Houston Pilots Forecast Package

Updated: 5:00 AM CT Friday, July 21, 2023

Forecaster: Xander Lowry



Weather Headlines

- Dry start to the weekend but rain chances return Sunday.
- Excessive heat concerns (90+ F) to continue throughout at least next week.
- No active tropical threats to SE TX at this time.
- Not anticipating any risks for fog going forward.



Radar/NWS Alerts: 5:00 AM CT



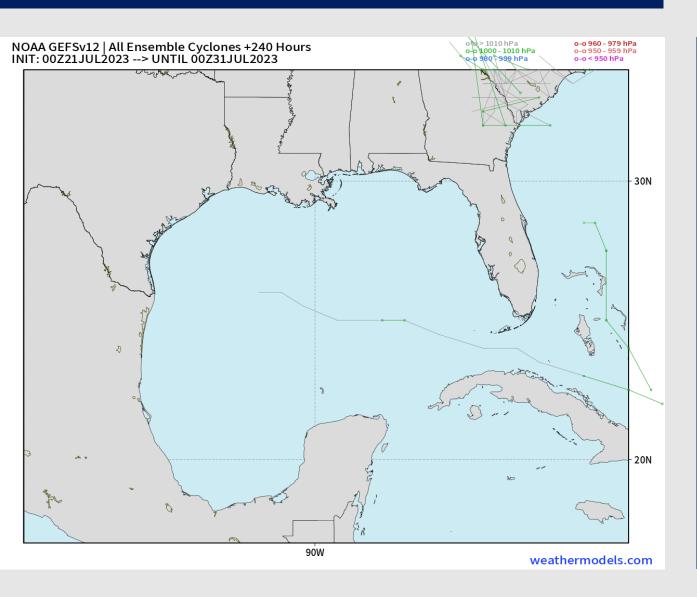
As always, please do not hesitate to reach out to us with any forecast questions via the chat option on the Weather Porthole or our on-call number, (317)-560-8122 press 1 for forecast questions.

Houston Pilots Tropical Update





American Model Low Pressure Tracks Next 10-Days



No tropical activity anticipated over the next 10 days for SE TX.

No other areas of interest being noted across the Atlantic/Gulf.

Houston Pilots Visibility Chart (miles)





Forecast Confidence



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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

