Houston Pilots Forecast Package

Updated: 5:00 AM CT Monday, July 17, 2023

Forecaster: Xander Lowry

Weather Headlines

- Mostly dry conditions are favored through early/mid next week.
- 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



Houston Pilots

Radar/NWS Alerts: 5:00 AM CT

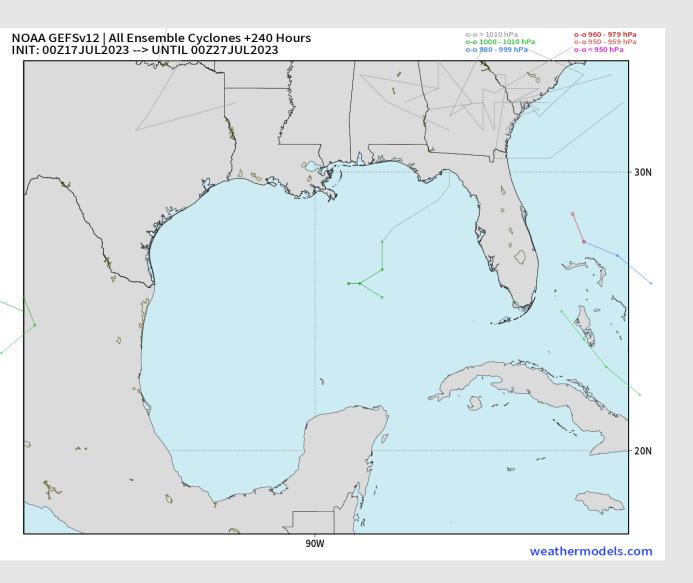


As always, please do not hesitate to reach out to us with any forecast questions via the chat option on the Weather Porthole or our on-call number, (317)-560-8122 press 1 for forecast questions.

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



Time	Mon 3am	Mon 4am	Mon 5am	Mon 6am	Mon 7am	Mon 8am	Mon 9am	Mon 10am	Mon 11am	Mon 12pm	Mon 1pm	Mon 2pm	Mon 3pm	Mon 4pm	Mon 5pm	Mon 6pm	Mon 7pm	Mon 8pm	Mon 9pm	Mon 10pm	Mon 11pm	Tue 12am	Tue 1am	Tue 2am	Tue 3am	Tue 4am	Tue 5am	Tue 6am	Tue 7am	Tue 8am	Tue 9am	Tue 10am	Tue 11am	Tue 12pm	Tue 1pm	Tue 2pm
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	10	10	10	10	6	7	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	10	10	10	10	7	8	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	10	10	10	10	7	8	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	10	10	10	10	8	8	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	10	10	10	10	8	8	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	10	10	10	10	10	10	10	10	10	8	8	10	10	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	10	10	10	10	10	10	10	10	10	8	10	10	10	10	10	10	10
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	8	10	10	10	10	10	10	10
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	10	10	10
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	10	10	10
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	10	10	10
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	10	10	10
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	10	10	10
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	10	10	10	10	10	10	10	10	10	10	10	10	10

