

Houston Pilots Forecast Package



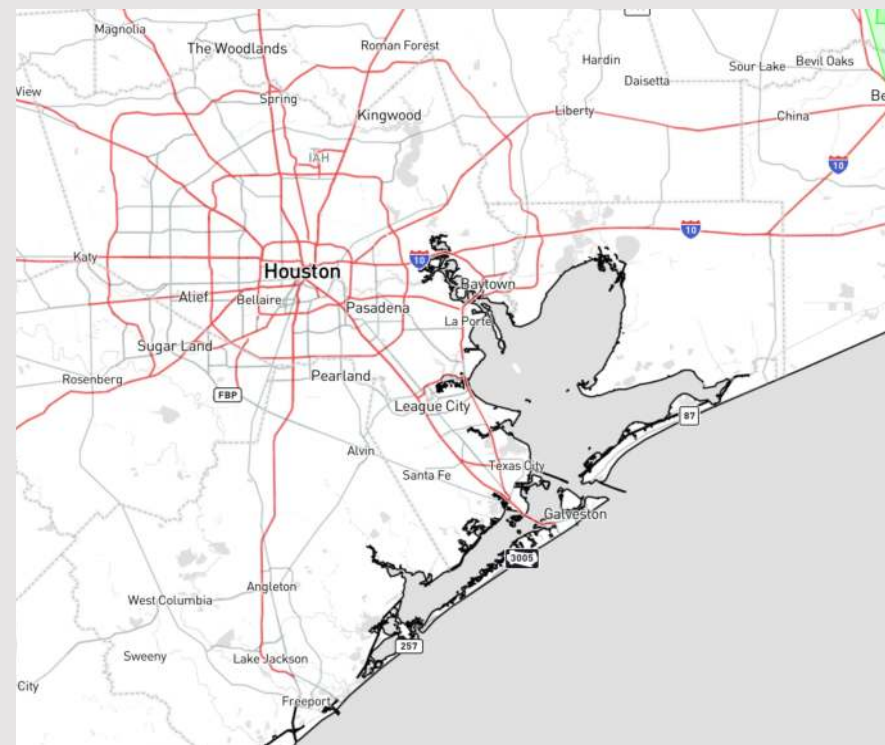
Updated: 1:15 AM CT

Wednesday, February 7, 2024

Forecaster: John Kemper

Weather Headlines

- Watching for a low-end patchy fog risk for this AM. **See Visibility Report slide for latest thoughts.**
- Patchy fog risks in play for Thursday AM in addition to drizzle chances.
- Light gusts of 20 - 25 mph will remain in the forecast through the end of the week.



Radar/NWS Alerts: 12:55 AM CT

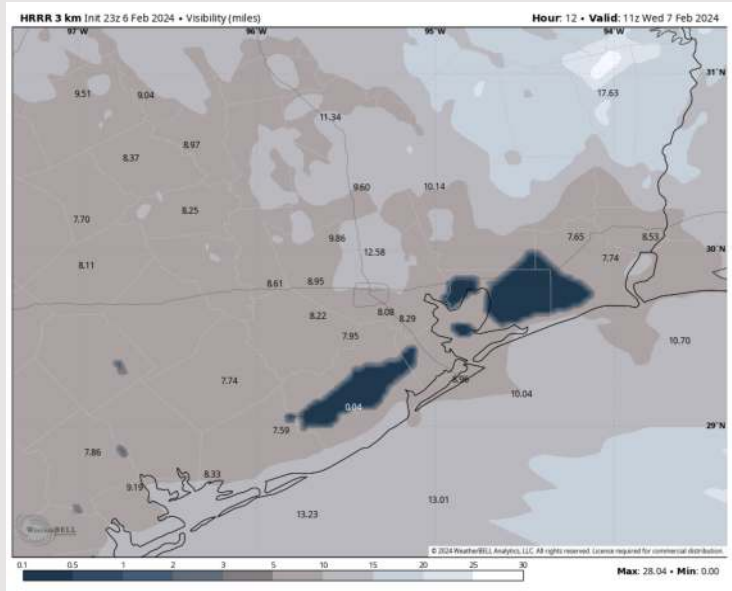


As always, please do not hesitate to reach out to us with any forecast questions via the chat option on Clarity or our on-call number, **(317)-560-8122** press 1 for forecast questions.

