Houston Pilots Forecast Package

Updated: 12:45 PM CT

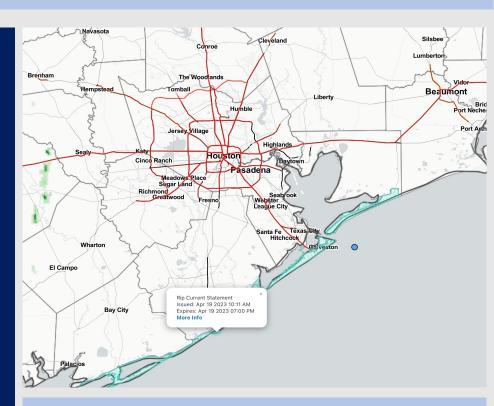
Wednesday, April 19, 2023

Forecaster: Alyssa McClung



Weather Headlines

- Favoring dry conditions for the evening. Thursday looks to bring a better chance at light showers.
- Winds remain elevated at the Boarding Station over the next several days (more info on daily slides).
- While timing needs ironed out, keep an eye out for this ~Saturday for a front to sweep through and sustained winds 25-30 knots possible from the N.
- Fog threats look rather limited moving forward over the next several days.
- Worth keeping eye out towards Friday AM for severe weather potential



Radar/NWS Alerts: 12:45 PM 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 Extended Range Visibility Report





Saturday 4/22/23

Reduced visibility does not look to be a concern on Saturday at the moment.

Sunday 4/23/23

Reduced visibility does not look to be a concern for Sunday.

Forecast Confidence

Above Below Normal Normal

Forecast Confidence

Above Below Normal Normal

Monday 4/24/23

Reduced visibility does not look to be a concern for Monday.

Chance for Reduced Visibility

Saturday AM

Saturday PM

Sunday AM

Unlikely

Unlikely

Forecast Confidence

Above Below Normal Normal

Sunday PM Unlikely

Monday AM Unlikely

Monday PM Unlikely

Houston Pilots Visibility Chart (miles)





Forecast Confidence



Below Normal

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







Sustained wind 13 Knots

Gusts 18 Knots

WS: 13

G:18

N

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

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This data should be used as a guide only

Houston Pilots: Wed. 4/19/2023





Forecast Discussion

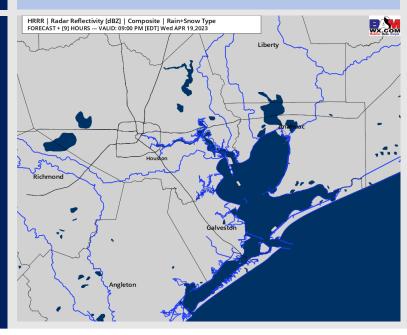
Precip: Anticipating dry conditions throughout the rest of the day today.

Wind: Winds out of the 12 – 17 kts across all stations, with a few pockets reaching up to 19 kts towards 51/52 to 75/76. Towards 8 PM winds will begin to calm north of Morgan's point to 5 – 10 kts, but remain elevated south of Morgan's Point at 12 – 17 kts. Gusts of 25 kts for stations south of Morgan's Point cannot be ruled out.

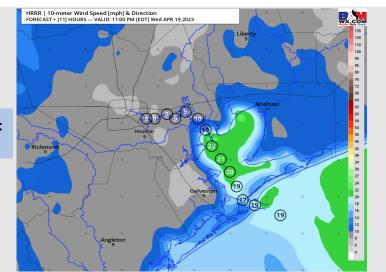
Temps: Low temperatures at Thursday morning will be in the low 70s F at the Boarding Station and in the upper 60s F / near 70 F at all other stations.

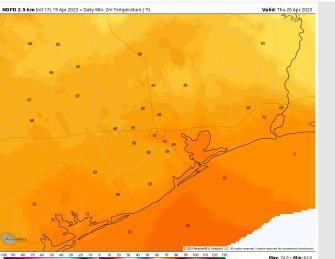
Visibility: No reduced visibility concerns expected at this time.

Precip Image: 8 PM CT



Wind Speed: 10 PM CT





Low Temps Thursday AM

Houston Pilots: Thu. 4/20/2023





Forecast Discussion

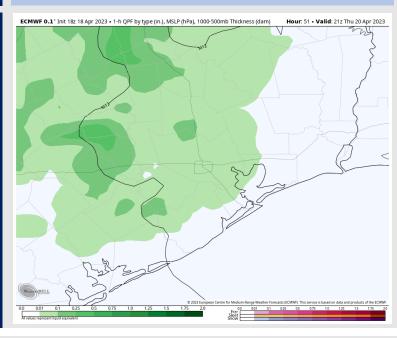
Precip: Favoring dry conditions for the majority of the day Thursday. After 2 PM moisture from the W/NW will try to work into the area and bring precipitation chances to 20% the bulk of precipitation is favored to stay off to the northwest. Chances will slightly increase to 40% during the 7 PM – 10 PM timeframe.

