

Houston Pilots Forecast Package



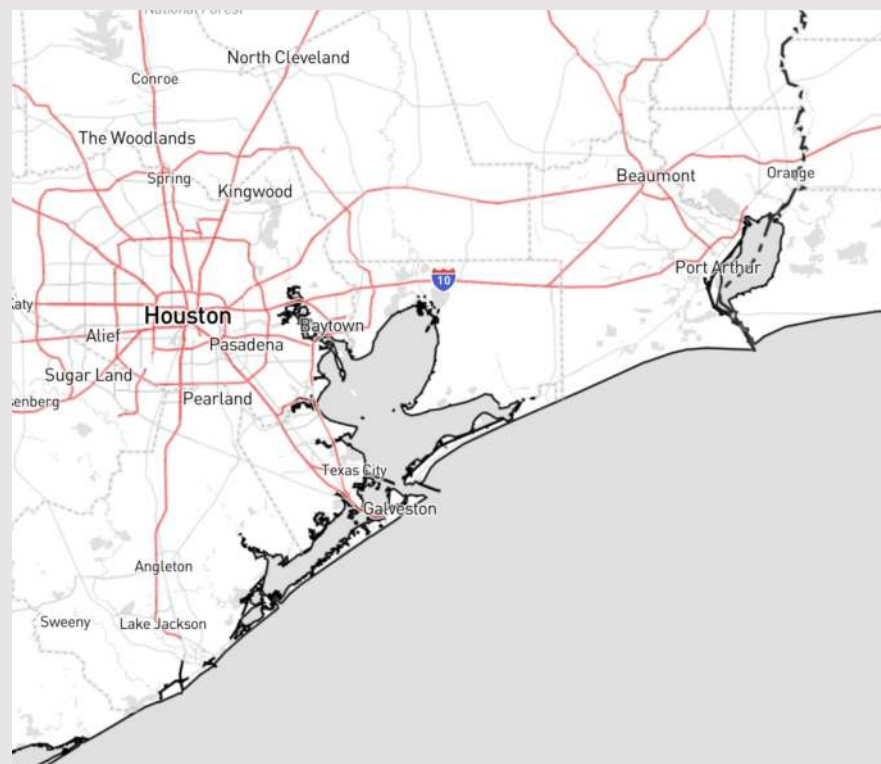
Updated: 1:00 AM CT

Wednesday, February 21, 2024

Forecaster: John Kemper

Weather Headlines

- Favoring dry conditions through majority of the week (low end risk of rain THU).
- Winds will gradually increase this afternoon into evening.
- Patchy fog chances are expected to remain low end, with better potential N and W of all stations.



Radar/NWS Alerts: 12:45 AM CT

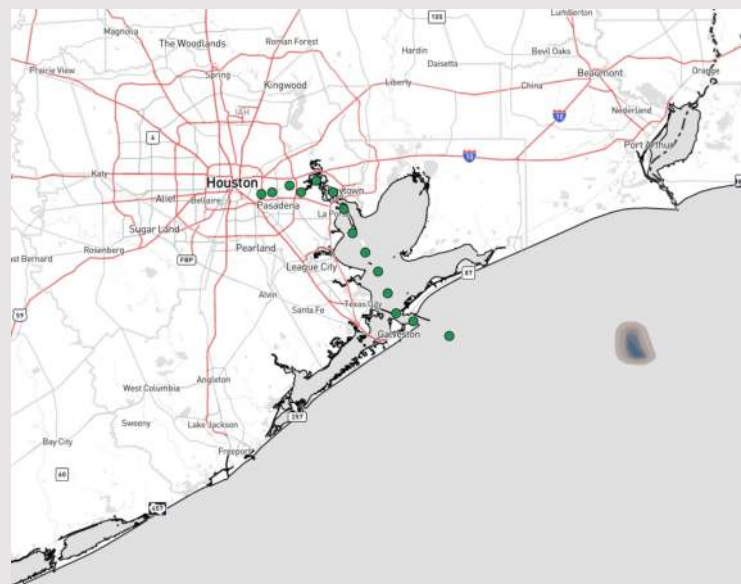


As always, please do not hesitate to reach out to us with any forecast questions via the chat option on Clarity or our on-call number, **(317)-560-8122** press 1 for forecast questions.

