

Houston Pilots Forecast Package



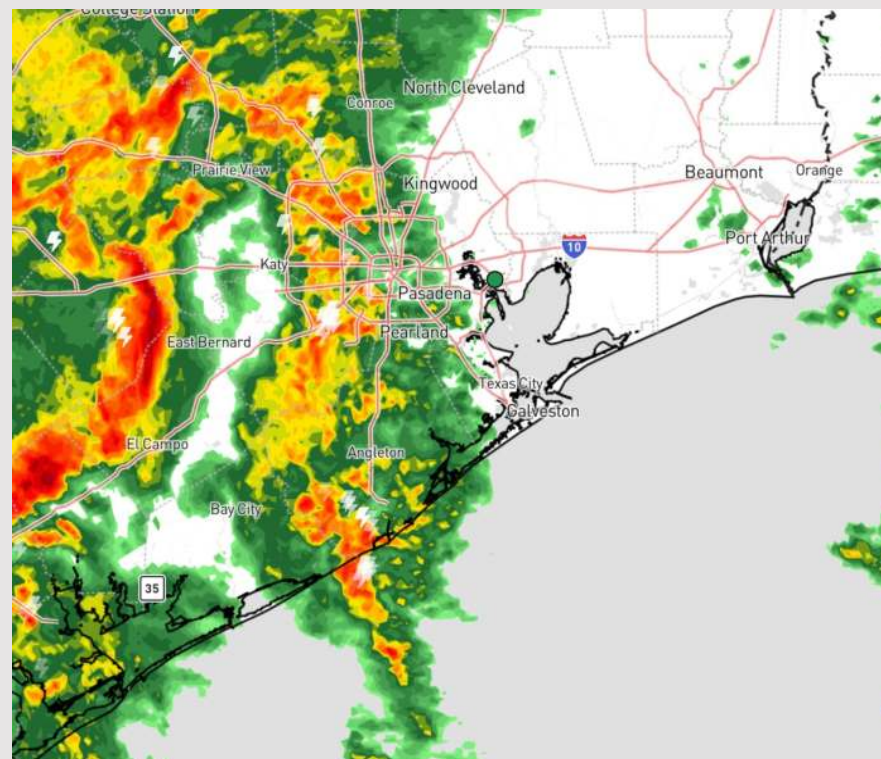
Updated: 5:50 AM CT

Saturday, February 3, 2024

Forecaster: Tyler Riggles

Weather Headlines

- **Strong to severe storms will be in play this morning as a front passes. The main risks will be winds up to 40-45+ kts, lightning and some isolated hail.**
- Keeping our eye on a fog risk early Saturday PM behind the storms with a risk continuing into Sunday. **See Visibility Slide for Additional Information**
- Beyond this morning, less active period favored to continue.



Radar/NWS Alerts: 12:00 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.

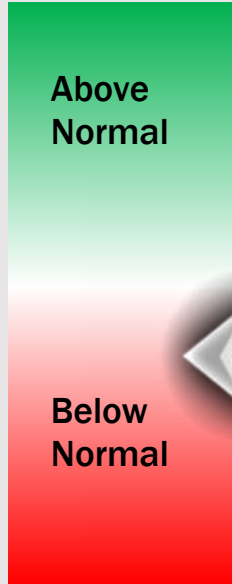
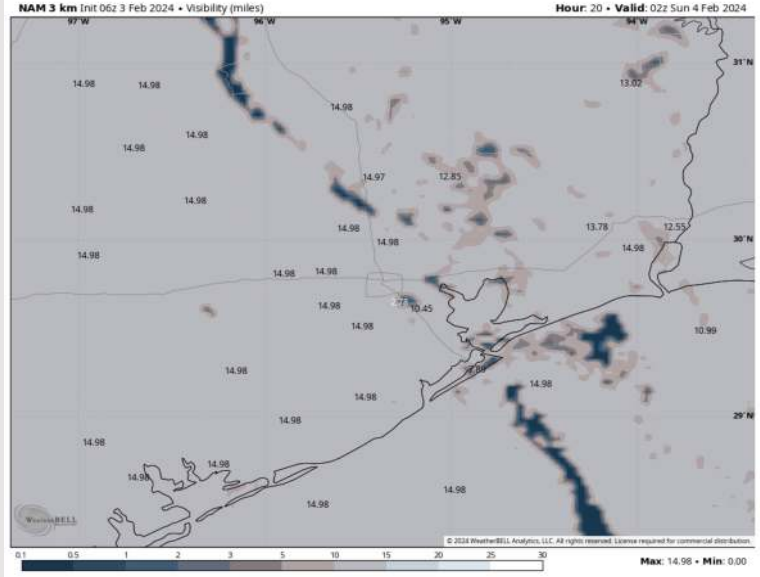
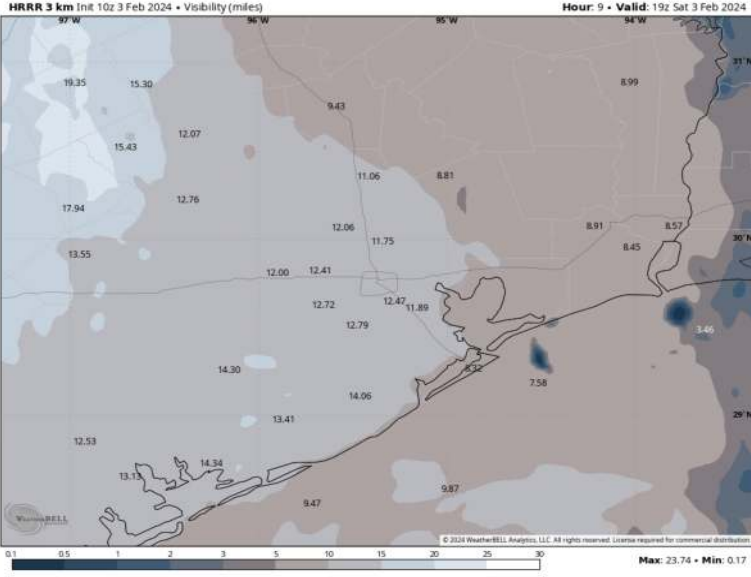
Houston Pilots Visibility Report



