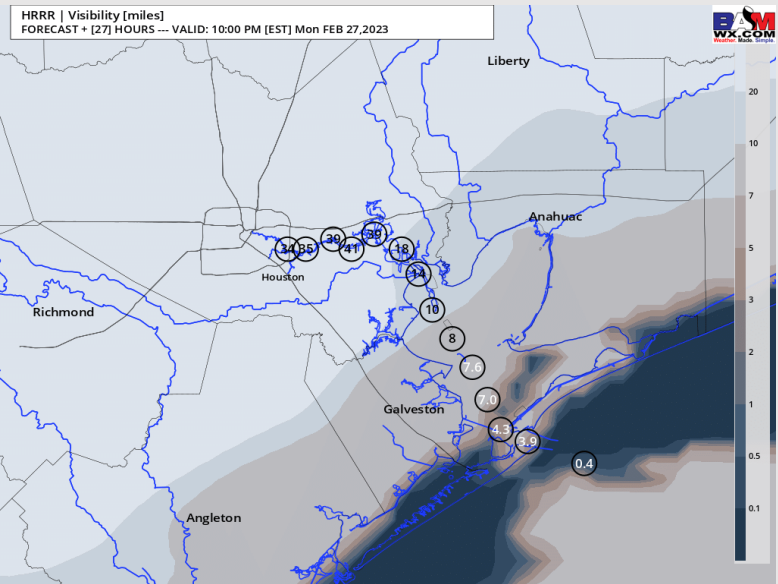
Houston Pilots Visibility Report



9 PM CT MON VISIBILITY

10 AM CT TUE VISIBILITY

Confidence



TIMEFRAME DISCUSSED	THREAT
9 PM MON - 12 PM TUE	Medium - High

- The cold front working through today will stall as it reaches the coast, allowing for the fog threat to continue tonight. Currently eyeing fog development to happen first at the boarding station in the 8-10 PM hours tonight before spreading northward.
- Fog then will then be possible at all locations by ~Midnight to 2 PM, with the highest threat of dense fog (<2 miles) coming at the boarding station. This threat likely continues through the overnight and through the early AM Tuesday.
- Fog then likely starts to lift in the 8-10 AM North of Morgan's Point, with a gradual lift of fog through the 10AM - Noon timeframe Tuesday for stations south.
- The station most at risk of seeing patchy fog continuing into the early PM would be boarding station, however lower confidence exists on that.

Houston Pilots Extended Range Visibility Report



Thursday 3/2/23

Winds could be from the S/SSE Thursday AM before a cold front comes through and flips the winds from the NW late in the evening. Timing will determine PM fog threat.



Friday 3/3/23

Rather strong northwesterly winds on Friday will make fog threats highly unlikely.



Saturday 3/4/23

Fog is not likely on Saturday as drier air will still be around from the front that passed late Thu/ very early Friday.



Chance for Reduced Visibility

Thursday AM	Possible
Thursday PM	Possible
Friday AM	Unlikely
Friday PM	Unlikely
Saturday AM	Unlikely
Saturday PM	Unlikely

