

Houston Pilots Forecast Package



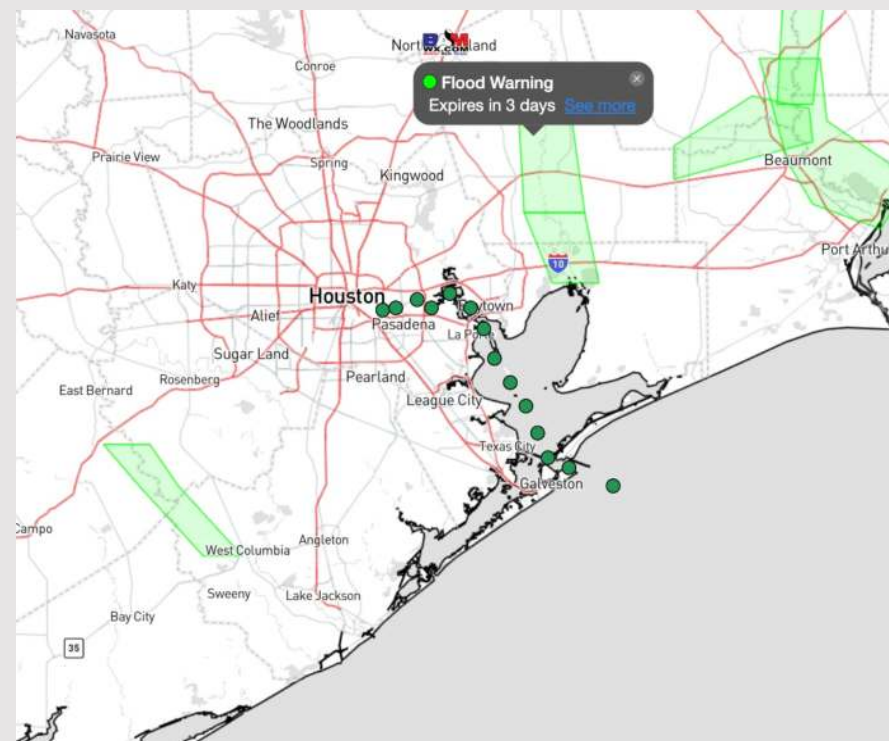
Updated: 1:00 AM CT

Wednesday, January 31, 2024

Forecaster: John Kemper

Weather Headlines

- A dry stretch is in store through at least tomorrow. Watching potential for showers and thunderstorms to start weekend.
- Winds to remain rather calm over the next few days.
- Patchy to widespread fog risks in play over the next few days. **See Visibility Slide for Additional Information**



Radar/NWS Alerts: 12:40 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



Saturday 2/3/24

Patchy fog risks will be possible prior to the arrival of a cold front with storm potential.



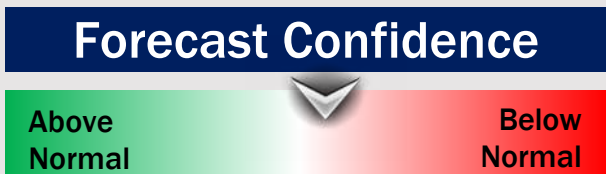
Sunday 2/4/24

Patchy fog can't be ruled out behind the front that works through the area Sat AM / PM, with moisture lingering through Sun AM.



Monday 2/5/24

Not favoring fog concerns at this time.



Chance for Fog

Saturday AM	Possible
Saturday PM	Possible
Sunday AM	Possible
Sunday PM	Unlikely
Monday AM	Unlikely
Monday PM	Unlikely

Houston Pilots Visibility Chart (miles)



