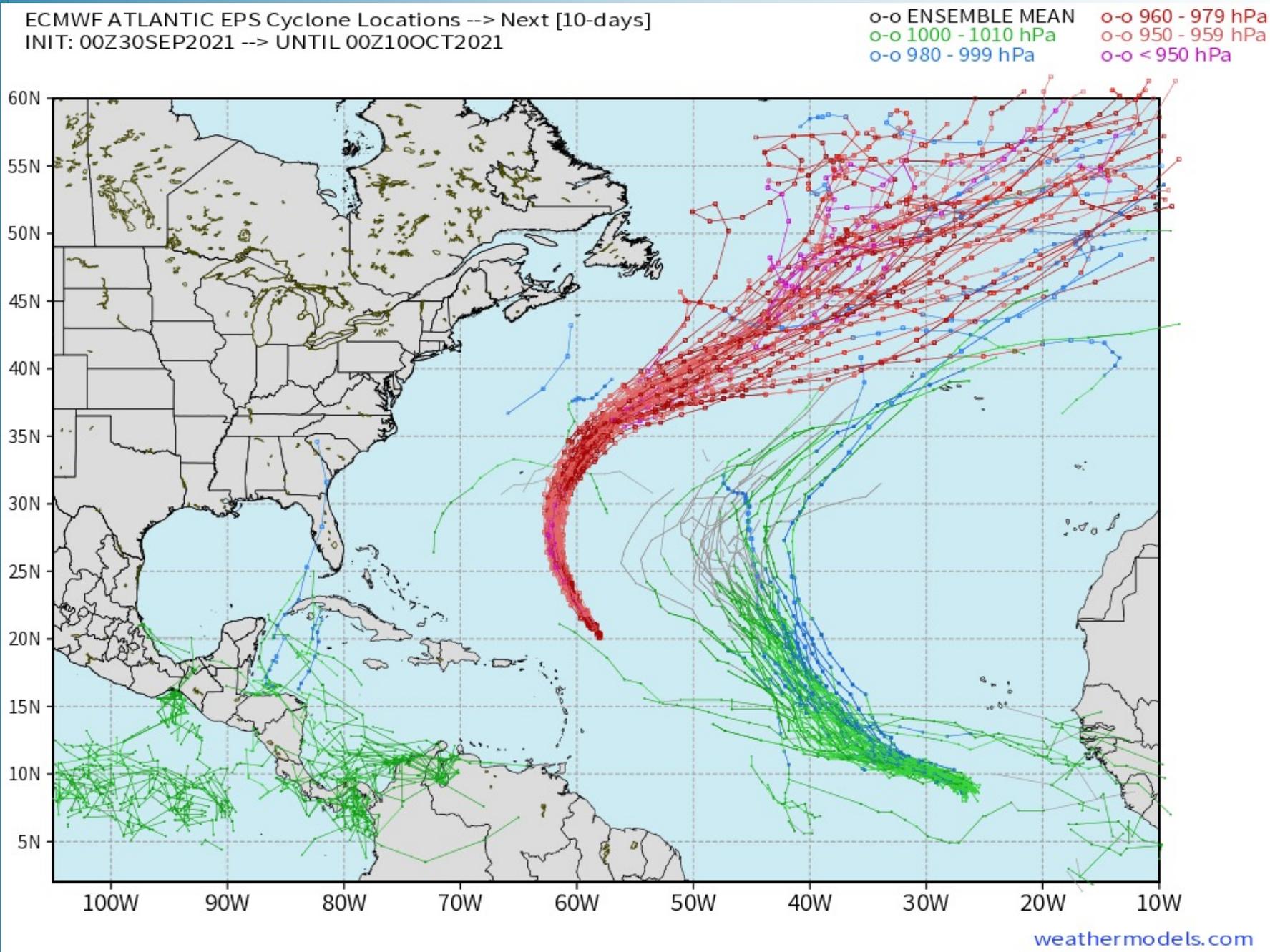


Updated: 5:00 AM CT, Thursday, September 30, 2021

- **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

Thursday, September 30, 2021

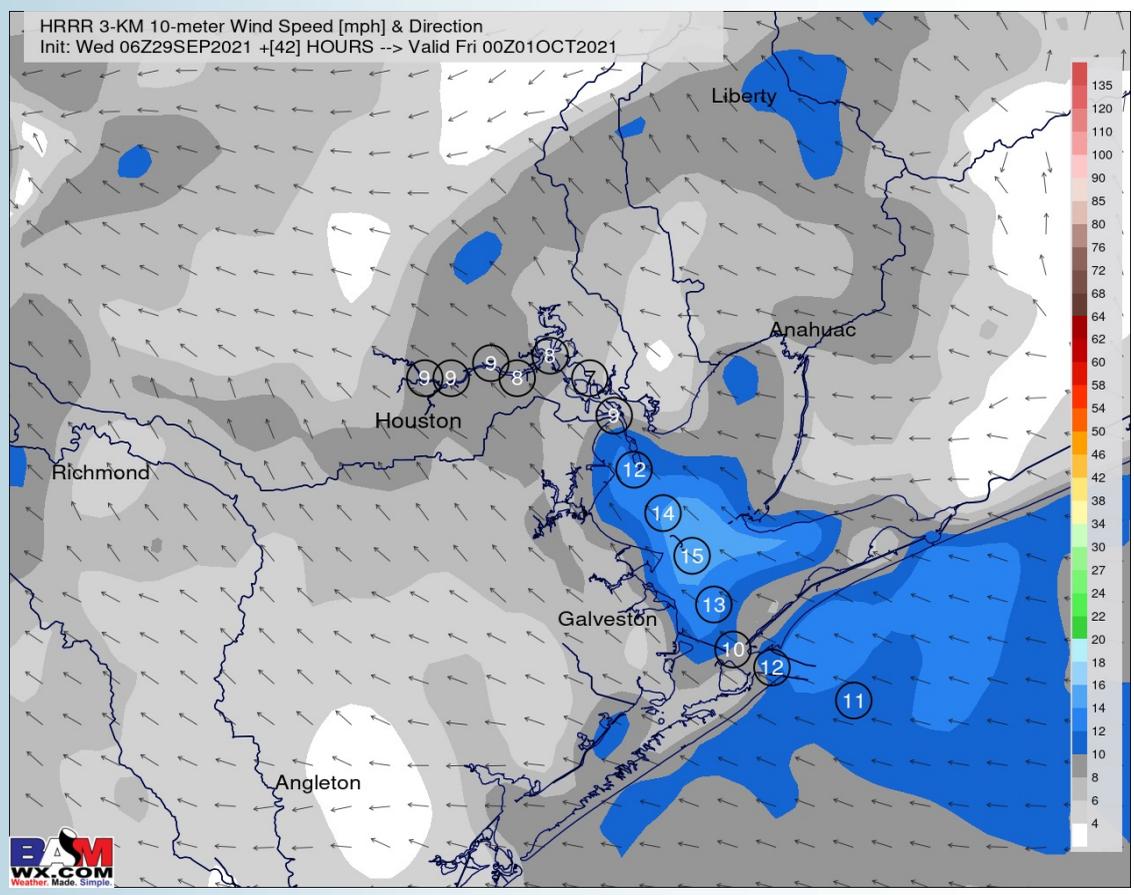
HOURLY VISIBILITY BREAKDOWN (in miles)