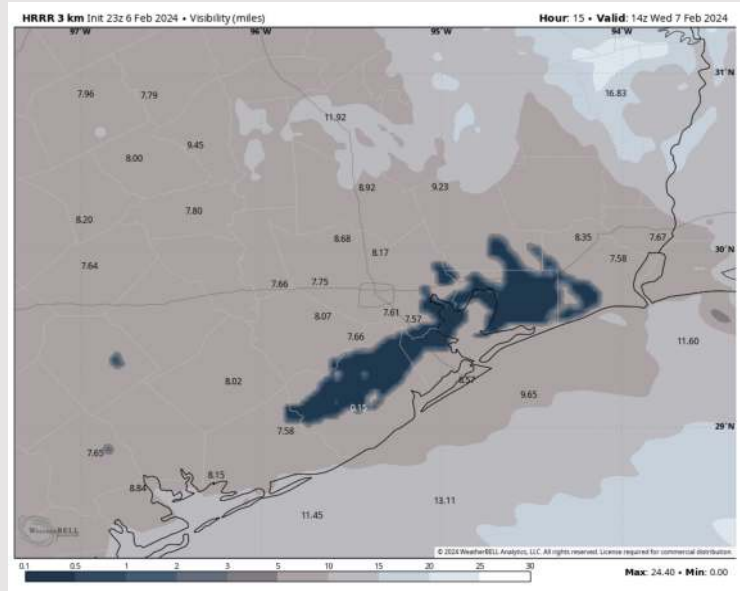
Houston Pilots Visibility Report



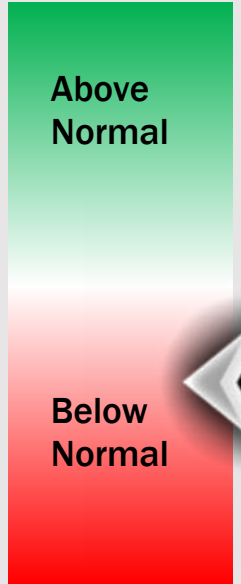
5 AM CT WED VISIBILITY



8 AM CT WED VISIBILITY



Confidence



TIMEFRAME DISCUSSED	THREAT
4 AM CT - 10 AM CT WED	Low

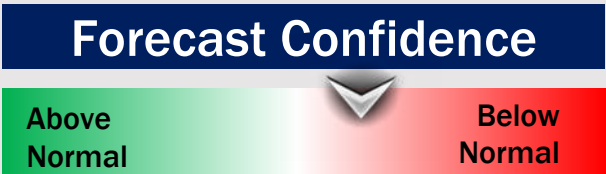
- Watching for a low-end patchy fog risk Wednesday morning between 4 – 10 AM-CT.
- This patchy risk is favored to begin just N of Stations 11/12 where it will then gradually creep northward., over the Bay area and towards stations N of 51/52. Current cloud cover helping to limit fog coverage / delay start time continues to keep this a low-end threat, with lower confidence on exact start time.
- Stations north of 51/52 will be at the greatest risk for visibility reduced to 1 - 3 miles. Cannot completely rule out the risk of isolated instances of visibility being reduced to 1 mile or less. Confidence for this risk is low however given the patchier nature of fog.
- Anticipating any fog in the bay area and near stations to burn off by 10:00 AM-CT, improving visibility for all stations to above 7 miles.

Houston Pilots Extended Range Visibility Report



Saturday 2/10/24

Calm winds remaining out of the SE once again provide favorable conditions for widespread fog, though more light showers can help to mix some of this threat away.



Sunday 2/11/24

As a front passes through SUN AM, moderate to at times heavy rain will be able to create reduced visibilities along with patchy fog mixed in towards the coast.