Forecast Confidence



Time	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	Thu 2am	Thu 3am	Thu 4am	Thu 5am	Thu 6am	Thu 7am	Thu 8am	Thu 9am	Thu 10am				
610 Bridge	10	10	10	10	10	10	10	10	9	9	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	7	6	6	6	2	1	6	10			
Kinder 1	10	10	10	10	10	10	10	10	9	9	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	7	6	6	6	2	1	6	10			
Greens Bayou	10	10	10	10	10	10	10	10	9	9	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	9	7	6	5	6	0.52	0.24	6	10			
Shell Crude	10	10	10	10	10	10	10	10	9	9	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	9	7	6	3	5	0.52	0.24	6	10		
Lynchburg Ferries	10	10	10	10	10	10	10	10	9	9	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	9	7	6	3	5	0.52	0.24	6	10		
Exxon 3	10	10	10	10	10	10	10	10	9	9	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	8	7	6	3	4	0.52	0.24	6	10
Morgans Point	10	10	10	10	10	10	10	10	9	9	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	9	7	7	5	4	4	0.52	0.24	6	10	
75/76	10	10	10	10	10	10	10	10	9	9	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	9	7	7	5	5	6	3	2	6	10	
63/64	10	10	10	10	10	10	9	10	9	9	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	7	7	7	6	5	6	3	2	6	10
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37/38	10	10	10	10	10	10	10	10	9	6	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	9	9	9	8	7	7	7	5	3	6	10	
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1 & 2 Bravo	10	10	10	10	9	10	10	10	9	6	10	10	10	10	10	10	10	10	10	10	10	10	10	9	9	9	9	9	9	9	9	9	9	7	7	7	7	8	7	8

NOTE: This is automated data that may/may not agree with the official BAM thinking that's found on the daily slides or special visibility report slides. This data should be used as a guide only

Houston Pilots Wind Chart



Forecast Confidence



Example

Sustained wind 13 Knots
Gusts 18 Knots
Wind from the N

WS: 13
G:18
N

Time Knots	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	Thu 2am	Thu 3am	Thu 4am	Thu 5am	Thu 6am	Thu 7am	Thu 8am	Thu 9am	Thu 10am			
610 Bridge	4	4	4	4	4	3	3	3	3	2	3	3	3	3	2	2	2	3	4	4	4	4	4	3	2	3	2	2	2	2	1	1	1	1	2	2	3	4	
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	SW	WSW	WSW	W	W	W	W	W	WNW	WNW	NW	NNW	N	SE	NE	ENE	E	ESE	SE	SE	SSE	SSE	SSE	S	S	S	S	S	SSE	SSE	SE	ESE	ESE	E	ESE	ESE	ESE		
Kinder 1	4	4	4	4	4	3	3	3	3	2	3	3	3	3	2	2	2	3	4	4	4	4	4	3	2	3	2	2	2	1	1	1	1	2	2	3	4		
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	SW	WSW	WSW	W	W	W	W	W	WNW	WNW	NW	NNW	N	ENE	NE	ENE	E	ESE	SE	SE	SSE	SSE	SSE	S	S	S	S	SSE	SSE	SE	ESE	ESE	E	ESE	ESE	ESE			
Greens Bayou	4	4	4	4	4	3	3	3	3	3	3	3	3	3	2	2	2	3	4	4	4	4	4	3	2	2	2	2	2	1	1	1	1	2	2	3	5		
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Shell Crude	4	4	4	4	4	3	3	3	3	3	3	3	3	3	2	2	3	3	4	4	4	4	4	3	2	3	2	2	2	1	1	1	2	2	2	3	5		
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Lynchburg Ferries	4	4	4	4	4	4	3	3	3	3	3	3	4	4	3	2	3	3	4	5	4	4	4	3	3	2	2	2	1	1	1	2	2	2	3	5			
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Exxon 3	4	5	4	4	4	4	4	4	4	4	4	4	4	3	3	3	3	4	4	5	4	4	4	3	3	2	2	2	2	2	2	2	2	2	3	4	5		
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Morgans Point	5	5	5	5	5	5	5	4	4	4	4	4	4	3	3	3	4	5	5	6	5	5	5	4	3	3	2	2	2	2	2	2	2	3	3	4	4	6	
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63/64	7	6	6	6	6	6	5	5	5	6	5	5	4	4	3	3	4	6	7	8	7	6	5	5	4	3	3	2	2	2	2	2	2	3	4	5	6	7	
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25/26	6	6	5	5	5	5	5	4	5	5	5	5	4	4	3	4	4	4	5	4	4	4	3	3	3	2	1	2	1	1	1	2	3	5	5	7			
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11/12	6	6	6	5	5	5	5	5	6	6	6	6	5	4	4	3	4	4	4	4	4	4	4	3	3	3	2	2	2	2	2	3	4	5	6	7			
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1 & 2 Bravo	8	8	8	7	7	7	7	7	7	8	7	7	5	4	3	4	3	4	4	5	5	4	5	4	4	4	4	3	3	3	4	4	6	7	7	8			
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	WSW	WSW	WSW	W	W	W	WNW	WNW	WNW	NW	NNW	NNW	NNW	NW	SW	S	SE	SE	SE	SE	SE	SE	SE	SSE	SSE	SSE	SSE	SSE	SE	ESE	ESE	ESE	ESE						