Houston Pilots Visibility Report



Time	Mon 2am	Mon 3am	Mon 4am	Mon 5am	Mon 6am	Mon 7am	Mon 8am	Mon 9am	Mon 10am	Mon 11am	Mon 12pm	Mon 1pm	Mon 2pm	Mon 3pm	Mon 4pm	Mon 5pm	Mon 6pm	Mon 7pm	Mon 8pm	Mon 9pm	Mon 10pm	Mon 11pm	Tue 12am	Tue 1am	Tue 2am	Tue 3am	Tue 4am	Tue 5am	Tue 6am	Tue 7am	Tue 8am	Tue 9am	Tue 10am	Tue 11am	Tue 12pm	Tue 1pm
610 Bridge	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	9	6	4	4	0.48	0.24	0.24	0.24	0.24	2	6	7	10	10
Kinder 1	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	9	6	4	4	0.48	0.24	0.24	0.24	0.24	2	6	8	10	10
Greens Bayou	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	9	6	5	4	0.48	0.24	0.24	0.24	0.24	2	5	8	10	10
Shell Crude	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	9	6	4	4	0.48	0.24	0.24	0.24	0.24	2	5	8	10	10
Lynchburg Ferries	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	9	6	5	4	0.48	0.24	0.24	0.24	0.24	2	6	8	10	10
Exxon 3	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	9	6	4	4	0.24	0.24	0.24	0.24	0.24	2	5	8	10	10
Morgans Point	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	9	6	4	3	0.24	0.24	0.24	0.24	0.24	2	5	8	10	10
75/76	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	9	6	4	0.48	0.24	0.24	0.24	0.24	0.24	2	5	8	10	10
63/64	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	9	6	4	0.48	0.24	0.24	0.24	0.24	0.24	2	5	8	10	10
51/52	10	10	9	9	10	8	8	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	9	4	0.48	0.24	0.24	0.24	0.24	0.24	2	4	8	10	10	
37/38	5	7	6	6	8	6	5	9	10	10	10	10	10	10	10	10	10	10	10	10	10	8	6	3	0.48	0.24	0.24	0.24	0.24	0.24	0.16	1	4	6	7	7
25/26	5	4	5	6	6	5	5	6	9	10	10	10	10	10	10	10	10	10	10	10	8	8	6	3	0.47	0.24	0.24	0.24	0.24	0.24	0.16	1	3	6	7	8
11/12	4	4	4	5	6	4	4	5	9	10	10	10	10	10	10	10	10	10	10	9	8	8	7	1	0.24	0.24	0.24	0.24	0.24	0.24	0.16	1	3	5	6	6
1 & 2 Bravo	4	4	4	4	5	4	4	5	7	8	10	10	10	10	10	10	10	9	8	7	8	8	7	0.58	0.18	0.18	0.18	0.18	0.22	0.22	0.16	1	2	3	4	4

Houston Pilots: Mon. 2/27/2023



Forecast Discussion

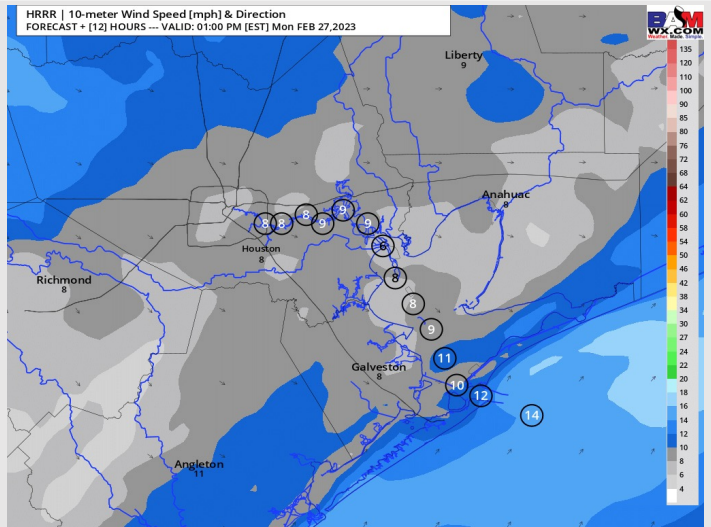
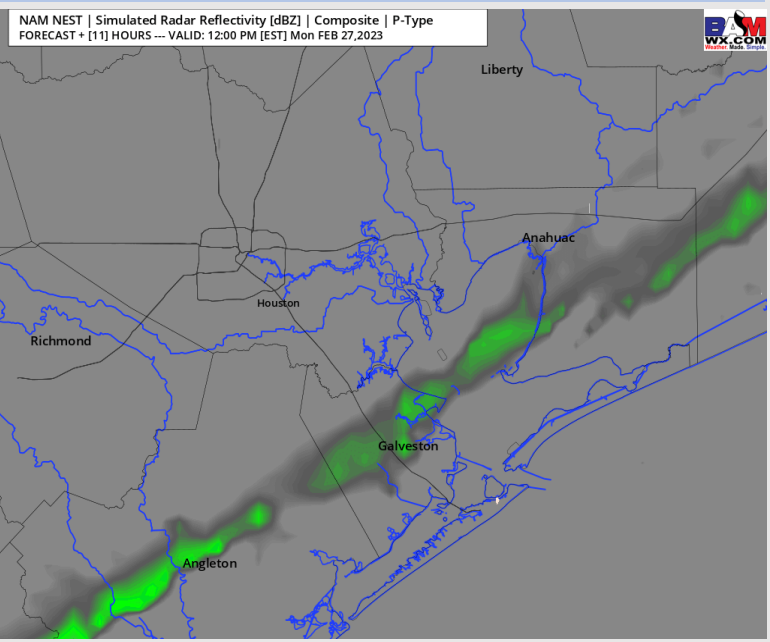
Precip: A weak front passing through the area will bring ~20-30% rain chances through 12 PM. Any pockets of precip will be rather light given the lack of moisture with this front. After 12 PM anticipating dry conditions.

