

Houston Pilots Forecast Package



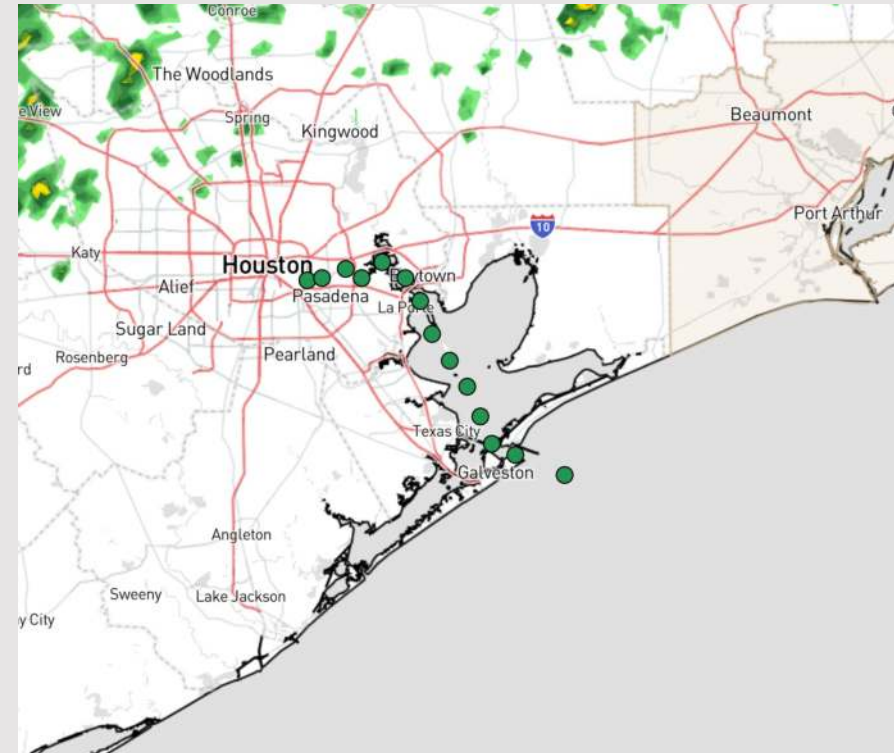
Updated: 2:05 PM CT

Saturday, February 10, 2024

Forecaster: Tyler Riggles

Weather Headlines

- Drizzle and scattered shower expected to continue through the weekend. A few isolated storms can't be ruled out.
- Gusts of 20 – 30 kts will remain in the forecast through the weekend.
- Risks for patchy/patchy dense sea fog remain in play into the afternoon today.
Check Visibility slide for more details.



Radar/NWS Alerts: 1:56 PM CT

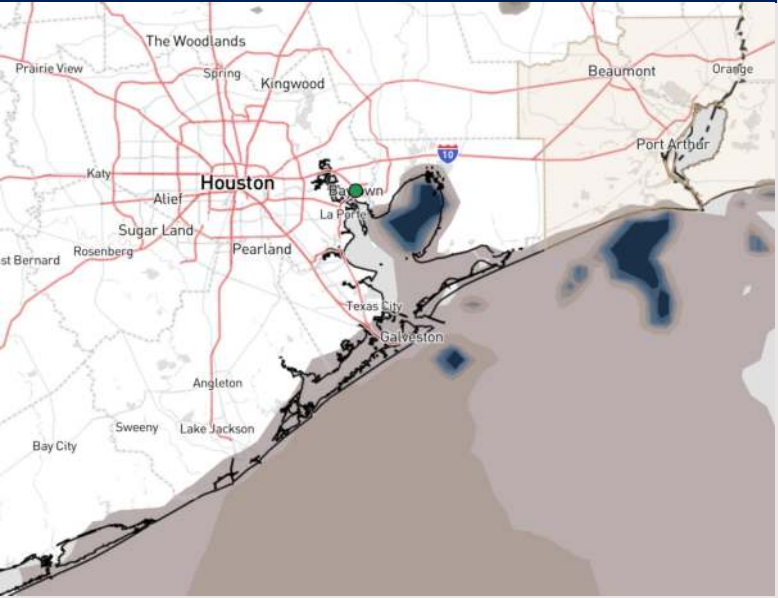


As always, please do not hesitate to reach out to us with any forecast questions via the chat option on Clarity or our on-call number, **(317)-560-8122** press 1 for forecast questions.

