

# Houston Pilots Forecast Package



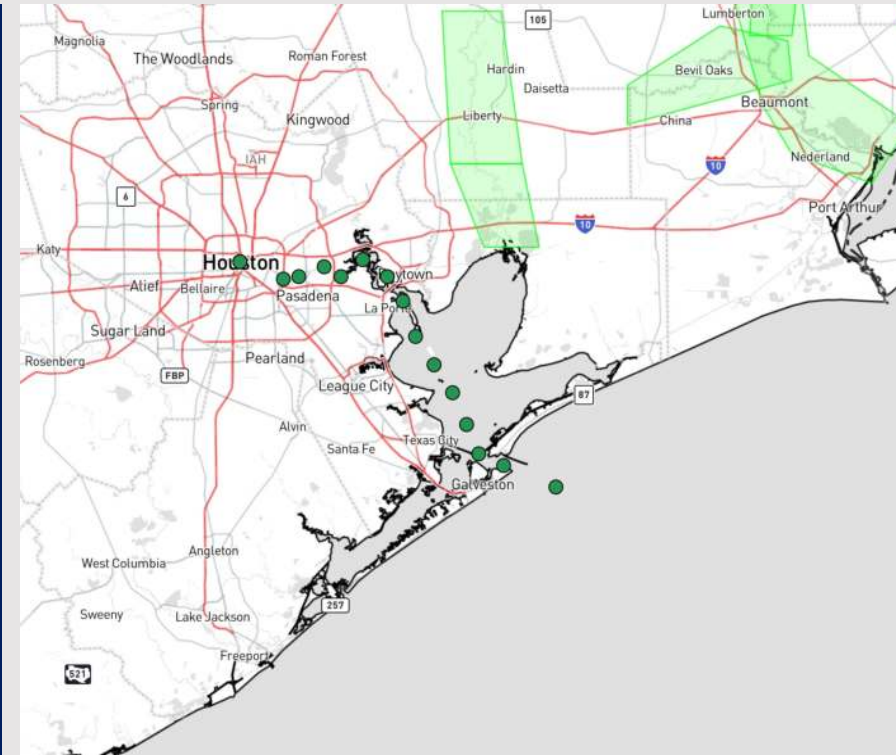
Updated: 2:40 PM CT

Friday, February 2, 2024

Forecaster: Alyssa Elliott

## Weather Headlines

- Gustier winds of 20 – 30 kts will be possible throughout the rest of the evening out ahead of front moving in overnight.
- 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 Saturday Morning, less active period favored to continue.