Wind: Sustained winds will continue from the SW this AM at the boarding station, slowly weakening from the current ~13-18 knots. Between 11 AM – 2 PM, a weak front passes through and turns winds briefly out of the NW. With the front, winds will be 8-13 knots sustained with gusts 13-18 knots possible. Winds by 4 PM return out of the SW at the boarding station to 10-15 knots the rest of the PM/ evening.

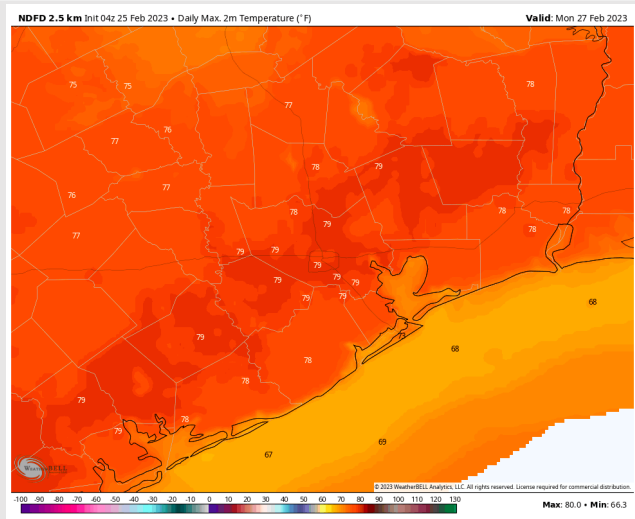
Temps: High temperatures today will be near 80 F north of Moran’s Point and in the mid to upper 70s F south of Morgan’s Point. Temperatures near the Boarding Station will be in the upper 60s F.

Visibility: View visibility slides above as there will still be a risk for fog overnight tonight.

Precip Forecast: 11 AM CT



Wind Speed
1 PM CT



High Temps
Today

Houston Pilots: Tue. 2/28/2023



Forecast Discussion

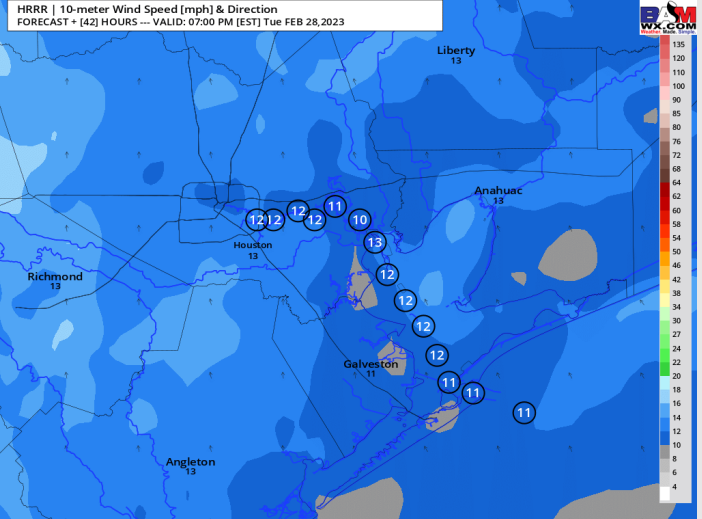
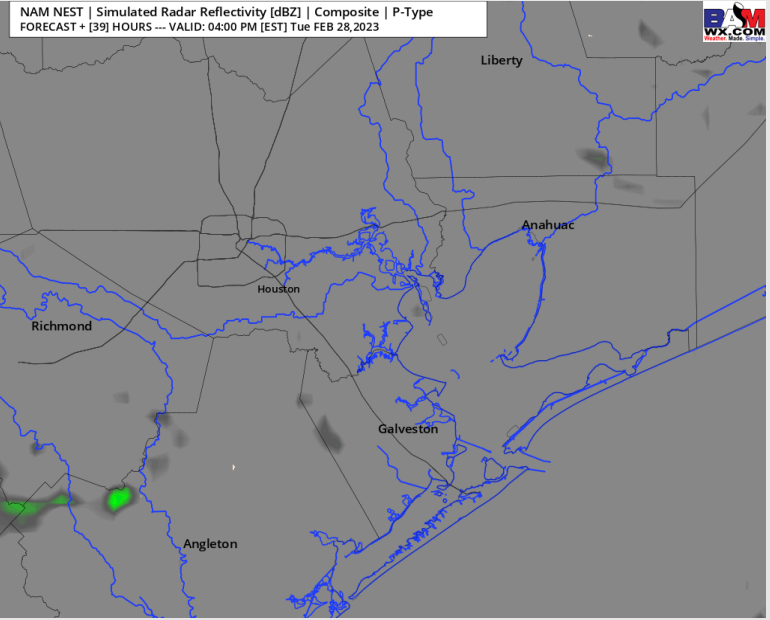
Precip: Favoring mostly dry conditions with a 10% chance for an isolated light shower during the late AM early PM hours.