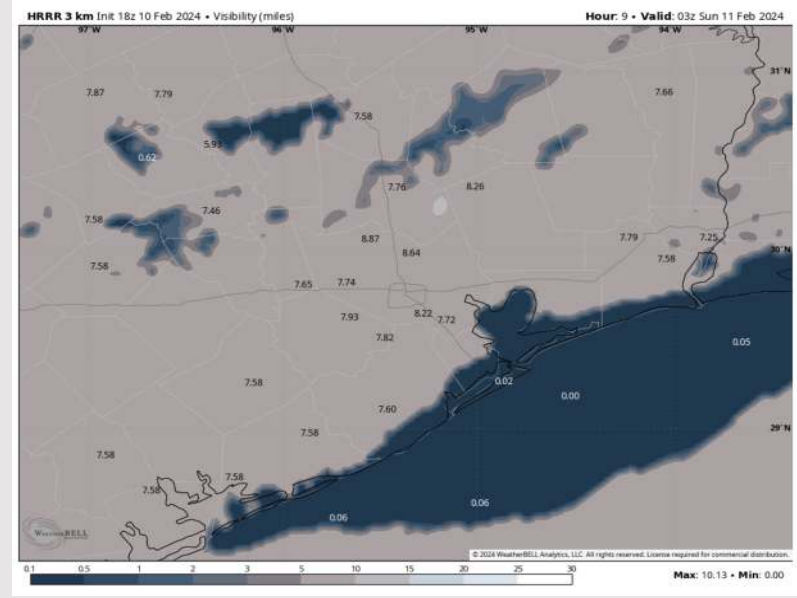
Houston Pilots Visibility Report



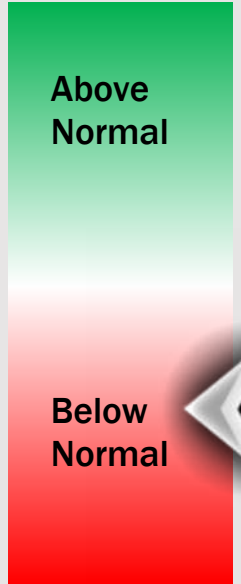
Current Vis as of 1:30 PM CST



9 PM CT SAT VISIBILITY



Confidence



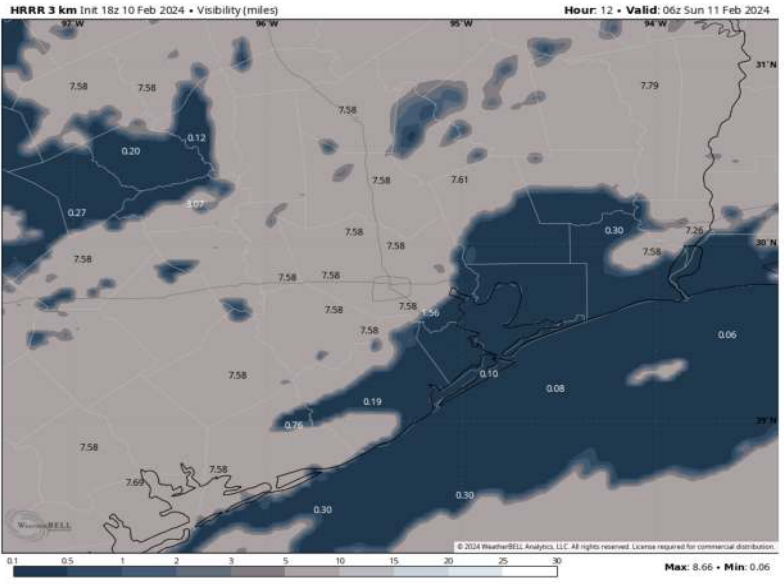
TIMEFRAME DISCUSSED	THREAT
NOW – 12 AM SUN	MED - HIGH

- Locations south of 75/76 have a higher risk for 1–3-mile visibility to continue into the early afternoon. The Boarding Station visibility can be patchier in nature, with reduced visibility coming in waves at anywhere from about 1-3 miles as well. This will simply be patchier in nature at the mouth of the bay
- The best window where sea fog can have the least extent will be from 3 - 7 PM when the winds shift more S than SE. There is the risk however for this to lean that visibility does not fully improve. Nonetheless, coverage will still be patchy for 75/76 through 11/12 over that window.
- After 7 PM, sea fog chances will start to resurge again with near normal confidence that stations south of Morgan’s Point would need to watch for locally dense fog less than 1 mi in visibility. Lower confidence exists on the final exit time of sea fog as patchy coverage does run the risk of lingering through sunrise tomorrow.

