

**Updated: 5:00 AM CT, Wednesday, October 20, 2021**

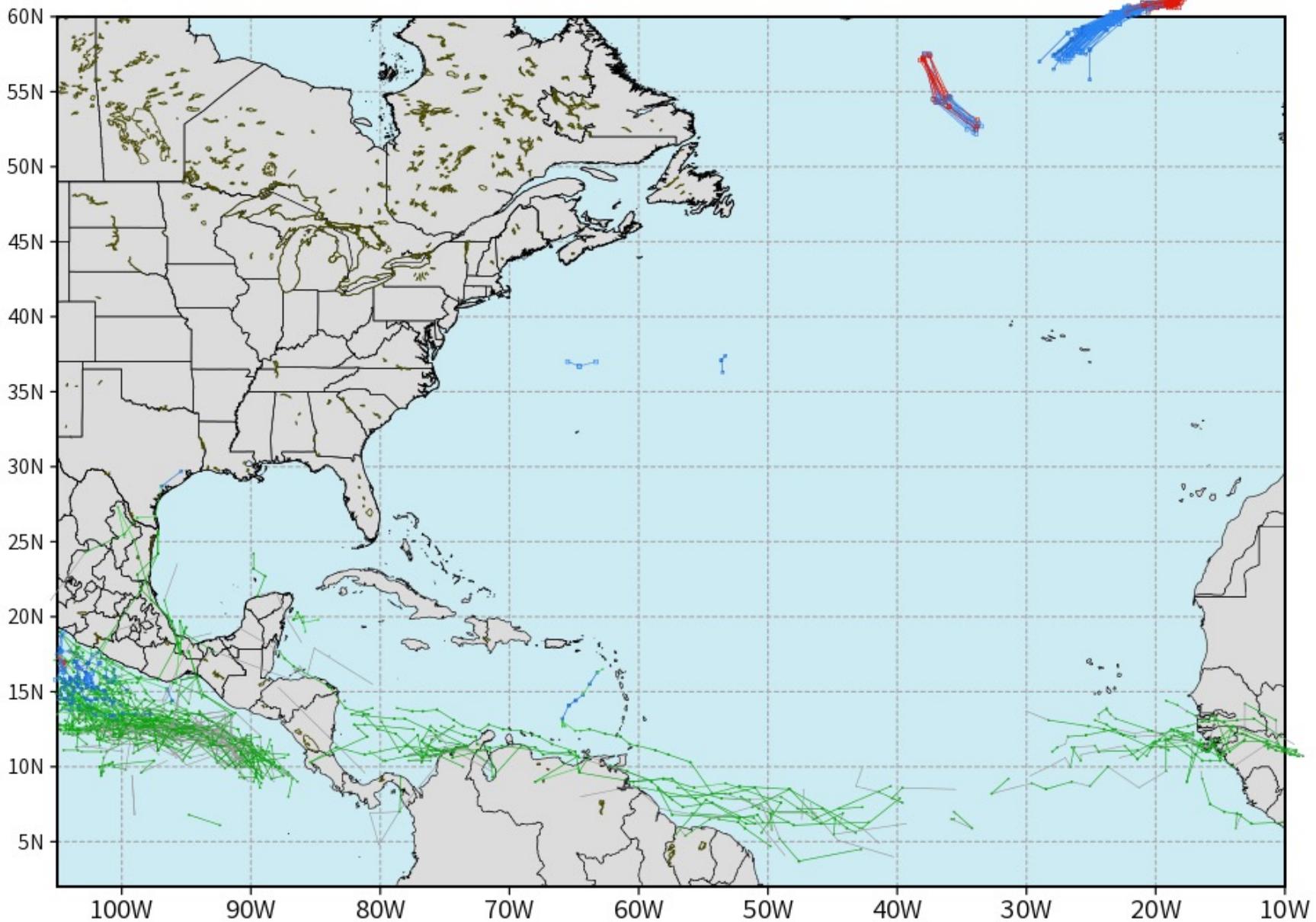
- **As always, please do not hesitate to reach out to us with any forecast questions via the chat option on the Weather Porthole or our on-call number, **(317)-560-8122** press 1 for forecast questions.**

# Tropical Update:

## European Ensemble 10-days Tracks

ECMWF ATLANTIC EPS Cyclone Locations --> Next [10-days]  
INIT: 00Z19OCT2021 --> UNTIL 00Z29OCT2021

o-o ENSEMBLE MEAN  
o-o 1000 - 1010 hPa  
o-o 980 - 999 hPa  
o-o 960 - 979 hPa  
o-o 950 - 959 hPa  
o-o < 950 hPa



[weathermodels.com](http://weathermodels.com)

- We continue to favor the Gulf to remain quiet at least for the next 7-10 days.



# Visibility Report

## Wednesday, October 20, 2021

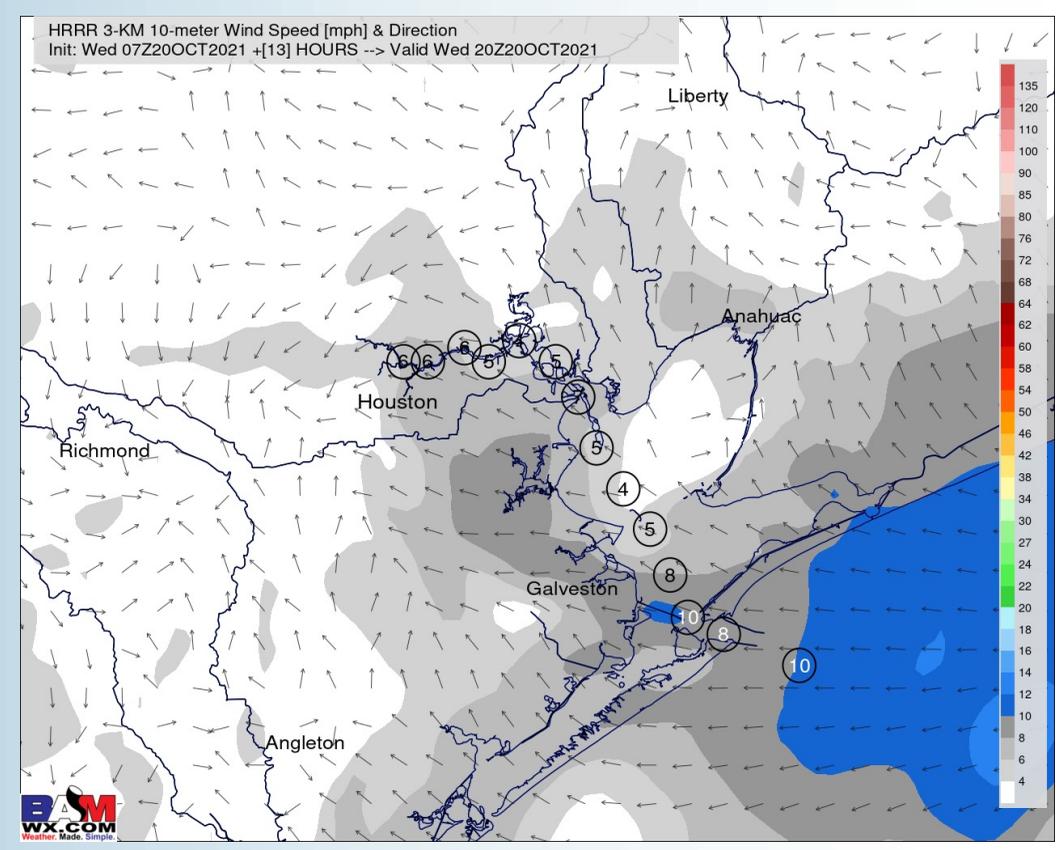
# HOURLY VISIBILITY BREAKDOWN (in miles)

