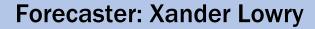
Houston Pilots Forecast Package

Updated: 3:40 PM CT

Sunday, January 7, 2024

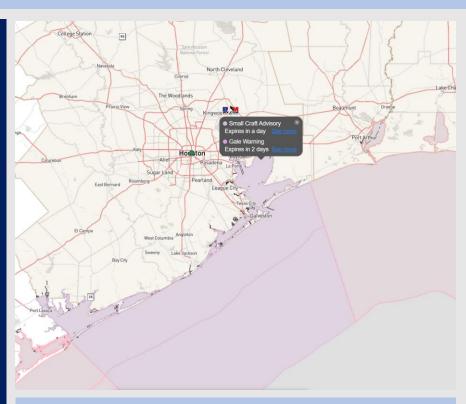




Weather Headlines

- Favoring a dry rest of the day. Watching Monday AM ~7

 AM at the earliest for rain chances to enter.
- Winds will remain generally calm throughout this morning, however watching for strong gust potential starting this afternoon with incoming rain showers and continue to start the week.
- Anticipating reduced visibilities to be possible with rain chances/storms on MON with a low-end fog threat prior.
- A low end-severe threat will be possible with storms on Monday as well.
- Monday night and into Tuesday morning there is a risk of elevated wave heights of 6' - 8'. Check the wave height slide for more info.



Radar/NWS Alerts: 3:40 PM CT



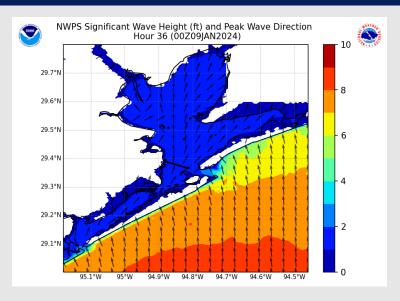
As always, please do not hesitate to reach out to us with any forecast questions via the chat option on the Weather Porthole or our on-call number, (317)-560-8122 press 1 for forecast questions.

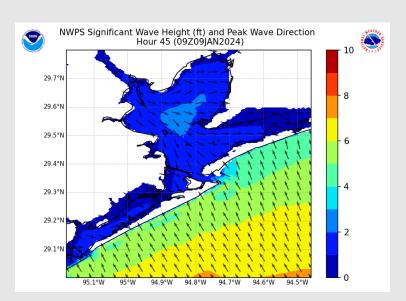
Houston Pilots Wave Height Update





Significant Wave Height Image





6 PM CT MON

Wave heights of 6' - 8' will only be a concern for the Boarding Station between 6PM MON – 3AM CT TUE.

There is a low-end chance of waves of 8' – 10' near the boarding station between 6PM MON to 12AM TUE.

3 AM CT TUE

Houston Pilots Extended Range Visibility Report





Unlikely

Unlikely

Unlikely

Wednesday 1/10/24

No visibility concerns for Wednesday.

Thursday 1/11/24

No visibility concerns for Thursday.

Forecast Confidence

Below Above Normal Normal

Forecast Confidence

Above Below Normal Normal

Friday 1/12/24

No visibility concerns for Friday.

Chance for Fog

Wednesday AM

Wednesday PM

Thursday AM Unlikely

Thursday PM

Unlikely

Friday AM

Friday PM Unlikely

Forecast Confidence

Below Above Normal Normal

Houston Pilots Visibility Chart (miles)





