

Houston Pilots Forecast Package



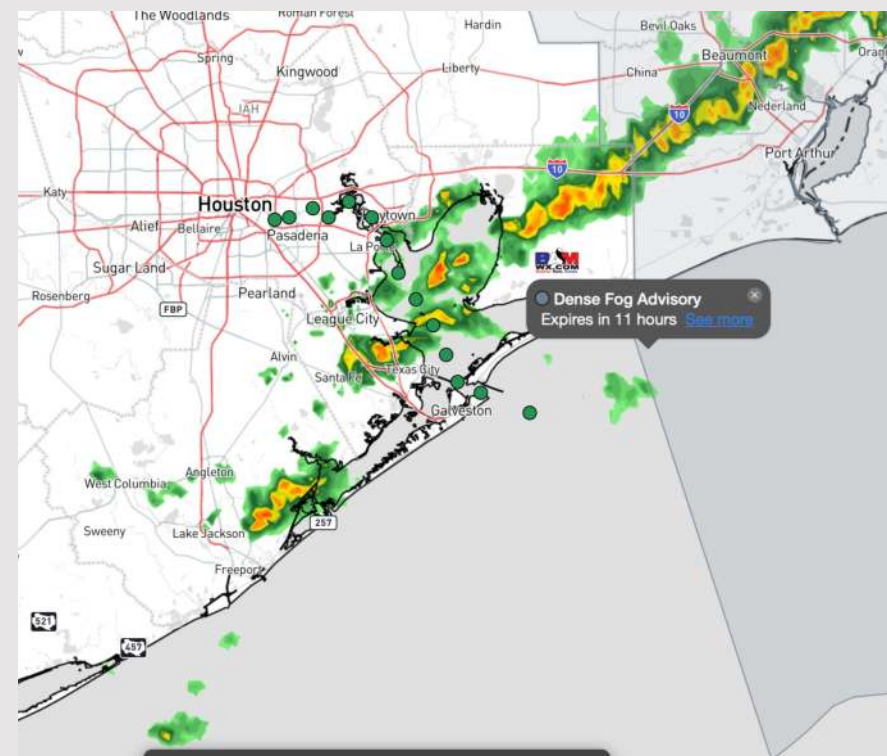
Updated: 6:30 AM CT

Saturday, February 10, 2024

Forecaster: Will Danby

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: 11:50 PM CT

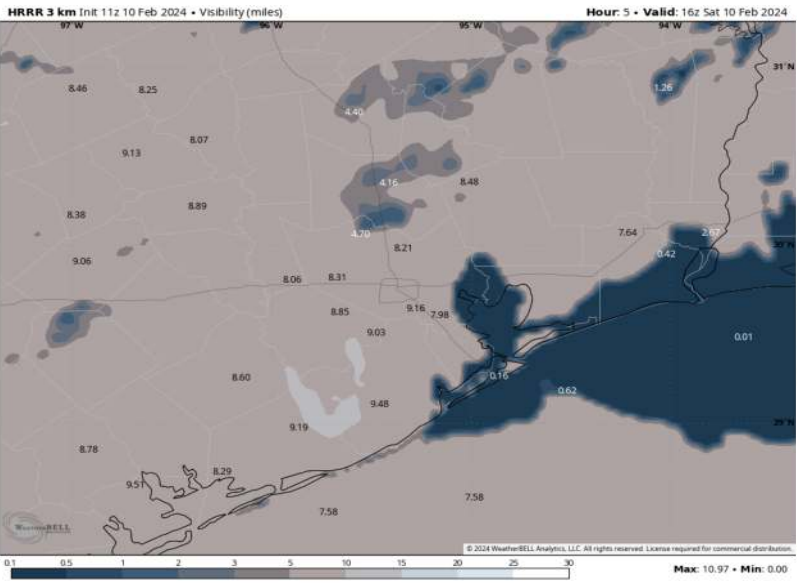


As always, please do not hesitate to reach out to us with any forecast questions via the chat option on Clarity or our on-call number, **(317)-560-8122** press 1 for forecast questions.