Time	10-20-2021 Wed 3am	10-20-2021 Wed 4am	10-20-2021 Wed 5am	10-20-2021 Wed 6am	10-20-2021 Wed 7am	10-20-2021 Wed 8am	10-20-2021 Wed 9am	10-20-2021 Wed 10am	10-20-2021 Wed 11am	10-20-2021 Wed 12pm	10-20-2021 Wed 1pm	10-20-2021 Wed 2pm	10-20-2021 Wed 3pm	10-20-2021 Wed 4pm	10-20-2021 Wed 5pm	10-20-2021 Wed 6pm	10-20-2021 Wed 7pm	10-20-2021 Wed 8pm	10-20-2021 Wed 9pm	10-20-2021 Wed 10pm	10-20-2021 Wed 11pm	10-21-2021 Thu 12am	10-21-2021 Thu 1am	10-21-2021 Thu 2am	10-21-2021 Thu 3am	10-21-2021 Thu 4am	10-21-2021 Thu 5am	10-21-2021 Thu 6am	10-21-2021 Thu 7am	10-21-2021 Thu 8am	10-21-2021 Thu 9am	10-21-2021 Thu 10am	10-21-2021 Thu 11am	10-21-2021 Thu 12pm	10-21-2021 Thu 1pm	10-21-2021 Thu 2pm	
Houston Pilots N - 610 Bridge	10.000	10.000	9.478	8.646	8.780	8.358	8.969	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	8.988	6.964	4.931	3.897	0.477	0.477	0.477	0.239	0.239	8.988	10.000	10.000	10.000	10.000	
Houston Pilots M - Kinder 1	10.000	10.000	9.478	8.632	8.780	8.358	8.969	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	8.988	7.212	5.706	3.897	0.644	0.477	0.477	0.239	1.173	8.988	10.000	10.000	10.000	10.000	
Houston Pilots L - Greens Bayou	10.000	9.989	9.398	8.570	8.780	8.358	8.969	9.721	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	8.988	7.573	6.752	4.404	0.851	0.477	0.477	0.239	2.013	8.988	10.000	10.000	10.000	10.000	
Houston Pilots K - Shell Crude	10.000	9.917	9.295	8.452	8.780	8.358	8.835	9.626	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	8.988	8.033	8.033	6.999	1.113	0.477	0.516	0.239	3.596	8.971	10.000	10.000	10.000	10.000	
Houston Pilots J - Lynchburg Ferries	10.000	9.583	8.801	8.356	8.659	8.332	8.588	9.093	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	8.988	8.033	8.033	7.152	1.184	0.477	0.719	0.239	3.596	7.954	10.000	10.000	10.000	10.000	
Houston Pilots I - Exxon 3	9.789	9.050	8.505	8.387	8.502	8.064	8.073	8.975	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	8.988	8.033	8.033	8.033	3.899	0.704	1.865	0.413	3.596	8.378	10.000	10.000	10.000	10.000	
Houston Pilots H - Morgans Point	9.789	8.927	8.505	8.399	8.200	8.139	7.954	8.908	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	8.988	8.033	8.033	8.033	5.965	3.594	4.752	2.246	3.653	8.378	10.000	10.000	10.000	10.000	
Houston Pilots G - 75/76	9.750	9.400	8.505	8.560	8.200	8.139	7.954	9.293	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	8.988	8.033	8.033	8.033	6.676	3.594	5.663	3.500	3.653	8.378	10.000	10.000	10.000	10.000	
Houston Pilots F - 63/64	9.842	9.433	9.037	8.566	8.414	8.146	8.109	9.897	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	8.988	8.033	8.033	8.033	7.640	5.547	6.154	4.616	4.616	8.357	10.000	10.000	10.000	10.000	
Houston Pilots E - 51/52	9.881	9.567	9.410	8.566	8.635	8.407	8.697	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	8.988	8.033	8.033	8.033	7.640	6.413	5.370	4.708	4.708	8.479	10.000	10.000	10.000	10.000	
Houston Pilots D - 37/38	10.000	9.650	9.831	9.232	8.888	8.596	8.905	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	8.988	8.033	8.033	8.033	7.447	7.389	5.011	4.708	5.011	7.954	10.000	10.000	10.000	10.000	
Houston Pilots C - 25/26	10.000	9.918	10.000	9.546	9.097	8.779	8.905	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	9.710	8.033	8.033	8.033	8.033	8.033	6.368	6.106	7.412	7.954	10.000	10.000	10.000	10.000	
Houston Pilots B - 11/12	10.000	10.000	10.000	9.581	9.209	8.779	8.940	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	9.710	8.033	8.033	8.033	8.033	8.033	8.033	7.809	8.033	7.954	10.000	10.000	10.000	10.000	
Houston Pilots A - 1 & 2 Bravo	10.000	10.000	10.000	9.818	9.466	8.963	8.608	9.002	9.357	9.234	8.995	9.061	9.237	8.969	8.694	10.000	9.585	9.583	9.583	9.583	9.583	9.583	9.583	8.748	8.033	8.033	8.033	8.033	8.718	8.988	8.718	8.988	8.988	9.822	9.822	10.000	10.000

