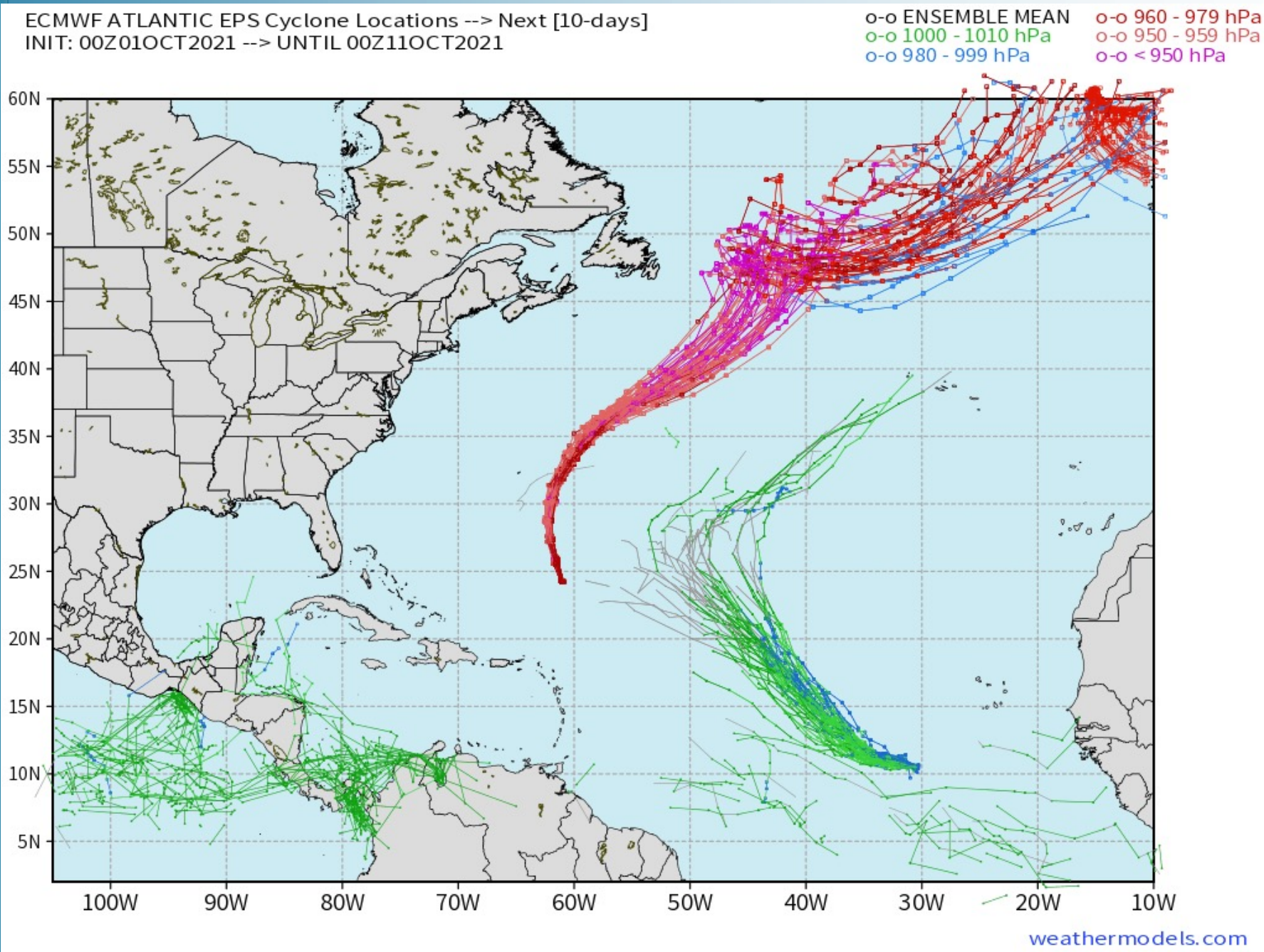


**Updated: 4:30 AM CT, Friday, October 1, 2021**

- **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:

## ECMWF EPS 10-days Tracks



- We continue to favor the Gulf to remain quiet at least for the next 7-10 days. Current tropical activity is expected to stay confined to the Atlantic.
- One area to watch for **\*\*potential\*\*** development would be the Caribbean around the ~October 8-11 window. Models are hinting of possible weak formation in this period. Too early for any sort of specifics, but something to keep an eye on.



# Visibility Report

## Friday, October 1, 2021

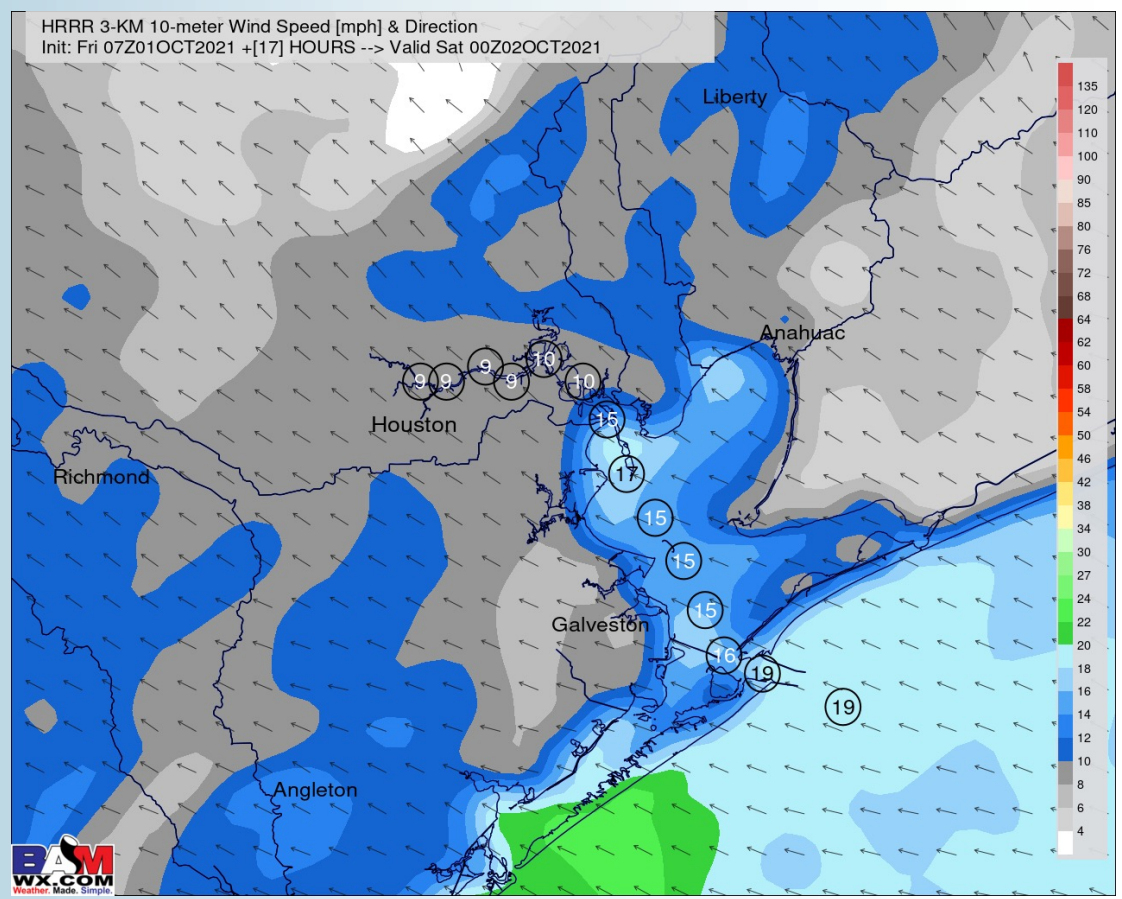
# HOURLY VISIBILITY BREAKDOWN (in miles)

