

Houston Pilots Forecast Package



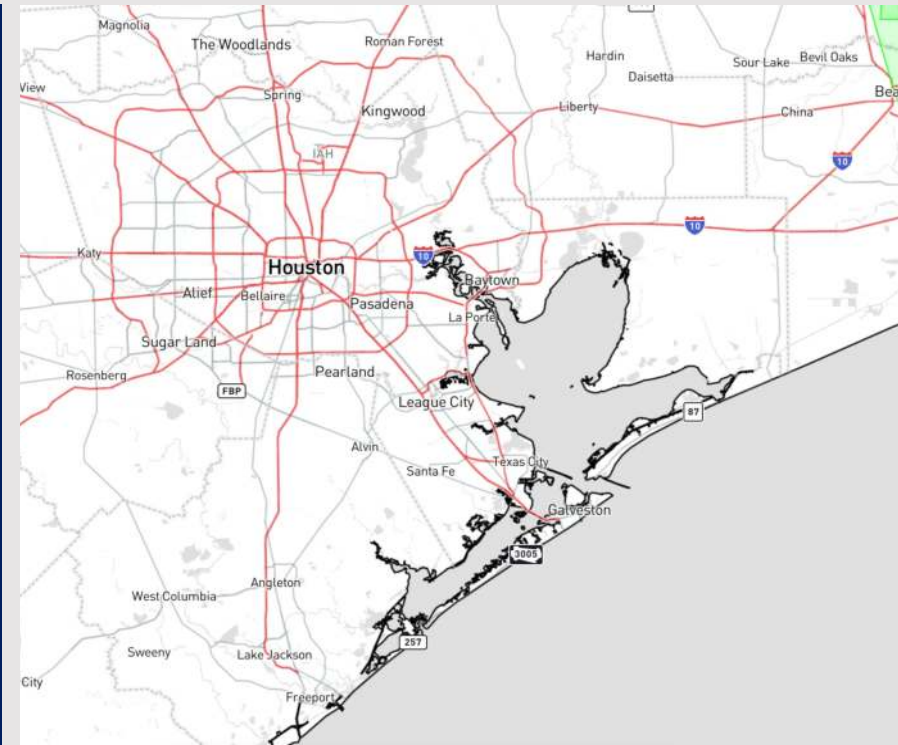
Updated: 1:30 PM CT

Tuesday, February 6, 2024

Forecaster: Alyssa Elliott

Weather Headlines

- Watching for a low end patchy fog risk Wed AM. Patchy fog will potentially mix in with light precip on Thu as well.
- Calmer winds today will gradually increase moving into Wednesday PM and into Thursday.
- Less active period favored to continue today and tomorrow. Next chance for rain will start on Thursday with chances lasting through the weekend.



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 Clarity or our on-call number, **(317)-560-8122** press 1 for forecast questions.

