

**Updated: 5:00 AM CT Monday, January 4, 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.



# Monday, January 4, 2021

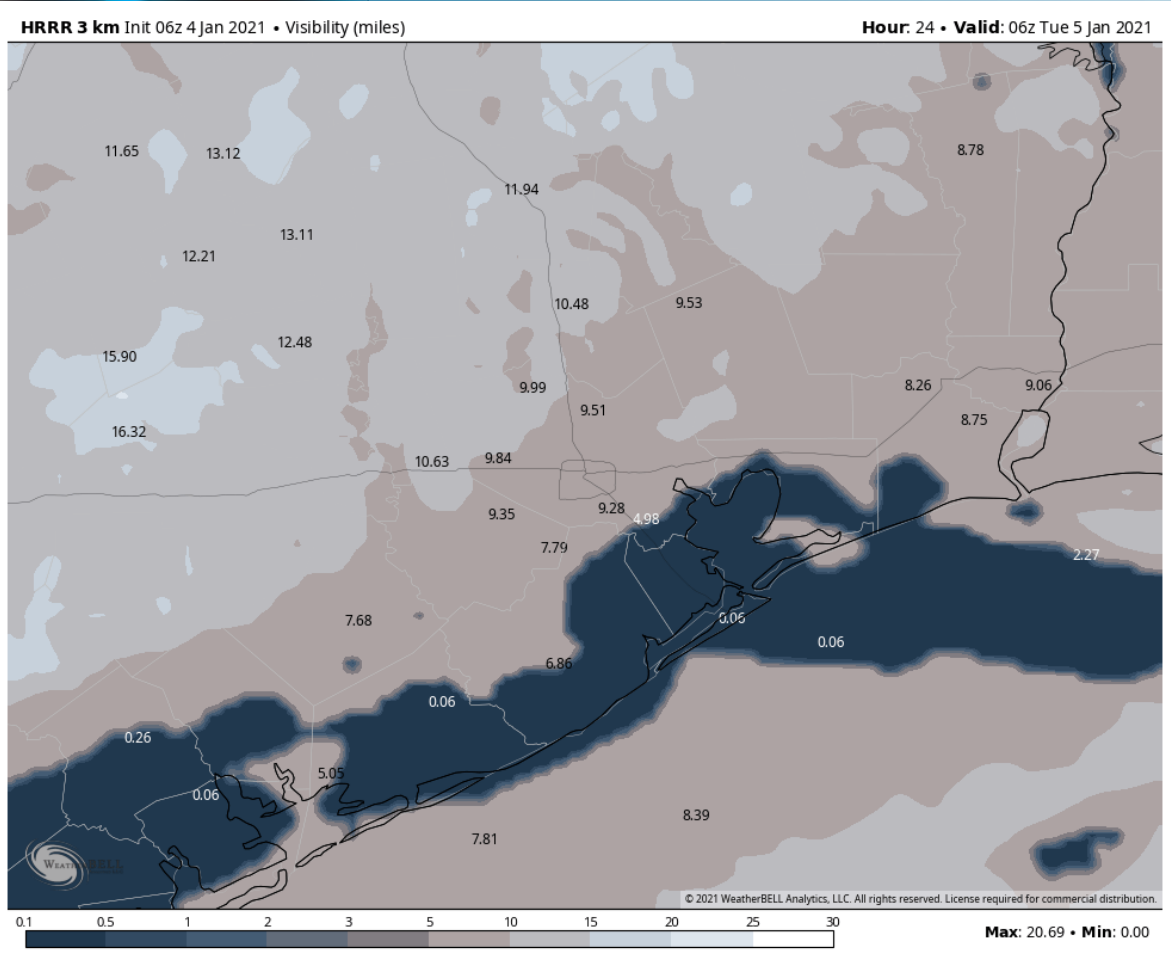
Time	01-04-2021 Mon 3am	01-04-2021 Mon 4am	01-04-2021 Mon 5am	01-04-2021 Mon 6am	01-04-2021 Mon 7am	01-04-2021 Mon 8am	01-04-2021 Mon 9am	01-04-2021 Mon 10am	01-04-2021 Mon 11am	01-04-2021 Mon 12pm	01-04-2021 Mon 1pm	01-04-2021 Mon 2pm	01-04-2021 Mon 3pm	01-04-2021 Mon 4pm	01-04-2021 Mon 5pm	01-04-2021 Mon 6pm	01-04-2021 Mon 7pm	01-04-2021 Mon 8pm	01-04-2021 Mon 9pm	01-04-2021 Mon 10pm	01-04-2021 Mon 11pm	01-05-2021 Tue 12am	01-05-2021 Tue 1am	01-05-2021 Tue 2am	01-05-2021 Tue 3am	01-05-2021 Tue 4am	01-05-2021 Tue 5am	01-05-2021 Tue 6am	01-05-2021 Tue 7am	01-05-2021 Tue 8am	01-05-2021 Tue 9am	01-05-2021 Tue 10am	01-05-2021 Tue 11am	01-05-2021 Tue 12pm	01-05-2021 Tue 1pm	01-05-2021 Tue 2pm	
Houston Pilots A - 1 & 2 Bravo	10.00	10.00	10.00	10.00	10.00	6.89	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	8.00	6.61	4.63	4.37	0.16	0.12	0.00	0.00	0.16	0.20	3.98	8.99	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00
Houston Pilots B - 11/12	10.00	10.00	10.00	10.00	8.32	6.89	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	6.60	4.02	2.17	2.13	0.16	0.12	0.00	0.00	0.16	0.16	3.98	8.99	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	
Houston Pilots C - 25/26	10.00	10.00	10.00	10.00	7.92	6.89	7.80	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	6.01	3.24	1.29	1.13	0.16	0.12	0.00	0.00	0.16	0.62	3.98	8.99	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	
Houston Pilots D - 37/38	10.00	10.00	10.00	9.04	7.92	6.89	6.89	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	4.98	1.73	0.12	0.16	0.16	0.12	0.00	0.00	0.16	0.51	3.98	8.99	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	
Houston Pilots E - 51/52	10.00	10.00	10.00	8.91	7.81	6.89	6.89	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	4.98	2.06	0.12	0.16	0.16	0.12	0.00	0.00	0.16	0.33	3.98	8.99	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	
Houston Pilots F - 63/64	10.00	10.00	10.00	7.92	6.89	6.89	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	4.98	2.13	0.16	0.16	0.16	0.12	0.08	0.48	0.49	0.16	5.97	8.99	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	
Houston Pilots G - 75/76	10.00	10.00	10.00	7.92	6.89	6.89	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	4.98	4.90	1.56	0.16	0.16	0.12	0.16	1.37	2.21	0.16	7.55	8.99	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	
Houston Pilots H - Morgans Point	10.00	10.00	7.92	6.90	5.95	6.90	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	8.36	8.16	5.95	4.13	4.63	4.13	3.67	5.12	6.33	3.87	4.74	7.59	5.27	5.10	10.00	10.00	10.00	10.00	10.00	10.00	
Houston Pilots I - Exxon 3	10.00	10.00	7.92	6.89	5.94	6.89	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	9.67	8.99	8.59	8.99	7.95	6.92	6.92	5.89	0.28	7.95	10.00	10.00	10.00	10.00	10.	



