Houston Pilots Forecast Package

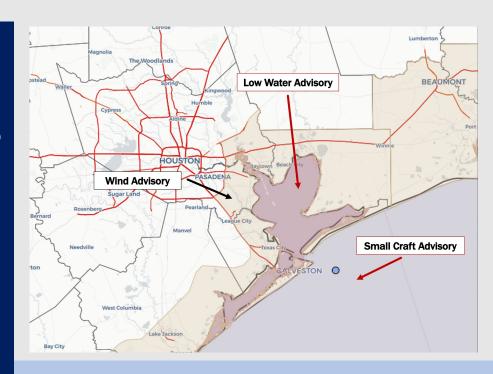
Updated: 1:00 PM CT

Thursday, January 20, 2022

Forecaster: Vince Bryan

Weather Headlines

- Winds will continue to remain rather strong out through Saturday AM. These strong winds are leading to multiple advisories as shown to the right.
- Temps tomorrow AM drop to the mid/upper 30s.
- Fog is not favored the next several days given elevated winds + unfavorable direction.
- Next shot of rain looking to come into the area Monday afternoon.



Radar/ NWS Alerts: 1:00 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







| Time | 2022 Thu 12pm | 2022 Thu 1pm | 2022 Thu 2pm | 2022 Thu 3pm | 2022 Thu 4pm | 2022 Thu 5pm | 2022 Thu 6pm | 2022 Thu 7pm | 2022 Thu 8pm | 2022 Thu 9pm | 2022 Thu 10pm | 2022 Thu 11pm | 2022 Fri 12am | 2022 Fri 1am | 2022 Fri 2am | 2022 Fri 3am | 2022 Fri 4am | 2022 Fri 5am | 2022 Fri 6am | 2022 Fri 7am | 2022 Fri 8am | 2022 Fri 9am | 2022 Fri 10am | 2022 Fri 11am | 2022 Fri 12pm | 2022 Fri 1pm | 2022 Fri 2pm | 2022 Fri 3pm | 2022 Fri 4pm | 2022 Fri 5pm | 2022 Fri 6pm | 2022 Fri 7pm | 2022 Fri 8pm | 2022 Fri 9pm | 2022 Fri 10pm | 2022 Fri 11pm |
|--------------------------------------|------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|------------------|------------------|------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|------------------|------------------|------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|------------------|------------------|
| Houston Pilots N - 610 Bridge | 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 | 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 M - Kinder 1 | 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 | 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 | 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 | 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 | 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 | 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 | 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 | 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 | 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 | 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 | 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 | 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 | 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 | 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 | 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 | 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 | 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 | 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 | 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 | 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 | 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 | 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 | 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 | 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 | 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 | 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 Extended Range Visibility Report





Sunday, 1/23/22

Not anticipating fog on Sunday.

Monday, 1/24/22

With a weak NE flow, currently not anticipating fog for our stations on Monday.

Confidence

Above Below Normal Normal

Confidence

Above Below Normal Normal

Tuesday, 1/25/22

Winds continue to stay in unfavorable directions for fog.

| Daily Fog Chance | | | | | | | | |
|------------------|----------|--|--|--|--|--|--|--|
| Sunday AM | Unlikely | | | | | | | |
| Monday AM | Unlikely | | | | | | | |
| Tuesday AM | Unlikely | | | | | | | |

Confidence

Above Below Normal Normal

Houston Pilots: Thu. 1/20/2022





Forecast Discussion

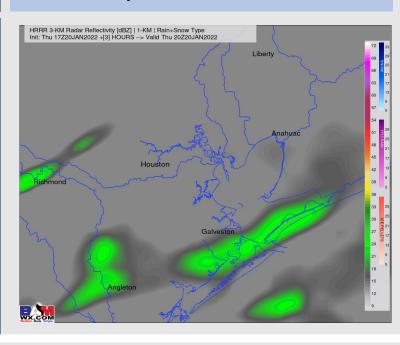
Precip: Favoring for the wave of precip to creep into the area in the 1-2 PM timeframe. Precipitation this afternoon and evening looks to stay on the lighter side. While not favored, a very brief period of a wintry mix cannot be ruled out late tonight. Rain showers in and on and off will stick around out through midnight.

Wind: Sustained winds look to continue 25-30 MPH out of the NNE. Gusts 30-35 MPH still possible at the boarding station (iso gusts to 40 MPH possible). After sundown, sustained winds look to be closer to 20-25 MPH with gusts 25-30 MPH at the boarding station through midnight.

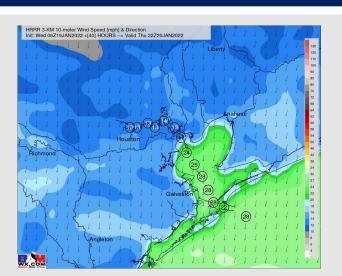
Temps: Lows look to fall into the mid 30sby tomorrow morning.

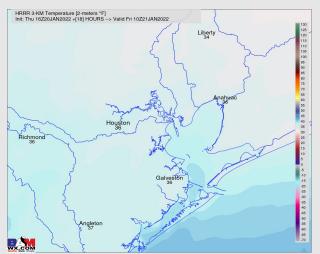
Visibility: Not anticipating fog for our stations today.