Time	10-01-2021 Fri 3am	10-01-2021 Fri 4am	10-01-2021 Fri 5am	10-01-2021 Fri 6am	10-01-2021 Fri 7am	10-01-2021 Fri 8am	10-01-2021 Fri 9am	10-01-2021 Fri 10am	10-01-2021 Fri 11am	10-01-2021 Fri 12pm	10-01-2021 Fri 1pm	10-01-2021 Fri 2pm	10-01-2021 Fri 3pm	10-01-2021 Fri 4pm	10-01-2021 Fri 5pm	10-01-2021 Fri 6pm	10-01-2021 Fri 7pm	10-01-2021 Fri 8pm	10-01-2021 Fri 9pm	10-01-2021 Fri 10pm	10-01-2021 Fri 11pm	10-02-2021 Sat 12am	10-02-2021 Sat 1am	10-02-2021 Sat 2am	10-02-2021 Sat 3am	10-02-2021 Sat 4am	10-02-2021 Sat 5am	10-02-2021 Sat 6am	10-02-2021 Sat 7am	10-02-2021 Sat 8am	10-02-2021 Sat 9am	10-02-2021 Sat 10am	10-02-2021 Sat 11am	10-02-2021 Sat 12pm	10-02-2021 Sat 1pm	10-02-2021 Sat 2pm
Houston Pilots N - 610 Bridge	7.108	6.936	6.675	8.181	7.069	7.666	8.425	7.903	6.914	7.517	7.690	9.468	8.533	10.000	10.000	9.361	9.102	8.348	8.157	8.629	8.144	7.614	7.945	6.941	8.457	8.886	8.356	8.313	8.041	8.237	8.442	8.522	9.776	9.716	9.783	8.439
Houston Pilots M - Kinder 1	7.255	6.926	6.611	8.099	7.154	7.897	8.430	7.624	6.971	7.818	7.877	9.298	8.314	10.000	10.000	9.321	9.100	8.307	8.195	8.804	8.225	7.795	8.291	6.968	8.634	9.041	8.219	8.529	8.317	8.121	8.639	8.575	9.796	9.892	10.000	8.450
Houston Pilots L - Greens Bayou	7.333	6.753	6.934	7.848	7.197	7.918	7.988	7.182	7.170	8.360	7.733	9.095	8.151	10.000	10.000	9.390	8.944	8.215	8.307	9.005	8.568	8.052	8.492	7.018	8.550	9.054	8.263	8.903	8.500	8.053	8.723	8.561	9.798	9.813	10.000	8.427
Houston Pilots K - Shell Crude	7.745	7.207	7.168	7.623	7.026	7.927	8.090	7.360	7.240	8.216	7.666	8.369	8.248	10.000	10.000	9.166	9.093	8.126	8.347	9.002	8.632	7.840	8.444	6.709	8.387	9.025	8.295	8.998	8.642	7.977	8.749	8.763	9.756	10.000	10.000	8.821
Houston Pilots J - Lynchburg Ferries	8.000	6.941	7.424	7.506	6.939	7.351	8.025	7.167	7.283	8.591	7.296	8.400	8.636	10.000	10.000	9.449	9.191	8.028	8.408	9.345	8.668	7.852	8.697	6.435	8.034	8.782	8.259	9.070	8.262	8.071	8.903	8.802	9.727	9.927	10.000	8.875
Houston Pilots I - Exxon 3	8.514	7.472	7.748	7.223	6.277	6.680	7.767	7.740	7.147	7.941	6.880	7.520	8.813	10.000	10.000	9.252	9.316	7.966	8.820	9.289	8.533	8.015	8.578	6.541	7.433	8.845	8.362	9.291	8.377	8.424	8.943	9.078	9.734	9.941	10.000	9.459
Houston Pilots H - Morgans Point	8.598	7.878	7.585	7.222	6.179	6.655	7.438	7.666	6.900	7.355	6.673	6.932	8.906	10.000	10.000	9.119	9.264	8.227	9.156	9.141	8.438	8.456	8.665	7.161	7.588	8.955	8.307	9.560	8.850	8.561	8.823	9.117	9.783	10.000	10.000	9.753
Houston Pilots G - 75/76	8.216	8.303	7.970	7.817	6.989	6.952	7.372	7.191	6.683	6.871	6.267	7.034	9.417	9.985	9.706	9.234	9.196	8.564	9.632	9.089	8.600	9.266	8.526	7.658	7.576	8.989	8.703	9.242	8.875	8.728	8.562	9.201	10.000	10.000	10.000	9.882
Houston Pilots F - 63/64	7.844	8.269	8.348	8.174	7.805	7.920	7.126	6.851	6.971	6.510	6.014	7.758	9.556	9.500	9.114	9.360	8.958	9.142	9.909	9.070	8.745	9.468	8.455	7.995	7.942	9.406	8.969	9.187	8.516	9.005	8.429	9.304	10.000	10.000	10.000	9.364
Houston Pilots E - 51/52	7.830	8.090	8.632	8.307	8.490	8.650	7.027	6.581	7.637	6.782	6.312	8.564	9.422	9.459	8.873	9.551	9.046	9.423	9.722	9.011	8.881	9.580	8.167	7.923	8.343	9.272	8.887	9.092	8.290	8.626	8.110	8.856	10.000	10.000	9.741	
Houston Pilots D - 37/38	8.140	8.031	8.857	8.807	8.776	8.808	7.392	7.013	8.199	6.965	7.072	8.768	9.030	9.513	9.227	9.809	9.249	9.302	9.468	8.872	9.322	9.697	7.845	7.393	8.275	9.197	9.380	9.084	8.041	8.024	7.882	8.478	9.560	10.000	9.685	8.725
Houston Pilots C - 25/26	8.701	7.995	8.759	8.880	8.677	8.745	7.392	7.550	8.779	7.102	7.955	8.884	8.734	9.406	9.818	9.665	9.589	9.503	9.210	9.116	9.820	9.458	7.542	7.169	8.328	9.318	9.636	9.017	8.404	7.576	8.171	7.966	9.008	10.000	9.449	8.568
Houston Pilots B - 11/12	8.785	8.099	8.697	8.644	8.474	8.492	7.755	7.684	9.328	7.978	8.493	9.114	9.033	9.388	10.000	9.237	9.559	9.639	9.127	9.548	10.000	9.462	7.342	7.044	8.486	9.380	9.789	9.235	8.190	7.547	8.330	7.658	8.765	9.966	9.262	8.842
Houston Pilots A - 1 & 2 Bravo	9.253	8.890	8.298	7.970	8.100	8.367	8.155	7.526	9.881	9.637	9.143	9.777	9.983	9.395	9.624	8.549	9.412	9.770	9.501	10.000	10.000	8.709	7.564	7.138	8.748	9.877	9.704	8.384	7.577	7.214	8.246	7.290	8.365	8.881	8.411	8.803