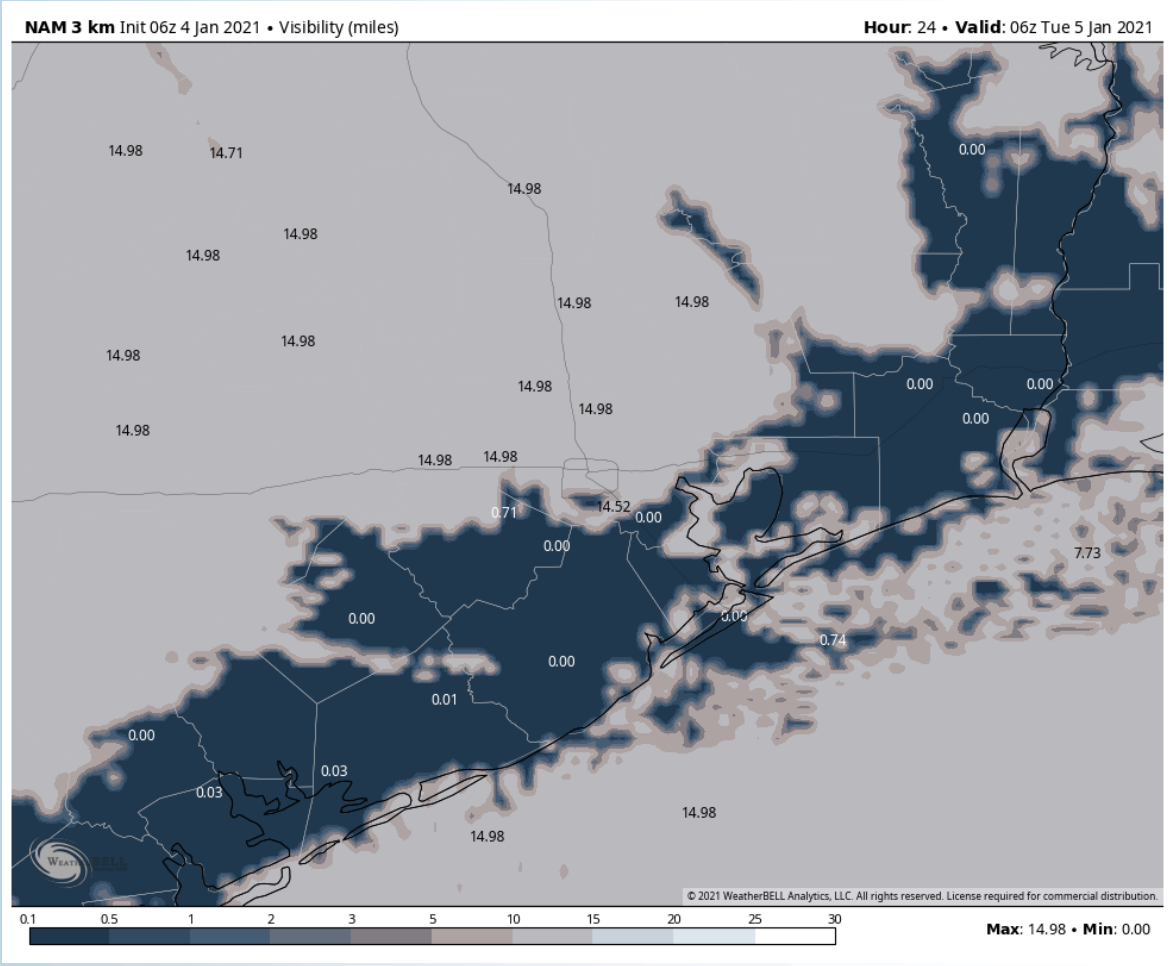
# Fog Report

Monday, January 4, 2021

## VISIBILITY (12 AM TUE) HRRR Model



## VISIBILITY (12 AM CT TUE) NAM3 Model



- Latest Hi-res model guidance is in fairly good agreement with some fog potential starting this evening, mainly in the bay area.
- The greatest risk for fog will be from 8 PM MON through 6 AM TUE morning. Stations H and locations to the south will have the greatest potential.