Wind: Sustained SE winds will continue Thursday. AM winds north of Morgan's point will start at 6 – 10 kts, and S of Morgan's Point at 9 – 15 kts. Around 10 AM winds across all stations will be 10 – 16 kts and remain as such for the rest of the day, with the exception for winds calming slightly north of Morgan's Point towards 7 PM to 7 – 12 kts. Wind gusts of 22 – 25 kts will be possible across all stations after 10 AM as well.

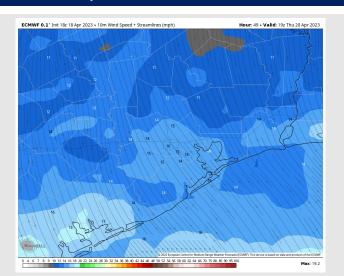
Temps: High temperatures Thursday will be in the lower 80s F for stations north of Morgan's Point and in the upper 70s for stations south.

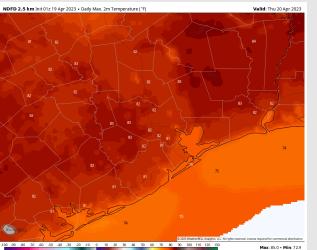
Visibility: No visibility issues anticipated.

Precip Image: 4 PM CT



Wind Speed: 2 PM CT





High Temps Thursday

Houston Pilots: Fri. 4/21/2023





Hour 65 . Valid: 11z Fri 21 Apr 2023

Forecast Discussion

Precip: Favoring a 50-60% chance for showers and thunderstorms through the afternoon on Friday then after 3 PM, favoring chances to drop to 10% for an isolated shower until around 7 PM. Then after 7 PM, favoring dry conditions for the rest of the day. A few thunderstorms do hold the potential to be severe.

Wind: Sustained winds will start out of the SE at the beginning of the day Friday and gradually shift to out of the SW by 9 AM. Then after 9 AM, winds will continue to gradually shift to out of the N by the end of the night. Winds N of Morgan's Point will be at 3-7 kts throughout the morning. Then around 9-10 AM, winds N of Morgan's Point will pick back up to 5-10 kts for the rest of the day. Winds S of Morgan's Point will be at 10-16 kts throughout the morning. Then, after 1 PM, winds S of Morgan's Point will die down to 3-9 kts for the rest of the day.

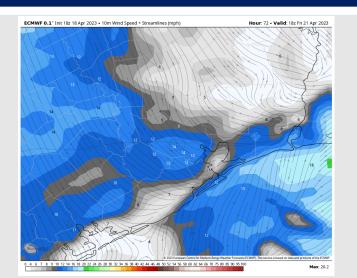
Temps: High temperatures Friday will be in the mid to upper 70s F for stations S of Morgan's Point and in the low to mid 80s for stations N of Morgan's Point.

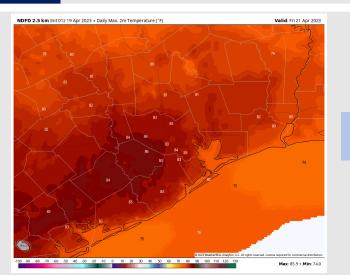
Visibility: Not anticipating visibility concerns at this time.

Precip Image: 6 AM CT

ECMWF 0.1° Init 18z 18 Apr 2023 • 1-h QPF by type (in.), MSLP (hPa), 1000-500mb Thickness (dam

Wind Speed: 7 PM CT





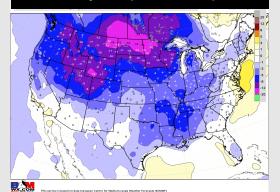
High Temps Friday

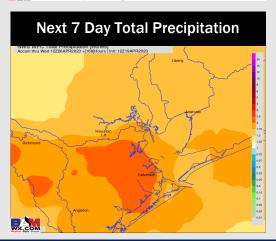
Houston Pilots: 4/19/23



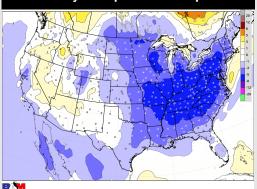


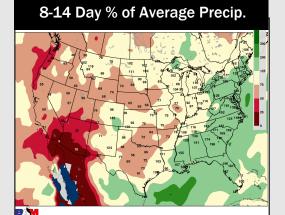
Next 7 Day Temperature Departure

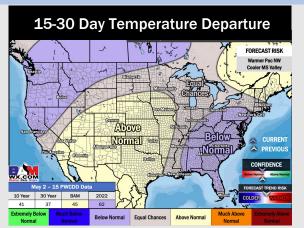


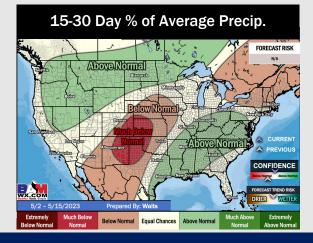


8-14 Day Temperature Departure









- Expecting a quieter stretch of weather to start the week before rain chances pick up Thursday/Friday and beyond. Temps will be near to below normal for SE TX.
- Expecting near normal precipitation chances and below normal temperatures for the week 2 timeframe.
- Above normal temperatures and above normal chances for precipitation are favored in the week ³/₄ timeframe.