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Houston Pilots Wind Chart







Time	Mon	Mon	Mon	Mon	Mon	Mon	Mon	Mon	Mon	Mon	Mon	Mon	Mon	Mon	Mon	Mon	Mon	Mon	Mon	Mon	Mon	Tue	Tue	Tue	Tue	Tue	Tue	Tue	Tue	Tue	Tue	Tue	Tue	Tue	Tue	Tue
Knots	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	11am	12pm	1pm	2pm
	5	4	3	3	3	5	6	6	6	5	3	2	2	6	8	8	9	9	9	9	9	8	8	8	7	7	6	6	5	6	6	6	6	5	5	5
610 Bridge	9	11	11	10	9	12	9	9	8	6	4	2	3	8	11	11	13	14	14	14	13	13	13	13	11	11	9	9	8	9	8	9	9	8	7	7
	SSE	S	S	SSW	SSW	SSW	SW	SW	SW	SW	WSW	WSW	SW	ESE	SE	SSE	S	S	S	S	S	SSW	SSW	SSW	SSW	SSW	SW	SW	SW	SW	wsw	wsw	SW	SW	SW	SSW
Kinder 1	5	4	3	3	3	5	6	6	5	4	3	2	3	8	9	8	9	9	9	9	9	8	8	8	7	7	6	6	5	6	6	6	6	5	5	5
Kinder 1	10 SSE	11	10	10 SSW	SSW	12 SSW	9	9	SW	6	4 SW	2	4	10	11	11	13	14	14	14	13	12 SSW	12 SSW	12 SSW	11 SSW	11 SSW	9 6W	9	8 SW	sw	8 WSW	9	9 CW	8	c.w	ssw
	5	4	3	3	2	5	5W	- 5W	5	4	2	2	5	9	9	9	9	9	9	9	9	8	8	8	7	33W	5W	5w 6	5	5w	6	6	5W 6	5	4	5
Greens Bayou	11	11	10	10	8	12	9	9	8	6	3	3	7	11	12	12	13	14	14	14	13	12	12	12	11	10	9	9	8	9	8	9	9	8	7	7
	SSE	s	S	SSW	SSW	SSW	SW	SW	SW	SW	SW	SSW	SE	SE	SE	SSE	S	S	S	S	S	SSW	SSW	SSW	SSW	SSW	SW	SW	SW	wsw	WSW	wsw	SW	SW	SSW	s
	4	4	3	3	2	5	6	6	5	4	2	3	8	9	9	9	10	10	9	9	9	8	8	8	7	7	6	6	5	6	6	6	6	5	5	6
Shell Crude	11	11	10	10	9	12	9	9	8	6	3	4	9	12	12	12	14	15	14	14	13	12	12	12	11	10	9	9	8	9	8	9	9	8	7	8
	SSE	s	S	ssw	ssw	ssw	sw	sw	sw	sw	sw	SSE	SE	SE	SE	SSE	S	S	S	S	S	SSW	ssw	ssw	SSW	ssw	sw	sw	sw	wsw	wsw	wsw	sw	sw	SSW	S
Lynchburg	4	4	3	3	1	5	6	6	6	4	2	4	9	10	10	11	11	10	10	10	9	8	8	8	8	7	6	6	6	6	7	6	6	5	5	7
Ferries	10	11 S	10 S	10 SSW	9 SSW	SSW	9	9 SW	8 SW	6 SW	4 SW	5 SSE	10	12 SE	13 SSE	13 SSE	14	15	15	14 S	13	12 SSW	12 SSW	12 SSW	11 SSW	10 SSW	sw 9	9	8 SW	9	8 WCW	9	9	8 SW	ssw	8 C
	5 4	5 4	5 4	55W	2	5500	5W	5W	5W	5₩	A	33E 7	SE	3E 10	10	12	12	5	5 11	5	9	9 9	35W	55W	35W	55W	5W 7	SW 7	5W	WSW	WSW 7	WSW	SW	5W	55W	8
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Morgans Point	9	11	12	12	11	11	9	10	8	7	8	12	13	14	15	16	16	16	16	15	14	13	13	12	12	11	11	10	9	9	9	9	9	8	9	11
	S	S	S	SSW	SSW	SSW	SW	SSW	SSW	S	SE	SE	SE	SSE	SSE	S	S	S	S	S	S	SSW	SSW	SSW	SSW	SW	SW	SW	SW	WSW	WSW	WSW	SW	SSW	S	SSE
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75/76	10	11	12	12	11	11 SSW	9	10 SSW	8	6	10	14	15	16	16	17	18	18	17	16	15 SSW	14	14	13	13	12	12	11	11	10	10 WSW	9	9	9	10	12
	8	9	9	SSW	SSW	55W	SW 7	55W	SSW	SSE	ESE	SE 12	SE 13	SSE 14	SSE 14	16	16	- 5 - 17	15	14	55W	SSW 13	SSW 13	SSW 12	SSW 12	5W 11	SW 11	SW 10	SW 10	WSW	wsw o	8	5W	5	SSE	SSE 11
63/64	10	11	12	12	11	10	10	á	8	6	10	12	14	15	16	18	18	18	17	15	15	14	14	13	13	12	12	11	11	10	10	å	9	ä	10	13
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	8	10	9	9	9	7	8	8	7	6	9	11	12	13	14	16	16	16	14	13	13	13	12	11	11	11	10	10	9	9	9	8	7	6	8	10
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	SSE	S	S	SSW	SSW	SSW	SSW	SSW	SSW	S	SSE	SSE	SSE	SSE	S	S	S	S	S	S	SSW	SSW	SSW	SSW	SSW	SW	SW	SW	WSW	WSW	WSW	WSW	SW	S	SSE	SSE
	8	9	9	8	8	7	8	9	9	8	9	10	11	12	14	15	15	15	13	12	12	12	12	11	11	10	9	9	9	8	9	8	7	7	9	10
37/38	10	11	11	11	11	10	10	10	10	9	9	11	12	14	15	16	16	16	14	13	14	13	13	12	12	11	11	10	10	9	10	9	9	9	11	12
	SSE 7	5	5	SSW	SSW	SSW	SSW	SSW	SSW	SSW	5	5	5	5	12	5 13	5	5	5	S 10	SSW	SSW	SSW 10	SSW 10	SSW	SW	SW	SW	WSW	wsw	WSW	wsw	SW	5	S	5 10
25/26	10	11	11	11	11	10	10	10	10	å	9	10	11	13	13 15	14	14	14	13	12	10 12	10 12	12	12	11	11	9	10	10	å	å	å	å	9	10	10
25/20	SSE	s	s	ssw	ssw	ssw	ssw	sw	SSW	ssw	S	S	s	S	S	S	S	S	S	S	SSW	SSW	SSW	ssw	ssw	ssw	sw	SW	wsw	wsw	wsw	sw	sw	ssw	s	s
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	SSE	S	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	S	S	S	S	S	SSW	S	S	S	S	SSW	SSW	SSW	SSW	SSW	SSW	SW	SW	SW	wsw	wsw	wsw	SW	SSW	S	S
	9	9	10	10	9	8	9	9	9	9	8	9	9	11	13	12	13	13	12	11	12	12	12	12	12	12	11	11	10	10	9	9	8	8	8	9
1 & 2 Bravo	10	11	11	11	11	10	10	10	10	10	9	9	10	13	14	14	14	14	13	12	13	13	13	13	13	13	12	12	11	11	10	9	9	9	10	10
	S	S	SSW	SSW	SSW	SSW	SSW	SW	SW	SW	SSW	SSW	SSW	S	SSW	SSW	S	S	S	S	SSW	SSW	SSW	SSW	SSW	SSW	SW	SW	SW	WSW	WSW	WSW	SW	SSW	SSW	SSW
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Houston Pilots: Mon. 7/17/2023



