

Houston Pilots Forecast Package



Updated: 3:25 PM CT

Tuesday, February 21, 2023

Forecaster: Will Danby

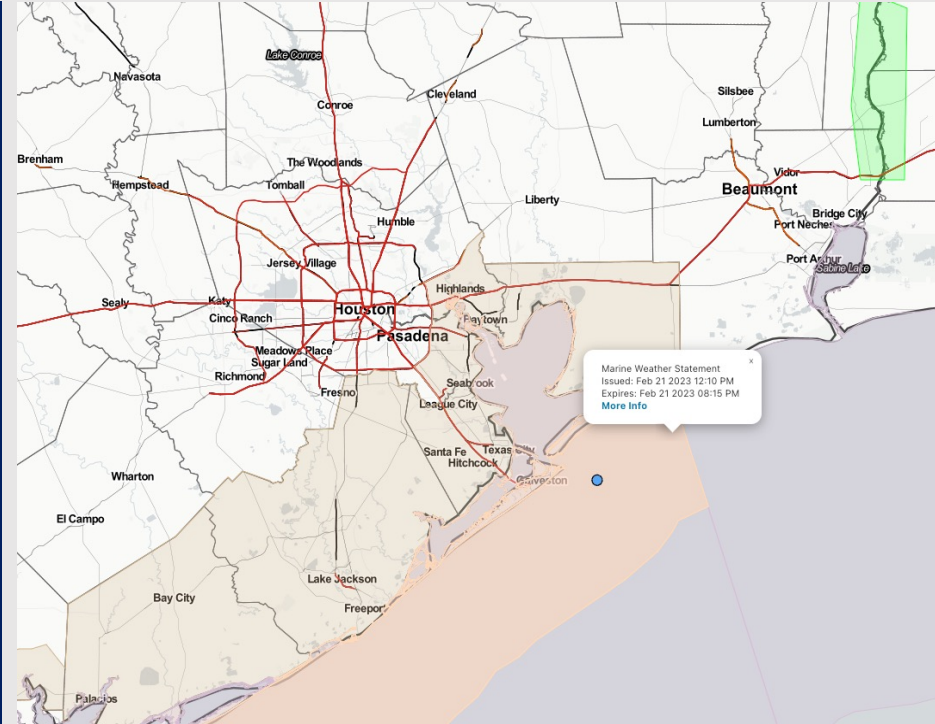
Weather Headlines

➤ **Sea fog is likely to erode slowly across the Boarding Station and 11/12 over the next few hours. Check the visibility slides for updated thoughts on fog.**

➤ **Isolated shower chances on the order of <30% are expected through at least mid-week. This looks like a rather low-end risk.**

➤ **Winds will continue primarily out of the south (with variations to SW) over the coming days. A weak front tries to work in Thursday, but likely struggles to change wind direction. The best chance for elevated winds will come on Wednesday with winds in the 15 - 20 kt range.**

➤ **Wave heights of 5-7 feet will be possible after ~9 AM Wednesday through 6 PM.**