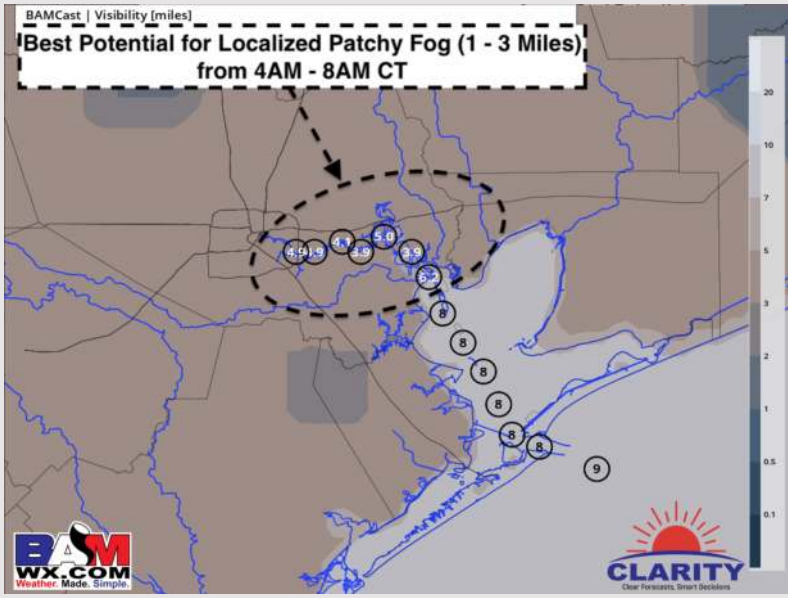
Houston Pilots Visibility Report



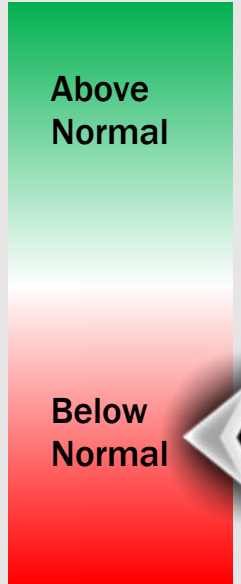
CURRENT VISIBILITY



4 AM – 8 AM CT WED VISIBILITY



Confidence



TIMEFRAME DISCUSSED	THREAT
2 AM – 9 AM WED	Low

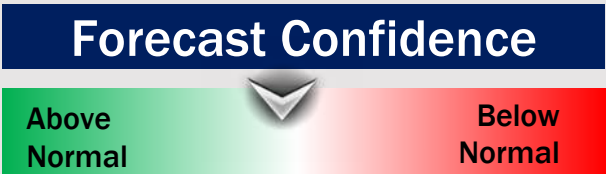
- Low confidence exists in patchy fog development for the remainder of the overnight into the mid morning hours. Better risks favored to remain just N and W of Stations. Model data struggling to depict this risk, and lower confidence on exact coverage with this risk.
- **Morgan's Point and Stations N:** Fog risks will begin as early as 2AM, but best localized potential to see reduced visibilities of 1 – 3 miles between 4AM –8AM. Can't rule out 1 out of 10 potential to see visibilities of less than a mile, but overall not very concerned about this risk occurring for an extended duration, and should remain further inland.
- Fog risk not favored for stations S of of Morgan's Point.
- Fog threat not favored to continue beyond 9AM as sun quickly burns off.

Houston Pilots Extended Range Visibility Report



Saturday 2/24/24

Not favoring visibility concerns at this time for SAT.



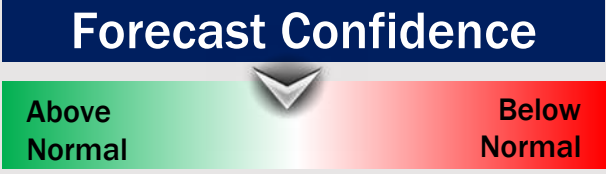
Monday 2/26/24

Not favoring visibility concerns for MON at this time.