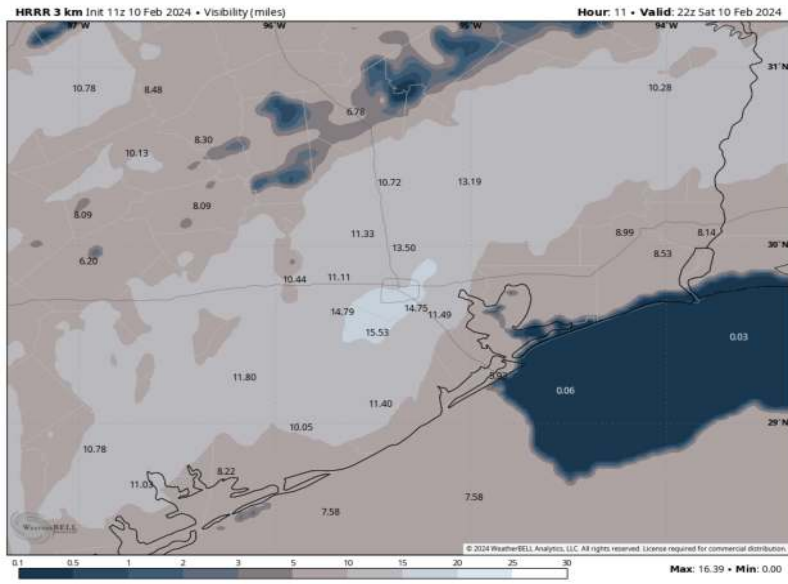
Houston Pilots Visibility Report



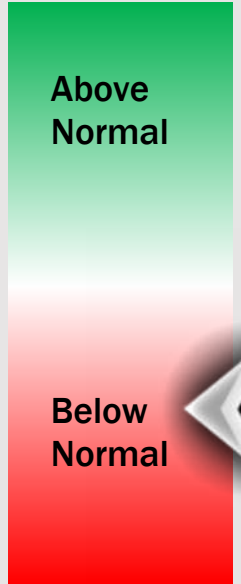
10 AM-CT SAT VISIBILITY



4 PM CT SAT VISIBILITY



Confidence



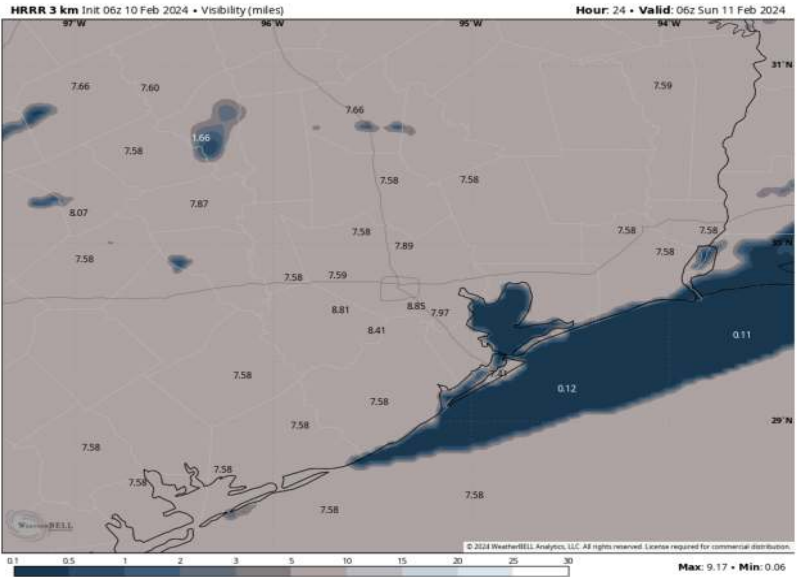
TIMEFRAME DISCUSSED	THREAT
NOW – 12 AM SUN	MED - HIGH

- A fully saturated atmosphere this AM will allow for a mixture of sea fog and drizzle expected to be most continuous for stations 63/64 through 11/12
- Confidence overall is below normal on the overall progression of sea fog chances, but for now through about 10 AM CT locations north of 63/64 will hold the best visibility of 3 -5 mi. After 10 AM this visibility can improve to near normal with some drizzle still possible
- Locations south of 63/64 would have a higher risk for 1-3-mile visibility to continue into the early afternoon. The Boarding Station visibility can be more patchy 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 63/64 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.