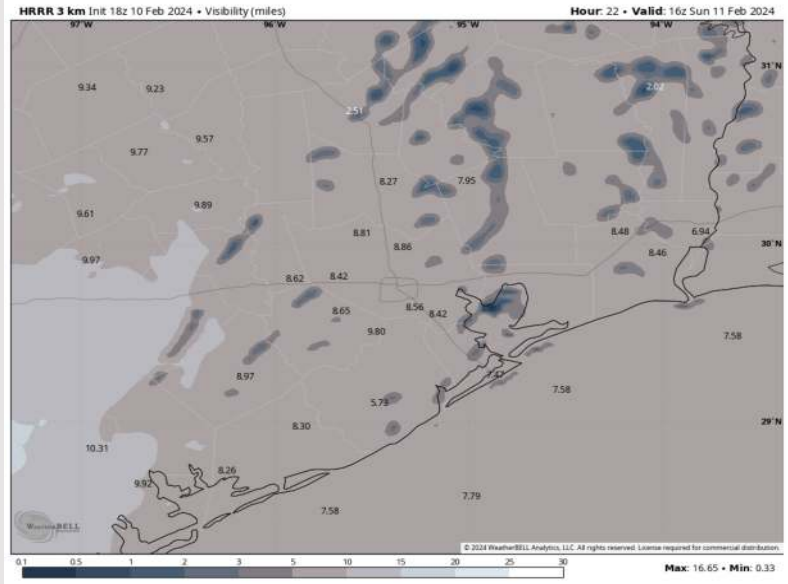
Houston Pilots Visibility Report



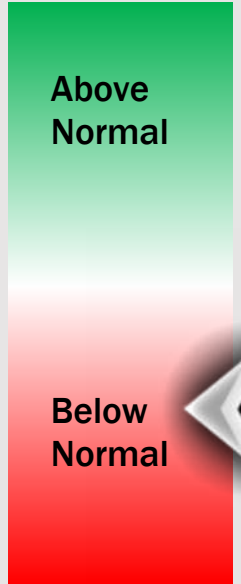
12 AM-CT SUN VISIBILITY



10 AM CT SUN VISIBILITY



Confidence



TIMEFRAME DISCUSSED	THREAT
12 AM – 2 PM SUN	MED - HIGH

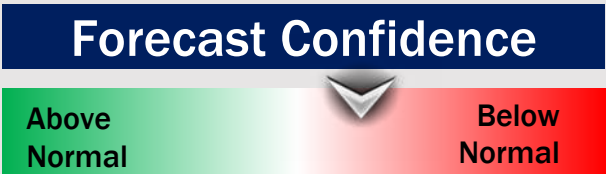
- As noted from previous slide, there is very low confidence for now on the exit time for sea fog into Sunday AM.
- Just after midnight, it is possible that Morgan’s Point, Exxon 3 and Lynchburg Ferries can see additional patchy fog/mist form in and last through ~5-6 AM, reducing visibilities to 3-5 miles.
- It is likely coverage remains widespread through sunrise for locations south of Morgan’s Point. Visibility can be two miles or less throughout the early AM hours.
- There will be a cold front sweeping through from about 12 - 4 PM and it would depend on the timing of this front to completely wipe out fog chances. This 4-hour window for now would be when fog chances can potentially end into the early afternoon.

Houston Pilots Extended Range Visibility Report



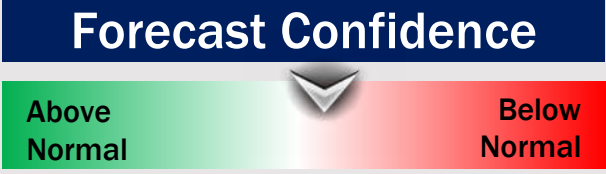
Tuesday 2/13/24

Not favoring fog concerns at this time.



Wednesday 2/14/24

Not favoring fog concerns at this time.



Thursday 2/15/24

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 2pm	Sat 3pm	Sat 4pm	Sat 5pm	Sat 6pm	Sat 7pm	Sat 8pm	Sat 9pm	Sat 10pm	Sat 11pm	Sun 12am	Sun 1am	Sun 2am	Sun 3am	Sun 4am	Sun 5am	Sun 6am	Sun 7am	Sun 8am	Sun 9am	Sun 10am	Sun 11am	Sun 12pm	Sun 1pm
610 Bridge	10	10	10	10	10	10	9	6	6	5	5	4	2	4	3	2	2	2	1	2	4	5	9	10
Kinder 1	10	10	10	10	10	10	9	6	6	5	5	4	1	3	3	2	2	2	1	2	4	5	9	10
Greens Bayou	10	10	10	10	10	10	9	6	6	6	5	2	1	1	0.7	0.7	0.5	0.5	0.5	2	3	4	8	9
Shell Crude	10	10	10	10	10	10	10	6	6	6	5	2	1	1	0.7	0.7	0.5	0.5	0.5	2	3	4	8	9
Lynchburg Ferries	10	10	10	10	10	10	9	6	6	6	5	2	1	1	0.7	0.7	0.5	0.5	0.5	2	3	4	8	9
Exxon 3	10	10	10	10	10	10	10	6	6	2	1	0.5	0.3	0.3	0.2	0.2	0.2	0.2	0.2	1	2	3	6	6
Morgans Point	10	10	10	10	10	10	9	3	0.8	0.5	0.5	0.5	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.7	2	3	5	6
75/76	10	10	10	10	10	10	0.8	0.5	0.8	0.5	0.5	0.5	0.3	0.3	2	4	5	7	7	7	8	8	8	9
63/64	10	10	10	10	10	10	1	0.5	0.8	0.5	0.5	0.5	0.3	0.3	2	4	5	7	6	6	8	8	8	9
51/52	10	10	10	10	10	6	1	0.5	0.8	0.5	0.5	0.5	0.3	0.3	2	4	5	6	4	5	8	8	8	8
37/38	10	10	10	10	10	6	1	0.5	0.5	0.5	0.5	0.5	0.3	0.3	2	5	5	6	4	5	8	8	8	8
25/26	10	10	10	10	10	10	1	0.5	0.5	0.5	0.3	0.3	0.3	0.3	2	5	5	6	4	5	7	7	8	8
11/12	10	10	9	7	6	2	1	0.5	0.5	0.5	0.3	0.3	0.3	0.3	4	5	5	6	2	4	7	7	8	8
1 & 2 Bravo	1	0.8	1	1	2	2	1	0.5	0.5	0.5	0.3	0.3	0.3	0.3	5	7	7	6	4	4	6	7	8	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