Monday 2/12/24

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	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
610 Bridge	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	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	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	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	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	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	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	10	10
75/76	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	9	9	9	9	9	9	9
63/64	10	10	10	10	10	10	10	9	10	10	10	10	10	10	10	10	9	9	9	9	9	9	9	
51/52	10	10	10	10	10	10	10	9	10	10	10	10	10	10	9	9	9	9	9	9	9	9	9	
37/38	10	10	10	10	10	10	10	9	10	10	10	10	10	10	9	9	9	9	9	9	9	9	9	
25/26	10	10	10	10	10	10	10	9	10	10	10	10	10	10	9	9	9	9	9	9	9	9	9	
11/12	10	10	10	10	10	10	10	10	10	10	10	10	10	10	9	9	9	9	9	9	9	9	9	
1 & 2 Bravo	10	10	10	10	10	10	10	10	10	10	10	10	10	10	9	9	9	9	9	9	9	9	9	

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	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
610 Bridge	2 4 SSW	2 4 SE	2 4 SE	2 3 SE	3 4 ESE	3 4 ESE	3 6 E	4 7 E	5 11 ESE	7 13 SE	9 16 SE	9 20 SSE	10 21 SSE	10 21 SSE	11 21 SSE	11 21 SSE	10 21 SSE	10 20 SE	9 19 SE	9 19 SE	9 18 SE	9 19 SSE	9 20 SSE	9 18 SSE
Kinder 1	2 4 S	2 4 SE	1 4 SE	2 3 SE	3 4 ESE	3 4 ESE	3 6 E	4 7 E	5 11 ESE	7 13 SE	9 16 SE	9 20 SSE	10 21 SSE	10 21 SSE	11 21 SSE	11 21 SSE	10 21 SSE	10 20 SE	9 19 SE	9 19 SE	9 18 SE	9 19 SSE	9 20 SSE	9 18 SSE
Greens Bayou	2 4 S	2 4 ESE	2 4 SE	2 3 ESE	2 4 ESE	3 4 E	3 6 E	4 8 E	5 11 ESE	7 13 SE	9 16 SE	10 19 SSE	10 20 SSE	10 20 SSE	10 20 SE	11 21 SE	10 21 SE	9 20 SE	9 19 SE	9 19 SE	9 17 SE	9 18 SE	9 19 SSE	9 18 SSE
Shell Crude	2 4 S	2 4 SE	2 4 ESE	2 3 ESE	3 4 ESE	3 4 E	3 7 E	4 8 E	5 12 ESE	7 14 SE	9 16 SE	9 19 SSE	10 20 SSE	10 20 SSE	10 20 SE	10 21 SE	10 21 SE	9 19 SE	9 19 SE	9 18 SE	9 18 SE	9 18 SE	9 17 SSE	9 19 SSE
Lynchburg Ferries	2 4 SE	2 4 ESE	2 4 ESE	1 4 SE	2 4 ESE	3 4 E	3 6 E	4 8 E	5 11 ESE	7 14 SE	9 16 SE	10 19 SSE	10 20 SSE	11 21 SSE	11 21 SSE	11 21 SE	10 20 SE	9 18 SE	9 19 SE	9 20 SE	9 19 SE	9 18 SE	9 18 SSE	9 17 SSE
Exxon 3	2 4 SE	2 4 SE	2 4 ESE	3 4 ESE	4 5 ESE	4 5 E	5 7 E	5 9 ESE	6 12 ESE	7 15 SE	9 17 SE	11 19 SSE	11 21 SSE	11 21 SSE	12 21 SE	12 21 SE	13 21 SE	13 19 SE	13 20 SE	13 20 SE	13 21 SE	13 20 SSE	13 20 SSE	13 19 SSE
Morgans Point	2 4 SSE	1 3 SE	2 4 ESE	2 4 ESE	3 4 ESE	4 5 E	5 7 E	5 9 ESE	6 12 ESE	7 14 SE	9 16 SE	10 19 SSE	11 19 SSE	11 20 SSE	11 20 SE	12 20 SE	12 19 SE	12 18 SE	13 18 SE	13 19 SE	13 19 SE	13 18 SE	12 18 SSE	12 18 SSE
75/76	2 SSE	1 SE	2 ESE	3 ESE	5 ESE	6 E	7 E	9 ESE	9 ESE	10 ESE	10 SE	11 SE	12 SE	13 SE	14 SE	15 SE	15 SE	16 SE	16 SE	17 SE	17 SE	18 SE	18 SSE	19 SSE
63/64	2 SSE	1 SE	1 SE	3 ESE	4 ESE	5 E	8 E	10 ESE	13 ESE	13 ESE	14 ESE	17 SE	18 SE	19 SE	20 SE	21 SE	21 SE	21 SE	21 SE	21 SE	21 SE	21 SE	20 SSE	20 SSE
51/52	1 SSE	1 SE	3 SE	2 ESE	3 ESE	4 E	7 E	9 ESE	12 ESE	13 ESE	15 SE	17 SE	18 SE	19 SE	19 SE	18 SE	18 SE	19 SE	19 SE	19 SE	19 SE	19 SE	19 SSE	18 SSE
37/38	1 SSE	1 SE	3 SE	2 ESE	3 ESE	4 E	7 E	9 ESE	12 ESE	13 ESE	15 SE	17 SE	18 SE	18 SE	18 SE	18 SE	17 SE	18 SE	18 SE	18 SE	18 SE	18 SE	18 SSE	17 SSE
25/26	2 SSE	1 SE	1 SE	3 ESE	4 ESE	5 E	10 E	12 ESE	13 ESE	15 SE	16 SE	17 SE	18 SE	18 SE	17 SE	16 SE	16 SE	16 SE	16 SE	16 SE	16 SE	17 SE	18 SSE	16 SSE
11/12	2 S	0 SE	0 SE	2 ESE	3 ESE	4 E	6 E	7 ESE	8 ESE	9 ESE	10 SE	10 SE	10 SE	10 SE	10 SE	9 SE	9 SE	10 SE	10 SE	10 SE	10 SE	9 SSE	9 SSE	
1 & 2 Bravo	4 SSE	3 SE	3 SE	3 ESE	5 ESE	7 ESE	8 ESE	9 ESE	9 ESE	9 ESE	9 SE	9 SE	9 SE	10 SE	10 SE	11 SE	11 SE	11 SE	13 SE	13 SE	13 SE	13 SE	13 SSE	13 SSE

