Houston Pilots Forecast Package

Updated: 2:20 PM CT Monday, April 3, 2023

Forecaster: Will Danby

Weather Headlines

- A very low-end risk for patchy fog will be possible tonight around sundown for a brief period – please check the visibility slide below.
- This week will be windier than average with the only "calmer" period looking to come Wednesday. Otherwise, there will be multiple days with sustained winds 13-18+ kts possible.
- The week starts out drier, but Wednesday through Saturday holds daily rain chances with higher-than-average confidence. Several inches of rain (3-5") will be possible by the end of the weekend.



Houston Pilots

Radar/NWS Alerts: 2:18 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 Visibility Report



Confidence **11 PM CT MON VISIBILITY 9 PM CT MON VISIBILITY** HRRR | Visibility [miles] HRRR | Visibility [miles] E M FORECAST + [8] HOURS --- VALID: 10:00 PM [EDT] Mon APR 03,2023 FORECAST + [10] HOURS --- VALID: 00:00 AM [EDT] Tue APR 04,2023 Liberty Liberty Above Normal (1)1)19 (B) (4 Richmond **Below** Normal Angleton Angletor

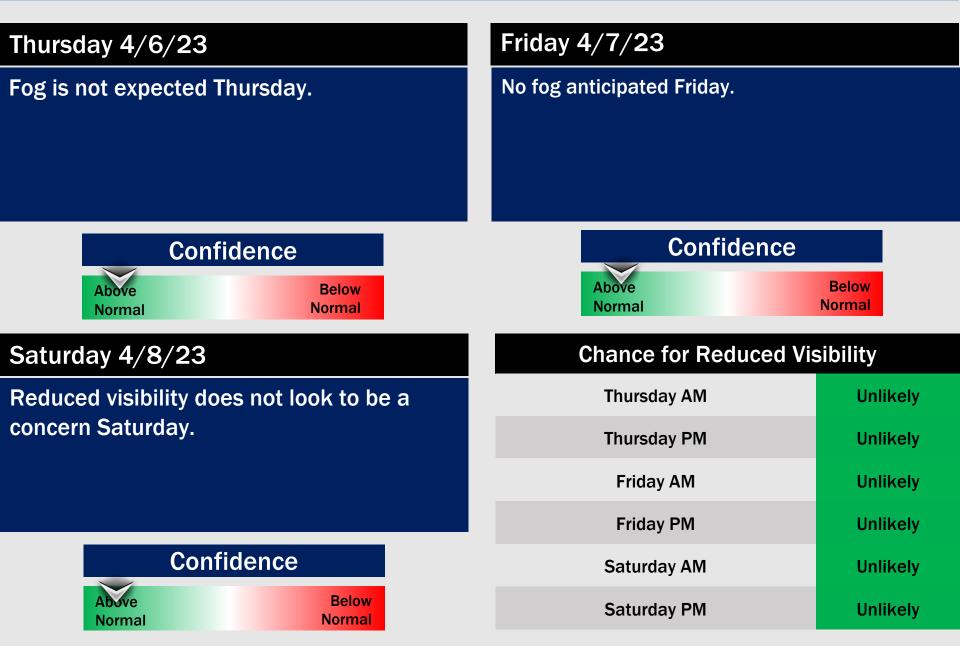
\succ A couple waves of patchy fog will be possible starting at the
Boarding Station and this fog could drift as far north as station
51/52 starting after sundown leading up to 12 AM Tuesday.

Visibilities during this timeframe can be reduced to 2 – 5 miles, but it is not favored for this fog to be dense as low-level moisture is rather dry and borderline across these stations. The risk of seeing this fog initialize is very low, but is not a nonzero threat.