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Time Knots	Fri 4am	Fri 5am	Fri 6am	Fri 7am	Fri 8am	Fri 9am	Fri 10am	Fri 11am	Fri 12pm	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	Sat 1pm	Sat 2pm	Sat 3pm
610 Bridge	2 7 SSW	2 7 SSW	0 5 NW	1 3 NNE	2 7 SSW	3 8 SSW	3 6 SW	3 5 SW	2 4 SSW	2 3 SSW	3 4 S	4 6 SSE	8 11 SE	9 11 SE	9 13 SSE	9 12 S	9 13 S	8 12 S	8 12 S	8 11 S	7 10 SSW	7 10 SSW	6 9 SSW	5 8 SW	5 8 SW	4 7 SW	4 7 WSW	4 6 WSW	5 7 WSW	5 7 W	6 9 W	5 8 W	4 7 W	3 5 WNW	3 5 WNW	4 6 WNW
Kinder 1	2 7	1 7 SSW	0 5 NW	1 3 NNE	1 7 SSW	3 8 SW	3 6 SW	3 5 SW	2 4 SSW	2 3 SSW	3 4 S	6 7 SE	9 11 SE	9 11 SSE	9 13 SSE	9 12 S	9 13 S	8 12 S	8 12 S	8 12 S	7 10 SSW	7 10 SSW	6 9 SSW	5 8 SW	5 8 SW	4 7 SW	4 7 WSW	4 6 WSW	5 7 WSW	5 7 W	6 9 W	5 8 W	4 7 W	3 5 WNW	3 5	4 6 WNW
Greens Bayou	2 7 SW	1 7 SW	1 5 NW	1 4 NE	1 7 SSW	3 7 SW	3 5 SW	2 4 SW	2 4 SSW	2 3 5	4 5 SSE	7 9 SE	9 12 SE	9 12 SE	9 12 SSE	10 12 S	9 13 S	8 12 S	8 12 S	8 11 S	7 10 SSW	6 10 SSW	6 9 SSW	5 8 SW	5 8 SW	4 6 SW	4 7 WSW	4 6 WSW	5 8 WSW	5 7 W	6 9 W	5 7 W	4 7 WNW	3 5 WNW	3 5 W	4 6 W
Shell Crude	2 7 SW	1 7 SW	1 5 W	1 4 NNE	1 7 SW	3 7 SW	3 5 SW	2 4 SW	2 4 5	2 4 SSE	6 7 SE	8 10 SE	9 12 SE	9 12 SSE	9 12 SSE	10 12 S	9 13 S	8 12 S	8 12 S	8 11 S	7 10 SSW	6 10 SSW	6 9 SSW	5 8 SW	5 8 SW	4 7 SW	4 7 WSW	4 6 WSW	5 8 WSW	5 8 W	6 9 W	5 7 W	4 7 WNW	4 5 WNW	4 5 W	4 6 SW
Lynchburg Ferries	2 7 SW	1 6 SW	1 5 W	1 4 ESE	1 7 SW	3 7 SW	3 5 SW	2 4 SW	2 4 S	3 4 SSE	6 7 SSE	8 9 SE	10 12 SSE	10 13 SSE	9 13 SSE	11 13 S	10 13 S	9 13 S	9 13 S	8 11 S	7 10 SSW	7 10 SSW	6 9 SSW	6 8 SW	6 8 SW	5 7 SW	5 7 SW	4 7 WSW	5 8 WSW	5 8 W	6 9 W	5 8 W	5 7 W	4 6 W	4 6 WSW	5 7 SW
Exxon 3	2 8 SW	2 7 SW	1 6 WSW	1 5 WSW	2 7 SW	3 7 SW	3 5 SSW	3 4 SSW	3 5 S	5 6 SSE	7 9 SSE	9 10 SSE	10 13 SSE	11 14 SSE	10 14 SSE	12 14 S	10 14 S	10 13 S	9 13 S	8 12 S	8 11 SSW	7 10 SSW	7 9 SSW	6 9 SW	6 8 SW	6 7 WSW	5 7 WSW	5 7 WSW	5 8 WSW	6 8 W	6 9 W	5 8 W	5 7 W	4 6 W	5 7 SW	6 8 S
Morgans Point	4 10 SW	4 9 SW	3 8 WSW	2 6 WNW	2 7 SW	4 7 SSW	3 5 SSW	3 5 SSE	5 6 SE	7 8 SE	9 10 SE	10 12 SSE	12 14 SSE	12 15 SSE	11 14 SSE	13 15 S	12 15 S	11 14 S	11 13 S	10 12 S	9 11 SSW	9 11 SSW	8 10 SSW	8 10 SW	7 9 SW	7 8 WSW	6 8 WSW	6 8 WSW	6 8 WSW	6 8 W	6 9 W	5 8 W	5 7 W	5 7 SW	6 8 S	8 10 SSE