Time	09-30-2021 Thu 4am	09-30-2021 Thu 5am	09-30-2021 Thu 6am	09-30-2021 Thu 7am	09-30-2021 Thu 8am	09-30-2021 Thu 9am	09-30-2021 Thu 10am	09-30-2021 Thu 11am	09-30-2021 Thu 12pm	09-30-2021 Thu 1pm	09-30-2021 Thu 2pm	09-30-2021 Thu 3pm	09-30-2021 Thu 4pm	09-30-2021 Thu 5pm	09-30-2021 Thu 6pm	09-30-2021 Thu 7pm	09-30-2021 Thu 8pm	09-30-2021 Thu 9pm	09-30-2021 Thu 10pm	09-30-2021 Thu 11pm	10-01-2021 Fri 12am	10-01-2021 Fri 1am	10-01-2021 Fri 2am	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
Houston Pilots N - 610 Bridge	7.624	7.465	7.928	7.591	7.540	8.083	8.754	8.338	9.050	9.203	9.453	10.000	10.000	10.000	10.000	9.377	9.033	8.552	8.574	8.349	8.491	8.225	7.810	7.719	7.077	7.036	6.551	6.842	8.036	8.525	8.494	9.182	7.845	8.538	9.510	10.000
Houston Pilots M - Kinder 1	7.769	7.532	8.080	7.950	7.719	7.790	8.416	8.061	8.972	9.294	9.540	10.000	10.000	10.000	10.000	9.422	8.902	8.511	8.573	8.434	8.436	8.151	7.706	7.737	7.145	7.155	6.701	7.000	7.966	8.388	8.526	9.289	8.304	8.589	9.477	10.000
Houston Pilots L - Greens Bayou	7.963	7.659	8.329	8.442	7.876	7.639	8.059	7.879	8.971	9.389	9.404	10.000	10.000	10.000	10.000	9.407	8.797	8.286	8.562	8.558	8.324	8.122	7.601	7.918	7.355	7.176	6.772	6.940	7.902	7.904	8.437	9.268	8.971	8.876	9.508	10.000
Houston Pilots K - Shell Crude	7.902	7.844	8.212	8.562	8.092	7.385	7.576	7.334	8.902	9.556	9.625	10.000	10.000	10.000	10.000	9.285	8.788	8.343	8.561	8.624	8.541	7.962	7.592	7.689	7.527	7.493	6.897	7.271	7.758	7.843	8.286	9.331	9.102	9.204	9.634	10.000
Houston Pilots J - Lynchburg Ferries	8.106	8.198	8.296	8.723	8.001	7.178	7.034	7.354	8.694	9.570	9.779	10.000	10.000	10.000	10.000	9.030	8.782	8.352	8.437	8.561	8.424	7.747	7.585	7.559	7.923	7.496	6.684	7.230	7.664	7.422	7.968	9.334	9.324	9.605	9.977	10.000
Houston Pilots I - Exxon 3	8.516	8.777	8.689	9.115	7.880	7.639	6.529	6.578	8.543	9.301	10.000	10.000	10.000	10.000	9.678	8.660	8.995	8.794	8.572	8.616	8.707	7.694	8.210	7.727	8.142	7.988	7.037	7.322	7.508	7.082	7.817	9.446	9.483	10.000	9.831	10.000
Houston Pilots H - Morgans Point	8.902	9.079	9.190	9.327	8.222	8.051	6.644	6.365	8.240	8.718	10.000	10.000	10.000	10.000	9.339	8.596	9.064	9.065	8.714	8.868	8.907	7.809	8.778	8.286	8.193	8.314	7.596	7.427	7.703	7.144	7.900	9.111	9.798	10.000	9.527	10.000
Houston Pilots G - 75/76	9.362	9.247	9.543	9.683	8.698	8.334	6.473	6.043	7.354	7.679	10.000	9.735	10.000	9.754	9.353	8.428	9.333	9.473	8.816	9.072	9.105	7.951	9.297	8.821	8.706	8.457	8.420	7.910	8.174	7.024	8.053	8.967	10.000	10.000	9.451	10.000
Houston Pilots F - 63/64	9.470	9.632	10.000	9.822	9.270	8.380	6.957	6.235	6.840	6.463	9.864	9.491	9.613	9.134	9.196	8.247	9.623	9.592	8.992	9.488	9.359	8.035	9.575	9.156	8.820	8.460	8.527	8.302	8.486	7.279	8.671	8.934	10.000	10.000	9.428	10.000
Houston Pilots E - 51/52	9.502	9.853	10.000	9.518	9.532	8.621	7.223	6.235	6.801	5.845	9.734	8.792	9.335	8.884	9.115	8.308	9.678	9.625	9.031	9.486	9.516	8.412	9.571	9.280	9.110	8.403	8.449	8.803	8.272	7.512	8.748	8.695	9.511	9.983	9.409	9.736
Houston Pilots D - 37/38	9.253	9.550	9.854	9.331	9.574	8.102	7.141	6.682	6.654	5.783	9.646	8.888	9.262	8.886	9.092	8.428	9.261	9.366	9.193	9.580	9.260	9.220	9.585	9.201	8.916	8.362	8.508	8.857	7.887	7.602	8.813	8.831	9.054	9.860	9.673	9.649
Houston Pilots C - 25/26	9.244	9.411	9.793	9.392	9.499	7.490	7.058	7.386	6.722	5.965	9.262	8.784	9.415	9.424	8.675	8.504	9.071	9.060	9.687	10.000	9.570	9.897	9.818	9.156	8.996	8.733	8.786	8.392	7.257	7.889	8.578	8.988	8.857	9.569	9.663	9.528
Houston Pilots B - 11/12	9.695	9.165	9.458	9.345	9.285	7.370	6.770	7.635	6.924	5.794	8.589	8.190	9.419	9.461	8.425	9.036	8.934	9.146	9.663	10.000	9.703	9.994	9.762	9.485	9.186	9.204	8.790	7.824	7.103	8.113	8.403	9.378	9.032	9.643	9.472	9.610
Houston Pilots A - 1 & 2 Bravo	10.000	9.433	9.402	9.671	8.312	7.256	6.926	7.378	7.488	6.286	6.652	7.672	9.129	9.595	8.307	9.281	9.163	9.169	9.566	9.879	9.740	9.614	9.830	9.174	9.954	9.809	8.926	6.775	7.194	8.817	8.384	9.801	8.849	9.712	9.361	9.950