1 PM CT SAT VISIBILITY

10 PM CT SAT VISIBILITY

Confidence



TIMEFRAME DISCUSSED	THREAT
12 - 2 PM CT SAT; 7 - 10 PM CT SAT	Low

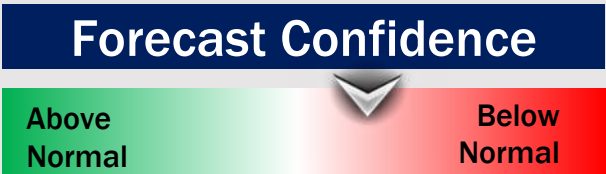
- Moderate confidence is present for some patchy sea fog development behind exiting rain showers this AM. While it is typically more difficult to get fog BEHIND a front, this looks more induced to be when air temps are matching sea surface temps
- Best timeframes for this to occur will be across two short windows: 12 - 2 PM CT behind rain showers exiting, and then a second time from 7 -10 PM after sunset when air temps cool again
- Visibility is not favored to become dense with this fog setup, but visibility of 2 - 3 mi is possible
- All stations would have the risk to see 2-3 mi visibility across both narrow windows. The Boarding Station and 11/12 would hold the best opportunity to see reduced vis out of all stations
- The 2 - 7 PM timeframe would hold the least amount of coverage of fog. This window is not a guarantee of no fog, but it is likely coverage will be minimal

Houston Pilots Extended Range Visibility Report



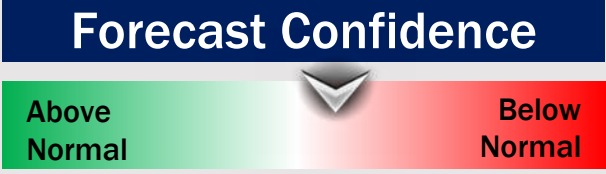
Tuesday 2/6/24

Not favoring fog concerns at this time.



Wednesday 2/7/24

Not favoring fog concerns at this time.



Thursday 2/8/24

Not favoring fog concerns at this time.



Chance for Fog

Tuesday AM	Unlikely
Tuesday PM	Unlikely
Wednesday AM	Unlikely
Wednesday PM	Unlikely
Thursday AM	Unlikely
Thursday PM	Unlikely

Houston Pilots Visibility Chart (miles)