**Radar/NWS Alerts: 2:30 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.

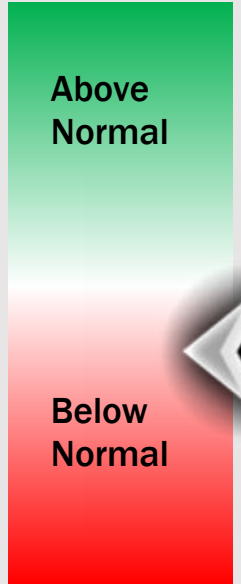
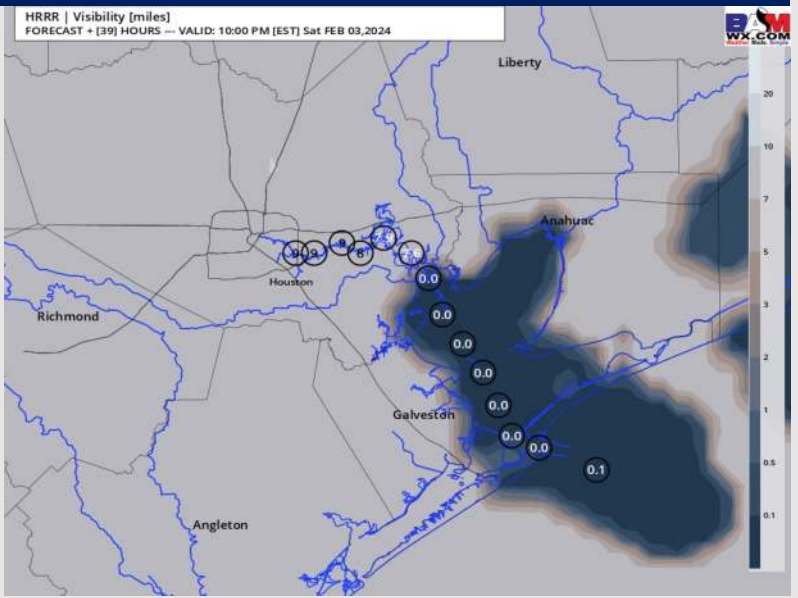
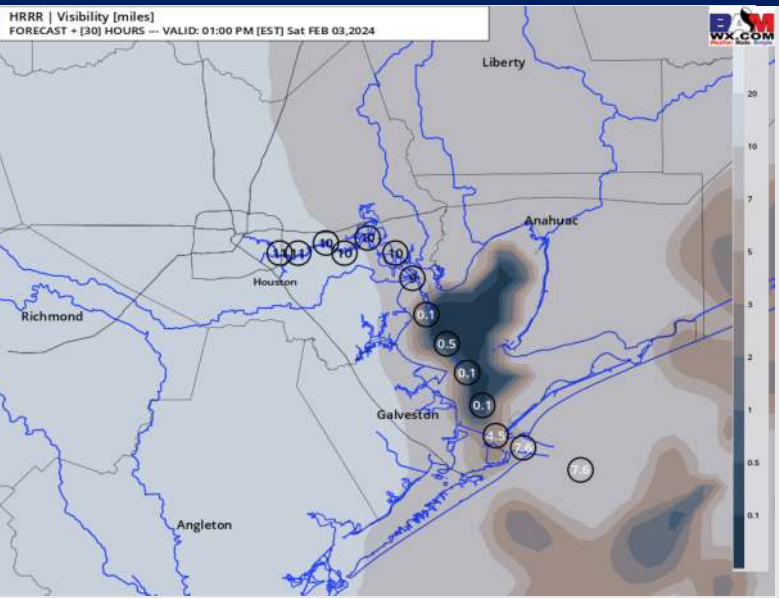
# Houston Pilots Visibility Report



## 12 PM CT SAT Visibility

## 9 PM CT SAT Visibility

## Confidence



TIMEFRAME DISCUSSED	THREAT
11 AM SAT - 2 AM SUN	Low - Med

- There is slightly higher than normal confidence for seeing fog Saturday PM and Sunday AM, however confidence remains slightly below normal for exact timing of fog development as it will be dependent on the exit of storms and gustier winds.
- Anticipating patchy fog to begin to develop within the Bay around 11 AM-CT as storms exit the area. The first stations likely to see impacts with visibility of 1 - 3 miles will be Morgan's Point town to station 51/52.
- By 8 PM, favoring fog to increase in coverage, where it will be patchy for stations N of Morgan's Point and more widespread for stations S of Morgan's Point. Between 8 PM - 1 AM-CT, there is a likely risk visibility will be reduced to less than 1 mile, with frequent instances of visibility down to 0.25 mile.
- After 1 AM-CT, fog will begin to push just E. of stations, moving further into the E. half of the Bay as winds gradually shift more out of the East. By ~2 AM-CT Sunday fog is favored to be cleared up, restoring visibility.

# Houston Pilots Extended Range Visibility Report



## Monday 2/5/24

Not favoring fog concerns at this time.



## Tuesday 2/6/24

Not favoring fog concerns at this time.



## Wednesday 2/7/24

Not favoring fog concerns at this time.



## Chance for Fog

Monday AM	Unlikely
Monday PM	Unlikely
Tuesday AM	Unlikely
Tuesday PM	Unlikely
Wednesday AM	Unlikely
Wednesday PM	Unlikely