Wind: Light winds on Tuesday will be from the SSW during the morning and early afternoon. Winds will shift more from the SSE during the mid afternoon. Winds will range from 5 – 10 kts up until 4 PM, where they will increase to 10 – 15 kts.

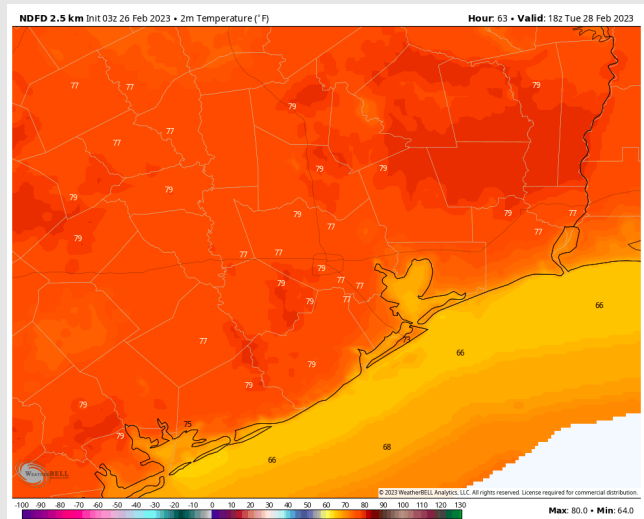
Temps: High temperatures Tuesday will be in the upper 70s F north of Morgan’s Point and in the mid 60s F to near 70 F south of Morgan’s Point.

Visibility: See visibility slides above for latest thinking on Tuesday’s fog threats.

Precip Forecast: 12 PM CT



Wind Speed
6 PM CT



High Temps
Tuesday

Houston Pilots: Wed. 3/1/2023



Forecast Discussion

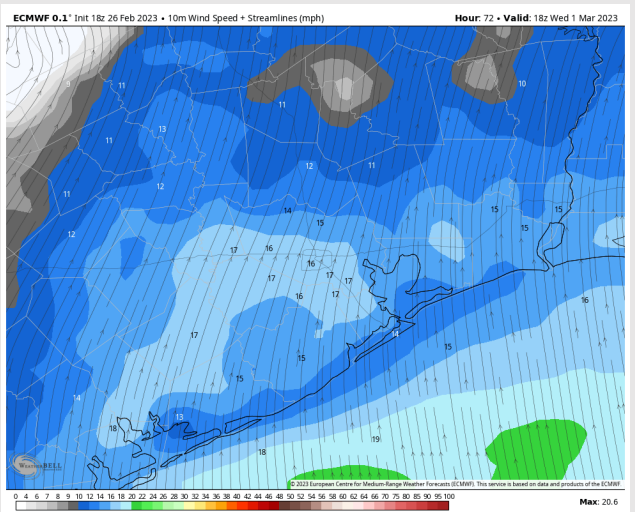
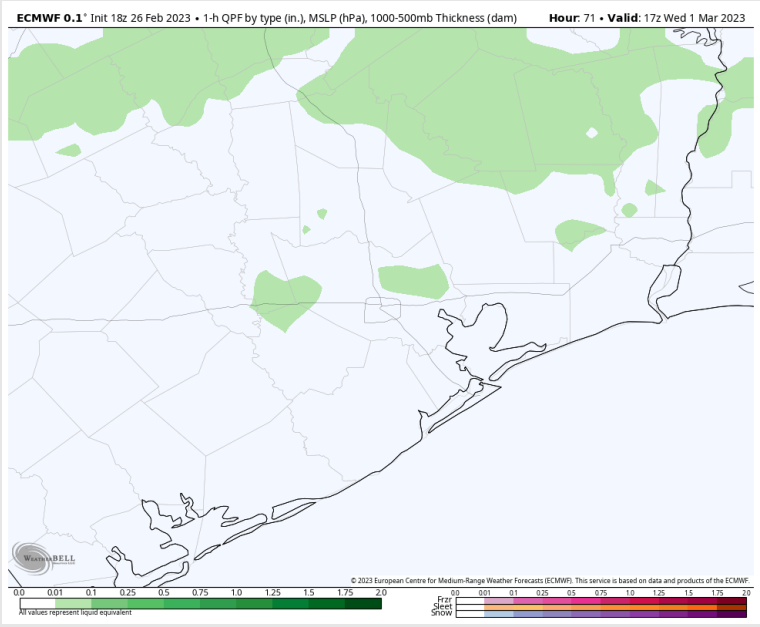
Precip: Favoring dry conditions throughout the day Wednesday. An isolated 20% chance for a light isolated shower between 10 AM – 2 PM, anticipating the better rain chances to remain N. of HOU Metro.