Forecast Confidence



Time	Sat 12am	Sat 1am	Sat 2am	Sat 3am	Sat 4am	Sat 5am	Sat 6am	Sat 7am	Sat 8am	Sat 9am	Sat 10am	Sat 11am	Sat 12pm	Sat 1pm	Sat 2pm	Sat 3pm	Sat 4pm	Sat 5pm	Sat 6pm	Sat 7pm	Sat 8pm	Sat 9pm	Sat 10pm	Sat 11pm
610 Bridge	9	6	3	1	4	2	5	2	2	4	6	10	10	10	10	10	10	10	10	10	10	10	10	10
Kinder 1	9	6	3	1	4	2	5	4	2	4	6	10	10	10	10	10	10	10	10	10	10	10	10	10
Greens Bayou	9	6	6	1	3	2	5	4	2	4	6	10	10	10	10	10	10	10	10	10	10	10	10	10
Shell Crude	9	6	6	1	3	2	5	4	2	4	6	10	10	10	10	10	10	10	10	10	10	10	10	10
Lynchburg Ferries	9	6	6	1	3	4	5	4	2	4	6	10	10	10	10	10	10	10	10	10	10	10	10	10
Exxon 3	9	6	9	2	3	4	5	4	2	4	4	10	10	10	10	10	10	10	10	10	10	10	10	10
Morgans Point	9	6	9	2	3	4	4	4	2	4	3	6	10	10	10	10	10	10	10	10	10	10	10	10
75/76	10	7	6	2	2	5	4	3	1	2	2	4	6	7	9	9	10	10	10	10	10	10	9	9
63/64	10	7	6	2	2	5	4	3	1	2	2	4	6	7	7	9	9	10	10	10	10	10	9	9
51/52	10	9	7	2	4	5	4	3	2	1	2	4	6	6	7	6	9	9	9	10	10	9	9	9
37/38	10	9	7	2	4	4	4	3	2	1	2	3	6	6	7	5	8	9	8	9	10	9	9	9
25/26	10	6	7	2	3	4	4	3	2	1	3	2	6	6	9	2	7	7	7	9	10	9	9	9
11/12	9	6	6	5	2	4	4	3	2	1	3	2	6	6	6	0.2	4	5	5	9	10	10	9	9
1 & 2 Bravo	10	9	7	5	2	4	4	1	1	1	2	2	3	4	6	0	0	0.2	0.2	6	10	10	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