Sustained wind 13 Knots
Gusts 18 Knots
Wind from the N

Example

WS: 13
G:18
N

Time Knots	Sat 2pm	Sat 3pm	Sat 4pm	Sat 5pm	Sat 6pm	Sat 7pm	Sat 8pm	Sat 9pm	Sat 10pm	Sat 11pm	Sun 12am	Sun 1am	Sun 2am	Sun 3am	Sun 4am	Sun 5am	Sun 6am	Sun 7am	Sun 8am	Sun 9am	Sun 10am	Sun 11am	Sun 12pm	Sun 1pm
610 Bridge	13 26 S	13 26 S	12 24 SSW	11 21 SSW	9 19 SSW	7 15 SSW	6 12 S	5 10 S	5 10 S	3 7 SSE	3 7 SE	4 8 SE	4 8 ESE	5 9 SE	5 10 SSE	6 12 SSE	7 13 S	8 16 S	9 18 S	10 21 S	11 21 SSW	12 24 SW	11 22 SW	
Kinder 1	13 25 S	13 26 S	12 24 S	10 21 SSW	9 18 SSW	7 15 SSW	6 12 S	5 10 S	5 10 SSE	3 6 SSE	3 7 SE	4 8 SE	4 8 SE	4 9 SE	5 10 SSE	5 12 SSE	6 13 S	7 16 S	8 18 S	9 21 S	10 21 SSW	11 23 SW	11 21 SW	
Greens Bayou	12 25 S	13 25 S	12 23 S	10 21 S	8 17 S	7 14 S	5 11 S	5 9 S	4 9 SSE	3 6 SSE	3 7 SE	4 8 SE	4 8 SE	4 9 SE	5 10 SSE	5 11 SSE	6 13 SSE	7 15 S	7 17 S	9 20 S	9 20 SSW	10 21 SW	10 21 SW	
Shell Crude	13 25 S	13 25 S	12 24 S	10 21 S	8 16 S	7 13 S	5 11 S	5 9 S	5 9 S	3 7 SE	3 7 SE	4 8 SE	4 8 SE	4 9 SE	5 10 SSE	5 11 SSE	6 13 S	7 15 S	8 17 S	9 19 S	10 20 S	11 21 SSW	10 20 SSW	
Lynchburg Ferries	12 24 S	13 25 S	11 22 S	9 19 S	7 15 S	7 13 S	5 10 S	4 8 S	4 9 SSE	3 6 SSE	3 6 SE	4 8 SE	4 8 SE	4 9 SE	5 9 SSE	5 11 SSE	6 12 S	7 13 S	8 16 S	9 18 S	9 19 S	10 21 SSW	9 20 SSW	
Exxon 3	13 25 S	13 26 S	12 24 S	10 21 S	9 18 S	7 14 S	6 11 S	5 9 S	4 8 S	4 7 SSE	3 6 SSE	4 8 SE	4 8 SE	4 9 SE	5 10 SSE	6 11 SSE	7 12 S	7 13 S	8 16 S	9 17 S	9 17 S	9 20 SSW	9 19 SSW	
Morgans Point	12 24 S	13 25 S	11 23 S	10 20 S	8 16 S	7 13 S	5 10 S	5 8 S	4 7 S	4 7 SSE	4 7 SE	4 8 SE	4 8 SE	5 10 SSE	5 11 SSE	6 12 S	7 13 S	7 13 S	7 13 S	7 15 S	9 17 S	9 18 S	9 19 SSW	9 19 SSW
75/76	13 24 S	13 26 S	13 24 S	13 19 S	11 16 S	9 14 S	8 12 S	7 10 S	7 9 S	6 9 SSE	6 9 SSE	6 9 SE	7 10 SE	7 11 SSE	9 13 SSE	9 14 SSE	10 14 S	10 14 S	10 15 S	11 17 S	11 19 S	10 20 SSW	10 20 SSW	
63/64	13 23 S	13 25 S	12 22 S	12 18 S	11 15 S	9 13 S	7 11 S	7 9 S	6 9 S	6 8 SSE	5 8 SSE	6 8 SE	6 9 SE	7 11 SSE	9 13 SSE	9 13 SSE	9 13 S	9 14 S	9 14 S	10 15 S	11 17 S	11 19 S	10 20 SSW	10 20 SSW
51/52	12 21 S	13 22 S	11 20 S	11 16 S	9 14 S	8 12 S	6 9 S	6 8 S	6 9 S	5 7 S	5 7 SSE	5 8 SSE	5 8 SSE	7 10 SSE	7 12 SSE	8 13 S	8 13 S	9 13 S	9 14 S	9 15 S	10 16 S	10 18 S	9 18 S	9 18 S
37/38	11 21 S	12 21 S	11 20 S	10 15 S	9 14 S	8 12 S	7 9 S	5 9 S	5 9 S	5 7 S	5 7 SSE	5 8 SSE	6 8 SSE	6 10 SSE	7 10 SSE	7 13 S	9 13 S	9 13 S	9 14 S	9 15 S	11 17 S	10 17 S	9 18 S	10 18 S
25/26	11 21 S	12 21 S	11 19 S	9 15 S	9 13 S	7 11 S	6 9 S	5 8 S	5 8 S	5 6 SSE	5 7 SSE	5 8 SSE	6 10 SSE	6 10 SSE	7 12 S	8 13 S	9 13 S	9 15 S	9 16 S	9 16 S	10 18 S	11 18 SSW	11 18 SSW	
11/12	11 18 S	11 20 S	11 18 S	9 15 S	7 13 S	6 11 S	5 10 S	4 7 S	4 7 S	4 7 S	4 7 SSE	5 7 SSE	5 8 SSE	5 10 SSE	7 11 S	7 12 S	8 13 S	8 13 S	9 13 S	9 15 S	9 16 S	11 16 SSW	10 18 SSW	
1 & 2 Bravo	11 17 S	11 17 S	11 18 S	9 16 S	9 13 S	8 12 S	7 11 S	7 10 S	7 11 S	7 10 S	7 10 SSE	7 10 SSE	7 11 SSE	9 13 SSE	9 14 SSE	10 14 SSE	11 16 S	11 16 S	11 15 S	10 16 S	11 16 S	11 17 S	11 18 S	9 17 S

