Houston Pilots Forecast Package

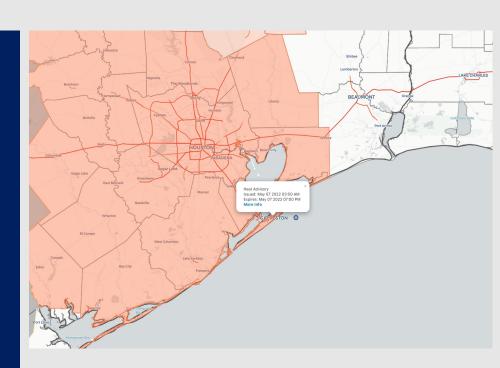
Update: 4:10 AM CT

Saturday, May 7, 2022

Forecaster: Carolina Cardona

Weather Headlines

- Minor Fog Potential this AM.
- The pattern is rather dry over the next week.
- Southerly flow (sometimes varying to SW/SE) will be likely over the next week.
- Temps look to continue to remain above average for the next several days.



Radar/NWS Alerts: 4:10 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	05-07- 2022 Sat 3am	05-07- 2022 Sat 4am	05-07- 2022 Sat 5am	05-07- 2022 Sat 6am	05-07- 2022 Sat 7am	05-07- 2022 Sat 8am	05-07- 2022 Sat 9am	05-07- 2022 Sat 10am	05-07- 2022 Sat 11am	05-07- 2022 Sat 12pm	05-07- 2022 Sat 1pm	05-07- 2022 Sat 2pm	05-07- 2022 Sat 3pm	05-07- 2022 Sat 4pm	05-07- 2022 Sat 5pm	05-07- 2022 Sat 6pm	05-07- 2022 Sat 7pm	05-07- 2022 Sat 8pm	05-07- 2022 Sat 9pm	05-07- 2022 Sat 10pm	05-07- 2022 Sat 11pm	05-08- 2022 Sun 12am	05-08- 2022 Sun 1am	05-08- 2022 Sun 2am	05-08- 2022 Sun 3am	05-08- 2022 Sun 4am	05-08- 2022 Sun 5am	05-08- 2022 Sun 6am	05-08- 2022 Sun 7am	05-08- 2022 Sun 8am	05-08- 2022 Sun 9am	05-08- 2022 Sun 10am	05-08- 2022 Sun 11am	05-08- 2022 Sun 12pm	05-08- 2022 Sun 1pm	05-08- 2022 Sun 2pm
Houston Pilots N - 610 Bridge	4.774	4.535	3.922	3.597	3.189	4.452	6.895	9.416	9.848	9.957	10.000	10.000	9.957	10.000	10.000	10.000	9.843	9.351	9.879	8.723	7.566	7.343	6.820	5.983	5.620	5.288	4.788	4.556	3.462	3.852	5.857	7.514	8.860	10.000	10.000	10.000
Houston Pilots M - Kinder 1	4.702	4.466	3.871	3.489	3.065	4.483	6.945	9.643	9.945	10.000	10.000	10.000	10.000	10.000	10.000	10.000	9.959	9.590	9.978	8.644	7.529	7.280	6.769	5.901	5.567	5.261	4.726	4.513	3.411	3.813	5.804	7.478	8.841	10.000	10.000	10.000
Houston Pilots L - Greens Bayou	4.627	4.380	3.813	3.353	2.882	4.580	7.044	9.970	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	9.958	10.000	8.595	7.582	7.282	6.793	5.890	5.566	5.317	4.731	4.534	3.437	3.845	5.834	7.539	8.915	10.000	10.000	10.000
Houston Pilots K - Shell Crude	4.461	4.212	3.715	3.180	2.709	4.465	6.934	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	8.308	7.415	7.124	6.675	5.725	5.417	5.218	4.658	4.502	3.416	3.835	5.715	7.369	8.716	9.990	10.000	10.000
Houston Pilots J - Lynchburg Ferries	4.518	4.149	3.761	3.263	2.701	4.569	6.968	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	8.390	7.495	7.177	6.767	5.828	5.454	5.267	4.751	4.537	3.443	3.921	5.827	7.506	8.885	10.000	10.000	10.000