Sustained wind 13 Knots
Gusts 18 Knots
Wind from the N

Example

WS: 13
G:18
N

Time Knots	Sat 12am	Sat 1am	Sat 2am	Sat 3am	Sat 4am	Sat 5am	Sat 6am	Sat 7am	Sat 8am	Sat 9am	Sat 10am	Sat 11am	Sat 12pm	Sat 1pm	Sat 2pm	Sat 3pm	Sat 4pm	Sat 5pm	Sat 6pm	Sat 7pm	Sat 8pm	Sat 9pm	Sat 10pm	Sat 11pm
610 Bridge	13 27 ESE	13 27 SE	11 22 SE	15 31 S	10 21 E	9 18 E	8 16 E	7 15 E	6 13 N	7 14 ENE	7 13 ESE	7 13 E	5 12 W	5 13 W	7 13 W	7 13 WSW	7 13 WSW	5 12 WSW	5 11 WSW	5 10 WSW	5 9 WSW	5 10 SW	5 10 SW	5 10 SW
Kinder 1	13 27 ESE	13 27 SE	12 23 SE	15 30 S	11 21 E	9 18 E	8 16 E	7 15 ESE	7 13 N	8 14 ENE	7 13 ESE	7 13 E	5 11 W	5 13 W	7 13 W	7 13 WSW	7 13 WSW	6 12 WSW	5 11 WSW	5 10 WSW	5 10 WSW	5 9 SW	5 10 SW	5 10 SW
Greens Bayou	14 29 ESE	13 27 SE	11 23 SE	13 25 S	10 21 ESE	9 17 SE	8 16 E	7 15 SSE	7 13 ENE	8 16 ENE	7 14 E	7 14 ESE	5 11 WSW	5 11 W	6 13 W	7 13 W	7 13 WSW	7 13 WSW	6 12 WSW	5 11 WSW	5 10 WSW	5 9 SW	5 10 SW	5 9 SW
Shell Crude	14 28 ESE	13 27 SE	11 23 SE	12 24 SSE	10 21 ESE	9 18 ESE	8 16 ENE	7 15 SSE	7 13 NNE	8 17 ENE	7 15 ESE	7 14 ESE	5 11 WSW	5 11 W	6 12 W	7 13 W	7 13 WSW	6 13 WSW	5 13 WSW	5 11 WSW	5 10 WSW	5 9 SW	5 10 SW	5 9 SW
Lynchburg Ferries	14 28 ESE	13 26 SE	12 23 SE	13 25 SE	11 21 ESE	9 18 ESE	8 17 ENE	7 14 ESE	7 13 ENE	8 17 ENE	7 14 E	7 13 SE	5 11 SW	5 11 W	6 12 W	7 13 W	6 13 WSW	5 13 WSW	5 11 WSW	5 10 WSW	5 9 SW	5 10 SW	5 10 SW	5 9 SW
Exxon 3	15 27 ESE	14 28 SE	14 27 SE	15 27 SE	15 26 ESE	11 19 E	11 18 E	9 16 ESE	8 14 E	9 17 ENE	7 15 E	7 14 ESE	6 13 W	6 12 W	6 13 W	7 13 W	7 13 WSW	7 13 WSW	7 13 WSW	6 11 WSW	6 10 SW	6 9 SW	5 10 SW	5 11 SW
Morgans Point	15 26 ESE	13 25 SE	13 25 SE	13 28 SE	13 26 ESE	11 19 E	10 17 E	8 15 ESE	7 14 E	8 16 NE	7 14 E	7 13 ESE	6 12 SW	6 13 W	6 13 WSW	7 13 WSW	7 13 SW	7 13 SW	6 13 WSW	6 11 WSW	6 10 WSW	6 10 SW	5 10 SW	5 10 SW
75/76	17 25 ESE	16 23 ESE	15 25 SE	15 25 ESE	17 24 ESE	14 21 ESE	12 18 E	12 17 E	9 13 E	9 14 ENE	7 15 E	7 14 SE	7 13 SW	7 14 SW	7 14 WSW	7 14 WSW	9 15 SW	9 15 WSW	10 14 WSW	9 13 WSW	8 12 WSW	8 12 SW	8 12 SW	7 11 SW
63/64	16 23 ESE	15 22 ESE	15 25 SE	16 25 ESE	14 23 ESE	14 21 ESE	11 17 E	13 18 E	9 13 ESE	8 14 ENE	9 16 E	7 13 SE	7 15 SW	7 13 SW	7 13 WSW	7 13 WSW	8 14 SW	9 13 WSW	9 13 WSW	9 13 WSW	8 12 WSW	7 11 SW	7 11 SW	7 10 SW
51/52	14 21 ESE	16 24 ESE	15 24 SE	15 25 SE	14 24 E	14 21 E	11 16 ESE	13 19 ESE	9 13 ESE	9 15 ESE	8 15 E	7 13 ESE	7 14 SW	6 13 WSW	6 13 SSW	7 13 SW	7 13 SW	8 13 SW	8 12 SW	8 12 SW	7 10 SW	7 10 SW	7 10 SW	7 10 SW
37/38	14 21 ESE	16 24 ESE	15 23 ESE	15 24 SE	14 24 ESE	15 22 E	12 18 ESE	13 19 ESE	11 15 E	9 15 SSE	8 16 E	7 13 ESE	7 14 SSW	6 13 W	6 13 SW	7 13 SW	7 13 SW	9 12 SW	8 12 SW	7 12 SW	7 11 SW	6 10 SW	7 11 SW	6 10 SW
25/26	14 21 ESE	15 23 ESE	15 24 ESE	14 24 SE	13 23 SE	15 22 E	13 18 ESE	12 17 ESE	11 16 E	9 14 SSE	8 15 E	8 14 ESE	7 12 SSE	7 12 W	6 12 SW	7 12 SW	7 13 SW	8 12 SW	8 13 SW	7 11 WSW	7 11 WSW	6 9 WSW	6 9 SW	6 10 SW
11/12	13 21 ESE	14 21 ESE	15 22 ESE	13 22 SE	13 21 SSE	13 21 E	12 18 ESE	10 16 SE	10 16 NE	7 13 SE	8 14 ESE	9 14 ESE	7 13 ESE	7 12 S	6 11 SSW	6 11 SW	7 11 SW	6 11 SW	6 11 SW	5 11 WSW	6 11 WSW	5 10 WSW	5 10 WSW	5 10 SW
1 & 2 Bravo	15 21 ESE	16 24 ESE	17 28 ESE	17 28 SE	18 27 SE	19 27 ESE	17 24 ESE	13 21 ESE	13 21 E	10 17 SSE	9 15 ESE	10 16 E	8 14 ESE	7 14 S	7 12 WSW	7 12 SW	7 12 SW	7 12 SW	9 13 WSW	9 13 WSW	8 13 WSW	8 13 WSW	8 13 WSW	8 12 SW

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Houston Pilots: sat. 2/3/2024



