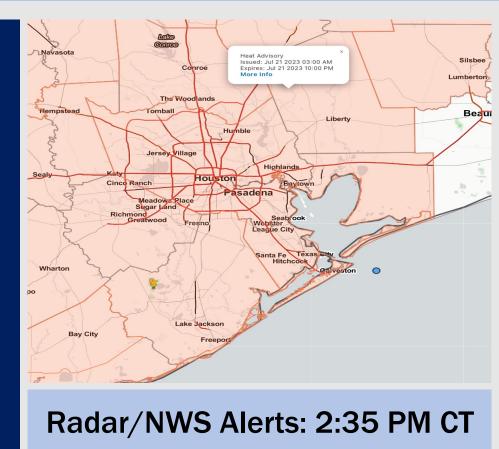
# **Houston Pilots Forecast Package**

Updated: 2:35 PM CT Friday, July 21, 2023

### **Forecaster: Tyler Riggles**

### Weather Headlines

- Mostly dry start to the weekend but better 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.



Houston Pilots

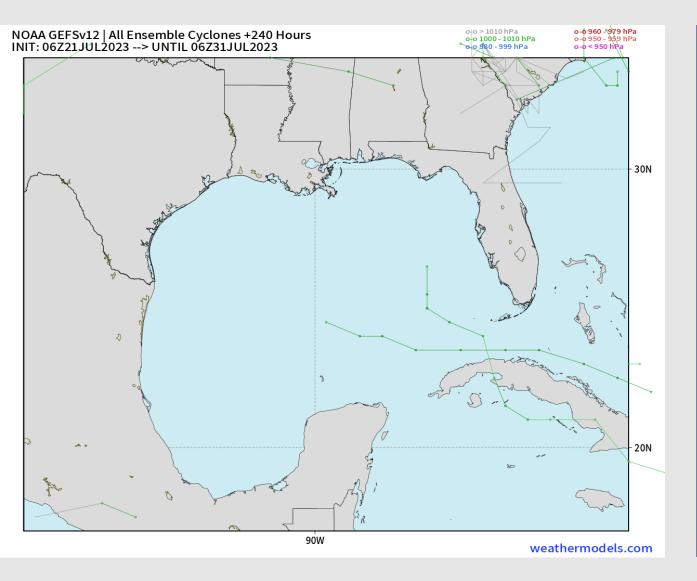


As always, please do not hesitate to reach out to us with any forecast questions via the chat option on the Weather Porthole or our on-call number, (317)-560-8122 press 1 for forecast questions.

# **Houston Pilots Tropical Update**



#### American Model Low Pressure Tracks Next 10-Days



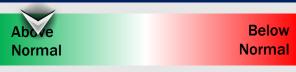
No tropical activity anticipated over the next 10 days for SE TX.

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

### Houston Pilots Visibility Chart (miles)



#### **Forecast Confidence**



Time	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	Sun 12am
610 Bridge	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	7	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	7	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	8	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	8	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	8	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	8	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	8	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	8	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	8	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	9	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**