Sunday 2/25/24

Not favoring visibility concerns on SUN.



Chance for Fog

Saturday AM	Unlikely
Saturday PM	Unlikely
Sunday AM	Unlikely
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	6	5	5	5	4	5	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
Kinder 1	10	10	6	5	5	5	4	5	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
Greens Bayou	10	10	6	5	5	5	4	5	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
Shell Crude	10	10	6	5	5	5	4	5	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
Lynchburg Ferries	10	10	6	5	5	5	4	5	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
Exxon 3	10	10	6	5	5	5	4	5	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
Morgans Point	10	8	6	5	5	5	4	5	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
75/76	10	9	6	5	4	5	4	5	10	10	10	10	10	10	10	10	10	10	10	9	9	9	9	9
63/64	10	9	6	5	4	5	4	5	10	10	10	10	10	10	10	10	10	9	9	9	9	9	9	9
51/52	10	9	6	5	5	5	4	5	10	10	10	10	10	10	10	9	9	9	9	9	9	9	9	9
37/38	10	9	6	5	5	5	4	5	10	10	10	10	10	10	10	9	9	9	9	9	9	9	9	9
25/26	10	9	6	4	4	5	4	5	10	10	10	10	10	10	9	9	9	9	9	9	9	9	9	9
11/12	10	9	6	5	5	6	4	5	10	10	10	10	10	10	9	9	9	9	9	9	9	9	9	9
1 & 2 Bravo	10	9	6	6	6	6	5	6	10	10	10	10	10	10	9	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	6 S	5 S	5 S	5 S	5 S	5 S	5 S	6 S	8 S	9 S	10 S	11 21	11 22	11 21	11 22	12 23	13 22	11 22	11 23	13 25	13 27	13 28	14 29	13 27
Kinder 1	6 S	5 S	5 S	5 S	5 S	5 S	5 S	6 S	8 S	9 S	10 S	11 21	11 21	11 21	11 21	12 23	12 22	11 22	11 23	12 25	13 26	13 27	14 29	13 27
Greens Bayou	5 S	5 S	5 S	5 S	5 S	5 S	5 S	6 S	7 S	9 S	9 S	11 20	11 21	11 21	11 21	12 22	12 22	11 21	11 22	12 23	13 27	13 28	14 27	13 27
Shell Crude	5 S	5 S	5 S	5 S	5 S	5 S	5 S	5 S	7 S	9 S	9 S	11 20	11 21	11 21	11 21	12 21	12 21	11 21	11 22	11 23	13 27	13 27	13 27	13 26
Lynchburg Ferries	5 S	5 S	5 S	4 S	4 S	5 S	5 S	5 S	7 S	9 S	9 S	11 19	11 20	11 20	12 21	12 21	12 21	10 19	11 21	11 23	13 27	13 27	13 26	13 25
Exxon 3	6 S	5 S	5 S	5 S	5 S	5 S	5 S	7 S	7 S	9 S	11 S	12 S	12 S	13 21	13 21	14 21	14 21	14 21	14 21	15 23	15 27	15 25	15 25	13 24
Morgans Point	5 S	5 S	5 S	5 S	5 S	5 S	5 S	6 S	7 S	9 S	10 S	11 S	11 S	12 S	13 S	14 S	13 S	13 S	13 S	14 S	14 S	14 S	14 S	13 S
75/76	8 S	8 S	7 S	7 S	7 S	7 S	8 S	9 S	9 S	10 S	11 S	12 S	13 21	13 22	15 22	16 23	16 23	16 23	16 23	16 23	17 24	17 25	17 25	16 23
63/64	8 S	7 S	7 S	7 S	7 S	7 S	7 S	9 S	9 S	9 S	11 S	11 S	12 S	13 S	13 S	14 S	15 S	15 S	14 S	15 S	15 S	17 S	16 S	14 S
51/52	7 S	7 S	7 S	6 S	6 S	7 S	7 S	8 S	8 S	9 S	10 S	11 S	11 S	12 S	12 S	13 S	13 S	13 S	13 S	14 S	14 S	16 S	15 S	13 S
37/38	7 S	7 S	7 S	6 S	6 S	7 S	7 S	8 S	9 S	9 S	10 S	11 S	11 S	12 S	12 S	13 S	13 S	13 S	13 S	13 S	13 S	15 S	15 S	14 S
25/26	7 S	6 S	7 S	5 S	6 S	7 S	7 S	8 S	9 S	9 S	11 S	11 S	12 S	12 S	12 S	12 S	12 S	11 S	12 S	13 S	13 S	15 S	15 S	13 S
11/12	6 S	5 S	5 S	5 S	5 S	5 S	7 S	7 S	8 S	9 S	10 S	11 S	11 S	11 S	11 S	11 S	10 S	10 S	10 S	11 S	11 S	13 S	13 S	12 S
1 & 2 Bravo	9 S	8 S	9 S	8 S	8 S	8 S	9 S	9 S	9 S	9 S	9 S	9 S	9 S	9 S	9 S	10 S	11 S	11 S	12 S	13 S	13 S	15 S	16 S	15 S