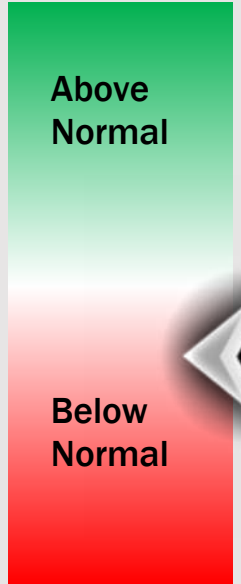
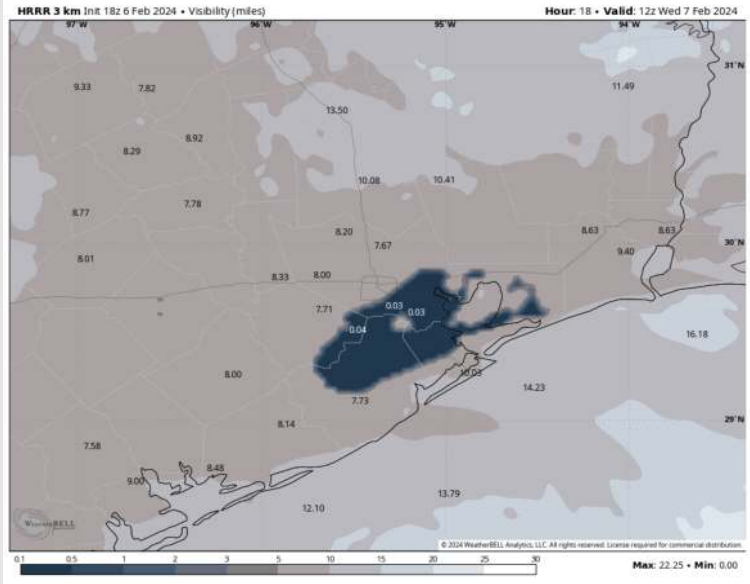
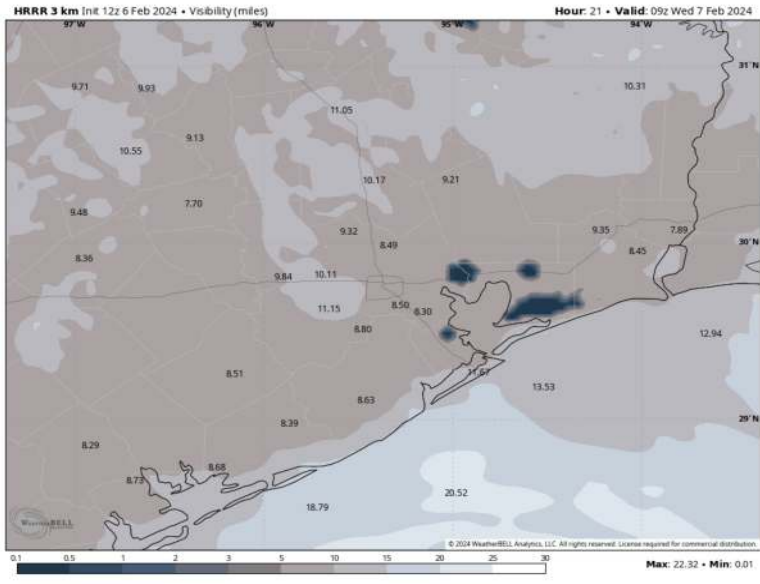
Houston Pilots Visibility Report



3 AM CT WED VISIBILITY

6 AM CT WED VISIBILITY

Confidence



TIMEFRAME DISCUSSED	THREAT
1 AM CT - 9 AM CT WED	Low

- Watching for a low end patchy fog risk Wednesday morning between 1 – 9 AM-CT.
- This patchy risk is favored to begin just E. of Galv. Bay where it will then gradually creep W., over the Bay and towards stations N of Morgan’s Point
- Stations north of Morgan’s Point and towards station 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.
- Anticipating the fog clears out by 9 AM-CT, improving visibility for all stations.

Houston Pilots Extended Range Visibility Report



Friday 2/9/24

Calm winds out of the SE could allow for favorable sea fog conditions FRI afternoon, however shower risks could help to mix the atmosphere.



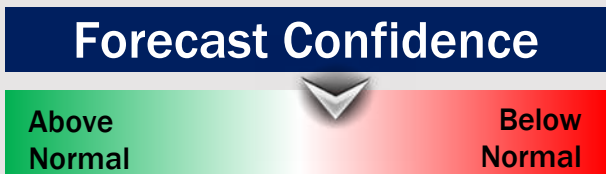
Saturday 2/10/24

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/afternoon, moderate to at times heavy rain will be able to create reduced visibilities along with patchy fog mixed in.



Chance for Fog

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

Houston Pilots Visibility Chart (miles)



Forecast Confidence



Time	Tue 1pm	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	
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	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	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	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	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	10
Morgans Point	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	9	10	10	10	10
75/76	10	10	10	10	10	10	10	10	10	10	10	10	10	10	9	9	9	9	9	9	9	9	10	10	10
63/64	10	10	10	10	10	10	10	10	10	10	10	10	10	10	9	9	9	9	9	9	9	9	10	10	10
51/52	10	10	10	10	10	10	10	10	10	10	10	10	10	10	9	9	9	9	9	9	9	9	10	10	10
37/38	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	9	9	9	9	9	9	9	10	10	10
25/26	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	9	9	9	9	9	9
11/12	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	9	9	9	9	9
1 & 2 Bravo	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	9	9

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Houston Pilots Wind Chart



Forecast Confidence



Sustained wind 13 Knots
Gusts 18 Knots
Wind from the N

Example

WS: 13
G:18
N

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

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Houston Pilots: Tue. 2/6/2024