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Forecast Discussion

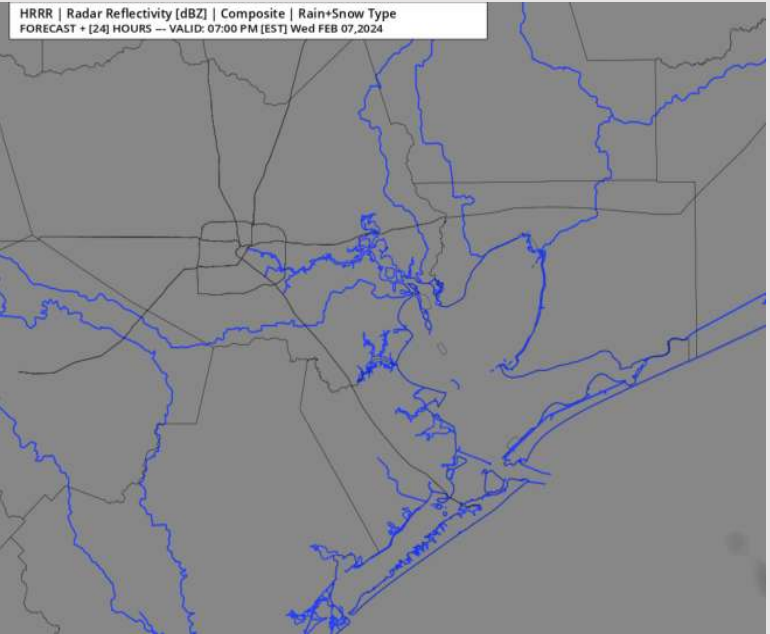
Precip: Dry conditions favored for today.

