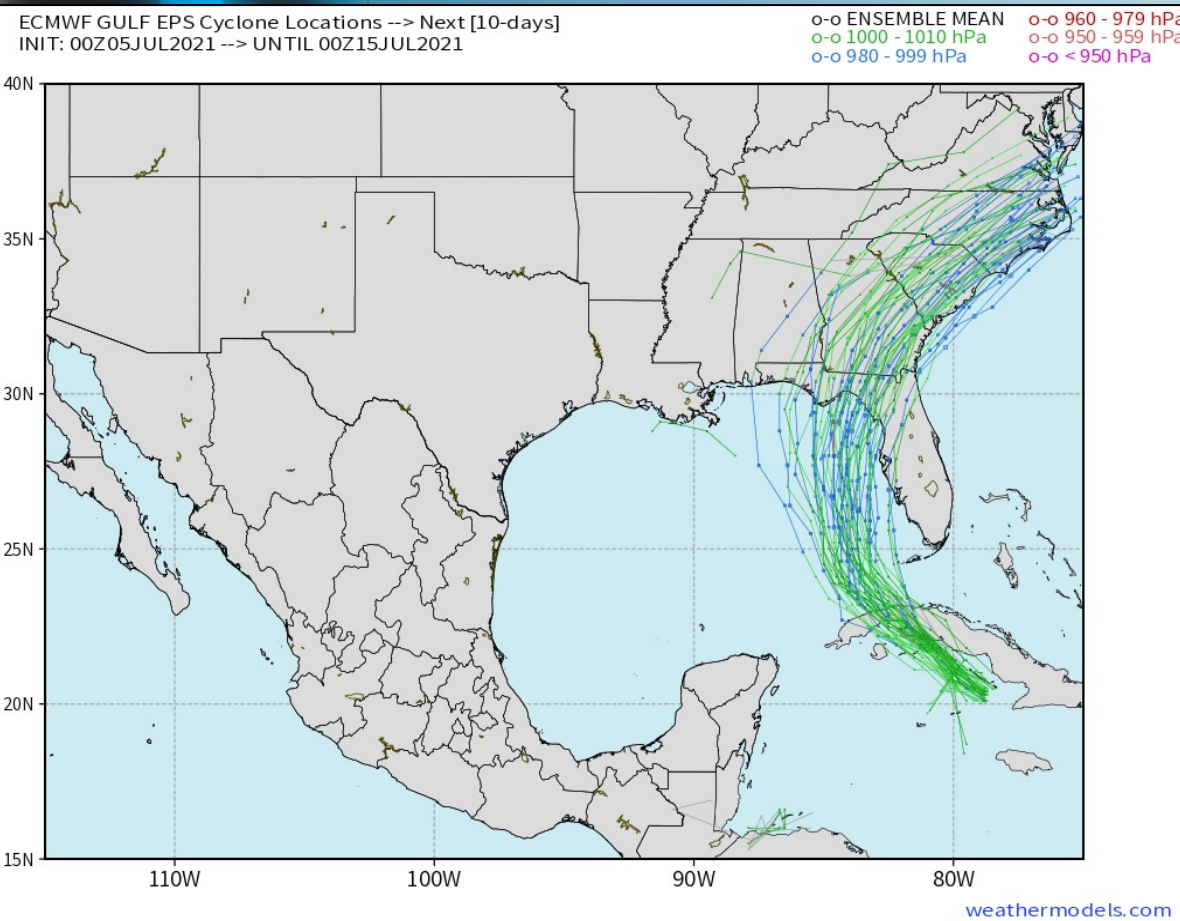


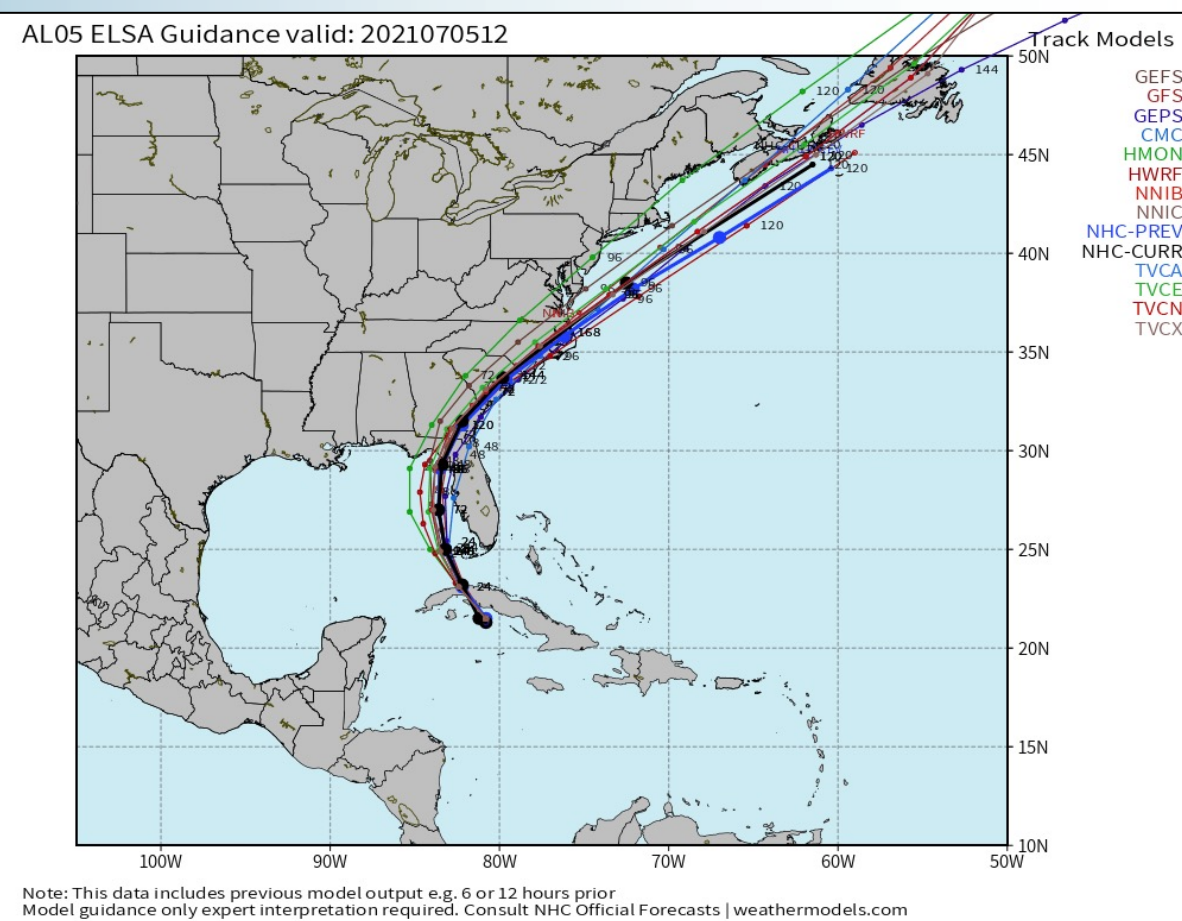
**Updated: 1 PM CT, Monday, July 5, 2021**

- **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:



AL05 ELSA Guidance valid: 2021070512



**Elsa will continue to not pose a threat of landfall/ impacts for the HOU area. Outside of this system, tropical activity in the next 7-10 days is not favored**



# Visibility Report

Monday, July 5, 2021

## HOURLY VISIBILITY BREAKDOWN (in miles)

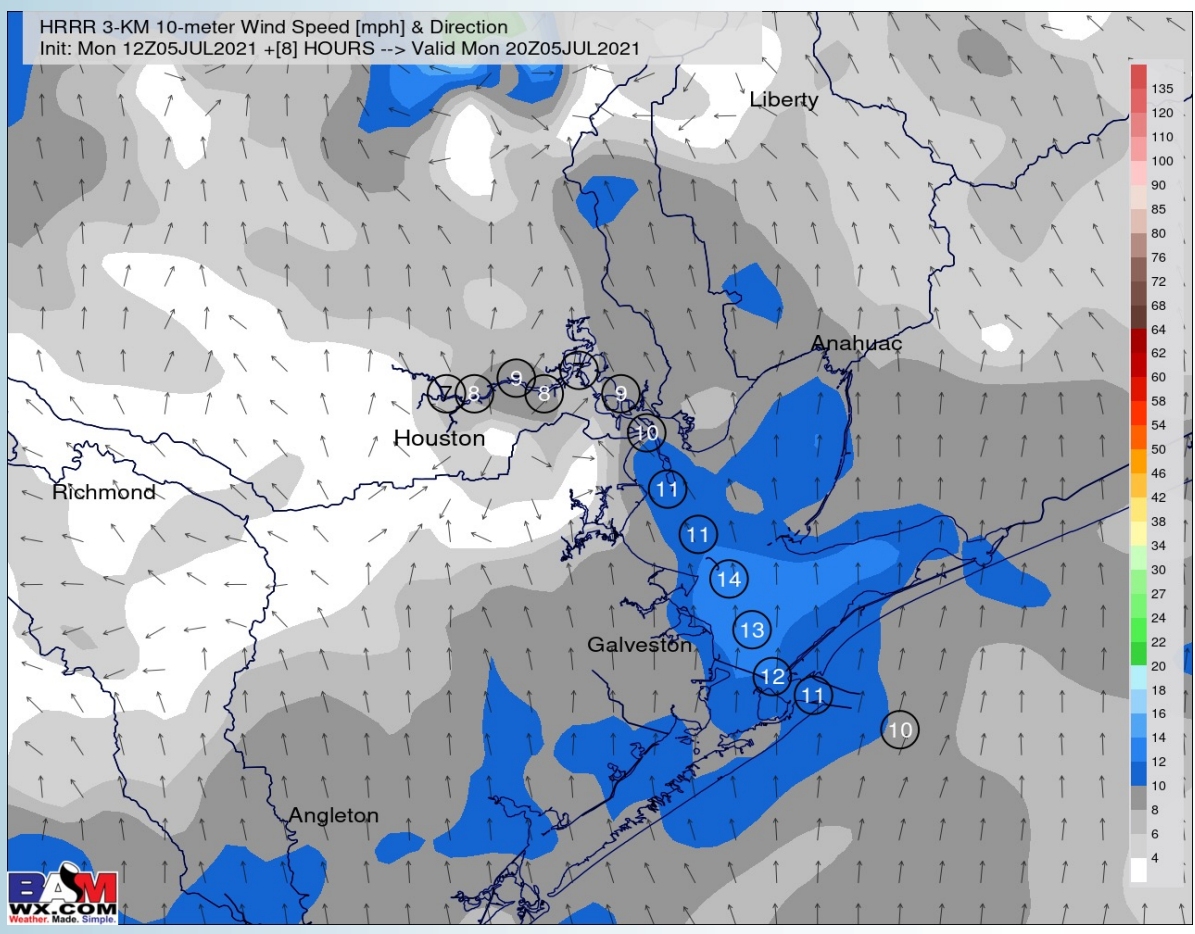
| Time                                    | 07-05-2021<br>Mon 11am | 07-05-2021<br>Mon 12pm | 07-05-2021<br>Mon 1pm | 07-05-2021<br>Mon 2pm | 07-05-2021<br>Mon 3pm | 07-05-2021<br>Mon 4pm | 07-05-2021<br>Mon 5pm | 07-05-2021<br>Mon 6pm | 07-05-2021<br>Mon 7pm | 07-05-2021<br>Mon 8pm | 07-05-2021<br>Mon 9pm | 07-05-2021<br>Mon 10pm | 07-05-2021<br>Mon 11pm | 07-06-2021 Tue<br>12am | 07-06-2021 Tue<br>1am | 07-06-2021 Tue<br>2am | 07-06-2021 Tue<br>3am | 07-06-2021 Tue<br>4am | 07-06-2021 Tue<br>5am | 07-06-2021 Tue<br>6am | 07-06-2021 Tue<br>7am | 07-06-2021 Tue<br>8am | 07-06-2021 Tue<br>9am | 07-06-2021 Tue<br>10am | 07-06-2021 Tue<br>11am | 07-06-2021 Tue<br>12pm | 07-06-2021 Tue<br>1pm | 07-06-2021 Tue<br>2pm | 07-06-2021 Tue<br>3pm | 07-06-2021 Tue<br>4pm | 07-06-2021 Tue<br>5pm | 07-06-2021 Tue<br>6pm | 07-06-2021 Tue<br>7pm | 07-06-2021 Tue<br>8pm | 07-06-2021 Tue<br>9pm | 07-06-2021 Tue<br>10pm |
|-----------------------------------------|------------------------|------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|------------------------|------------------------|------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|------------------------|------------------------|------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|------------------------|
| Houston Pilots<br>N - 610 Bridge        | 7.970                  | 6.385                  | 6.000                 | 2.392                 | 4.584                 | 6.452                 | 6.690                 | 5.595                 | 6.981                 | 2.402                 | 9.051                 | 8.287                  | 