

Houston Pilots Forecast Package



Updated: 4:45 AM CT

Saturday, December 11, 2021

Forecaster: Matt Griffin

Weather Headlines

- Cold front moves through this morning that could produce a stronger wind gusts (best severe potential look NE).
- As cold front passes, winds pick up from the north through Sun AM.
- Keeping an eye on Mon AM for next best chance for fog. Exact specifics will need fine tuned



Radar/ NWS Alerts: 4:40 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 Extended Range Visibility Report



Tuesday, 12/13/21

Data is trying to hint at fog around the Hou area for Tue AM, light southeasterly winds would aid in this potential



Wednesday, 12/14/21

Similar to Tuesday, Wednesday shows the potential for fog and SE winds would aid in fog development.



Thursday, 12/15/21

Winds seem a little elevated in the early Thu AM hours, however, they calm down as we go further in the AM, keeping an eye on Thu for fog.



Daily Fog Chance

Tuesday AM	Possible
Wednesday AM	Possible
Thursday AM	Possible

Houston Pilots: Sat. 12/11/2021



Forecast Discussion

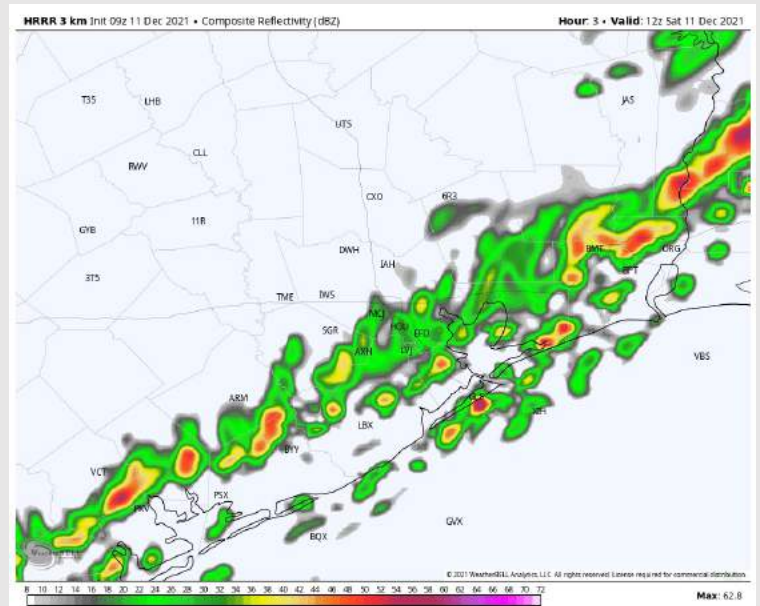
Precip: A broken line of thunderstorms has developed west of the HOU area this morning. The greatest strong storm potential looks to remain to the north/ east. However a few gusts of 30 + MPH cannot be ruled out as this passes through the area. This looks to come through the area mainly in the 5 AM – 7 AM window. Lightning and heavy downpours will be possible with this as well. Late into the morning through about 6 PM, additional scattered showers (20 – 30% in coverage) will be possible as well.

Wind: SW winds early this AM quickly give way to N winds as the cold front passes. Winds will be on the uptick as well, especially from 6 AM – 9 AM, where winds will be from the north sustained around 15 – 25 MPH (at times approaching 30 MPH sustained over open waters). Will also need to watch for gusts at times through about 1 PM around 40 – 45 MPH over open waters. Winds likely remain in the 15 – 25 MPH range for the remainder of the daylight hours today with a gradual weakening through the overnight. Gusts in the PM of 30 - 35 mph will be possible in the afternoon before this potential wanes into the overnight. However, winds around midnight should continue to remain a bit elevated, sustained around 10 – 20 MPH.

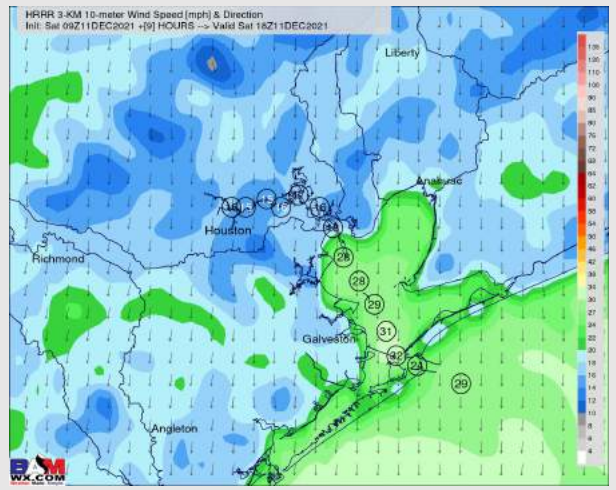
Temps: High temperatures Saturday look to be in the mid to upper 60s F.