# Houston Pilots Visibility Chart (miles)



## Forecast Confidence



Time	Fri 1pm	Fri 2pm	Fri 3pm	Fri 4pm	Fri 5pm	Fri 6pm	Fri 7pm	Fri 8pm	Fri 9pm	Fri 10pm	Fri 11pm	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
610 Bridge	10	10	10	10	10	10	10	10	10	10	7	6	4	2	2	2	1	1	1	1	2	3	6	10
Kinder 1	10	10	10	10	10	10	10	10	10	10	7	6	4	2	2	2	1	1	1	1	2	3	6	10
Greens Bayou	10	10	10	10	10	10	10	10	10	10	7	6	4	2	2	2	2	1	1	1	2	3	5	10
Shell Crude	10	10	10	10	10	10	10	10	10	10	9	6	4	2	2	2	2	1	1	1	2	3	5	10
Lynchburg Ferries	10	10	10	10	10	10	10	10	10	10	7	6	4	2	2	2	2	1	1	1	2	3	5	10
Exxon 3	10	10	10	10	10	10	10	10	10	10	7	6	4	2	2	2	2	2	1	1	2	3	5	9
Morgans Point	10	10	10	10	10	10	10	10	10	10	9	6	4	2	2	2	2	2	1	1	2	2	4	6
75/76	10	10	10	10	10	10	10	10	10	10	10	9	6	2	2	0.1	0.2	0.2	0.1	0.5	0.1	0.1	0.1	1
63/64	10	10	10	10	10	10	10	10	10	10	10	9	6	2	2	0.1	0.2	0.2	0.1	0.5	0.1	0.1	0.1	1
51/52	10	10	10	10	10	10	10	10	10	10	10	9	6	4	2	0.1	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.8
37/38	10	10	10	10	10	10	10	10	10	10	10	9	6	4	3	0.1	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.5
25/26	10	10	10	10	10	10	10	10	10	10	10	9	6	4	3	0.1	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.3
11/12	10	10	10	10	10	10	10	10	10	10	10	9	6	6	3	0.1	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1
1 & 2 Bravo	10	10	10	10	10	10	10	10	10	9	9	7	6	6	3	1	1	0.2	0.1	0.1	0.1	0.1	0.1	0.1