8.040                  | 7.887                  | 7.843                 | 7.835                 | 6.736                 | 7.604                 | 6.277                 | 5.618                 | 5.615                 | 4.730                 | 5.020                 | 6.601                  | 5.667                  | 5.428                  | 7.008                 | 6.589                 | 7.125                 | 4.817                 | 7.303                 | 7.715                 | 6.899                 | 5.226                 | 5.857                 | 6.039                  |
| Houston Pilots<br>M - Kinder 1          | 7.970                  | 6.385                  | 6.894                 | 2.392                 | 4.584                 | 6.452                 | 6.690                 | 6.507                 | 6.981                 | 2.402                 | 9.199                 | 8.287                  | 8.040                  | 7.936                  | 7.899                 | 7.877                 | 6.736                 | 7.684                 | 6.277                 | 5.618                 | 5.073                 | 4.730                 | 5.020                 | 6.601                  | 5.667                  | 5.428                  | 5.580                 | 6.589                 | 7.125                 | 4.817                 | 8.056                 | 7.715                 | 6.899                 | 5.226                 | 5.857                 | 6.039                  |
| Houston Pilots<br>L - Greens Bayou      | 7.970                  | 7.120                  | 6.894                 | 2.392                 | 4.584                 | 6.452                 | 6.690                 | 7.035                 | 7.243                 | 2.402                 | 9.205                 | 8.394                  | 8.077                  | 7.956                  | 7.958                 | 7.895                 | 5.882                 | 7.705                 | 6.277                 | 5.425                 | 4.412                 | 4.730                 | 5.020                 | 6.601                  | 7.103                  | 5.428                  | 5.580                 | 6.589                 | 7.125                 | 4.817                 | 7.606                 | 7.715                 | 6.899                 | 5.334                 | 5.857                 | 6.204                  |