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Forecast Discussion

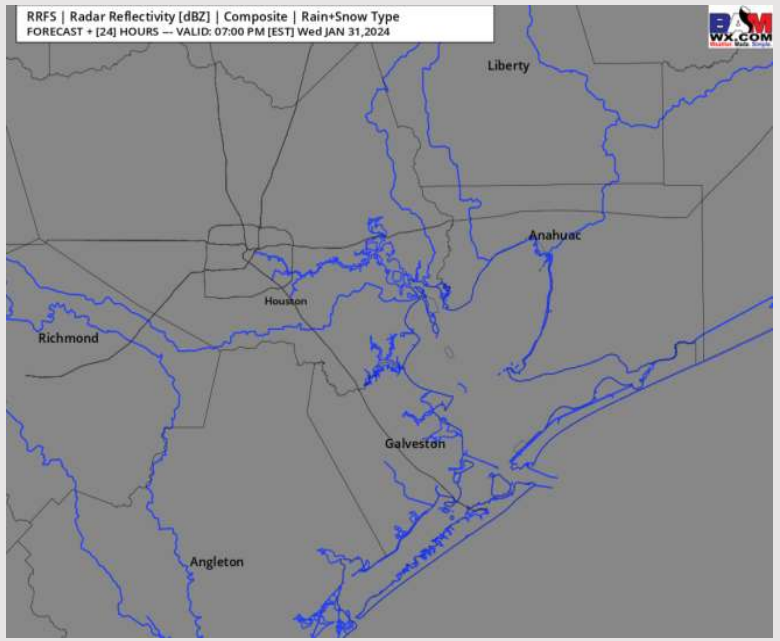
Precip: Favoring dry conditions for today.

Wind: Winds to gradually shift to being out of the WNW by 5AM, NW by 9 AM, then settle out of the SE by 5 PM. **N Morgan's Point:** 3-8 kts the entire day. **S of Morgan's Point:** Winds will be at 7-12 kts through ~9 AM before decreasing to 3-8 kts the rest of the day. (Winds at the Boarding Station can linger ~10-12 kts through 2 PM)