Forecast Discussion

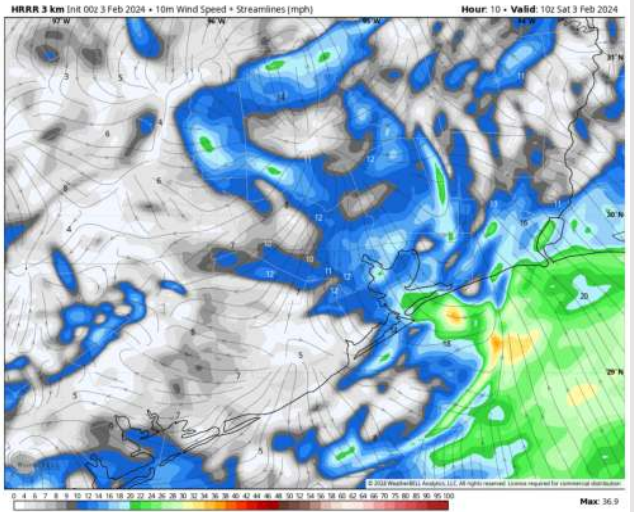
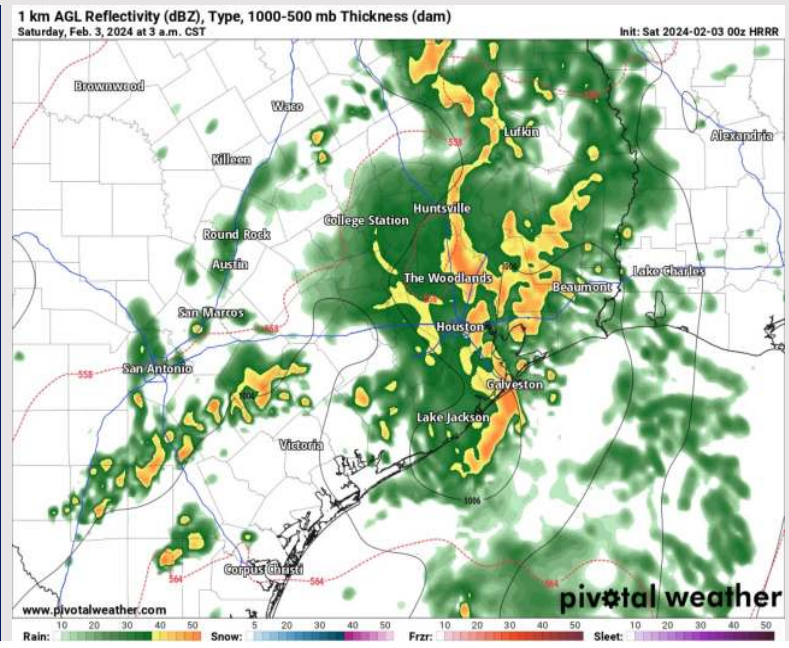
Precip: Scattered showers and storms are expected to continue moving through from the NW to the SE throughout the early AM. A couple broken lines of strong to severe storms will then push through 11 AM-CT. Lightning, strong wind gusts and isolated pockets of hail cannot be ruled out. A few light scattered showers can follow after 11 AM-CT, but all Stations are favored to dry for the rest of the day after that time.

Wind: Winds will remain variable throughout the AM hours on Saturday as storms work through the area. Winds will then settle generally out of the ESE after the front passes. **N of Morgan's Point:** 8 - 13 kts through 9 AM-CT, then winds will calm to 3 - 8 kts for the rest of the day. **S of Morgan's Point:** Winds will be at 12 - 17 kts through 12 PM-CT, then will decrease to 3-8 kts for the rest of the evening. Non-Thunderstorm Gusts of 25 - 30 kts cannot be ruled out for all stations through 10AM. **Thunderstorm related gusts could reach 40 - 45 kts under the strongest cells.**

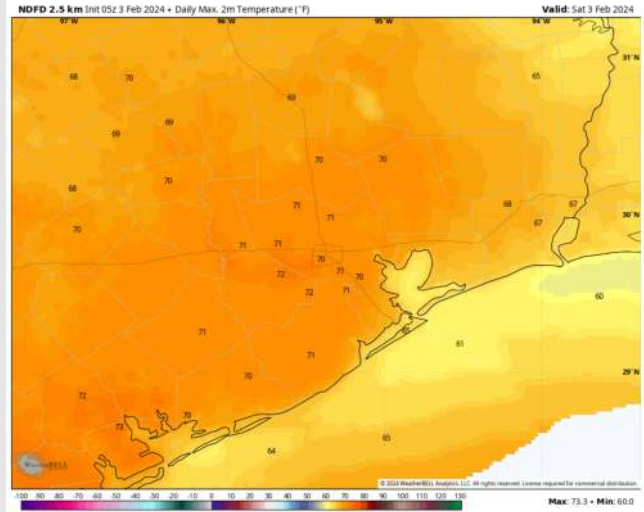
High Temps: **N of Morgan's Point:** Low 60s F. **S of Morgan's Point:** Mid to Upper 60s F.