Forecast Discussion

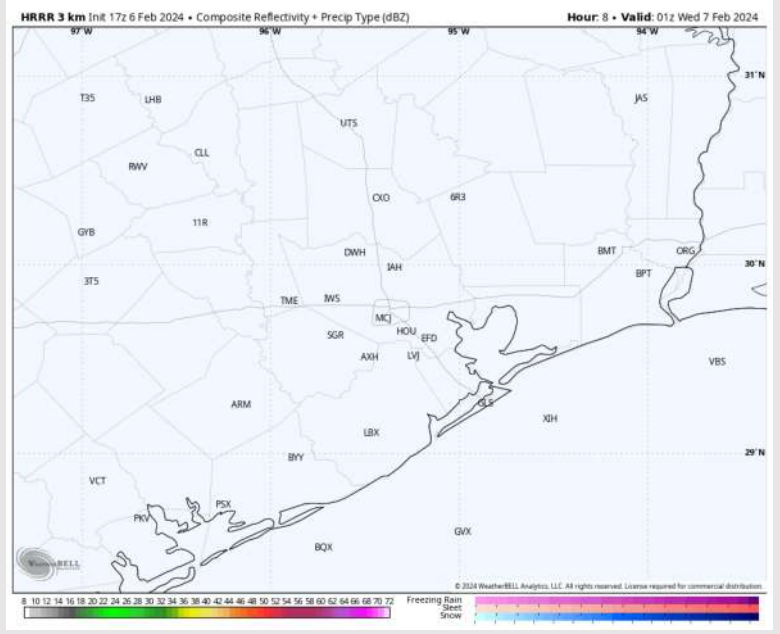
Precip: Anticipating dry conditions for the rest of the day.

Wind: Winds will remain variable through 5 PM, then winds will begin to shift out of the SE and continue for the rest of the evening. **N Morgan's Point:** 3 - 8 kts sustained for the rest of the PM. **S of Morgan's Point:** Winds at 3 - 8 kts through the rest of the evening with stations 11/12 and the Boarding Station seeing slightly higher winds of 12 kts.

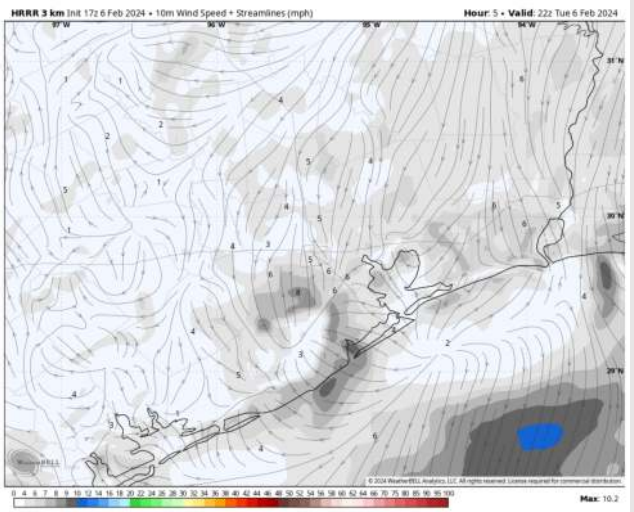
Low Temps: **N of Morgan's Point:** Upper 40s F. **S of Morgan's Point:** Upper 50s.

Visibility: Not anticipating any visibility concerns for this PM.

