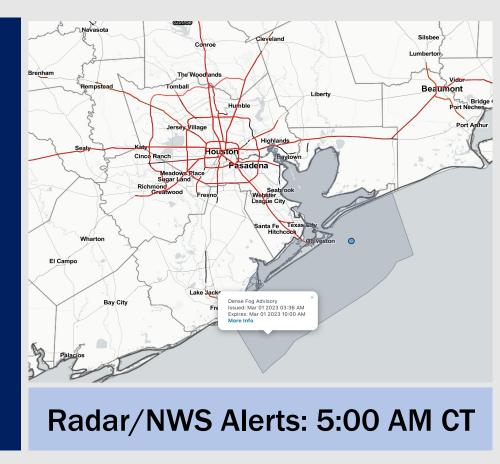
Houston Pilots Forecast Package

Updated: 5:00 AM CT Wednesday, March 1, 2023

Forecaster: Alyssa McClung

Weather Headlines

- Low end risk for patchy fog / low cloud deck this morning with visibilities between 2 – 4 miles (isolated instances of less that 2 miles). Daily fog chances will be on the table through Thursday before a strong cold front works through and wipes fog chances out by Friday.
- Isolated shower chances on the order of <20% are expected throughout the week.</p>
- Highest risk of seeing waves at/just above 6 8+ feet comes late Thursday afternoon through daybreak
 Friday. This will because of strong Southerly winds.
- Thursday looks to hold particularly strong sustained winds in the 15 – 20 kt range with gusts of up to 30 kts possible. As the cold front arrives late THU PM/Early FRI AM, gusts could be as high as ~40 kts.



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 Visibility Report



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TIMEFRAME DISCUSSED	THREAT
CURRENT – 1 PM THU	Low - Med

- Lower cloud deck this morning reducing visibilities to 2 4 miles primarily for stations south of Morgan's Point. Brief periods of visibility less than 2 miles cannot be ruled out, especially for the Boarding Station and Station 11/12. Expecting this low end threat to lift around the 1 PM today keeping conditions clear out through 7 PM.
- After 7 PM, anticipating the threat for widespread sea fog / low cloud deck to return for stations south of Morgan's Point reducing visibilities down to 2 – 4 miles with periods of 2 mile or less visibility (especially for the Boarding Station and Station 11/12). Stations north of Morgan's Point at risk patchy fog reducing visibilities to 3 – 5 miles.
- Expecting this fog threat to continue out through the 1 PM timeframe Thursday.

Houston Pilots Extended Range Visibility Report



Saturday 3/4/23

Fog is not likely on Saturday as drier air will still be around from the front that will pass through late Thursday/early Friday.

Sunday 3/5/23

Easterly winds will be possible on Sunday and could veer more from the SE during the PM hours. Late Sunday night into Monday AM would be a risk to watch.

Confidence	Confidence					
Above Below Normal Normal	Above Normal	Below Normal				
Monday 3/6/23	Chance for Reduced Vis	sibility				
SE winds will be possible all day Monday,	Friday AM	Unlikely				
allowing sea fog development to be possible.	Friday PM	Unlikely				
	Sunday AM	Unlikely				
	Sunday PM	Possible				
Confidence	Monday AM	Possible				
Above Below Normal Normal	Monday PM	Possible				