					Forecast Confidence															Example Sustained wind 13 Knots																
						Abov Norr				Below Normal								Gusts 18 Knots Wind from the N														18				
Time	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	Sun
Knots	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	12am
610 Bridge	2	2	2	4	7	8	8	8	7	7	7	6	5	5	4	5	4	4	4	4	5	6	5	5	4	4	4	4	5	6	8	9	8	8	7	6
	5	4	4	6	10	11	12	12	13	14	14	15	14	14	12	8	6	6	6	7	7	9	8	7	6	6	7	6	8	9	11	13	12	12	10	9
	WSW	SW	WSW	SSE	SE	SSE	S	S	S	S	S	SSW	SSW	SSW	SW	SW	SW	WSW	WSW	W	W	W	W	W	W	WNW	WNW	W	5	5	S	S	S	S	S	SSW
Kinder 1	2	2	2	6	7	8	8	7	7	7	6	6	5	5	4	5	4	4	4	4	5	6	5	5	4	4	4	4	5	7	8	9	8	8	7	6
	4	4	4	8	9	11	12	12	13	14	14	15	14	14	12	8	6	6	6	7	7	9	8	7	6	6	7	6	8	9	11	13	12	12	11	9
	SW	SW	SW	SSE	SE	SSE	S	S	S	S	SSW	SSW	SSW	SSW	SW	SW	SW	WSW	WSW	W	W	W	W	W	WNW	WNW	WNW	WSW	S	S	S	S	S	S	S	SSW
Greens Bayou	3	2	4	8	7	8	8	7	7	7	6	5	5	4	3	5	4	4	4	4	5	6	5	5	4	4	4	4	6	7	8	9	8	8	7	5
	4	4	5	10	9	11	12	12	14	14	14	15	14	14	12	8	6	6	5	7	8	9	8	7	6	6	7	7	9	10	11	13	12	12	11	8
	SW	SSW	S	SE	SE	S	S	S	S	S	SSW	SSW	SSW	SSW	SW	SW	SW	WSW	WSW	W	W	W	W	W	WNW	W	W	SW	S	S	S	S	S	S	S	SSW
Shell Crude	2	3	6	9	7	8	8	8	7	7	6	5	4	4	4	5	4	4	4	5	5	6	5	5	4	4	5	5	6	8	9	9	8	8	7	6
	4	5	7	11	9	11	12	12	14	14	14	14	14	14	12	7	6	6	6	7	8	9	8	7	6	6	7	8	9	10	12	13	12	12	11	9
	SW	5	SSE	SE	SSE	S	S	S	S	S	SSW	SSW	SSW	SSW	SW	SW	SW	WSW	WSW	W	W	W	W	W	W	W	WSW	S	S	S	S	S	S	S	S	SSW
Lynchburg Ferries	3 4 SW	4 5 S	7 8 SSE	9 12 SSE	8 11 SSE	9 12 SSE	9 12 S	8 13 S	7 14 S	7 14 S	6 15 S	5 15 SSW	4 14 SSW	4 14 SSW	3 12 SW	5 8 SW	5 7 SW	4 6 WSW	4 6 WSW	5 7 W	6 8 W	6 9 W	5 8 W	5 7 W	4 7 W	4 6 W	5 8 WSW	6 8 S	7 10 SSE	9 11 S	10 13 S	10 14 S	9 13 S	9 12 S	7 11 S	6 9 SSW
Exxon 3	4	6	8	10	9	9	9	8	7	7	7	6	4	4	4	6	5	5	5	5	6	6	5	5	4	5	6	7	9	10	11	10	10	9	8	7
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	S	SSE	SSE	SSE	SSE	SSE	S	S	S	S	SSW	SSW	SSW	SSW	SW	SW	SW	WSW	WSW	W	W	W	W	W	W	WSW	SSW	S	SSE	S	S	S	S	S	S	SSW
Morgans Point	6	8	10	11	11	10	10	9	9	9	8	7	6	6	6	7	7	6	6	6	7	7	6	5	5	5	7	9	11	12	13	12	11	11	9	8
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	SE	SSE	SSE	SSE	SSE	S	S	S	S	S	SSW	SSW	SSW	SSW	SW	SW	WSW	WSW	WSW	W	W	W	W	W	WSW	SSW	S	SSE	SSE	S	S	S	SSW	SSW	S	SSW
75/76	7	9	12	13	13	12	11	11	11	11	11	10	10	9	9	9	8	8	8	8	8	7	6	5	5	6	9	11	14	15	15	15	14	13	12	9
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	ESE	SE	SSE	SSE	SSE	S	S	S	S	S	SSW	SSW	SSW	SW	SW	SW	WSW	WSW	WSW	W	W	W	W	WSW	S	SSE	SSE	SSE	S	S	S	S	SSW	SSW	SSW	SW
63/64	6	9	11	13	13	13	12	12	12	11	11	11	11	9	9	9	9	8	8	8	8	7	6	5	5	6	9	11	14	15	16	16	14	13	12	9
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	ESE	SE	SSE	SSE	SSE	S	S	S	S	SSW	SSW	SSW	SSW	SSW	SW	SW	WSW	WSW	WSW	W	W	W	W	W	SE	SSE	SSE	SSE	S	S	S	SSW	SSW	SSW	S	SSW
51/52	4	8	10	13	13	13	13	12	12	12	12	12	11	9	9	9	8	8	8	8	8	7	6	5	5	6	8	11	13	15	16	15	14	12	11	9
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	ESE	SSE	SSE	SSE	S	S	S	S	S	SSW	SSW	SSW	SSW	SSW	SW	SW	WSW	WSW	WSW	W	W	W	W	WNW	SE	SSE	SSE	S	S	S	SSW	SSW	SSW	SSW	S	SSW
37/38	3	8	9	12	12	13	13	12	12	11	11	12	11	9	9	8	7	7	7	7	8	7	6	5	5	6	8	11	13	14	15	15	13	11	11	9
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	ESE	SE	SSE	S	S	S	S	S	S	SSW	SSW	SSW	SSW	SSW	SW	SW	WSW	WSW	WSW	W	W	W	W	WNW	ESE	SSE	S	S	S	SSW	SSW	SSW	SSW	SSW	SSW	SSW
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	SE	SE	SSE	S	S	S	S	S	S	S	SSW	SSW	SSW	SSW	SW	SW	WSW	WSW	WSW	W	W	W	W	W	SSE	S	S	S	S	SSW	SSW	SSW	SSW	SSW	SSW	SSW
11/12	7	8	8	10	10	12	11	11	10	10	10	10	9	9	8	8	7	7	7	7	7	7	6	6	6	7	8	10	11	12	12	12	11	10	10	9
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	SE	SSE	SSE	S	S	S	S	S	S	S	SSW	SSW	SSW	SSW	SW	SW	SW	WSW	WSW	W	W	W	W	W	S	S	S	S	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW
1 & 2 Bravo	5 5 SSE	7 7 SSE	7 8 SSE	9 10 S	10 13 S	11 14 S	12 14 S	11 13 S	12 13 SSW	12 13 S	12 13 SSW	12 14 SSW	11 13 SSW	11 12 SSW	10 11 SW	10 11 SW	9 10 SW	9 10 WSW	8 9	8 9 W	8 9 W	8 9 W	7 9 W	6 8 WSW	6 8 SW	6 8 SSW	8 9 SSW	10 11 SSW	11 12 SSW	13 14	14 15 SSW	14 15	13 14	12 12 SSW	12 12	11 12