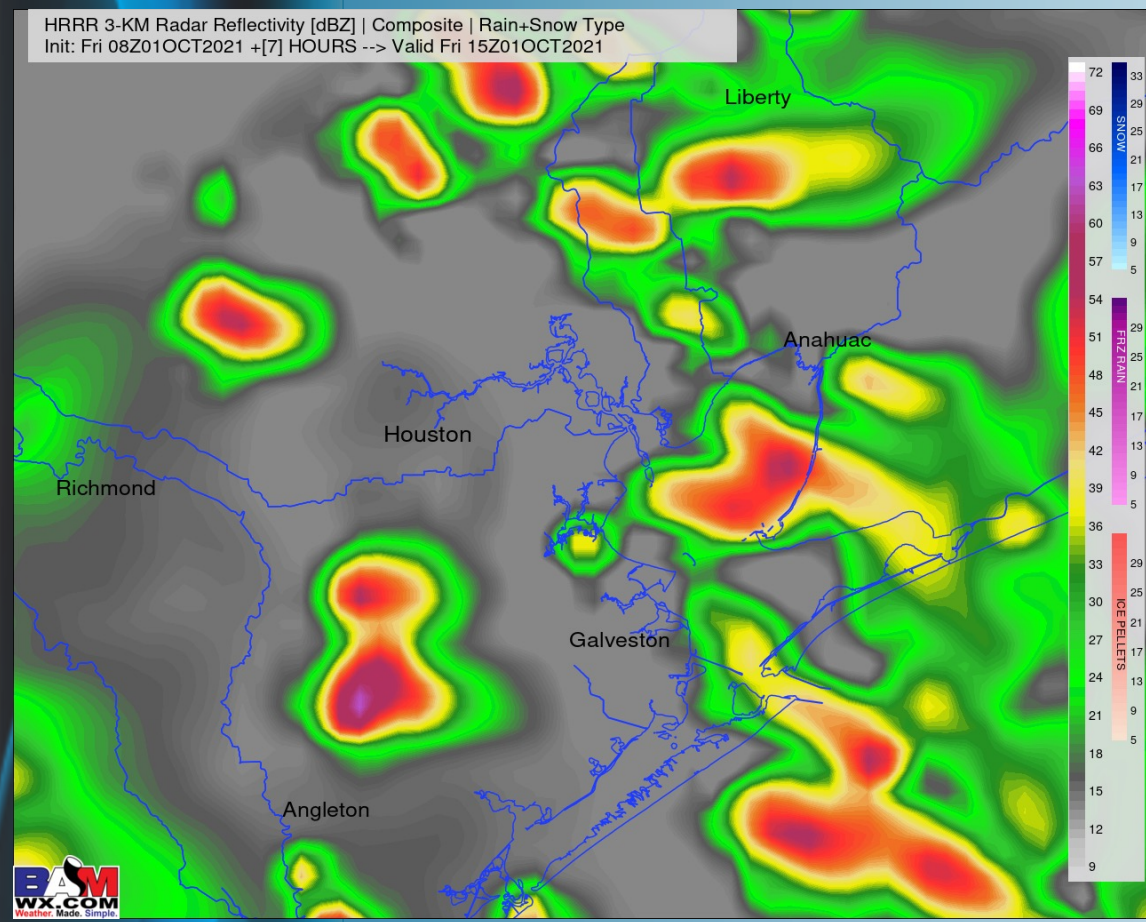
## Short-Term Forecast Discussion

- Today will be another day of numerous scattered shower and thunderstorm chances. The ~8 AM to ~3 PM timeframe will hold the highest chances for the day, with chances gradually fading later into the afternoon/evening. Locally heavier downpours + lightning will be possible in any cell, especially in the 8A-3P window.
- Winds today look to be coming out of the SE at 10-15 MPH with gusts 15-20 MPH possible for much of the day for most stations. Elevated winds inside of precipitation cannot be ruled out. Into the evening hours (~6 PM out through midnight), sustained winds at the boarding station look to increase to 15-25 MPH.
  - Today's high temps persist in the lower 80s.
  - *No fog is favored for today to tonight.*

