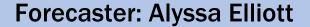
Houston Pilots Forecast Package

Updated: 4:00 AM CT

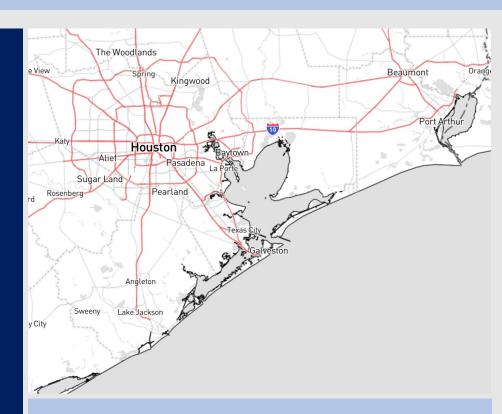
Wednesday, November 15, 2023





Weather Headlines

- Dry conditions are anticipated for the HOU area for the next 72 hours.
- As winds gradually decrease S of Morgan's Point throughout the day, calmer winds are expected to follow over the next few days.
- Keeping an eye on eye on low-end fog potential for Friday. Otherwise no visibility concerns.



Radar/NWS Alerts: 4:00 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 Extended Range Visibility Report





Unlikely

Saturday 11/18/23

Low confidence in patchy fog N of Morgan's Point.

Sunday 11/19/23

No visibility concerns Sunday.

Forecast Confidence

Below Above Normal Normal

Forecast Confidence

Above Below Normal Normal

Monday 11/20/23

No visibility concerns Monday.

Chance for Fog

Saturday PM

Saturday AM Low-End

Sunday AM Unlikely

Sunday PM Unlikely

> **Monday AM** Unlikely **Monday PM** Unlikely

Forecast Confidence

Below Above Normal **Normal**

Houston Pilots Visibility Chart (miles)





Forecast Confidence

Above Normal

Below Normal

Time		Wed 3am				Wed 7am	Wed 8am		Wed 10am				Wed 2pm					Wed 7pm	Wed 8pm			Wed 11pm											Thu 10am		Thu 12pm	
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	6	6	1	2	3	6	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	7	6	2	2	5	7	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	8	6	5	5	6	8	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	8	9	8	8	9	8	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	8	9	8	8	9	8	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	9	9	8	8	9	8	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	9	9	8	8	9	8	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	9	8	9	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	9	9	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	9	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	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9

