Houston Pilots Forecast Package

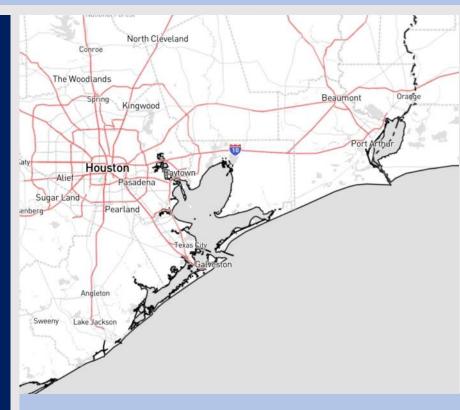
Updated: 1:15 PM CT

Wednesday, February 21, 2024

Forecaster: Alyssa Elliott

Weather Headlines

- Favoring dry conditions through majority of the week (low end risk of light rain THU).
- Wind gust will gradually increase this afternoon into evening up towards 25 –
 30 kts.
- Not anticipating a fog risk the next several days.



Radar/NWS Alerts: 1:15 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 Extended Range Visibility Report





Saturday 2/24/24

Not favoring visibility concerns at this time for SAT.

Sunday 2/25/24

Not favoring visibility concerns on SUN.

Forecast Confidence

Above Normal

Below Normal

Forecast Confidence

Above Normal

Below Normal

Unlikely

Monday 2/26/24

Not favoring visibility concerns for MON at this time.

Chance for Fog

Saturday AM

Saturday PM Unlikely

Sunday AM Unlikely

Sunday PM Unlikely

Monday AM

Unlikely **Monday PM** Unlikely

Forecast Confidence

Above Normal

Below Normal

Houston Pilots Visibility Chart (miles)





Forecast Confidence

Above Normal Below Normal

Time	Wed 1pm	Wed 2pm	Wed 3pm	Wed 4pm	Wed 5pm	Wed 6pm	Wed 7pm	Wed 8pm	Wed 9pm	Wed 10pm	Wed 11pm	Thu 12am	Thu 1am	Thu 2am	Thu 3am	Thu 4am	Thu 5am	Thu 6am	Thu 7am	Thu 8am	Thu 9am	Thu 10am	Thu 11am	Thu 12pm
610 Bridge	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	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	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	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	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	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	9	10	10	10	10
Morgans Point	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	9	10	10	10	10
75/76	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	9	9	9	9	9	9	10	10	10
63/64	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	9	9	9	9	9	9	9	10	10
51/52	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	9	9	9	9	9	9	9	9	9
37/38	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	9	9	9	9	9	9	9	9	9
25/26	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	9	9	9	9	9	9	9	9	9
11/12	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	9	9	9	9	9	9	9	9	9
1 & 2 Bravo	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	9	9	9	9	9	9	9	9	9