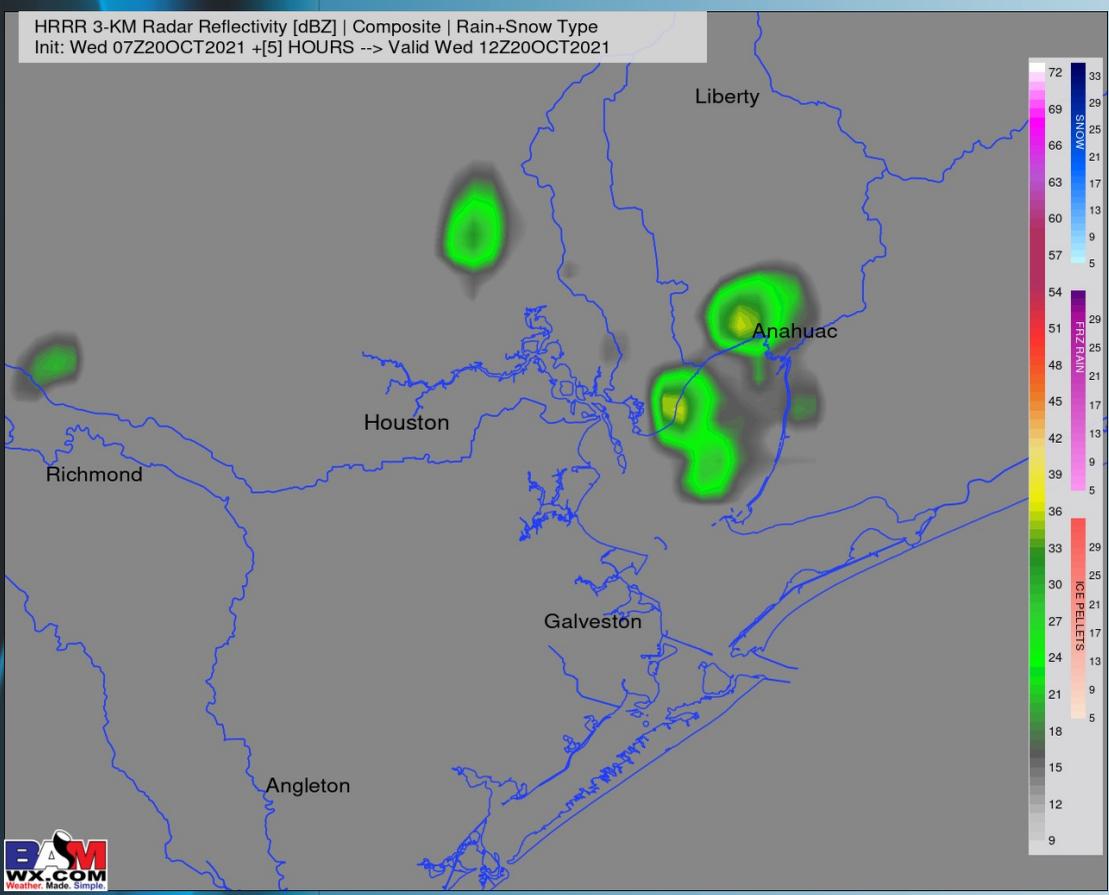
## Short-Term Forecast Discussion

- Things have sped up a bit regarding isolated shower chances for the day today. ~20-30% chances for a brief shower out through 8-9 AM before chances lower to ~10-20% through the mid-afternoon hours. No severe weather is anticipated and coverage of these AM showers looks quite spotty.
- Slightly elevated winds at 10-15 MPH sustained for the boarding station likely continue out through ~8-9 AM before calming to 8-13 MPH for the rest of the day with gusts to 15 MPH. Calmer towards the Hou metro area at 5-10 MPH are favored. Winds look to be coming out of the E for much of the day before turning more out of the ESE near ~7 PM tonight.
- Highs in the lower to mid 80s are favored for our stations.
- **Fog is not in the forecast for today.**

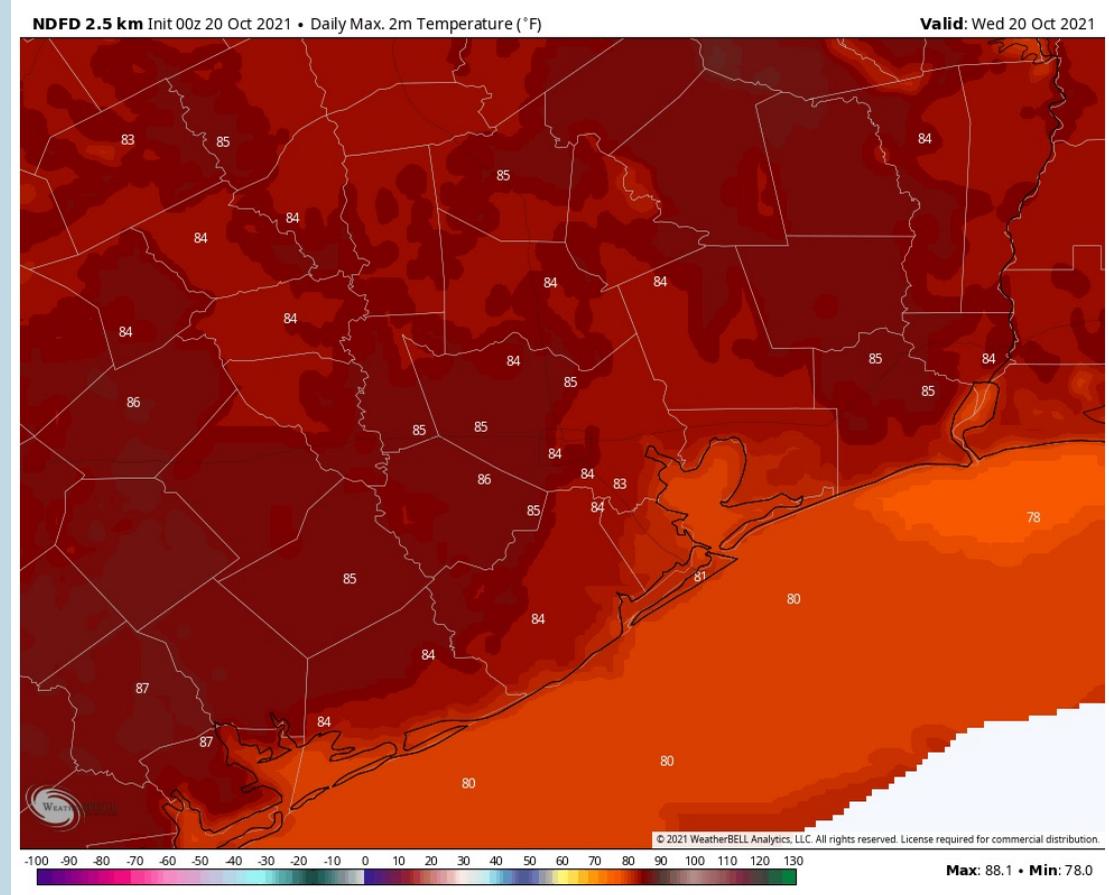
## Sustained Winds (3 PM CT)