Precip Forecast: 4 PM CT



Wind Speed: 5 PM CT





Temps 3 AM CT FRI

Houston Pilots: Fri. 1/21/2022





Forecast Discussion

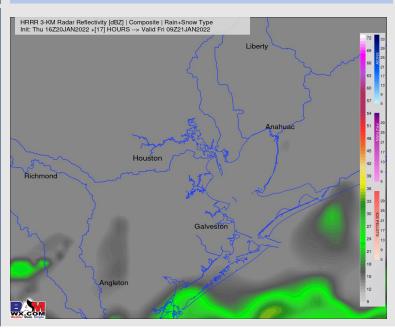
Precip: A light shower or two will be possible just after midnight into the pre-dawn hours of Friday, however most precip after sunrise Friday AM looks to slide just to the south of our stations. Anticipating overall dry conditions for our stations on Fri late morning into the afternoon hours.

Wind: Winds slowly weaken on the day Friday. Sustained winds look to be 20-25 MPH out of the NNE with gusts 25-30 MPH possible at the boarding station for most of the pre-dawn hours. By around 8 AM, sustained winds look to be 15-20 MPH out of the NE with gusts 20-25 MPH at the boarding station through the rest of the day.

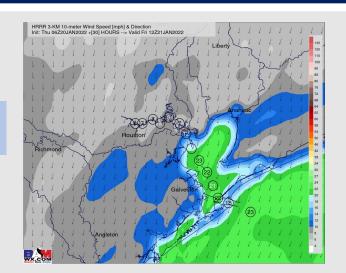
Temps: High Temps Friday look to only get into the upper 40s F.

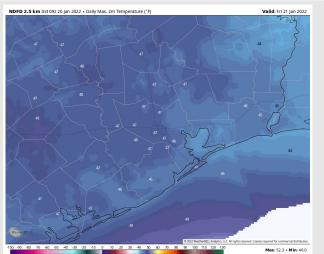
Visibility: Not anticipating fog Friday.

Precip Forecast: 3 AM CT



Wind Speed 8 AM CT





High Temps Friday

Houston Pilots: Sat. 1/22/2022





Forecast Discussion

Precip: Saturday is favored to stay quiet around the area.

Wind: Winds out through Noon look to be 15-20 MPH (gusts 20—25), before turning 8-13 MPH sustained for the rest of the day out of the NE (gusts 13-18).

Temps: Saturday likely tops out in the lower 50s.

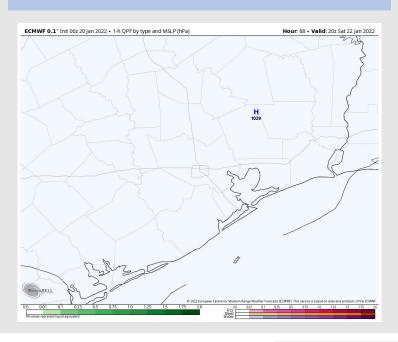
Visibility: No fog expected Saturday.

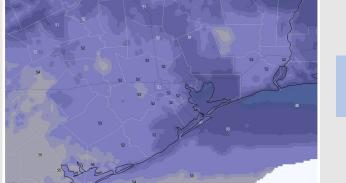
Wind Speed

9 AM CT

ECMWE 0.1* Int. 002 20 Jan 2022 - 10m Wind Speed - Streamlines (mph) Hour 63 - Valid: 132 sat 22 Jan 2022

Precip Forecast: 4 PM CT



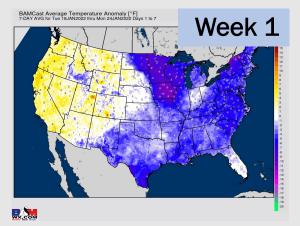


High Temps Saturday

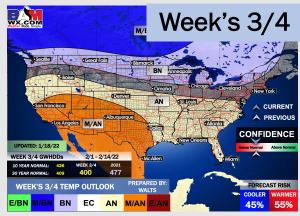
Houston Pilots: 1/20/22

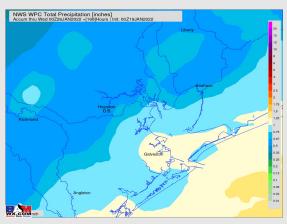


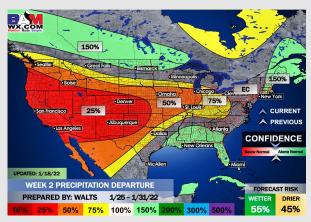


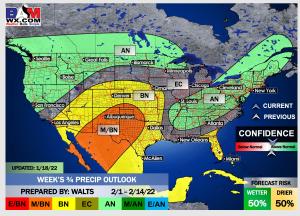












- Showers/thunderstorms anticipated Wed PM into Thu AM with the upcoming front. Scattered showers possible into Fri AM. Anticipating dry conditions for the next several day after this period.
- The week 2 timeframe is expected to have slightly below normal temperatures with near normal to slightly above normal risks for precip.
- Right now, we are favoring above normal risks for temperatures and slightly below normal risks for precip for the weeks 3 and 4 timeframe.