Houston Pilots Forecast Package

Updated: 2:00 PM CT

Saturday, November 11, 2023

Forecaster: Jonathan Kipper



Weather Headlines

- Scattered to widespread shower / storm chances will continue through MON bringing heavy rainfall and localized flash flooding potential.
- Sustained winds expected to remain calm N of Morgan's Point. Winds south of Morgan's Point between 15-20 kts this weekend.
- Monitoring MON for elevated winds S of Morgan's Point and Gusts of 30-40 kts. More details on slides below.
- Monitoring potential for wave heights of 4-5 ft near the Boarding Station on MON as well (more details on timing will be provided if needed).



Radar/NWS Alerts: 1:50 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 Extended Range Visibility Report





Tuesday 11/14/23

Not anticipating any fog concerns Tuesday.

Wednesday 11/15/23

Not anticipating any visibility concerns on Wednesday.

Forecast Confidence

Above Normal

Below Normal

Forecast Confidence

Above Normal

Below Normal

Unlikely

Unlikely

Unlikely

Thursday 11/16/23

No visibility concerns Thursday.

Chance for Fog

Tuesday AM

Tuesday PM Unlikely

Wednesday AM

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Wednesday PM Unlikely

Thursday AM

Thurssday PM Unlikely

Forecast Confidence



Below Normal

Houston Pilots Visibility Chart (miles)





Forecast Confidence



Below Normal

Time	Sat 1pm	Sat 2pm	Sat 3pm	Sat 4pm	Sat 5pm	Sat 6pm	Sat 7pm	Sat 8pm	Sat 9pm	Sat 10pm	Sat 11pm	Sun 12am	Sun 1am	Sun 2am		Sun 4am	Sun 5am	Sun 6am			Sun 9am	Sun 10am	Sun 11am	Sun 12pm	Sun 1pm	Sun 2pm	Sun 3pm	Sun 4pm	Sun 5pm	Sun 6pm	Sun 7pm	Sun 8pm	Sun 9pm	Sun 10pm	Sun 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	9	8	9	9	10	10	10	10	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	9	9	7	9	9	9	10	10	10	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	9	7	6	6	6	6	6	6	6	7	7	7	7	10	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	8	9	9	9	9