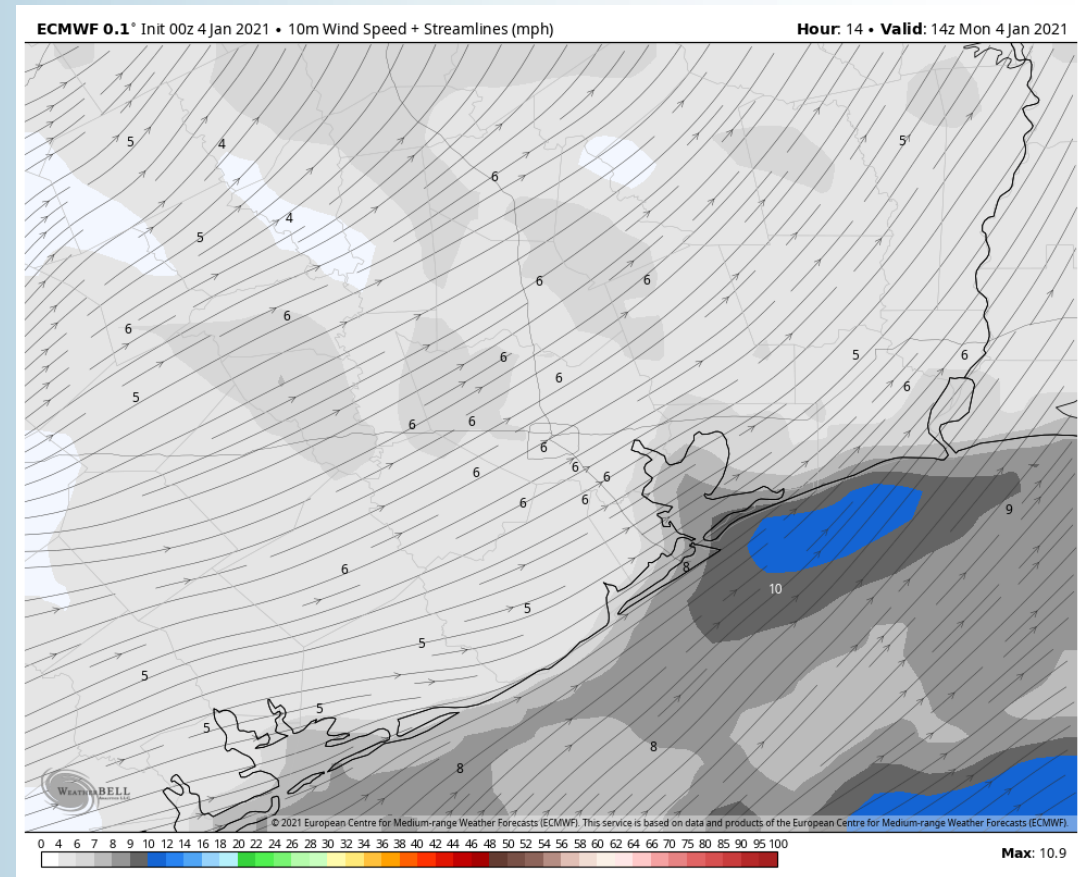


## Short-Term Forecast Discussion

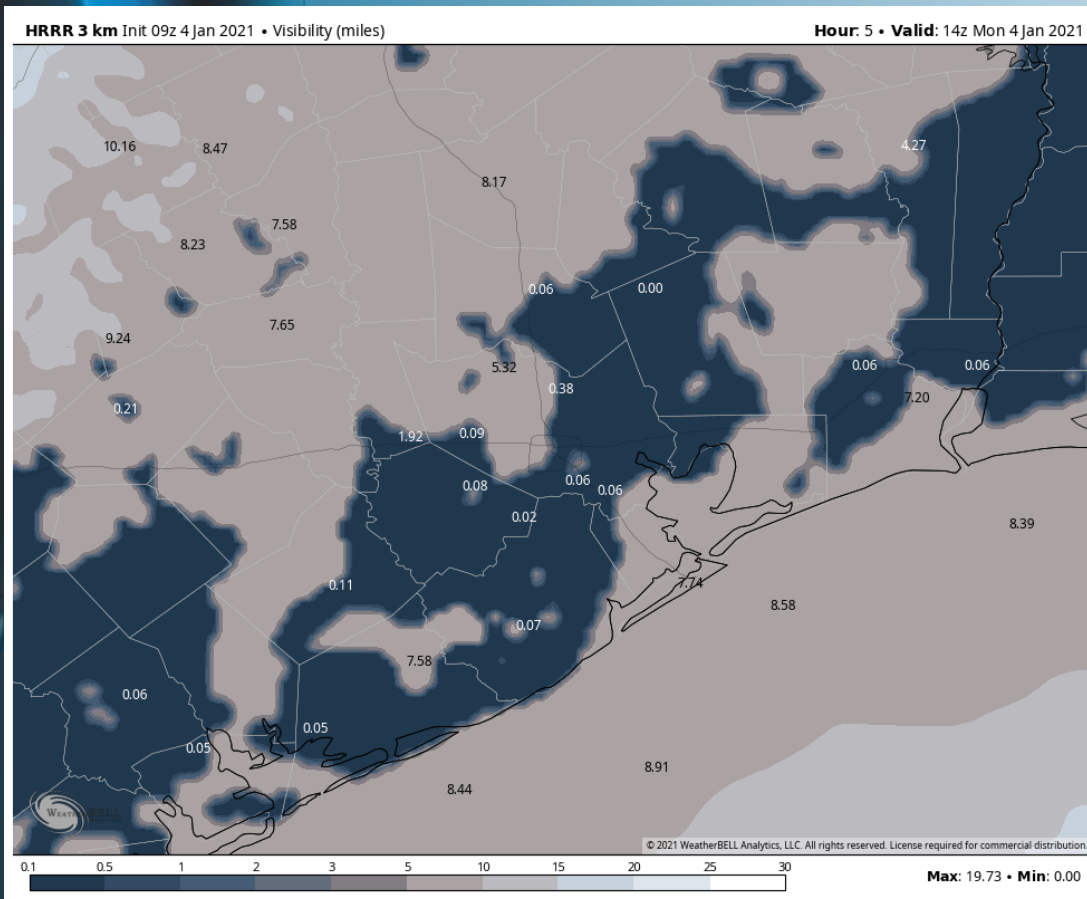
- Today is looking to be a dry day.
- Winds will be out of the SW sustained at 4-8 MPH with 15 MPH gusts. Around 3-6 PM a high pressure system will pass over head bringing calm winds out of the NW. After the passage, around 9PM, N/ NE winds will be established.
- High temperatures today will be in the low 70's inland and low 60's for the boarding station.
- As the high pressure system moves through the area the calmer winds presented allow for some fog potential. We have some potential in the morning timeframe around 6-10 AM which is likely to have little impact. The greatest impact is to stations north of Morgan's Point. Another potential for fog is in the late evening and overnight hours (Check above slide).