TIMEFRAME DISCUSSED	THREAT
8 PM MON - 12 AM TUE	Lowest

Houston Pilots Extended Range Visibility Report





Houston Pilots Visibility Report





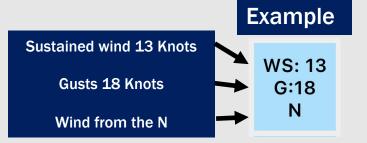
 Time
 Mon
 Tue
 Tue

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

Houston Pilots Wind Report







610 Bridge	11 16	12 17	10 15	11 15	10 15	11 16	10 17	9 17	9 20	9 21	9 22	9 23	9 24	9 23	10 24	15 22	14 21	13 20 S	12 19	15 23	16 24	17 26	18 28	19 29	20 30	20 30 S	18 28	19 29	20 30	19 28	18 28 SSE	18 27	17 25	19 28	18 27	18 27
Kinder 1	SSW 11 16	S 12 17	5 10 15	5 10 15	S 10 15	S 11 16	S 10 17	S 9 18	S 9 20	S 9 21	S 9 22	S 9 22	9 24	9 23	S 10 24	S 14 22	S 14 21	5 13 20	S 12 19	S 15 22	S 16 24	S 17 26	S 18 27	S 19 29	S 20 30	20 30	S 18 28	S 19 28	S 19 29	S 19 28	18 28	S 17 27	SSE 17 25	SSE 18 28	SSE 18 27	SSE 18 27
Greens	SSW 11	S 12	S 11	S 10	S 10	S 11	S 10	S 9	S 8	S 9	S 9	S 9	S 9	S 9	S 10	S 14	S 14	S 13	S 12	S 14	S 15	S 17	S 18	S 19	S 19	S 19	S 18	S 19	S 19	S 18	SSE 18	S 17	SSE 16	SSE 18	SSE 18	SSE 18
Bayou	16 S	17 S	15 S	15 S	15 S	16 S	17 S	18 SSE	20 S	20 SSE	22 S	22 S	23 S	23 S	23 S	21 S	21 S	20 S	19 S	21 S	23 S	26 S	27 S	28 S	29 S	29 S	28 S	28 S	29 S	28 S	27 SSE	26 S	25 SSE			27 SSE
Shell Crude	12 16 S	12 17 S	11 15 S	11 15 S	11 16 S	11 17 S	10 17 S	9 19 SSE	8 20 S	9 20 SSE	9 22 5	9 22 5	9 24 S	9 23 5	10 24 S	14 21 S	14 21 S	13 19 S	12 19 S	14 20 S	15 22 S	17 25 S	17 26 S	18 28 S	19 28 S	19 28 S	18 27 S	18 27 S	18 28 S	18 27 S	18 27 SSE	17 26 S	16 25 SSE	18 27 SSE	17 26 SSE	18 27 SSE
Lynchburg Ferries	12	13 18	11 15	11 16	11 16	11 17	10 17	9 19	8 20	9 20	9 22	9 22	9 23	9 23	10 24	14 21	14 20	13 19	12 18	13 20	14 21	16 25	17 26	18 27	18 28	18 28	18 27	18 27	18 27	18 27	17 26	17 25	16 24	18 26	18 26	18 27
Ferries	S	S	S	S	S	S	SSE	SSE	SSE	SSE	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	SSE	SSE	S	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE
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Exxon 3	18	19	16	17	18	18	19	19	20	20	22	22	23	23	24	20	20	19	18	19	21	24	25	26	26	27	26	26	26	26	25	25	24	25	25	26
	S	S	S	S	S	S	SSE	SSE	SSE	SSE	S	S	S	S	S	S	S	S	S	S	S	S	SSE	SSE	SSE	SSE	SSE	SSE								
Morgans	13	12	11	12	12	12	12	10	9	9	10	9	9	10	10	14	14	14	13	14	15	16	16	17	17	17	18	17	18	18	18	18	17	17	17	18
Point	20	19	17	18	19	19	19	18	19	20	22	21	23	23	24	20	20	19	19	19	20	23	23	25	25	25	26	25	26	26	25	24	24	24	24	26
	S	S	S	S	SSE	S	SSE	SSE	SSE	SSE	SSE	S	S	S	S	S	S	S	S	S	S	S	SSE	SSE	SSE	SSE		SSE								
	13	10	12	12	13	13	12	10	9	10	10	9	9	10	10	15	16	16	15	16	17	17	17	18	17	17	18	18	18	19	19	19	19	18	19	19
75/76	20 S	20 S	19	19 SSE	20 SSE	20	18	18	18	20	21	21 S	22	24	24	20 S	20 S	20 S	19 S	20 S	21 S	23 S	23	24	24	24	25	25	26	25	24	24	24	24	24	26
			5			S	SSE	SSE	SSE	SSE	SSE	-	5	5	5	-	-	-	-	-		-	55E	55E 19	SSE	55E	SSE 18	SSE 19	SSE 20							
63/64	12 19	11 20	13 20	13 19	13 20	13 20	12 18	10 18	9 18	10 20	10 21	10 22	10 23	24	11 24	16 20	17 21	17 20	16 20	17 21	17 21	18 23	18 23	18 23	22	24	18 25	25	18 25	19	19	19 25	19 24	24	24	26
03/04	S	S	S	S	s	s		SSE	SSE	SSE	SSE	S	23	24	24 S	S	S	S	s	S	S	23 S	SSE	SSE	23 SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE			SSE
	10	12	13	13	13	12	11	10	10	10	11	11	11	11	11	16	17	16	16	17	17	18	17	17	16	17	17	17	17	19	19	19	18	18	18	19
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	11	13	13	13	12	11	10	9	9	10	11	12	11	12	12	15	16	16	15	16	17	17	17	17	16	17	17	17	17	18	18	19	18	18	18	19
37/38	20	22	20	20	20	17	16	17	17	19	21	22	23	25	26	20	20	20	20	20	22	22	23	23	23	24	25	25	26	26	26	26	24	25	24	26
-	S	S	S	S	S	S	SSE	SSE	SSE	SSE	SSE	S	S	S	S	S	S	S	S	S	S	S	SSE	SSE	SSE	SSE	SSE	SSE								
	11	13	12	12	11	10	9	8	9	9	11	12	12	12	13	14	15	14	15	15	16	16	15	16	15	16	16	17	17	18	17	18	17	17	17	18
25/26	20	21	20	20	19	16	16	16	16	17	19	21	22	25	26	20	20	20	20	20	22	22	22	22	22	23	24	25	25	26	25	27	25	25	25	25
	S	S	S	S	S	SSE	SSE	SSE	SSE	SSE	SSE	S	S	S	S	S	S	S	S	S	S	S	SSE	SSE	SSE	SSE	SSE	SSE								
	11	12	10	10	10	9	9	9	10	10	12	13	14	14	14	14	15	14	14	15	16	16	15	15	15	15	16	16	17	18	17	18	17	17	17	18
11/12	20	21	20	19	17	15	14	14	16	18	19	21	22	23	24	20	20	20	20	20	22	21	21	21	21	23	23	24	25	26	25	27	25	25	25	25
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1&2	12	10	8	8	8	8	9	9	10	11	13	15	15	14	14	16	17	17	16	17	18	18	16	16	15	16	17	17	18	20	20	20	20	19	19	19
Bravo	18	18	16	14	13	12	14	14	16	18	19	21	21	21	21 S	20 S	21 S	21	21	21	22	22	21	21	20	22	23	24	25	27	26	27	26	26	25	25
	S	5	S	S	SSE	SSE	SE	SSE	SSE	SSE	SSE	- 5	S	5	5	S	5	S	S	SSE	SSE	SSE	SSE	SSE	SSE											