Wind: Sustained winds out of the S - SSE all day. Winds north of Morgan's Point will be at 6 – 10 kts until 9 AM where winds increase to 10 – 15 kts and stay that way the rest of the day. Winds south of Morgan's Point will be at 10 – 15 kts throughout the day with gusts 15-20 knots.

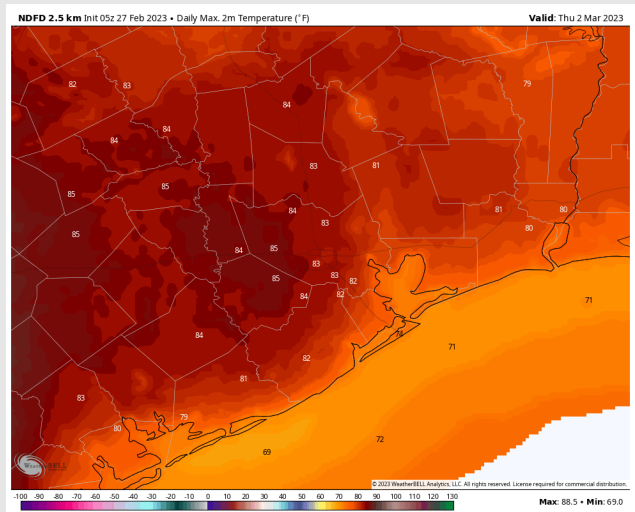
Temps: High temperatures Wednesday in the 70s F for stations south of Morgan's Point. Stations north of Morgan's Point in the near 80s F.

Visibility: Patchy sea fog will once again be possible (biggest threats coming in the early-mid AM hours & after sundown). Slightly elevated winds during the day likely limit the threat for the late AM – mid PM hours.