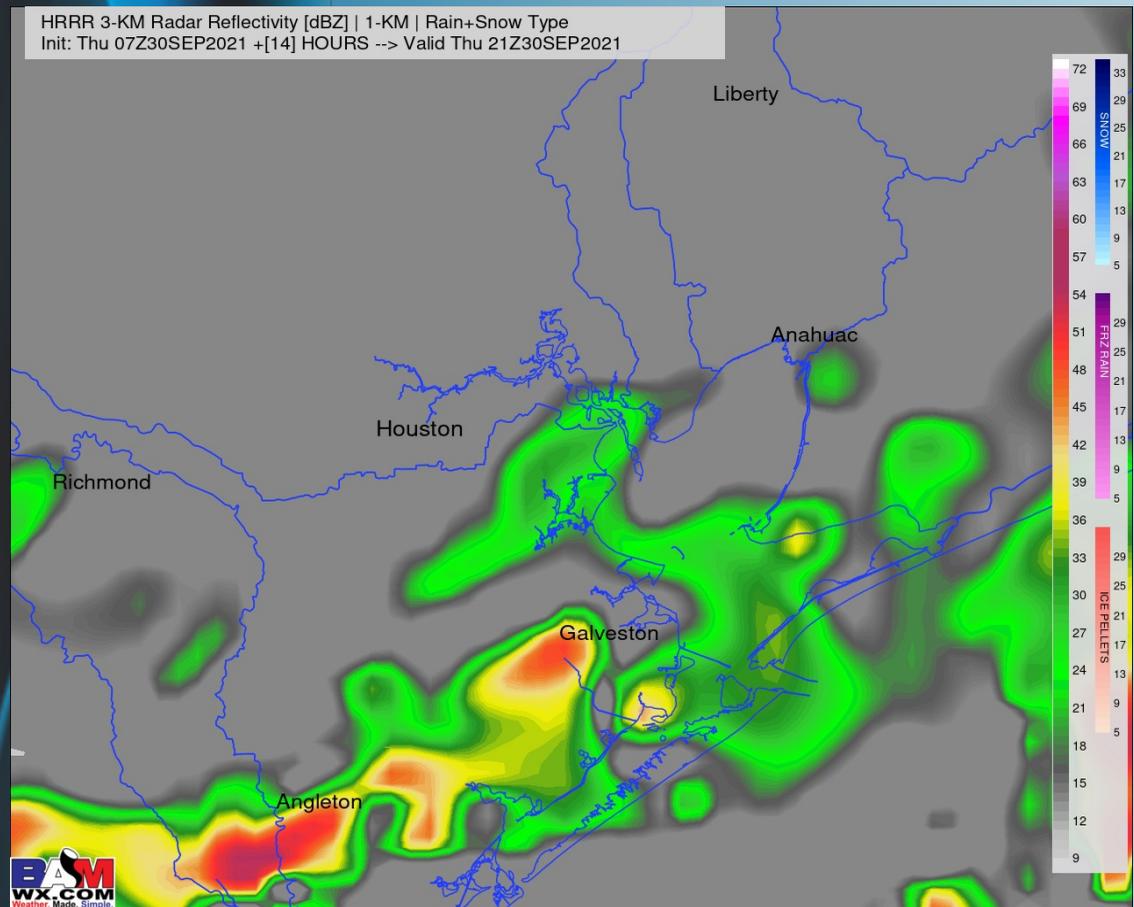
Short-Term Forecast Discussion

- A touch lower confidence today as there is a bit of uncertainty as to how the afternoon progresses. Expecting hit and miss cells to start increasing closer to the ~9 AM timeframe and continue through the afternoon hours. Some data suggests precip can become more organized and widespread, however we will continue to favor precip being a bit more hit and miss. We will fine tune this with our PM update. Any cell could provide a briefly moderate to heavy downpour.
- Winds look to be coming out of the S at 10-15 MPH sustained with gusts 15-20 MPH possible (variations to SSW / SSE possible). *There is some data that is suggestive of gusts 25-30 MPH within heavier cells, however it is very hard to say which (if any) cells would produce that.*
- High temperatures favored to be in the low to mid 80s.
- *Not anticipating fog for today, but reduced visibility will be possible inside any precip.*