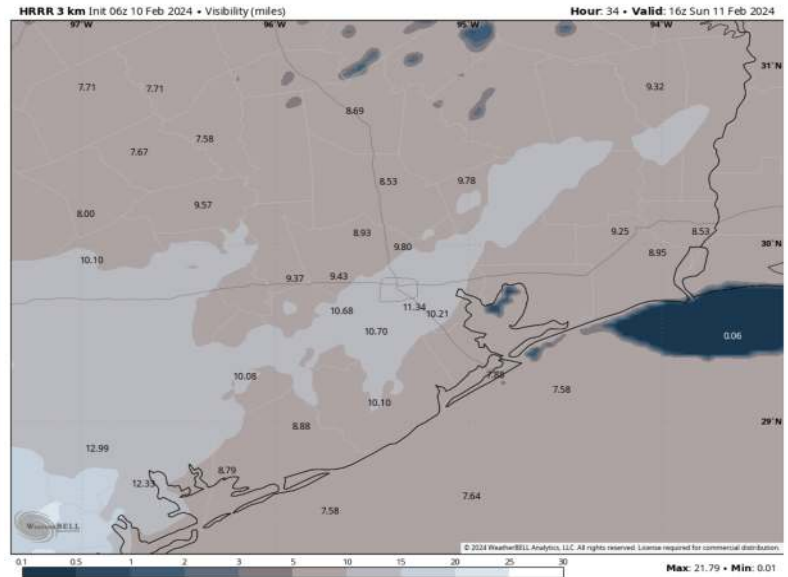
Houston Pilots Visibility Report



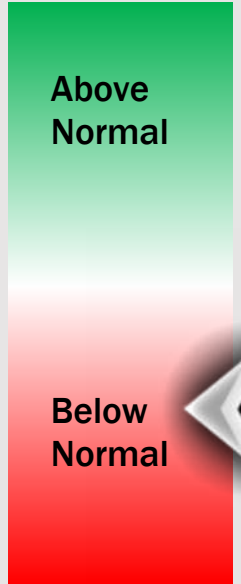
12 AM-CT SUN VISIBILITY



10 AM CT SUN VISIBILITY



Confidence



- As noted from previous slide, there is very low confidence for now on the exit time for sea fog into Sunday AM.
- 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. North of Morgan's Point does not look like it will experience sea fog or reduced visibility
- 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.

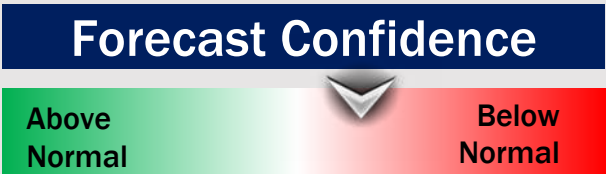
TIMEFRAME DISCUSSED	THREAT
12 AM - 2 PM SUN	MED - HIGH

Houston Pilots Extended Range Visibility Report



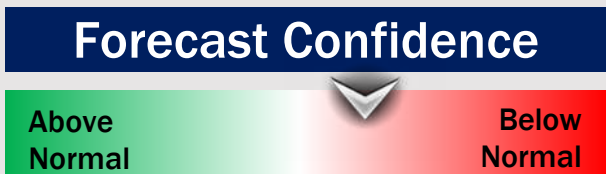
Tuesday 2/13/24

Not favoring fog concerns at this time.



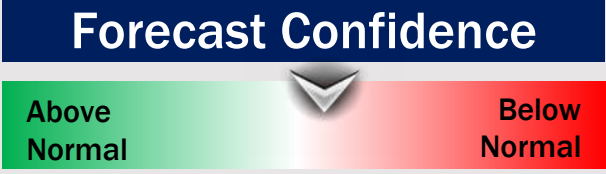
Thursday 2/15/24

Not favoring fog concerns at this time.