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Houston Pilots Wind Chart







Sustained wind 13 Knots

Gusts 18 Knots

Wind from the N

WS: 13

G:18

N

Time	Sat	Sat	Sat	Sat	Sat	Sat	Sat	Sat	Sat	Sat	Sat	Sun	Sun	Sun	Sun	Sun	Sun	Sun	Sun	Sun	Sun	Sun	Sun	Sun	Sun	Sun	Sun	Sun	Sun	Sun	Sun	Sun	Sun	Sun		Mon
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
	4	5	5	5	4	4	5	5	4	4	4	4	4	3	3	5	5	5	5	6	7	7	7	7	7	7	7	8	8	8	7	7	7	8	8	8
610 Bridge	7	9	8	9	9	10	12	12	12	12	11	11	10	9	10	7	8	8	9	9	11	11	10	10	11	11	11	12	12	12	11	11	11	13	13	12
	N	NNE	N	ENE	ESE	N	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE						
	4	5	5	5	4	4	5	5	4	4	4	4	4	3	3	5	5	5	5	6	7	7	7	7	7	7	7	8	8	8	7	7	7	8	8	8
Kinder 1	7	9	8	9	9	10	12	12	12	12	11	12	11	9	10	7	8	8	8	9	11	11	10	10	11	11	11	12	12	12	11	11	11	12	13	12
	NE 4	NNE 6	NNW 5	ESE	A.	A A	NNE 5	NNE 5	A A	A A	A A	A A	A A	NNE	A A	NNE 5	NNE 6	NNE 5	NNE 5	NNE 6	NNE 8	NNE 7	NNE 7	NNE 7	NNE 7	NNE 7	NNE 7	NNE 8	NNE 7	NNE 8	N 7	NNE 7	NNE 7	NNE 8	NNE 8	NNE 8
Greens	7	9	8	8	9	10	11	12	12	11	12	12	11	9	10	7	8	8	8	9	11	11	10	10	10	11	11	12	11	12	11	11	12	12	12	12
Bayou	NE	Ň	sw	w	Ň	N	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	N	NNE	NNE	NNE	NNE	NNE						
	5	6	5	5	4	4	5	5	4	4	4	4	4	3	4	5	6	5	6	6	8	8	7	7	7	7	8	8	7	8	7	8	8	8	8	8
Shell Crude	8	10	8	8	9	10	12	12	12	11	12	12	10	9	10	7	8	8	9	9	11	11	10	10	10	11	11	12	11	12	11	12	12	12	12	12
	E	N	SE	NW	N	N	NNE	NNE	NNE	NNE	NNE	NE	NNE	NNE	NNE	NNE	NNE	N	NNE	N	NNE	NNE	NNE	NNE	NNE											
Lynchburg	5	6	5	5	4	5	5	5	4	4	5	4	4	3	4	6	6	6	6	7	8	8	8	7	7	8	8	8	8	8	8	8	8	8	8	8
Ferries	8	9	8	8	9	11	11	12	12	11	12	12	10	9	10	8	8	8	9	9	11	11	10	10	10	11	11	12	11	12	11	12	12	12	12	12
	N	N	N	N	N A	NNE	NNE	NNE	NNE	NNE	NE	NE 4	NNE	NNE	NNE	NNE	NNE	N	NNE	N	N	NNE	NNE	NNE	NNE	NNE										
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	7	7	5	6	5	6	6	7	6	5	6	5	4	5	5	8	8	8	8	8	9	9	8	8	8	9	9	10	10	10	10	10	10	10	11	11
Morgans	9	9	8	8	9	10	12	12	12	11	13	12	10	9	10	10	10	10	10	11	11	11	11	11	11	12	12	13	13	13	12	13	13	13	14	14
Point	E	N	ESE	WNW	ESE	N	NNE	NNE	NNE	NNE	NE	NNE	NNE	NE	NNE																					
	8	8	7	8	8	8	10	10	10	9	10	9	8	7	8	11	12	12	11	11	11	10	9	9	9	10	11	12	12	12	12	12	13	13	14	14
75/76	9	9	8	9	10	10	12	13	12	11	13	12	11	9	10	12	13	13	12	12	13	12	12	12	12	13	13	15	14	14	14	14	15	15	16	16
	ENE 9	N	wsw	S	ESE	N 10	NNE	NNE	NNE	NE 44	NE	NE	NE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE
63/64	10	10	8 9	9	10 10	10 10	12 13	12 13	12 13	11 12	12 13	11 12	10 11	10	10	12 13	13	13 14	13 13	12 13	12 14	11 13	10 12	12	13	10 13	11 13	12 14	13 14	13 15	13 14	13 14	14 15	15 16	17	16 17
03/04	N	N	NW	NNE	N	NNF	NNE	NNE	NNE	NE	NE	NE	NE	NNF	NNE	NNE	NNE	NNF	NNE	NNF	NNE	NNE	NNE	NNE	NNE	NNF	NE NE									
	10	10	9	9	10	10	11	13	12	10	11	11	10	9	10	12	13	13	12	12	12	12	11	10	10	10	10	12	13	13	13	13	14	15	15	15
51/52	10	10	10	10	11	10	13	14	13	12	13	12	12	11	12	13	14	14	13	13	14	13	13	12	13	13	13	14	14	14	14	14	15	16	17	17
	N	N	ESE	N	N	NNE	NNE	NNE	NNE	NE	NE	NE	NE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NE
	10	10	9	10	10	10	11	13	12	11	11	11	10	9	10	11	12	12	12	12	13	12	11	10	10	10	10	11	12	12	12	12	13	14	15	15
37/38	11	11	10	10	11	11	13	14	13	12	13	12	12	11	12	12	13	14	13	14	14	13	13	12	12	12	12	12	13	14	14	13	15	16	16	16
	N	N	N	N	N	NNE	NNE	NNE	NNE	NE	NE	NE	NE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NE	NE
25/26	10 11	9 10	9 10	9 10	11	10 11	12	12 14	11 13	10 12	10 12	10 12	9 11	9 11	10 12	10 11	11 12	11 12	11 12	12 13	12 13	11 13	11 13	10 12	10 12	10 12	10 12	10 12	11 12	11 13	11 13	13	12 14	13 15	16	14 15
25/26	N	N	N	N	N	NNE	NNE	NNE	NNE	NE	NE	NE	NE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NE	NE
	9	8	8	8	9	9	10	11	10	10	10	10	9	9	9	10	11	11	11	12	12	11	11	10	10	10	10	10	11	11	11	11	12	13	14	14
11/12	10	9	9	9	10	11	13	14	13	13	13	12	11	11	12	12	12	12	12	13	13	13	13	12	12	12	12	12	12	12	13	13	14	15	16	16
	NNE	N	N	N	NNE	NNE	NNE	NNE	NNE	NNE	NE	NE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NE	NE
	10	9	9	10	11	11	13	14	13	13	13	12	11	11	12	13	14	13	14	14	14	13	12	11	10	11	11	12	13	13	14	14	15	16	17	17
1 & 2 Bravo	10	9	10	10	11	11	13	14	14	14	13	12	12	11	12	14	15	14	15	15	15	14	13	12	12	12	12	13	14	14	15	15	17	18	18	19
	N	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NE	NE	NE	NE	NNE	NE	NNE	NE	NE	NE	NE	NNE	NE	NE	NNE	NNE	NNE	NNE	NNE	NE	NE						