Visibility: Visibilities can be reduced to 2-4 miles under the heaviest downpours. Patchy / patchy dense fog risk will be in play behind the storms early Saturday afternoon with chances continuing into Sunday AM. **Check the Visibility slide for more info**

Precip Image: 3 AM CT



Wind Speed:
4 AM CT



High Temps
Today

Houston Pilots: Sun. 2/4/2024



Forecast Discussion

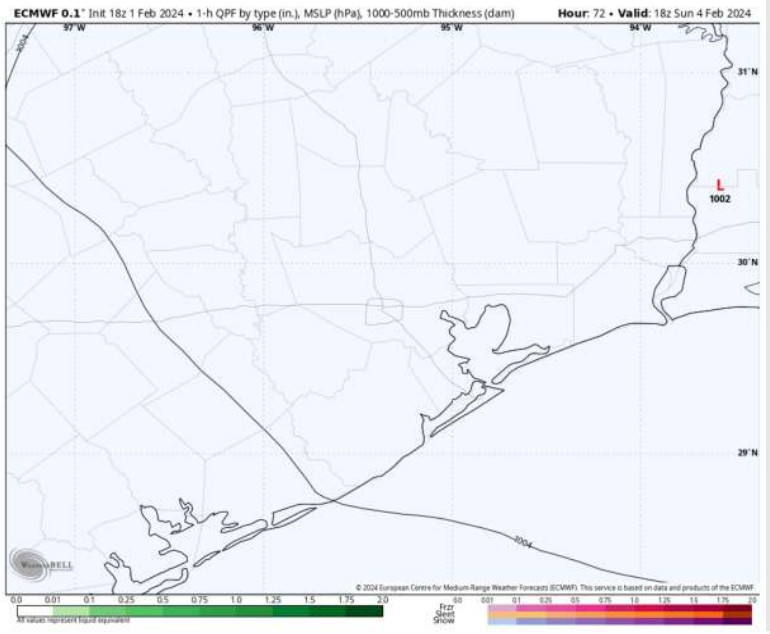
Precip: Dry conditions favored for Sunday.

Wind: Winds will be out of the W before veering out of the WNW by 2 PM. **N of Morgan's Point:** Winds at 4 – 9 kts through 10 AM, steadily increasing after this time and settling at 11 – 16 kts by 12 PM. **S of Morgan's Point:** Winds at 5 – 10 kts will increase to 15 - 20 kts after 5 AM. **Wind gusts of 25 – 30 kts will be in play for all Stations after 11 AM.**

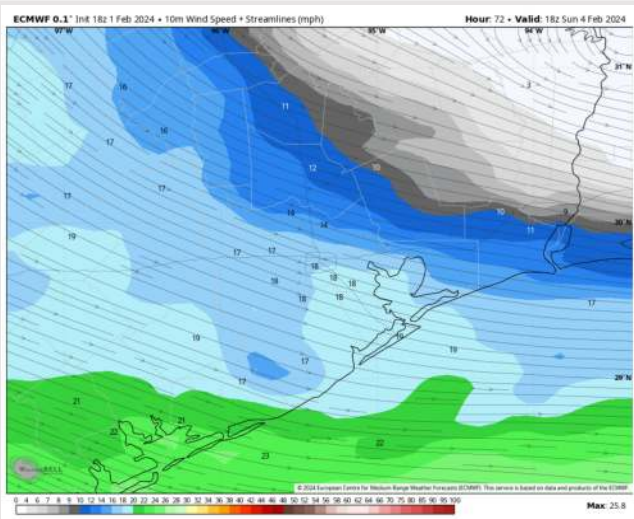
High Temps: **N of Morgan's Point:** Mid 60s F. **S of Morgan's Point:** Low 60s F

Visibility: Anticipating fog that develops Saturday to carry into the early AM of Sunday, clearing out before sunrise.