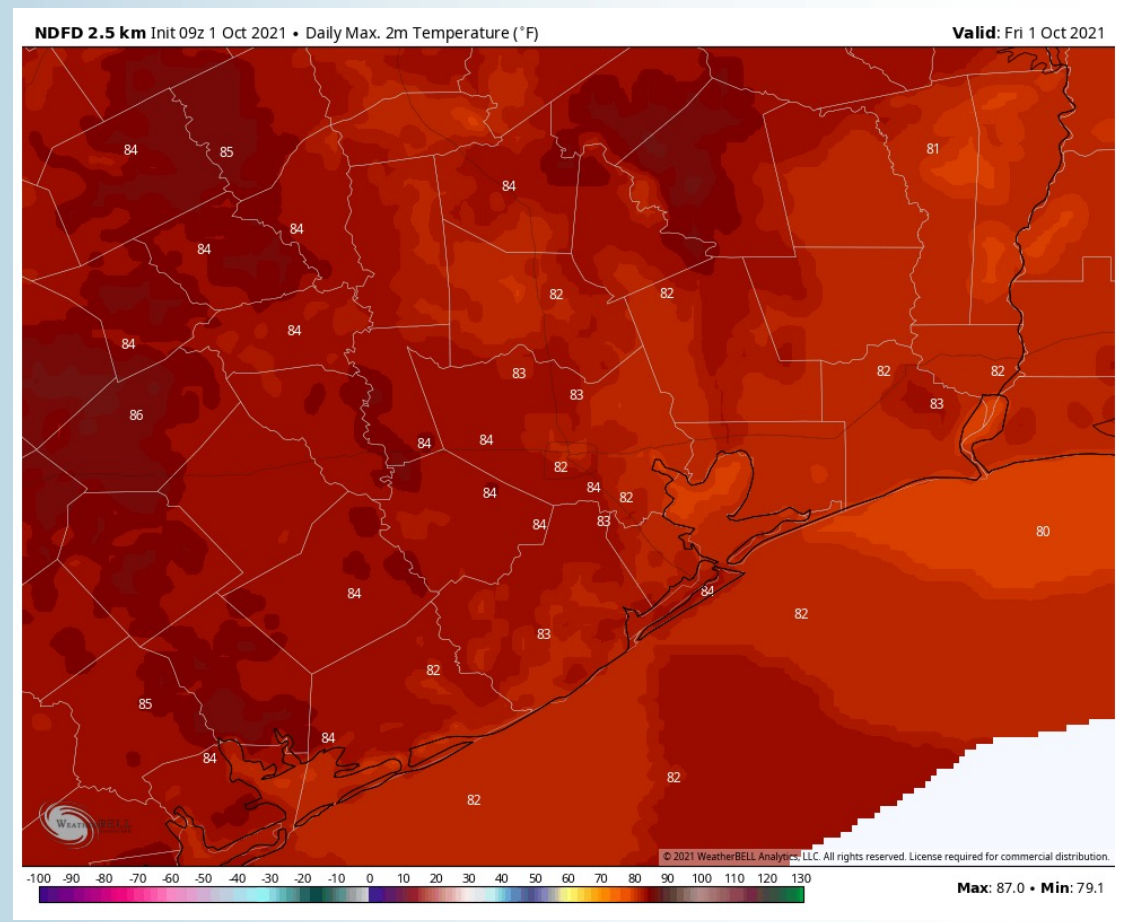
## Sustained Winds (7 PM CT)