# Monday, January 4<sup>th</sup>, 2021

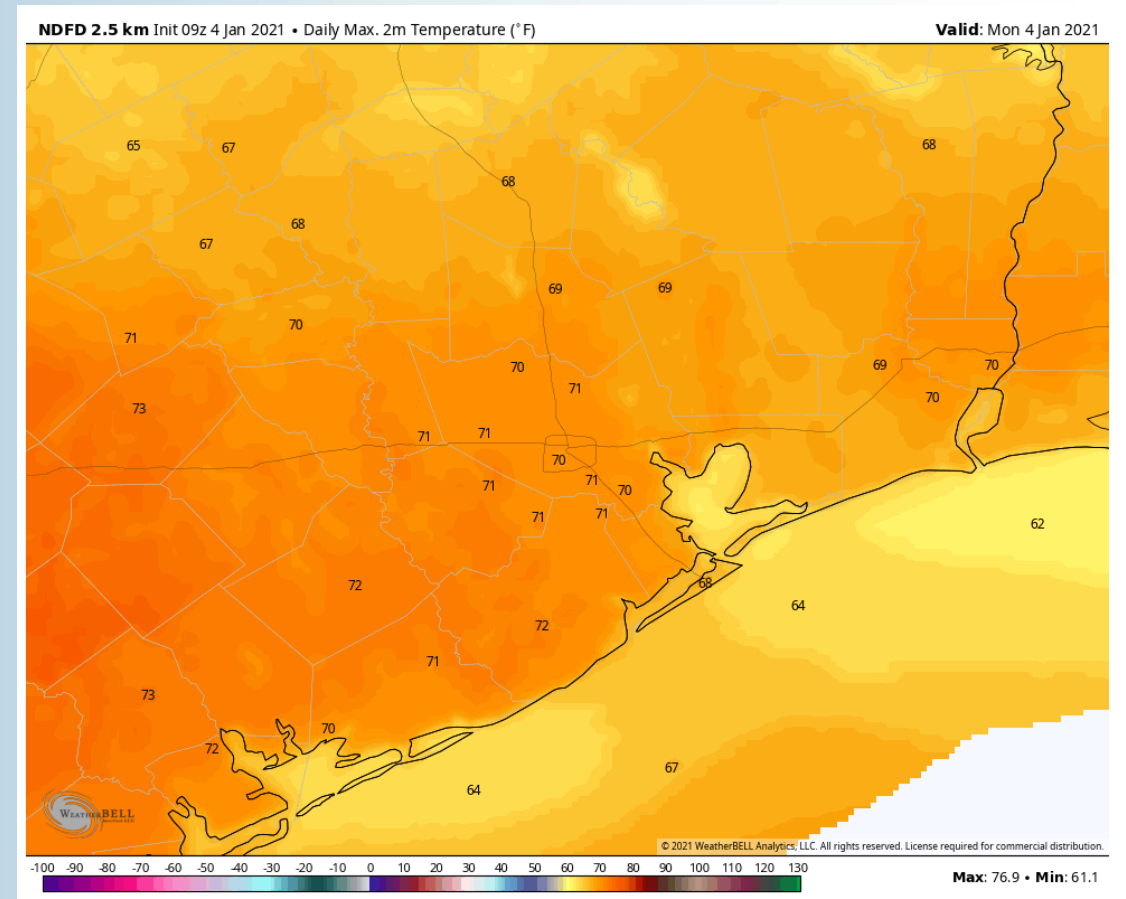
## Sustained Winds (8 AM CT)