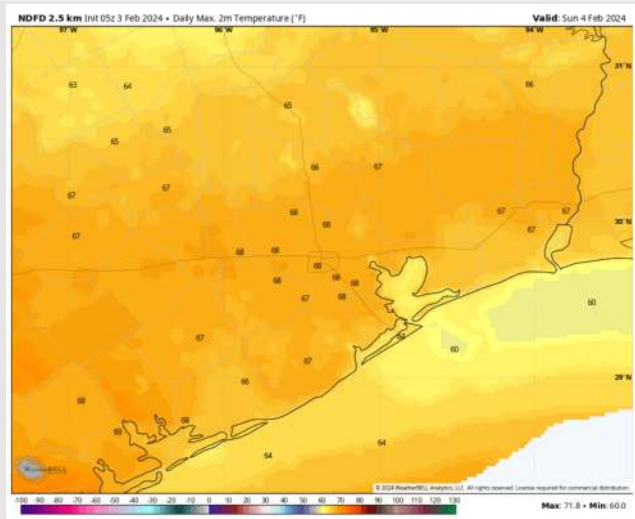
Precip Image: 12 PM CT



**Wind Speed:
12 PM CT**



**High Temps
Sunday**



Forecast Discussion

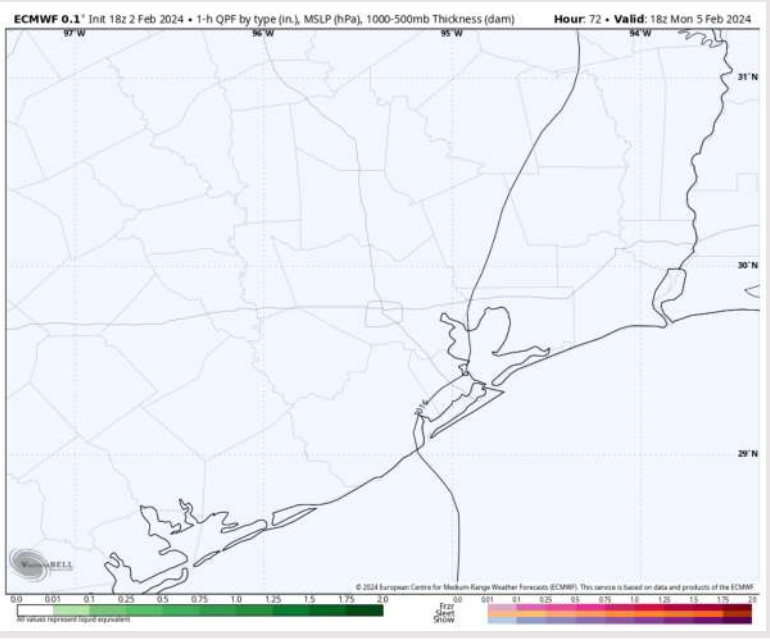
Precip: Favoring dry conditions for Monday.

Wind: Winds will be out of the NW throughout the day. **N Morgan's Point:** Winds at 7-12 kts will increase to 10-15 kts at 9 AM. Winds then decrease to 4-9 kts after 6 PM. **S of Morgan's Point:** 13 - 18 kt winds favored throughout the day Monday.

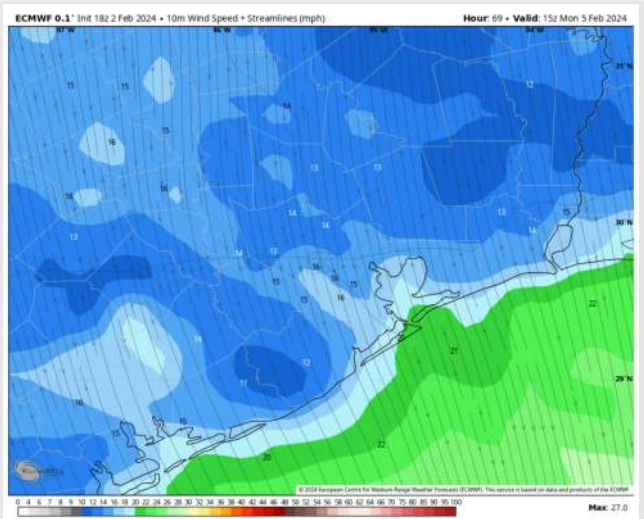
High Temps: **N of Morgan's Point:** Low 60s F **S of Morgan's Point:** Upper 50s F - Near 60 F.