## Simulated Radar Snapshot (9 AM CT)



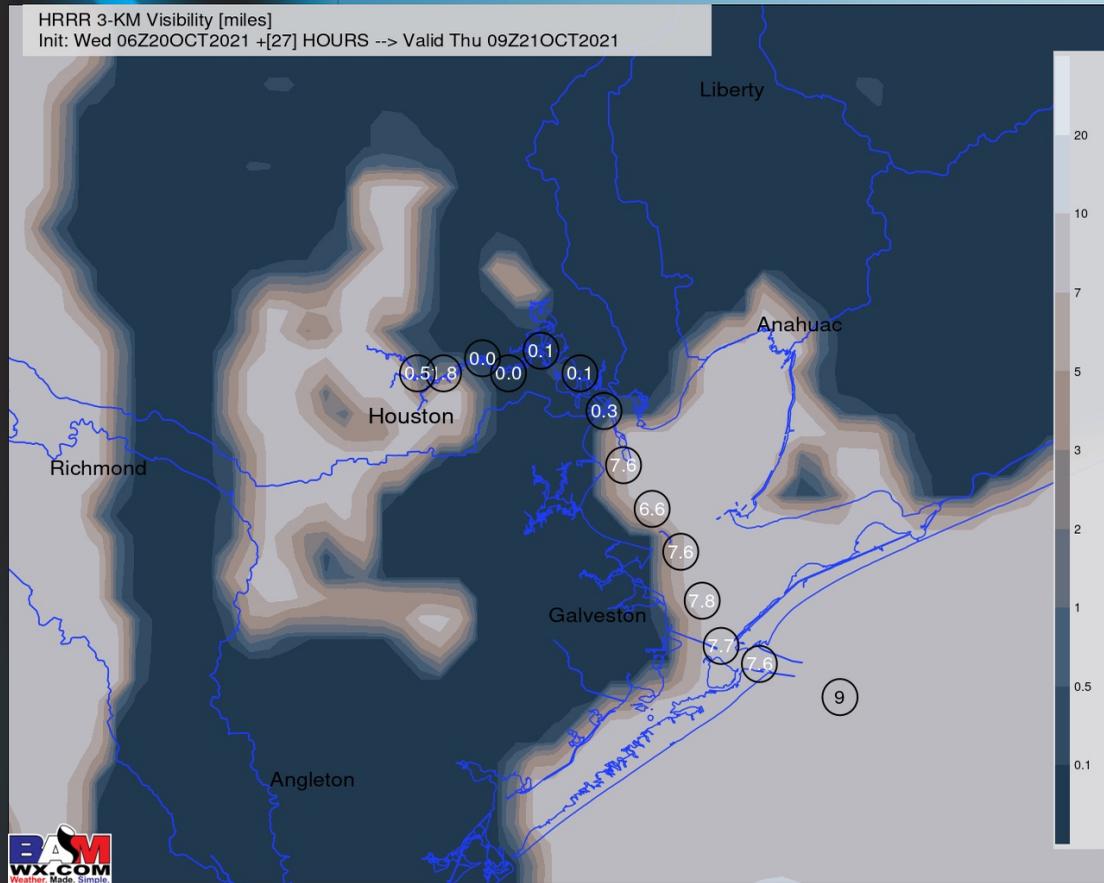
## High Temps Today



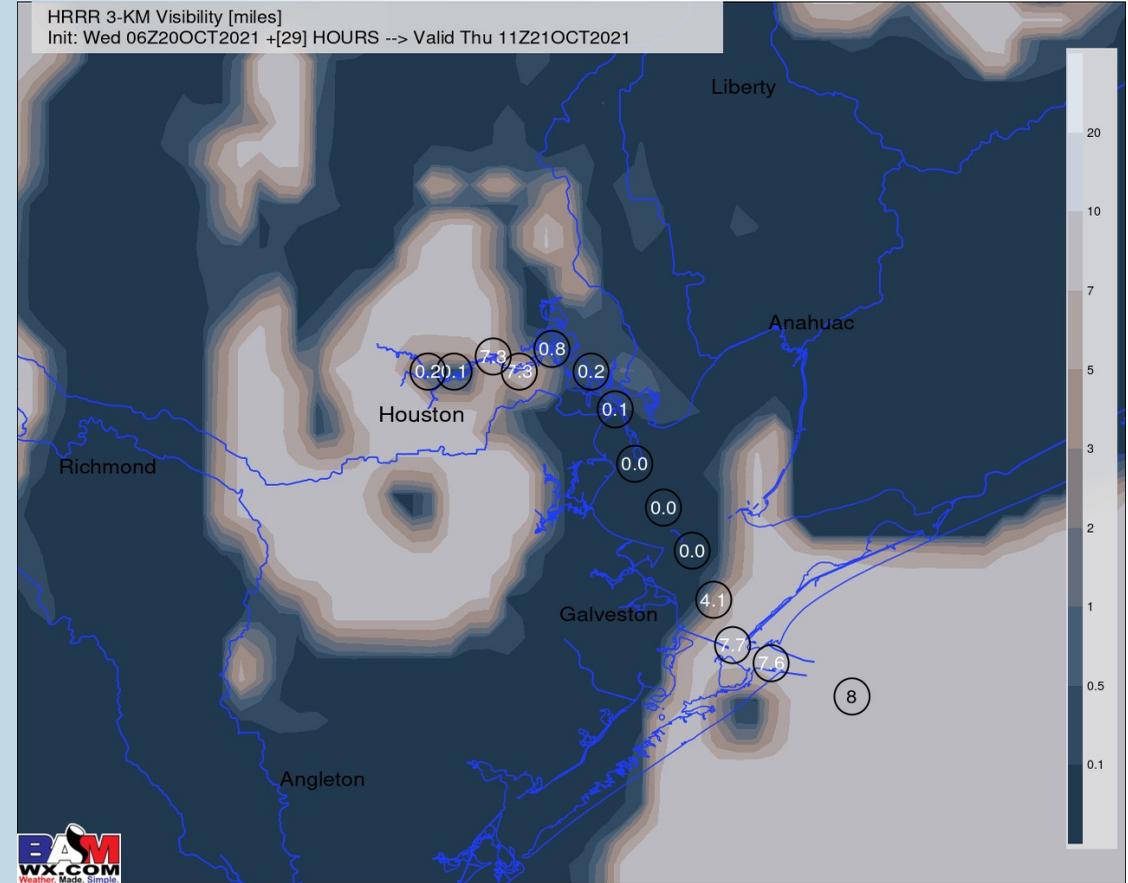
# Visibility Report

Thursday, October 21, 2021

## VISIBILITY (4 AM CT THU)



## VISIBILITY (8 AM CT THU)



### CONFIDENCE

Below Normal

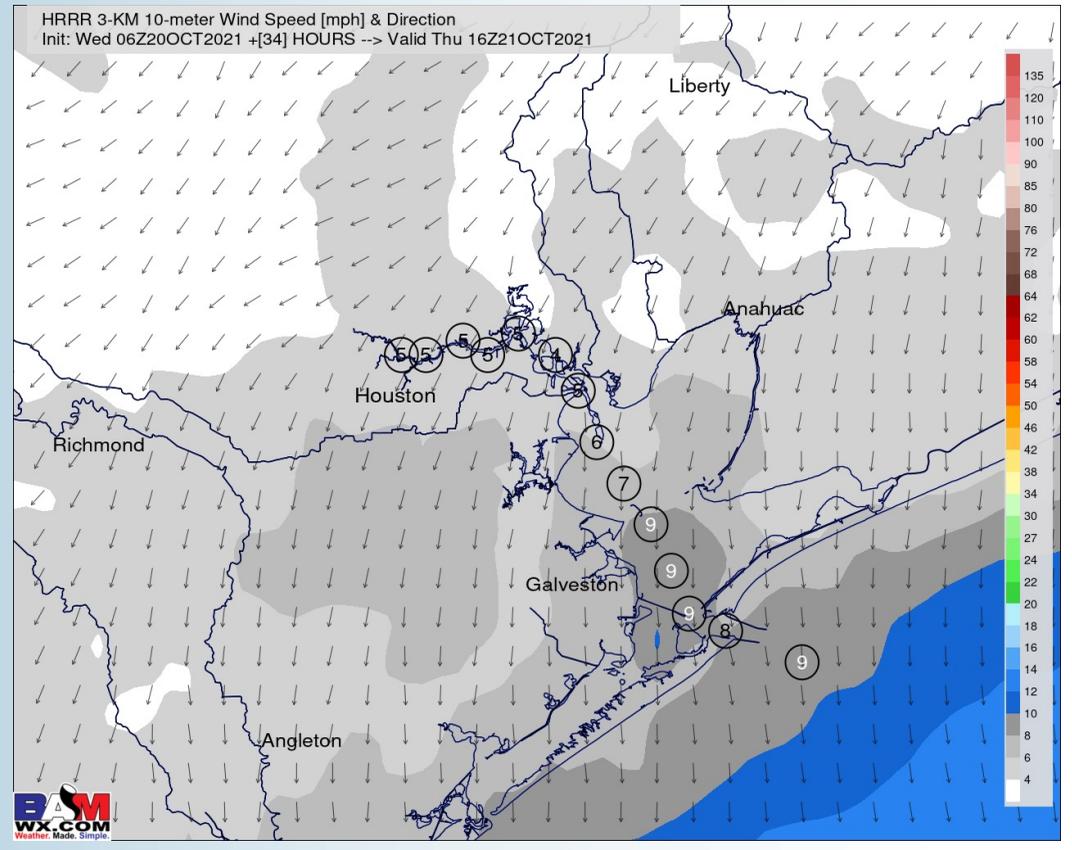
Above Normal

- Fog chances around the Houston area are increasing for Thursday AM, however a bit lower confidence on just how far south fog can bleed.**
- More widespread fog is favored inland north of our stations, but we think that stations N of the 63/64 station need to monitor for patchy fog forming over land and then working over the water. Slightly warmer air temps over stations with more open waters likely help keep the fog threat for the southern stations lower.**
- Higher confidence with timing of any potential fog coming in the 4-9 AM timeframe.**

