Houston Pilots Forecast Package

Updated: 5:00 AM CT

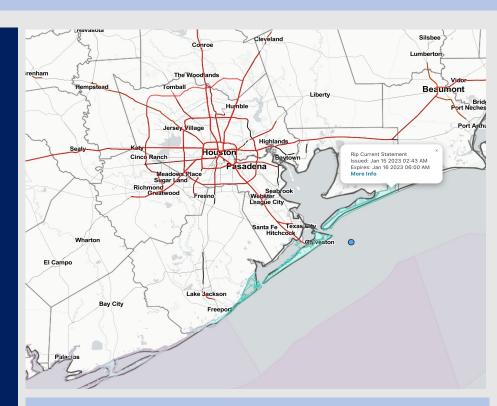
Sunday, January 15, 2023

Forecaster: Alyssa McClung



Weather Headlines

- Low end risk for patchy fog this afternoon into Monday (check visibility slide).
- Anticipating dry conditions over the next few days with the next shower/storm chance coming Monday afternoon.
- Looking at a windy next few days with the risk of the Boarding Station seeing gusts 20+ knots Today and Monday. Tuesday looks to hold calmer winds in the 5
 15 kt range.
- Worth watching tonight into Monday for increased risks of wave heights reaching at/over 5 feet.



Radar/NWS Alerts: 5:00 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 Visibility Report

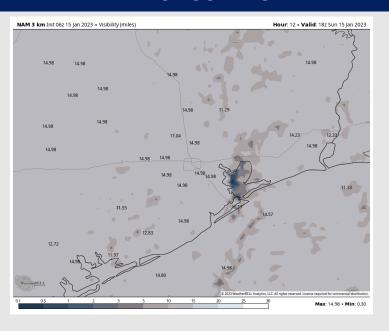


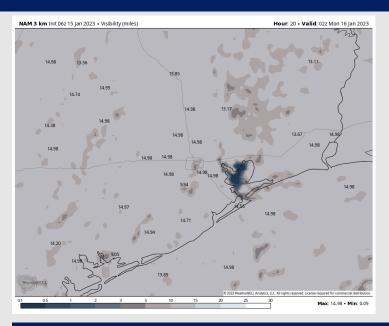


12 PM CT SUN VISIBILITY

8 PM CT SUN VISIBILITY

Confidence







- TIMEFRAME THREAT

 12 PM SUN 12 AM MON LOW
- Not a ton of agreement between models, however there are some models picking up on the risk for patchy fog with visibilities of less than 1 mile this afternoon.
- ▶ If fog is able to develop, favoring it to be located within the Galv. Bay near Morgan's Point through Station 51/52 beginning around the noon timeframe.
- Confidence is on the lower end for whether this fog develops, however the pockets of light drizzle possible throughout the day may bring enough moisture towards the surface to assist in fog development.
- Favoring this risk to last until Midnight into Monday.

Houston Pilots Extended Range Visibility Report





Likely

Possible

Unlikely

Unlikely

Unlikely

Unlikely

Wednesday 1/17/23

Winds out of the SE in the morning will shift out of the NW by the evening. Morning hours look very likely for fog ahead of the cold front.



Fog is not expected for Thursday as winds will be out of the NW from the frontal passage with dry air.



Above Below Normal Normal

Friday 1/20/23

Fog is not expected for Friday either, however winds will shift from the NE in the AM to SE in the PM with increasing moisture in the afternoon.

Chance for Reduced Visibility

Wednesday AM
Wednesday PM
Thursday AM
Thursday PM
Friday AM

Friday PM

Confi	dence
Above	Below
Normal	Normal

Houston Pilots Visibility Report





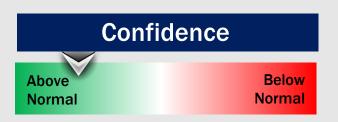
Above Normal Below Normal

Time		Sun 4am			Sun 7am	Sun 8am				Sun 12pm	Sun 1pm											Mon 12am			Mon 3am			Mon 6am						Mon 12pm		
610 Bridge	10	10	10	10	10	9	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	10	10	10	10	10
Kinder 1	10	10	10	10	10	9	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	7	8	10	10	10	10	10
Greens Bayou	10	10	10	10	10	9	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	10	10	10	10	10
Shell Crude	10	10	10	10	10	9	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	10	10	10	10	10
Lynchburg Ferries	10	10	10	10	10	9	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	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	8	9	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	8	9	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	8	9	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	9	10	10	10	10	10	10	10	10	10	10	8	8	8	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	8	8	8	10	10	10	9
37/38	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	10	10	10	8	8	8	10	9	10	8
25/26	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	10	10	10	8	8	8	8	8	10	8
11/12	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	10	10	10	8	8	8	8	8	8	8
1 & 2 Bravo	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	10	10	9	9	8	8	8	8	8	8	8