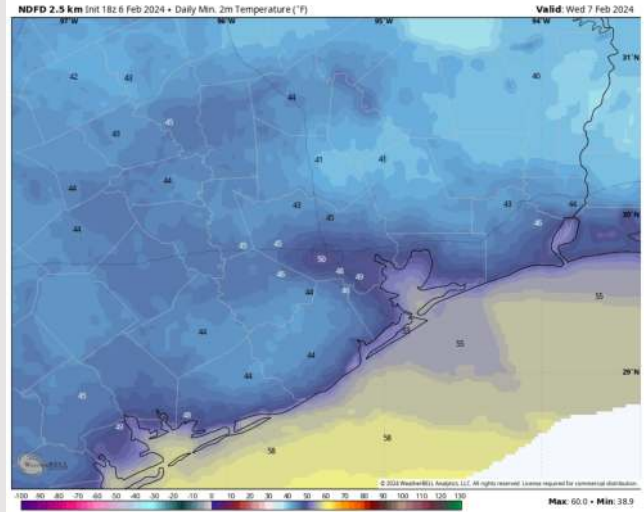
Precip Image: 7 PM CT



Wind Speed:
4 PM CT



Low Temps
Wed AM



Houston Pilots: Wed. 2/7/2024



Forecast Discussion

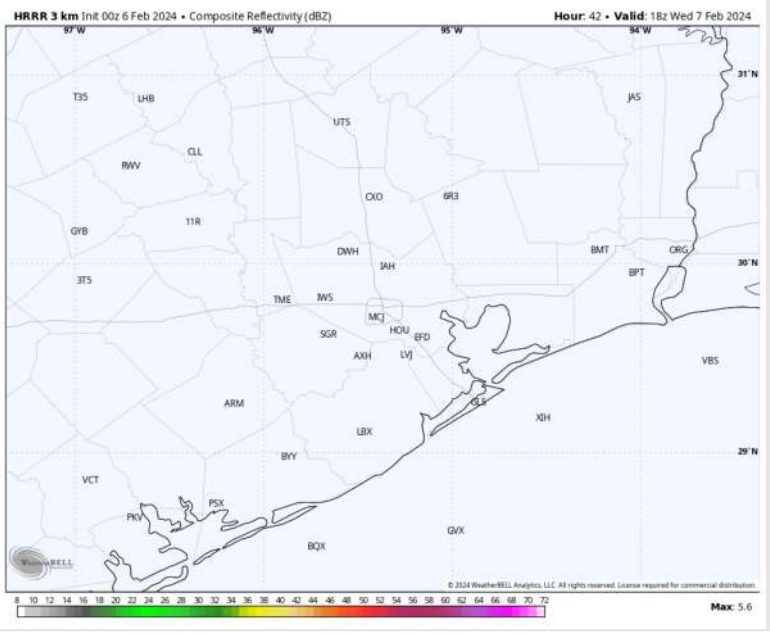
Precip: Dry conditions favored for Wednesday.

Wind: Winds out of the SE throughout Wednesday. **N of Morgan's Point:** Winds at 3-8 kts through 11 AM, increasing to 7-12 kts after that time. **S of Morgan's Point:** 4-9 kts through 8 AM, increasing to 10-15 kts after that time. Winds near the Boarding Station can be slightly elevated at 15-18 kts after 7 PM. **Gusts of 20-25 kts will be possible at all stations after 11 AM.**

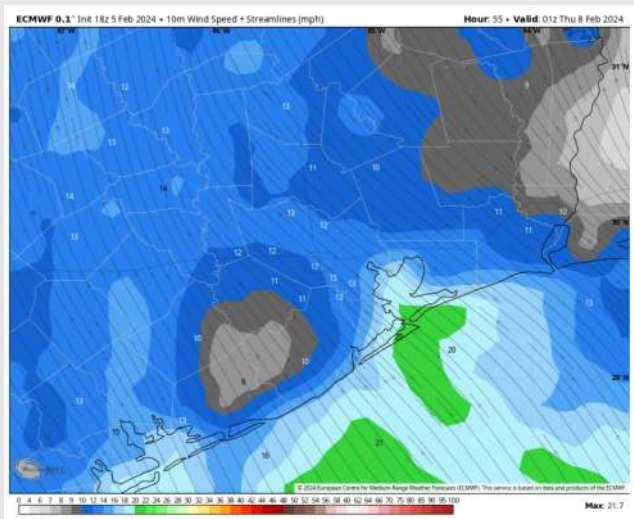
High Temps: **N of Morgan's Point:** Low 70 F. **S of Morgan's Point:** Mid-Low 60s F