Precip Forecast: 8 PM CT

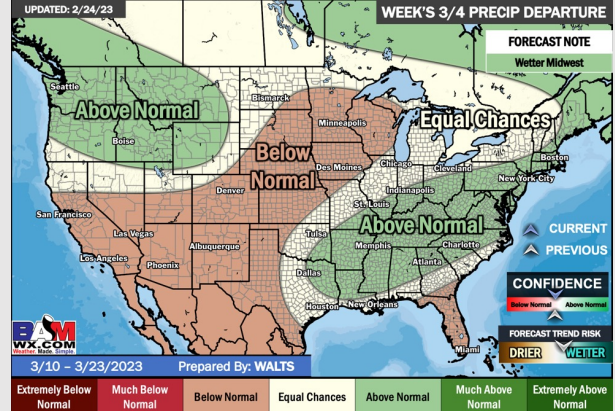
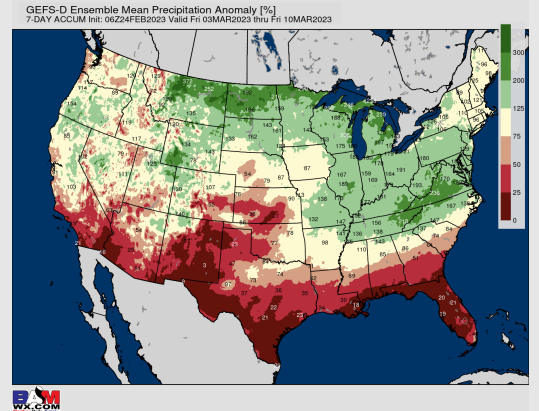
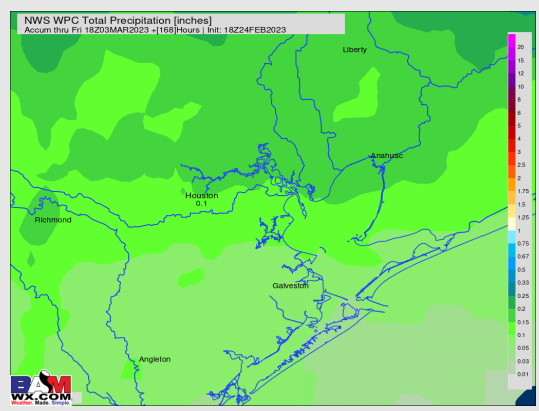
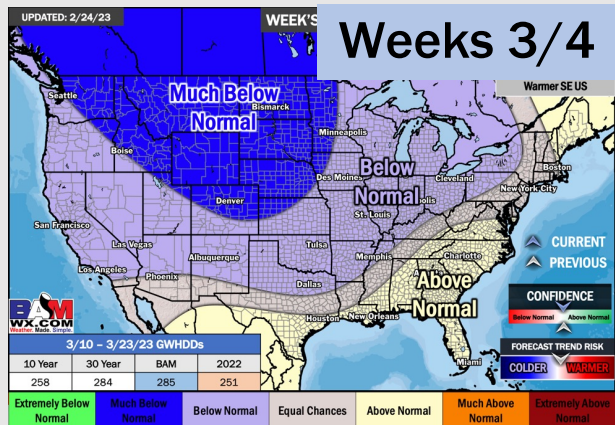
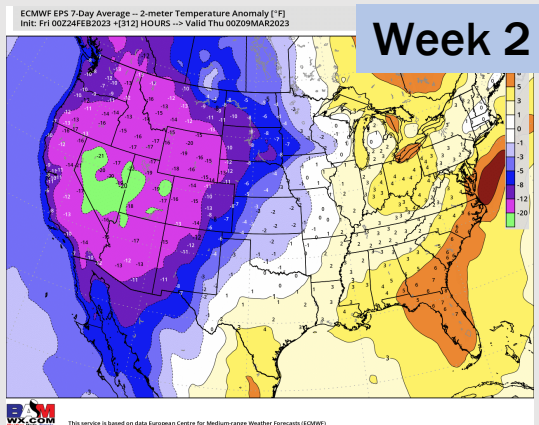
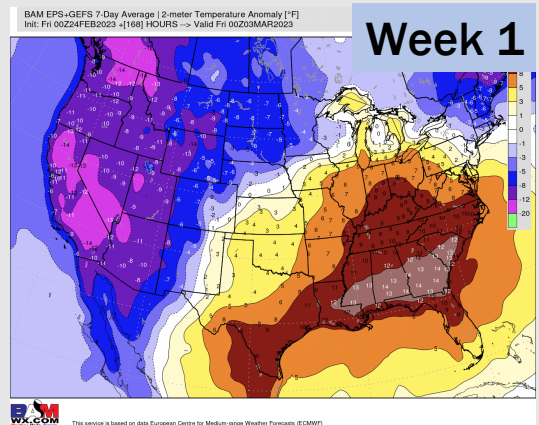


Wind Speed
12 PM CT



High Temps
Wednesday

Houston Pilots: 2/27/23



- Isolated / low end shower chances will be possible the next several days with a front stalled/hanging around the area. Best chances for precip will come Thursday PM/ Friday AM pending the timing of a cold front. Temperatures are expected to be well above average over the next seven days.
- Expecting below normal precipitation chances and above normal temperatures extending into the week 2 timeframe.
- Anticipating equal chances for precipitation and above normal temperatures favored in the week 3/4 timeframe.