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This data should be used as a guide only

Houston Pilots: Sat. 11/11/2023





Forecast Discussion

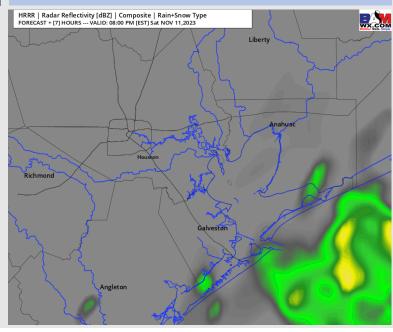
Precip: Anticipating dry conditions until 3 PM this afternoon. After 3 PM, chances will be hit/miss at 20-30% for the remainder of the afternoon/evening (best chances to see rain near the Boarding Station). Better coverage will remain to the west and south.

Wind: Winds will be out of the NE for the rest of the day. N of Morgan's Point: Winds will remain at 5 - 8 kts, while at stations S of Morgan's Point, winds at 11 - 16kts will continue the rest of the PM.

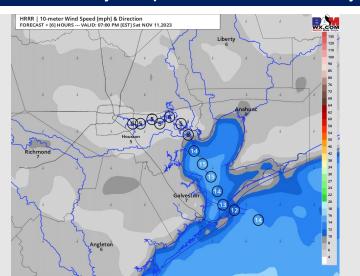
Low Temps: N of Morgan's Point: Mid 50's F. S of Morgan's Point: Low 60s F.

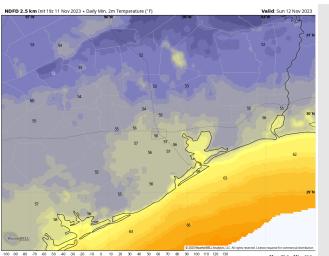
Visibility: No reduced visibility is expected the rest of the day.

Precip Image: 7 PM CT



Wind Speed: 6 PM CT





Low Temps SUN AM

Houston Pilots: Sun. 11/12/2023





Forecast Discussion

Precip: Hit/miss rain showers from Saturday PM will continue through the early AM, with coverage tapering to isolated drizzle by 6 AM. The best dry time will arrive from 12 PM - 5 PM with very isolated pockets of drizzle before another wave of moderate rain rolls in. Data in high agreement for the wave to arrive towards 5 PM. Coverage will gradually increase for the remainder of the PM.

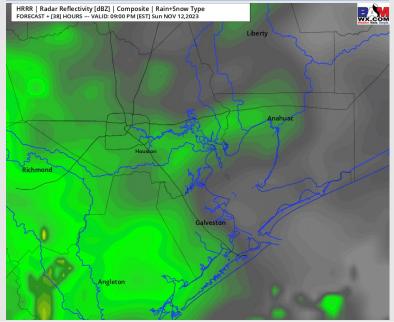
Wind: Winds will be out of the NE throughout the day SUN. N of Morgan's Point: Winds will be at 4 - 9 kts throughout the entirety of the day S of Morgan's **Point:** Winds will be at 13-18 kts throughout the majority of the day, with an increase to 16 - 21 kts after 9 PM. Wind gusts of 22 - 27 kts will be for the boarding station throughout the day.