Wind: Winds out of the SE throughout today. **N of Morgan's Point:** Winds at 3-8 kts through 12 PM, increasing to 7-12 kts after that time and remaining at this intensity for the remainder of the day. **S of Morgan's Point:** 4-9 kts through 8 AM, increasing to 7-12 kts after that time through 4PM. After 4PM, winds of 10 -15 kts will be possible through the evening. **Gusts of 20-25 kts will be possible at all stations after 12 PM.**

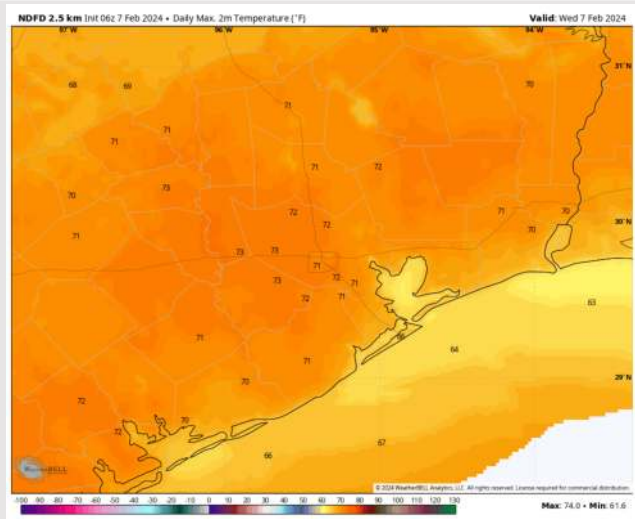
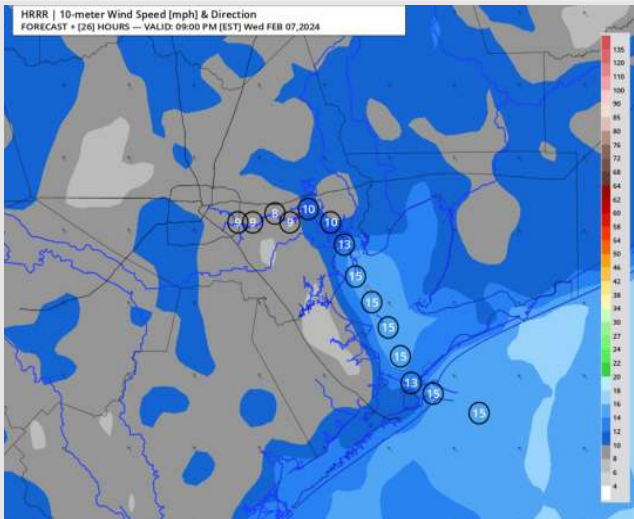
High Temps: **N of Morgan's Point:** Low 70 F. **S of Morgan's Point:** Mid-Low 60s F

Visibility: Watching for a low end patch fog risk Wed AM. See visibility slide for more details.

Precip Image: 6 PM CT



Wind Speed:
8 PM CT



High Temps
Today

Forecast Discussion

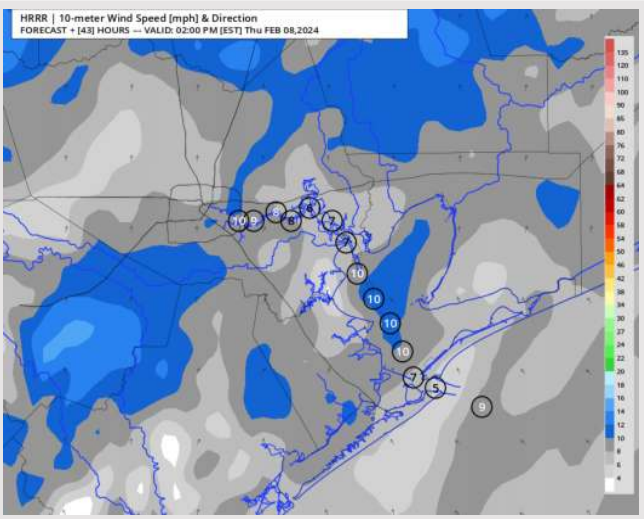
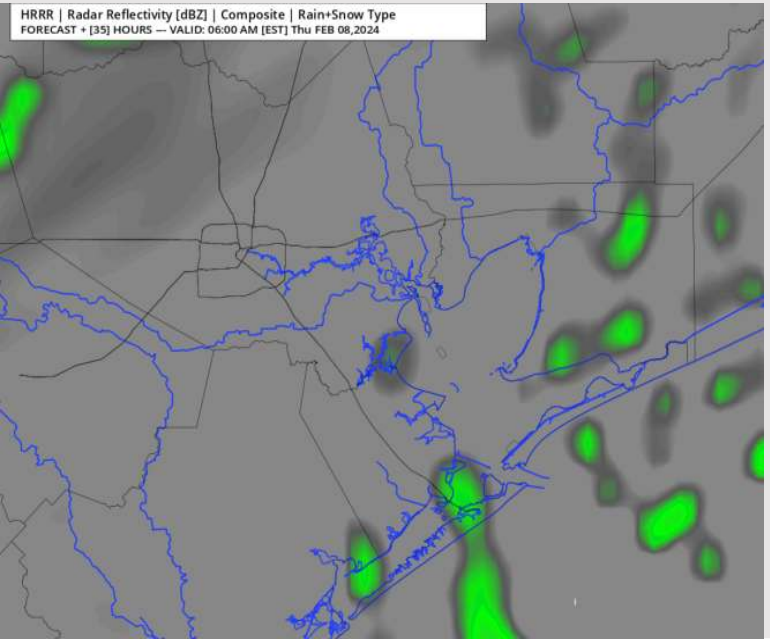
Precip: Favoring dry conditions through ~5 AM before light hit/miss activity works into the area through ~8 PM. Dry conditions favored for the remainder of the evening.