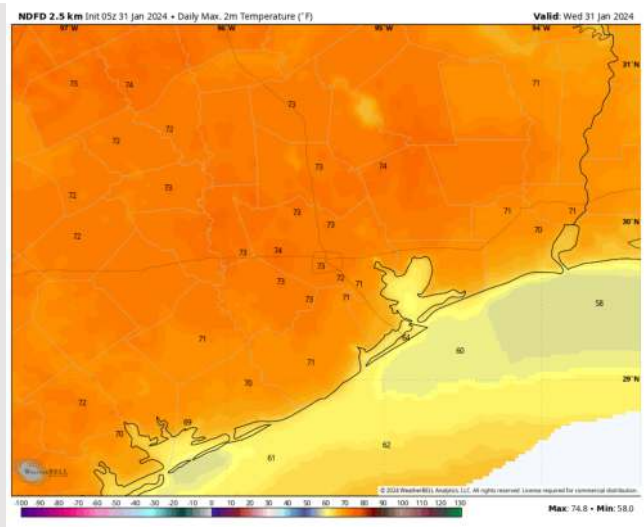
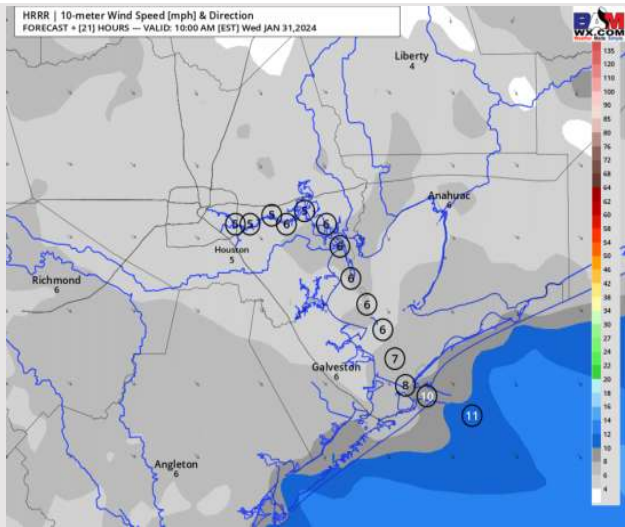
High Temps: **N of Morgan's Point:** Upper 60s/Lower 70s F. **S of Morgan's Point:** Upper 50s/Near 60 F.

Visibility: Low-End Patchy fog risks to remain southwest for this AM. Not favoring additional fog concerns to work into the area until after 12AM Thursday. **See Visibility Slide for Additional Thoughts**

Precip Image: 6 PM CT



Wind Speed:
9 AM CT



High Temps
Today

Houston Pilots: Thu. 2/1/2024



Forecast Discussion

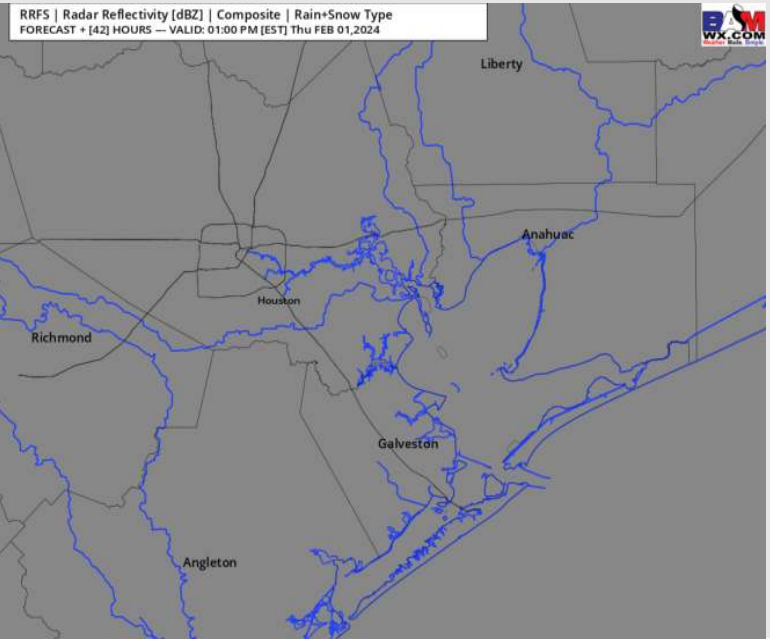
Precip: Dry conditions favored for Thursday. Watching risk for late PM drizzle, but confidence remains low.

Wind: Winds out of the SE the entire day THU. **N of Morgan's Point:** 3-8 kts the entire day. **S of Morgan's Point:** 3-8 kts through 11 AM before a slight increase to 7-12kts the rest of the day.