Forecast Confidence

Above Normal Below Normal

Time	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	Mon 12am	Mon 1am	Mon 2am				Mon 6am								Mon 2pm	Mon 3pm	Mon 4pm	Mon 5pm	Mon 6pm	Mon 7pm	Mon 8pm	Mon 9pm
610 Bridge	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	8	6	6	2	2	2	2	2	2	2	3	4	5	9	9	10	10
Kinder 1	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	8	7	6	4	3	2	2	3	4	3	4	5	5	9	9	10	10
Greens Bayou	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	9	8	7	6	6	2	2	3	5	4	6	6	7	9	9	10	10
Shell Crude	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	8	8	8	8	9	2	2	3	7	4	7	8	8	9	9	10	10
Lynchburg Ferries	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	8	8	8	8	9	2	2	3	7	4	7	8	8	7	9	10	10
Exxon 3	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	8	8	8	8	9	2	2	3	7	4	7	8	8	7	8	10	10
Morgans Point	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	8	8	8	8	9	4	2	3	7	4	7	8	8	7	7	10	10
75/76	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	9	8	8	8	9	4	2	3	7	4	7	8	8	7	7	10	10
63/64	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	9	8	8	8	9	5	2	2	7	4	7	8	8	7	7	10	10
51/52	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	8	8	8	8	4	2	2	7	4	7	8	8	7	7	10	10
37/38	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	8	8	8	7	2	2	2	5	4	6	7	7	7	6	10	10
25/26	10	10	10	10	10	10	10	10	10	10	10	10	10	8	10	10	10	10	10	10	10	8	8	7	2	2	2	4	4	5	6	7	7	6	9	10
11/12	10	10	10	10	10	10	10	10	10	10	10	10	10	8	10	10	10	10	10	10	10	8	8	7	2	2	2	2	3	5	4	7	7	6	6	10
1 & 2 Bravo	10	10	10	10	10	10	10	10	10	10	10	10	8	7	6	8	10	10	10	10	10	8	8	7	4	3	2	2	2	3	4	7	7	5	5	10

NOTE: This is the Visibility Log from the AM update. Currently dealing with data issues on initializing hourly visibility data. Check SAT PM slide for more details.