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Houston Pilots Wind Chart







Sustained wind 13 Knots

Gusts 18 Knots

WS: 13

G:18

N

Time Knots	Wed 1pm	Wed 2pm	Wed 3pm	Wed 4pm	Wed 5pm	Wed 6pm	Wed 7pm	Wed 8pm	Wed 9pm	Wed 10pm	Wed 11pm	Thu 12am	Thu 1am	Thu 2am	Thu 3am	Thu 4am	Thu 5am	Thu 6am	Thu 7am	Thu 8am	Thu 9am	Thu 10am	Thu 11am	Thu 12pm
	11	11	11	12	12	11	12	13	13	14	15	14	13	11	11	11	9	7	7	9	10	11	13	13
610 Bridge	21	21	22 S	24 S	23	22	23 S	25 S	28 S	28 S	30 S	29	26 S	22 S	22 S	21 SSW	19 SSW	14 SW	14 SSW	18 SSW	21 SSW	23 SSW	25 SW	27 SW
Kinder 1	11	11	12	12	12	11	11	12	13	14	14	14	13	11	11	11	9	7	7	9	10	11	12	13
	21	21	22	23	23	21 S	23 S	25 S	27	28	29	29	26	22	22	21	18	13	14	18	21	22	24	27
	11	11	S 11	S 12	12	11	11	12	S 13	S 14	S 14	14	S 12	11	S 11	SSW 11	SSW 9	SW 6	SSW 7	SSW 9	SSW 10	SSW 11	SW 12	SW 12
Greens Bayou	21	21	21	22	22	21	22	24	27	29	29	28	25	21	21	21	18	13	13	17	20	22	23	25
	11	S 11	S 11	S 12	S 12	S 11	S 11	S 12	S 13	S 14	S 14	S 13	S 12	S 11	S 10	SSW 11	SSW 9	SW 7	SSW 7	SSW 9	SSW 9	SSW 11	SW 12	SW 13
Shell Crude	20	21	21	22	21	21	22	23	27	29	28	27	24	21	21	21	18	13	13	17	19	21	23	25
	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	ssw	ssw	sw	ssw	ssw	ssw	SSW	SW	SW
Lynchburg Ferries	11 19	12 20	12 21	13 21	12 21	10 21	11 21	11 23	13 27	13 27	14 28	13 25	11 22	9 20	10 20	9 19	8 16	12	6 12	8 16	9 19	11 21	11 22	12 23
	s	S	s	S	S	s	S	S	s	S	S	s	s	s	S	ssw	SW	SW						
Exxon 3	11	13	13	14	14	14	14	15	15	16	15	14	13	12	11	9	8	6	7	9	11	12	13	13
	20 S	21 S	21 S	22 S	21 S	21 S	22 S	24 S	27 S	26 S	27 S	25 S	23 S	21 S	20 S	19 SSW	16 SSW	13 SSW	12 SSW	15 SSW	19 SSW	21 SSW	22 SW	23 SW
Morgans Point	11	13	13	13	13	13	13	14	14	15	15	13	12	11	9	9	8	6	6	8	9	11	11	12
	19	21	21	21	21	21	21	22	23	24	25	23	21	21	19	18	16	12	12	14	17	20	21	22
	S 12	S 13	S 14	S 15	S 15	S 15	S 15	S 15	S 16	S 17	S 17	S 15	S 14	S 13	S 13	S 12	SSW 11	SW	S 8	S 10	SSW 12	SSW 13	SSW 13	SW 13
75/76	20	21	21	22	22	21	22	22	23	25	24	21	21	19	19	17	16	13	12	15	17	19	21	22
·	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	ssw	sw	ssw	S	S	ssw	SSW	SSW
63/64	11 20	13 21	13 21	14 21	14 21	14 21	14 21	14 21	15 21	17 24	15 22	14 21	13 20	13 18	12 17	11 16	10 15	8 12	7 11	9 13	11 16	12 19	13 21	12 21
03/04	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	SSW	sw	ssw	S	S	SSW	SSW	SSW
	11	11	12	12	13	13	13	13	13	16	15	14	13	11	11	10	9	8	7	9	10	11	13	13
51/52	19 S	19 S	19 S	19 S	19 S	18 S	19 S	20 S	20 S	23 S	23 S	21	21 S	19 S	18 S	16 SSW	14 SSW	12 SSW	12 SSW	13 S	15 S	18 S	21 SSW	21 SSW
	11	11	11	12	13	12	13	13	13	15	16	14	13	11	12	11	9	8 8	7	9	10	11	13	13
37/38	19	18	19	19	18	18	18	19	20	22	23	21	20	19	19	17	16	13	13	13	15	17	21	21
	S 11	S 12	S 13	S 15	S 15	S 14	S 12	S 11	S 11	SSW	SSW 9	SSW	SSW 7	SSW	S	SSW	SSW	SSW						
25/26	18	18	19	18	17	17	17	19	20	15 22	15 23	21	13 21	11 19	19	10 16	16	13	12	8 13	13	11 16	13 20	13 21
	S	S	S	S	S	s	S	S	S	S	S	S	S	S	S	ssw	SSW	SSW						
44/40	11	10	11	10	10	9	10	11	11	13	13	13	12	11	9	9	9	7	6	7	9	10	12	13
11/12	16 S	16 S	17 S	16 S	15 S	15 S	16 S	18 S	20 S	21 S	22 S	21 S	20 S	19 S	20 S	17 SSW	15 SSW	12 SSW	11 SSW	12 SSW	13 SSW	16 SSW	19 SSW	21 SSW
	9	9	9	10	11	11	11	13	13	15	17	15	15	13	13	12	11	10	9	9	9	11	13	13
1 & 2 Bravo	15	15	14	16	16	16	17	19	20	22	24	23	22	21	20	19	16	15	13	13	15	17	19	19
	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	SSW	SSW	SSW	SSW	SSW	SSW	S	SSW	SSW

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Houston Pilots: Wed. 2/21/2024





Forecast Discussion

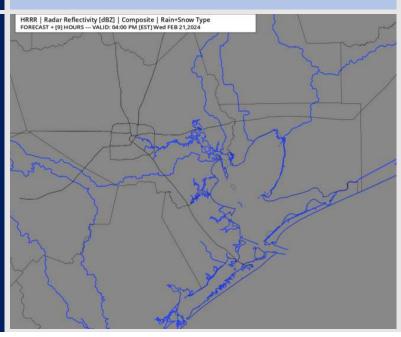
Precip: Favoring dry conditions for the rest of the day.

Wind: Winds out of the S/SW throughout the PM. N Morgan's Point: Winds at 8-13 kts for the remainder of the day. S of Morgan's Point: Winds at 5-10 kts through 4 PM, then winds will increase to 14-19 kts the rest of the PM. Wind gusts of up 25 - 30 kts will be possible for the PM.

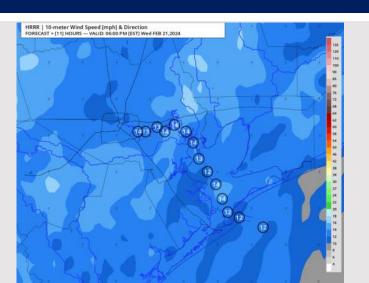
Low Temps: N of Morgan's Point: Low to Mid 60s F. S of Morgan's Point: Low 60s F.