| Houston Pilots<br>K - Shell Crude       | 7.970                  | 8.029                  | 8.066                 | 3.888                 | 4.584                 | 6.452                 | 6.690                 | 7.035                 | 7.243                 | 2.402                 | 9.205                 | 8.448                  | 8.145                  | 8.068                  | 8.072                 | 7.951                 | 5.882                 | 7.315                 | 6.182                 | 5.425                 | 4.412                 | 5.549                 | 5.020                 | 6.601                  | 7.290                  | 5.428                  | 5.580                 | 6.589                 | 7.125                 | 4.817                 | 10.00                 | 7.715                 | 7.501                 | 5.334                 | 5.857                 | 6.005                  |
| Houston Pilots<br>J - Lynchburg Ferries | 8.241                  | 8.493                  | 9.326                 | 6.482                 | 6.126                 | 6.452                 | 7.514                 | 7.035                 | 7.541                 | 2.402                 | 8.505                 | 8.627                  | 8.292                  | 8.060                  | 7.969                 | 6.592                 | 5.882                 | 7.315                 | 6.287                 | 5.335                 | 4.412                 | 5.549                 | 5.020                 | 6.738                  | 7.328                  | 4.444                  | 5.113                 | 5.009                 | 7.125                 | 6.083                 | 9.138                 | 7.715                 | 9.572                 | 7.193                 | 5.857                 | 5.598                  |