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

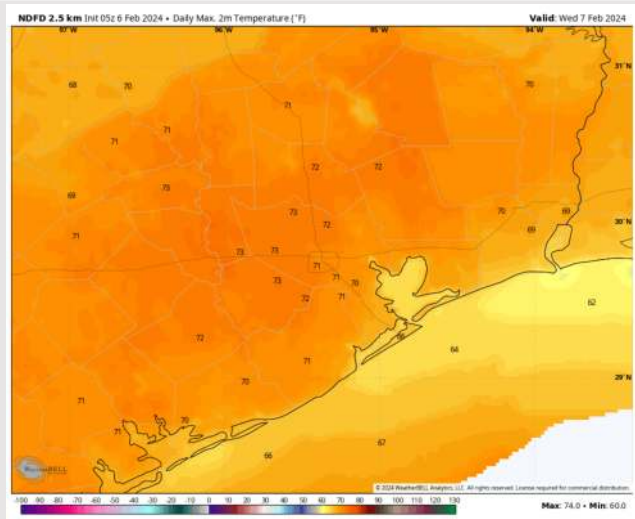
Precip Image: 12 PM CT



Wind Speed:
7 PM CT



High Temps
Wednesday



Houston Pilots: Thu. 2/8/2024



Forecast Discussion

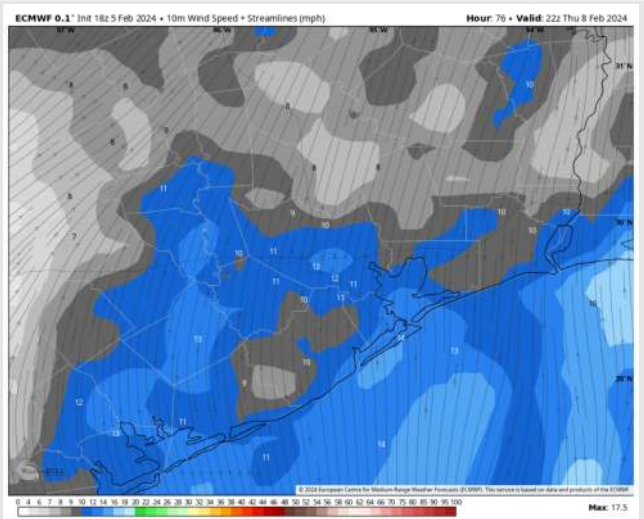
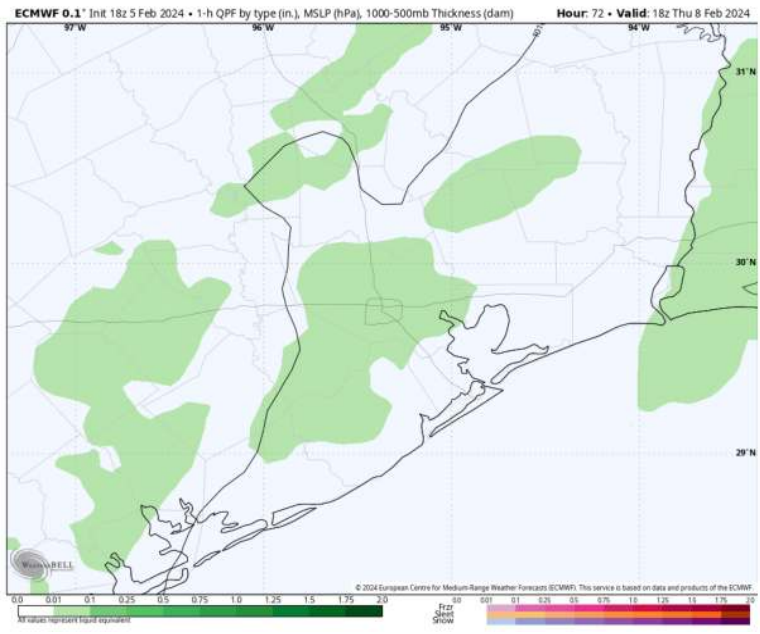
Precip: Favoring dry conditions through ~6 AM before light hit/miss activity works into the area through 6 PM. Dry conditions favored afterwards.

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 20-25 kts will be possible at all stations through 6 AM and N of Morgan's Point again from 12-5 PM.**

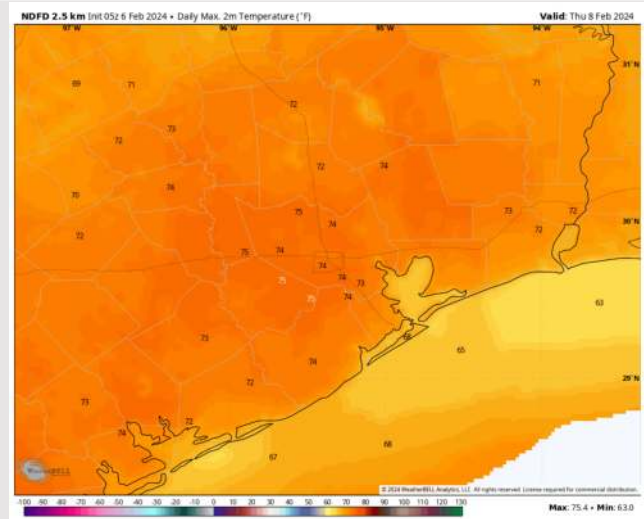
High Temps: **N of Morgan's Point:** Mid 70s F **S of Morgan's Point:** Mid 60s F.