Radar/NWS Alerts: 3:18 PM CT



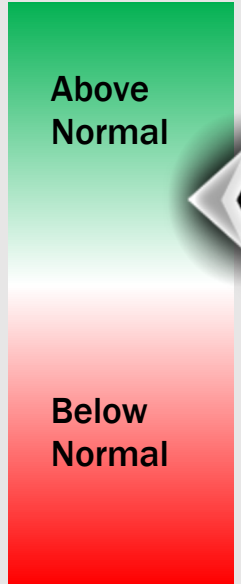
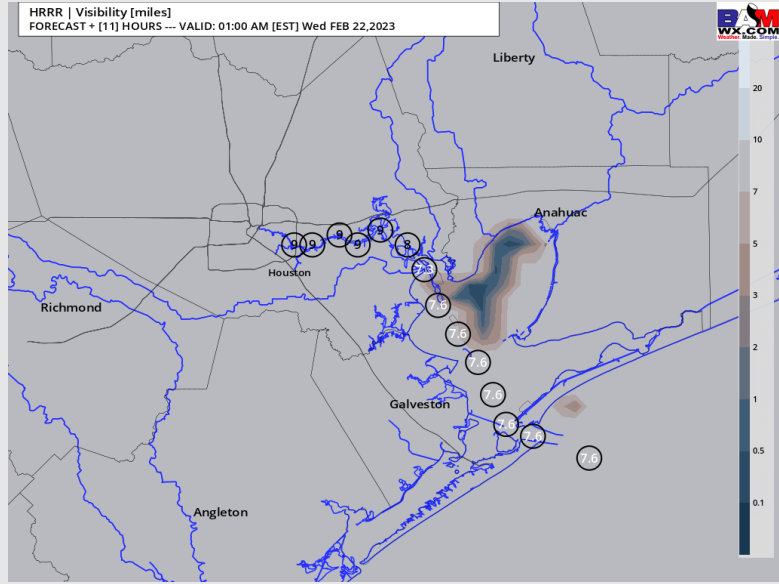
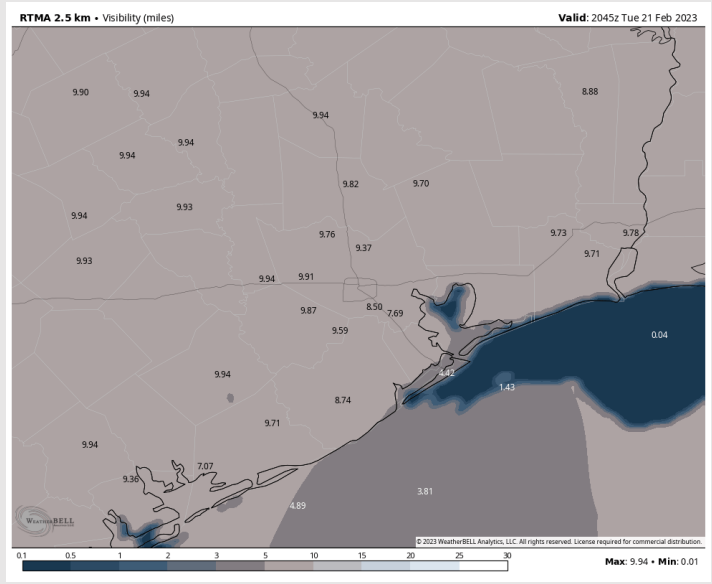
As always, please do not hesitate to reach out to us with any forecast questions via the chat option on the Weather Porthole or our on-call number, **(317)-560-8122** press 1 for forecast questions.

Houston Pilots Visibility Report



RTMA CURRENT VISIBILITY 12 AM CT WED VISIBILITY

Confidence



- Best chances for lowered visibilities to continue over the next 2 -4 hours will be confined to 11/12 and the Boarding Station, with visibilities of ~1 mi - 3 miles likely. Fog across these stations will likely burn off between 5 - 7 PM with the risk of it lingering as late as 9 PM.
- Into the evening hours tonight, fog is not favored as winds will be out of a slightly less favorable direction and they will be slightly elevated, 2 factors going against fog.
- We will certainly watch this window closely, but the call for now is to keep fog out of the forecast for this evening. IF fog were to try to work into the picture, the low-end risk would come between 9 PM - 2 AM around Morgan's Point through 51/52. Visibilities here would be between 3 - 6 miles.
- Fog risks likely work back into the picture Wednesday evening near sundown as weaker winds set in.

TIMEFRAME DISCUSSED	THREAT
CURRENT - 6 AM WED	Low - Medium

Houston Pilots Extended Range Visibility Report



Friday 2/24/23

SSE winds will be possible for Friday, keeping sea fog risks valid yet again.

Saturday 2/25/23

SE winds will be possible for Saturday, allowing for sea fog risks to be valid yet again.



