Houston Pilots Forecast Package

Updated: 12:50 PM CT

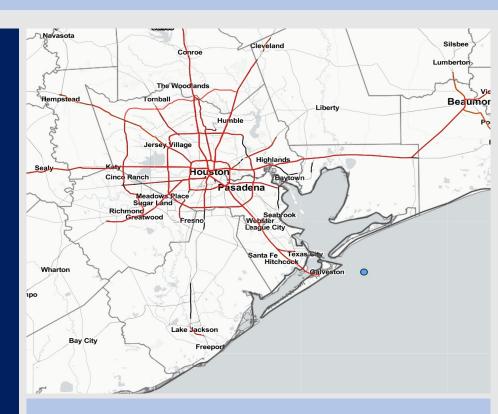
Friday, July 28, 2023

Forecaster: Tyler Riggles



Weather Headlines

- Pop-up chances will continue to be possible over the next few days (low-end 10% chances)
- Excessive heat concerns (90+ F) to continue throughout at least next week.
- No active tropical threats to SE TX for next 7-10 days.
- Winds are primarily favored to remain calm, especially during the morning hours (<10 kts) with speeds seldom exceeding 17 kts in the PM over the next 72 hours.</p>



Radar/NWS Alerts: 12:50 PM CT



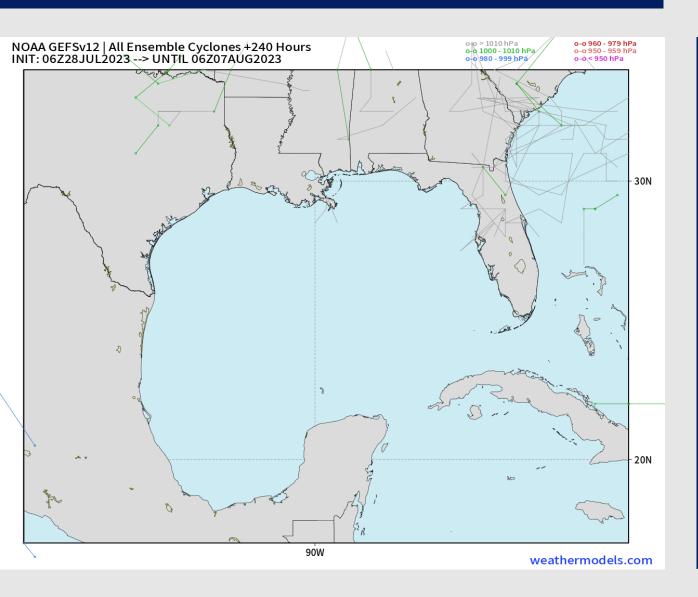
As always, please do not hesitate to reach out to us with any forecast questions via the chat option on the Weather Porthole or our on-call number, (317)-560-8122 press 1 for forecast questions.

Houston Pilots 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



Below Normal

												N	orm	al			Normal																			
Time	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	Sat 4pm	Sat 5pm	Sat 6pm	Sat 7pm	Sat 8pm	Sat 9pm	Sat 10pm	Sat 11pm
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	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	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	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	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	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	10	10	10	10	10	10	10	10	10	10	10	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	10	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	10	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