Houston Pilots I - Exxon 3	4.440	3.988	3.729	3.236	2.631	4.393	6.883	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	9.930	9.922	8.110	7.441	7.195	6.875	5.927	5.505	5.399	4.959	4.823	3.870	4.201	5.966	7.424	8.635	9.855	10.000	10.000
Houston Pilots H - Morgans Point	4.418	4.053	3.696	3.308	2.569	4.196	6.884	10.000	10.000	10.000	10.000	10.000	9.915	9.860	10.000	10.000	9.881	9.723	9.715	8.061	7.652	7.479	7.238	6.486	5.953	5.994	5.620	5.673	4.956	4.915	6.515	7.647	8.579	9.643	10.000	10.000
Houston Pilots G - 75/76	4.478	4.256	3.717	3.476	2.519	4.006	6.884	10.000	10.000	10.000	10.000	10.000	9.674	9.598	10.000	10.000	9.607	9.507	9.472	8.172	8.031	7.854	7.628	7.124	6.552	6.728	6.402	6.649	6.090	5.668	7.114	8.031	8.511	9.300	10.000	10.000
Houston Pilots F - 63/64	4.729	4.528	3.956	3.780	2.543	4.064	6.905	10.000	10.000	10.000	10.000	10.000	9.472	9.372	10.000	10.000	9.374	9.335	9.295	8.484	8.352	8.177	8.126	7.814	7.123	7.318	7.227	7.399	7.009	6.507	7.734	8.363	8.640	9.121	10.000	10.000
Houston Pilots E - 51/52	5.111	4.834	4.298	4.153	2.574	4.126	7.015	10.000	10.000	10.000	10.000	10.000	9.290	9.128	10.000	10.000	9.287	9.267	9.216	8.658	8.532	8.361	8.369	8.093	7.417	7.446	7.514	7.551	7.227	6.782	7.803	8.470	8.668	9.110	10.000	10.000
Houston Pilots D - 37/38	5.519	5.400	4.888	4.487	2.411	4.251	7.150	9.973	10.000	10.000	10.000	10.000	9.136	8.842	9.768	9.942	9.354	9.327	9.209	8.688	8.618	8.324	8.287	7.922	7.181	6.862	7.040	6.809	6.505	6.188	7.353	8.326	8.568	9.214	9.504	9.522
Houston Pilots C - 25/26	5.859	5.957	5.542	4.460	2.063	4.319	7.123	9.769	10.000	10.000	9.972	9.485	8.690	8.365	9.119	9.599	9.283	9.270	9.149	8.799	8.772	8.439	8.355	7.849	6.440	5.710	6.026	5.671	5.519	5.289	7.205	8.433	8.656	9.246	9.319	9.319
Houston Pilots B - 11/12	5.966	6.161	5.920	4.281	1.701	4.074	6.842	9.469	10.000	10.000	9.750	8.849	8.099	7.684	8.433	9.072	9.124	9.165	9.033	8.910	8.748	8.641	8.552	7.953	6.289	5.273	5.507	5.232	5.107	4.934	7.225	8.634	8.761	9.209	9.222	9.222
Houston Pilots A - 1 & 2 Bravo	5.895	6.172	6.345	3.693	1.246	3.249	6.490	8.727	10.000	10.000	9.079	7.457	7.101	6.635	7.163	7.895	8.905	9.015	8.988	8.972	8.928	8.952	8.891	8.453	7.038	5.444	4.813	4.753	4.636	4.539	7.013	8.909	8.969	9.072	9.059	9.072