## Forecast Visibility Monday (8 AM CT)



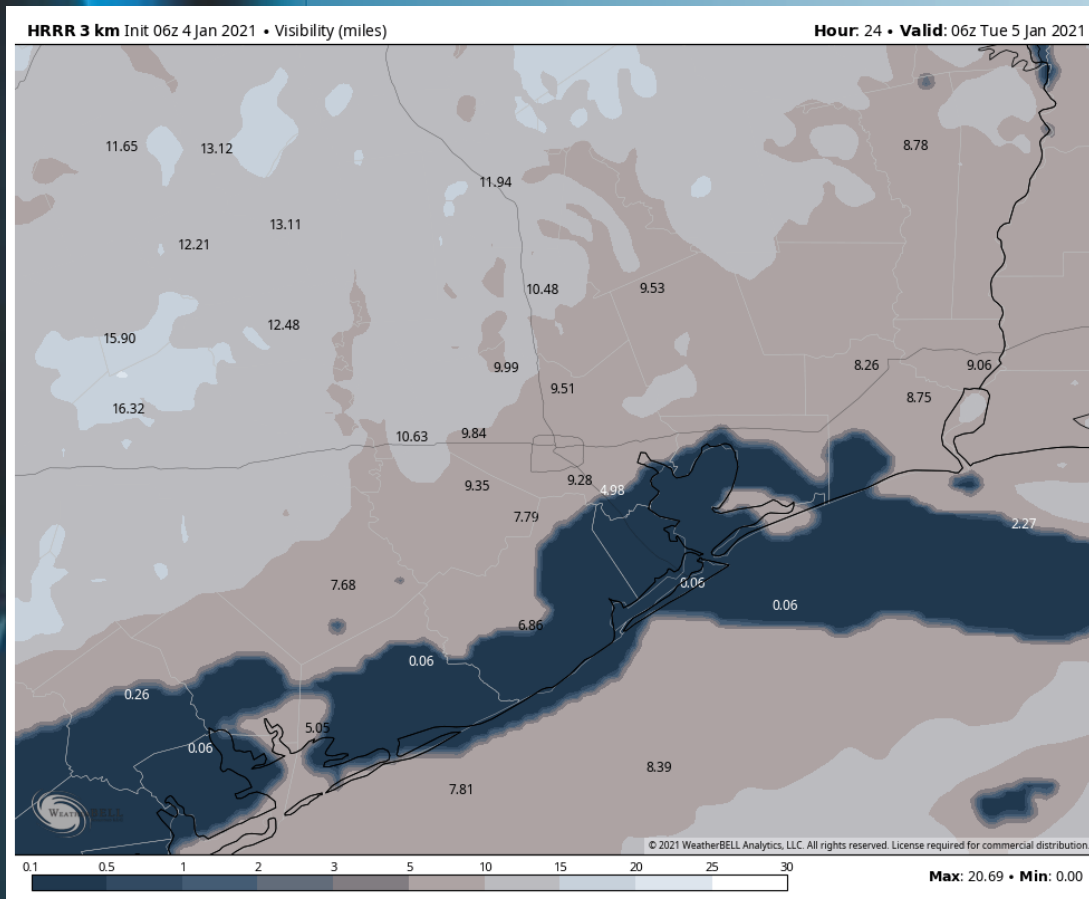
## High Temperatures Today



## Short-Term Forecast Discussion

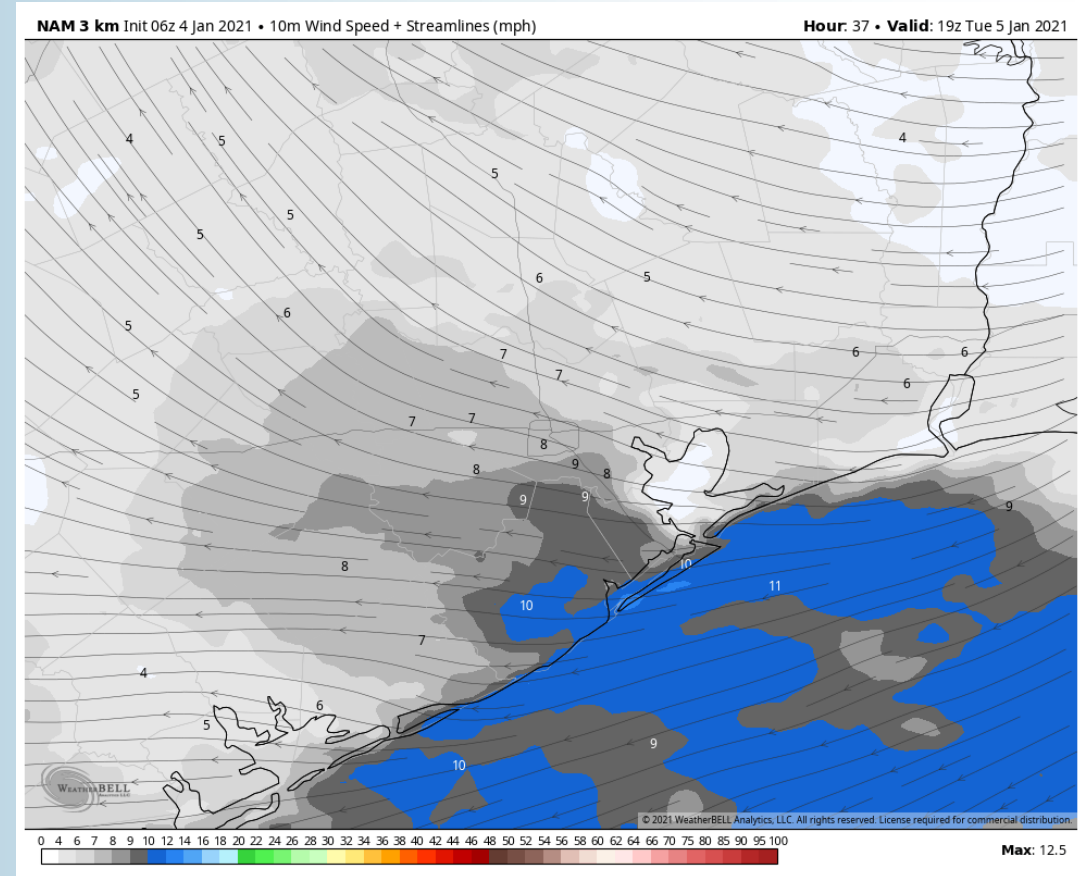
- Tuesday is also looking to be another dry day.
- Winds will start out of the NE and eventually work their way out of the SE after noon...generally they will be sustained 5-10 MPH, with a gust up to 10-15 MPH not impossible over the open water.
- High temperatures for Tuesday will be in the upper 60's inland and low 60's for the boarding station.
- Tuesday morning has some fog potential that will be updated again this evening. For more info check the fog report slide.