**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	Fri 1pm	Fri 2pm	Fri 3pm	Fri 4pm	Fri 5pm	Fri 6pm	Fri 7pm	Fri 8pm	Fri 9pm	Fri 10pm	Fri 11pm	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
610 Bridge	10	10	11	11	10	10	11	11	10	10	11	11	11	10	11	11	11	11	9	7	7	7	5	5
	21	21	22	22	20	21	21	21	20	20	21	21	21	21	21	21	23	21	17	13	13	13	11	10
	SSE	SSE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SSE	S	SSE	SSE	SSE	SSE	N	NE	SE	W	WSW
Kinder 1	10	10	11	11	10	10	11	11	10	10	11	11	11	10	11	11	11	10	9	7	7	6	5	5
	21	21	22	22	20	21	21	21	21	21	22	21	21	21	21	21	23	21	19	13	14	13	12	10
	SSE	SSE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SSE	S	SSE	SSE	SSE	SE	N	NE	SE	W	WSW
Greens Bayou	10	11	11	11	11	11	11	10	10	11	11	11	11	10	11	11	11	10	9	7	7	6	5	5
	20	21	21	22	21	21	21	21	21	22	21	23	22	21	22	22	21	20	19	13	13	13	12	10
	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SSE	S	SE	SSE	SSE	SE	S	NNE	SE	WNW	SSW	
Shell Crude	10	11	11	11	10	10	11	11	10	11	11	11	11	11	11	11	10	9	7	7	7	6	5	5
	20	21	21	21	21	21	21	21	21	22	21	23	22	21	22	22	21	20	20	13	14	13	12	10
	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	S	SSE	SSE	SSE	SSE	S	N	SE	WNW	SSW
Lynchburg Ferries	11	11	11	11	10	10	11	11	11	11	12	11	11	11	11	11	11	9	9	7	7	7	6	5
	21	21	22	22	21	21	21	22	22	22	24	22	21	21	23	21	21	18	19	14	14	13	12	10
	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SSE	S	SE	SSE	SSE	SSE	SSE	ENE	SE	ENE
Exxon 3	11	12	12	13	12	13	12	13	13	14	15	14	14	14	14	13	13	12	11	9	7	7	7	5
	20	21	22	22	21	22	23	25	24	22	24	21	23	22	22	23	22	20	20	16	15	14	13	11
	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SSE	SSE	SE	SSE	SSE	SSE	S	E	SSE	ESE	S
Morgans Point	11	11	12	12	11	12	12	13	13	13	13	13	13	14	13	13	13	11	11	9	7	7	7	5
	19	21	21	21	21	21	21	21	21	21	21	20	21	21	21	22	21	20	20	17	15	14	13	11
	SE	SE	SE	SE	SE	SE	ESE	SE	SE	SE	SE	SE	SE	SE	SSE	SE	SE	SE	SE	N	NNE	SE	ESE	SSE
75/76	11	12	13	15	14	16	16	15	15	15	16	16	16	17	17	16	17	16	14	12	10	8	7	7
	21	21	22	23	21	23	23	22	22	22	23	23	23	24	24	23	25	23	21	17	16	15	15	13
	SE	SE	SE	SE	SE	ESE	ESE	SE	SE	SE	SE	SE	SE	SE	SSE	SE	SE	SE	SE	SSE	ENE	SE	E	SE
63/64	11	12	13	13	14	15	15	15	14	15	14	14	15	15	15	15	16	15	14	12	11	9	7	7
	21	21	21	21	21	21	21	21	21	21	21	21	21	22	21	22	23	21	20	17	17	16	15	13
	SE	SE	SE	SE	ESE	ESE	ESE	ESE	SE	SE	SE	SE	SE	S	SE	SE	SE	SE	SE	SSE	NE	SE	E	ESE
51/52	11	11	12	12	13	13	14	13	13	13	13	13	14	13	13	14	14	15	13	11	10	8	7	7
	20	20	20	20	19	20	19	20	19	18	20	19	20	19	20	21	21	22	19	17	18	14	14	13
	SE	SE	SE	ESE	ESE	ESE	ESE	ESE	SE	SE	SE	SE	SE	SE	SSE	SE	SE	SE	SE	SSE	NW	E	E	ESE
37/38	11	11	11	12	13	13	13	12	12	13	13	13	13	12	14	14	13	15	13	11	10	9	7	7
	19	19	19	20	19	19	19	18	18	18	20	18	19	19	21	21	20	21	20	17	17	15	14	13
	SE	SE	SE	ESE	ESE	ESE	ESE	ESE	SE	SE	SE	SE	SE	SSE	SE	SE	SE	SE	SSE	SSE	W	ENE	E	SE
25/26	12	11	12	12	12	12	12	11	11	11	12	11	13	12	13	13	13	13	13	10	9	9	8	7
	18	18	19	19	18	17	18	17	17	17	18	17	18	20	21	21	20	20	20	17	18	14	13	13
	SE	SE	SE	ESE	ESE	ESE	ESE	ESE	SE	SE	SE	SE	SE	SSE	SE	SE	SE	SE	SSE	SSE	W	NNE	E	SE
11/12	11	11	11	12	11	11	11	10	10	10	11	11	10	11	12	12	11	13	11	9	8	9	8	7
	16	16	18	17	16	16	16	15	16	17	17	15	16	17	19	19	18	19	19	16	14	14	13	13
	SE	SE	ESE	ESE	ESE	ESE	ESE	ESE	SE	SE	SE	SE	SE	SE	SSE	SE	SE	SSE	SE	SSE	SSW	NW	E	SE
1 & 2 Bravo	11	11	11	13	13	13	13	13	13	13	14	13	13	14	15	15	14	15	14	11	11	11	9	8
	16	17	17	19	19	19	19	19	20	20	21	20	19	21	21	21	21	22	23	20	19	18	16	14
	SE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SSE	SE	SSE	WNW	E	ESE