Visibility: Currently not anticipating fog at our stations for Sat AM, briefly reduced visibility will be possible under a heavier storm as the front passes through.

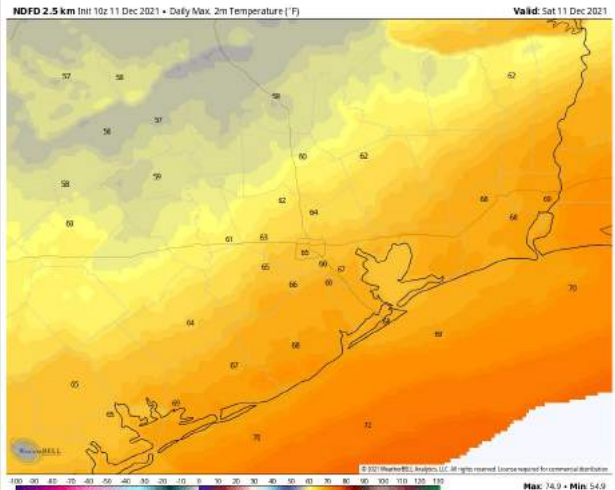
Precip Forecast: 6 AM CT



Wind Speed
12 PM CT



High Temps
Saturday



Houston Pilots: *Sun. 12/12/2021*



Forecast Discussion

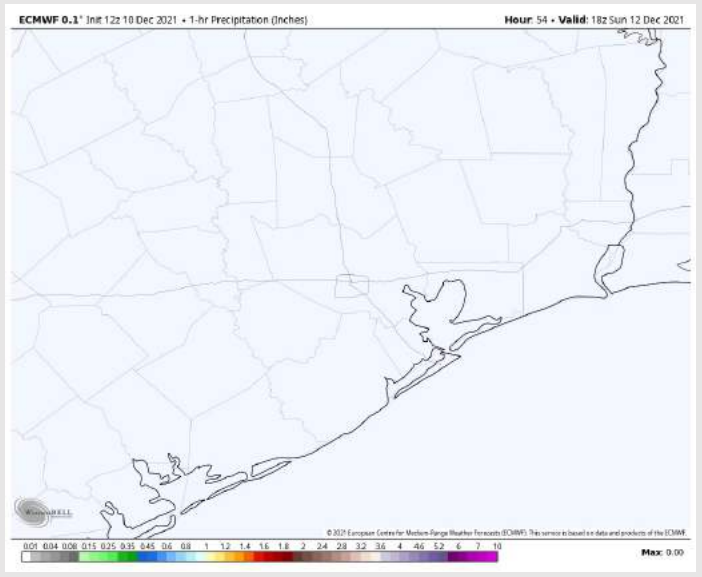
Precip: Dry conditions are anticipated for our stations on Sun.

Wind: Sustained winds in the early AM hours on Sun look to be 10-20 MPH out of the NE with gusts 20-25 MPH possible at the boarding station through about the 9-10 AM timeframe when winds calm to 8-13 MPH by about the noon timeframe as winds continue to shift more out of the ENE. Sustained winds continue 8-13 MPH with gusts 13-18 MPH through nighttime and out of the east.

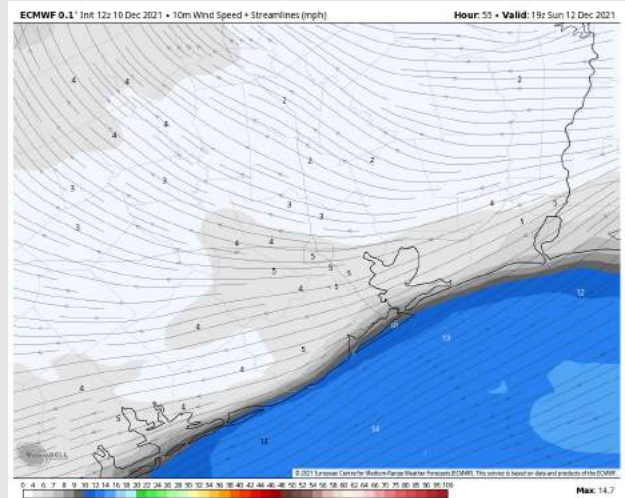
Temps: High Temperatures on Sun look to only get into the low 60s F.

Visibility: Currently not anticipating fog for Sun, elevated winds out of the NE would inhibit the potential.