## Visibility Forecast Tuesday (12 AM CT)

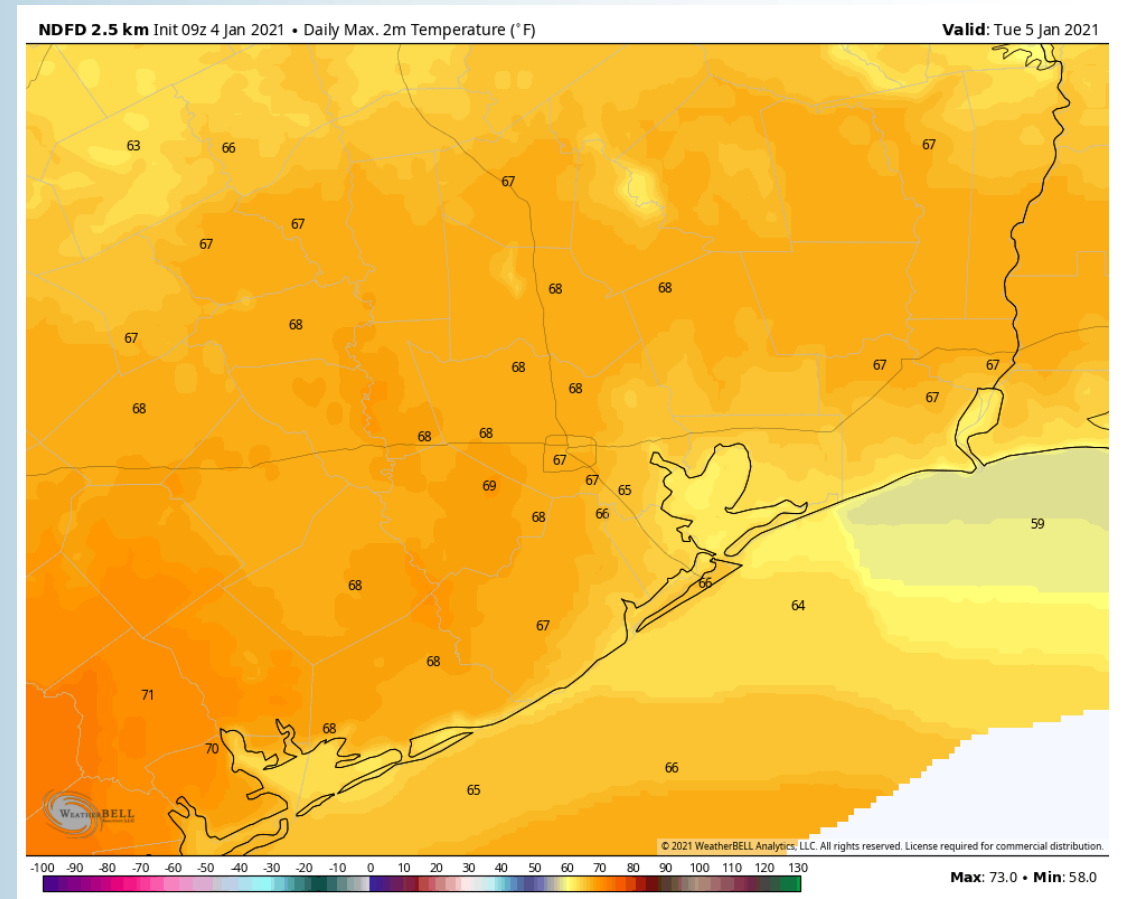


## Tuesday, January 5<sup>th</sup>, 2021

## Sustained Winds (2 PM CT)



## High Temps for Tuesday

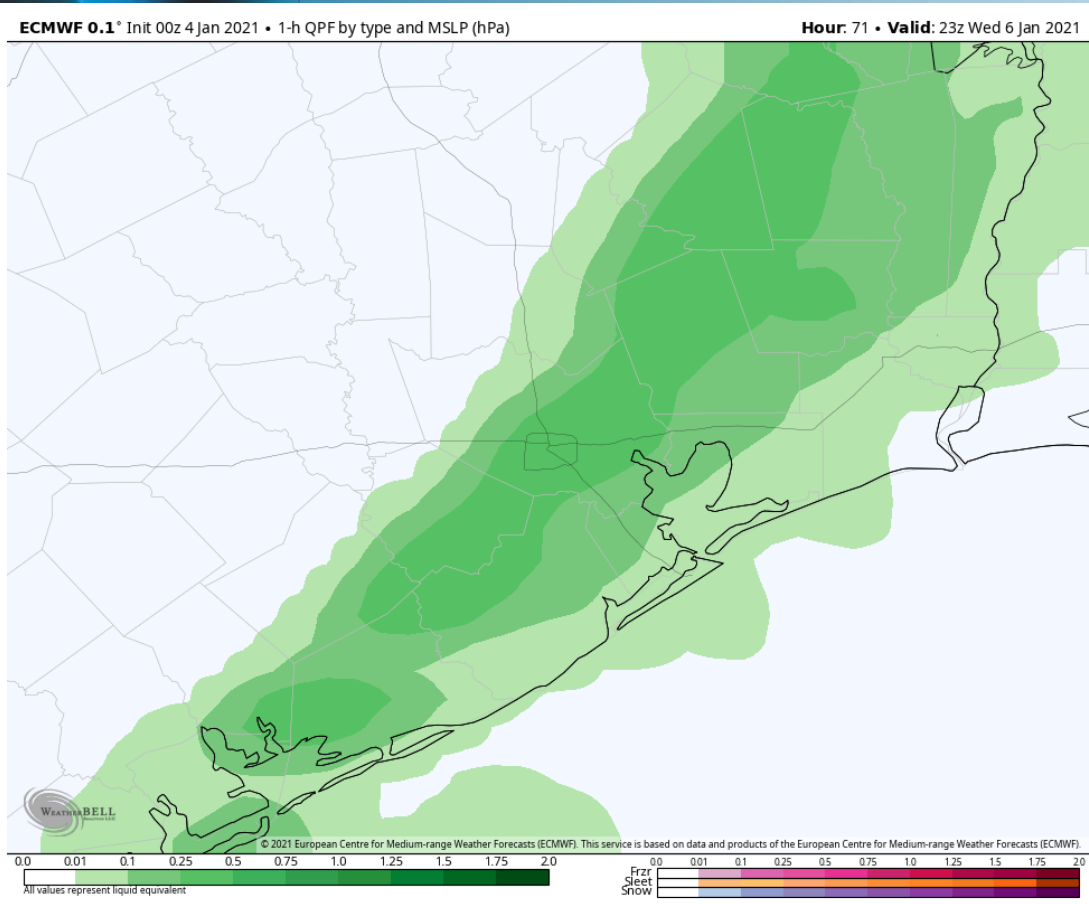




# Short-Term Forecast Discussion

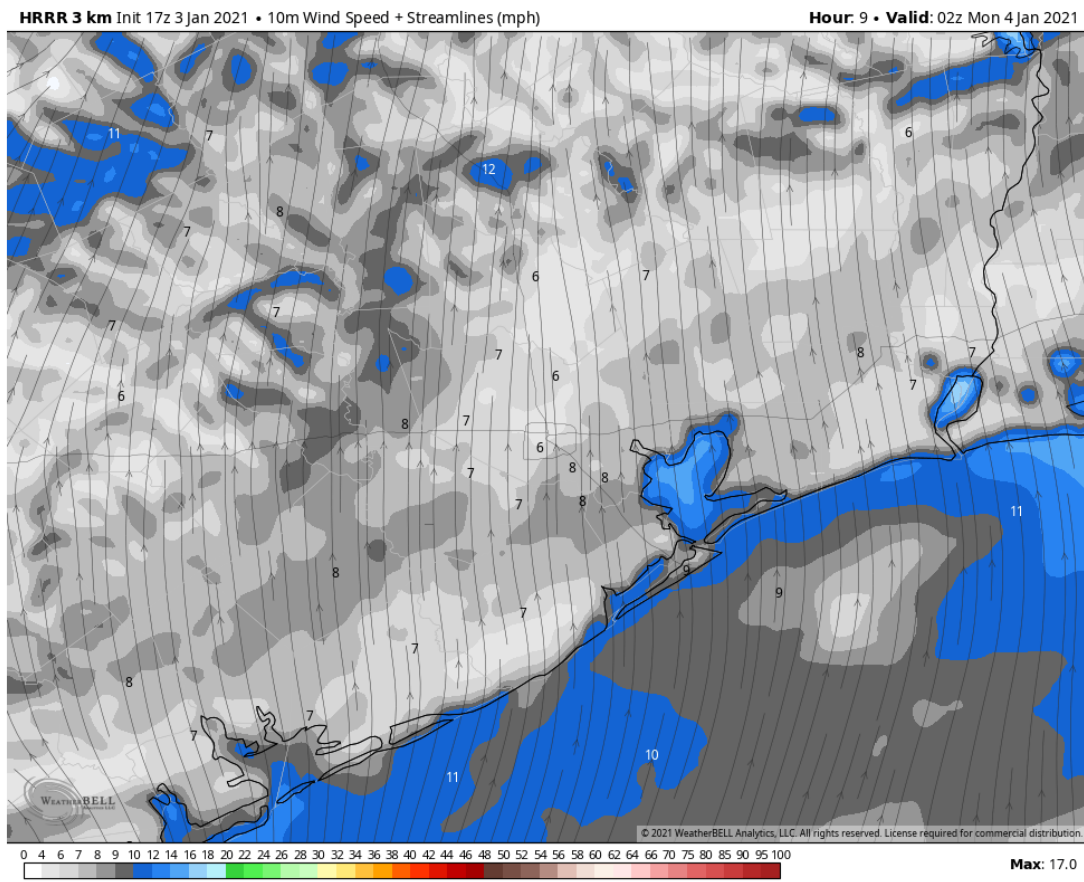
- Wednesday a front will move through during afternoon evening timeframe. This will bring a 0.5-1" of rain. A locally stronger storm could be possible with higher rain amounts
- Winds will be out of the SE with sustained winds at 10-15 MPH with gust up to 20 MPH. After noon when the front passes winds will be sustained at 15-20 MPH with gusts up to 30 MPH. A stronger wind gust could be possible.
- High temps Wednesday will be in the upper 60's with mid 60's at the boarding station.
- No Fog is expected at this distance but rain will bring reduced visibility.