Houston Pilots Wind Chart







Sustained wind 13 Knots

Gusts 18 Knots

WS: 13

G:18

N

								T																												
Time	Sun	Sun	Sun	Sun	Sun	Sun	_	Sun	Sun	Sun	Sun	Sun	Sun	Sun		Mon		Mon	Mon		Mon	Mon	Mon	Mon	Mon	Mon	Mon	Mon	Mon	Mon	Mon	Mon	Mon	Mon	Mon	Mon
Knots	10am	11am	12pm	1pm	2pm	3pm	4pm	5pm	брт	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
	1	4	5	5	6	7	7	7		7	7	. 7	7	7	6	12	14	14	15	17	17	19	18	18	20	20	22	22	21	22	21	18	16	17	14	13
610 Bridge	6	7	8	8	9	10	12	15		15				14	14	19	21	22		26	26	28	27	27	30	31	34	34	32	33	31	27	24	25	22	20
	1	ESE 4	ESE	ESE 5	SE 6	SE 7	ESE 7	ESE 7		ESE 7	E ES	E ES 7	E ESE	E ESE	ESE 6	ESE 12	ESE 14	SE 14		SE 17	SE 17	SE 18	SE 18	SSE 18	SSE 20	SSE 20	22	22	21	22	20	5W	W 16	NW 16	NW 14	WNW 12
Kinder 1	6	7	8	8	9	10	12	15		15	14	13	14	14	14	19	21	21	23	26	26	28	27	27	30	31	34	34	32	33	31	27	24	25	22	19
	E	ESE	ESE	ESE	SE	SE	ESE	ESE		ESE				ESE		ESE			SE	SE	SE	SE	SE	SSE	SSE	SSE	S	S	S	ssw	sw	sw	wsw	NW	NW	wnw
Greens	2	4	4	5	5	7	7	6		7	7	6	7	6	6	12	14	14	15	17	17	18	18	18	20	20	22	22	21	21	20	18	15	16	14	12
Bayou	5	7	7	8	8	10	11	14		15	14	13			15	18	20	21	23	26	25	27	27	27	30	31	33	33	32	32	30	27	23	24	21	18
	E	E 4	ESE	ESE	SE	SE 6	SE 7	ESE 6		ESE	E ES	E ES	E ESE	E ESE	ESE 6	ESE 12	ESE 14	SE 14	SE 15	SE 17	SE 17	SE 18	SE 17	SE 18	SSE 20	SSE 20	21	21	21	SSW 21	SW 20	SW 18	WSW 15	NW 16	NW 14	WNW 12
Shell Crude	5	7	7	8	8	10	12	15		14	14	14	1 15	15	15	18	20	21	23	25	25	26	26	27	30	30	32	33	32	32	30	27	23	24	22	18
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Lynchburg	3	3	4	4	5	6	6	6		6	7	7	7	6	6	12		14		17	17	18	17	18	19	20	21	21	21	21	20	18	15	15	14	11
Ferries	5	7	7	7	8	9	11	14		13	13			15	15	18	20	21	23	26	25	26	25	27	29	30	32	32	32	32	31	27	22	23	21	17
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Exxon 3	5	6	6	7	8	٥	11	15		13	14	14	1 15	15	16	18	20	20		25	24	25	25	27	29	30	31	32	32	32	31	26	22	23	22	17
EXXOITS	F	F	F	ESE	ESE	SE	SE	ESE		ESE									SE	SE	SE	SE	SE	SE	SSE	SSE	5	5	5	SSW	SSW	SW	wsw	WNW	NW	www
Morgans	4	4	4	-5	5	5	7	8		9	9	9			10	14	15	16	16	17	17	18	18	18	18	20	21	21	21	21	21	18	16	16	16	13
Point	6	7	7	7	9	10	12	15	Data	15	16	5 15	16	17	17	18	20	21	22	24	24	24	24	26	28	30	32	32	32	32	31	27	22	23	22	17
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75/76	-	7		•	3	12	14	17	m	17				13 19	12 18	19	18 20	21	21	23	19 23	23	23	19 26	18 27	20 29	21 31	33	22 33	21 32	31	19 27	23	22	17 22	18
13/10	ENE	ENE	ENE	ENE	ESE	SE	ESE	ESE	I ' ='	ESE				ESE				SE	SSE	SSE	31	33	33	SSIM	SSIM	SSW	wsw	w	NIM	NIM						
	5	5	4	3	4	8	9	10	rro	12						17	19	19	19	21	20	20	20	20	18	19	20	21	22	21	20	19	17	18	18	15
63/64	6	7	8	8	10	13	14	17	~	18	19	18	19	18	19	19	21	21	21	23	22	23	23	26	26	28	30	32	33	32	29	28	23	21	22	18
	EŅE	NE	EŅE	EŅE	ESE	ESE	ESE 9	E		ESE								SE	SSE	SSE	5	5	5	ssw	ssw	ssw	sw	wsw	NW	NW						
51/52	5	5	4	4	8	_		11		13						17	18	18	19	20	20	20	19	19	19	19	20	21	22	21	19	19	17	17	18	15
31/32	ENE	NE	ENE		12 ESE	13 ESE	15	17		19 ESE					19 ESE	19 ESE	20 SF	21 SE		22 SE	22 SE	23 SE	23 SE	26 SE	27 SSE	28 SSE	29	32	32	31 CC1A/	29 CCW	28 SW	23 SW	22 WSW	22	18 NIM
	6	6	5	6	9	9	ESE 10	11		12						17	18	18	18	19	19	19	19	19	19	20	20	21	21	21	20	19	17	16	18	15
37/38	8	8	8	9	12	13	15	17		20	21	1 21	1 20	20	19	19	20	21	21	23	23	24	24	27	29	29	29	32	33	31	29	28	24	23	23	19
	ENE	NE	E	Ę	ESE	ESE	E	E		ESE				ESE				SE	SSE	SSE	5	S	S	5	SSW	SW	sw	wsw	NW	NW						
25 (26	6	7	6	8	9	9	10	11		12						15		17	17	18	18	18	19	19	20	20	19	21	22	21	20	19	17	15	17	14
25/26	ENE	8	8	11	12	13	15	17		ESE					21 SE	19 SE	20 SE	21 SE		23 SE	23 SE	25 SE	26 SE	27 SE	29 SSE	29 SSE	29	32	33	32	31 SSW	29 SSW	26 SW	23 WSW	24	21 NW
	7	NE 7	7	10	10	10	11	12		14	ES 14			14	14	16	17	17	17	3E 18	18	18	19	19	20	19	19	20	21	21	20	55W	5W 17	WSW 16	17	NW 15
11/12	8	9	9	11	12	13	15	17		20				24	23	19	21	21	22	23	23	25	26	27	29	29	28	31	32	32	30	29	26	23	23	21
	ENE	NE	E	E	E	E	E	E		ESE	ES		E ESE	SE SE	SE	SE	SE	SE 21	SE	SE	SE 22	SE	SE	SE	SSE	SSE	S	S	S	S	ssw	ssw	sw		WNW	NW
	9	9	10	11	12	12	13	15		17			18	17	16	20				21	22	22	22	21	21	21	22	21	21	22	22	21	19	20	19	18
1 & 2 Bravo	9	10	11	12	13	13	15	17		21			3 24	24	25	21	23	23		25	25	26	27	28	28	29	29	31	32	32	30	30	26	24	24	23
	FNF	FNF	FNF	F	F	F	F			FSI	FS	F FC	F FSI	S S F	SE	SE	SF	SF	SF.	SE.	SE	SE	SE	SF	CCE	CCF	-	•	-	•	CCM	CCM	SW	SW/	w	NW

NOTE: This is the wind Log from the AM update. Currently dealing with data issues on initializing hourly wind data.