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Forecast Discussion

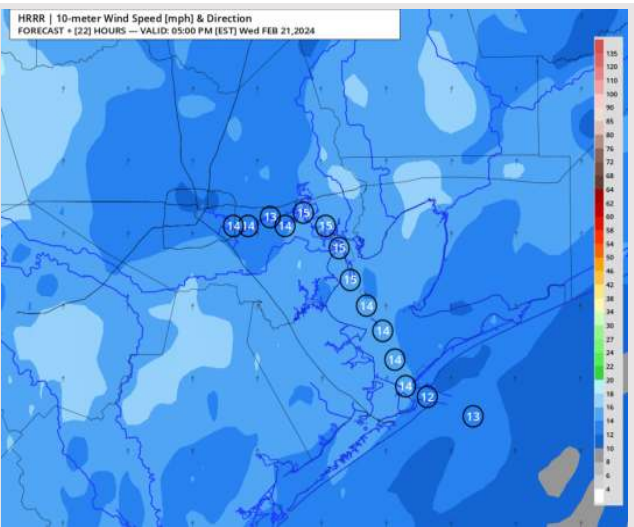
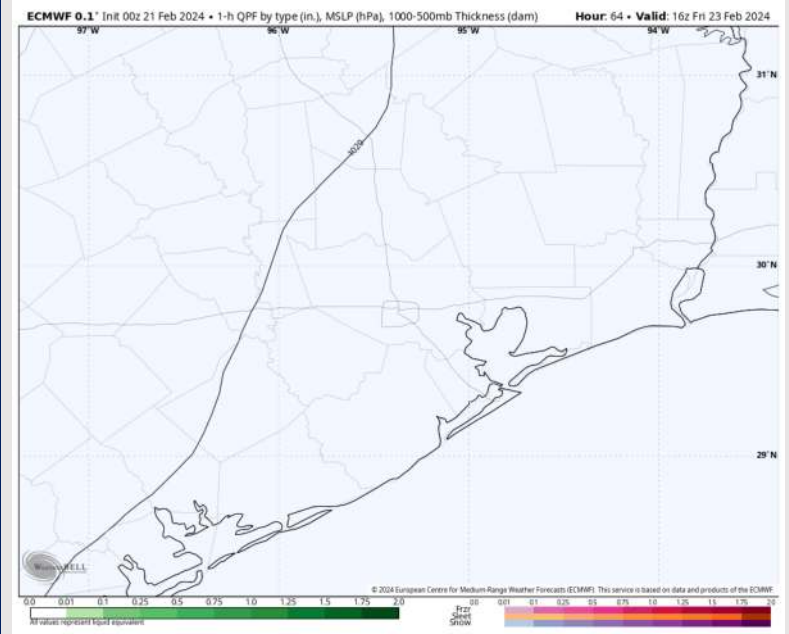
Precip: Favoring dry conditions for today.