See slide below for more info on reduced visibility Saturday AM.

Houston Pilots Wind Report







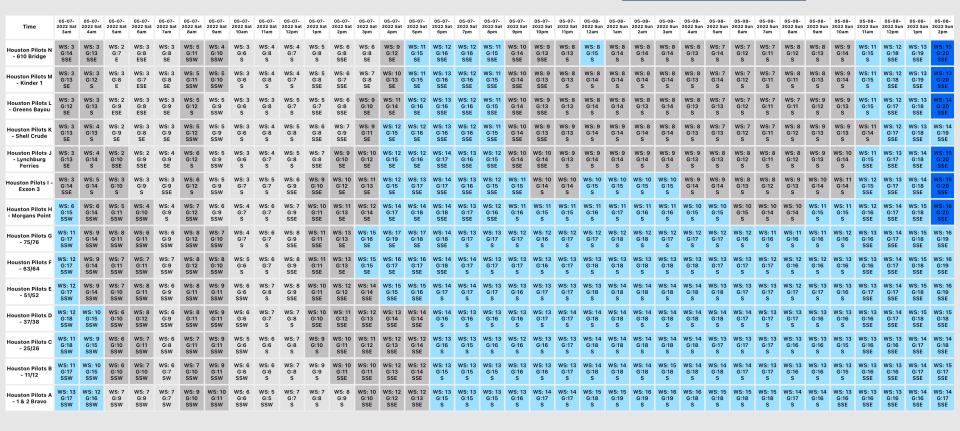
Sustained wind 13 MPH

Gusts 18 MPH

WS: 13

G:18

N



Houston Pilots Extended Range Visibility Report





Tuesday, 5/10/22

Reduced visibility looks to be possible with onshore flow, however the signal for fog is weak.

Wednesday, 5/11/22

Not anticipating fog on Wednesday with drier air.

Confidence

Above Normal

Below Normal

Thursday, 5/12/22

Currently not favoring fog on Thursday.

Confidence

Above Normal

Below Normal



Tuesday AM Wednesday AM Unlikely Thursday AM Unlikely Unlikely

Houston Pilots Visibility Report

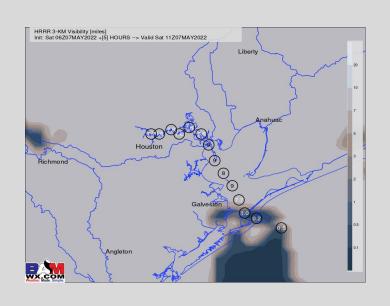


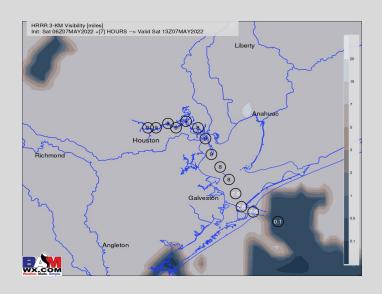


6 AM CT SAT VISIBILITY

8 AM CT SAT VISIBILITY

Confidence







Reduced Visibility Threat

NOW ~ 9 AM SATURDAY

Low

- We continue to eye some patchy fog this AM. Mainly for stations, mainly for stations A, B, and C.
- It may be difficult for visibilities to drop below 1 mile this AM. However, this cannot be ruled out for brief moments. Some mist may mix in the area this AM as well.
- Potential will really start to drop off as the sun rises this AM.

Houston Pilots: Sat. 5/7/2022





Forecast Discussion

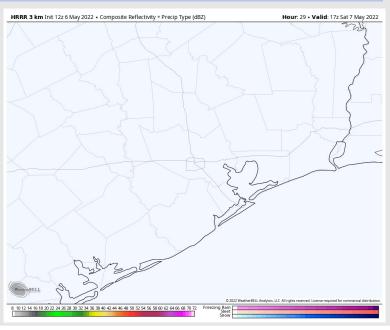
Precip: Saturday will be a dry day.

Wind: Winds Saturday morning look to be 8-13 MPH out of the SSW, and closer to 10-15 MPH out of the south for the second half of the day with a few gusts to 20 MPH.

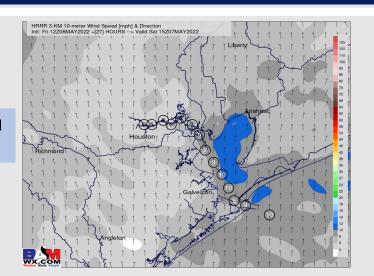
Temps: Highs will reach into the upper 80s / lower 90s around the area (warmer inland).

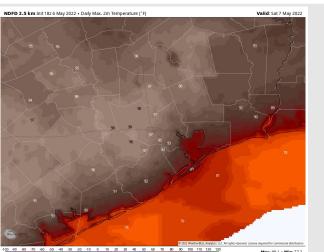
Visibility: See slide above for more info on reduced visibility potential Saturday morning.

Precip Forecast: 12 PM CT



Wind Speed 10 AM CT





High Temps Saturday

Houston Pilots: Sun. 5/8/2022





Forecast Discussion

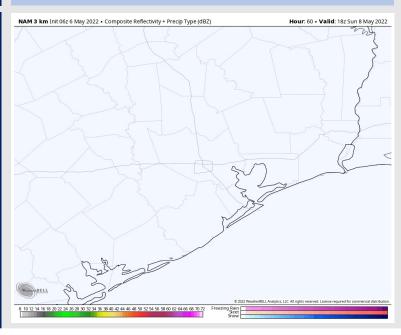
Precip: Sunday is favored to be a dry day.