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: Fri. 2/2/2024



## Forecast Discussion

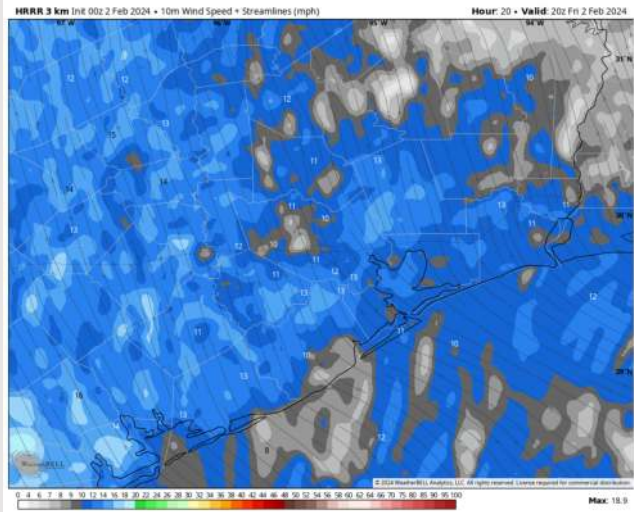
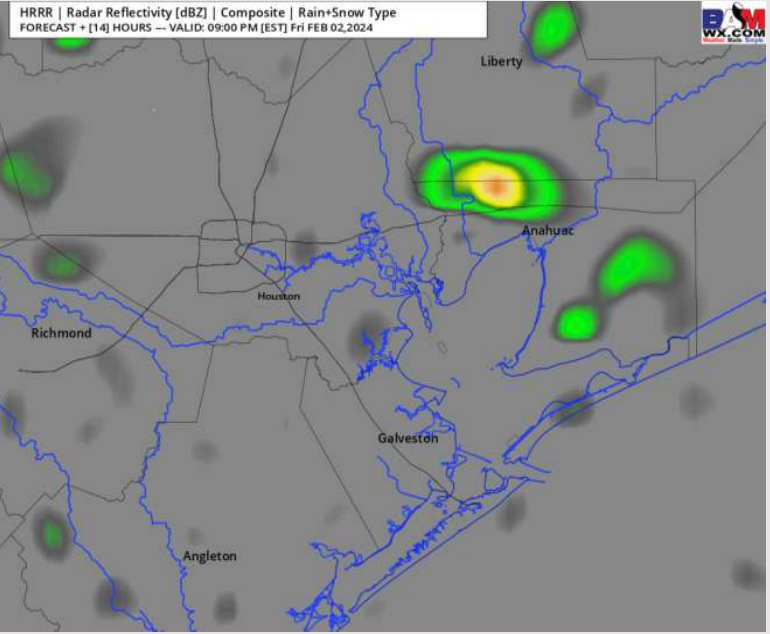
**Precip:** Pockets of drizzle will be possible through the rest of the afternoon with scattered showers and a few storms working in around 8 PM-CT. These showers and storms will continue through the rest of the evening. Main storm line favored to impact area Saturday AM.

**Wind:** Winds will remain out of the southeast for the rest of the day. **N Morgan's Point:** Winds will sit at 10-15 kts for the remainder of the day. **S of Morgan's Point:** 13 – 18 kt winds favored for the rest of the day. **Gusts of 25 – 30 kts possible for all stations through the evening.**

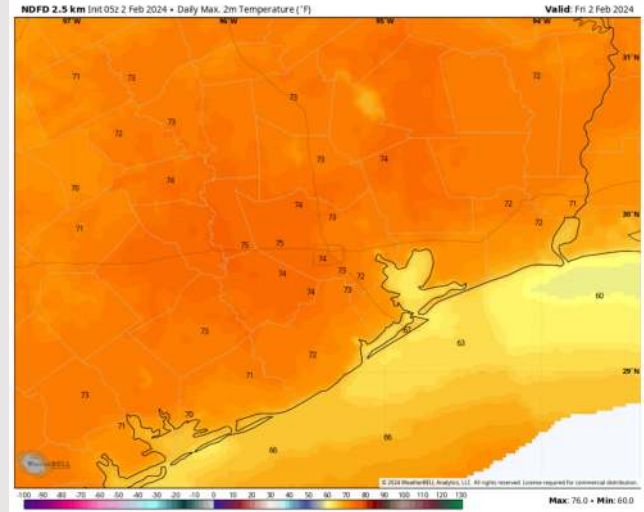
**Low Temps:** **N of Morgan's Point:** Upper 50s to Low 60s F **S of Morgan's Point:** Mid 50s F.