## Simulated Radar Snapshot (10 AM CT)



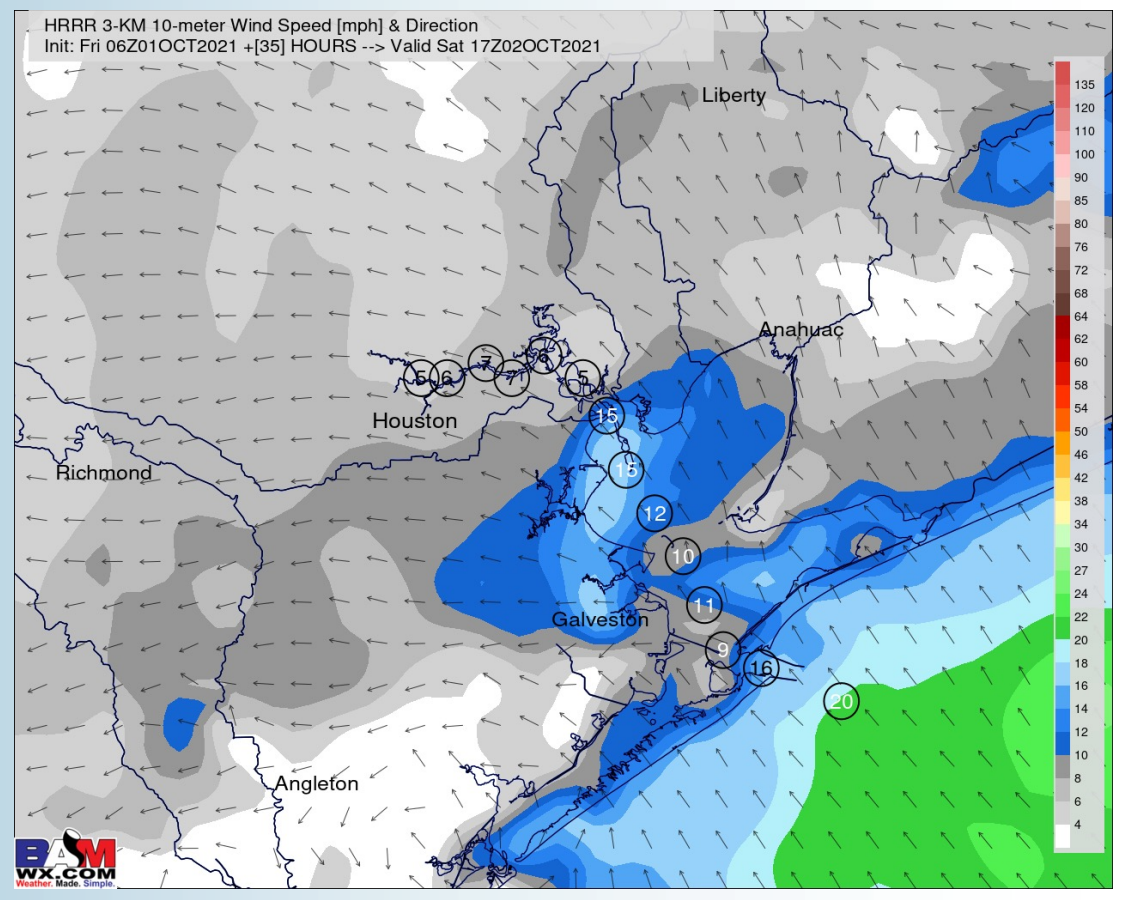
## High Temperatures Friday



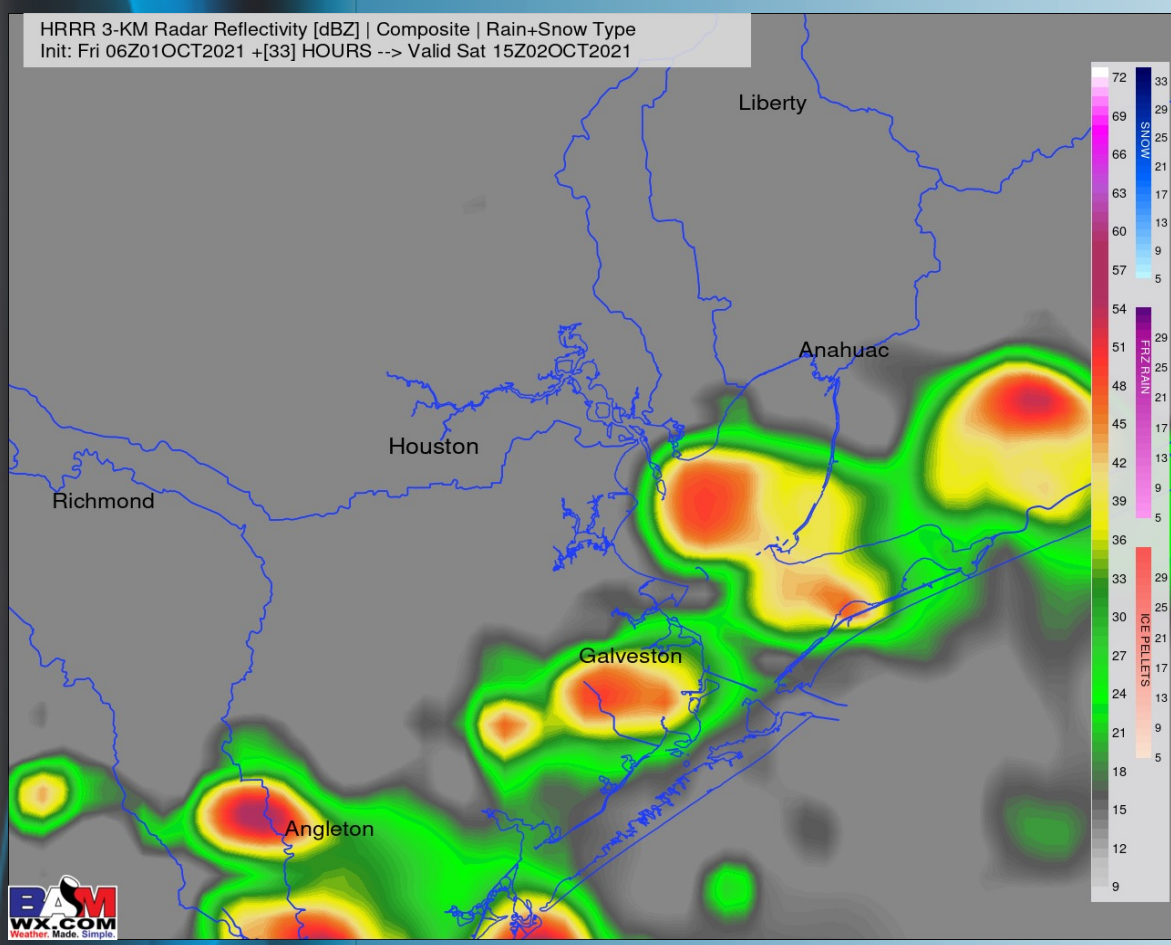
## Short-Term Forecast Discussion

- Precip chances will continue into Saturday with rounds of moisture drifting onshore. At this distance, guidance is in decent agreement that precip should start to taper off mid-afternoon and lead to lower chances Sat night into Sunday AM.
- Winds for Saturday will be coming onshore at 8-13 MPH with gusts 13-18 MPH at the boarding station out of the SSE. Gusts 25-30 MPH would be possible inside any cell, but is not favored outside of precip.
- Highs for Saturday top out in the lower 80s.
- *Not expecting fog Saturday.*

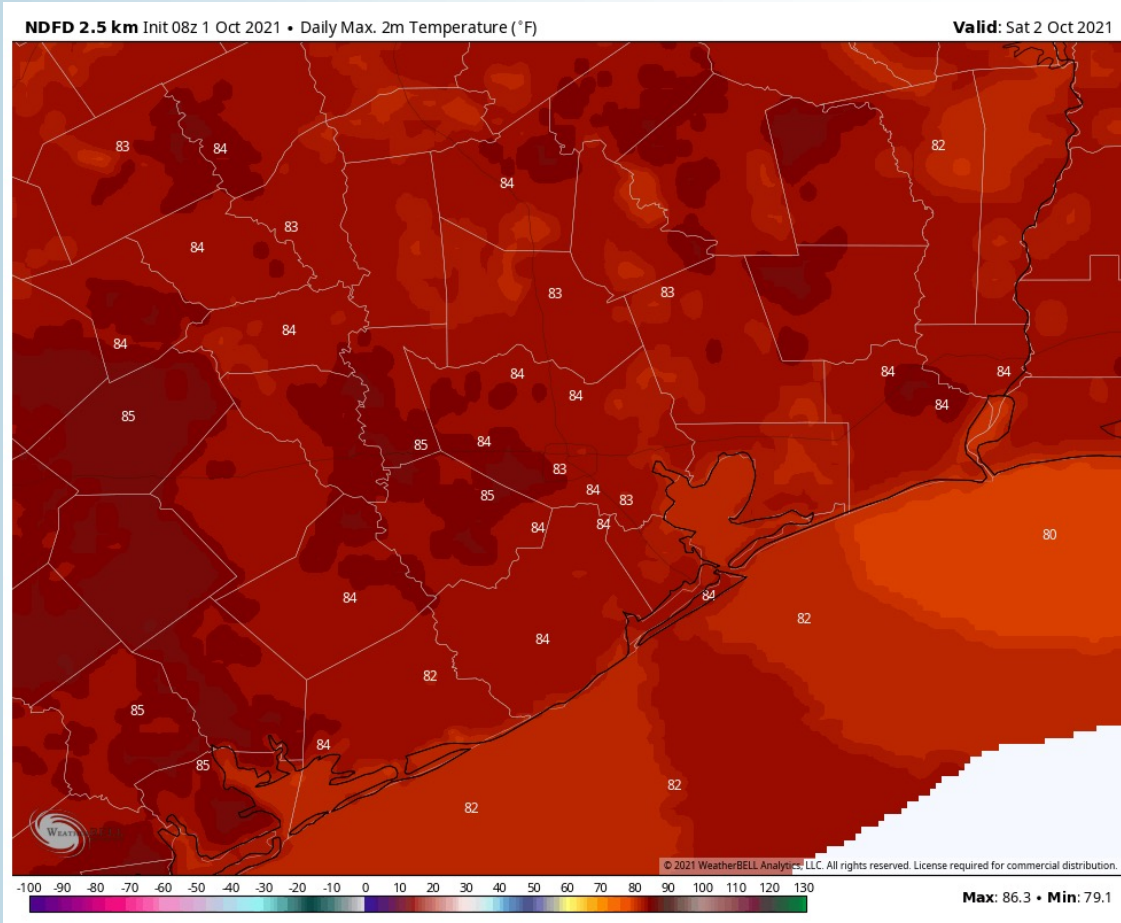
## Sustained Winds (12 PM CT)