Houston Pilots: Mon. 4/3/2023



Forecast Discussion

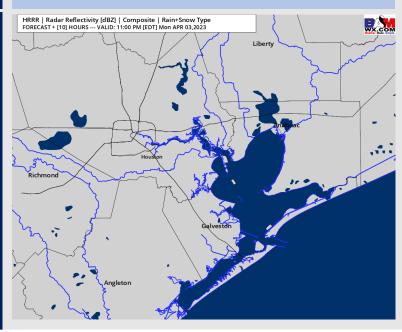
Precip: Favoring conditions to remain dry this evening and into the overnight.

Wind: Southerly winds will continue for the afternoon hour at 10-15 kts across all stations. Gusts of 17 – 22 kts will be possible across all stations as well, with a better chance for this to occur after 9 PM.

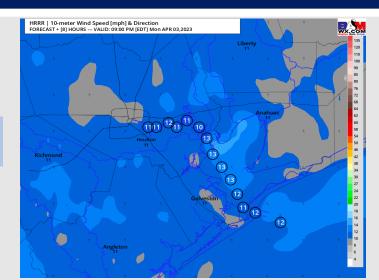
Temps: Low temperatures Tuesday AM will be in the mid to lower 70s F across all stations.

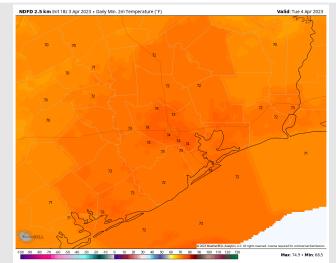
Visibility: Please see visibility slide above for more information.

Precip Forecast: 10 PM CT



Wind Speed 8 PM CT





Low Temps Tuesday AM

Houston Pilots: Tue. 4/4/2023



Forecast Discussion

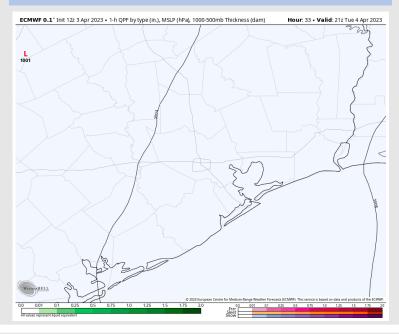
Precip: Favoring dry conditions throughout the day Tuesday.

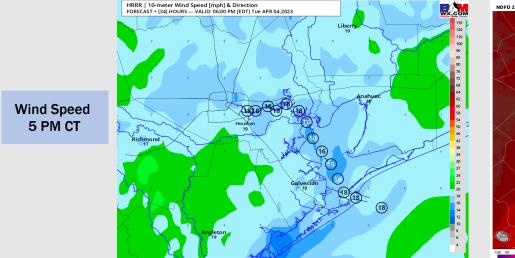
Wind: Favoring sustained winds to be out of the S/ SSE throughout the day Tuesday. Anticipating winds of 15-20 kts throughout much of the day at all stations. Gusts in the range of 23-28 kts look to be possible much of the day as well.