Houston Pilots Visibility Report





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

Houston Pilots Wind Report





	Example
Sustained wind 13 Knots	WS: 13
Gusts 18 Knots	G:18
Wind from the N	→ N

Time	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	Thu	Thu
Knots	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	3pm
610 Bridge	5	7	8	7	9	7	8	11	11	12	12	11	10	9	8	10	10	9	9	9	9	8	8	8	8	8	7	9	9	11	13	15	17	19	18	20
	16	19	20	20	20	15	14	20	17	19	19	17	16	14	13	15	14	14	14	14	14	13	12	12	12	12	11	13	14	17	20	23	26	28	28	30
	S	S	S	S	SSW	SSW	S	S	S	S	S	S	S	S	SSE	S	SSE	SSE	SSE	S	S	S	S	S	S	S	S	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE
Kinder 1	5	6	8	7	9	7	7	10	11	12	12	11	10	9	8	10	10	9	9	9	9	8	8	8	8	8	7	8	9	11	13	15	17	18	18	20
	16	19	20	20	20	15	14	19	17	19	18	17	15	14	13	16	14	14	14	13	14	13	12	12	12	12	11	13	14	17	20	23	25	28	28	30
	S	S	S	S	SSW	SSW	S	S	S	S	S	S	S	S	SSE	S	SSE	SSE	SSE	S	S	S	S	S	S	S	S	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE
Greens Bayou	5 16 S	7 19 S	8 20 S	7 20 S	8 20 SSW	7 15 SSW	7 14 S	11 18 S	11 17 S	12 19 S	12 18 S	11 17 S	10 15 S	9 14 S	8 13 SSE	10 16 SSE	10 14 SSE	9 14 SSE	9 14 SSE	9 13 5	9 14 S	8 13 S	8 12 5	8 12 5	8 12 5	8 12 S	7 11 S	8 13 SSE	9 13 SSE	11 16 SSE	12 19 SSE	14 22 SSE	16 25 SSE	18 27 SSE	18 28 SSE	20 30 SSE
Shell Crude	5	7	8	8	9	7	7	11	12	12	12	11	10	9	8	10	10	9	9	9	9	9	8	8	8	8	7	8	9	10	12	14	16	18	18	20
	16	19	20	21	20	15	13	17	17	19	18	17	15	15	14	16	14	13	14	13	13	13	12	12	12	12	11	12	13	16	18	21	24	27	28	30
	S	S	S	S	SSW	SSW	S	S	S	S	S	S	S	S	SSE	SSE	SSE	SSE	SSE	5	S	S	S	S	S	S	S	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE
Lynchburg Ferries	5 16 S	7 19 S	8 20 S	8 21 S	8 20 SSW	8 15 SSW	7 13 S	11 18 SSE	12 18 S	12 19 S	12 19 S	11 17 SSE	10 16 SSE	10 15 SSE	8 14 SSE	11 16 SSE	10 14 SSE	9 14 SSE	9 13 SSE	9 13 SSE	9 13 S	9 13 S	8 12 S	8 12 S	8 12 S	8 12 S	7 11 SSE	8 12 SSE	9 13 SSE	10 15 SSE	12 18 SSE	14 21 SSE	16 24 SSE	18 27 SSE	18 28 SSE	19 29 SSE
Exxon 3	7	8	9	8	8	7	7	11	11	12	11	11	10	10	8	11	10	9	9	9	8	8	8	8	8	8	7	8	8	10	12	14	16	17	18	19
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	S	S	S	S	SSW	SSW	S	SSE	SSE	SSE	SSE	SSE	SSE	SSE	S	S	S	S	S	S	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE						
Morgans Point	8 16 SSE	8 18 S	9 19 S	9 19 S	8 20 S	6 15 S	7 13 SSE	10 18 SSE	11 18 SSE	10 18 SSE	10 18 SSE	11 18 SSE	11 17 SSE	10 16 SSE	9 15 SSE	11 14 SSE	11 13 SSE	9 12 SSE	9 12 SSE	9 12 SSE	9 12 S	8 11 S	8 11 S	8 11 S	8 11 SSE	8 11 SSE	8 10 SSE	8 11 SSE	9 12 SSE	11 14 SSE	12 16 SSE	15 20 SSE	16 23 SSE	17 25 SSE	18 26 SSE	18 27 SSE
75/76	9	8	9	9	8	6	6	10	11	9	10	11	11	11	9	12	11	10	10	10	9	9	9	9	9	9	9	9	11	12	14	16	17	18	18	19
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	SSE	S	S	S	S	S	SSE	SSE	SSE	SSE	SE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	S	S	S	S	SSE	SSE	SSE	SSE	SSE	SE	SSE	SSE	SSE	SSE	SSE	SSE
63/64	10	9	9	10	8	7	6	10	11	9	9	11	10	9	8	11	11	10	10	10	9	9	9	9	9	9	9	10	11	12	14	16	17	18	19	19
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	SSE	S	S	S	S	S	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	S	S	S	S	S	S	SSE	SSE	SSE	SSE	SE	SSE	SSE	SSE	SSE	SSE	SSE
51/52	10	8	9	10	9	8	6	10	10	8	9	11	9	9	8	10	10	9	10	10	9	9	9	8	8	9	9	9	11	12	14	16	17	18	18	19
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	SSE	S	S	S	S	S	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	S	S	S	S	S	S	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE
37/38	10	8	9	10	9	8	6	10	9	9	10	11	9	8	7	9	9	8	9	9	9	9	8	8	8	8	9	9	10	12	14	16	16	18	18	19
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	S	S	S	S	S	S	S	SSE	SSE	SSE	SSE	SSE	SSE	S	S	S	S	S	S	SSE	SSE	SSE	SSE	SSE	SSE	SE	SSE	SSE	SSE	SSE						
25/26	10	7	9	10	10	8	7	10	9	9	10	9	8	7	7	8	8	8	9	9	9	9	8	7	7	7	8	8	9	11	13	15	15	17	18	19
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	S	S	S	S	S	S	SSW	SSE	SSE	SSE	SSE	SSE	SSE	S	SSE	SSE	SSE	SSE	SSE	S	S	S	S	S	S	SSE	SSE	SSE	SSE	SSE	SSE	SE	SSE	SSE	SSE	SSE
11/12	10	8	10	9	10	7	6	8	8	8	8	7	6	6	6	8	8	8	9	9	9	9	8	7	8	8	8	9	10	11	12	14	15	16	17	18
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	S	S	S	S	S	S	S	SSE	SSE	SE	SSE	SSE	SSE	SSE	SE	SSE	SSE	SSE	SSE	S	S	S	S	S	S	SSE	SSE	SSE	SSE	SE	SE	SE	SE	SSE	SSE	SSE
1 & 2 Bravo	9	9	9	9	10	7	5	7	8	7	7	7	5	5	5	10	10	10	11	11	11	11	10	9	9	9	10	10	11	12	14	16	16	17	19	20
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	SSE	SSE	S	S	S	S	SE	SE	SE	SE	SE	SE	SE	SE	ESE	SSE	SSE	SSE	SSE	S	S	S	S	S	SSE	SSE	SSE	SSE	SE	SE	SE	SE	SE	SSE	SSE	SSE