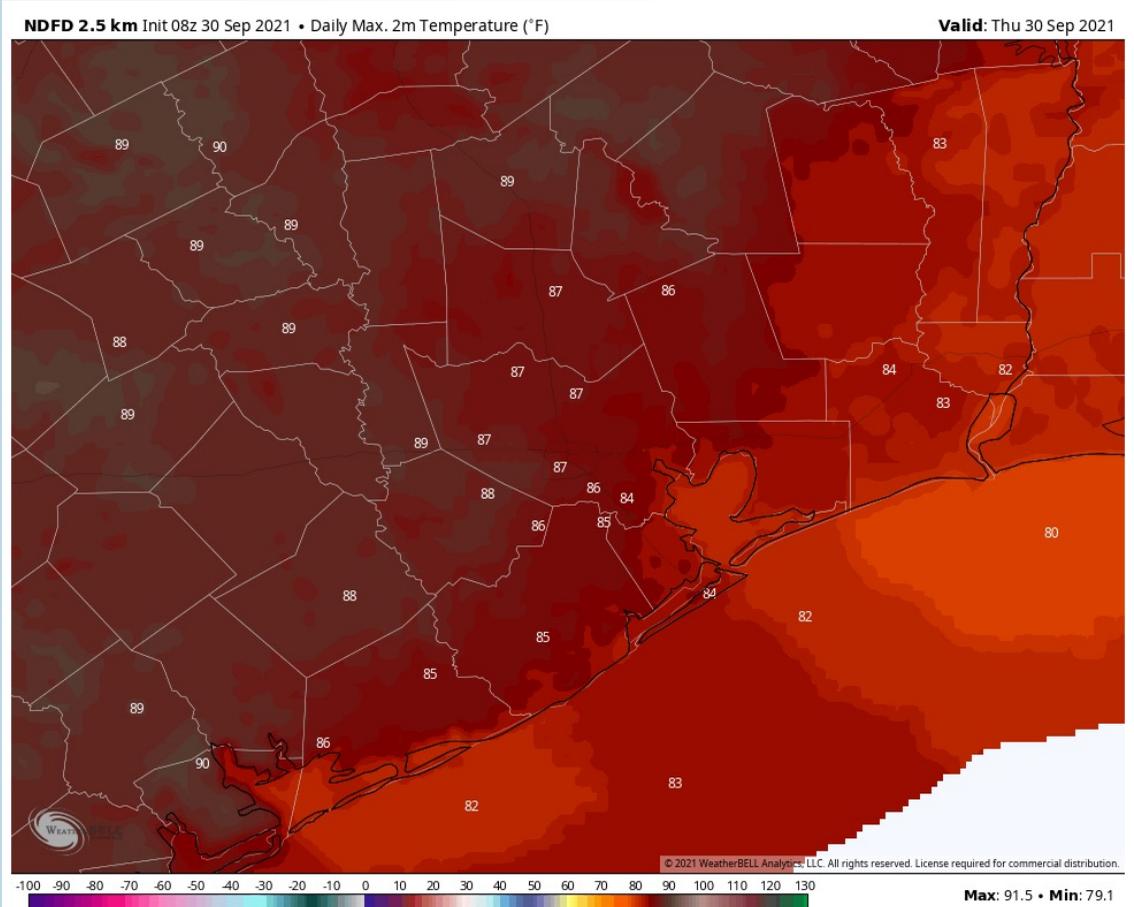
Sustained Winds (6 PM CT)



Simulated Radar Snapshot (4 PM CT)