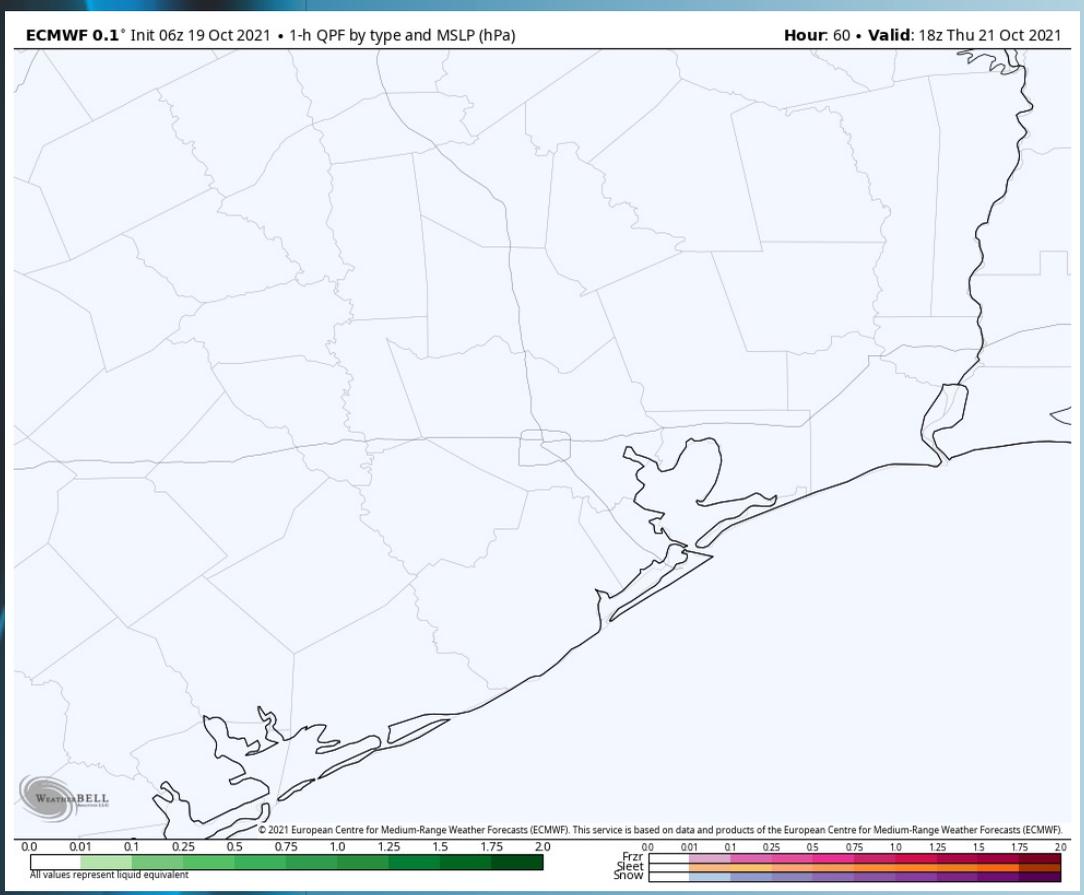
## Short-Term Forecast Discussion

- **Dry conditions expected to continue for Thursday. Adding a quick mention of a ~10-20% shower chance from daybreak to 10 AM, otherwise anticipating a quieter day.**
- **Winds for most of Thursday look to be 5-10 MPH sustained, calmer towards the HOU downtown area. Gusts to 15 MPH possible at the boarding station out through ~10 AM. Winds ~2-4 AM look to shift from SE to N and continue Northerly out through ~8 PM before a shift back to the SE.**
- **Highs in the low to mid 80s are expected for Thursday.**
- **Check slide above for more details on fog.**

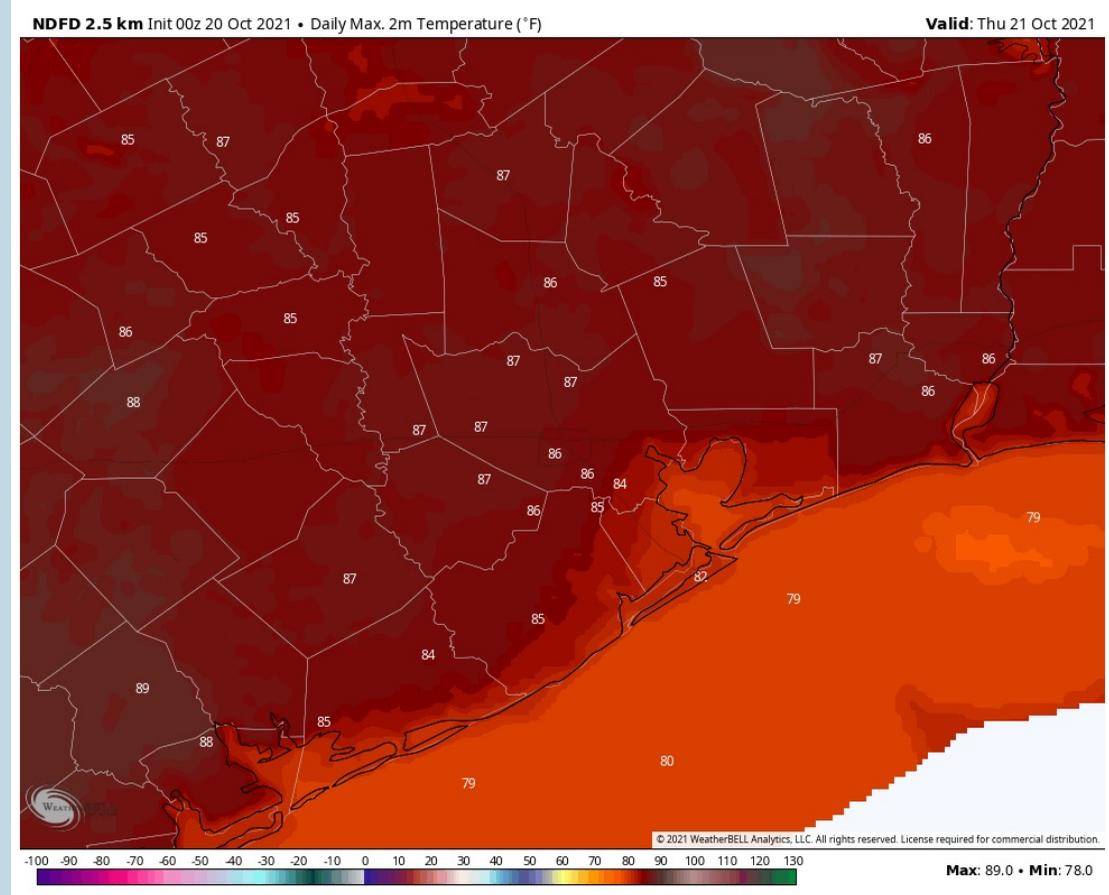
## Sustained Winds (12 PM CT)