75/76	7 12 SSW	7 11 SW	5 9 WSW	4 7 W	3 7 SW	4 8 SW	3 6 SSW	2 5 ESE	6 6 ESE	8 8 SE	10 11 SE	12 13 SE	14 15 SSE	13 15 SSE	13 15 S	15 17 S	14 16 S	14 15 S	12 14 S	12 13 SSW	11 13 SSW	11 12 SSW	10 11 SSW	10 11 SW	9 10 SW	8 10 WSW	8 9 WSW	7 9 WSW	7 9 W	8 9 W	7 9 W	6 8 W	5 8 WSW	5 8 SSE	7 10 SSE	10 12 SSE
63/64	8 12 SSW	8 12 SSW	6 10 SW	5 8 WSW	4 7 SW	4 7 SW	2 6 SW	1 5 E	5 6 E	6 8 ESE	10 10 SE	12 13 SSE	13 15 SSE	13 15 SSE	13 15 S	15 17 S	14 16 S	13 14 S	12 14 S	12 13 SSW	11 12 SSW	11 12 SSW	10 11 SSW	10 11 SW	9 10 SW	9 10 WSW	8 9 WSW	8 9 WSW	8 9 W	8 9 W	7 9 W	6 8 W	5 8 WSW	5 8 SE	7 10 SSE	10 12 SSE
51/52	9 13	8 12 SSW	6 10 SW	5 8 WSW	3 7 SW	3 7 SW	2 5 SW	2 5 ESE	3 5 F	6 7 SE	9 9 SSE	11 12 SSE	12 13 SSE	13 14 S	14 15 S	14 16 S	13 15 S	12 13 S	11 13 S	11 12 S	11 12 SSW	11 12 SSW	9 11 SSW	9 10 SW	9 10 SW	8 9 WSW	8 8 WSW	7 8 WSW	7 9 W	7 9 W	6 8 W	5 8 W	5 7 SW	5 8 SE	7 10 SSE	10 11 SSE
37/38	9 13	8 12 SSW	7 10 SW	5 8 WSW	3 7 SW	3 6 SW	2 5 SW	3 4 SSE	3 5 SE	7 8 SE	9 9 SSE	10 10 SSE	11 12 SSE	12 13 S	13 14 S	13 14 S	12 13 S	10 12 S	10 11 S	10 11 S	10 11 SSW	10 11 SSW	9 10 SSW	9 10 SW	8 9 SW	7 8 WSW	7 7 WSW	7 8 WSW	7 8 W	7 8 W	7 8 W	5 7 W	5 7 SW	5 7 SE	7 9 SSE	9 11 S
25/26	8 13	7 12 SSW	6 10 SW	5 8 SW	3 7 SW	3 6 SW	4 5 SW	3 4 S	5 5 SSE	8 8 SSE	8 9 SSE	9 9 SSE	10 11 SSE	11 13 S	12 13 S	11 12 S	10 11 S	9 10 S	8 10 S	9 10 S	8 10 SSW	8 10 SSW	8 10 SSW	8 9 SSW	7 8 SW	7 8 WSW	6 7 WSW	6 7 WSW	6 8 W	7 8 W	6 8 W	5 7 W	5 7 SW	5 7 SSE	7 8 S	9 10 S
11/12	8 13 SSW	8 12 SSW	7 10 SW	5 8 SW	4 7 SW	4 6 SW	4 5 SSW	4 5 S	5 6 S	7 8 SSE	8 8 SSE	8 9 SSE	9 11 SSE	11 12 S	11 13 S	10 11 S	9 11 S	9 10 S	8 10 S	8 10 S	8 10 SSW	9 10 SSW	8 10 SSW	8 9 SSW	8 9 SW	7 8 SW	6 8 WSW	6 8 WSW	7 8 W	7 8 W	6 8 W	5 7 W	5 6 SW	6 7 S	7 8 S	8 9 S
1 & 2 Bravo	11 13	11 13 SSW	9 11	7 9 SW	6 8 SSW	5 6 SW	4 5 SW	3 4 SW	3 4 SSW	5 6	6 7	7 8 SSE	8 10 SSE	10 11 SSE	12 14 S	11 12 S	11 11 S	10 11 S	9 11 S	10 11 S	10 11	10 11 SSW	10 11 SSW	9 11 SSW	9 11 SW	9 10 SW	9 9 WSW	8 9 WSW	8 9 W	8 9 W	7 8 W	6 8 W	5 7 SW	5 7 SSW	6 8 SSW	8 9 SSW