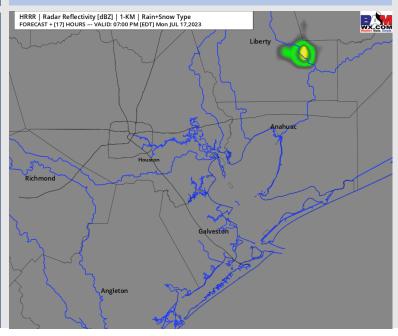
Forecast Discussion

Precip: Favoring dry conditions throughout the day today. Isolated chance of showers at 6 PM that are expected to remain E of all stations.

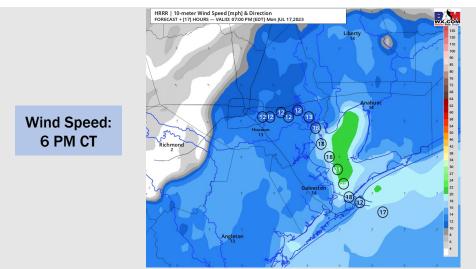
Wind: Winds will be out of the S/SW all day today. Winds N of Morgan's Point will be at 4-9 kts, before increasing to 7-12 kts after 3 PM. Winds S of Morgan's Point will be 4-9 kts through 9 AM. After 9 AM, winds will decrease down to 3-8 kts until 1 PM when then winds will pick up to 13 – 18 kts for the rest of the day. Wind gusts of 17-21 kts are possible after 4 PM today for all stations.

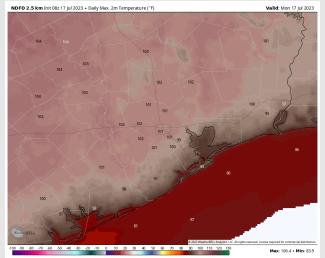
Temps: High temps today will be in the mid/upper 80s F at the Boarding Station, low/mid 90s F for all other Stations S of Morgan's Point and upper 90s/low 100s for Stations N of Morgan's Point.

Precip Image: 6 PM CT



Visibility: Not anticipating any visibility concerns at this time.





High Temps Today

Houston Pilots: Tue. 7/18/2023



Forecast Discussion

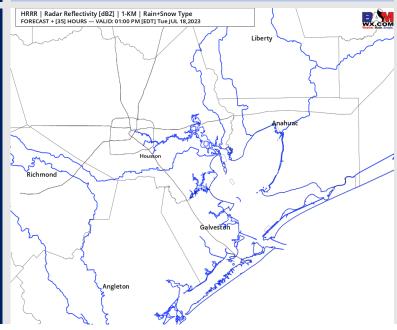
Precip: Favoring dry conditions throughout the day Tuesday.

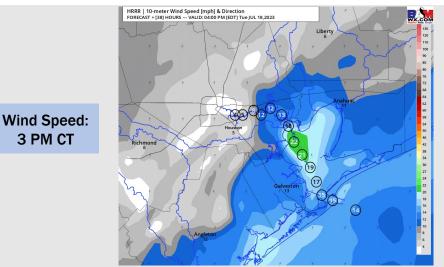
Wind: Winds out of the SW will be 5-10 kts for Stations N of Morgan's Point through 3 PM . After this time winds will slightly increase to 7-12 kts until 9 PM when then winds will decrease back down to 3-8 kts for the rest of the day. Winds S of Morgan's Point will be 10-15 kts through 11 AM when then winds will decrease to 5-10 kts until 2 PM. After 2 PM winds will increase to 13 -18 kts for the rest of the day. Wind gusts of 17-21 kts are possible until 8 AM and again after 4 PM for all stations Tuesday.

