Houston Pilots Forecast Package

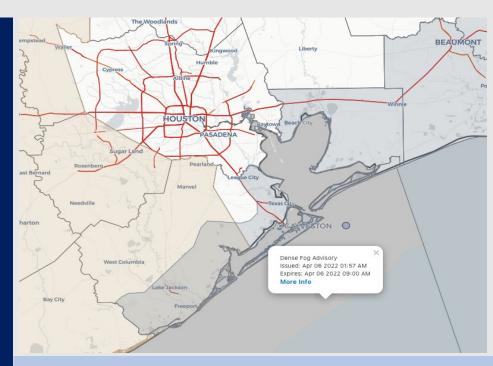
Updated: 5:00 AM CT

Wednesday, April 6, 2022

Forecaster: Vince Bryan

Weather Headlines

- Fog is expected to hang around out through mid/late-morning before a cold front wipes this threat away.
- Anticipating dry conditions for at least the next several days.
- Winds increase again into this afternoon and continue elevated into Thursday.



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







Time				04-06- 2022 Wed 6am		04-06- 2022 Wed 8am			04-06- 2022 Wed 11am	04-06- 2022 Wed 12pm	04-06- 2022 Wed 1pm	04-06- 2022 Wed 2pm	04-06- 2022 Wed 3pm	04-06- 2022 Wed 4pm	04-06- 2022 Wed 5pm	04-06- 2022 Wed 6pm	04-06- 2022 Wed 7pm	04-06- 2022 Wed 8pm	04-06- 2022 Wed 9pm		04-06- 2022 Wed 11pm		04-07- 2022 Thu 1am	04-07- 2022 Thu 2am	04-07- 2022 Thu 3am	04-07- 2022 Thu 4am	04-07- 2022 Thu 5am	04-07- 2022 Thu 6am	04-07- 2022 Thu 7am	04-07- 2022 Thu 8am	04-07- 2022 Thu 9am	04-07- 2022 Thu 10am		04-07- 2022 Thu 12pm	04-07- 2022 Thu : 1pm	04-07- 2022 Thu 2pm
Houston Pilots N - 610 Bridge	3.948	2.958	2.785	2.785	2.516	2.397	5.359	6.067	6.931	6.976	7.885	8.999	8.669	7.885	8.999	8.999	6.930	6.930	9.033	7.919	7.366	6.930	6.513	6.964	6.964	6.964	7.954	8.682	10.000	6.964	7.954	8.988	10.000	10.000	10.000	10.000
Houston Pilots M - Kinder 1	3.948	2.958	2.785	2.785	2.516	2.397	5.359	6.067	6.931	6.976	7.885	8.999	8.667	7.885	8.999	8.999	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000
Houston Pilots L - Greens Bayou	3.948	2.946	2.712	2.712	2.516	2.188	5.359	5.750	6.931	6.963	8.677	8.999	8.999	7.885	9.790	8.999	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000
Houston Pilots K - Shell Crude	3.948	2.916	2.531	2.531	2.516	1.717	4.927	4.967	6.931	6.959	7.885	8.999	8.659	7.885	8.999	9.237	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000
Houston Pilots J - Lynchburg Ferries	3.948	2.914	2.516	2.516	2.516	2.516	4.902	5.127	6.931	6.970	7.885	8.999	8.657	7.885	8.999	9.569	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000
Houston Pilots I - Exxon 3	3.948	2.914	2.516	2.516	2.516	2.367	4.902	4.902	6.931	6.970	7.885	7.885	8.999	8.999	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000
Houston Pilots H - Morgans Point	3.153	2.914	2.516	2.516	2.516	1.641	4.902	4.902	6.931	6.970	7.646	6.970	10.000	8.999	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000
Houston Pilots G - 75/76	2.996	2.871	2.516	2.516	2.516	1.428	3.948	4.902	6.931	6.970	7.885	6.970	10.000	8.999	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000
Houston Pilots F - 63/64	2.750	2.749	2.039	2.516	2.320	0.766	3.948	4.902	6.931	6.970	8.534	6.970	10.000	8.999	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000
Houston Pilots E - 51/52	2.516	2.382	1.928	2.206	1.641	0.699	2.914	4.902	6.931	6.931	8.999	8.999	10.000	8.999	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000
Houston Pilots D - 37/38	2.413	1.641	1.641	1.885	0.722	0.289	2.828	4.902	6.931	6.931	8.999	8.999	10.000	8.999	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000
Houston Pilots C - 25/26	2.039	0.766	0.766	0.905	0.289	0.289	2.516	5.565	6.978	6.978	8.999	8.999	10.000	8.999	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000
Houston Pilots B - 11/12	2.039	0.766	0.766	0.448	0.289	0.289	2.039	5.565	6.978	6.978	8.999	8.999	10.000	8.999	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000
Houston Pilots A - 1 & 2 Bravo	1.338	0.528	0.468	0.289	0.289	0.289	0.766	3.493	6.931	5.661	8.288	8.288	10.000	8.999	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Please see slides below for more info on reduced visibilities today and tomorrow.