Visibility: Not anticipating any visibility concerns the rest of the evening

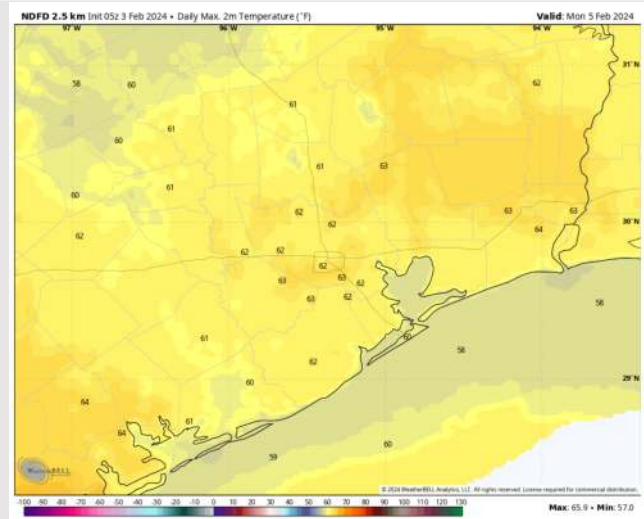
Precip Image: 12 PM CT



Wind Speed:
9 AM CT

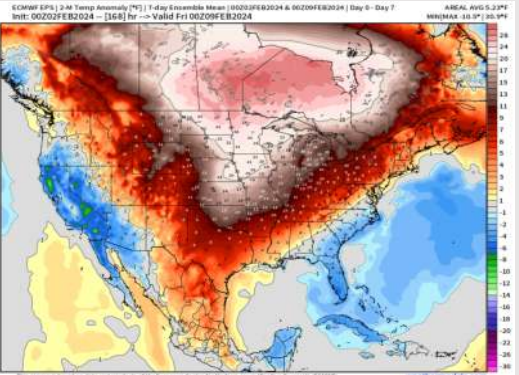


High Temps
Monday

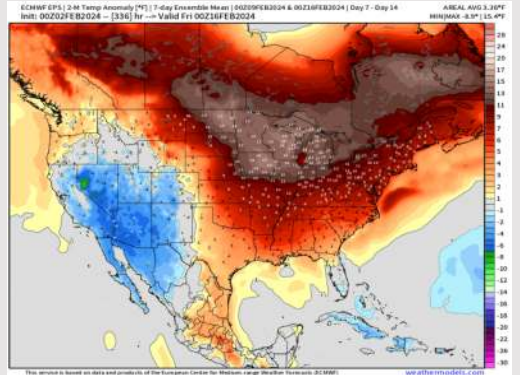


Houston Pilots: 2/3/24

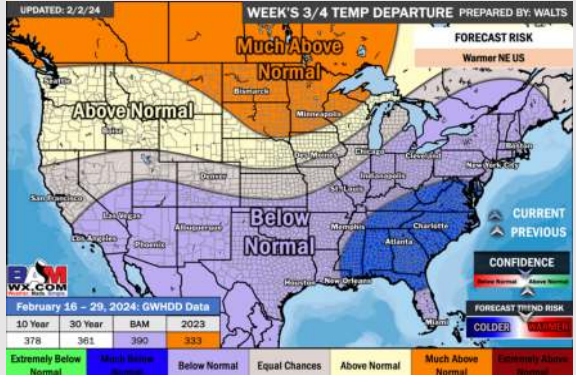
Next 7 Day Temperature Departure



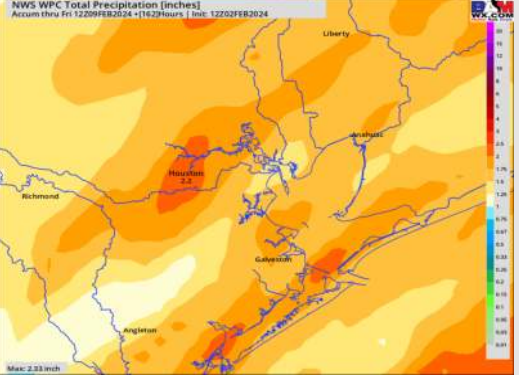
8-14 Day Temperature Departure



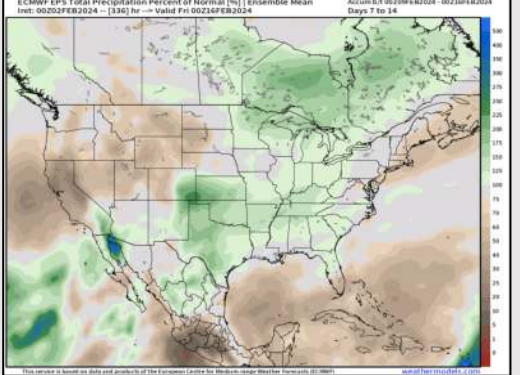
15-30 Day Temperature Departure



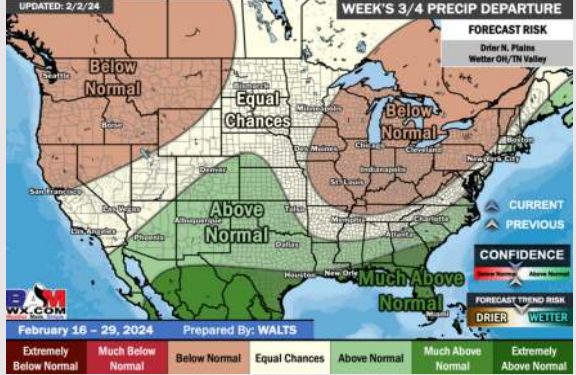
Next 7 Day Total Precipitation



8-14 Day % of Average Precip.



15-30 Day % of Average Precip.



- Pockets of drizzle will continue to work through this evening. The best chances accumulating precip looks to enter overnight into the early hourly of Saturday. Above normal temperatures favored for the week ahead.
- Seasonable to slightly above normal precipitation chances are at play during the week 2 timeframe. Temps expected to be above normal.
- Below normal temperatures and much above normal chances for precipitation are favored in the weeks 3/4 timeframe.