Wind: Winds out of the S/SW throughout WED. **N Morgan's Point:** 3-8 kts through 12 PM before increasing to 8-13 kts for the remainder of the day. **S of Morgan's Point:** Winds at 6-11 kts through 12 PM before increasing to 14-19 kts the rest of the PM. **Wind gusts of up to 25 kts will be possible after 12 PM, especially S of Morgan's Point.**

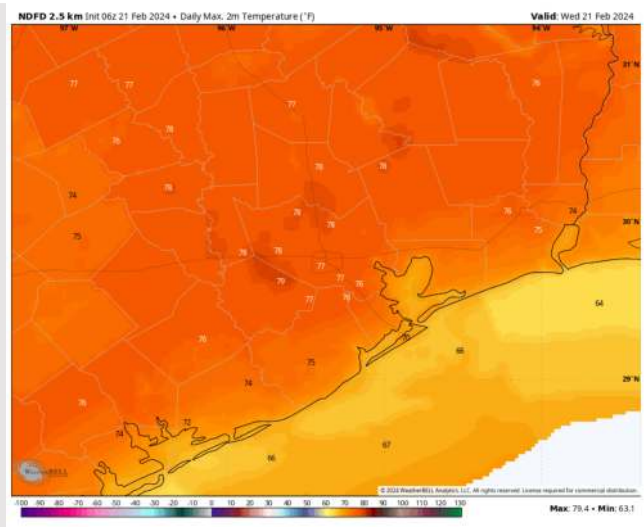
High Temps: **N of Morgan's Point:** Mid/Upper 70s F. **S of Morgan's Point:** Mid/Upper 60s F.

Visibility: Monitoring low end potential for patchy fog for stations N of Morgan's Point. **See Visibility Slide for Additional Details.**

Precip Image: 11 AM CT



Wind Speed:
4 PM CT



High Temps
Today

Forecast Discussion

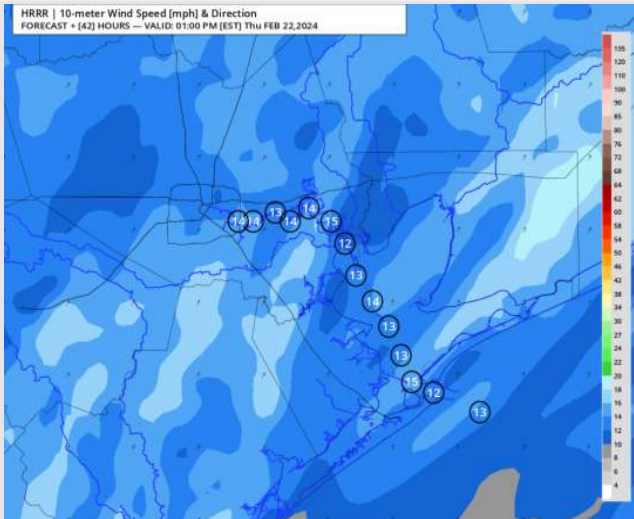
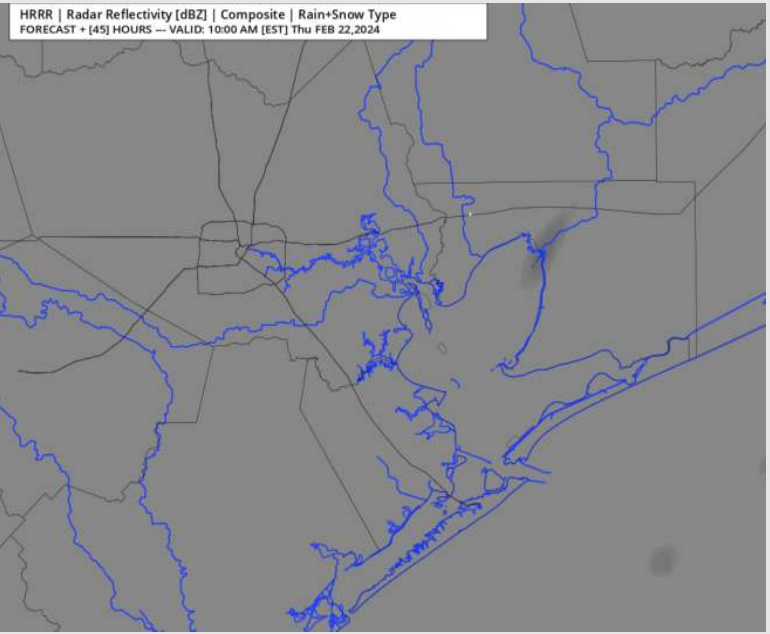
Precip: Favoring dry conditions for the majority of Thursday outside of hit/miss light showers and drizzle (10%) from 8 AM through 3 PM.