## Simulated Radar Snapshot (10 AM CT)



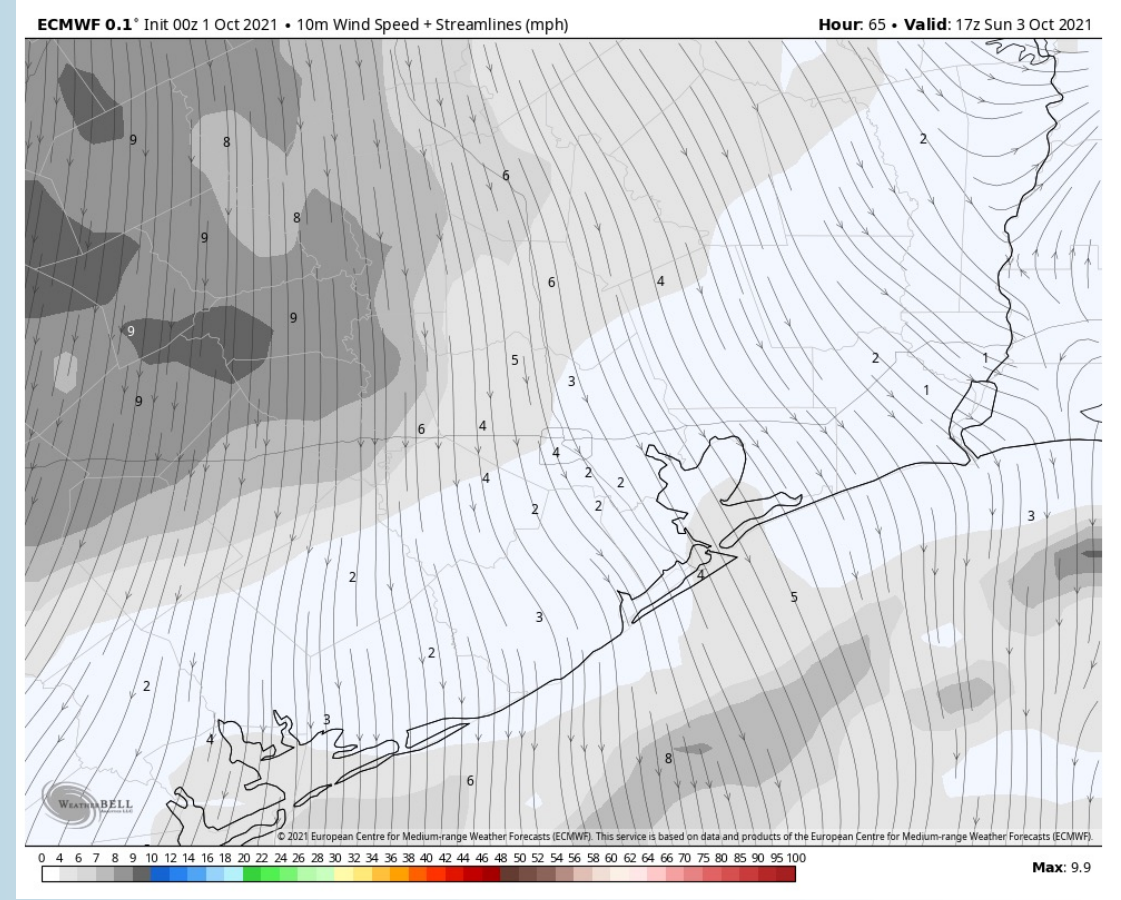
## High Temps Saturday



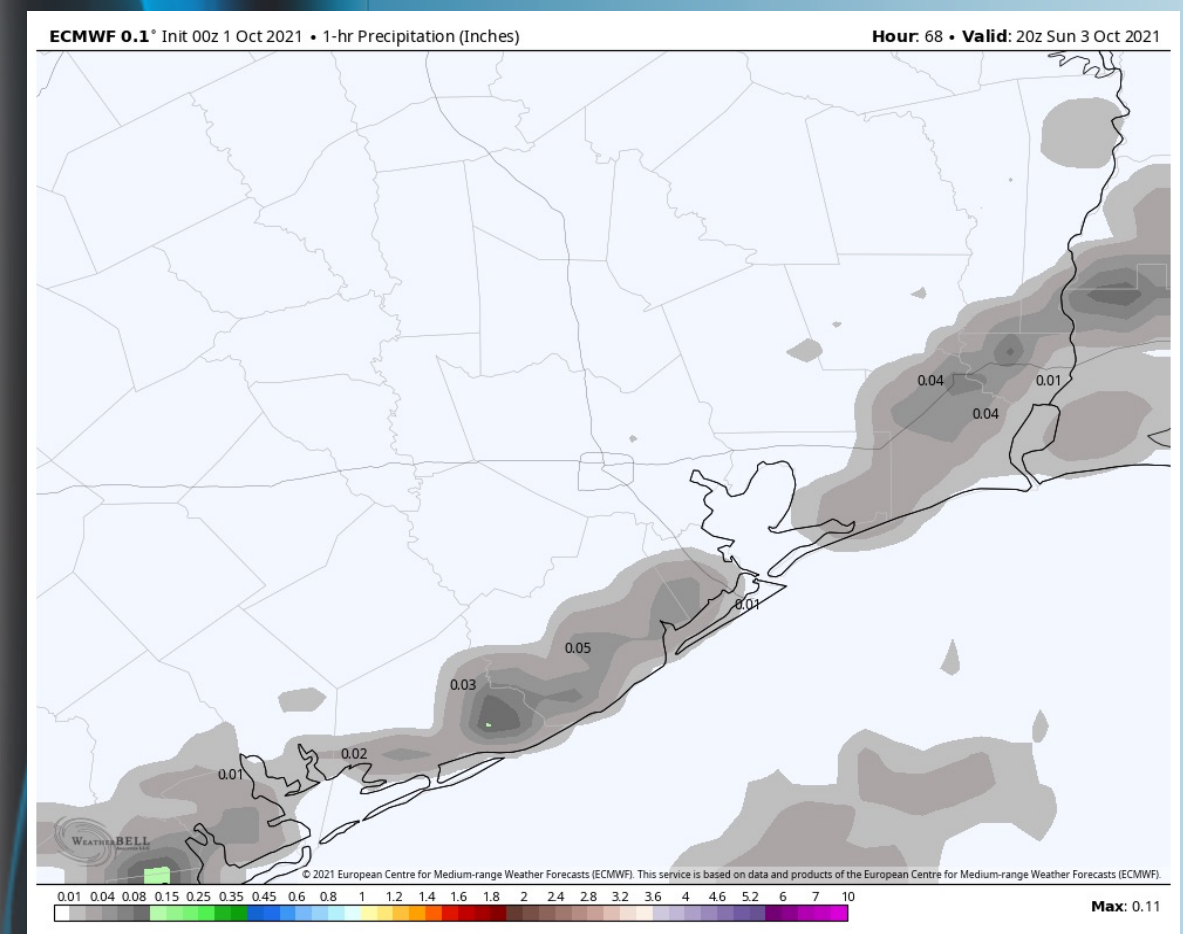
## Short-Term Forecast Discussion

- Isolated precip will be around the boarding station Sun morning, looking more quiet mid to late morning to early afternoon. Another isolated chance pops up ~2-6 PM before drying back out