NOTE: This is automated data that may/may not agree with the official BAM thinking that's found on the daily slides.

This data should be used as a guide only

Houston Pilots: Fri. 7/21/2023





Forecast Discussion

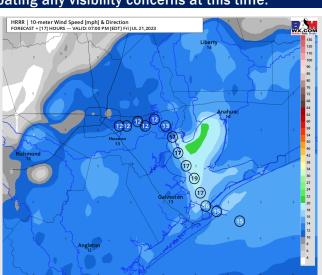
Precip: Favoring dry conditions throughout the day today.

Wind: Winds will be out of the S/SW until 7 AM when then they will shift to be out of the W/NW until 9 AM. After 9 AM winds will shift back to being out of the S/SW for the rest of the day. Winds will be 3-8 kts for Stations N of Morgan's Point through 4 PM . After 4 PM winds will slightly increase to 6-11 kts for the rest of the day. Winds S of Morgan's Point will be 9-14 kts through 5 AM. After 5 AM, favoring winds S of Morgan's Point to decrease to 5-10 kts through 2 PM. Then after 2 PM, favoring winds S of Morgan's Point to increase to 12-17 kts for the rest of the day. Wind gusts of 15-20kts are possible until 6 AM and 18-23 kts are possible after 4 PM for all stations today.

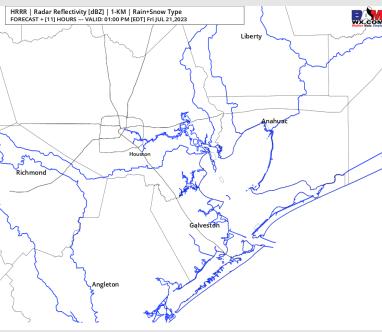
Temps: High temperatures today will be in the mid/upper 80s F near the Boarding Station, in the low/mid 90s F for all other stations S of Morgan's Point, and in the upper 90s F for stations N of Morgan's Point.

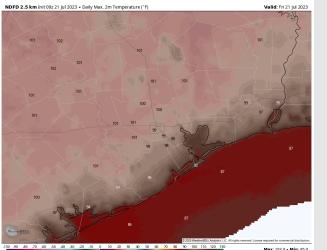
Visibility: Not anticipating any visibility concerns at this time.

Wind Speed: 6 PM CT



Precip Image: 12 PM CT





High Temps Today

Houston Pilots: Sat. 7/22/2023





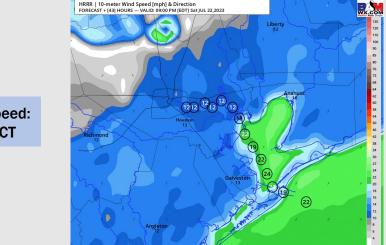
Forecast Discussion

Precip: Favoring mostly dry conditions throughout the day Saturday, aside isolated chances (10-20%) of showers/thunderstorms between 8 PM - 10 PM

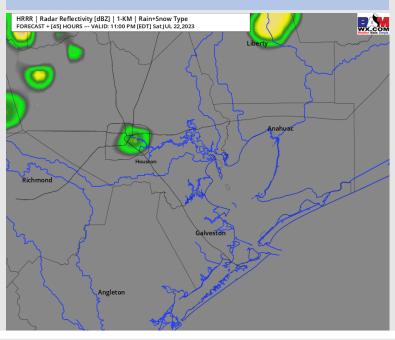
Wind: Winds will be out of the SW throughout the day. Winds for Stations N of Morgan's Point will be at 2-7 kts for the majority of the day, except for a brief increase to 8-13 kts between 6-10 PM. Winds S of Morgan's Point will be 11-16 kts through 9 AM. After 9 AM winds S of Morgan's Point will decrease to 5-10 kts through 3 PM. Then after 3 PM, winds S of Morgan's Point will increase to 15-20 kts for the rest of the day. Wind gusts of 20-25 kts will be possible for all stations after 4 PM Saturday.

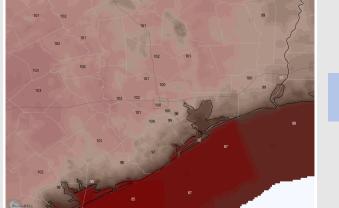
Temps: High temperatures Saturday will be in the upper 80s F near the Boarding Station, in the low/mid 90s F for all other stations S of Morgan's Point, and in the upper 90s F/low 100s F for stations N of Morgan's Point.

Visibility: Not anticipating any visibility concerns at this time.