High Temps: N of Morgan's Point: Upper 60s F. S of Morgan's Point: Near 70F.

Visibility: Not anticipating any visibility concerns for Sunday.

HRRR | 10-meter Wind Speed [mph] & Direction

Precip Image: 8 PM CT



Wind Speed: 9 PM CT

High Temps Sunday

Houston Pilots: Mon. 11/13/2023





Forecast Discussion

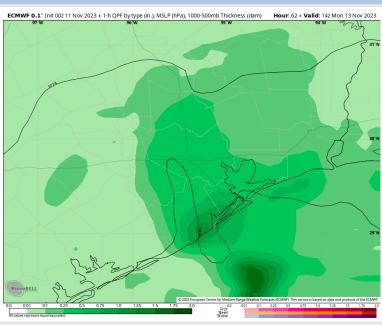
Precip: Widespread moderate/heavy showers will continue through 3 PM on MON. After 3 PM, coverage will gradually decrease with dry conditions after 7 PM (lingering hit/miss showers still possible near Boarding Station).

Wind: Winds will be out of the N/NE throughout Monday. N of Morgan's Point: Winds will increase throughout the early AM, reaching 10-15kts by 6 AM and remaining there the rest of the day (slight increase to 13-18kts from 10 AM to 1 PM). S of Morgan's Point: Winds at 18-23 kts through 6 AM MON before increasing to 22-27 kts. Winds continue to increase in the early PM to 25 -30 kts. Wind gusts of 30-35 kts will be possible near the Boarding Station all day and up to 33 - 38 kts between 7 AM and 3 PM. Other stations S of Morgan's Point will be 30-35 kts from 7 AM to 3 PM as well.

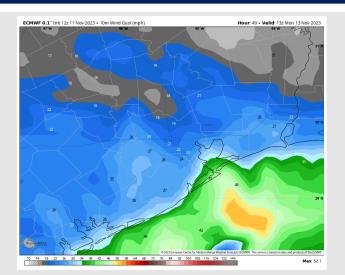
High Temps: N of Morgan's Point: Mid 60s F. S of Morgan's Point: Upper 60s F.

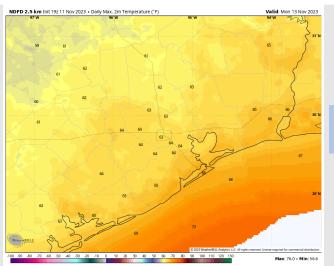
Visibility: No fog concerns favored, however heavy rainfall may slightly reduce visibilities for all Stations.

Precip Image: 10 AM CT



Wind Gusts: 7 AM CT





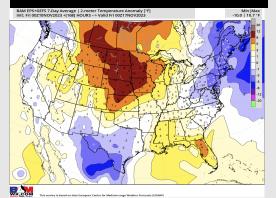
High Temps Monday

Houston Pilots: 11/11/23





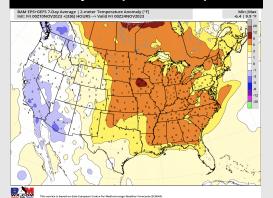
Next 7 Day Temperature Departure



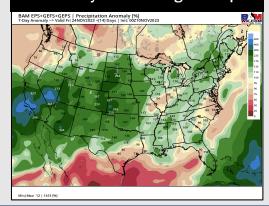
Next 7 Day Total Precipitation



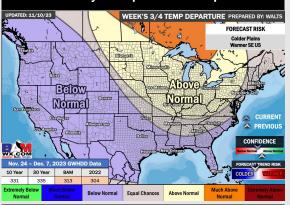
8-14 Day Temperature Departure



8-14 Day % of Average Precip.



15-30 Day Temperature Departure



15-30 Day % of Average Precip.



- Moderate to heavy rain chances expected to be a continued risk through MON as a cold front stalls overhead. Conditions will dry out by Tuesday AM. Seasonal temperatures returning this weekend as well, putting week 1 temps near normal.
- Slightly below normal rainfall and above normal temperatures are expected into the week 2 timeframe.
- > Below normal temperatures and near normal chances for precipitation are favored in the weeks 3/4 timeframe.