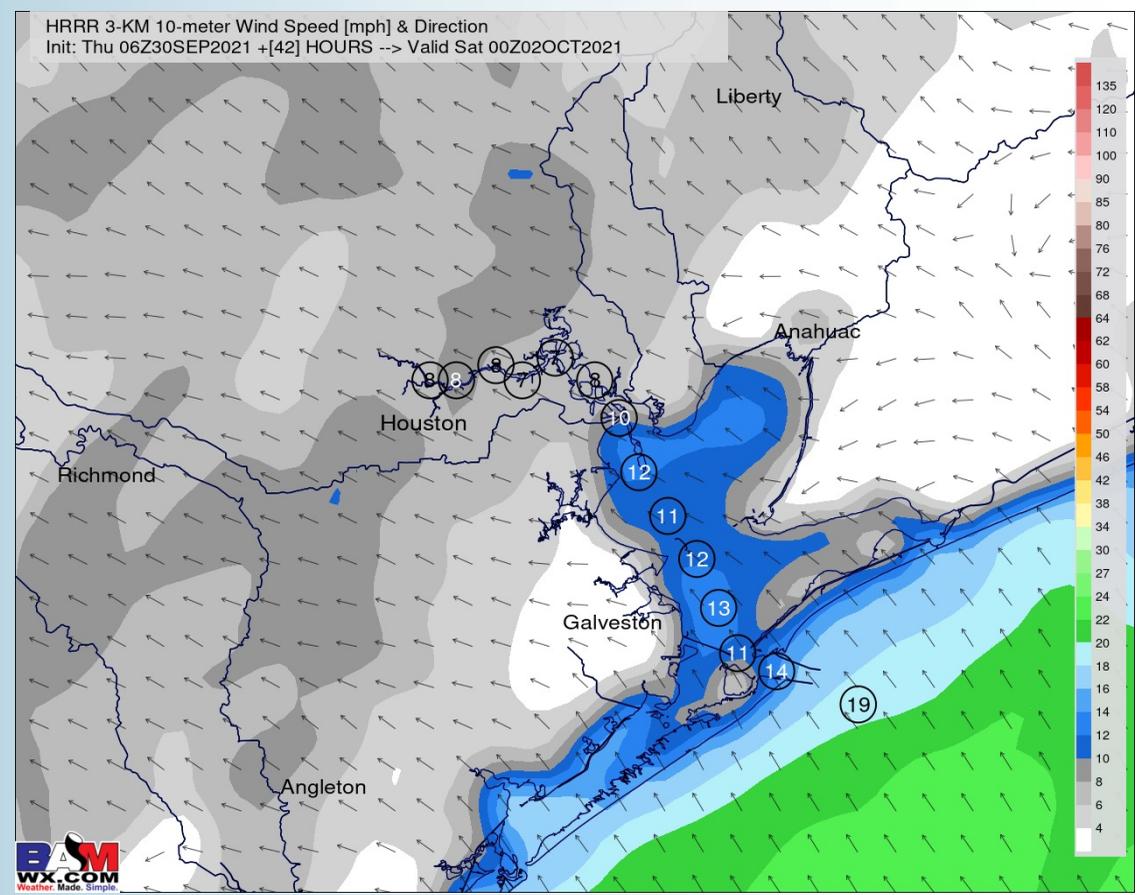
High Temperatures Today



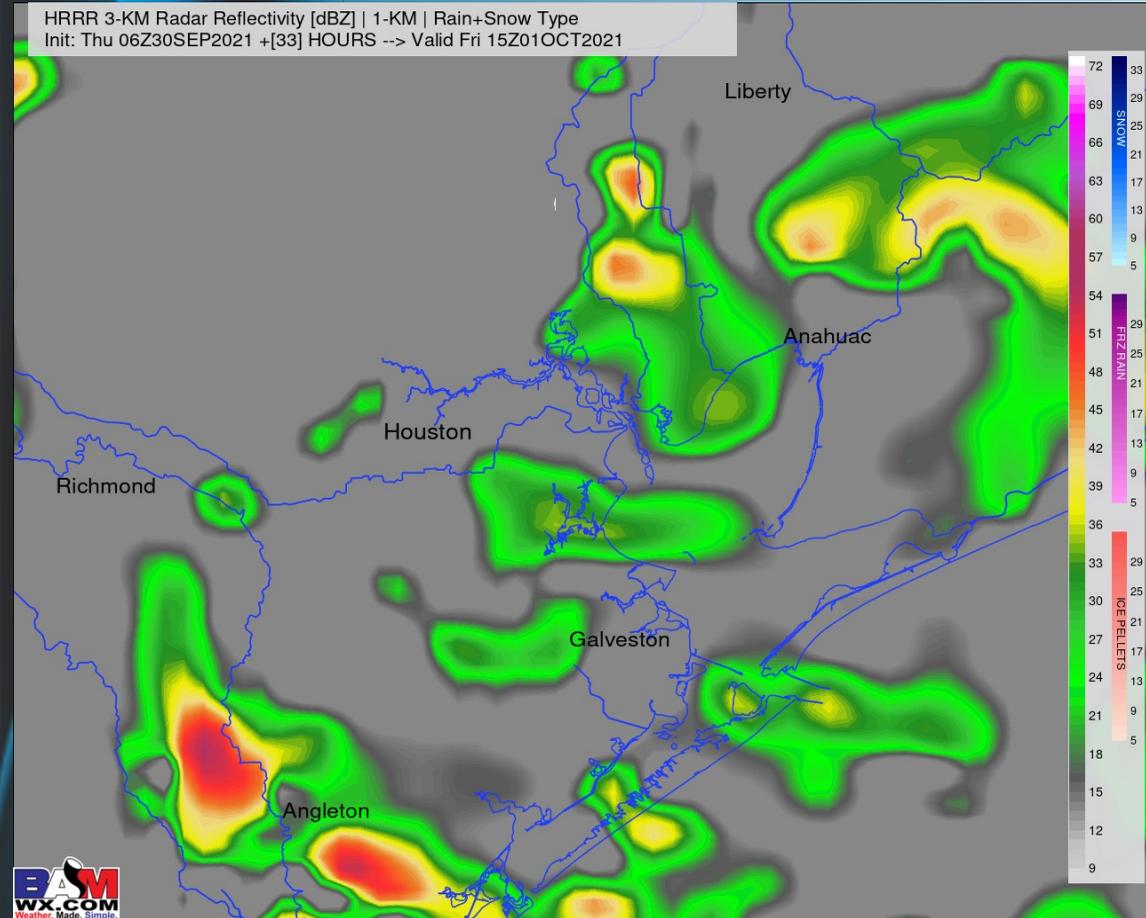
Short-Term Forecast Discussion

- Friday will be another day of scattered shower and thunderstorm chances (60-70% for the day as a whole). Pockets of precip look to be hit and miss, but chances will be present for much of the day. If there was a period of lower chances, it would come after ~5 PM and into the evening. Locally heavier downpours + lightning will be possible in any cell.
- Winds on Friday 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 some to 15-20 MPH.
- Friday's high temps persist in the lower 80s.
- *No fog is favored for Friday.*

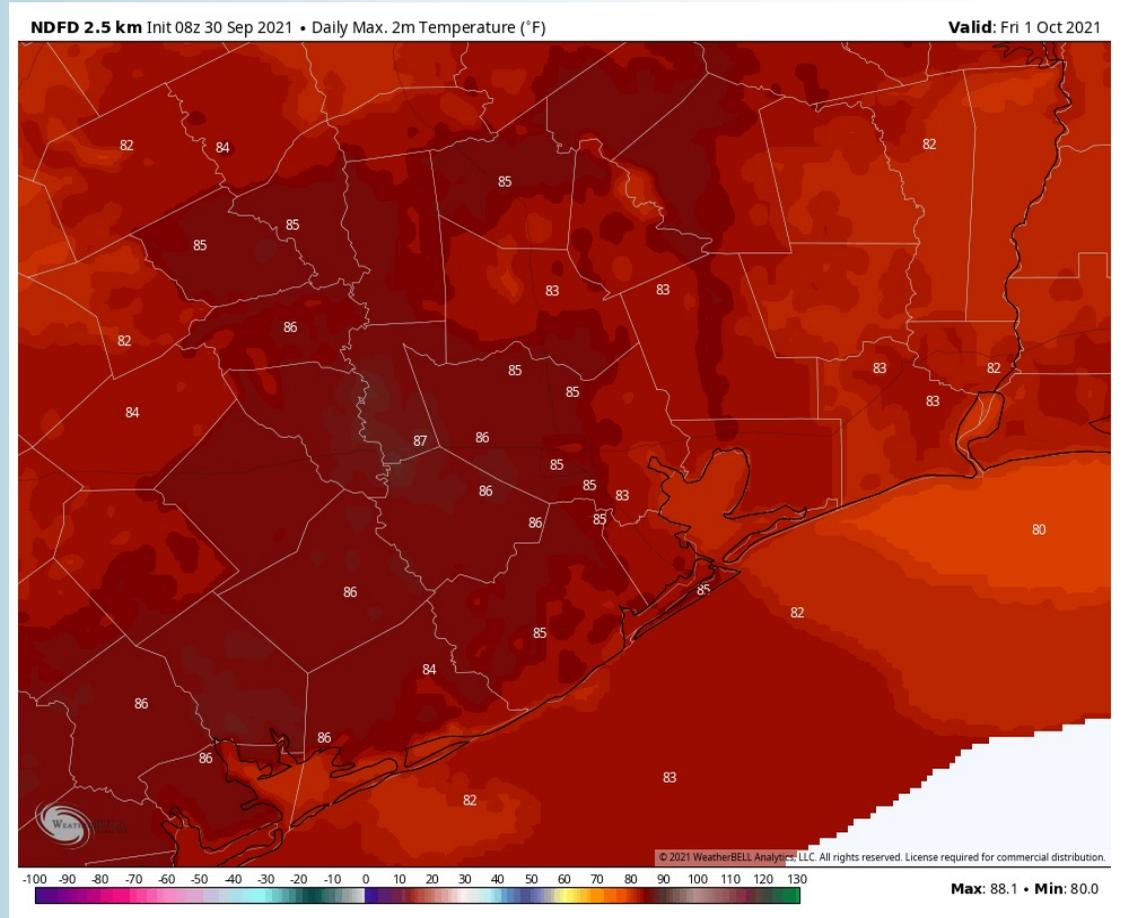
Sustained Winds (7 PM CT)