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# Houston Pilots: Fri. 7/21/2023



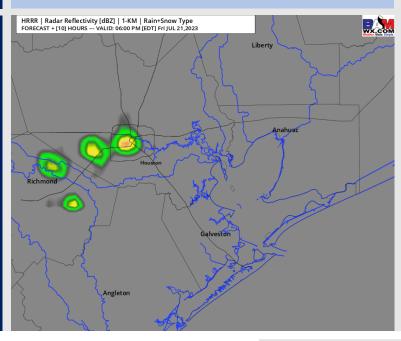
### **Forecast Discussion**

**Precip:** Anticipating a 10-20% chance for hit and miss showers for Stations N of Morgan's Point between 4-7 PM.

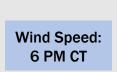
Wind: Winds will be out of the S/ SW for the rest of the day. Winds will be 3-8 kts for Stations N of Morgan's Point through 4 PM. After 4 PM winds will slightly increase to 6-11 kts for the rest of the day. Winds S of Morgan's Point will be 12-17 kts for the rest of the day. Wind gusts of 18-23 kts are possible after 4 PM for all stations today.

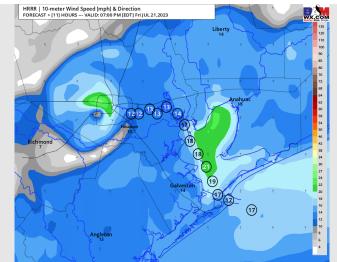
**Temps:** Low temps tonight will be in the low 80s F for Stations S of Morgan's Point and in the upper 70s near 80 F N of Morgan's Point.

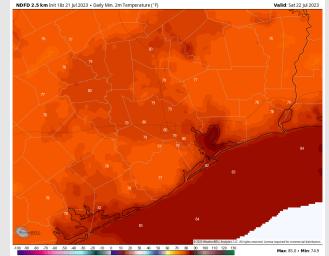
#### Precip Image: 5 PM CT



#### Visibility: Not anticipating any visibility concerns at this time.







Low Temps Sat AM

# Houston Pilots: Sat. 7/22/2023



### **Forecast Discussion**

8 PM CT

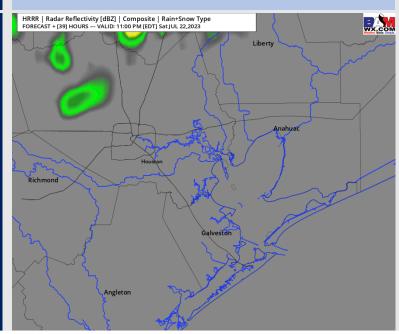
Precip: Favoring mostly dry conditions throughout the day Saturday, aside isolated chances (10-20%) of showers/thunderstorms after 7 PM.