Houston Pilots: Wed. 3/1/2023



Forecast Discussion

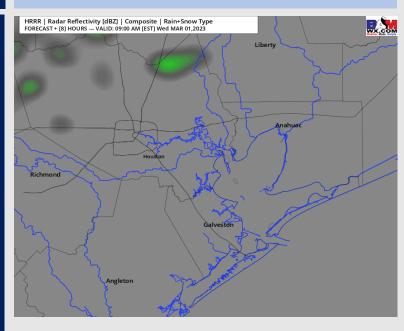
Precip: Favoring dry conditions throughout the day Wednesday. An isolated 20% chance for a light shower between 10 AM – 2 PM, anticipating the better rain chances to remain N. of HOU Metro.

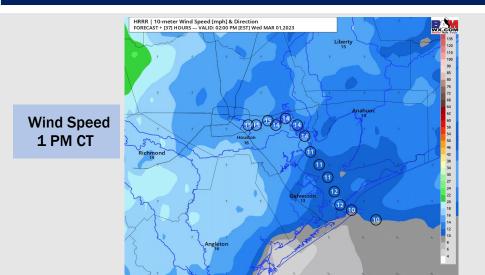
Wind: Sustained winds out of the S - SSE all day. Winds north of Morgan's Point will be at 6 - 10 kts until 9 AM where winds increase to 10 - 15 kts and stay that way the rest of the day. Winds south of Morgan's Point will be at 10 - 15 kts throughout the day with occasional gusts 18 - 23 kts.

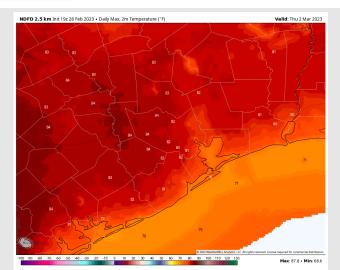
Temps: High temperatures Wednesday in the 70s F for stations south of Morgan's Point. Stations north of Morgan's Point in the near 80s F.

Visibility: Patchy sea fog will once again be possible (biggest threats coming in the early-mid AM hours & after sundown). Slightly elevated winds during the day likely limit the threat for the late AM – mid PM hours.

Precip Forecast: 8 AM CT







High Temps Today

Houston Pilots: Thu. 3/2/2023



Forecast Discussion

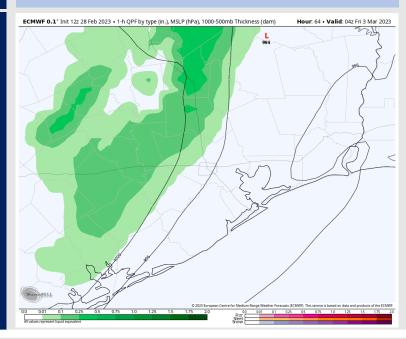
Precip: Favoring dry conditions for Thursday leading up until about 10 AM where light showers ahead of a cold front will allow for 20% chances. A strong cold front looks to push through the area around ~11 PM, and with it a brief period of moderate rain will be possible from 10 PM – Midnight.

Wind: Sustained winds will start from the SE during the AM hours and will then veer slowly to the S ahead of the cold front between 7 to 9 PM. Winds will then flip from the NW by Midnight. Winds will start out during the AM hours at 8 – 14 kts across all stations, increasing to 15 – 20 kts by 12 PM. From 6 PM – 9 PM, winds south of 25/26 will increase even more to 22 – 27 kts. Wind gusts post 12 PM across all stations will range from 25 – 33 kts. As the cold front presses through, gusts of 35-40 kts will be possible across all stations from 9 PM – Midnight.