Simulated Radar Snapshot (10 AM CT)



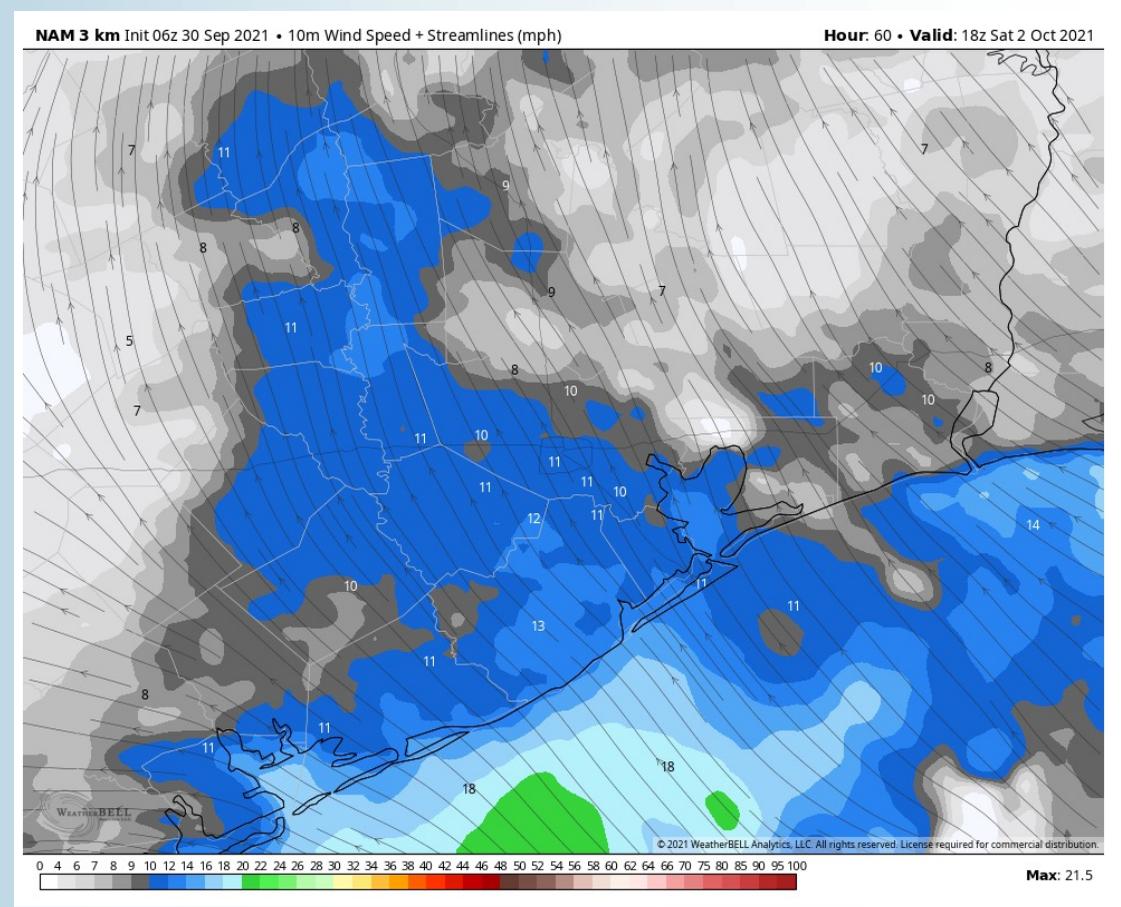
High Temperatures Friday



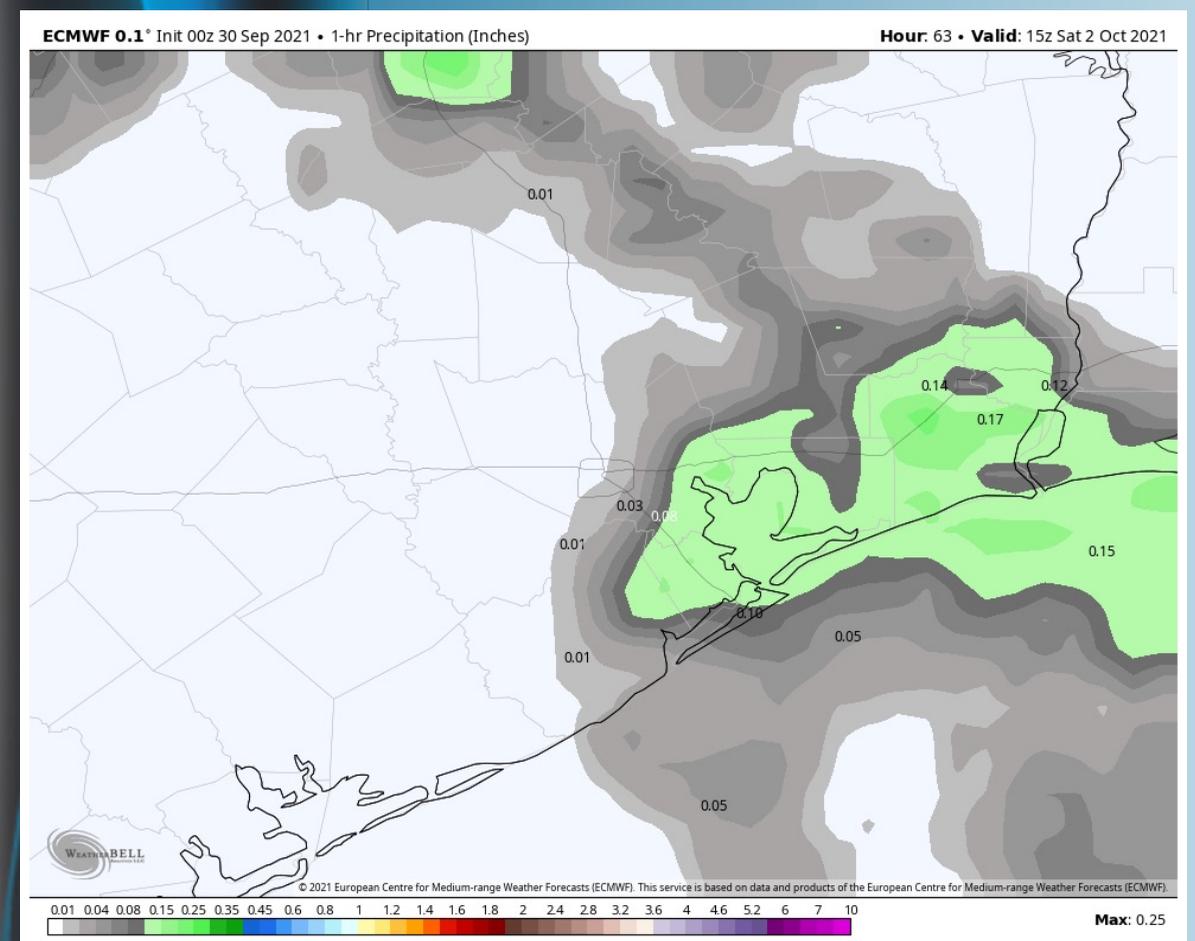
Short-Term Forecast Discussion

- **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 