Sunday 2/25/23

S – SE winds will be possible for Sunday, keeping sea fog risks valid once again.

Chance for Reduced Visibility

Friday AM	Possible
Friday PM	Possible
Saturday AM	Possible
Saturday PM	Possible
Sunday AM	Possible
Sunday PM	Possible



Houston Pilots Visibility Report



Refer to the slides above for the official BAM forecast. The chart may is likely not perfect.

Time	Tue 2pm	Tue 3pm	Tue 4pm	Tue 5pm	Tue 6pm	Tue 7pm	Tue 8pm	Tue 9pm	Tue 10pm	Tue 11pm	Wed 12am	Wed 1am	Wed 2am	Wed 3am	Wed 4am	Wed 5am	Wed 6am	Wed 7am	Wed 8am	Wed 9am	Wed 10am	Wed 11am	Wed 12pm	Wed 1pm	Wed 2pm	Wed 3pm	Wed 4pm	Wed 5pm	Wed 6pm	Wed 7pm	Wed 8pm	Wed 9pm	Wed 10pm	Wed 11pm	Thu 12am	Thu 1am	
610 Bridge	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	8	10	10	10	10	10	10	10	10	10	10	10	10	10	7	5	3	0.48
Kinder 1	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	8	10	10	10	10	10	10	10	10	10	10	10	10	10	7	5	3	2
Greens Bayou	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	9	10	10	10	10	10	10	10	10	10	10	10	10	10	7	5	3	4
Shell Crude	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	9	10	10	10	10	10	10	10	10	10	10	10	10	10	7	5	3	6
Lynchburg Ferries	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	9	10	10	10	10	10	10	10	10	10	10	10	10	10	7	5	3	6
Exxon 3	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	9	10	10	10	10	10	10	10	10	10	10	10	10	10	6	4	2	6
Morgans Point	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	9	10	10	10	10	10	10	10	10	10	10	10	10	10	6	4	2	6
75/76	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	8	9	10	10	10	10	10	10	10	10	10	10	10	10	8	6	4	3	6
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Houston Pilots Wind Report



Confidence



Example

Sustained wind 13 Knots
Gusts 18 Knots
Wind from the N

WS: 13
G:18
N

Time Knots	Tue 2pm	Tue 3pm	Tue 4pm	Tue 5pm	Tue 6pm	Tue 7pm	Tue 8pm	Tue 9pm	Tue 10pm	Tue 11pm	Wed 12am	Wed 1am	Wed 2am	Wed 3am	Wed 4am	Wed 5am	Wed 6am	Wed 7am	Wed 8am	Wed 9am	Wed 10am	Wed 11am	Wed 12pm	Wed 1pm	Wed 2pm	Wed 3pm	Wed 4pm	Wed 5pm	Wed 6pm	Wed 7pm	Wed 8pm	Wed 9pm	Wed 10pm	Wed 11pm	Thu 12am	Thu 1am	
610 Bridge	11	13	13	12	11	10	11	9	10	11	11	10	10	12	13	25	23	25	25	24	22	20	18	16	14	12	12	10	10	10	10	10	10	10	9	9	9
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Kinder 1	11	12	13	12	11	10	11	9	10	11	11	11	10	12	13	25	23	24	24	24	22	19	18	16	14	12	12	10	10	10	10	10	10	9	9	9	
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Greens Bayou	11	12	13	12	11	10	11	9	10	11	11	11	10	12	13	24	22	23	24	24	22	19	18	16	14	12	12	10	10	10	9	10	10	9	9	9	
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Shell Crude	11	12	13	12	11	11	11	9	9	11	12	11	11	13	13	24	22	23	23	24	22	19	17	16	14	12	12	11	10	10	10	10	10	9	9	9	
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Exxon 3	10	10	13	12	11	11	10	9	9	10	11	11	10	12	13	22	20	21	23	21	19	17	16	14	13	13	12	12	11	11	10	9	9	8	8		
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Morgans Point	11	11	14	12	11	11	10	9	10	11	11	11	10	12	13	21	19	20	21	22	20	19	17	16	15	14	14	14	14	14	13	12	11	10	9	8	8
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1 & 2 Bravo	6	7	8	12	10	13	14	13	12	13	13	13	14	15	15	20	20	22	22	23	20	20	18	17	16	16	15	14	14	14	13	13	12	12	11	10	
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Houston Pilots: Tue. 2/21/2023