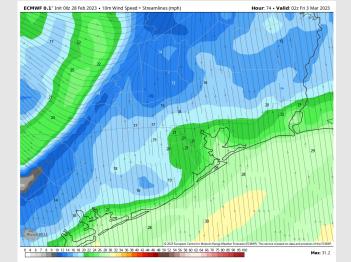
Temps: High temperatures Thursday will be near 80 F north of Morgan's Point and in the mid to lower 70s F south of Morgan's Point.

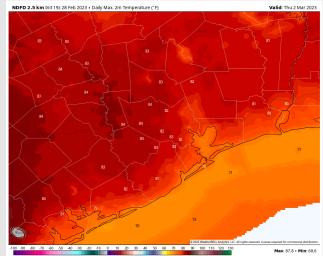
Visibility: Reduced visibilities via sea fog will be possible during the AM and early afternoon hours, especially ahead of the cold front with plentiful low-level moisture and southerly winds. After the cold front pushes through during the late evening, this will wipe out all fog threats for Friday AM

Precip Forecast: 10 PM CT









High Temps Thursday

Houston Pilots: Fri. 3/3/2023



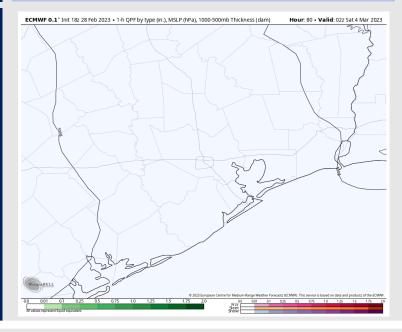
Forecast Discussion

Precip: After the strong cold front pushes through the area by 2 AM, anticipating dry conditions for the rest of the day.

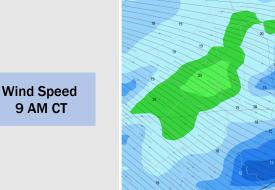
Wind: Sustained winds out of the W - NW all day. Winds will start out at 12 – 18 kts for all stations until 12 PM. Winds will gradually decrease across all stations to 4 – 10 kts by 5 PM and stay that way through the rest of the evening. Wind gusts of 35 - 40 kts will

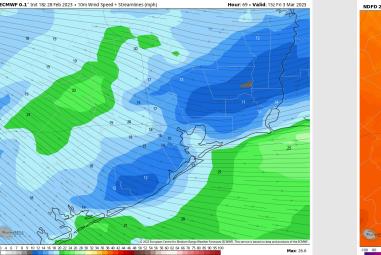
Temps: High temperatures Friday will be in the mid to upper 60s F for stations near the Boarding Station and mid to low 70s F for all other stations.

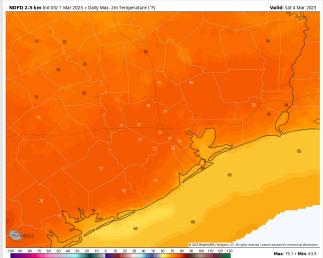
Precip Forecast: 8 PM CT



Visibility: Not anticipating visibility impacts at this time.



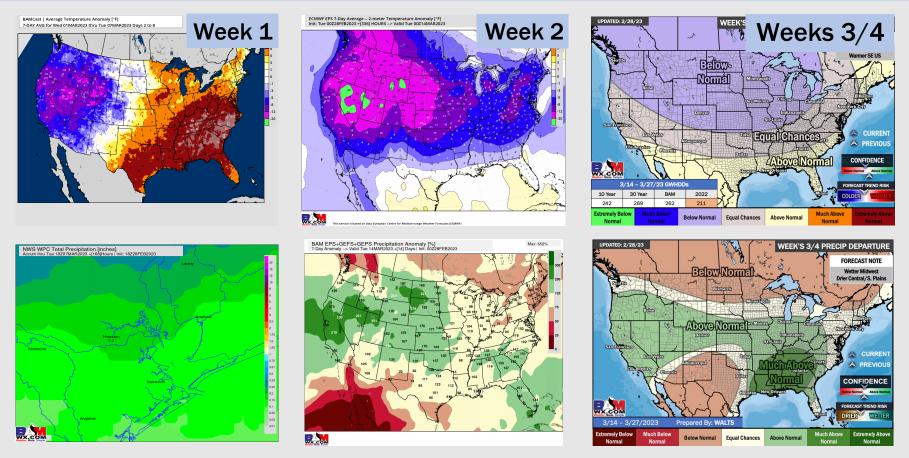




High Temps Friday

Houston Pilots: 3/1/23





- Isolated / low end shower chances will be possible the next several days with a front stalled/hanging around the area. Best chances for precip will come late Thursday PM/ early Friday AM pending the timing of a cold front. Temperatures are expected to be well above average over the next seven days.
- Expecting near normal precipitation chances and near normal temperatures extending into the week 2 timeframe.
- Anticipating slight above normal chances for precipitation and above normal temperatures favored in the week ³/₄ timeframe.