Visibility: A low end risk for patchy fog throughout the day mixed in with rain showers. Will have the ability to create reduced visibilities of 2-4 miles

Precip Image: 12 PM CT



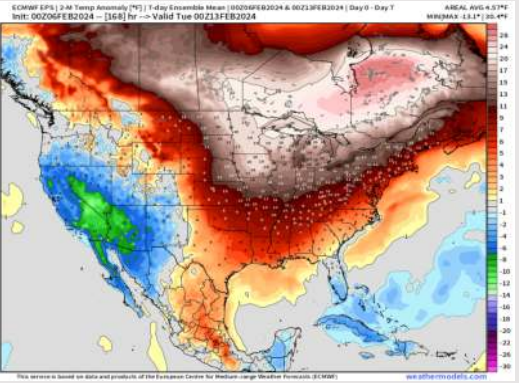
Wind Speed:
4 PM CT



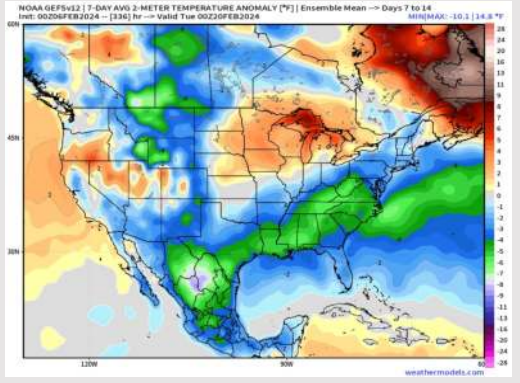
High Temps
Thursday

Houston Pilots: 2/6/24

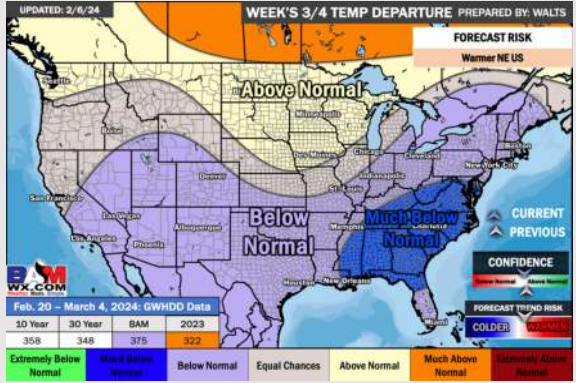
Next 7 Day Temperature Departure



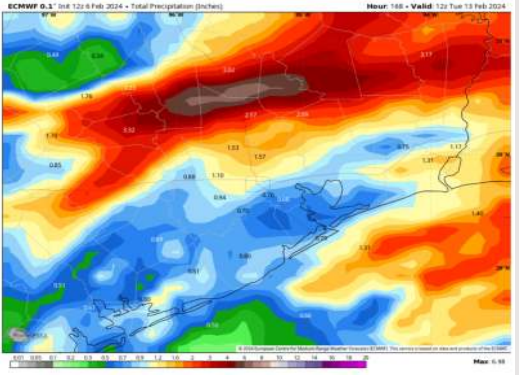
8-14 Day Temperature Departure



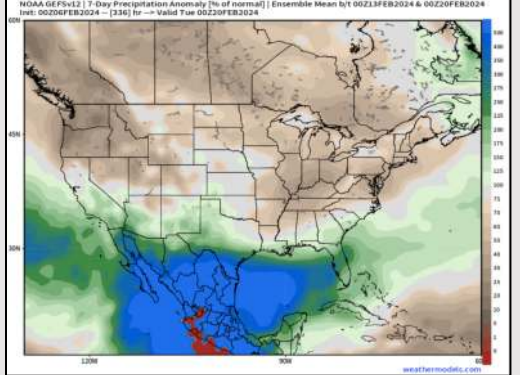
15-30 Day Temperature Departure



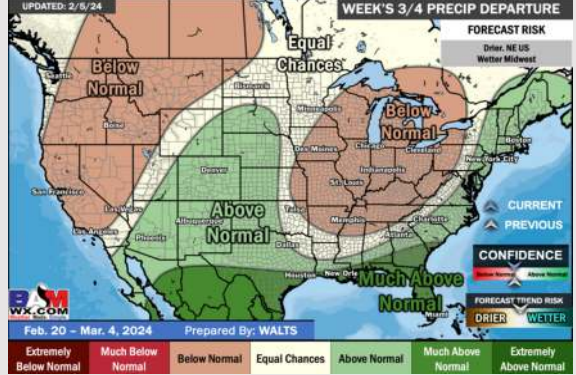
Next 7 Day Total Precipitation



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.