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Houston Pilots: Sat. 2/10/2024



Forecast Discussion

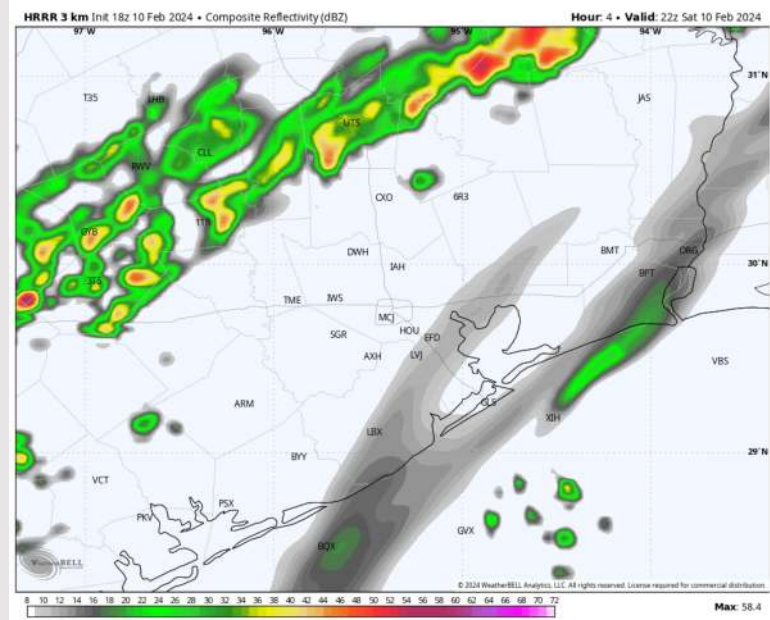
Precip: Through the rest of the PM, there will be a 10% chance of showers at all stations. Heavier precip chances likely to remain North of all Stations.

Wind: Winds out of the S become southwesterly after 8PM. **N of Morgan's Point:** Winds at 9 – 13 kts through 6 PM, at which time winds will decrease to 3-8 kts. **S of Morgan's Point:** Winds will remain at 13 – 17 kts through 6 PM, decreasing to 4-9 kts after that time. **Gusts of 18 - 23 kts remain in play for all stations through 6 PM.**

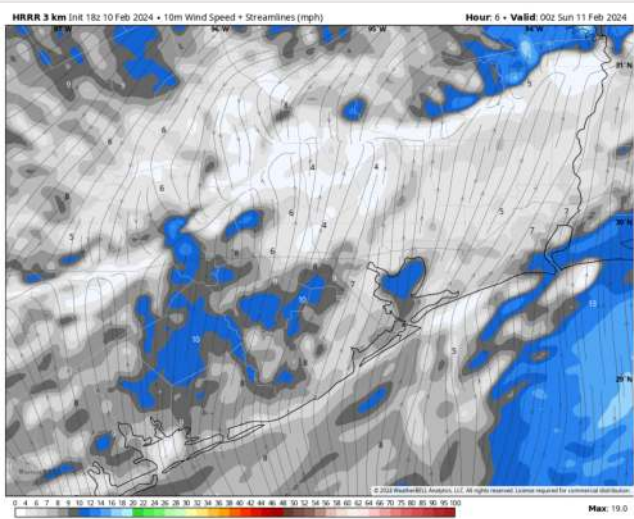
Low Temps: **N of Morgan's Point:** Low 60s F. **S of Morgan's Point:** Low 60s F

Visibility: Patchy to widespread sea fog will be a risk throughout the AM. **See visibility slide for more details.**