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

## Precip Image: 8 PM CT



Wind Speed:  
2 PM CT



Low Temps  
Saturday

# Houston Pilots: sat. 2/3/2024



## Forecast Discussion

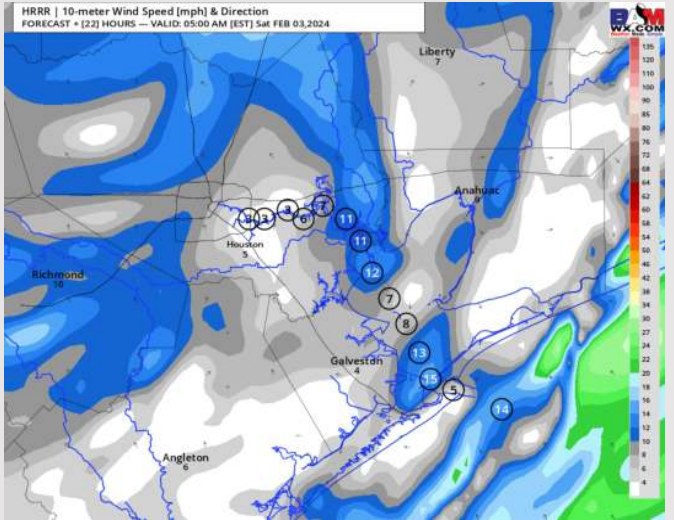
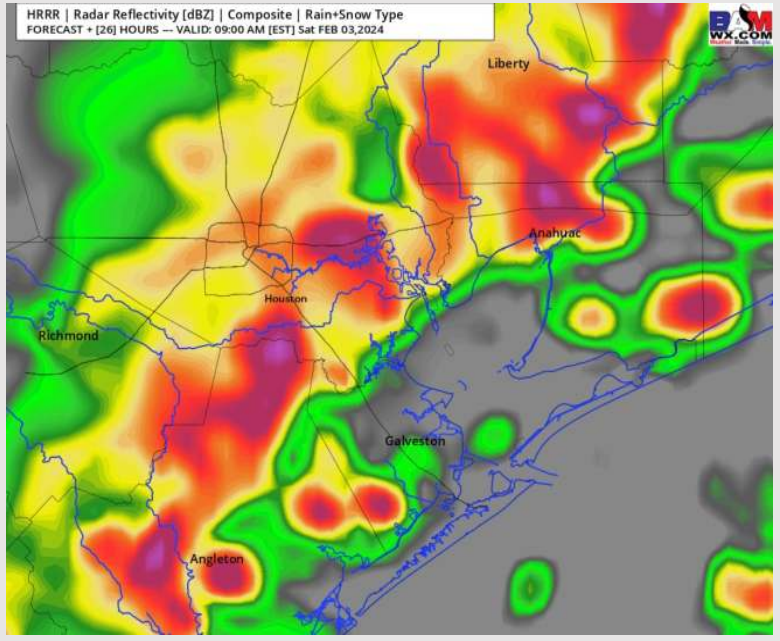
**Precip:** Scattered showers and storms are expected to move through from the NW to the SE throughout the early AM. A couple broken lines of strong storms will then push through between 2 AM – 11 AM-CT. An isolated severe storm will be possible. Lightning, stronger wind gusts and a very isolated pocket of hail cannot be ruled out. A few light scattered showers will follow through 11 AM-CT, leaving all stations dry then for the rest of the day.

**Wind:** Winds will remain will remain variable throughout the AM hours on Saturday as storms work through the area. From 6 AM - 11 AM-CT, winds over the Gulf with shift out of the ESE until the front has completely passed the Boarding Station. Then winds will once again become more variable. **N Morgan's Point:** 8 – 13 kts through 9 AM-Ct, then winds will calm to 2-7 kts for the rest of the day. **S of Morgan's Point:** Winds will be at 8 – 13 kts through 8 AM-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 30 -40 kts under the strongest cells.

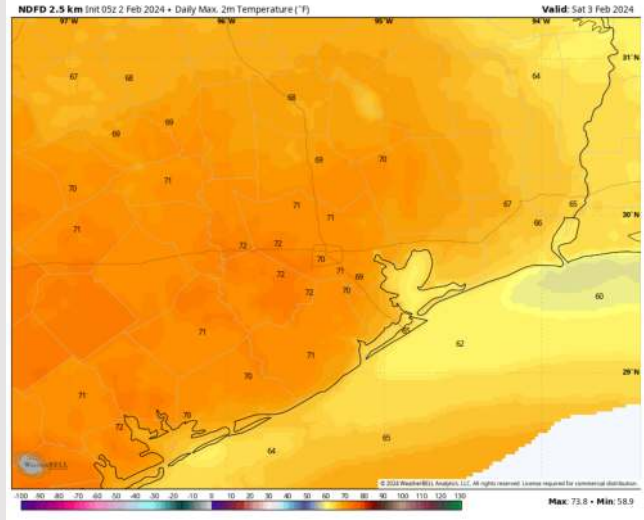
**High Temps:** **N of Morgan's Point:** Low 60s F. **S of Morgan's Point:** Mid to Upper 60s F.

**Visibility:** Patchy / patchy dense fog risk will be in play behind the storms early Saturday afternoon with chances continuing into Sunday AM.