Wednesday 2/14/24

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	1	0.3	0.5	1	1	6	3	4	5	6	5	2	5	6	6	6	6	8	8	6	5	4	4	3
Kinder 1	1	0.3	0.3	1	1	6	3	4	5	6	6	2	5	6	6	6	6	8	8	6	6	4	4	3
Greens Bayou	0.5	0.3	0.3	0.8	0.8	2	2	2	5	6	9	3	7	6	6	6	6	8	8	6	6	4	4	3
Shell Crude	0.5	0.3	0.3	0.8	1	2	2	2	5	8	9	3	7	6	6	6	6	8	8	6	6	4	4	3
Lynchburg Ferries	0.5	0.3	0.3	0.3	0.5	1	0.8	2	2	4	9	2	6	6	6	6	6	6	8	6	5	4	4	3
Exxon 3	0.5	0.3	0.3	0.3	0.3	0.8	0.3	0.3	1	2	2	3	5	4	4	4	5	6	6	6	4	4	3	3
Morgans Point	0.5	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2	2	2	2	3	3	3	4	4	5	6	5	4	3	3	2
75/76	0.5	0.5	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.5	2	2	3	2	5	2	2	1	1	0.2	0.2	0.2	0.2	0.2
63/64	0.5	0.5	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.5	2	2	3	2	4	2	2	1	0.7	0.2	0.2	0.2	0.2	0.2
51/52	0.5	0.5	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.5	2	3	3	2	2	2	2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
37/38	0.5	0.3	0.3	0.5	0.5	0.3	0.3	0.3	0.2	2	2	3	7	2	1	1	1	0.2	0.2	0.2	0.2	0.2	0.2	0.2
25/26	0.5	0.3	0.3	0.5	1	0.5	0.3	0.3	0.2	2	2	3	7	8	1	1	1	0.2	0.2	0.2	0.2	0.2	0.2	0.2
11/12	0.5	0.3	0.3	0.5	0.5	0.3	0.3	0.3	0.2	2	2	3	1	1	0.2	0.2	0.2	0.2	0.2	0	0.2	0.2	0.2	0.2
1 & 2 Bravo	0.8	0.3	0.3	0.5	0.5	0.3	0.3	0.3	0.2	0.2	0.7	1	0.8	1	0.2	0	0.2	0.2	0	0	0.2	0.2	0.2	0.2

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

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Houston Pilots: Sat. 2/10/2024



Forecast Discussion

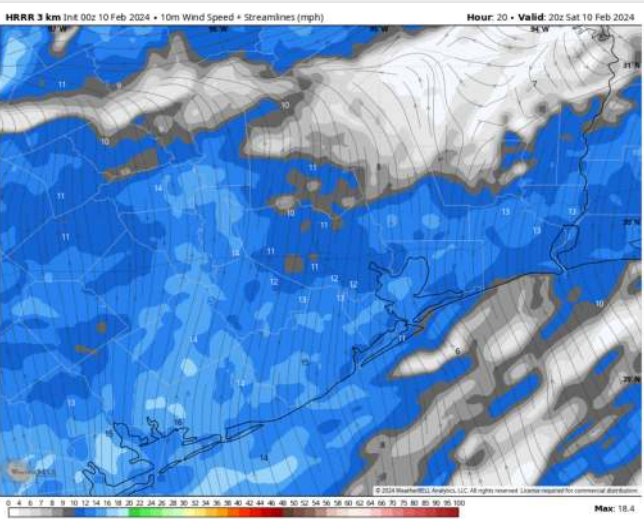
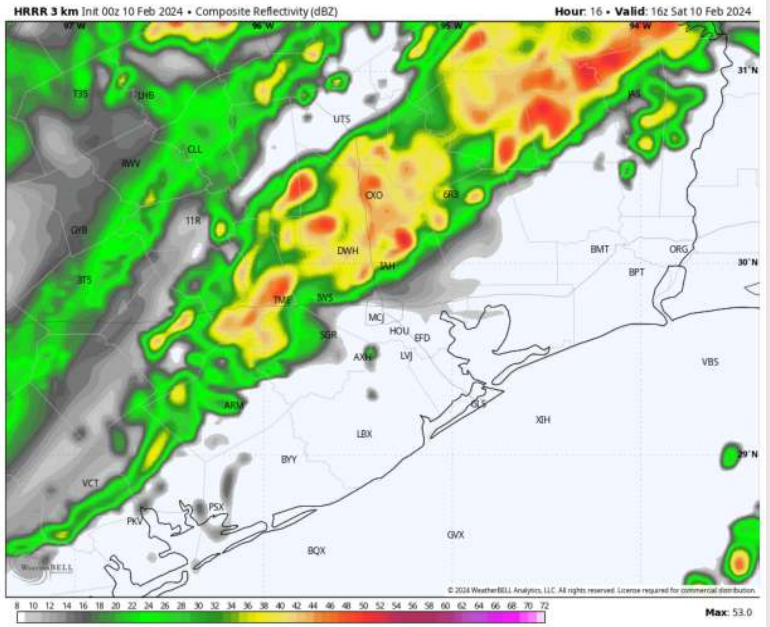
Precip: Light to moderate rain risks will be ongoing during the morning hours (60%), especially N of Morgan's Point, with shower coverage gradually decreasing after 11AM. A few rumbles of thunder cannot be ruled out. From 11 AM through the rest of the PM, there will be a 10% chance of showers at all stations.