## Simulated Radar Snapshot (1 PM CT)



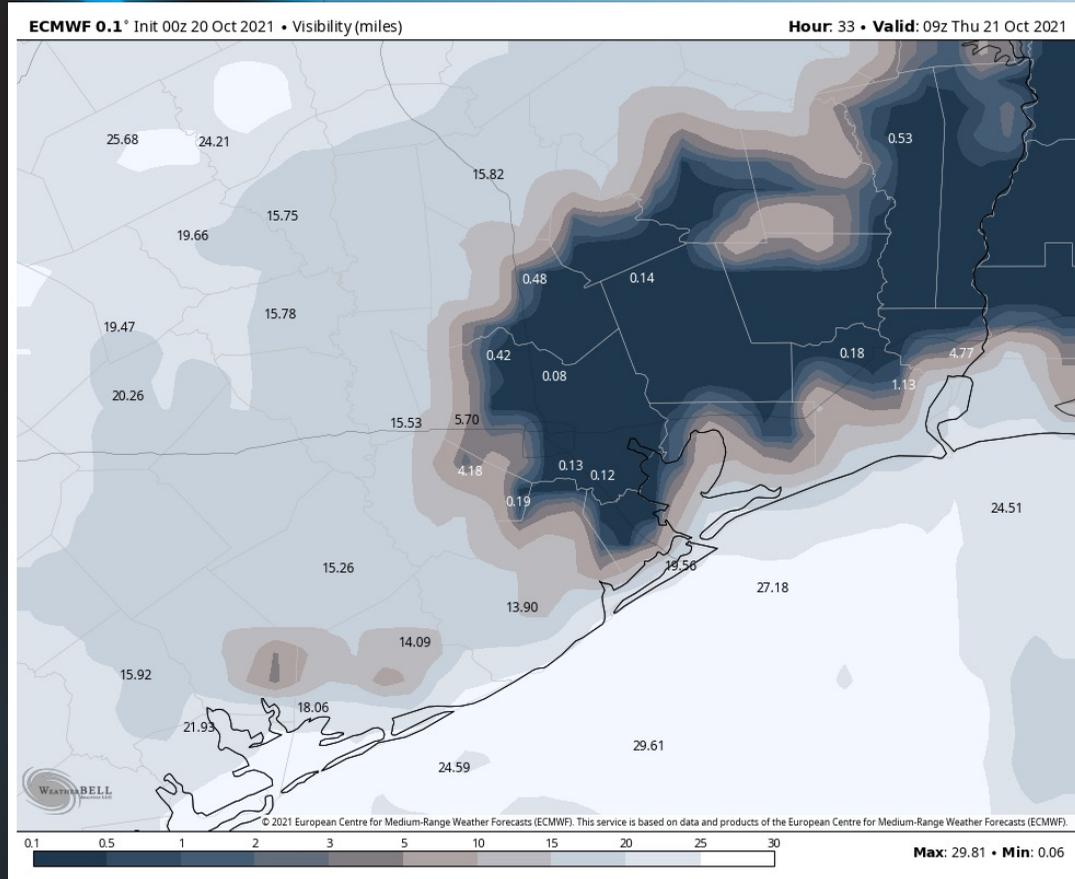
## High Temps Thursday



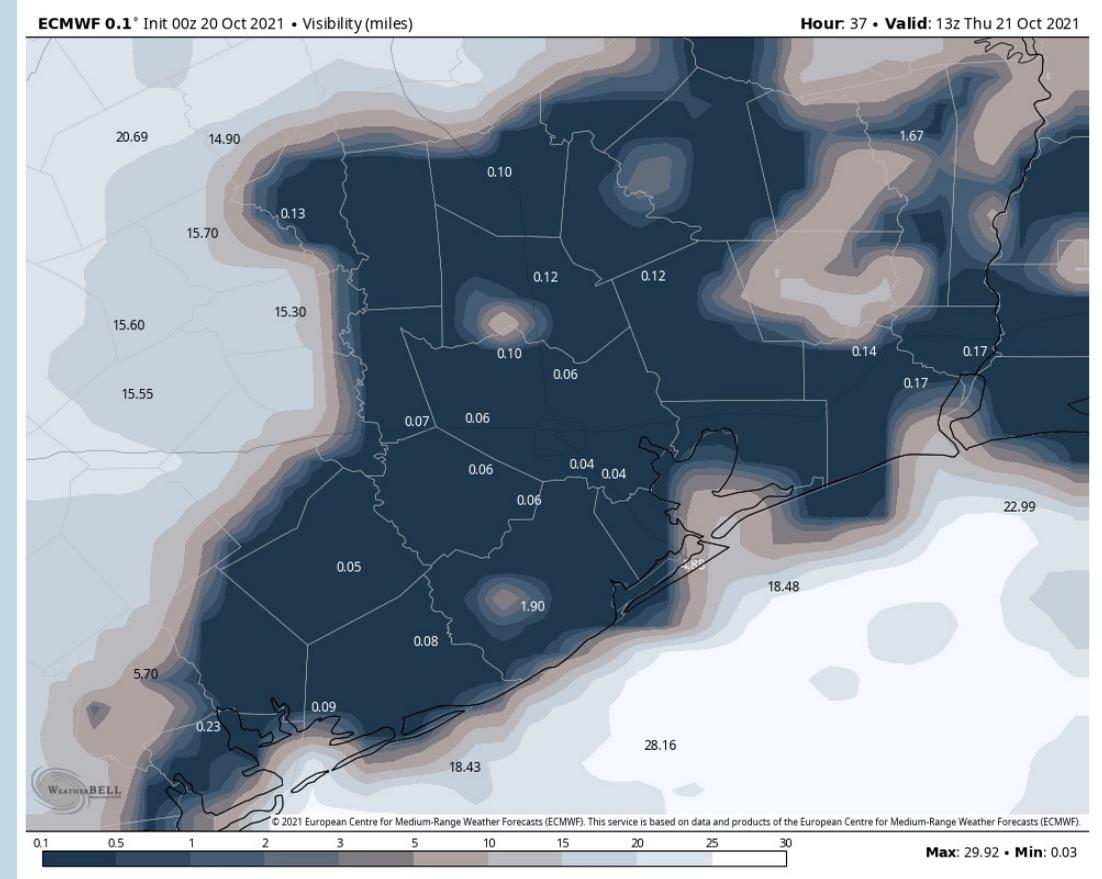
# Visibility Report

Friday, October 22, 2021

## VISIBILITY (4 AM CT FRI)



## VISIBILITY (8 AM CT FRI)



### CONFIDENCE

Below Normal

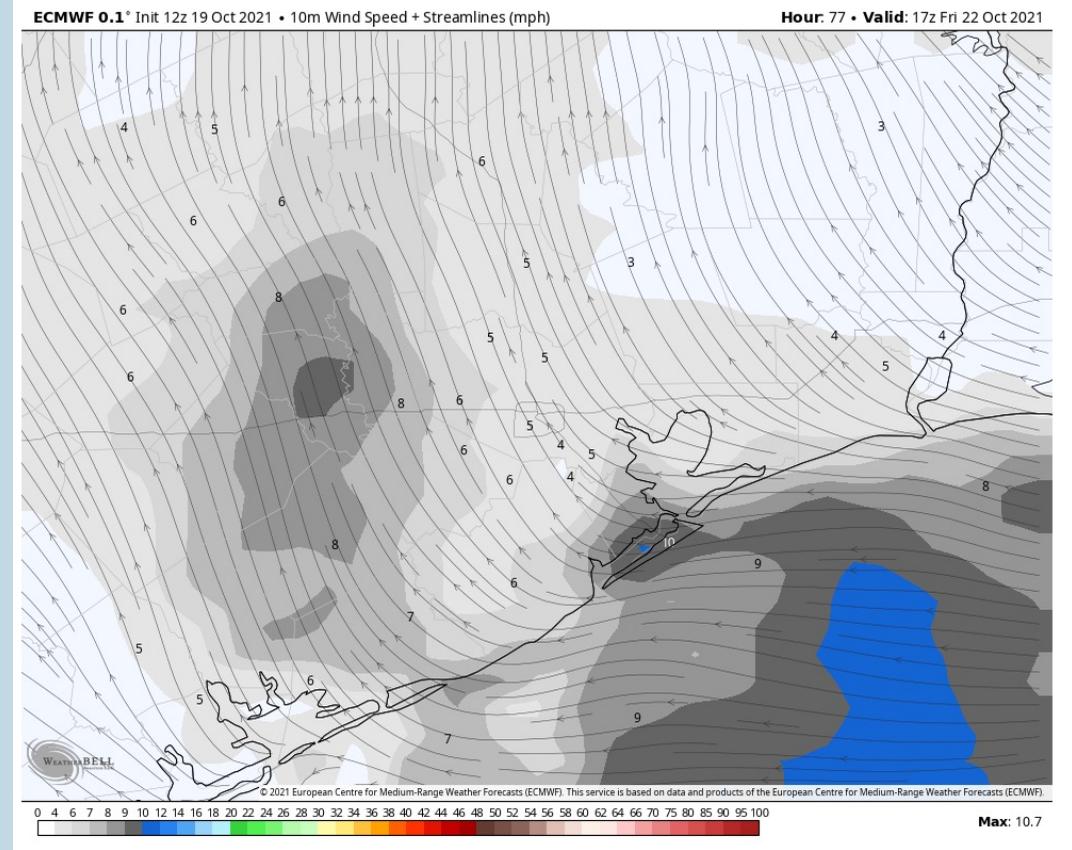
Above Normal

- **A touch lower confidence just because it is a few morning's out and just outside of hi-resolution data, but conditions for Friday AM look similar to Thursday AM regarding fog potential.**
- **Any widespread fog would be most likely to occur inland north of our stations, but we think that stations N of the 63/64 station need to monitor for patchy fog forming over land and then "bleeding" over the water. Slightly warmer air temps over stations with more open waters likely help keep the fog threat for the southern stations lower.**