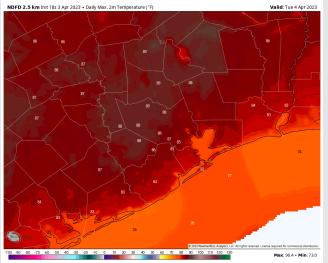
Temps: High temperatures Tuesday in the mid 70s F at the Boarding Station and in the Mid-Upper 80s F at all other stations.

Visibility: Tuesday will be another morning where reduced visibility down to a few miles will be on the table. Not expecting widespread dense fog, but rather a few locations (mainly S of 11/12) could see visibilities drop to the 2-4 miles range).

Precip Forecast: 4 PM CT







High Temps Tuesday

Houston Pilots: Wed. 4/5/2023



Forecast Discussion

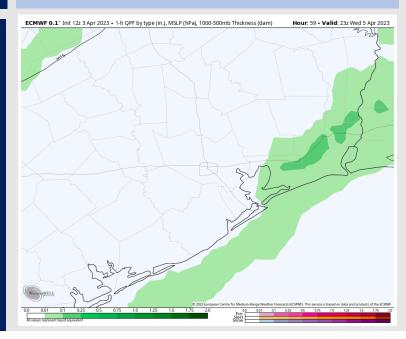
Precip: A line of showers/thunderstorms moves into the area after 10 AM associated with a cold front and stalls over the area for the rest of the PM hours.

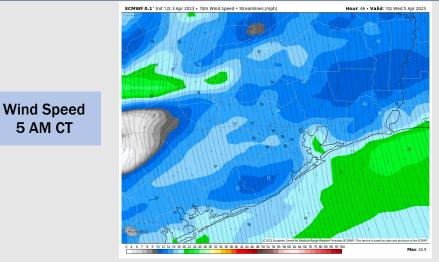
Wind: Southerly winds shift out of the NE as front moves through the channel by noon. Before noon, winds north of Morgan's Point will be 11 - 16 kts and winds south of Morgan's Point will be at 16 - 21 kts. From Noon - 9 PM, winds at all stations will drop to 6 - 11 kts. From 9 to midnight, winds will gradually increase to 12 - 17 kts at all stations.

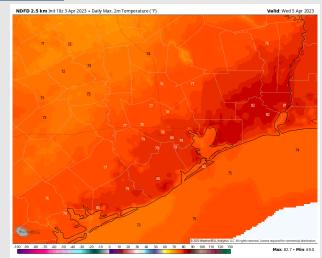
Temps: High temperatures will be in the mid to upper 70s F. Stations north of Morgan's Point may reach 80 F.

Visibility: Patchy fog is not currently favored, but also cannot be fully taken off the table out ahead of the front Wednesday AM. Winds will be a limiting factor.

Precip Forecast: 6 PM CT



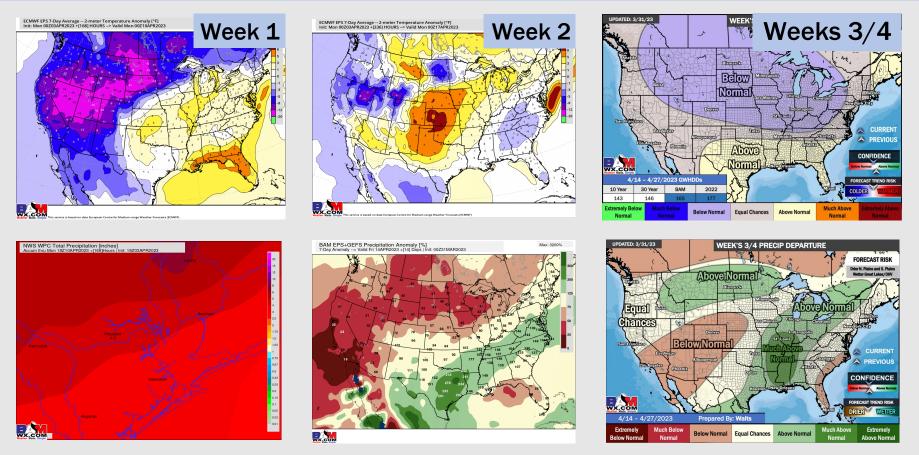




High Temps Wednesday

Houston Pilots: 4/3/23





- Expecting the second half of the week into the weekend (Wed-Sat) to be rather active in terms of precip as 3-5" of rain will be possible. A stalled-out front over the coast of Texas will be the culprit to heavy rain.
 Temperatures are expected to be slightly above normal over the next seven days.
- Expecting above normal precipitation chances and slightly above normal temperatures extending into the week 2 timeframe.
- Anticipating above normal temperatures and above normal chances for precipitation favored in the week ³/₄ timeframe.