# Simulated Radar Snapshot (5 PM CT)

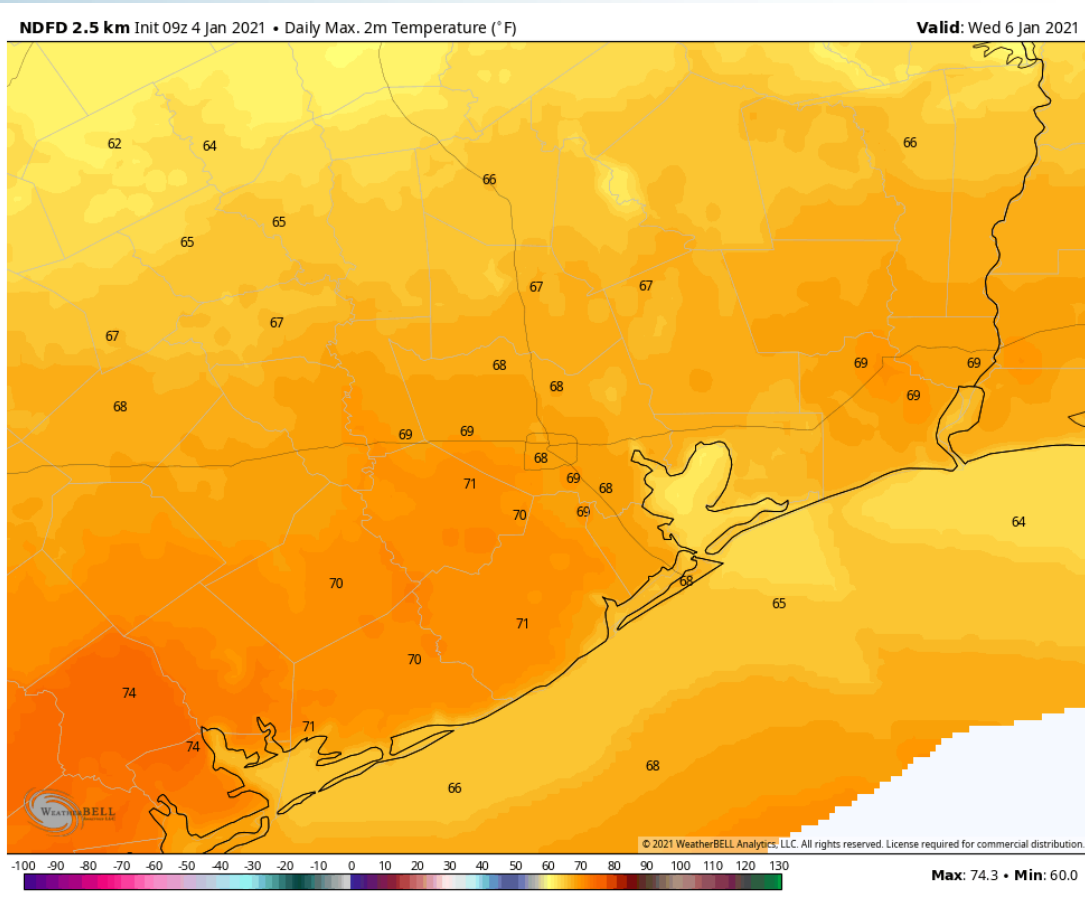


Wednesday, January 6<sup>th</sup>, 2021

# Sustained Winds (8 PM CT)



# High Temperatures Wednesday

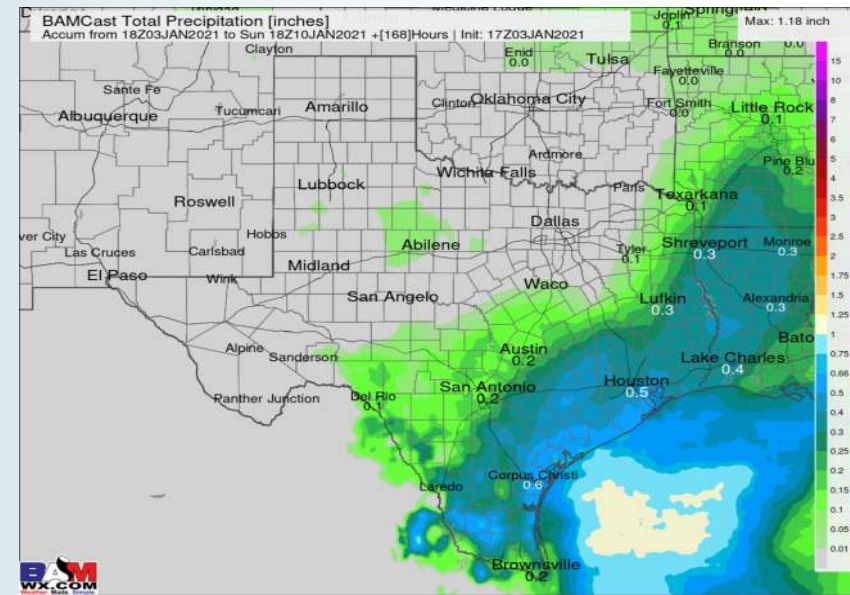
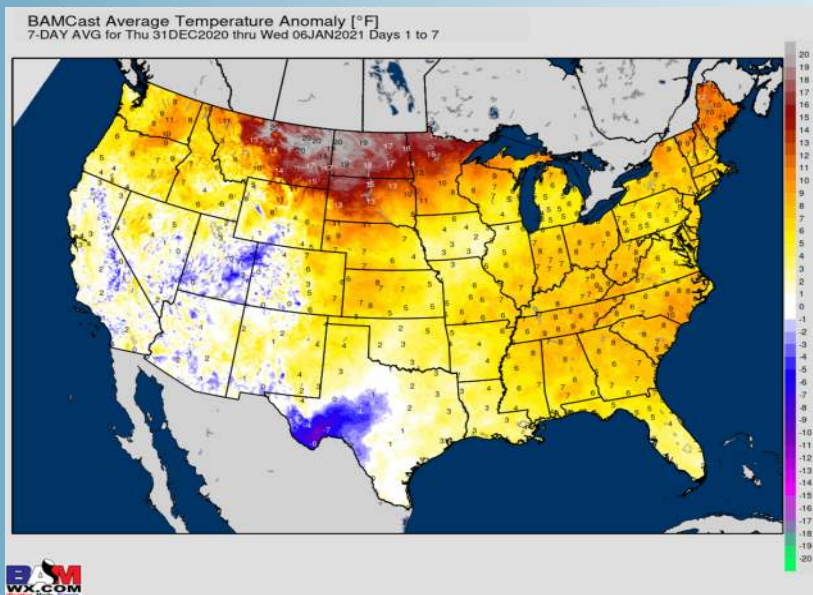