Wind: Winds will start out and remain southerly before becoming southwesterly after 8PM. **N of Morgan's Point:** Winds will start at 7 – 10 kts before increasing to 9 – 13 kts after 10AM. **S of Morgan's Point:** Winds will remain at 13 – 17 kts for the entire day. **Gusts of 18 - 23 kts will be possible at all stations after 8AM.**

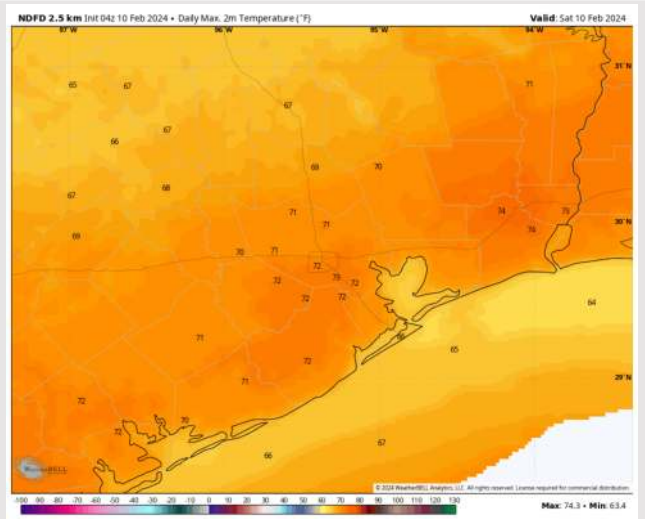
High Temps: **N of Morgan's Point:** Low 70 F. **S of Morgan's Point:** Mid 60s F