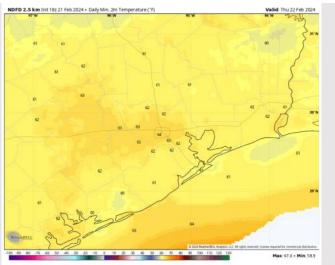
Visibility: Not anticipating a visibility risk throughout the rest of the day.

Precip Image: 3 PM CT



Wind Speed: 5 PM CT





Low Temps Thu AM

Houston Pilots: Thu. 2/22/2024





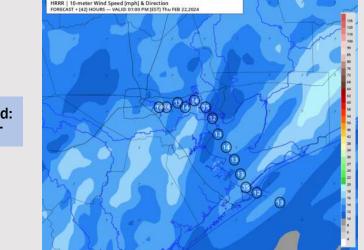
Forecast Discussion

Precip: Favoring dry conditions for the majority of Thursday outside of hit/miss light showers and drizzle (10%) from 7 AM through 3 PM.

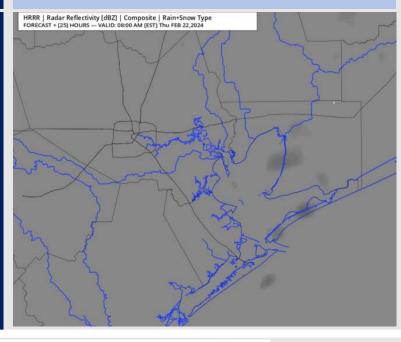
Wind: Winds will be out of the S/SW throughout THU. N of Morgan's Point: Winds will be at 10-15 kts through 5 PM before a decrease to 6-11 kts the rest of the evening. S of Morgan's Point: Winds at 15-20 kts through 8 AM before a decrease to 12-17 kts the rest of the day. Wind gusts of 22-27 kts will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

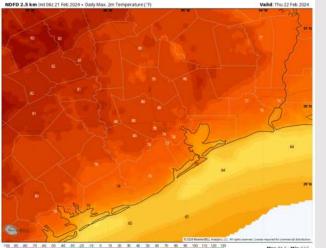
Visibility: Not anticipating visibility concerns for THU.



Precip Image: 7 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.

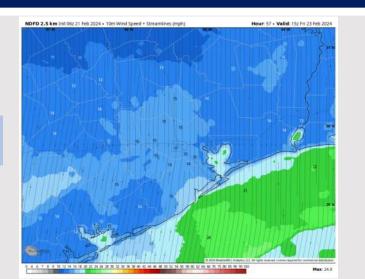
High Temps: N of Morgan's Point: Mid 70s F. S of Morgan's Point: Mid 60s F.

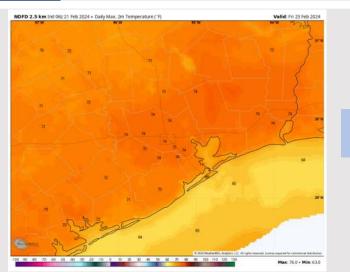
Visibility: Not anticipating a fog risk for Friday.

ECMWF 0.1* Init 00z 21 Feb 2024 • 1-h QPF by type (in.), MSLP (hPa), 1000-500mb Thickness (dam) Hour: 64 • Valid: 16z Fn 23 Feb 2024 SEW SEW SEW 299

Precip Image: 10 AM CT

Wind Speed: 9 AM CT





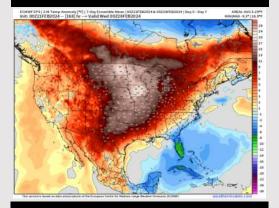
High Temps Friday

Houston Pilots: 2/21/24

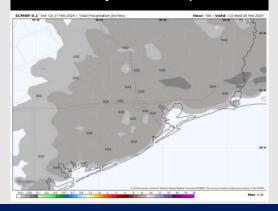




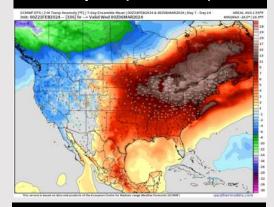
Next 7 Day Temperature Departure



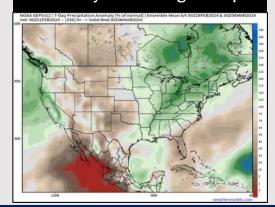
Next 7 Day Total Precipitation



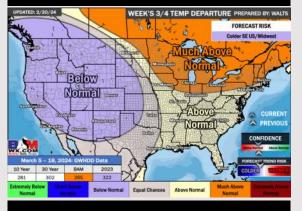
8-14 Day Temperature Departure



8-14 Day % of Average Precip.



15-30 Day Temperature Departure



15-30 Day % of Average Precip.



- > A drier week is favored ahead with a low end precip risk on THU. Above normal temperatures favored for the week ahead.
- Near normal to slightly above 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 3/4 timeframe.