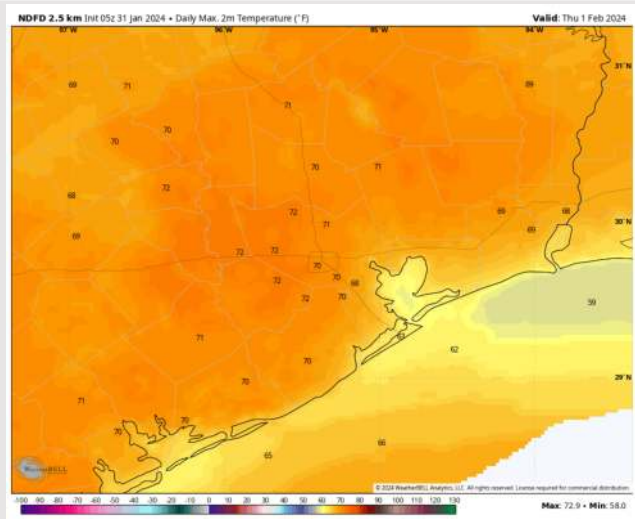
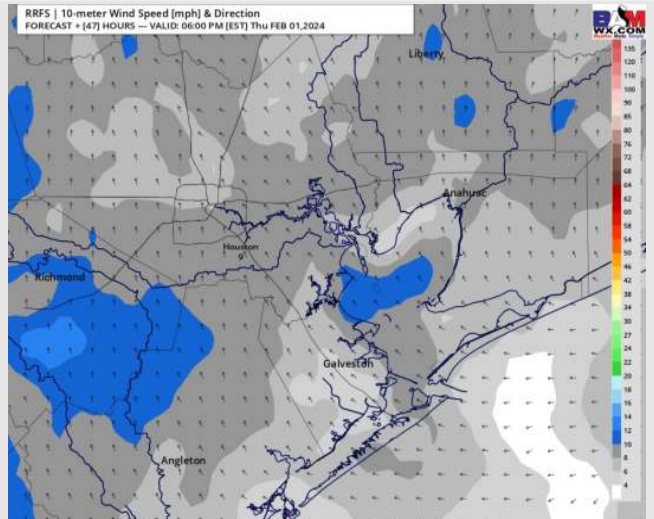
High Temps: **N of Morgan's Point:** High 60s to lower 70s F. **S of Morgan's Point:** Low 60s F

Visibility: Confidence increasing for patchy to widespread fog concerns for all stations during the AM Hours. **See Visibility Slide for Preliminary Thoughts**

Precip Image: 12 PM CT



Wind Speed:
6 PM CT



High Temps
Thursday

Houston Pilots: Fri. 2/2/2024



Forecast Discussion

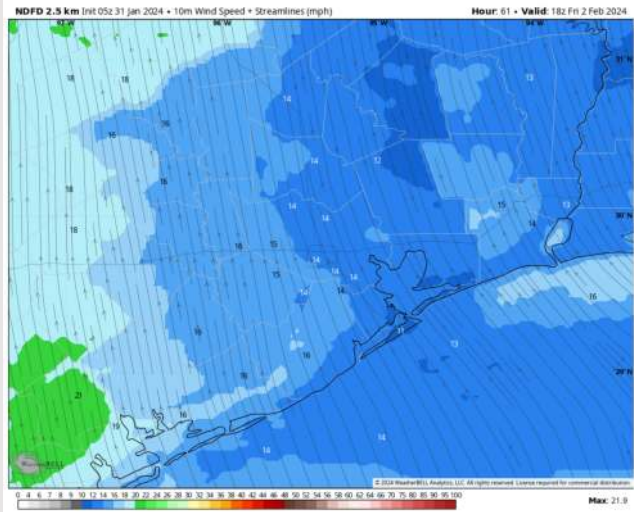
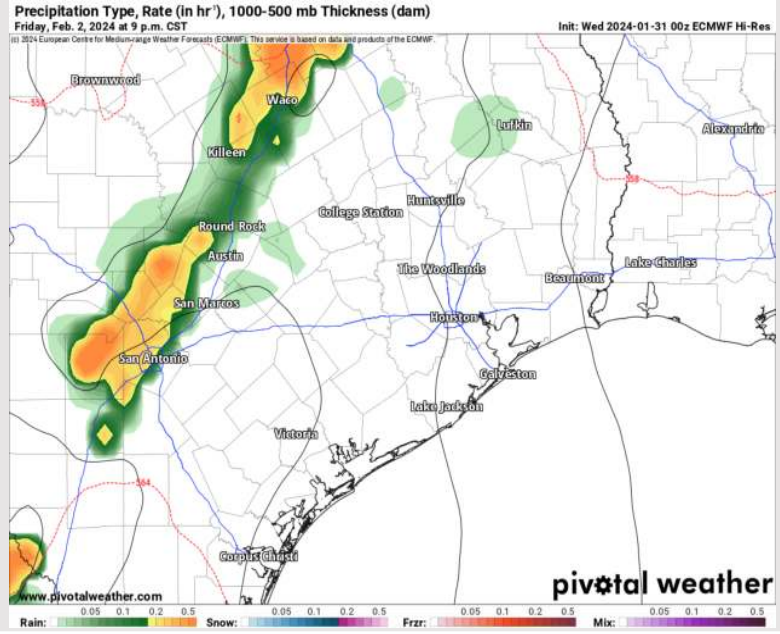
Precip: Dry conditions favored for Friday, as potential storms associated with front expected to arrive early Saturday AM. Let's keep an eye on earlier trends.