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

Precip Image: 10 AM CT



Wind Speed:
2 PM CT



High Temps
Today

Houston Pilots: Sun. 2/11/2024



Forecast Discussion

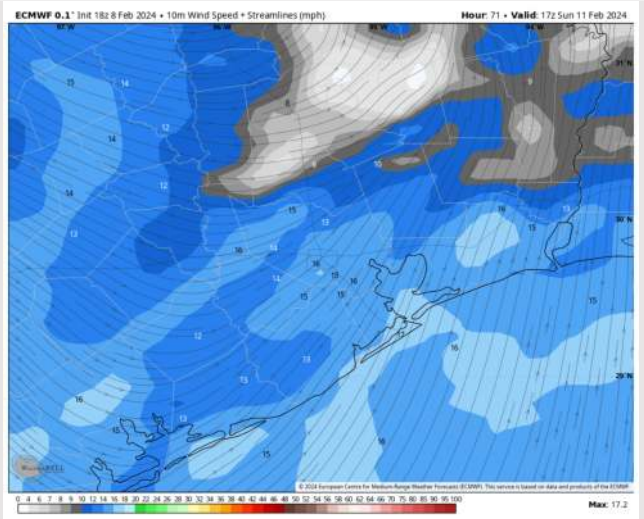
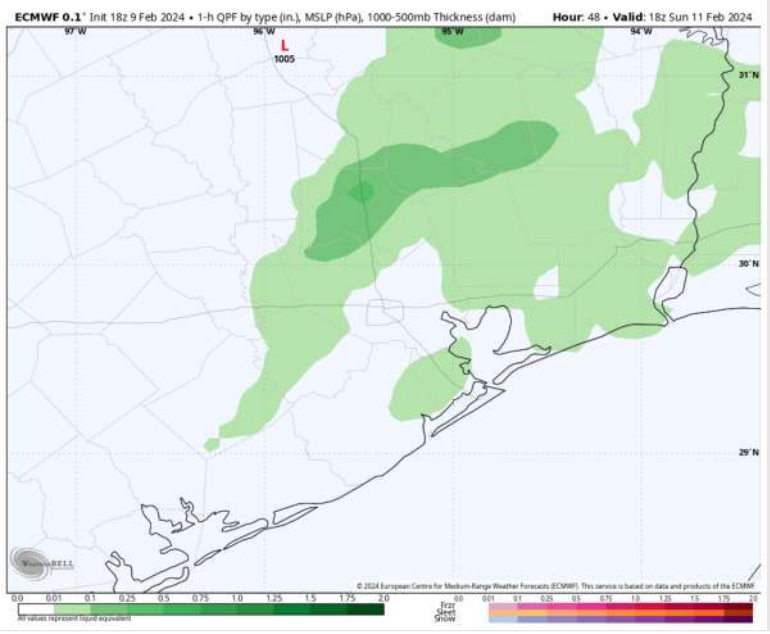
Precip: Favoring light hit/miss drizzle (10% to hang around through ~10 AM. Chances will then increase after 10 AM as scattered moderate to heavy showers enter from the NW in association with a passing front. These scattered showers will linger through 3 PM.

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.**

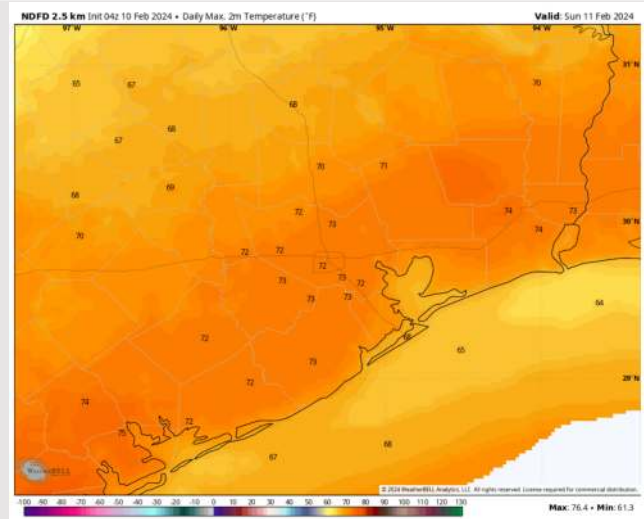
High Temps: **N of Morgan's Point:** Mid 70s F. **S of Morgan's Point:** Mid 60s.