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

N

Time	Wed	Wed	Wed	Wed	Wed	Wed	Wed	Wed	Wed	Wed	Wed	Wed	Wed	Wed	Wed	Wed	Wed	Wed	Wed	Wed	Wed	Wed	Thu	Thu	Thu	Thu	Thu	Thu	Thu	Thu	Thu	Thu	Thu	Thu	Thu	Thu
Knots		3am			6am																	11pm				3am			6am		8am		10am			1pm
		_	_	_	- 1	_		_		_					-		-	-				-	-	_							-	-		-		
610 Bridge	3 9	3 9	9	9	3	3	14	12	10	0	9	10	10	11	12	12	11	11	10	0	9	7	5 8	7	4	4	4	4	4	4	5	8	5	5	4	4
		_	9		9	8	14	12	10	9 NNF	-	10	10	11	12	12	11	11	10	9			NNIE	NNIE.	NAIE	NINIE	NINIE	NINIE	NINIE	, ,	, ·	8	NNE	΄.	<u>'</u>	.
	NNW	NNW	N	ENE	N	N	NNE	NNE	NNE	NNE	NNE	NNE	E	N	N	N	N	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	N	N	N	NNE	N	N	N
Kinder 1	3	3	4	3	3	3	5	6	5	0	6	40	40	40	10	40	40	40	6	0	0	7	5	5	4	4	4	4	4	4	5	5	5	5	4	4
Kinder 1	9	9	9	9	9	9	14	12	10	9	9	10	10	11	12	71	11	11	10	9	8		8	,,,,,	,,	·.	,,	,,,,	,,	·.	·.	8	8	· .	·.	·
	NNW	N	N	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NE	N	N	N	N	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	N	NNE	NNE	NNE	N	N	N	NNE	N	N	N
Greens	4 9	3 10	9	10	4	3 9	5 15	6	6 10	0	6 10	6	10	11	10	11	11	11	6 10	6 9	8	7	5	4	4	4	4	4	4	4	5	5	5	5	4	4
Bayou	NINIM/		9		NNE		NNE	12		NNIE	NNE	10	10	11	12	11	11	NI NI		_	_	•	NINIE	NINIE	NAIF	, ,	NINIE	NINIE	NINIE	, ,	, , , , , , , , , , , , , , , , , , ,	8	NNE	΄.	<u>,</u>	, i
-	NNW	NNW	N	N	NNE	NNE		NNE	NNE	NNE	NNE	N	NNE	N 7	N	N	N	N 7	NNE	NNE	NNE	NNE	NNE	NNE	NNE	N	NNE	NNE	NNE	N	N	N	NNE	N	N	N
Shell Crude	4 9	3	9	10	10	9	5 14	12	6 10	9	6 10	6	7	11	12	11	11	10	6 10	6 9	6 9	5 7	7	5	4	4	4	4	5	5	5	6 9	5	5	5	5
Shell Crude		10 NNW	9							NNIE	NNE	10	10	11	NAIT	11	11	10		NNE	NAIF	NAIF	NINIE	NAIF	NINIT	NAIF	NINIE	NINIE	NINIE	, N		9	8	΄.	<u>,</u>	, i
	NNW		N A	N 4	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	ESE	N 7	NNE 7	N	N 7	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	MNE	NNE	N 5	N 5	N 6	N 5	N 5	N 5	N 5
Lynchburg	4 9	3	9	10	10	3 9	5 15	6	6 10	6 9	6	6	10	11	12	8	11	10	10	6 9	6 9	5 8	8	5	5	5	5	5	5	5	5	6	0	5	3	5
Ferries	NNW	10 NNW	9 N	N		_	NNE	12	NNE	NNE	10 N	10	10 SSW	NI NI	12 NE	N.	N	10 NNE	NNE	NNE		_	NNE	NINIT	NINIE	NNE	NNE	, N	, N	N	N N	8 N	N N	,	, N	,
		_	N 4	N A	NNE	NNE		NNE	_	NNE		NNE	33W	7	NE 7	N	N	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	N	N	N	N	6 6	N	N	N	N
Exxon 3	4 10	4 10	10	11	10	9	6 15	12	6 10	6 9	6 9	6 10	10	11	12	11	11	11	10	9	6 9	6 8	8	8	3	7	3	0	0	0	8	0	0	0	3	3
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Morgans Point					NNE 6	NE E	NNE 7	NNE 7	6	NNE 6		NNE 7	NNW	7	2 ESE	N	9	9		NNE 8	NNE 7	NNE	NNE	NNE	NNE	NNE	7	7	7	7	7	N 7	N	N	N E	N E
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75/76	11	12	13	14	14	13	15	12	10	۵	9	10	12	12	13	13	13	13	12	11	11	11	10	10	10	10	10	11	10	10	10	10	ä	á	ŏ	ä
75/70	NNW	N	SE	N	NNE	NNE	NNE	NNE	NNE	NNE	SE	S	N N	N	SE	N	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	N	N	N	N	N	N
	9	10	11	11	12	11	11	11	9	9	8	9	10	11	11	11	12	12	11	11	11	11	10	10	10	10	11	11	10	10	10	9	8	7	6	6
63/64	11	13	13	14	14	13	14	12	10	10	10	11	13	13	13	13	13	13	12	12	12	12	11	11	11	11	12	12	11	11	11	10	10	9	ä	ä
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	9	10	11	11	12	11	11	10	9	9	9	10	11	11	11	11	11	11	11	10	10	11	10	10	10	10	11	10	10	10	10	9	9	7	6	6
51/52	10	12	13	13	14	12	14	12	11	10	10	11	13	13	14	13	13	13	12	12	12	12	11	11	11	11	12	11	11	11	11	10	10	10	9	10
0.,02	NNW	N	N	N	NNE	NNE	NNE	NNE	NNE	NNE	NNW	N	N	N	SE	NNE	NNE	NNE	NNE	NNE	NNE	NE	NE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	N	N	N	NNE	SSE
	9	11	11	11	11	10	11	10	9	9	9	11	11	11	12	11	11	11	10	10	10	10	10	10	10	10	10	10	10	10	10	10	9	8	8	7
37/38	10	12	13	13	14	13	14	12	10	10	10	12	13	14	14	12	12	12	12	12	11	12	11	11	11	11	11	11	11	11	11	11	10	10	10	10
0.700	NNW	N	N	N	NNE	NNE	NNE	NNE	NNE	NNE	NNW	N	N	N	S	N	NNE	NNE	NNE	NNE	NNE	NE	NE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	N	N	N	ESE	w
	8	10	10	10	10	9	10	9	8	9	9	10	11	11	11	10	10	10	9	9	9	9	9	9	9	9	9	9	9	9	10	9	9	8	8	7
25/26	11	12	13	12	14	13	14	11	10	10	10	12	13	14	14	12	12	12	11	12	11	11	11	11	10	10	11	10	11	11	11	11	10	10	10	10
,	N	N	N	N	NNE	NNE	NNE	NNE	NNE	NNE	NW	N	N	N	sw	N	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	N	N	N	SE	WNW
	8	9	9	9	10	9	9	9	8	8	8	10	11	11	11	10	10	10	10	10	10	10	10	10	9	9	10	9	9	9	10	9	9	8	8	7
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	N	N	NE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	N	NNW	NNW	N	NNW	N	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	N	N	N		NNW
	10	12	11	12	12	12	11	11	11	9	9	10	12	12	12	12	12	13	12	13	13	13	13	13	12	13	13	13	12	12	12	11	9	9	8	7
1 & 2 Bravo	12	13	12	13	14	14	13	12	12	10	10	11	13	13	13	13	13	14	13	14	14	15	14	14	14	14	14	14	13	13	12	12	11	10	10	9
	SW	SSE	N	NNE		NNE	NNE	NNE	NNE		NW	NNW	NNW	NNW	N	N	N	NNE	NNE	NNE	NNE		NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	N	N	N	N	NNW