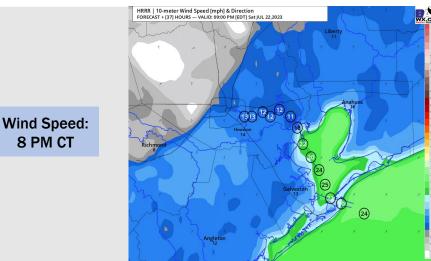
Wind: Winds will be out of the SW throughout the day. Winds for Stations N of Morgan's Point will be at 2-7 kts for the majority of the day, except for a brief increase to 8-13 kts between 6-11 PM. Winds S of Morgan's Point will be 11-16 kts through 9 AM. After 9 AM winds S of Morgan's Point will decrease 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.

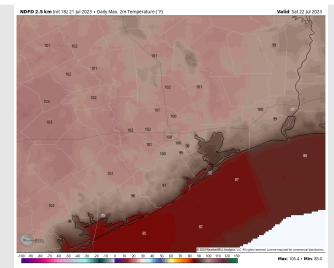
Temps: High temperatures Saturday will be in the upper 80s F near the Boarding Station, in the low/mid 90s F for all other stations S of Morgan's Point, and in the upper 90s F/low 100s F for stations N of Morgan's Point.

#### Visibility: Not anticipating any visibility concerns at this time.

#### Precip Image: 10 PM CT







**High Temps** Saturday

# Houston Pilots: Sun. 7/23/2023



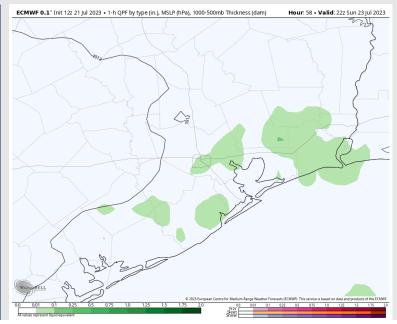
### **Forecast Discussion**

Precip: Favoring low-end chances (10-20%) for scattered showers until 3 PM. Then favoring a 30-40% chance of showers/thunderstorms between 3 – 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 5 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 7-12 kts associated with showers/thunderstorms. After 6 PM winds will decrease slightly to 5-10 kts for the rest of the day. Wind Gusts of 18-23 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

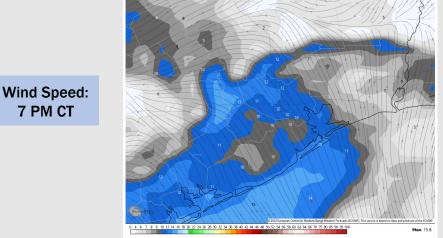
#### Precip Image: 5 PM CT



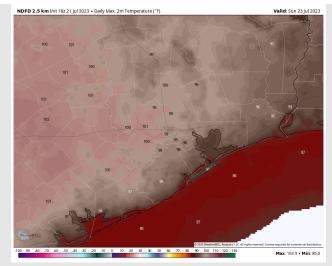
Visibility: Not anticipating any visibility concerns at this time.

**7 PM CT** 

ECMWE 0.1° Init 127 21 Jul 2023 • 10m Wind Sneed + Streamli



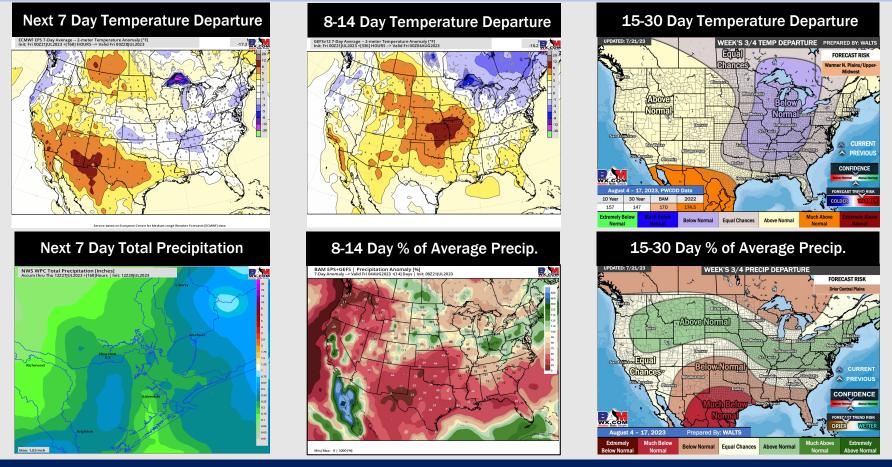
Hour: 60 • Valid: 00z Mon 24 Jul 2023



#### **High Temps** Sunday

# Houston Pilots: 7/21/23





- Above normal temperatures are favored over the next week. Anticipating low-end rain chances to make their way back into 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 much below normal chances for precipitation are favored in the weeks <sup>3</sup>/<sub>4</sub> timeframe.