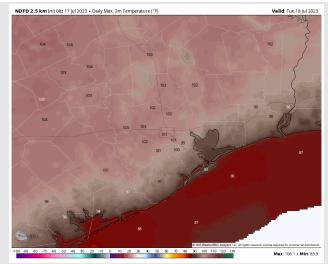
Temps: High temps on Tuesday will be in the mid/upper 80s F for the Boarding Station, low/mid 90s F for all other Stations S of Morgan's Point and in the upper 90s/low 100s F N of Morgan's Point.

Visibility: Not anticipating any visibility concerns at this time.

Precip Image: 12 PM CT







High Temps Tuesday

Houston Pilots: Wed. 7/19/2023



Forecast Discussion

Wind Speed:

7 PM CT

Precip: Favoring dry conditions throughout the day Wednesday.

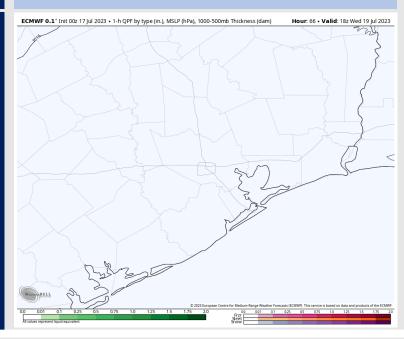
Wind: Winds will be out of the S/SW throughout the day. Winds for Stations N of Morgan's Point will be at 5-10 kts until 6 PM, after which time they will increase to 8-13 for the remainder of the evening. Winds S of Morgan's Point will be at 9-14 kts throughout the day. Winds gusts of 18-23 kts are possible for all stations after 5 PM Wednesday.

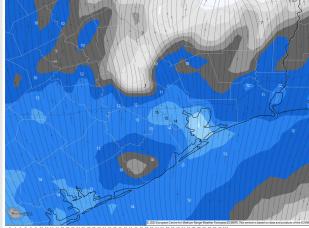
Temps: High temps will be in the mid/upper 80s F for the Boarding Station, low/mid 90s F for all other Stations S of Morgan's Point and upper 90s/low 100s F N of Morgan's Point.

Visibility: Not anticipating any visibility concerns for the rest of the day.

CMWF 0.1° Init 007 17 Jul 2023 • 10m Wind Speed + Stree

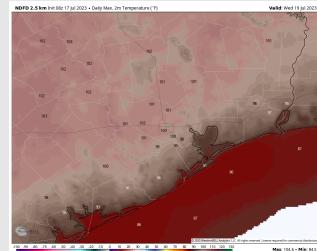
Precip Image: 12 PM CT





Hour 72 • Valid: 007 Thu 20 Jul 202

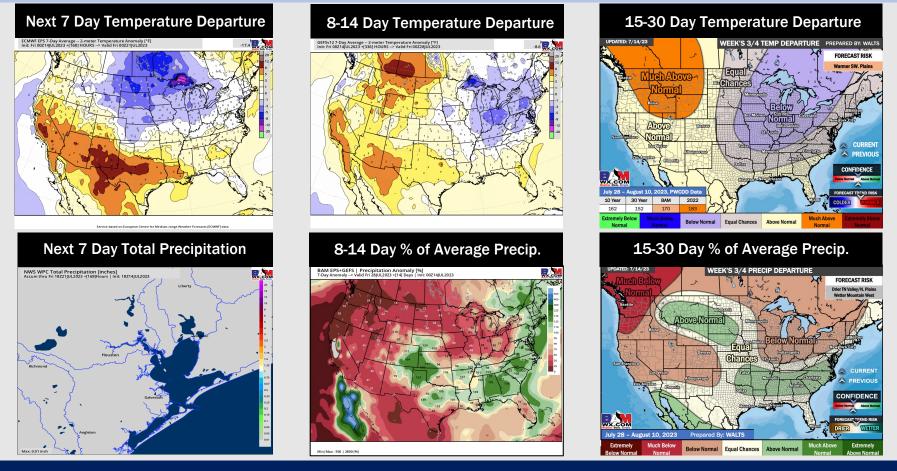
4 6 7 8 9 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48 50 52 54 56 58 60 62 64 66 70 75 80 85 90 95 100



High Temps Wednesday

Houston Pilots: 7/17/23





- Above normal temperatures are favored over the next week. Below normal precipitation chances are favored for this week with little to no precip anticipated.
- Expecting below normal precipitation chances and above normal temperatures for the week 2 timeframe.
- Above normal temperatures and seasonable chances for precipitation are favored in the weeks ³/₄ timeframe.