Wind: Winds out of the S/SE will transition to being out of the S by 7 AM on THU. **N Morgan's Point:** Winds decrease to 3-8 kts by 5 AM and remain there through 1 PM. Winds then increase to 9-14 kts through 8 PM before decreasing to 4-9 kts the rest of the day. **S of Morgan's Point:** Winds decrease to 9-14 kts by 6 AM and continue there the rest of the day. **Gusts of up to 20 kts will be possible at all stations through 6 AM and N of Morgan's Point again from 12-5 PM. Trending weaker with gusts currently, monitoring for changes.**

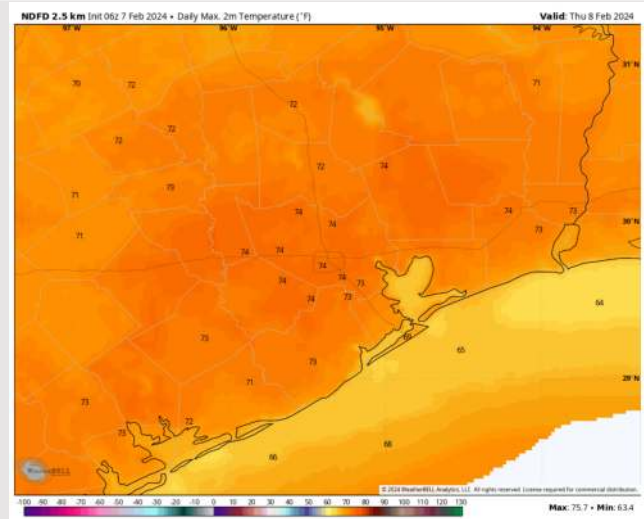
High Temps: **N of Morgan's Point:** Mid 70s F **S of Morgan's Point:** Mid 60s F.

Visibility: Patchy fog risk beginning during the morning hours and continuing through early afternoon. Fog risks will be mixed with drizzle / light rain.