Forecast Discussion

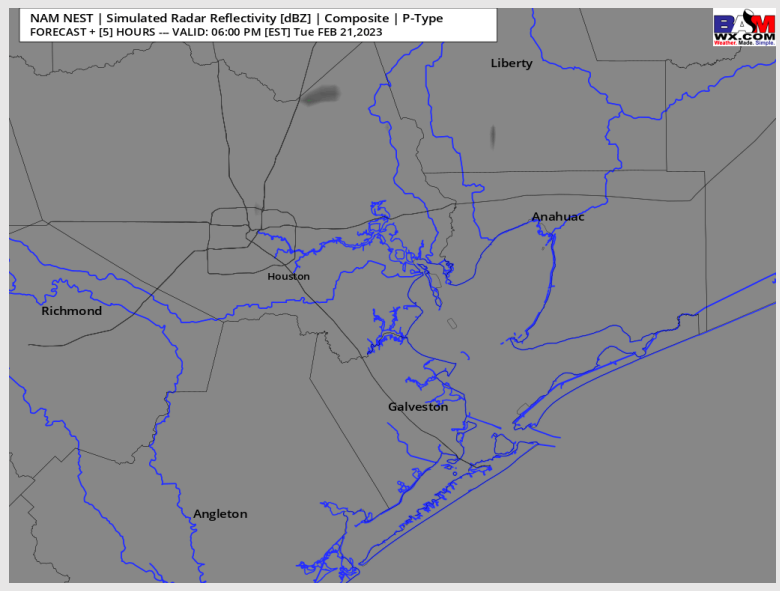
Precip: Anticipating dry conditions for this evening and the overnight hours with a 10% chance for a sprinkle until 5 PM.

Wind: Sustained winds will continue from the south for this evening. Winds will range between 10 - 16 kts across all stations.

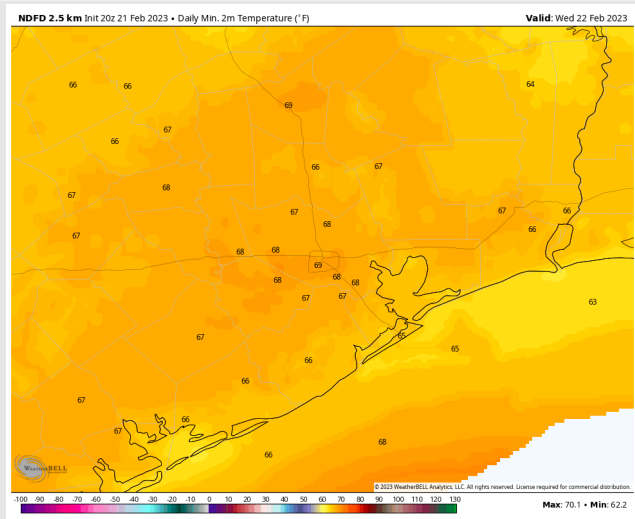
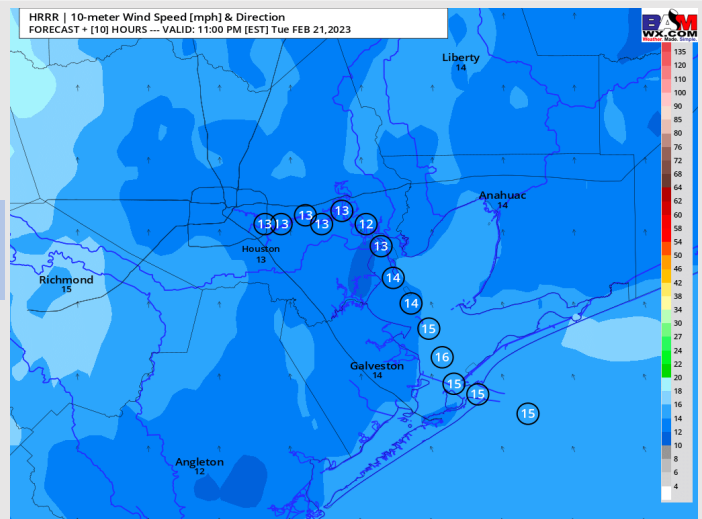
Temps: Low temperatures Wednesday morning will be in the mid to upper 60s F across all stations.