Wind: Winds will be out of the S/SW throughout THU. **N of Morgan's Point:** Winds will be at 10-15 kts through 5 PM before a decrease to 6-11 kts the rest of the evening. **S of Morgan's Point:** Winds at 15-20 kts through 8 AM before a decrease to 12-17 kts the rest of the day. **Wind gusts of 22-27 kts will be possible through 2 PM.**

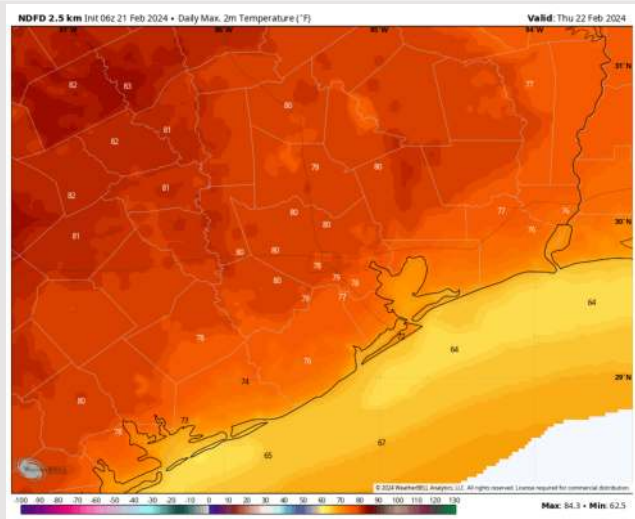
High Temps: **N of Morgan's Point:** Near 80 F. **S of Morgan's Point:** Mid to Upper 60s F.

Visibility: Not anticipating visibility concerns for THU.