  - **Similar to THU AM, best window for fog comes in the 4-9 AM timeframe.**
  - **Check back as this threat will be refined as it gets within the range of hi-res data.**

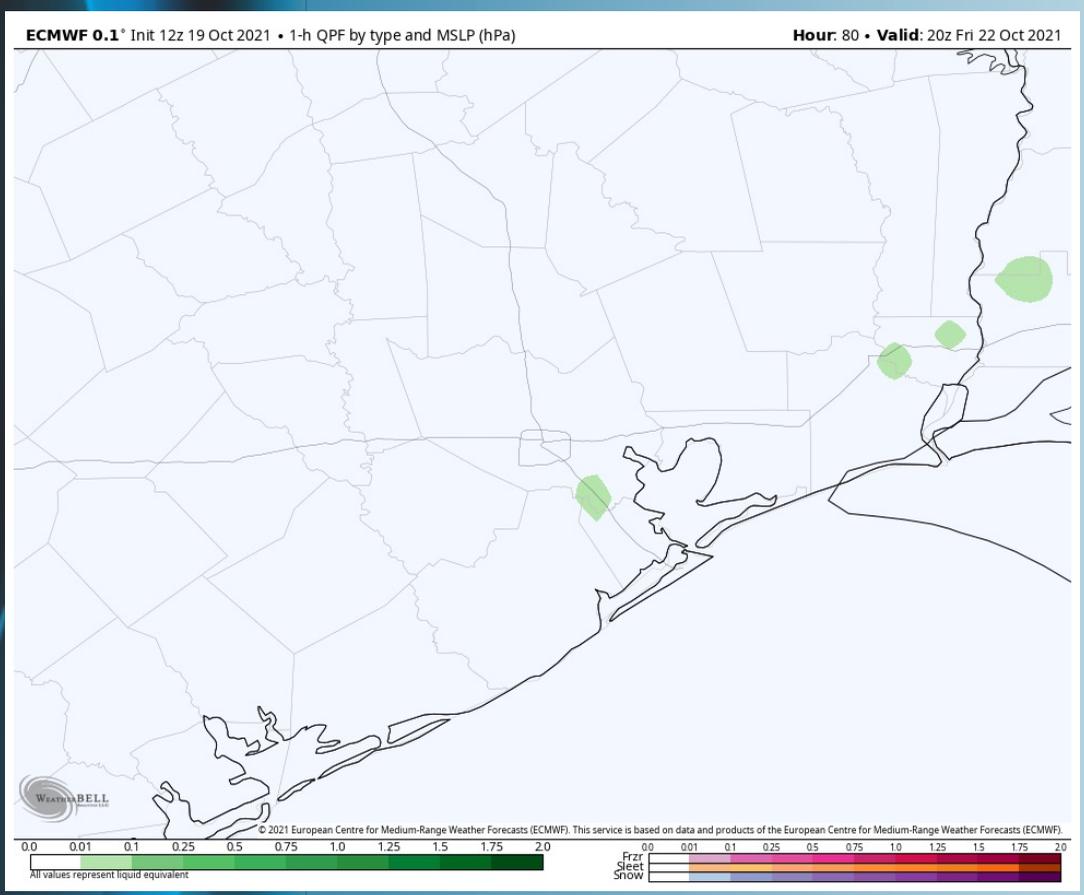
## Short-Term Forecast Discussion

- **A 10% chance of a very isolated light shower exists in the early to mid PM hours, however, most if not all of Friday is anticipated to be dry.**
  
- **Winds most of Fri look to be 5-10 MPH sustained, picking up at the boarding station at 8-13 MPH after sundown. Gusts to 18 MPH possible. Winds look to veer from the NE to SE as the day progresses.**
  
- **High temps Friday sit in the low to mid 80s.**
  
- **Check slide above for more details on fog.**

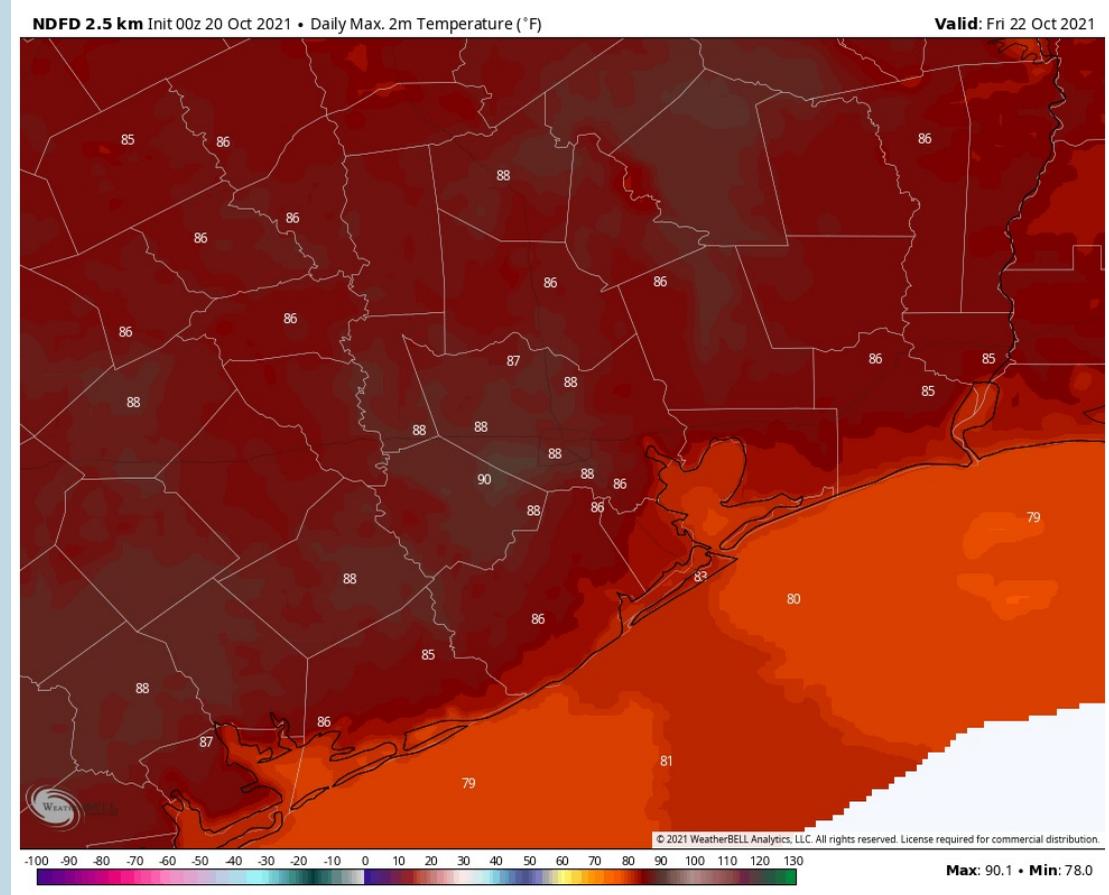
## Sustained Winds (12 PM CT)