## Precip Image: 8 AM CT



Wind Speed:  
4 AM CT



High Temps  
Saturday

# Houston Pilots: Sun. 2/4/2024



## Forecast Discussion

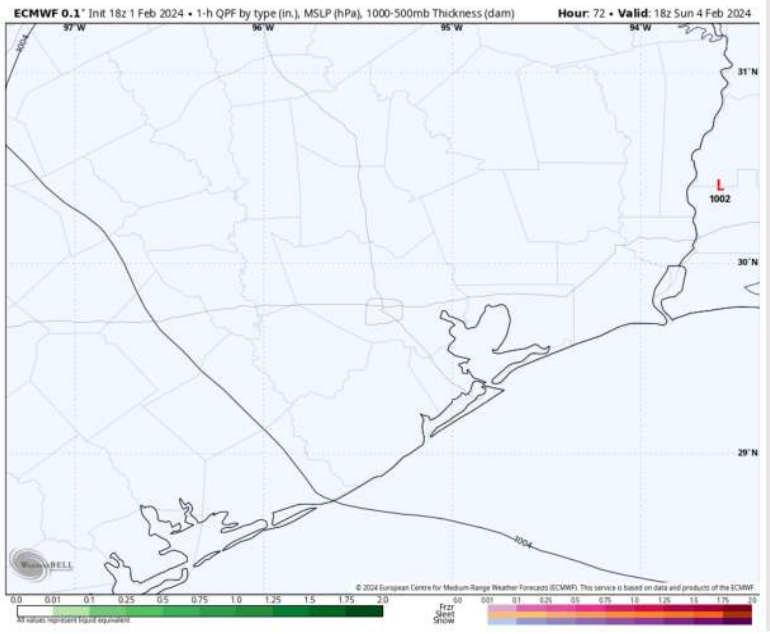
**Precip:** Dry conditions favored for Sunday.

**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.**

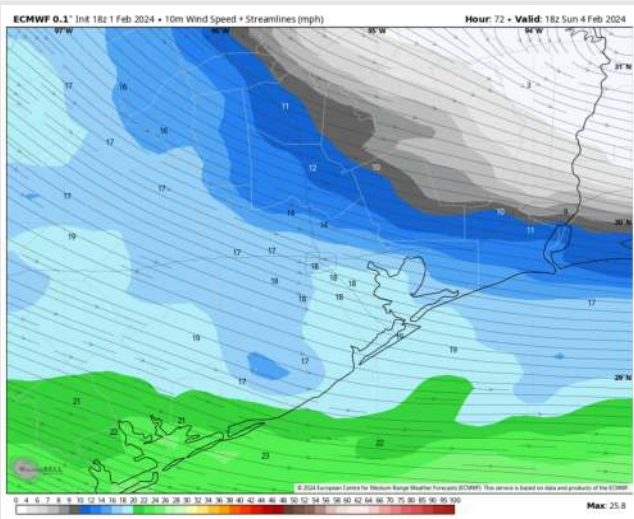
**High Temps:** **N of Morgan's Point:** Mid 60s F. **S of Morgan's Point:** Low 60s F