Visibility: Refer to the slides above regarding fog for this evening and into Wednesday AM.

Precip Forecast: 5 PM CT



Wind Speed
10 PM CT



Low Temps
Wed AM

Houston Pilots: Wed. 2/22/2023



Forecast Discussion

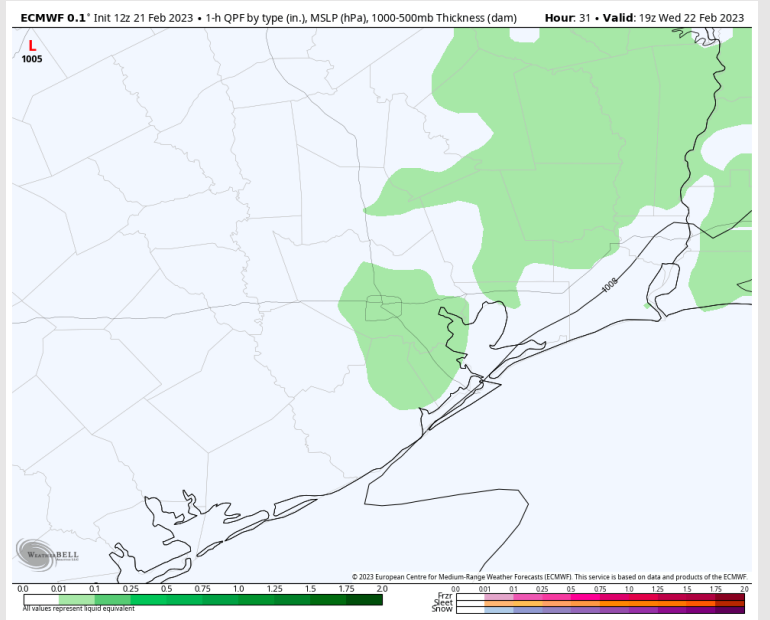
Precip: Anticipating dry conditions Wednesday with 30% chance of a stray passing shower between 12 – 5 PM.

Wind: Sustained southerly winds throughout the day Wednesday. Winds north of Morgan's Point will be at 10 – 14 kts and winds south of Morgan's Point will be at 14 - 19 kts until 9 AM. After 9 AM, winds at all stations will increase to 15 - 20 kts until 3 PM. Post 3 PM Winds will gradually decrease to 8 - 13 kts for all stations and stay that way into the overnight.