Check SAT PM slide for more details.

Houston Pilots: Sun. 01/07/2024





Forecast Discussion

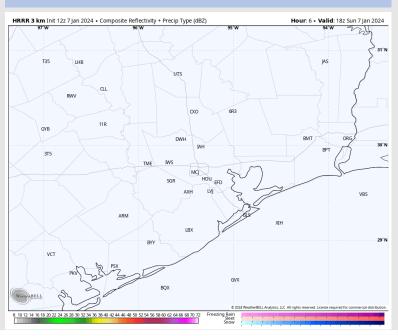
Precip: Favoring dry conditions to continue through today.

Wind: Winds will veer clockwise to being out of the SE by 7 PM. N Morgan's Point: 3- 7kts through 4PM before increasing to 5 - 10 kts. S of Morgan's Point: 5 - 10 kt through 4 PM before increasing to 9 - 14 knots, then to 12 - 17 kts by 7 PM. The Boarding station will remain at 7 - 12 kts, increasing to 12 - 17 kts by 4 PM, then 17 - 22 kts by 7 PM. Gusts of up to 25 kts cannot be ruled out after 6 PM for stations S of Morgan's Point and up to 30 kts at the Boarding Station after 8 PM.

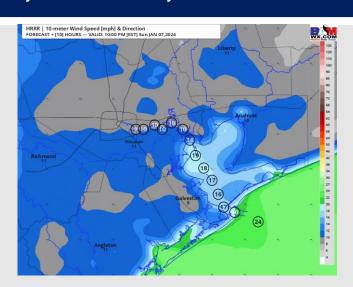
Low Temps: N of Morgan's Point: mid/low 50s F. S of Morgan's Point: upper 50s F.

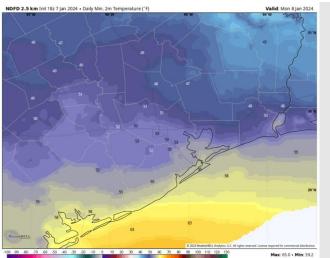
Visibility: No visibility concerns for today.

Precip Image: 12 PM CT



Wind Speed: 9 PM CT





Low Temps Monday

Houston Pilots: Mon. 01/08/2024





Forecast Discussion

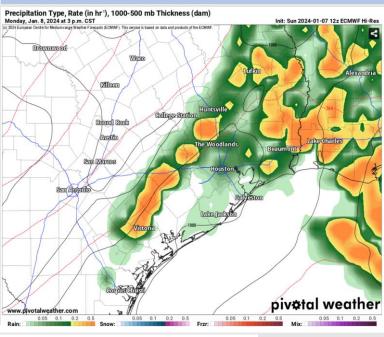
Precip: Anticipating showers/storms to push in from the West around 7-9 AM MON. While there is lower confidence at this time, storms will have potential to be severe in nature. Main threats will be gusty winds of up to 40 kts with locally higher gusts. Small hail and an isolated tornado cannot be ruled out mainly from 10 AM - 8 PM (timeframes will need narrowed down). Anticipating Storms to be out of the area by 9 PM CT with lingering light showers the rest of the evening

Wind: Winds are expected to be out of the SE through 4 PM before being out of the SW. Winds will then be out of the NW after storms pass after 9 PM. N of Morgan's Point: 7 - 12 kts through 9 AM before increasing to 10-15 kts. Winds will decrease to 2 -7 kts once the front passes at 10PM. S of Morgan's Point: 16 - 21 kts in the AM, increasing to 18 - 23 kts in the afternoon. The Boarding Station follows a similar progression with speeds higher by a factor of about 2 kts. (18 - 23 kts prior to noon, 20 - 25 kts thereafter). Under any strong storm cells in the AM, gusts locally of up to 40 kts cannot be ruled out. Most locations will pose the risk for at least 28 - 33 kt gusts under cells, with sustained gusts all day of 25-30 kts towards the Boarding Station. With the passage of the front wind gusts of 45 - 55 MPH over the bay/near the bordering station will be possible.