into next week. Not expecting widespread precipitation chances.
- Winds weaken on Sunday, starting out of the NNE at 4-8 MPH, switching to more out of the South mid to late afternoon to the evening.
- Highs for Sunday top out in the low to mid 80s.
- *Not expecting fog Sunday night at this time.*

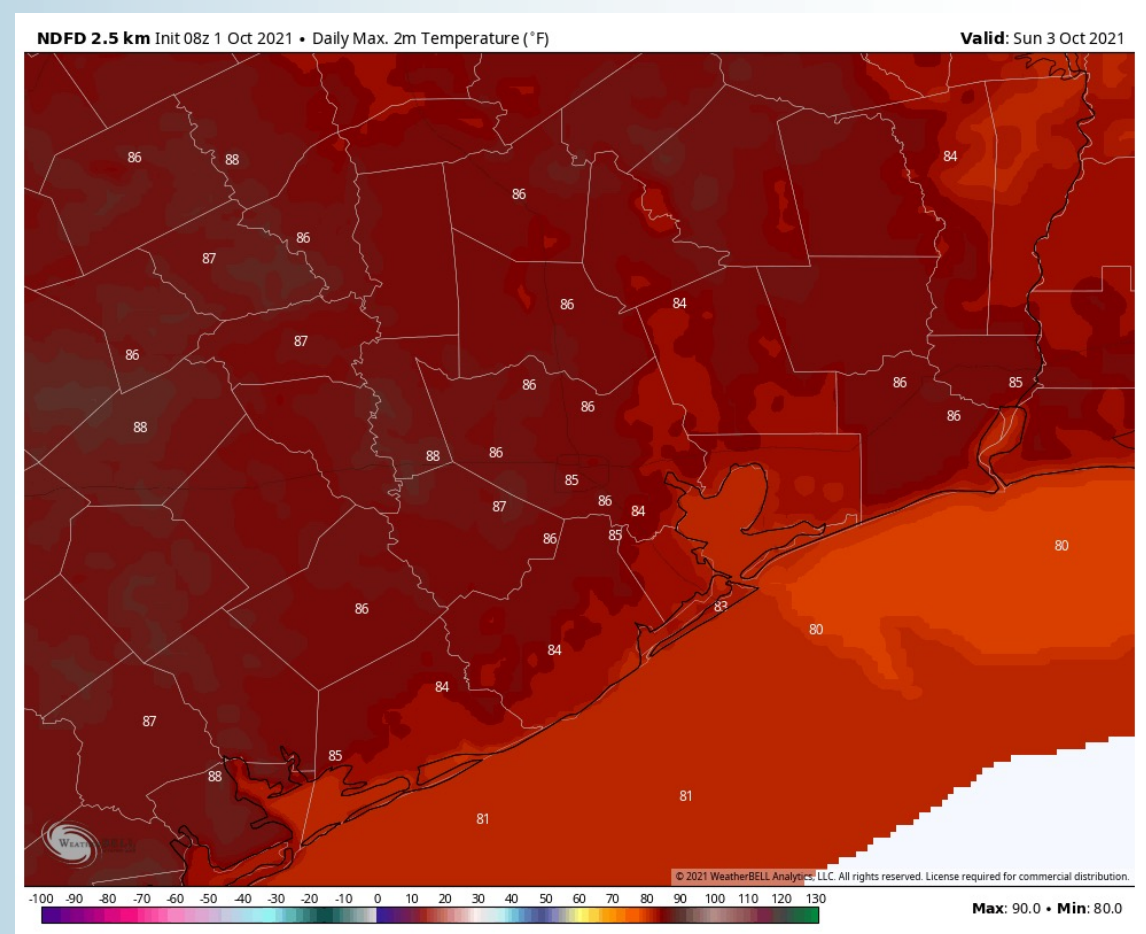
## Sustained Winds (12 PM CT)