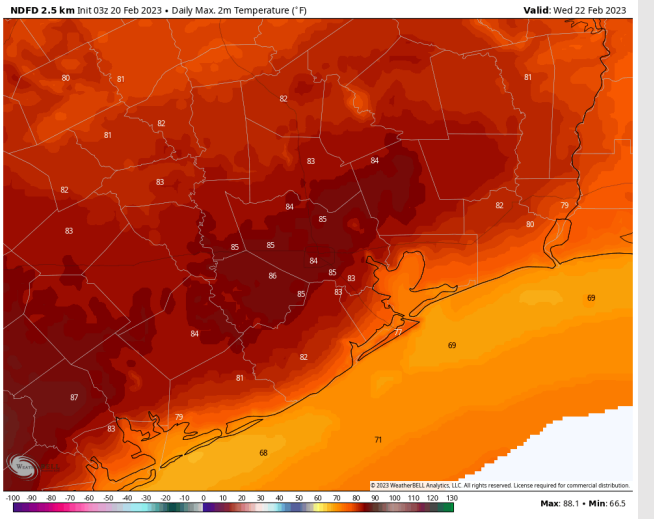
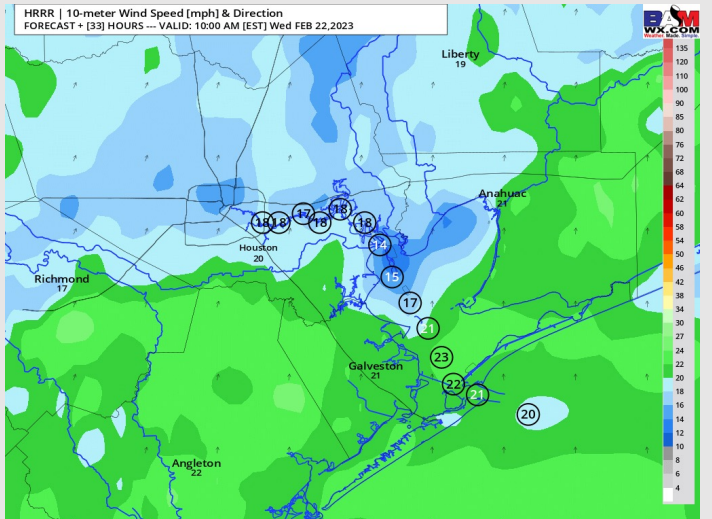
Temps: High temperatures Wednesday will be in the mid to low 80s north of Morgan's Point and in the upper 70s F south of Morgan's Point.

Visibility: Not anticipating sea fog threat due to elevated winds in the AM hours. **Wednesday evening however holds much better potential for fog to work back in.**