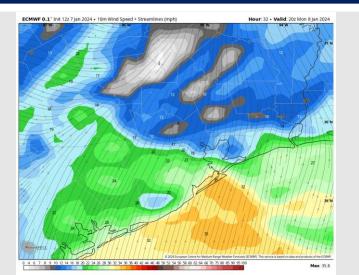
High Temps: Significantly warmer ahead of a cold front. N of Morgan's Point: Low 70s F S of Morgan's Point: Upper 60s F

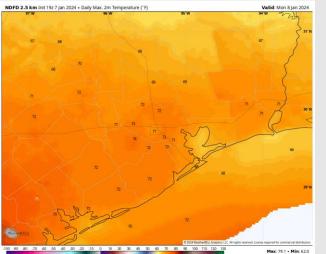
Visibility: A low end fog risk MON AM ahead of rain chances, however reduced visibilities of 2-4 miles will be possible under any storm throughout the day on Monday

Precip Image: 8 PM CT



Wind Speed: 2 PM CT





High Temps Monday

Houston Pilots: Tue. 01/09/2024





Forecast Discussion

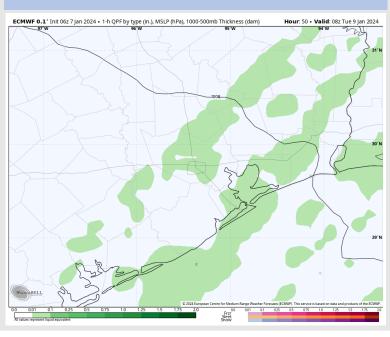
Precip: Favoring dry conditions for TUE outside of light scattered rain lingering through ~5 AM from Monday's activity.

Wind: NW winds the entire day TUE. N Morgan's Point: Winds at 10-15 kts through 12 PM, then increase to 13-18 kts. After 6 PM, winds die down to 3-8 kts. S of Morgan's Point: 23-28 kts through 5 PM before gradually decreasing to 12-17 kts by 8 PM and 8-13 kts by 11 PM. Wind gusts of 30-35kts will be possible at all stations from 9 AM to 5 PM TUE.

High Temps: Significantly cooler N of Morgan's Point: Mid 50s F. S of Morgan's Point: Mid 50s F.

Visibility: Not anticipating any visibility concerns Tuesday.

Precip Image: 2 AM CT





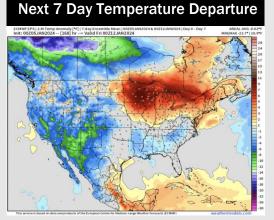
High Temps Tuesday

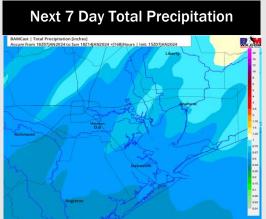
Wind Speed: 10 AM CT

Houston Pilots: 1/7/2024

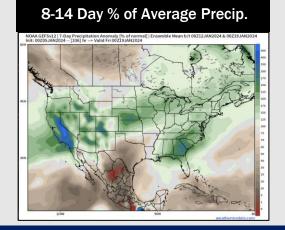




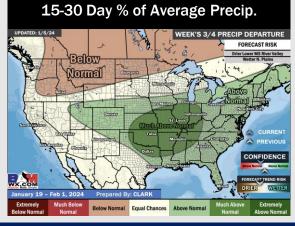




8-14 Day Temperature Departure **COMPTP13 39 Temp Annualy TP11 2 day Ensurable May a 100213.MSC034 6 GSZ13.MSC034 10 yr 7 - 0 by 34 **MSC4.MSC 3-3 2 PF *







- Aside from Monday/Tuesday the next opportunities for rain will be Thursday/Friday. Seasonable to slightly below normal temperatures for next week.
- > Need to monitor for wetter trends towards the end of next week.
- Below normal temperatures and seasonal chances for precipitation are favored in the weeks ³/₄ timeframe.