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

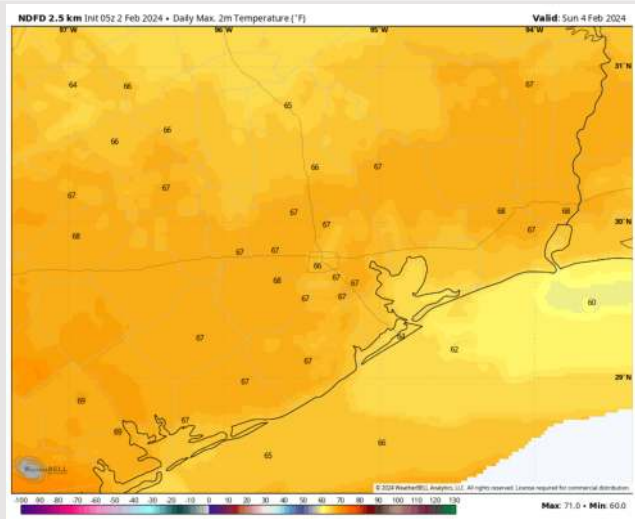
## Precip Image: 12 PM CT



Wind Speed:  
12 PM CT



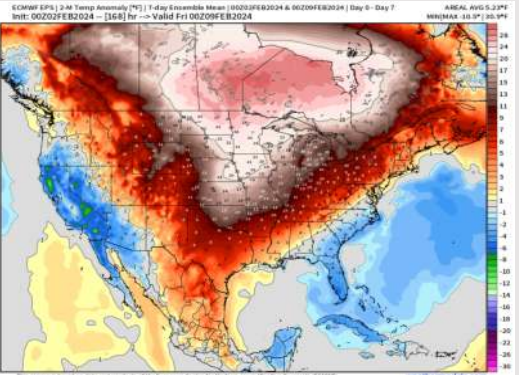
High Temps  
Sunday



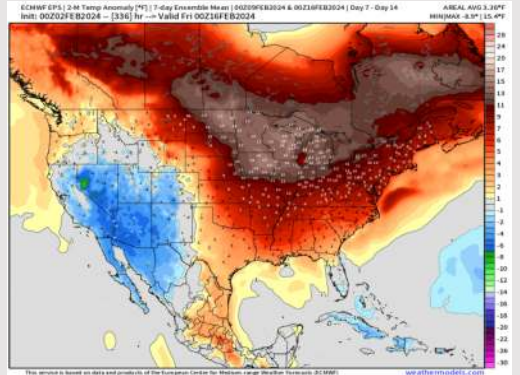


# Houston Pilots: 2/2/24

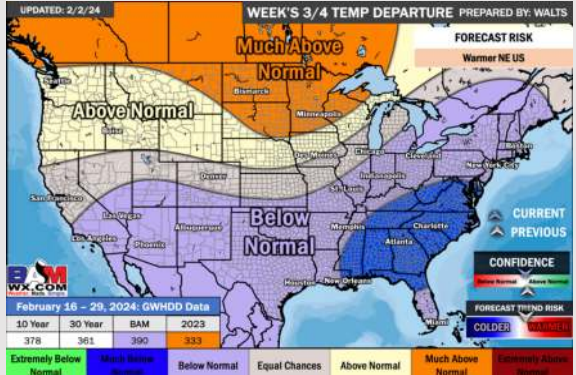
**Next 7 Day Temperature Departure**



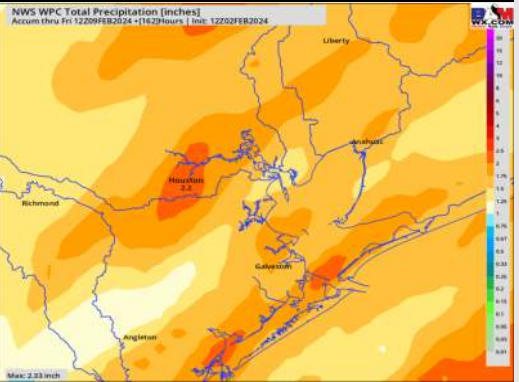
**8-14 Day Temperature Departure**



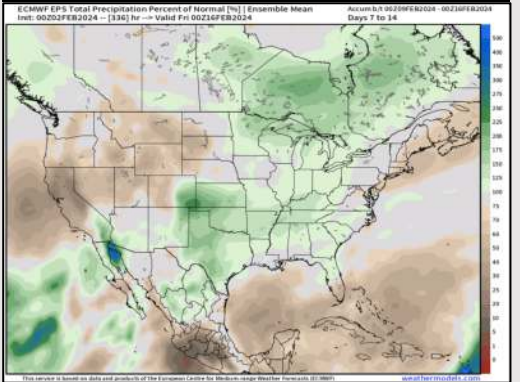
**15-30 Day Temperature Departure**



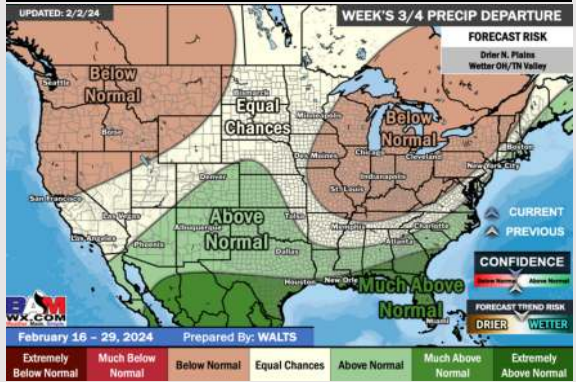
**Next 7 Day Total Precipitation**



**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.