Sustained wind 13 Knots

Gusts 18 Knots

WS: 13

G:18

N

Time	Fri	Fri	Fri	Fri	Fri	Fri	Fri	Fri	Fri	Fri	Fri	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
Knots	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	3pm	4pm	5pm	6pm	7pm	8pm	9pm	10pm	11pm
	1	2	5	5	8	6	7	7	6	6	5	5	4	3	2	3	3	2	2	1	2	3	4	4	4	4	5	6	6	7	9	9	8	7	7	6
610 Bridge	3	4	6	7	11	9	10	10	11	12	13	13	12	9	7	5	5	3	3	2	3	4	5	5	5	6	7	9	9	10	11	12	11	10	10	9
	SE	ESE 3	ESE 6	SSE 5	SSE	SSE	SSE	S	SSE	SSE	SSE 5	S	3	5	S	S	SSW	SSW	SSW	SW	SW	SW	SW	SSW	S	S	S	SSE	SSE	SSE	SSE	SSE	S	S 7	S	S
Kinder 1	3	1	7	7	10	9	10	11	11	12	13	13	11	2	6	5	5	3	3	2	3	4	5	5	5	6	7	9	9	10	11	11	11	10	10	ä
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	2	4	6	7	8	8	9	8	7	6	5	5	3	2	2	3	3	2	2	2	2	3	4	3	4	4	5	6	7	8	9	9	8	7	7	6
Greens Bayou	3	5	7	8	10	10	12	12	11	12	13	14	11	8	6	5	5	3	3	2	4	4	5	5	5	6	7	9	10	11	11	11	10	10	10	9
-	E	ESE	ESE	SE	SE	SSE	SE	SSE	SSE	SSE	SSE	S	S	S	S	S	SSW	SSW	SW	WSW	SW	SW	SW	SSW	S	S	SSE	SSE	SSE	SSE	SSE	SSE	S	S	S	S
	2	5	6	7	9	8	9	8	7	6	5	5	3	2	2	3	3	2	2	2	2	3	4	4	4	5	6	7	8	9	10	9	8	7	7	6
Shell Crude	4	6	7	9	11	10	12	12	11	12	13	13	10	8	6	5	5	3	3	3	4	5	5	5	6	6	8	9	10	11	11	11	11	10	10	9
	E	ESE	SE	SE	SE	SSE	SE	SSE	SSE	SSE	S	S	S	S	S	S	SSW	SW	SW	WSW	wsw	sw	SSW	SSW	S	S	SSE	SSE	SSE	SSE	SSE	SSE	S	S	S	S
Lynchburg Ferries	3	6	6	8	10	9	10	9	/	5	5	5	3	3	2	4	4	3	2	2	2	3	4	4	4	5	6	8	8	10	10	10	9	8	/	/
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Morgans Point	6	8	10	13	14	14	14	13	11	12	13	13	12	11	10	7	6	5	5	5	4	5	6	6	7	8	10	12	13	14	14	14	13	12	11	10
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75/76	5	8	12	14	15	14	14	13	11	12	13	13	12	11	10	8	7	6	6	5	5	5	6	6	7	9	11	12	14	15	16	15	14	13	12	11
,	ESE	SE	SSE	SSE	SSE	SSE	SSE	S	S	S	S	S	S	SSW	SSW	SSW	SSW	SW	SW	wsw	wsw	wsw	sw	SSE	SE	SE	SSE	SSE	SSE	SSE	SSE	S	S	S		SSW
	3	7	11	13	13	12	12	11	10	10	10	10	9	8	8	7	6	6	5	4	4	4	3	4	5	7	9	10	12	13	14	13	12	11	10	10
63/64	4	8	12	14	14	13	13	12	11	12	12	12	11	10	9	8	7	6	5	5	5	5	5	6	7	9	11	12	13	14	15	15	13	12	11	11
	ESE	SE	SSE	SSE	SSE	SSE	SSE	S	S	S	S	S	S	SSW	SSW	SSW	SSW	SW	SW	WSW	WSW	WSW	WSW	SSE	SE	SE	SE	SSE	SSE	SSE	SSE	S	S	S	S	SSW
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51/52	3	7	11	13	13	12	12	12	11	11	11	12	11	10	9	8	7	6	5	5	5	5	5	6	7	9	10	11	12	13	14	14	12	11	11	10
	SE	SE	SSE	SSE	SSE	SSE	SSE	S	S	S	S	S	S	S	SSW	SSW	SSW	SSW	SW	WSW	WSW	WSW	WSW	SSE	SE	SE	SSE	SSE	SSE	SSE	S	S	S	S	S	S
	2	7	10	11	11	11	11	10	10	10	10	9	9	8	7	6	6	5	4	4	4	4	4	4	5	7	8	9	10	10	11	11	10	8	8	9
37/38	4	7	10	12	12	12	11	11	11	11	11	11	11	10	9	7	7	6	5	5	5	5	5	6	7	8	9	10	11	12	12	12	11	9	9	10
	ESE	SE	SSE	SSE	SSE	SSE	S	S	S	S	S	S	S	ssw	ssw	SSW	ssw	ssw	SW	sw	wsw	wsw	SW	SSE	SE	SSE	SSE	SSE	SSE	SSE	S	S	S	S	S	S
07/00	3	7	9	11	11	10	10	9	9	8	8	8	8	7	6	6	5	5	4	3	3	4	4	4	6	7	7	8	9	9	9	9	8	7	/	8
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	ESE 5	SE	SSE	SSE	SSE	SSE	5	S	S	S	S	S	S	SSW	SSW	S	SSW	SSW	SSW	SW	SW	SW	SW	S	SSE	SSE	SSE	SSE	SSE	SSE	S	S	S	S	S	S
11/12	9	7	9	10	10	11	10	10	10	10	11	11	8	,	0	7	6	9	-	-	- 4	-	4	4	7	,	,	0	10	10	10	0	°	,	,	°
11/12	6	SSE	9	11 SSE	11 SSE	11 SSE		0	0	10	11 S	11	10 SSW	CCM	CCM	,	CCW	CCM	CCM	CW	CM.	CM	5 SW	0	SSE	SSE	SSE	SSE	10	10 SSE	10	9	9	8	9	9
	SE	55E	SSE 8	10	SSE 9	10	10	9	9	10	10	10	10	SSW	SSW	7	35W	55W	55W	5W	5W	5W	5W	5	55E	55E	55E	55E	SSE	35E	9	9	9	8	3	3
1 & 2 Bravo	6	6	8	10	10	10	11	10	10	10	10	11	10	9	8	8	7	7	6	6	6	5	6	6	6	7	7	8	á	9	10	10	10	9	9	10
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This data should be used as a guide only