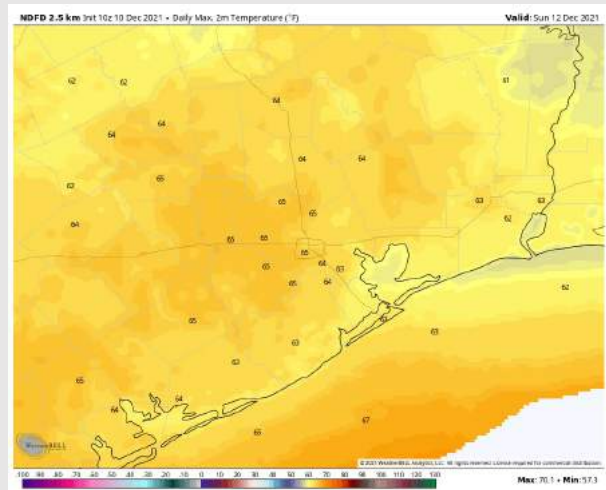
Precip Forecast: 12 PM CT



Wind Speed
1 PM CT



High Temps
Sunday



Houston Pilots: Mon. 12/13/2021



Forecast Discussion

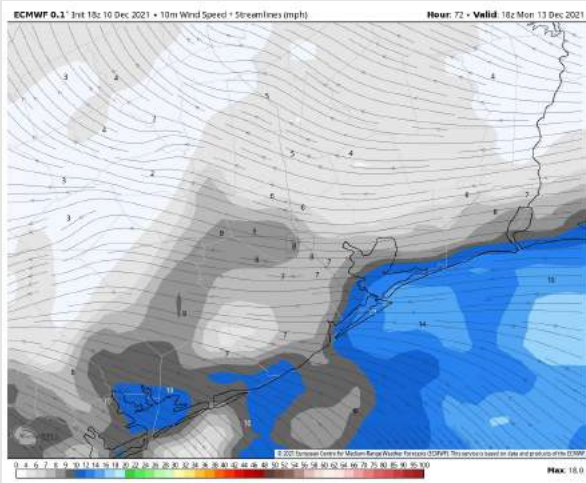
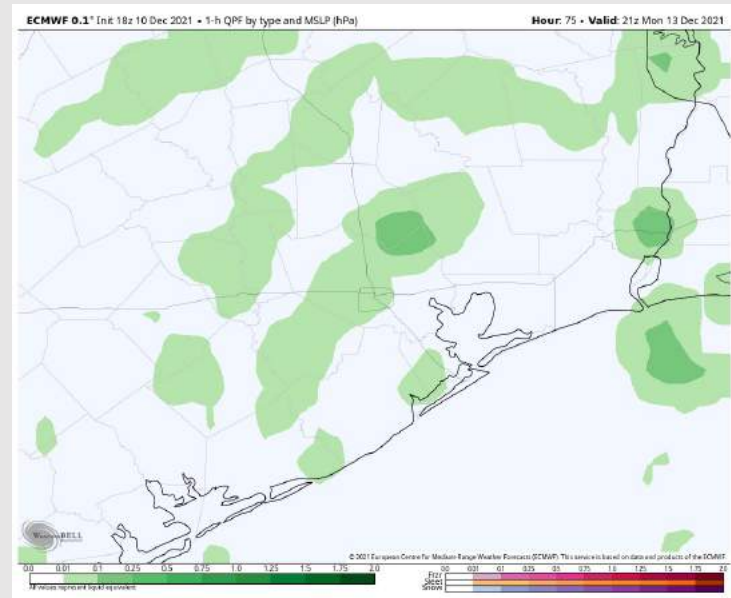
Precip: A ~30% chance of a few scattered showers in the afternoon through evening hours. Anticipating more dry time than not for our stations on Monday.

Wind: Sustained winds look to be 5-10 MPH in the early AM hours at the boarding station out of the NE. By the 8-9 AM timeframe, sustained winds pick up to 10-15 MPH with gusts 15-20 MPH at the boarding station. Winds continue 10-15 MPH through the rest of the day and veer to the east by noon and the SE by the sundown timeframe.

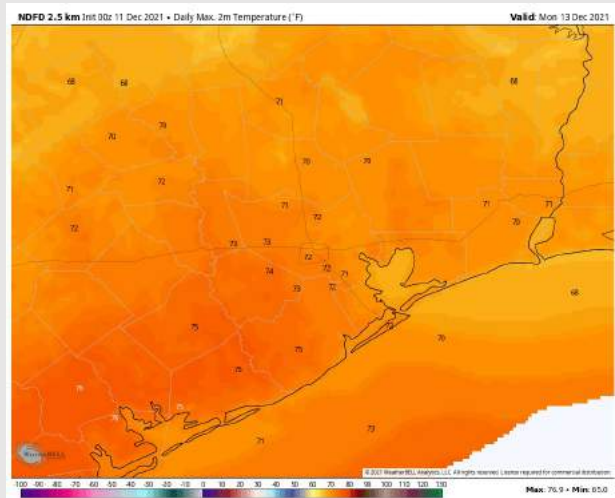
Temps: High temps on Mon look to sit in the low 70s F.

Visibility: Keeping an eye on fog potential Mon AM as ESE winds opens up the door for this potential. However, there is no clear cut signal in the data for lower visibilities. We will continue to monitor.