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: 12 PM CT



Wind Speed:
11 AM CT



High Temps
Sunday

Houston Pilots: Mon. 2/12/2024



Forecast Discussion

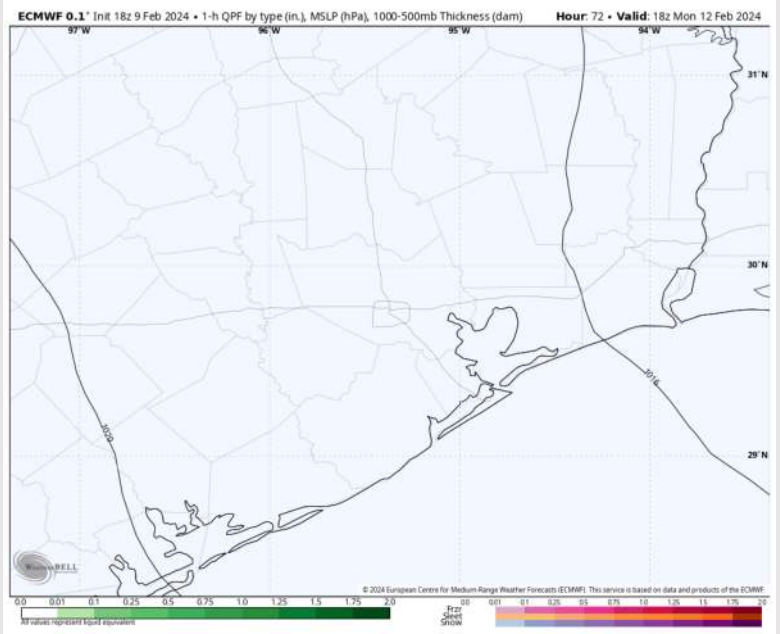
Precip: Favoring dry conditions for Monday

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.**

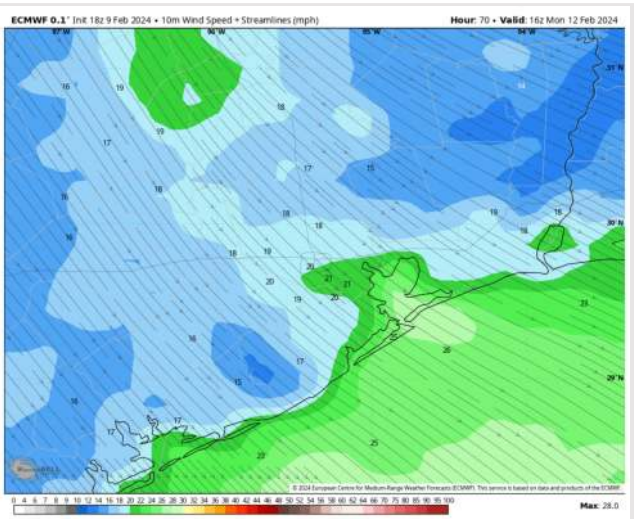
High Temps: **N of Morgan's Point:** Upper 50s F. **S of Morgan's Point:** Mid 50s F.

Visibility: Not anticipating any visibility risks for Monday.