Sat 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. 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.***

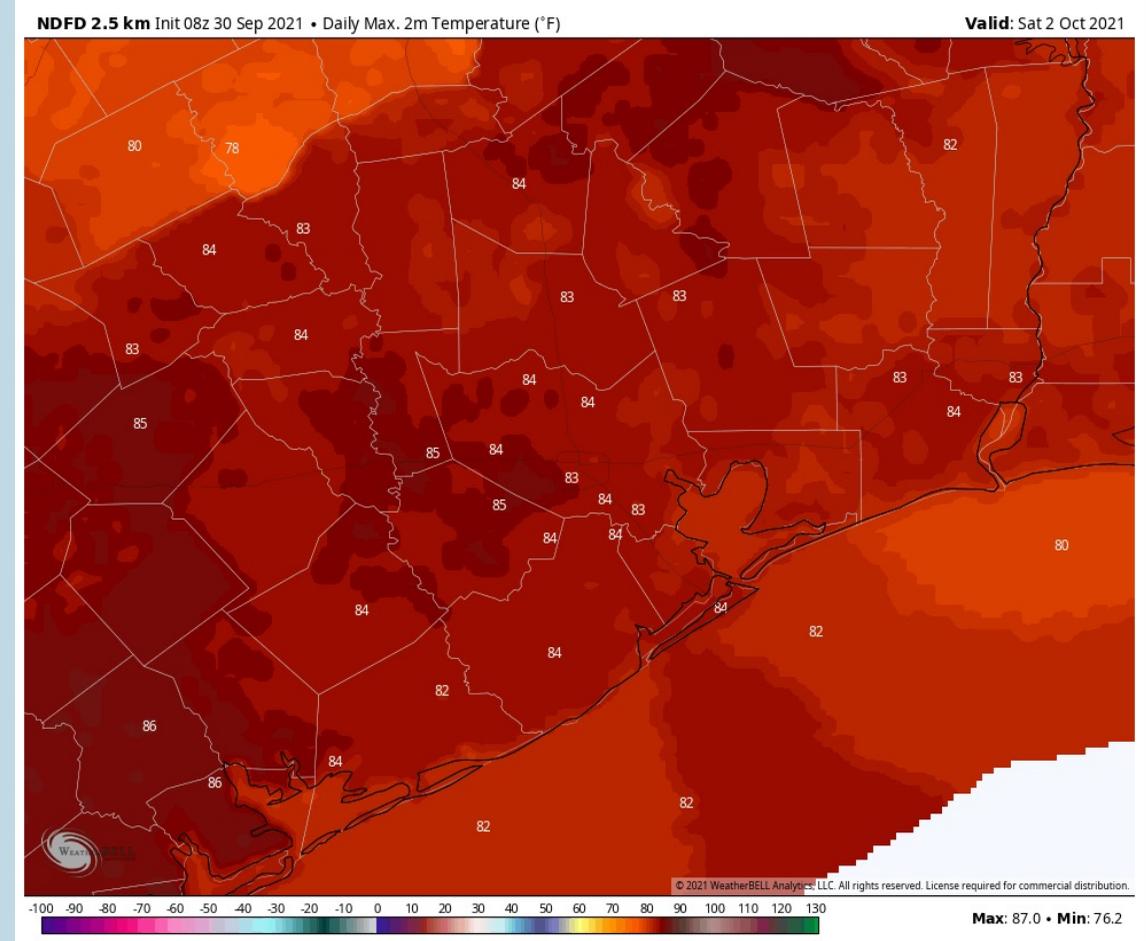
Sustained Winds (10 PM CT)