Precip Image: 10 PM CT





NDFD 2.5 km Init 09z 21 lul 2023 • Daily Max. 2m Temperature (°)

High Temps Saturday

Wind Speed: 8 PM CT

Houston Pilots: Sun. 7/23/2023





Forecast Discussion

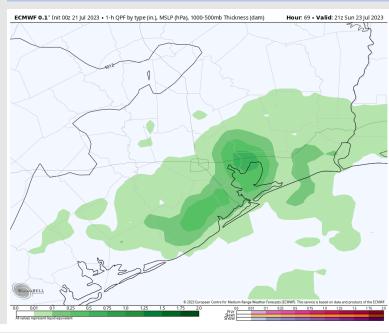
Precip: Expect dry conditions in the morning with chances of scattered showers beginning at 1 PM. Then favoring a 70-80% chance of showers/thunderstorms between 4 – 6 PM. After 6 PM conditions will remain dry for the rest of the day.

Wind: Winds will be out of the W/SW throughout the day. Winds for Stations N of Morgan's Point will be at 3-8 kts until 4 PM, after which time they will increase to 5-10 kts for the remainder of the evening. Winds S of Morgan's Point will be at 8-13 kts until 9 AM, after which time winds will calm to 3-8 kts until 3 PM. After 3 PM winds will pick up to 12 – 17 kts associated with showers/thunderstorms. After 6 PM winds will decrease down to 3-8 kts for the rest of the day. Wind Gusts of 21-26 kts are possible under the strongest cells Sunday.

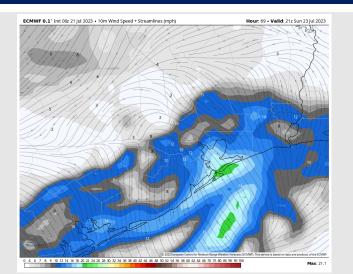
Temps: High temps on Sunday will be in the upper 80s F for the Boarding Station, low/mid 90s F for all other Stations S of Morgan's Point and in the upper 90s for Stations N of Morgan's Point

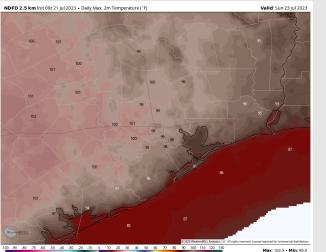
Visibility: Not anticipating any visibility concerns at this time.

Precip Image: 4 PM CT



Wind Speed: 6 AM CT





High Temps Sunday

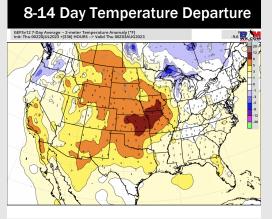
Houston Pilots: 7/21/23

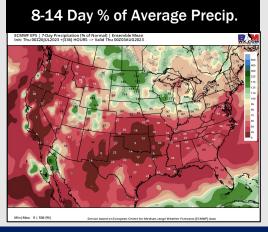


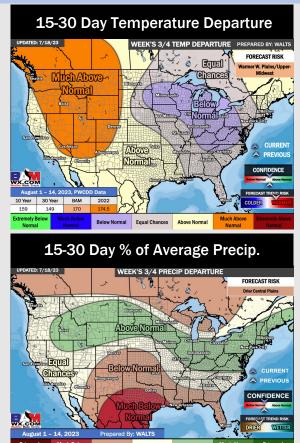


Next 7 Day Temperature Departure SCMW BPS 70by Average -2-meter Temperature Annually IPT Init: The 00220UL02023 -1168 HOURS -2 valid The 00227UL0203 Service based on European Conver for Medium-ange Wenther Forecast; IFC.MMP] data Next 7 Day Total Precipitation









- Above normal temperatures are favored over the next week. Anticipating low-end rain chances to make their way back into the area late this week.
- > Expecting much below normal precipitation chances and above normal temperatures for the week 2 timeframe.
- > Above normal temperatures and much below normal chances for precipitation are favored in the weeks 3/4 timeframe.