Houston Pilots Wind Report







Sustained wind 13 Knots

Gusts 18 Knots

Wind from the N

Example

WS: 13

G:18

N

Time	Sun	Sun	Sun	Sun	Sun	Sun	Sun	Sun	Sun	Sun	Sun	Sun	Sun	Sun	Sun	Sun	Sun	Sun	Sun	Sun	Sun	Mon	Mon	Mon	Mon	Mon	Mon									
Knots	3am	4am	5am	6am	7am	8am	9am	10am	11am	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
610 Bridge	5	6	6	4	4	4	7	9	11	11	11	11	12	12	11	11	10	10	10	10	9	9	8	8	8	8	7	7	8	8	9	9	10	11	11	10
	15	15	15	13	14	13	17	20	19	19	18	18	20	22	21	19	18	17	16	17	17	17	15	14	14	14	14	14	15	15	17	18	19	19	18	19
	SSE	SSE	SSE	SSE	SE	SSE	SSE	S	S	S	S	S	S	SSE	SSE	SSE	SSE	SSE	SSE	S	S	S	S	S	S	S	S	S	S	S	SSW	SSW	SSW	SSW	SSW	SSW
Kinder 1	6	6	6	4	4	4	7	9	11	11	11	11	12	12	11	11	10	10	10	10	9	9	8	8	8	7	7	7	8	8	9	9	11	11	11	11
	15	15	15	13	14	13	16	20	18	19	18	18	20	22	22	19	18	17	16	17	17	17	15	14	14	14	14	14	15	15	17	18	19	19	18	19
	SSE	SSE	SSE	SSE	SSE	SSE	SSE	S	S	S	S	S	S	SSE	SSE	SSE	SSE	SSE	SSE	S	S	S	S	S	S	S	S	S	S	S	SSW	SSW	SSW	SSW	SSW	SSW
Greens Bayou	6 15 SSE	6 15 SSE	6 15 SSE	4 14 SSE	4 14 SSE	4 13 SSE	6 15 SSE	8 19 S	10 17 S	10 18 S	10 17 S	11 18 S	11 21 S	12 22 SSE	11 23 SSE	11 19 SSE	10 18 SSE	10 16 SSE	10 16 SSE	10 17 S	9 16 S	9 16 S	8 15 S	8 13 S	8 14 S	7 13 S	7 13 S	7 14 S	8 15 S	8 15 S	9 16 SSW	10 17 SSW	10 19 SSW	11 18 SSW	11 18 SSW	11 18 SSW
Shell Crude	6	6	6	4	4	5	6	8	10	10	10	11	12	12	11	11	11	10	10	10	9	9	9	8	8	7	8	8	8	8	9	10	10	11	11	11
	16	15	15	14	14	13	14	19	17	18	18	18	21	21	23	18	18	16	16	17	16	16	15	14	14	13	13	14	15	15	16	16	18	18	18	18
	SSE	SSE	SSE	SSE	SSE	SSE	SSE	S	S	S	S	S	SSE	S	S	S	S	S	S	S	S	S	S	S	S	SSW	SSW	SSW	SSW	SSW						
Lynchburg Ferries	6 16 SSE	6 15 SSE	7 15 SSE	5 15 SSE	4 14 SSE	4 13 SSE	6 13 SSE	8 19 S	9 18 SSE	10 18 SSE	10 18 SSE	10 19 SSE	11 21 SSE	11 21 SSE	10 23 SSE	11 18 SSE	11 18 SSE	10 16 SSE	10 16 SSE	10 16 S	9 15 S	9 16 S	9 16 S	8 14 S	8 14 S	8 13 S	8 13 S	8 14 S	8 14 S	8 14 S	9 16 S	10 16 SSW	10 17 SSW	11 18 SSW	11 18 SSW	11 18 SSW
Exxon 3	6	7	8	6	5	5	6	8	9	10	10	9	11	9	9	11	11	10	10	10	10	9	9	8	8	8	8	8	8	8	9	9	10	10	10	11
	16	16	16	15	14	14	14	20	19	19	19	19	20	19	22	18	18	16	16	16	15	16	15	14	14	13	14	14	14	14	15	15	17	17	17	17
	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	S	S	S	S	S	S	S	S	S	S	S	S	S	SSW	SSW	SSW	SSW
Morgans Point	7 16 SSE	10 18 SSE	10 17 SSE	8 16 SSE	6 15 SSE	8 15 SSE	8 15 SSE	9 20 SSE	9 19 SSE	10 20 SSE	10 19 SSE	9 20 SSE	11 20 SSE	8 18 SSE	10 22 SSE	12 18 SSE	12 18 SSE	11 17 SSE	11 16 SSE	11 17 S	10 16 S	10 16 S	10 16 S	9 15 S	9 14 S	9 14 S	9 15 S	8 15 S	8 14 S	9 15 S	9 15 S	10 15 S	10 16 SSW	10 16 SSW	10 16 SSW	10 17 SSW