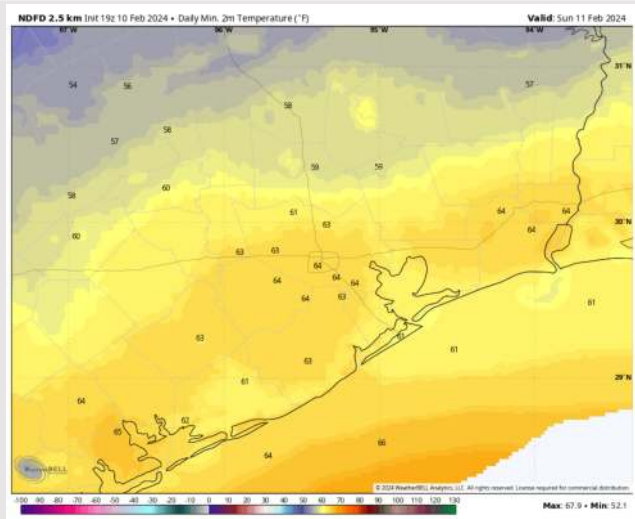
Precip Image: 4 PM CT



Wind Speed:
6 PM CT



Low Temps
SUN AM



Houston Pilots: Sun. 2/11/2024



Forecast Discussion

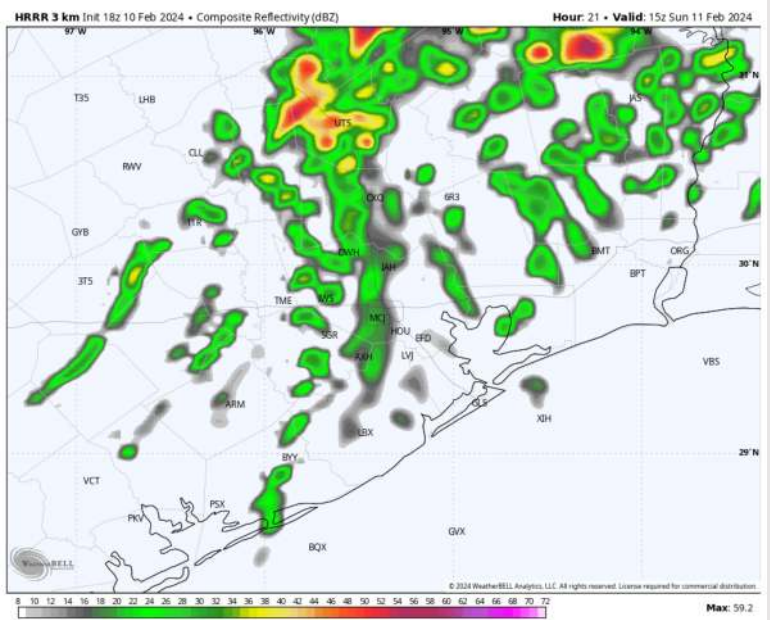
Precip: Favoring light hit/miss drizzle (10% to hang around through ~10 AM. Chances will then increase after 10 AM as scattered moderate to heavy showers enter from the NW in association with a passing front. These scattered showers will linger through 3 PM.

Wind: Winds out of the SSE will veer out of the NE by 2 PM. **N Morgan's Point:** Winds will be at 3-8 kts until 8 AM-CT before increasing to 7-12 kts for the remainder of the day. **S of Morgan's Point:** Winds at 3-8 kts will gradually increase to 10-15 kts by 9 AM, remaining at that speed throughout the day. **Wind gusts of 25-30 kts possible for all stations after 10 AM.**

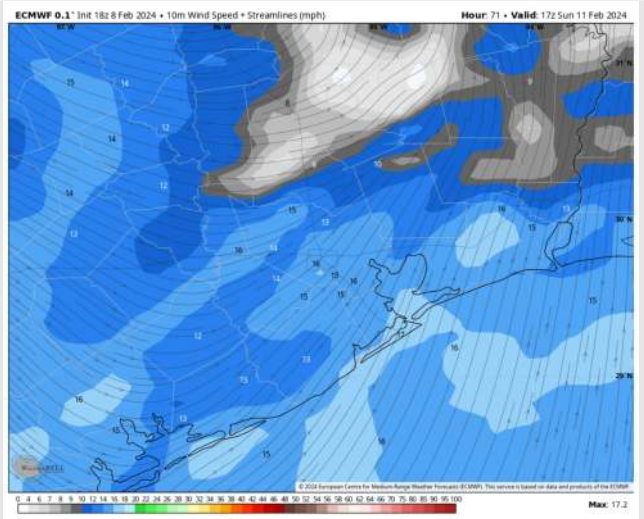
High Temps: **N of Morgan's Point:** Mid 70s F. **S of Morgan's Point:** Mid 60s.

Visibility: 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.