Precip Forecast: 1 PM CT



Wind Speed
9 AM CT

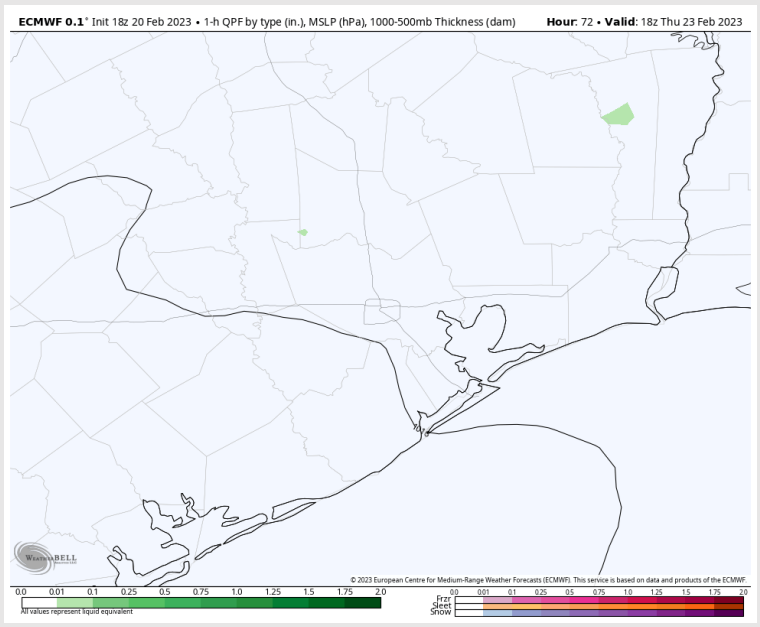


High Temps
Wednesday

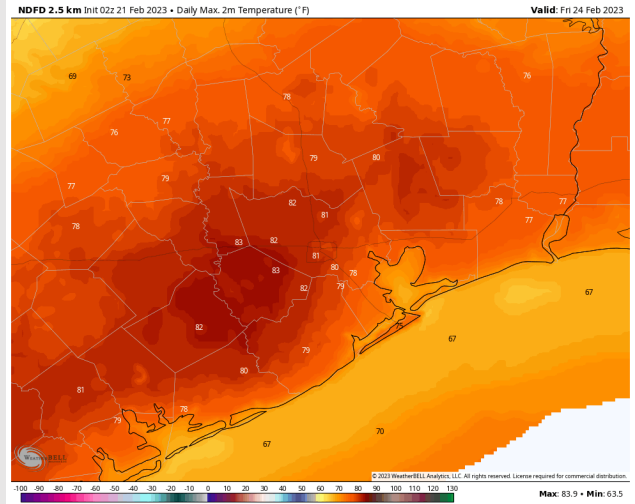
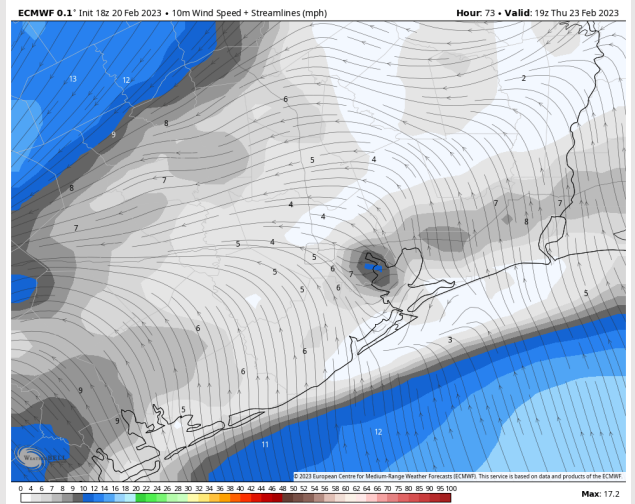
Forecast Discussion

- Precip:** Favoring dry conditions Thursday.
- Wind:** Winds will be S – SE throughout the day. Winds north of Morgan’s Point will be at 5 – 10 kts and winds south of Morgan’s Point will be at 10 – 15 kts until 12 PM. Between 12 – 3 PM, winds become variable for all stations as a weak front moves through the channel from the north. After the weak front moves through, winds return to the original ranges from the AM for the rest of the evening.
- Temps:** High temperatures Thursday will be in the upper 70s north of Morgan’s Point and mid to lower 70s south of Morgan’ Point.
- Visibility:** A bit too far out for specifics, but eying chances of lowered visibilities Thursday PM with winds coming onshore.