75/76	9	11	12	10	9	10	9	10	9	10	9	9	11	9	11	12	13	12	12	12	12	11	11	11	10	10	10	10	10	10	10	10	11	11	11	10
	17	18	19	17	16	15	15	19	19	20	19	19	18	18	20	18	18	18	17	18	17	17	16	16	16	16	15	15	15	15	15	16	16	16	16	16
	SSE	SSE	SSE	SSE	SSE	SE	SE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	S	S	S	S	S	S	S	S	S	S	S	S	S	SSW	SSW	SSW	SSW
63/64	10	11	13	10	9	10	9	9	10	9	10	9	10	11	11	13	13	13	13	13	12	12	12	12	11	11	11	10	11	10	11	11	11	11	11	11
	18	19	19	18	16	16	15	17	19	20	20	17	16	19	16	18	18	18	18	18	18	18	17	17	17	16	16	16	15	15	15	16	16	16	16	16
	SSE	SSE	SSE	SSE	SE	SE	SE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	S	S	S	S	S	S	S	S	S	S	S	S	S	S	SSW	SSW	SSW	SSW
51/52	10	12	12	10	9	10	9	9	8	9	11	9	9	11	10	13	14	13	13	13	13	13	12	12	12	12	11	11	11	11	11	11	11	12	11	11
	17	19	18	17	16	16	15	17	17	19	20	17	15	18	14	18	19	18	18	18	18	18	18	18	18	17	17	16	16	16	16	16	16	16	16	16
	SSE	SSE	SSE	SSE	SSE	SE	SE	SSE	SSE	SSE	SSE	SSE	SE	SSE	SSE	SSE	SSE	SSE	S	S	S	S	S	S	S	S	S	S	S	S	S	S	SSW	SSW	SSW	SSW
37/38	10	11	11	9	8	9	9	9	8	9	10	9	9	10	9	13	14	14	14	14	14	14	13	13	13	12	12	12	11	11	11	12	12	12	11	11
	16	17	17	16	15	16	14	15	17	17	18	17	16	16	14	18	19	19	19	19	18	19	18	19	18	18	17	17	16	16	16	16	16	16	16	15
	SSE	SSE	SSE	SSE	SSE	SE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	S	S	S	S	S	S	S	S	S	S	S	S	S	SSW	SSW	SSW	SSW	SSW
25/26	9	10	10	8	7	8	8	8	9	10	8	8	9	8	10	13	14	14	14	14	14	14	13	13	13	13	12	12	12	12	12	12	12	12	11	11
	18	17	16	15	14	16	14	13	19	17	16	16	17	14	16	18	19	19	19	20	20	20	19	19	18	18	18	17	17	17	17	16	16	16	15	15
	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	S	SSE	SSE	SSE	SSE	SSE	SSE	S	S	S	S	S	S	S	S	S	S	S	S	S	SSW	SSW	SSW	SSW	SSW
11/12	12	12	11	10	8	9	9	9	10	8	7	7	8	8	11	14	15	14	14	15	15	15	14	14	13	13	13	12	12	12	12	12	12	12	11	11
	20	19	17	16	14	15	16	13	17	15	14	13	15	12	17	18	19	19	19	20	20	21	20	19	18	18	18	17	17	17	17	16	16	15	15	15
	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	S	SSE	SSE	SSE	SSE	SSE	SSE	S	S	S	S	S	S	S	S	S	S	S	S	S	SSW	SSW	SSW	SSW	SSW
1 & 2 Bravo	15 22 SSE	15 22 SSE	14 21 SSE	12 18 SSE	10 14	9 14 SSE	9 14 SSE	9 14 SSE	8 13 SSE	6 10	9 14	7 13 SSE	8 12 SSE	10 16 SSE	10 16 SSE	15 19 SSE	15 20 SSE	16 20 SSE	16 21 S	16 22 S	16 22 S	16 23 S	16 21 S	15 20 S	14 19 S	14 19 S	14 18 S	14 18 S	13 18 S	13 18 S	13 18 S	13 17 S	13 16	12 16	12 16	11 15