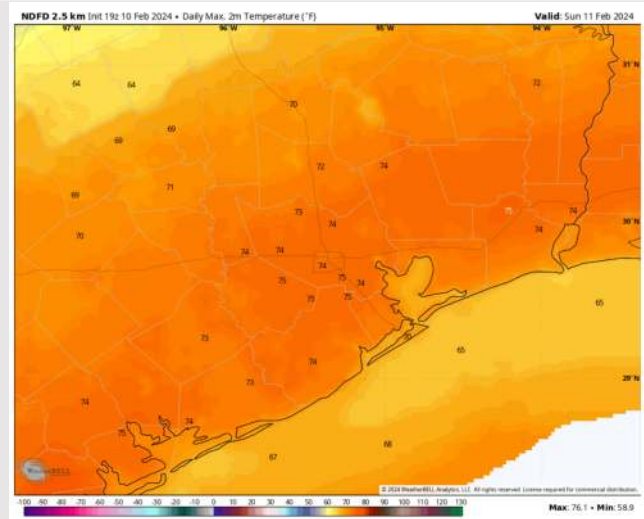
Precip Image: 9 AM CT



**Wind Speed:
11 AM CT**



**High Temps
Sunday**



Houston Pilots: Mon. 2/12/2024



Forecast Discussion

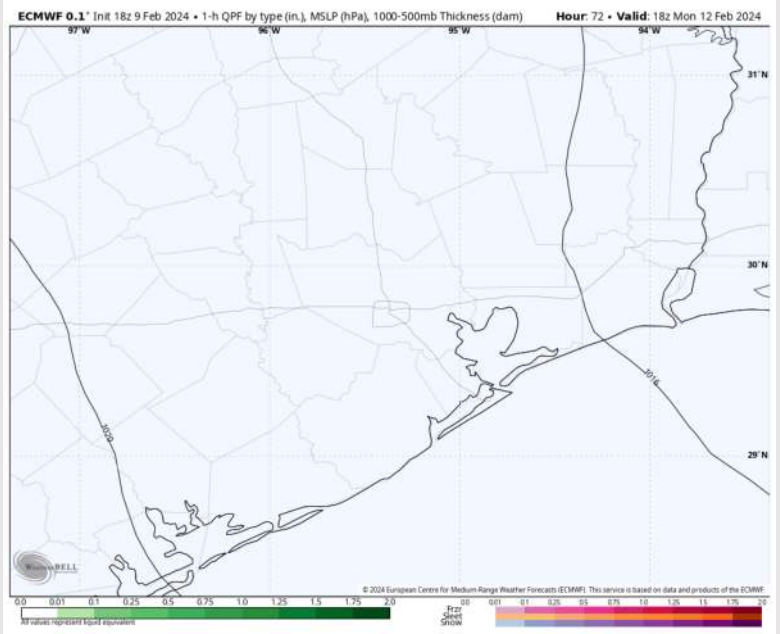
Precip: Favoring dry conditions for Monday

Wind: Winds will remain out of the NW throughout Monday. **N Morgan's Point:** Winds at 13-18 kts through 7 PM, with winds gradually decreasing after that time to 3-8 kts by 12 AM. **S of Morgan's Point:** Winds at 18- 23 kts through 7 PM, at which time they begin a gradual decrease to 4-9 kts by 12 AM. The Boarding Station remains slightly higher at 6-11 kts. **Wind gusts of 25-30 kts possible for all Stations through 7 PM.**

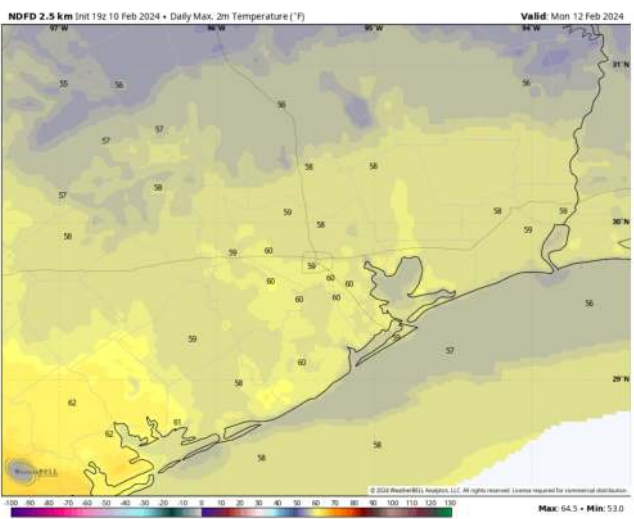
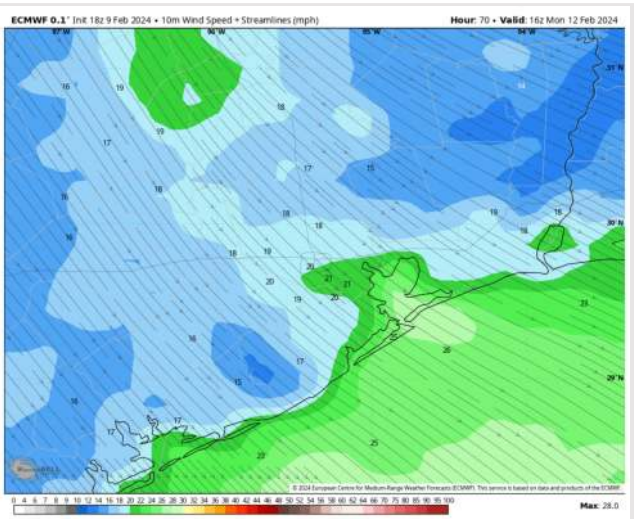
High Temps: **N of Morgan's Point:** Upper 50s F. **S of Morgan's Point:** Mid 50s F.