Houston Pilots: Fri. 7/28/2023





Forecast Discussion

Precip: Anticipating mostly dry conditions for the remainder of the day, with an isolated shower/thunderstorm (10%) possible for Stations N of Morgan's Point between 2 - 7 PM. After 7 PM expect conditions to remain dry for the rest of the evening.

Wind: Winds will be out of the S/SE for the rest of the day. Winds N of Morgan's Point will be near-calm at 1 – 6 kts through 3 PM when then they will increase to 7-12 kts for the rest of the day. Winds S of Morgan's Point will be at 12 – 17 kts for the rest of the day.

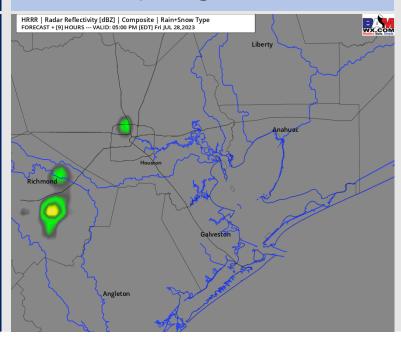
Temps: Low temperatures tonight will be in the low 80s F for Stations S of Morgan's Point and in the upper 70s F for Stations N of Morgan's Point.

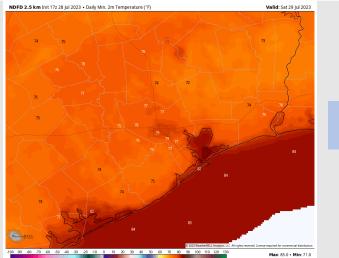
Visibility: Not anticipating any visibility concerns at this time.

HRRR | 10-meter Wind Speed [mph] & Direction FORECAST + (1) | HOURS — VALID 0709 OF MEDT] Fr) | UL 28, 2023

Wind Speed: 6 PM CT

Precip Image: 4 PM CT





Low Temps Sat AM

Houston Pilots: Sat. 7/29/2023





Forecast Discussion

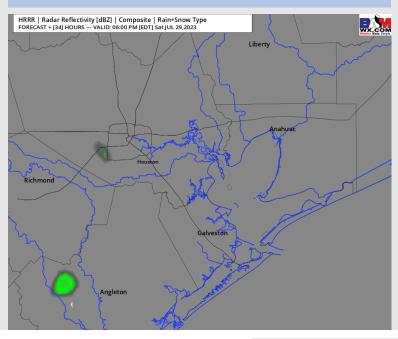
Precip: Favoring mostly dry conditions Saturday, aside for a 10% chance for an isolated shower/thunderstorm from 12 – 7 PM. After 7 PM expect conditions to be dry for the rest of the evening.

Wind: Winds will be out of the S/SW throughout the day Saturday. For Stations N of Morgan's Point winds will be 2 – 7 kts until 3 PM at which point winds will increase to 6 – 11 kts for the rest of the evening. Stations S of Morgan's Point will have winds of 5-10 kts until 5 AM. After 5 AM winds will decrease to 2-7 kts until 1 PM. After 1 PM winds will increase to 12-17 kts for the rest of the day.

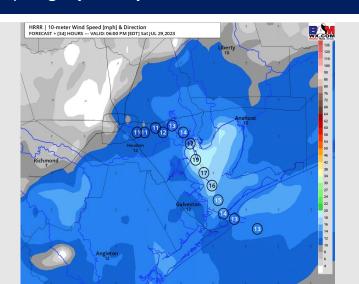
Temps: High temperatures Saturday will be in the upper 80s for the Boarding Station, low/mid 90s F for all other Stations S of Morgan's Point and in the upper 90s near 100 F N of Morgan's Point.