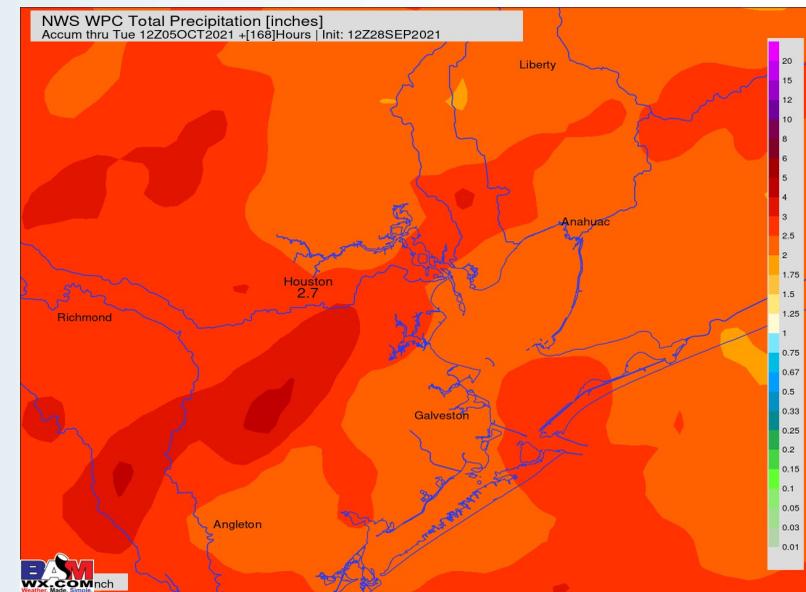
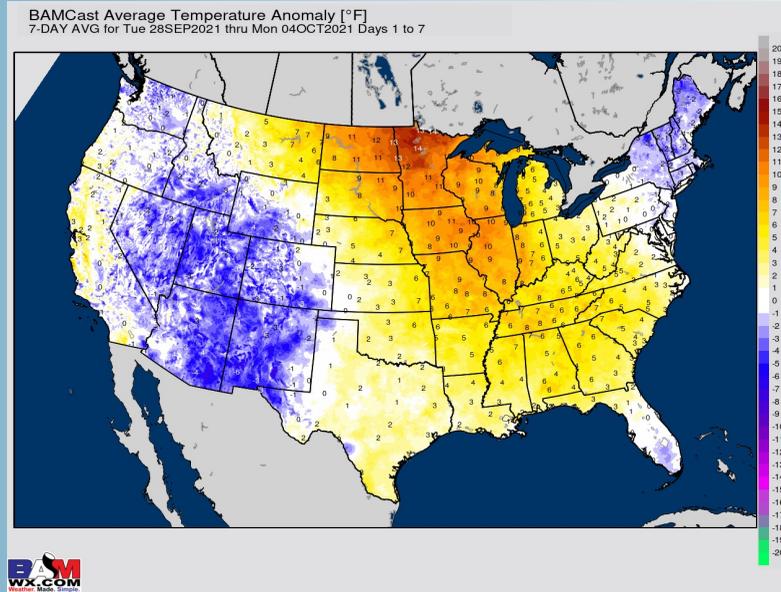
Simulated Radar Snapshot (10 AM CT)



High Temps Saturday



Week 1 Forecast

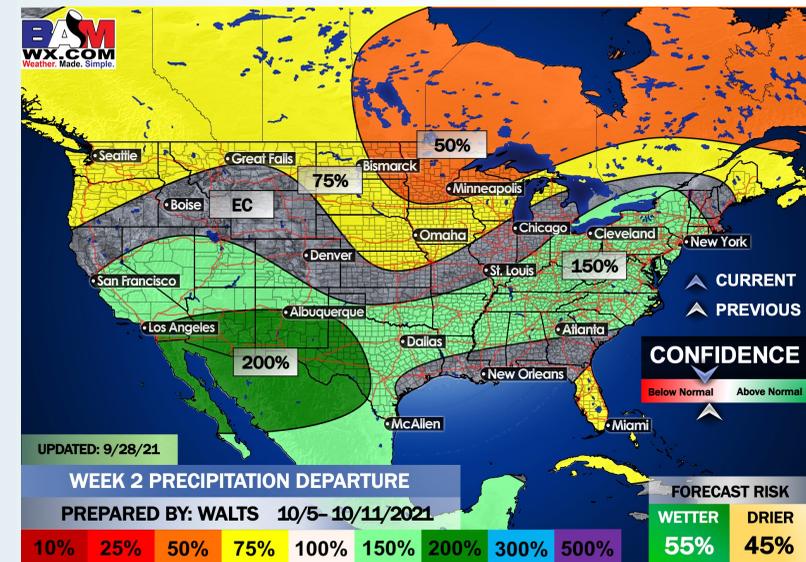
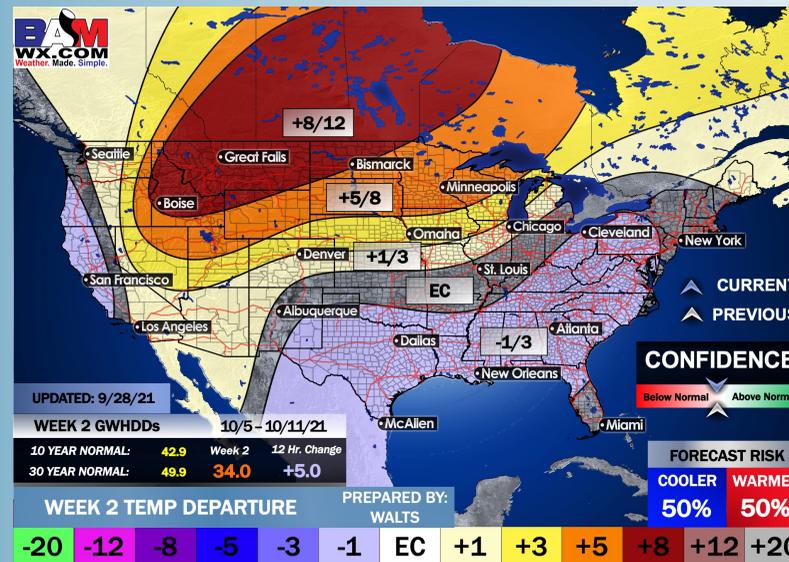


Long-Range Forecast Discussion

- Scattered precip chances will be possible almost daily out into the upcoming weekend. A few locally heavy downpours will be possible throughout the week. Temperatures slowly warm up as well averaging out slightly above normal.

Week 2 Forecast

- 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.

Weeks 3/4 Forecast