Precip Forecast: 3 PM CT

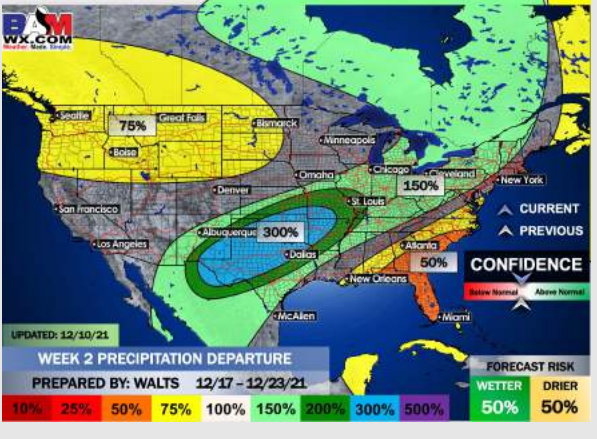
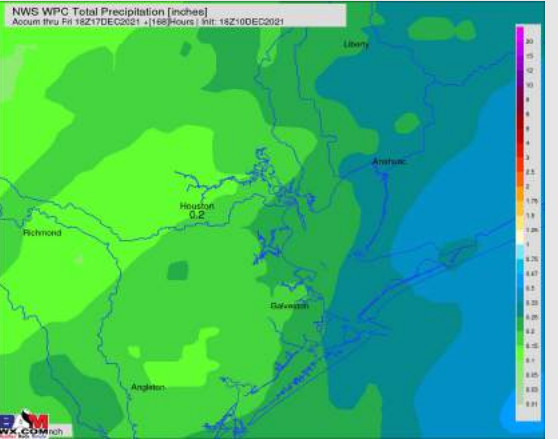
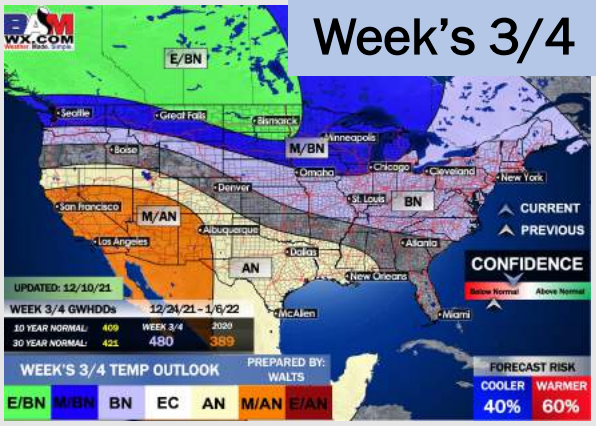
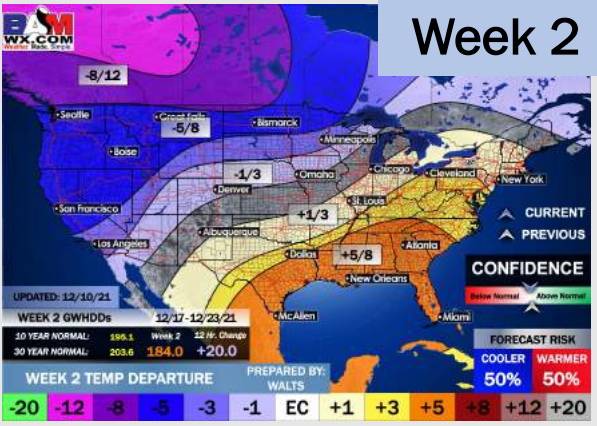
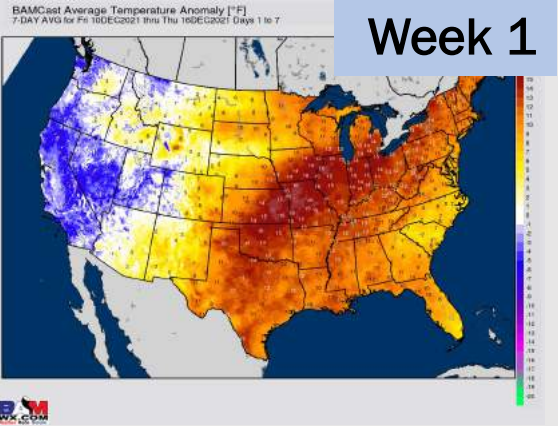


Wind Speed:
12 PM CT



High Temps
Monday

Houston Pilots: 12/11/21



- After the passage of the front Sat AM, anticipating quiet conditions for the rest of the weekend and for the upcoming week. Temps remain above normal for this week.
- The week 2 timeframe is expected to have above normal temperatures and near normal to slightly above normal risks for precip.
- Right now, we are favoring slightly above normal risks for temperatures and near normal to slightly below normal risks for precip for the end of December and the first week of Jan.