Houston Pilots: Sun. 1/15/2023





Forecast Discussion

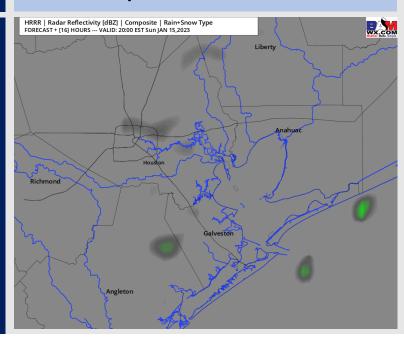
Precip: Favoring more dry time than not today. A 10% chance for pockets of light drizzle will be possible throughout the day.

Wind: Sustained winds out of the SSE throughout the day. Winds north of Morgan's point will start out at 5 – 7 kts and 10 – 15 kts south of Morgan's point. Winds will gradually increase to 11 – 18 kts across all stations by the evening hours and will remain as such for the rest of the night. Wind gusts 20 - 25 kts will be possible for all stations in the evening hours on Sunday.

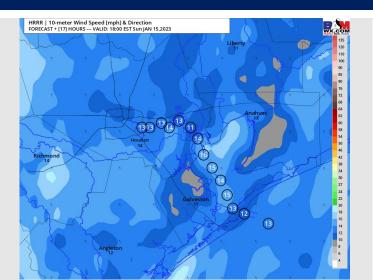
Temps: High temperatures Sunday in the near 70s F for all stations.

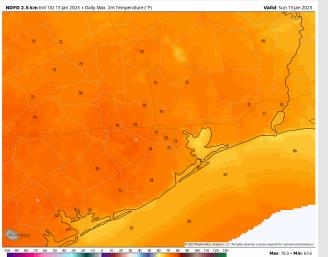
Visibility: Low end risk for patchy fog development after noon. Check visibility slides for more details.

Precip Forecast: 7 PM CT



Wind Speed 5 PM CT





High Temps Sunday

Houston Pilots: Mon. 1/16/2023





Forecast Discussion

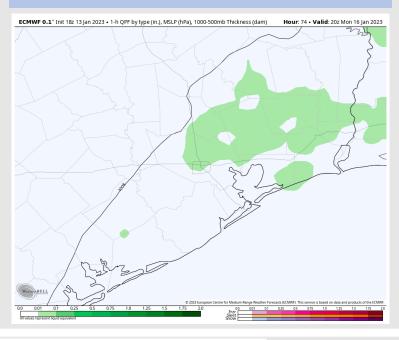
Precip: Anticipating dry conditions for the AM hours, with a 30% chance for scattered showers/storms during the 12 – 5 PM hours mainly north of Morgan's Point.

Wind: Sustained Southerly winds for Monday with slight SSW veering during the afternoon. Winds will start out at 8 – 12 kts N of Morgan's point and 12 – 17 kts S of Morgan's point until 11 AM. From 11 AM – 5 PM winds will be at 12 – 17 kts across all stations and then will diminish after 5 PM N of Morgan's Point to 6 – 10 kts. Wind gusts could range between 22 – 26 kts between 10 AM – 4 PM.

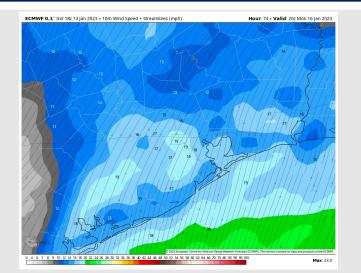
Temps: High temperatures Monday will be in the upper 70s F north of Morgan's Point and in the mid to lower 70s F south of Morgan's Point.