Precip Forecast: 4 PM CT

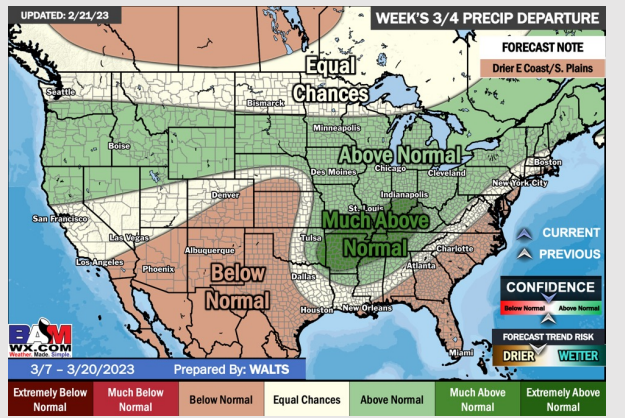
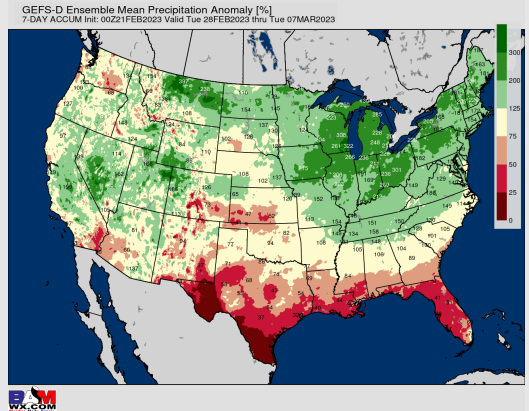
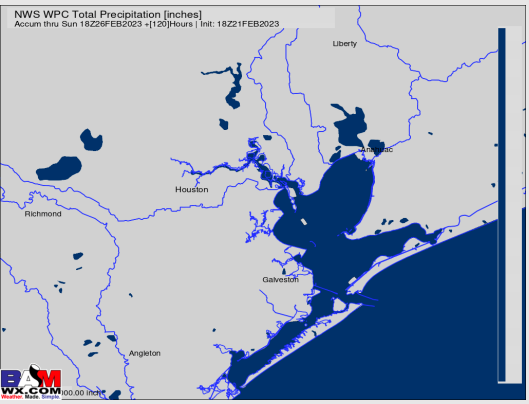
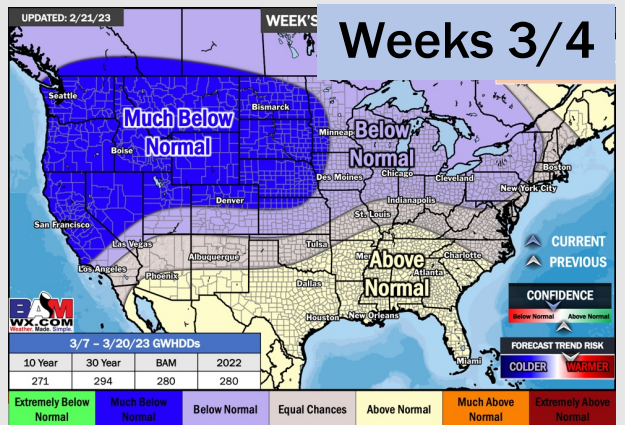
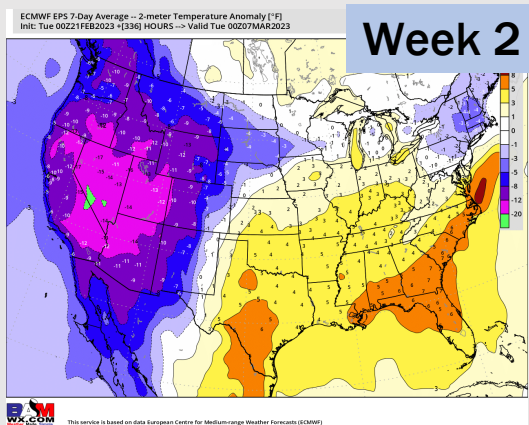
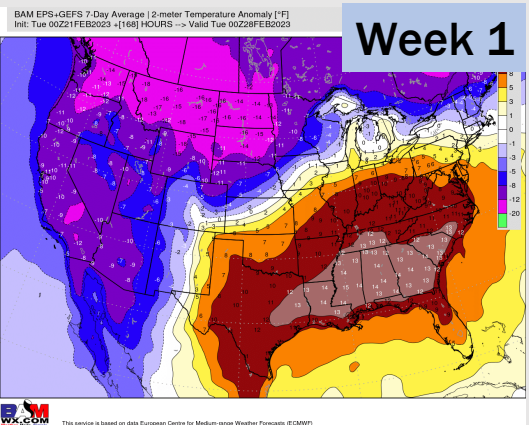


Wind Speed
1 PM CT



High Temp
Thursday

Houston Pilots: 2/21/23



- Daily, isolated rain chances will be around for much of the week. These are low end chances with totals staying rather low. Temperatures are expected to be well above average over the next seven days with much below normal precipitation.
- Expecting below normal precipitation chances and above normal temperatures extending into the week 2 timeframe.
- Below normal chances for precipitation and above normal temperatures favored in the week 3/4 timeframe.