Houston Pilots Forecast Package

Updated: 12:00 AM CT

Saturday, January 27, 2024



Forecaster: Tyler Riggles

Weather Headlines

- Anticipating a low-end shower risk this morning before a dry pattern moves in for the rest of the weekend.
- Winds will pick up today with some gusts of up to 20 kts in play. Winds will then be on a declining trend through the weekend.
- Sea fog threats tapering off this morning with the passing of a weak front. Please see visibility slide for more info.



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 the Weather Porthole or our on-call number, (317)-560-8122 press 1 for forecast questions.

Houston Pilots Visibility Report

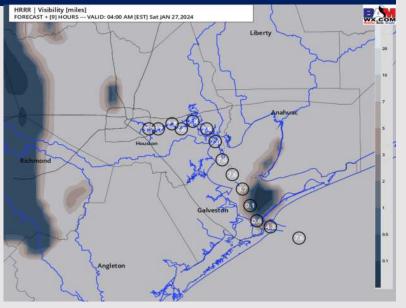




Current Visibility (~11:30 PM CT)

Spring Kingwood Port Arthur Houston La Forte Sugar Land Fexas City Galveston Angleton Angleton

3 AM CT SAT Visibility



Confidence



TIMEFRAME THREAT DISCUSSED

CURRENT - 5 AM SAT

Med - High

- ➤ Dense sea fog mixed in with passing showers will continue to be a risk into the AM hours SAT. The greatest risk into the overnight hours for widespread coverage will be S of Morgan's Point with fog being patchy N of Morgan's Point.
- ➤ N of Morgan's Point: As scattered showers continue to push out of the area, visibilities of 2-4 miles will continue through ~1 AM CT SAT. An isolated pocket of fog mixing in through the early AM SAT, reducing visibility to less than 1 mile, cannot be ruled out.
- ➤ S of Morgan's Point: Through 5 AM-CT SAT, fog will gradually be pushed out by the front traveling SE. Anticipating fog clears the Boarding Station by 5 AM-CT, ending the reduced visibility threat. It is possible the threat could end slightly sooner early Sat AM.

Houston Pilots Extended Range Visibility Report





Tuesday 1/30/24

No visibility concerns favored for Tuesday.

Wednesday 1/31/24

No visibility concerns favored for Wednesday.

Forecast Confidence

Above Below Normal Normal

Forecast Confidence

Above Below Normal Normal

Thursday 2/1/24

No visibility concerns favored for Thursday.

Chance for Fog

Tuesday AM Unlikely

Tuesday PM Unlikely

Wednesday AM Unlikely

Wednesday PM Unlikely

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Thursday PM Unlikely
Unlikely

Forecast Confidence

Above Below Normal Normal

Houston Pilots Visibility Chart (miles)





Forecast Confidence

Above Below Normal Normal

Time	11pm	12am	1am	2am	3am	4am	5am	6am	7am	8am	9am	10am	11am	12pm	1pm	2pm	3pm	4pm	5pm	6pm	7pm	8pm	9pm	10pm	11pm	12am	1am	2am	3am	4am	5am	6am	7am	8am	9am	10am
610 Bridge	4	3	2	2	2	2	2	2	2	2	6	9	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
Kinder 1	4	3	2	2	2	2	2	2	2	2	6	9	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
Greens Bayou	4	3	2	2	2	2	2	2	2	3	6	9	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
Shell Crude	5	5	2	2	2	2	2	2	2	4	6	9	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
Lynchburg Ferries	5	5	2	2	2	2	2	2	2	4	6	9	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
Exxon 3	5	5	2	2	2	2	3	2	3	4	6	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
Morgans Point	5	5	2	2	2	2	3	3	3	4	6	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
75/76	5	5	2	2	2	2	3	3	3	4	6	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
63/64	5	5	2	2	1	2	3	3	3	4	6	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
51/52	4	3	2	2	0.77	2	3	3	3	3	6	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
37/38	2	3	2	2	1	2	3	2	3	3	6	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
25/26	2	3	2	2	2	2	3	2	2	3	6	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
11/12	2	3	2	2	2	1	3	2	2	3	5	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	9	10	10
1 & 2 Bravo	1	2	2	2	2	0.83	2	2	2	2	5	8	10	10	10	10	9	9	9	10	10	10	10	10	9	9	10	9	9	9	9	9	10	10	9	9

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Houston Pilots Wind Chart







Sustained wind 13 Knots

Gusts 18 Knots

Wind from the N

Example

WS: 13

G:18

N

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

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Houston Pilots: Sat. 01/27/2024





Forecast Discussion

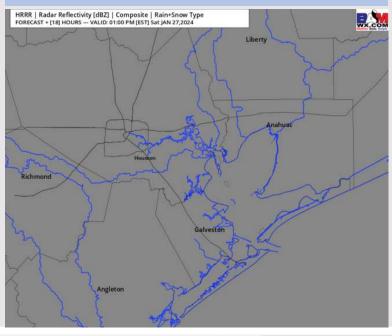
Precip: A low-end risk (10%) for isolated light showers will be possible for stations N of Morgan's Point through 12 PM. Favoring dry conditions for the remainder of the day.

Wind: Winds will be out of the NW for the entire day. N Morgan's Point: Winds will be 6 – 9 kts through 7AM, before becoming 9 – 13 kts for the remainder of the day. S of Morgan's Point: Winds will start at 6 – 9 kts through 7AM, before becoming 11 – 16kts for the remainder of the day. A few gusts of up to 20 kts can't be ruled out.