Houston Pilots Wind Report



G:15

NNW

NNW





G:25 G:27

G:25 G:27

G:25 G:27

G:25 G:28

G:26 G:28

G:26

G:27

G:28

NNW

G:29 G:29 G:25

NNW

G:28 G:29 G:25 G:26 G:27 G:28 G:28 G:29

NNW

NNW

G:29

G:25 G:26 G:27 G:27 G:28 G:29 G:29 G:29 G:27

G:25

G:22 N G:21 N

G:22 NW

G:19 G:18

G:17

G:16

WNW

G:18 G:18 G:17

WSW

G:17 G:15

WS. 9

G:19

WSW

WS- 9

wsw

G:17 G:18

G:19 G:17 G:13 G:14 G:15 G:23 NW

Houston Pilots N

G:17

G:17

G:16 G:19

WS: 7

SSW SSW

G:18 SSW

G:19

G:19 SSW

G:18 G:18 G:18 G:17

- 610 Bridge Houston Pilots M

- Kinder 1

Houston Pilots L

Houston Pilots J

- Lynchburg

Houston Pilots I

Exxon 3

Houston Pilots H

Morgans Point

Houston Pilots G

Houston Pilots F

Houston Pilots E

- 51/52 Houston Pilots D

Houston Pilots C

- 25/26

Houston Pilots B

Houston Pilots A

G:19

G:17 G:18

G:18

G:18 G:18

G:18 G:16 G:19

Example Sustained wind 13 MPH **WS: 13** Gusts 18 MPH G:18 Wind from the N

G:15

N Ν

G:18 G:15 G:14 G:13 G:12 G:14

G:25

G:28

WS: 7

WS: 8

WS: 8 WS: 8

WS: 9 WS: 8

G:12

N NNW NNW NNW

G:19 G:17 G:16 G:17

G:19 G:17 G:15 G:14 G:13 G:11 G:10

W

WS: 11 WS: 10

WS: 10

WS: 10

G:28 G:27

G:29 G:28 G:26

G:29 G:28 G:26 G:13 G:11 G:10

NNW

G:10

NNW NNW

G:10

G:10 G:11 G:15

G:10 G:11 G:15

NNW

WS: 13 WS: 13

G:18 G:19

G:19

NNW

N 04-06- 04-06- 04-06- 04-06- 04-06- 04-06- 04-06- 04-06- 04-06- 04-06- 04-06- 04-06- 04-06- 04-06- 04-06- 04-06- 04-06- 04-06- 04-07- 04 G:17 G:19 G:17 G:19 G:17 G:19 NNW G:17 G:19 G:17 G:19 G:19

> G:11 G:11 G:11 G:13 G:26 G:29 G:29 G:28 See slides below for more info on winds.

G:19

G:19 G:19

G:19

G:19

G:26 G:26 G:27 G:27 G:27 G:26

G:27 G:27 G:28 G:29

G:27

G:27 G:27 G:29

ENE

ENE

G:19 N

G:19 G:19 G:17 G:16 G:14 G:12 G:12 G:10 G:10 G:11 G:15

G:29

SE ESE

NE

G:19 G:18 G:16 G:14 G:13 G:12

G:19 G:18 G:17 G:15 G:13 G:12

Houston Pilots Extended Range Visibility Report





Saturday, 4/9/22

Continuing to not favor fog on Saturday with dry air persisting in the region.

Sunday, 4/10/22

Not favoring fog on Sunday with elevated winds and drier air.

Confidence

Above Normal **Below Normal** Above Normal Relow Normal

Monday, 4/11/22

Currently not anticipating fog on Monday with elevated winds.