## Simulated Radar Snapshot (3 PM CT)



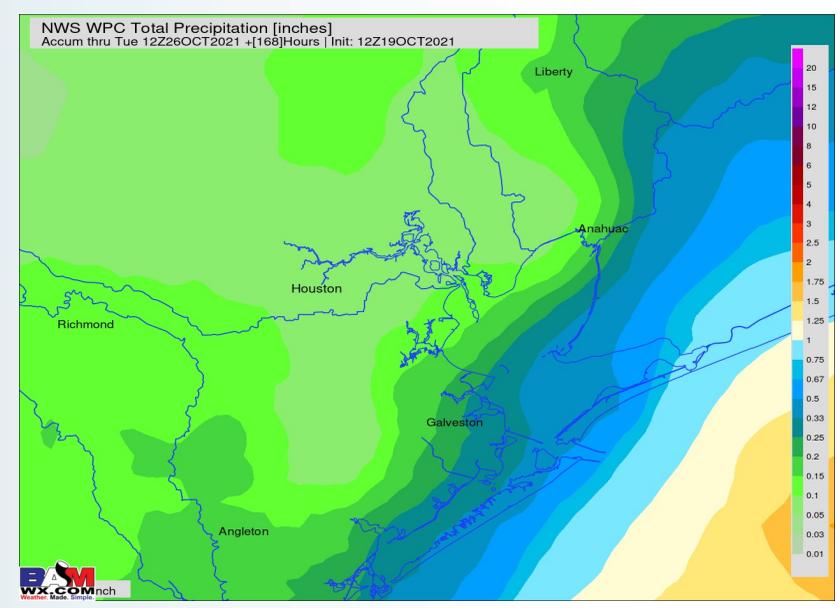
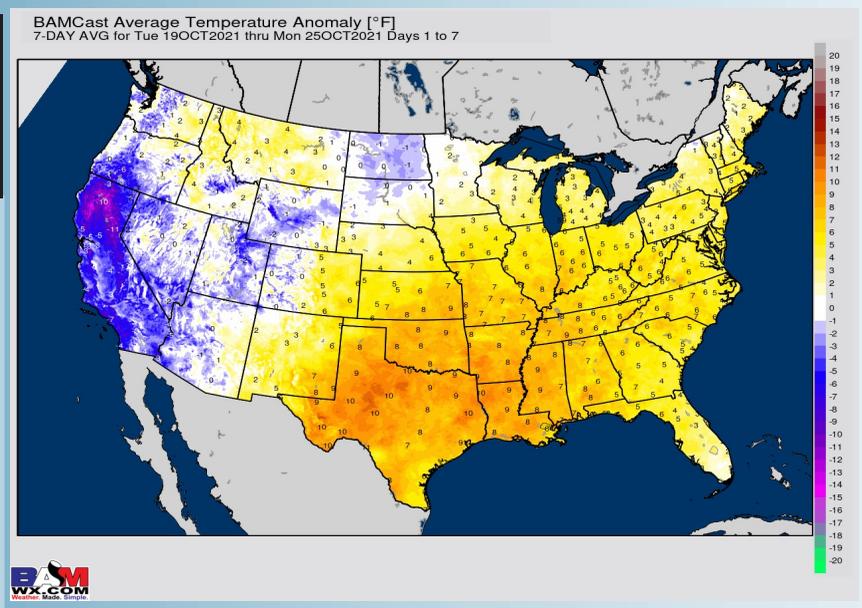
## High Temps Friday



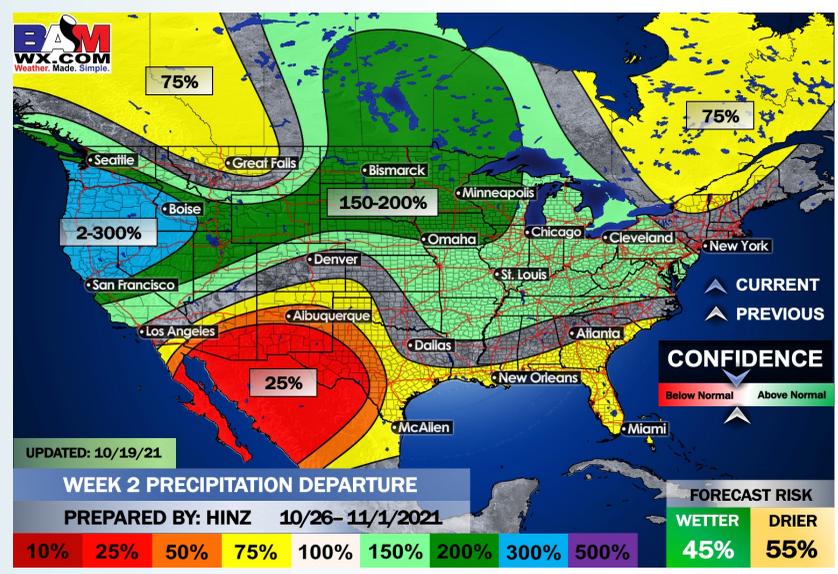
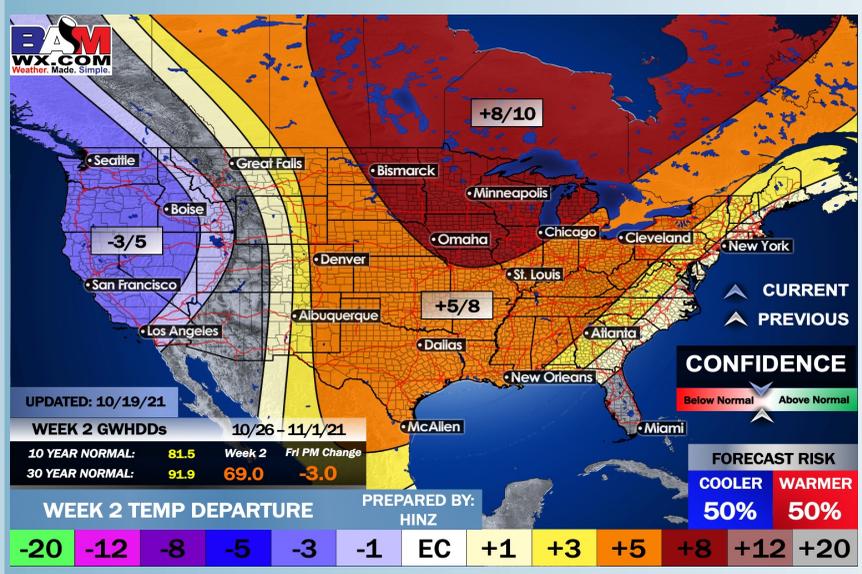
## Long-Range Forecast Discussion

- Temps look to average out to above normal the next 7 days. An overall quieter stretch is favored moving forward, however, a few shots at light precip this week.
  
- The week 2 timeframe is expected to have above average temps with slightly below average risks for precip. Not eyeing a specific threat for a tropical storm or hurricane at this distance.
  
- Right now, we have risks for about average temps and slightly below average precip for the first half of November. Tropical risks are on the lower side, but not a threat that should be 100% eliminated.

## Week 1 Forecast



## Week 2 Forecast



## Weeks 3/4 Forecast