Precip Image: 5 AM CT



Wind Speed:
1 PM CT



High Temps
Thursday

Houston Pilots: Fri. 2/9/2024



Forecast Discussion

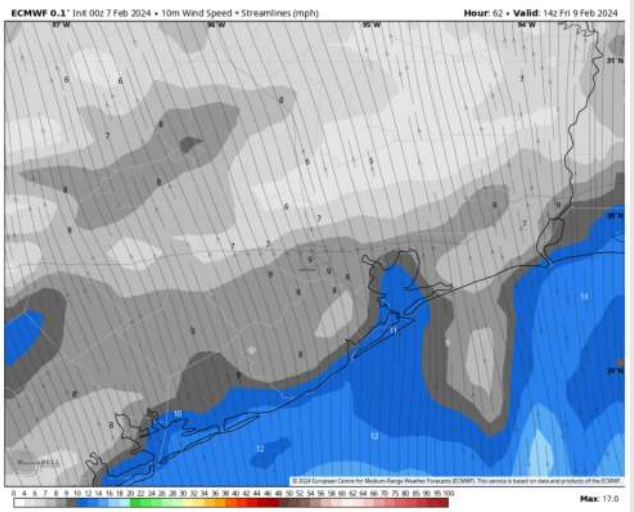
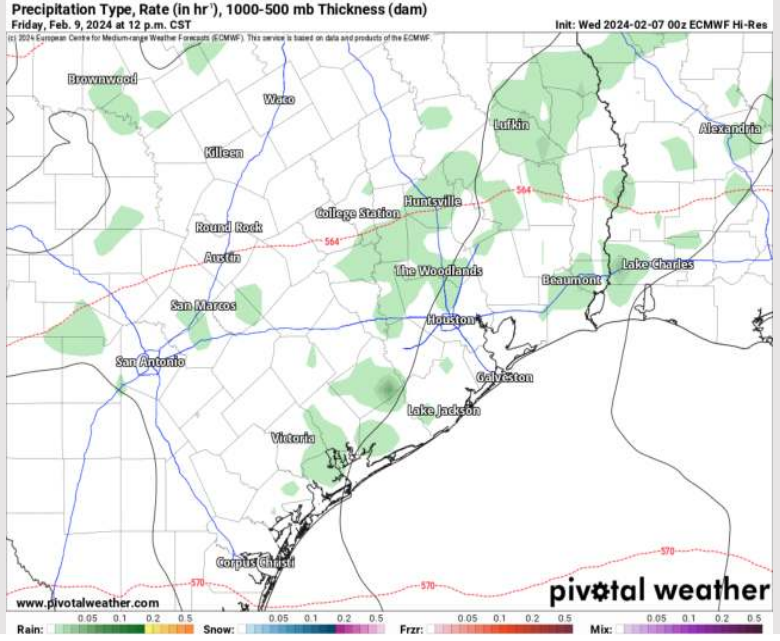
Precip: Favoring drizzle / light showers to begin to work into the region after 9AM and continue to be possible (40%) for the remainder of the day.

Wind: Winds will remain out of the S / SE. **N Morgan's Point:** Winds to begin at 3 - 8 kts through 11AM before increasing to 7 - 11 kts for the rest of the day. **S of Morgan's Point:** Winds at 10 -15 kts for the entire day. **Gusts of 20 - 25 MPH possible for all stations (greatest risk N of 51/52) during the AM hours through 4PM.**

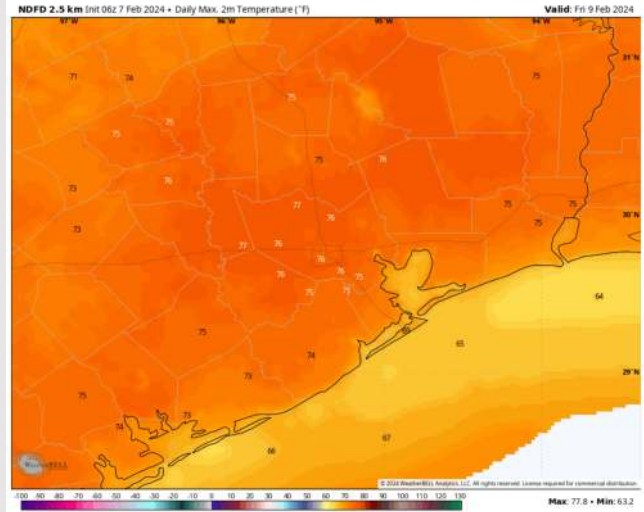
High Temps: **N of Morgan's Point:** Mid 70s F. **S of Morgan's Point:** Mid 60s.

Visibility: Calm winds out of the SE could allow for favorable sea fog conditions by FRI late afternoon, however shower risks could help to keep this a patchier risk.