Confidence

Above Normal Below Normal

Daily Fog Chance Saturday AM Sunday AM Monday AM Unlikely Unlikely

Houston Pilots Visibility Report

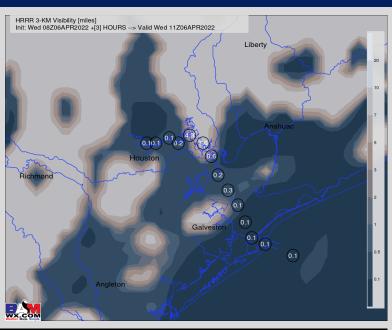


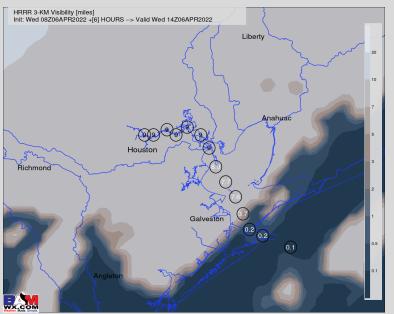


5 AM WED Visibility (miles)

9 AM WED Visibility (miles)

Confidence







Reduced Visibility Threat

Current – 10-11 AM WED Medium

- > Expecting patchy, dense fog to continue over the area for the next few hours before a cold front lifts the fog.
- Northern half of stations will first lift the fog, likely relaxing in the 8-9 AM window, with the southern half of stations relaxing any fog in the 10-11 AM window.
- The boarding station is likely the last to get rid of any fog and this threat is likely fully gone by ~11 AM (if the cold front slows any, this threat could linger by 1 hour).

Houston Pilots: Wed. 4/6/2022





Forecast Discussion

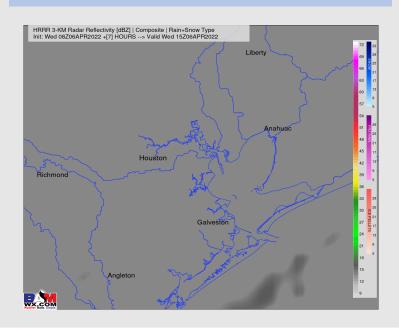
Precip: Outside of a 10% stray sprinkle with the passing of a front in the 7-10 AM window, drier conditions are favored.

Wind: Sustained winds are 10-15 MPH the next few hours out of the SSW. With the passing of the front and by 12-2 PM, winds are out of the NNW. They increase to 18-23 MPH by ~4 PM with gusts to 23-28 MPH possible. Winds beyond 6 PM are sustained 20-25 MPH sustained with gusts 25-30.

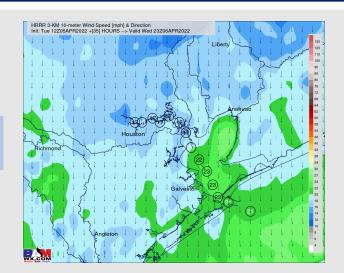
Temps: High temps look to be in the low to mid 80s F.

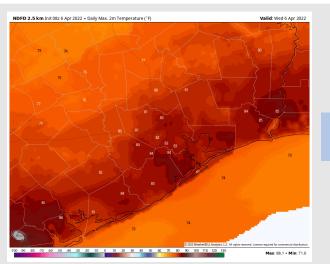
Visibility: See slide above for more info on reduced visibility/fog this morning.

Precip Forecast: 10 AM CT



Wind Gusts 6 PM CT





High Temps Wednesday

Houston Pilots: Thu. 4/7/2022



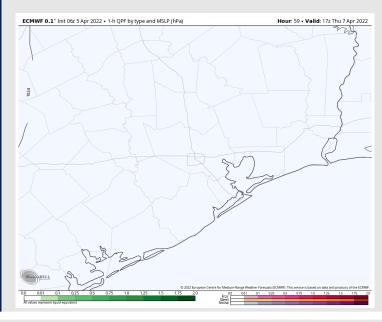


Forecast Discussion

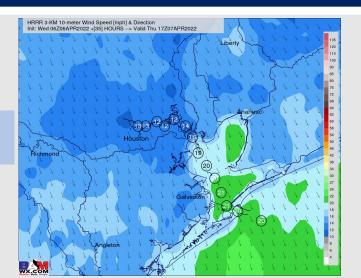
Precip: Anticipating dry conditions on Thursday. Wind: Sustained winds are 20-25 MPH out of the north with gusts 25-30 MPH into Thursday morning and continue to decrease further into the AM. Sustained winds are 15-20 MPH by 6-7 AM with gusts 20-25 MPH and look to continue like this through the rest of the day. Winds veer more out of the NNW into the PM hours.