## Simulated Radar Snapshot (3 PM CT)



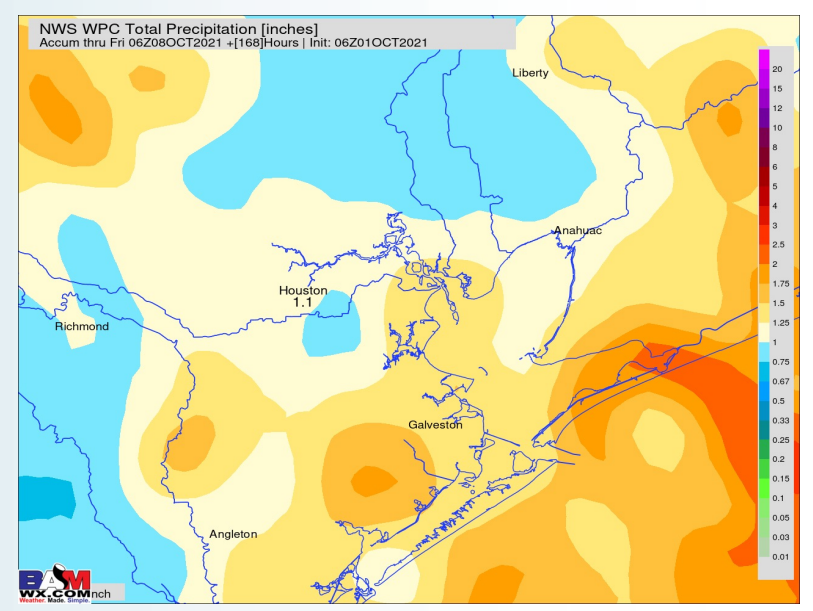
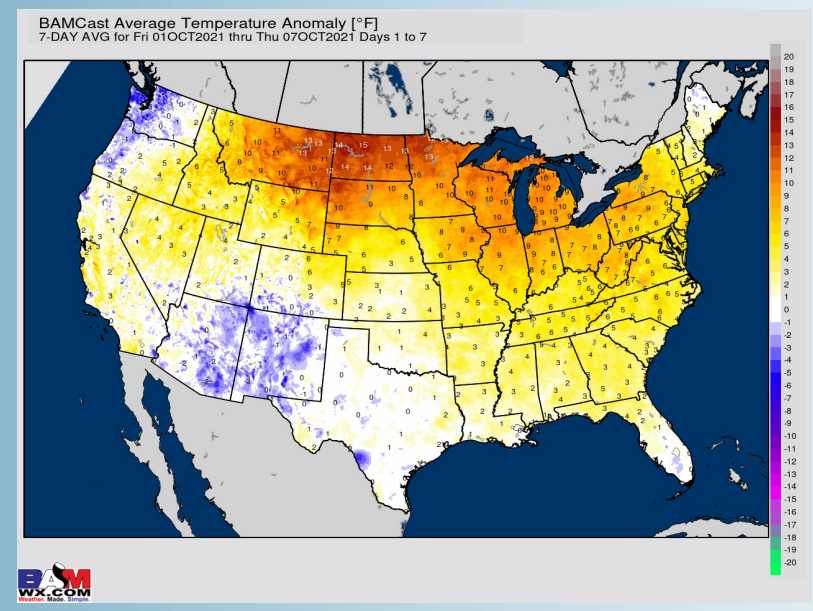
## High Temps Sunday



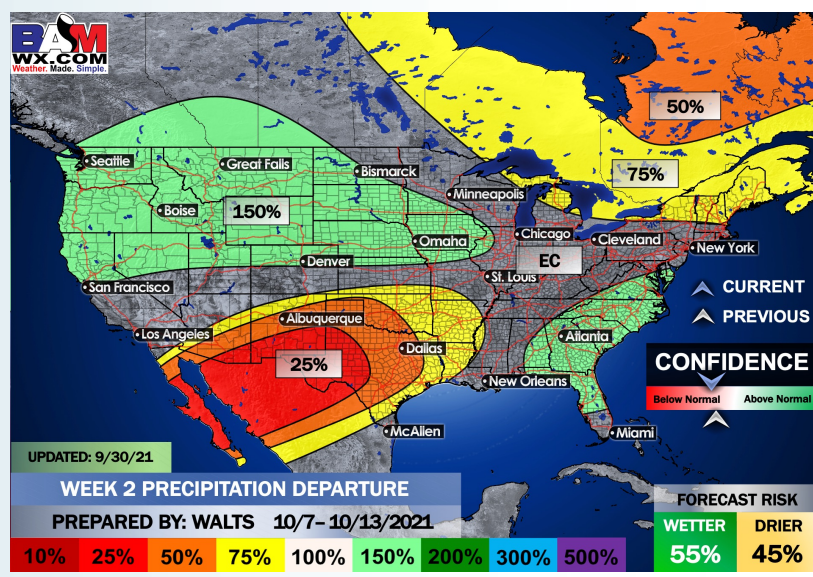
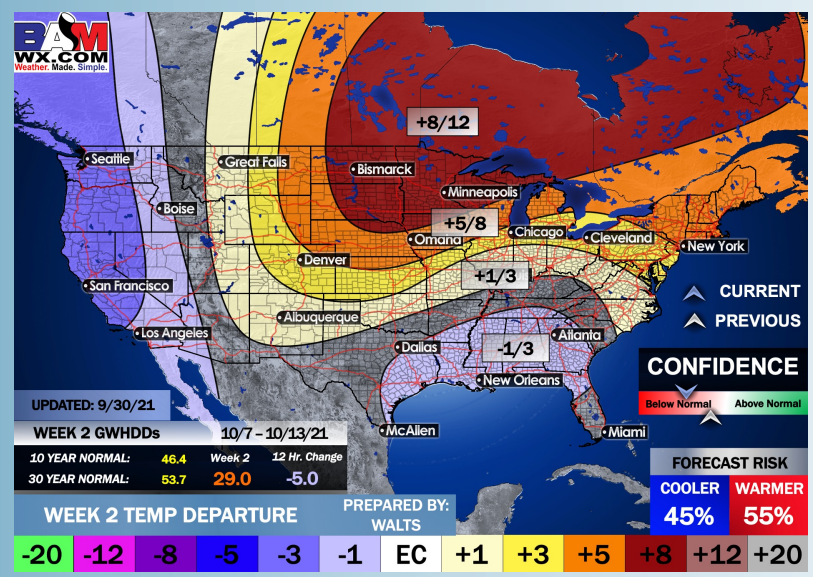
## Long-Range Forecast Discussion

- Daily rain chances will be possible out through the weekend as the active stretch of weather continues ahead of a cold front. Multiple bouts of heavy rain will be possible, especially in the afternoon hours. A quieter weather pattern settles in behind the cold front MON - THU
- The week 2 timeframe is expected to have slightly below average temps with normal to slightly above average precip risks. Not eyeing a specific threat for a tropical storm or hurricane at this distance but will need to continue to monitor.
- Right now, we have risks for slightly below normal temps and near normal to slightly below normal precip for the weeks 3/4 period. We will continue to monitor for tropical disturbances during this time. All it takes is for one system to produce above normal rainfall. The forecast may ultimately be “boom or bust” regarding precipitation potential.

## Week 1 Forecast



## Week 2 Forecast



## Weeks 3/4 Forecast