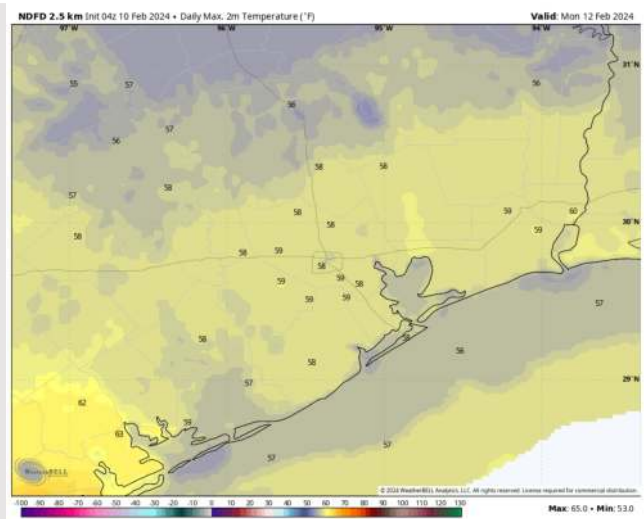
Precip Image: 12 PM CT



Wind Speed:
10 AM CT

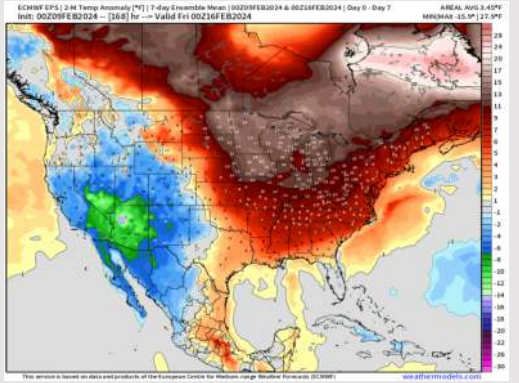


High Temps
Monday

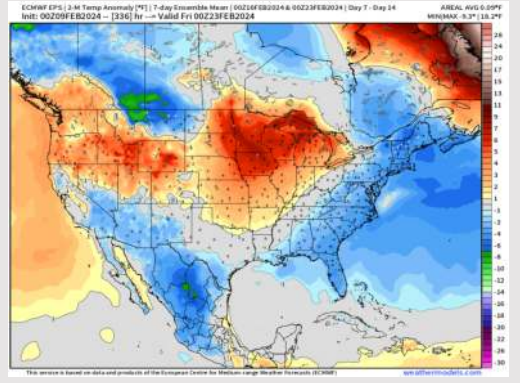


Houston Pilots: 2/10/24

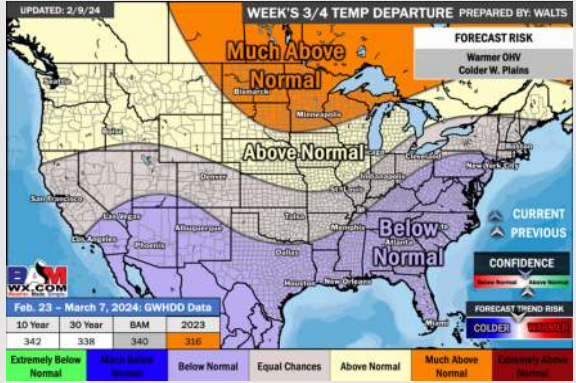
Next 7 Day Temperature Departure



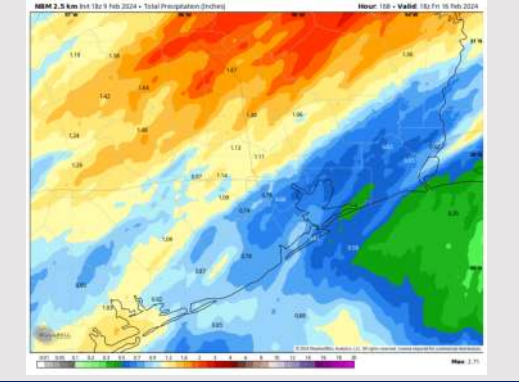
8-14 Day Temperature Departure



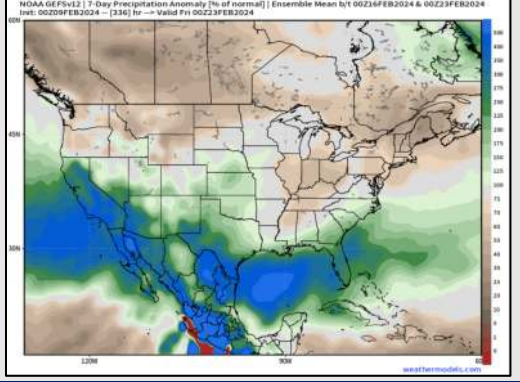
15-30 Day Temperature Departure



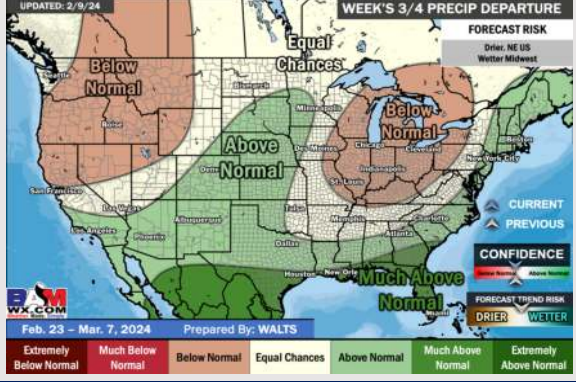
Next 7 Day Total Precipitation



8-14 Day % of Average Precip.



15-30 Day % of Average Precip.



- A weak front is pressing through today bringing light scattered rain. Following this front will be a more active weekend. 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.