Wind: Winds much of the day will be coming from the S at 10-15 MPH sustained with gusts 15-20 MPH.

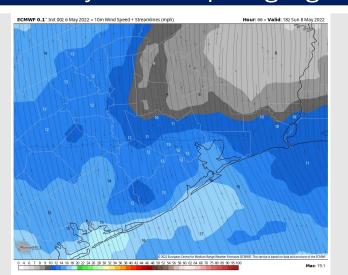
Temps: Sunday's highs will be in the mid to upper 80s for much of the Galveston Bay areas, mid to upper 90s for HOU metro and points NW for Sunday.

Visibility: Currently not anticipating fog SUN AM.

Precip Forecast: 12 PM CT



Wind Speed: 1 PM CT





High Temps Sunday

Houston Pilots: Mon. 5/9/2022





Forecast Discussion

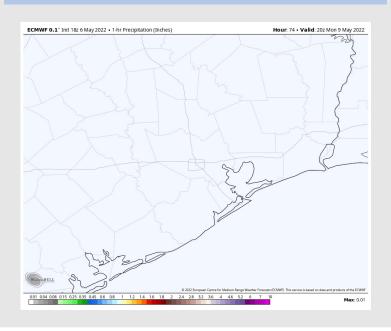
Precip: Dry conditions are favored to continue Monday.

Wind: Winds look to be 15-20 MPH out of the SW/SSW for most of the day on Monday with gusts to 28 MPH possible.

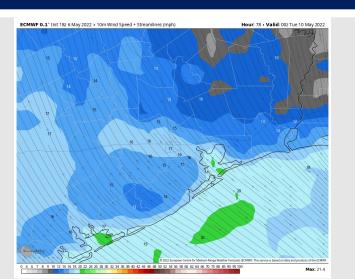
Temps: High temps on Monday reach the mid to upper 80s F for the stations, low 90s F towards Hou metro area.

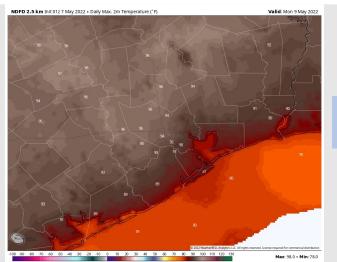
Visibility: Currently not anticipating fog on Monday.

Precip Forecast: 3 PM CT



Wind Speed: 7 PM CT



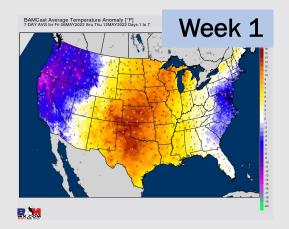


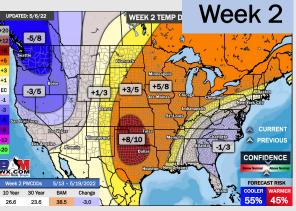
High Temps Monday

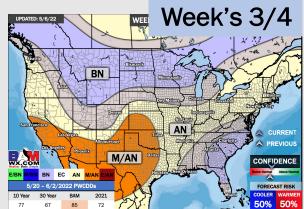
Houston Pilots: 5/7/22

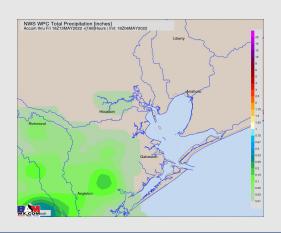


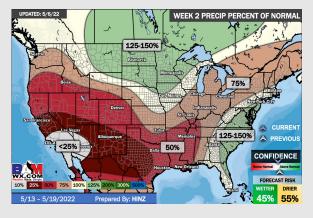


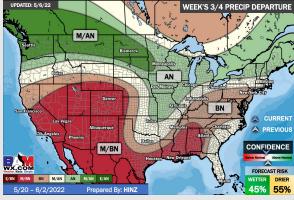












- Anticipating overall dry conditions for this week. Temps continue to average out above normal this week.
- Much below normal precipitation is favored for the week 2 timeframe. Temperatures to continue to run above normal for the weeks 2 timeframe.
- Continue to anticipate the best storm threat to stay north of the HOU area. This will keep temperatures up and moisture risks at below normal for the weeks 3/4.