Precip Image: 9 AM CT



Wind Speed:
12 PM CT



High Temps
Thursday

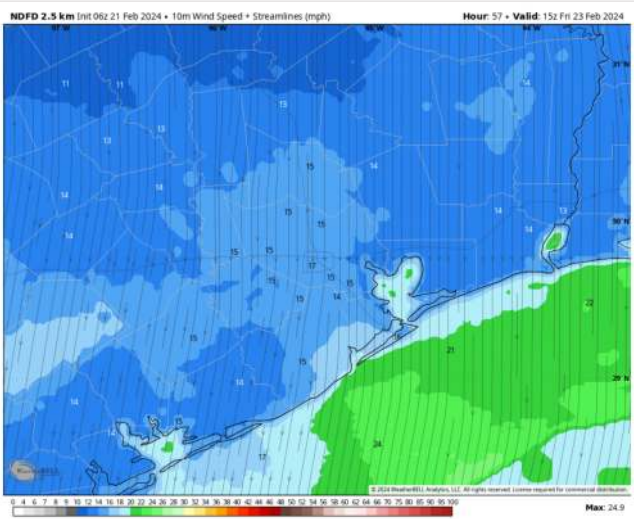
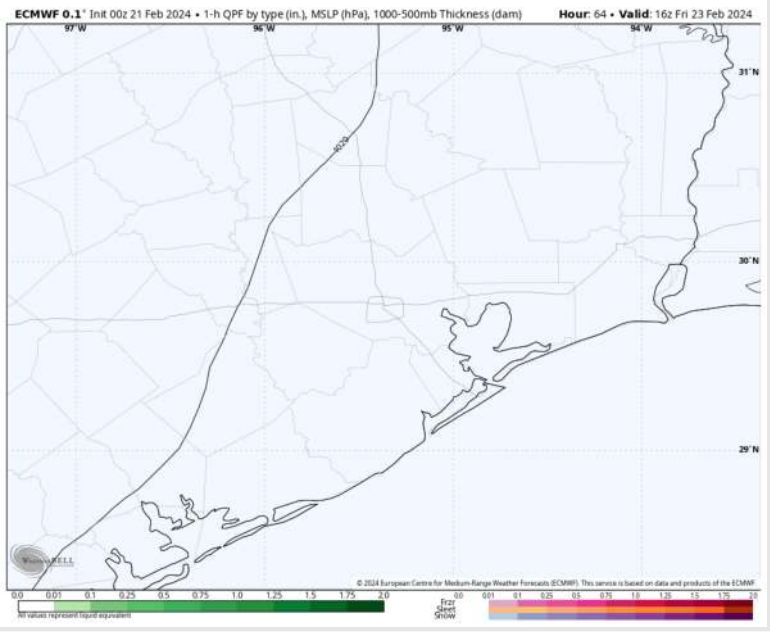
Houston Pilots: Fri. 2/23/2024



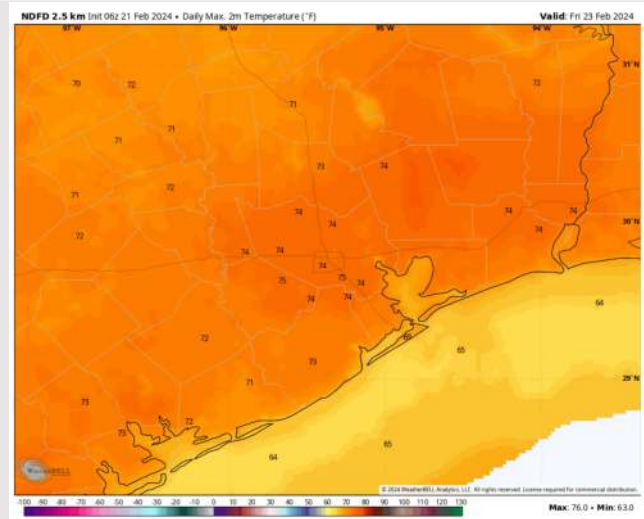
Forecast Discussion

- Precip:** Favoring dry conditions for Friday.
- Wind:** Winds will calm, and slowly rotate clockwise from SW to N through 5AM, and remain out of the N for the rest of the day.
- N Morgan's Point:** 7 – 12 kts throughout the day.
- S of Morgan's Point:** Winds will sit at 13 – 18 kts through 12 PM before calming to 8 – 13 kts for the remainder of the day.
- High Temps:** N of Morgan's Point: Mid 70s F. S of Morgan's Point: Mid 60s F.
- Visibility:** Not anticipating a fog risk for Friday.