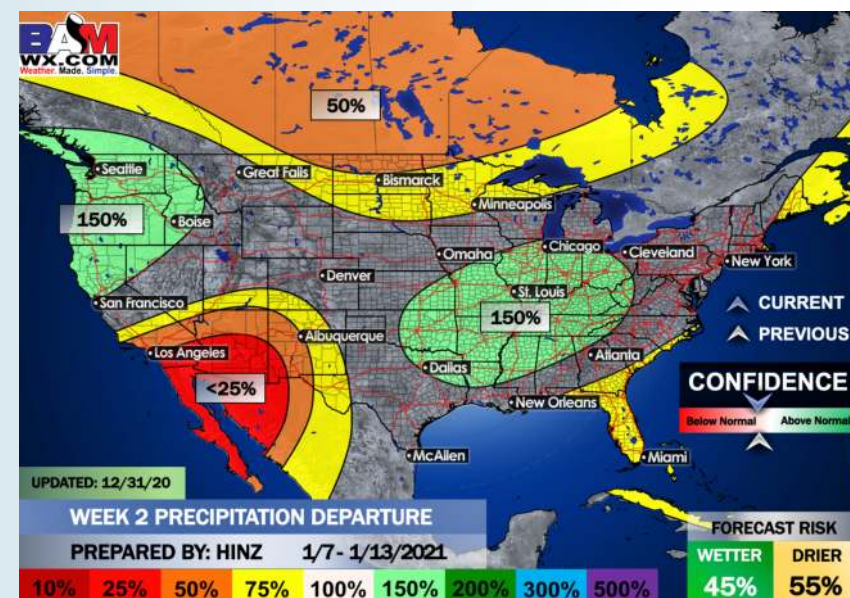
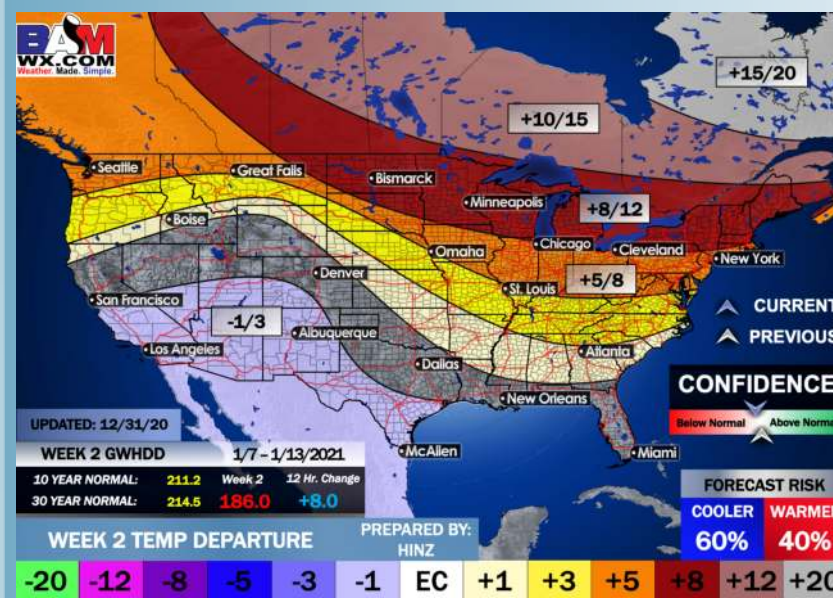
## Week 1 Forecast

### Long-Range Forecast Discussion

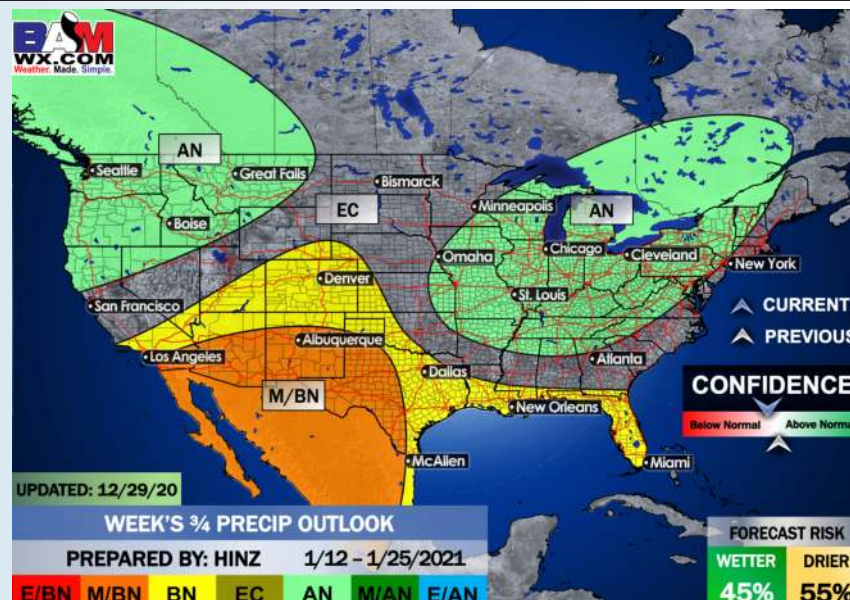
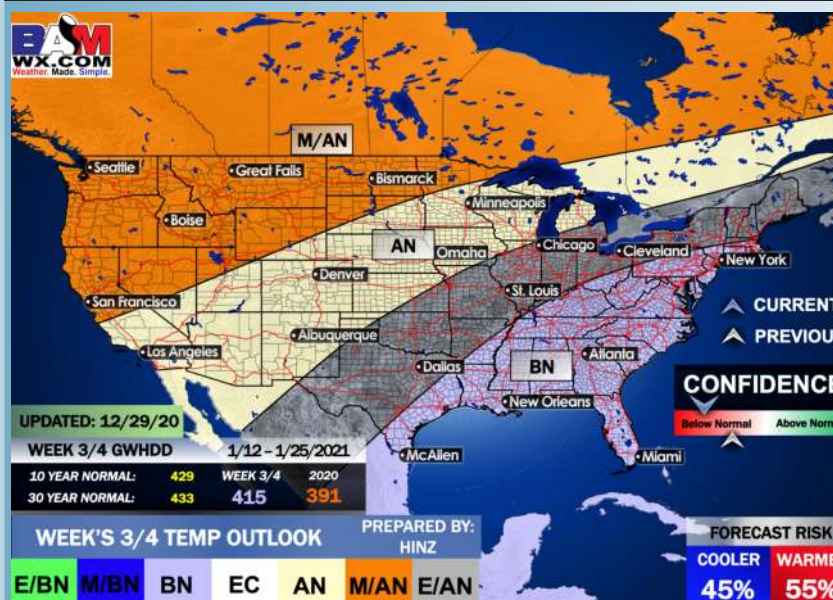
- Above normal temperatures are expected Sunday through Wednesday. Temperatures begin to moderate with a frontal passage mid to late next week. An overall dry pattern is anticipated outside of a shot of moisture late WED into THU.
- Our latest favored week 2 guidance features the Houston area at about normal temps and about “normal” precipitation. Periodic shots of precipitation will be possible as these fronts pass the area.



## Week 2 Forecast



## Weeks 3/4 Forecast



- Our latest weeks 3/4 forecast features the Houston area at below normal temperatures and below normal precipitation. Long range guidance continues to favor more of a cooler pattern for the S US heading into the New Year.