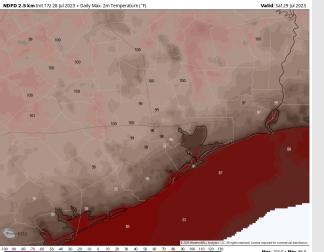
Visibility: Not anticipating any visibility concerns at this time.

Precip Image: 5 PM CT



Wind Speed: 5 PM CT





High Temps Saturday

Houston Pilots: Sun. 7/30/2023





Forecast Discussion

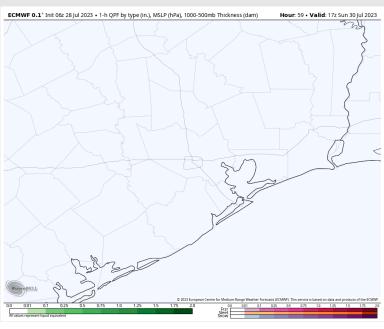
Precip: Favoring dry conditions throughout the day Sunday.

Wind: Winds will be out of the S/SW throughout the day for all Stations. For Stations N of Morgan's Point, winds of 2 – 7 kts will continue through 5 PM. After 5 PM winds will increase to 5 – 10 kts for the rest of the evening. For Stations S of Morgan's Point, winds will be at 5 – 10 kts through 6 AM, after which time winds will calms to 2 – 7 kts through 4 PM. After 4 PM winds will increase to 7 – 12 kts for the rest of the day.

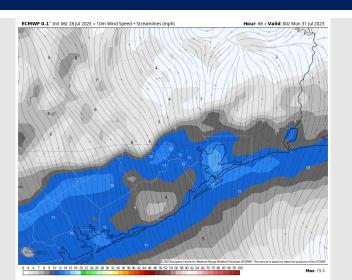
Temps: High temperatures Sunday will be in the upper 80s F for the Boarding Station, low/mid 90s F for all other Stations S of Morgan's Point and upper 90s near 100 F N of Morgan's Point.

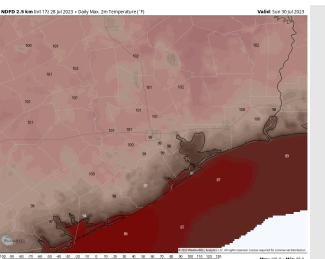
Visibility: Not anticipating any visibility concerns at this time.

Precip Image: 12 PM CT



Wind Speed: 7 PM CT



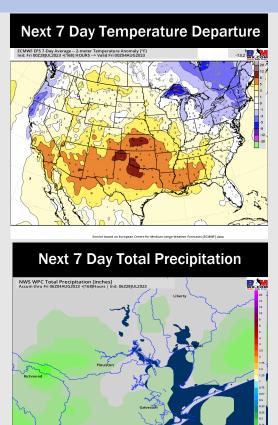


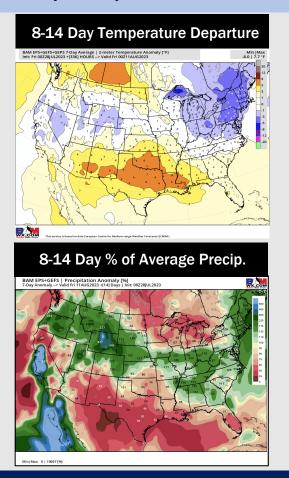
High Temps Sunday

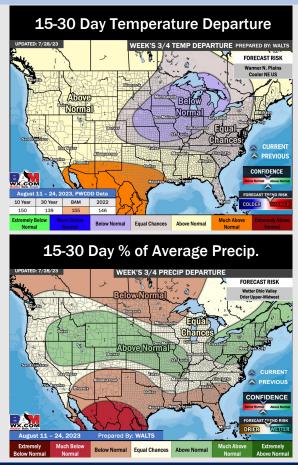
Houston Pilots: 7/28/23











- Above normal temperatures are favored over the next week. Anticipating low-end rain chances to be possible for the area over the next few days.
- Expecting much below normal precipitation chances and above normal temperatures for the week 2 timeframe.
- > Above normal temperatures and below normal chances for precipitation are favored in the weeks 3/4 timeframe.