Precip Image: 10 AM CT



Wind Speed:
9 AM CT

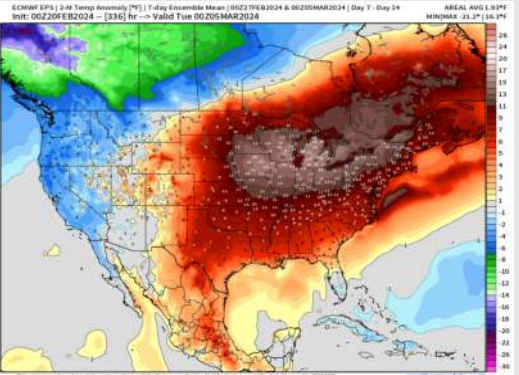


High Temps
Friday

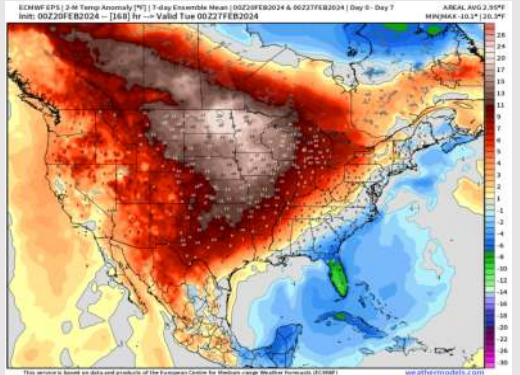
Houston Pilots: 2/21/24



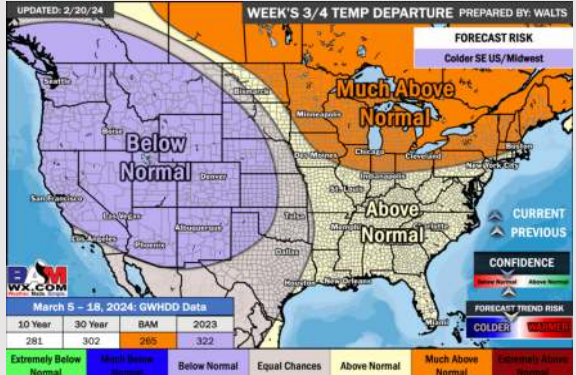
Next 7 Day Temperature Departure



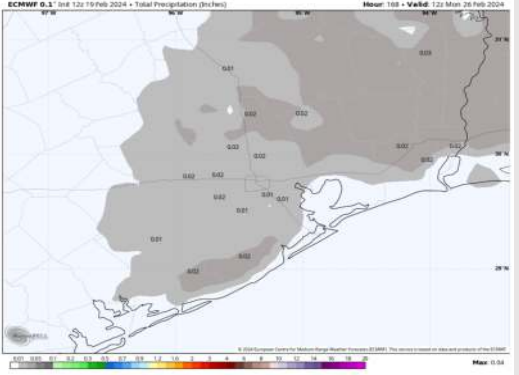
8-14 Day Temperature Departure



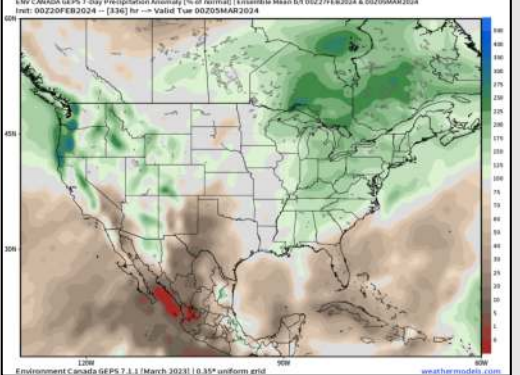
15-30 Day Temperature Departure



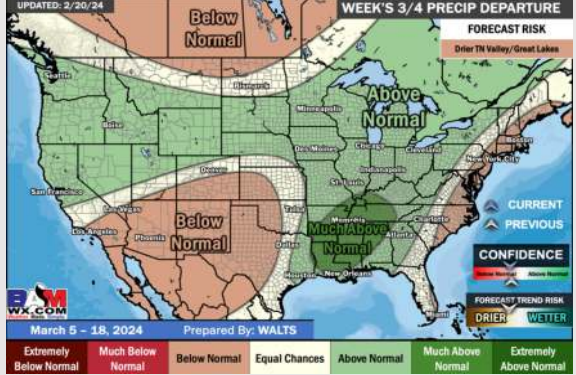
Next 7 Day Total Precipitation



8-14 Day % of Average Precip.



15-30 Day % of Average Precip.



- A drier week is favored ahead with a low end precip risk on THU. Above normal temperatures favored for the week ahead.
- Below normal precipitation chances are at play during the week 2 timeframe. Temps expected to be above normal.
- Seasonable to slightly above normal temperatures and above normal chances for precipitation are favored in the weeks ¾ timeframe.