Wind: Winds will remain out of the southeast for the entire day. **N Morgan's Point:** Will start the day at 3 – 7 kts before increasing to 6 – 11 kts after 12PM for the remainder of the day. **S of Morgan's Point:** 8 – 14 kts for the entire day.

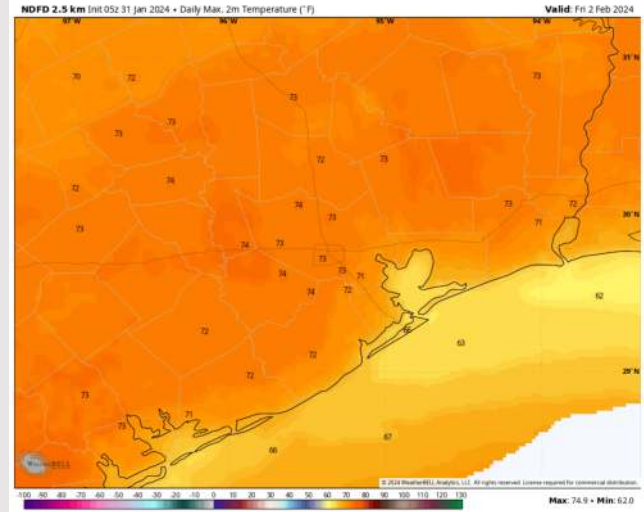
High Temps: **N of Morgan's Point:** Lower 70s F **S of Morgan's Point:** Low to Mid 60s F .

Visibility: Lower confidence on timing and coverage, but given southeasterly winds, periods of at least patchy fog will be favored.