Precip Image: 12 PM CT



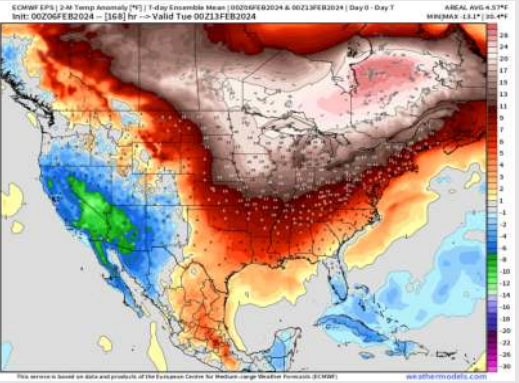
Wind Speed:
8 AM CT



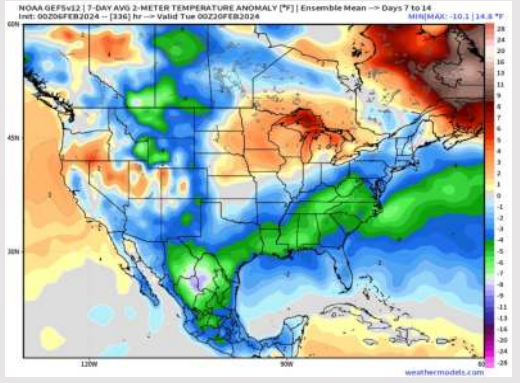
High Temps
Friday

Houston Pilots: 2/7/24

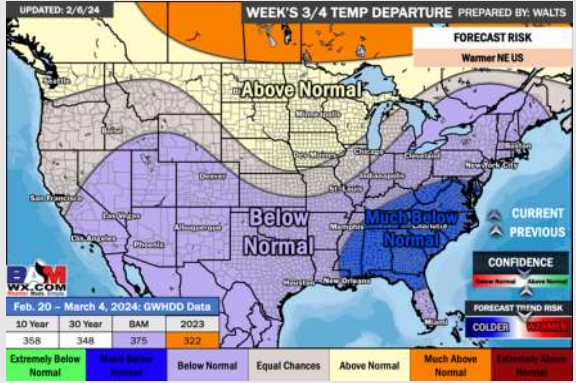
Next 7 Day Temperature Departure



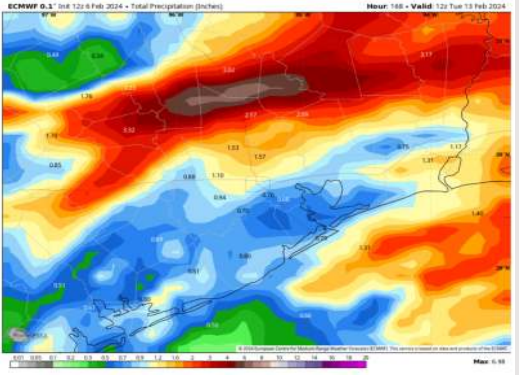
8-14 Day Temperature Departure



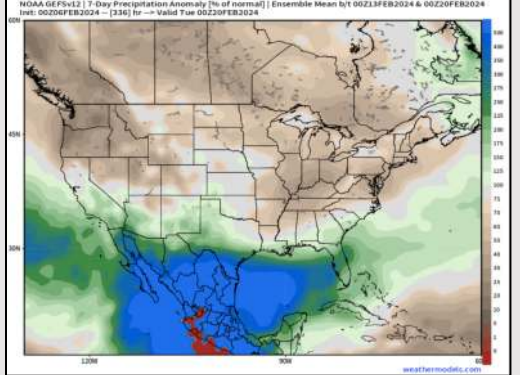
15-30 Day Temperature Departure



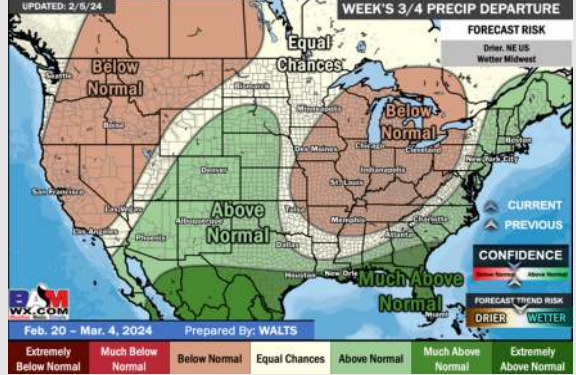
Next 7 Day Total Precipitation



8-14 Day % of Average Precip.



15-30 Day % of Average Precip.



- A weak front will try to press through starting on THU. Following this front will be a more active weekend. Above normal temperatures favored for the week ahead.
- Above normal precipitation chances are at play during the week 2 timeframe. Temps expected to be below normal.
- Below normal temperatures and much above normal chances for precipitation are favored in the weeks 3/4 timeframe.