Visibility: Not anticipating any visibility risks for Monday.

Precip Image: 12 PM CT



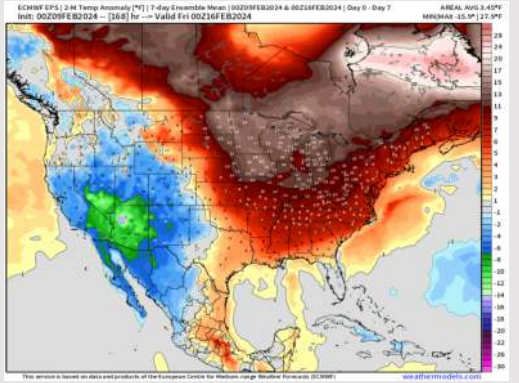
Wind Speed:
10 AM CT



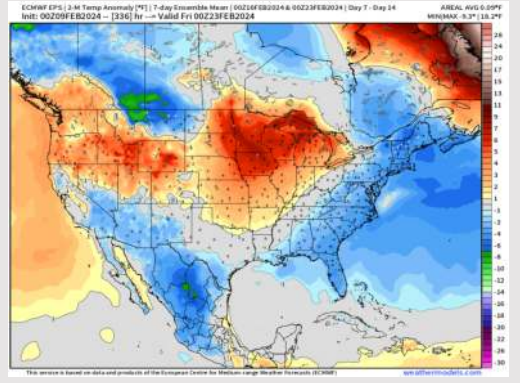
High Temps
Monday

Houston Pilots: 2/10/24

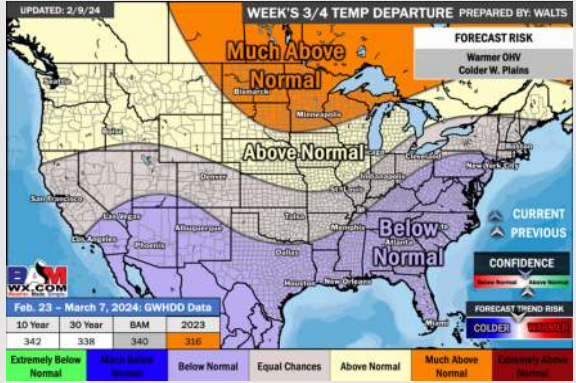
Next 7 Day Temperature Departure



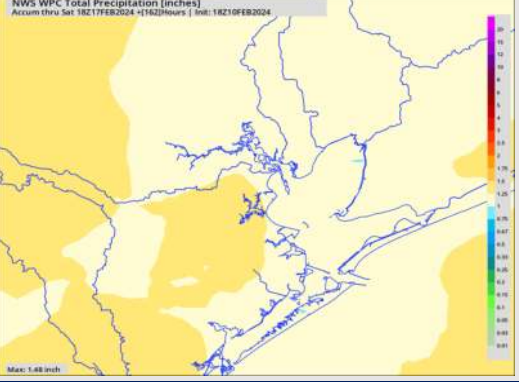
8-14 Day Temperature Departure



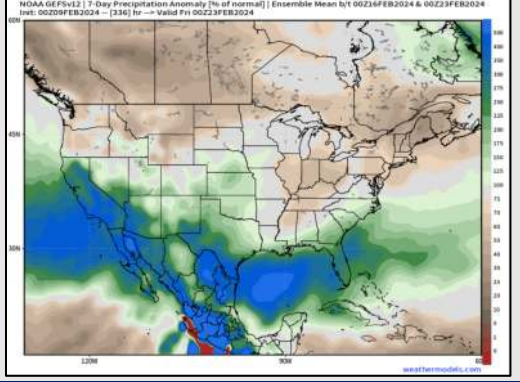
15-30 Day Temperature Departure



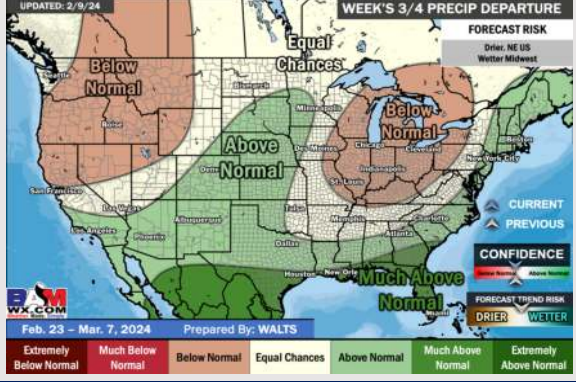
Next 7 Day Total Precipitation



8-14 Day % of Average Precip.



15-30 Day % of Average Precip.



- The active weekend continues, making way for dry conditions to start the next week. Above normal temperatures favored for the week ahead.
- Slightly above normal precipitation chances are at play during the week 2 timeframe. Temps expected to be seasonable to just below normal.
- Below normal temperatures and much above normal chances for precipitation are favored in the weeks 3/4 timeframe.