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This data should be used as a guide only

Houston Pilots: Wed. 11/15/2023





Forecast Discussion

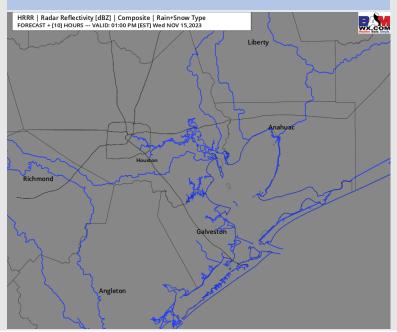
Precip: Favoring dry conditions throughout the day.

Wind: Winds will be out of the N/NW throughout the day today. N of Morgan's Point: Winds will be at 3 - 7 kts through 9 AM, then 4 - 8 kts from 10 - 5 PM. Winds return to 3 -7 kts after 4 PM. S of Morgan's Point: Winds will be at 12 -17 kts with the boarding station seeing winds of 13 - 18 kts. Wind Gusts of 15 - 20 kts will be possible for all stations after throughout the day with locally stronger gusts of 22 kts near the Boarding Station.

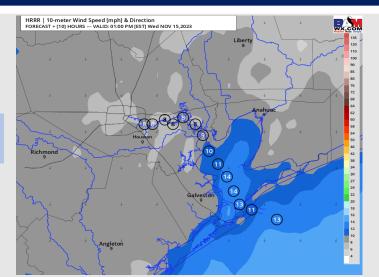
High Temps: N of Morgan's Point: Low to mid 70s F. S of Morgan's Point: Low 70s F

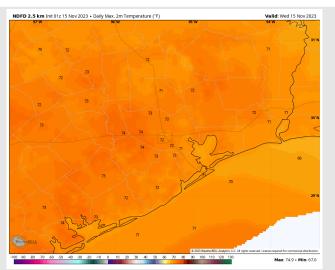
Visibility: Not anticipating any visibility concerns today. Patchy fog expected to remain W. of stations.

Precip Image: 12 PM CT



Wind Speed: 12 PM CT





High Temps Today

Houston Pilots: Thu. 11/16/2023





Forecast Discussion

Precip: Dry conditions persist into Thursday.

Wind: Winds will be out of the N/NNE through 4 PM. After 4 PM. winds will become variable throughout the remainder of the night. During the shift from NNE to SE winds (4 - 9 PM) winds will be near calm at all stations. N of Morgan's Point: Outside of the wind shift, winds will be at 3-7 kts. S of Morgan's Point: Winds will be at 8-13 kts through 12 PM before decreasing to 4-9 kts during the PM hours.