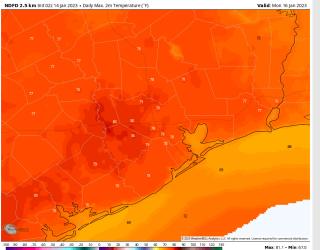
Visibility: A low end risk for sea fog will be possible Monday AM and PM, but parameters are borderline. More details to come in forthcoming updates.

Precip Forecast: 2 PM CT



Wind Speed 2 PM CT





High Temps Monday

Houston Pilots: Tue. 1/17/2023





Forecast Discussion

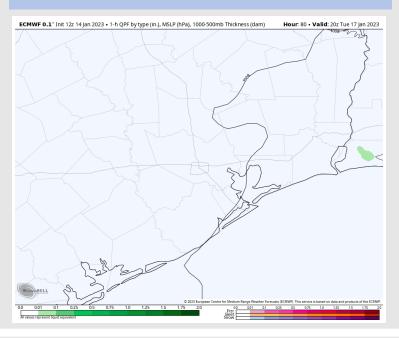
Precip: Favoring dry conditions on Tuesday with a 10% chance for an isolated sprinkle during the afternoon.

Wind: SW winds in the AM hours and early afternoon will shift from the SE by 5 PM and remain as such for the evening. Winds north of Morgan's point will be 3 – 8 kts and south of Morgan's Point will be 9 – 14 kts. From 11 AM – 6 PM winds will be at 3 – 8 kts across all stations before picking back up again at 9 – 14 kts south of Morgan's Point.

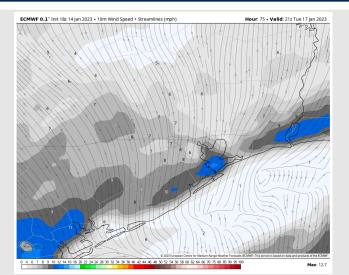
Temps: Unseasonably warm on Tuesday with temperatures near 80 F north of Morgan's Point and in the lower 70s F south of Morgan's Point.

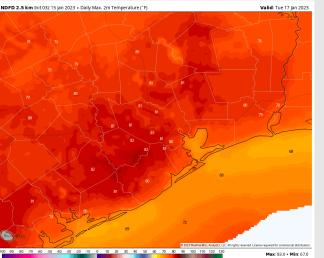
Visibility: Sea fog will be possible on Tuesday morning as there will be substantial low-level moisture with southerly winds. More details to come in the next few updates.

Precip Forecast: 2 PM CT



Wind Speed 3 PM CT



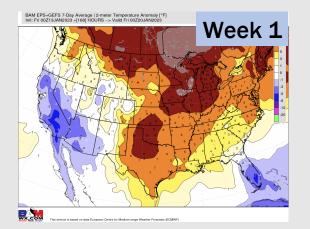


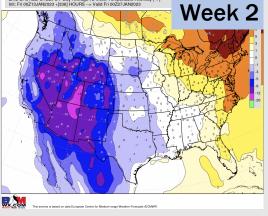
High Temps Tuesday

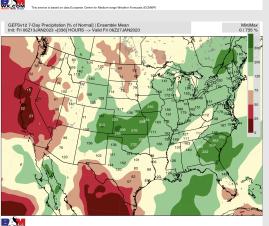
Houston Pilots: 1/15/23

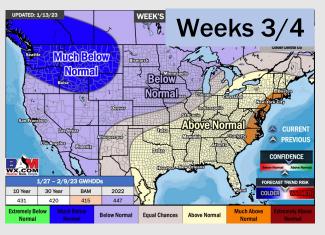


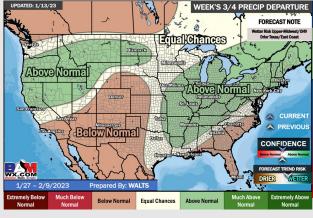












- A generally drier pattern with the best chances for precip moving forward coming Monday, and again next Wed/Thu. Temps will continue to remain above average.
- Week 2 precipitation is expected to be near normal for the week 2 timeframe.
 Temperatures are to be near normal.
- Near normal precipitation chances and above normal temperatures expected in the weeks ³/₄ timeframe.