Precip Image: 9 PM CT



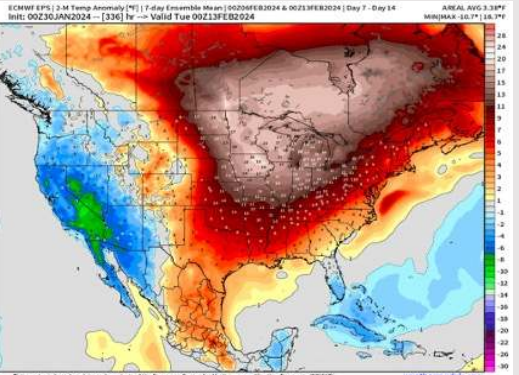
Wind Speed:
12 PM CT



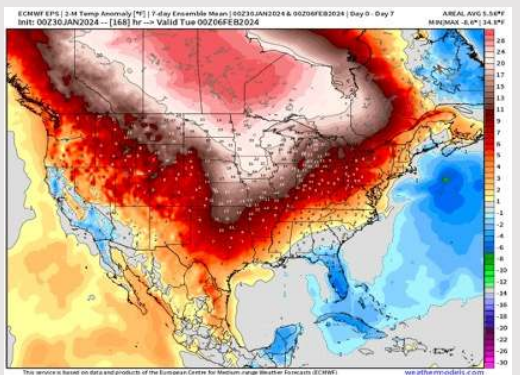
High Temps
Friday

Houston Pilots: 1/31/24

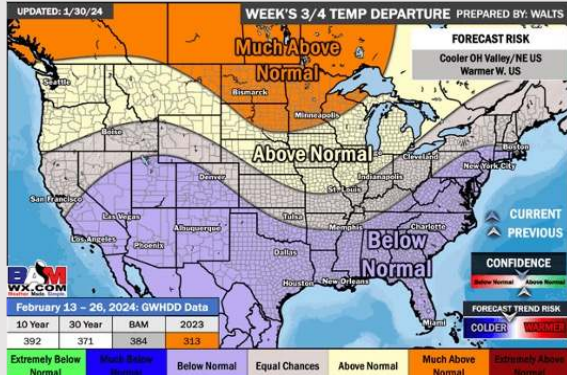
Next 7 Day Temperature Departure



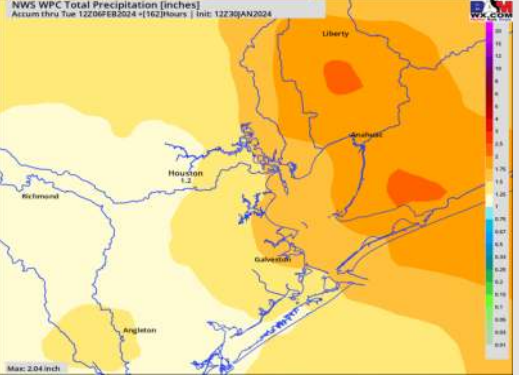
8-14 Day Temperature Departure



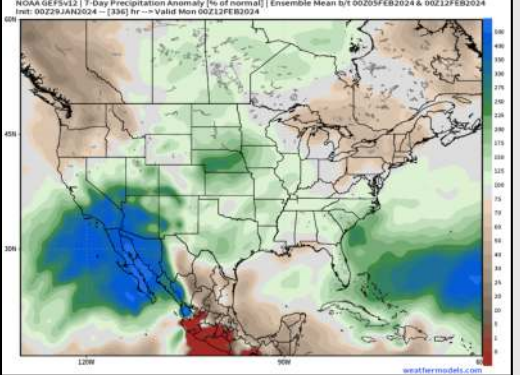
15-30 Day Temperature Departure



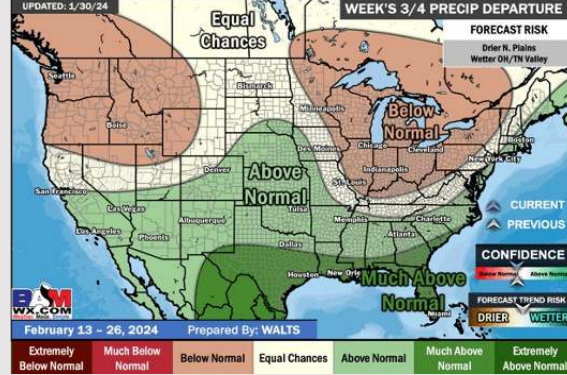
Next 7 Day Total Precipitation



8-14 Day % of Average Precip.



15-30 Day % of Average Precip.



- Drier conditions will continue through roughly Thursday AM before drizzle can press into the area during the afternoon. The best chances for accumulation looks to enter on Saturday. Above normal temperatures favored for the week ahead.
- Above normal precipitation chances are at play during the week 2 timeframe. Temps expected to be above normal as well.
- Below normal temperatures and much above normal chances for precipitation are favored in the weeks 3/4 timeframe.