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

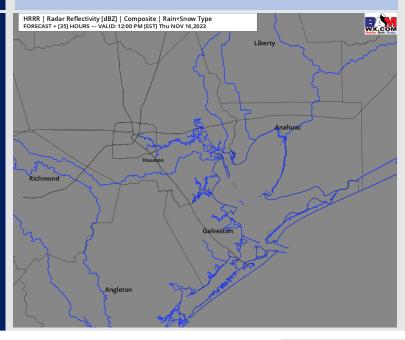
Visibility: No fog concerns favored for THU.

Wind Speed:

8 AM CT

HRRR | 10-meter Wind Speed [mph] & Direction FORECAST + [32] HOURS --- VALID: 09:00 AM [EST] Thu NOV 16.2023

Precip Image: 11 AM CT





IDFD 2.5 km Init 01z 15 Nov 2023 • Daily Max. 2m Temperature ("F

High Temps Thursday

Houston Pilots: Fri. 11/17/2023





Forecast Discussion

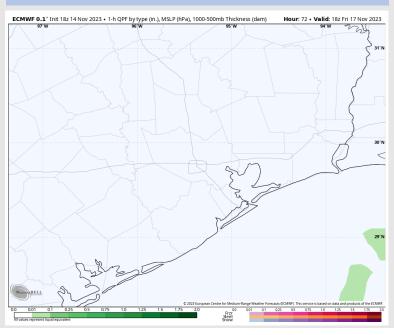
Precip: Favoring dry conditions Friday.

Wind: Winds direction will be variable throughout the day Friday. N of Morgan's Point: Winds will be at 2 - 7 kts throughout the day Friday. S of Morgan's Point: Winds will be at 3 - 8 kts all day Friday.

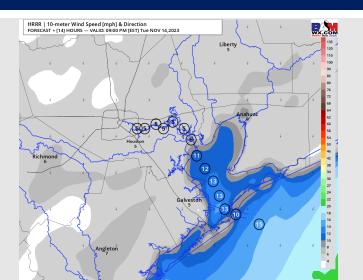
High Temps: N of Morgan's Point: Mid 70's F. S of Morgan's Point: Lower 70s F.

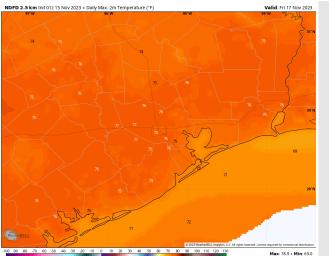
Visibility: Low-end risk for fog for stations N of Morgan's point.

Precip Image: 12 PM CT



Wind Speed: 8 PM CT



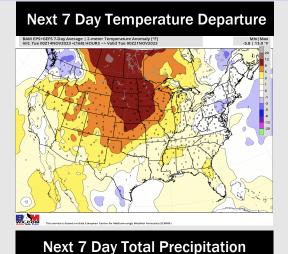


High Temps Friday

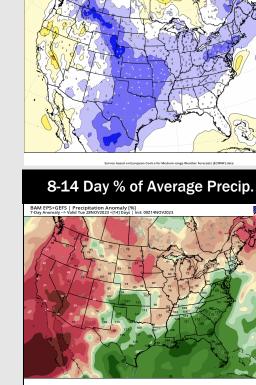
Houston Pilots: 11/15/23

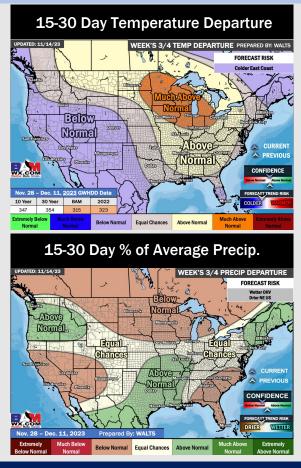






NWS WPC Total Precipitation [inches]
Accum thru Wed 06Z22NOV2023 +1168]Hours | Init: 06Z15NOV2023





➤ A drier 72-hour period favored. Worth watching Friday for low end rain chances via a cold front, but favoring precipitation to stay to the NE. Next system enters on Sunday. Seasonal temperatures will be in store this week.

8-14 Day Temperature Departure

- Above normal rainfall and below normal temperatures are expected into the week 2 timeframe.
- > Seasonal temperatures and above normal chances for precipitation are favored in the weeks 3/4 timeframe.