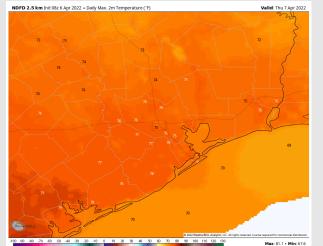
Temps: Highs on Thursday look to sit in the mid 70s F. Visibility: Not anticipating fog on Thursday.

Precip Forecast: 12 PM CT



Wind Speed 5 PM CT





High Temps Thursday

Houston Pilots: Fri. 4/8/2022





Forecast Discussion

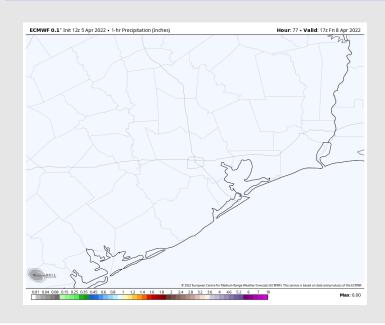
Precip: Anticipating dry conditions to continue Friday.

Wind: Sustained winds are 5-10 MPH out of the NW into Friday morning. By 9-10 AM, sustained winds look to increase to 10-15 MPH for the rest of the day with gusts to 15-20 MPH possible. Winds then weaken by sundown.

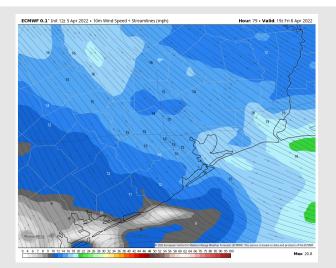
Temps: Highs on Friday look to sit in the mid 70s F.

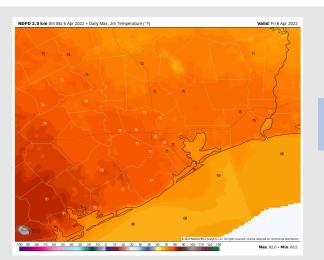
Visibility: Not anticipating fog on Friday.

Precip Forecast: 12 PM CT



Wind Speed: 2 PM CT



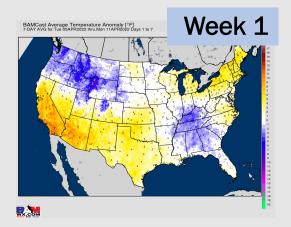


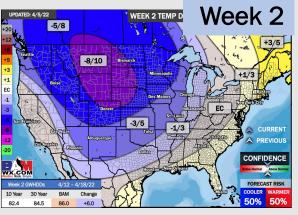
High Temps Friday

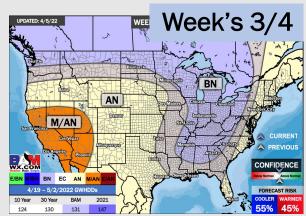
Houston Pilots: 4/6/22

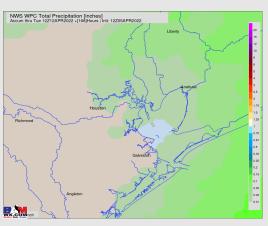


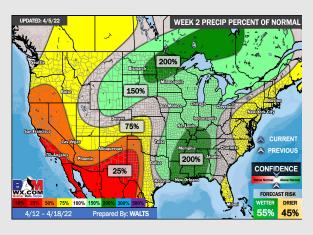


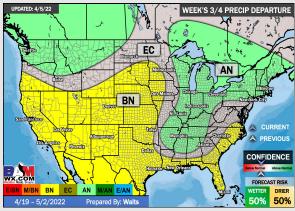












- Anticipating dry conditions for at least the next several days. Temps average out slightly above normal this week.
- Week 2 likely features near normal temperature risks with near normal to slightly above normal precipitation risks.
- The weeks 3/4 timeframe looks to feature slightly above normal risks for temperatures and below normal precipitation risks.