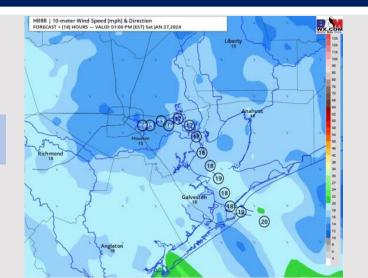
High Temps: N of Morgan's Point: Mid 60s F. S of Morgan's Point: Upper 50s F

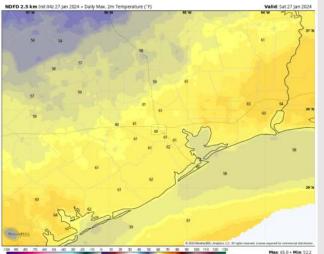
Visibility: Anticipating dense fog risks for Stations S of Morgan's Point to taper off by ~5 AM. See the Visibility slide for more details.

Precip Image: 12 PM CT



Wind Speed: 12 PM CT





High Temps Today

Houston Pilots: Sun. 01/28/2024





Forecast Discussion

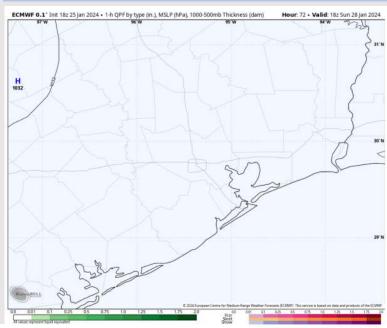
Precip: Favoring dry conditions throughout the day Sunday.

Wind: Winds out of the NW throughout the day. N Morgan's Point: Winds at 4-9 kts throughout the day Sunday. S of Morgan's Point: Winds at 8-13 kts through the AM will then decrease to 5-10 kts by 4 PM. A few gusts of up to 20 kts cannot be ruled out at the Boarding Station through 6 PM.

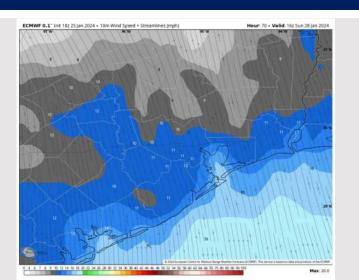
High Temps: N of Morgan's Point: Upper 50s-Near 60 F. S of Morgan's Point: Mid 50s F.

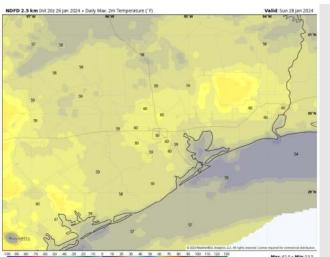
Visibility: No visibility concerns favored for Sunday.

Precip Image: 12 PM CT



Wind Speed: 10 AM CT





High Temps Sunday

Houston Pilots: Mon. 01/29/2024





Forecast Discussion

Precip: Favoring dry conditions for Monday.

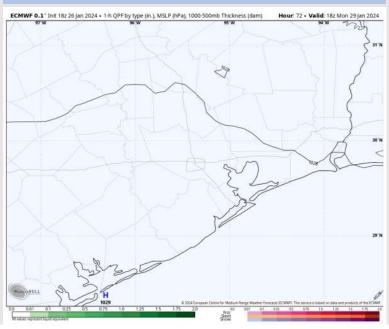
Wind: Winds out of the NNW will become variable after 11 AM, settling out of the SSW by 6 PM. N of Morgan's Point: 3-8 kts favored for the entire day. S of Morgan's Point: 4-9 kts sustained for the entire day.

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

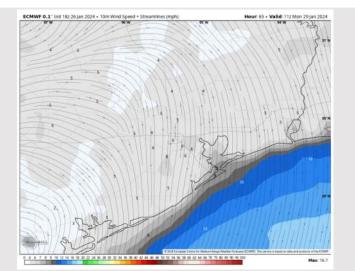
Morgan's Point: Mid 50s F.

Visibility: No visibility concerns for Monday.

Precip Image: 12 PM CT



Wind Speed: 5 AM CT





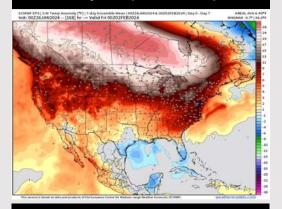
High Temps Monday

Houston Pilots: 1/27/24

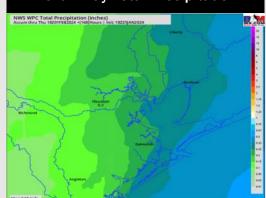




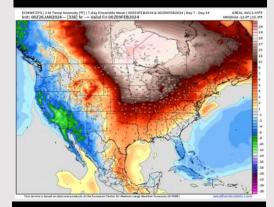
Next 7 Day Temperature Departure



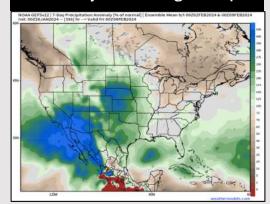
Next 7 Day Total Precipitation



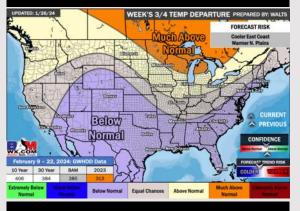
8-14 Day Temperature Departure



8-14 Day % of Average Precip.



15-30 Day Temperature Departure



15-30 Day % of Average Precip.



- > A few low-end rain opportunities will work through today. Slightly below normal to near normal temperatures favored for the week ahead.
- Near 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.