| Houston Pilots<br>I - Exxon 3           | 8.047                  | 8.493                  | 7.424                 | 6.582                 | 6.126                 | 6.452                 | 8.105                 | 9.456                 | 8.183                 | 7.123                 | 6.988                 | 8.698                  | 8.313                  | 8.060                  | 7.969                 | 6.592                 | 5.882                 | 7.315                 | 6.374                 | 5.335                 | 4.412                 | 4.893                 | 6.726                 | 8.064                  | 7.328                  | 4.444                  | 5.113                 | 5.747                 | 6.693                 | 6.083                 | 9.883                 | 7.715                 | 8.779                 | 7.870                 | 5.857                 | 5.379                  |
| Houston Pilots<br>H - Morgans Point     | 8.047                  | 8.493                  | 7.424                 | 6.051                 | 7.491                 | 6.452                 | 8.105                 | 10.00                 | 7.748                 | 8.128                 | 6.988                 | 8.698                  | 8.349                  | 8.233                  | 7.969                 | 6.592                 | 5.882                 | 7.806                 | 6.182                 | 5.335                 | 4.412                 | 4.893                 | 6.726                 | 8.064                  | 7.328                  | 4.444                  | 5.113                 | 5.747                 | 6.693                 | 6.083                 | 7.809                 | 7.215                 | 5.954                 | 7.072                 | 5.906                 | 5.379                  |
| Houston Pilots<br>G - 75/76             | 8.047                  | 6.699                  | 7.425                 | 6.051                 | 10.00                 | 8.928                 | 9.957                 | 10.00                 | 7.247                 | 9.158                 | 7.786                 | 9.041                  | 8.589                  | 8.583                  | 7.969                 | 6.697                 | 6.241                 | 7.927                 | 6.995                 | 5.110                 | 4.430                 | 4.893                 | 6.282                 | 8.372                  | 4.878                  | 4.444                  | 5.113                 | 5.747                 | 4.374                 | 6.328                 | 7.809                 | 5.911                 | 5.762                 | 6.491                 | 6.369                 | 5.379                  |
| Houston Pilots<br>F - 63/64             | 8.280                  | 6.699                  | 6.825                 | 6.582                 | 9.016                 | 9.538                 | 10.00                 | 10.00                 | 7.247                 | 9.158                 | 7.786                 | 9.733                  | 9.215                  | 8.942                  | 8.601                 | 8.351                 | 8.177                 | 8.601                 | 8.180                 | 5.110                 | 5.544                 | 4.893                 | 6.213                 | 7.924                  | 5.358                  | 4.524                  | 6.513                 | 6.260                 | 3.180                 | 7.627                 | 7.809                 | 5.911                 | 5.762                 | 5.754                 | 5.500                 | 5.760                  |
| Houston Pilots<br>E - 51/52             | 8.280                  | 6.699                  | 5.814                 | 6.582                 | 8.737                 | 9.538                 | 9.223                 | 9.206                 | 7.247                 | 8.606                 | 8.451                 | 9.748                  | 9.522                  | 9.187                  | 8.798                 | 8.518                 | 8.566                 | 9.375                 | 9.225                 | 5.110                 | 4.923                 | 5.071                 | 6.213                 | 7.798                  | 5.175                  | 4.524                  | 7.301                 | 6.260                 | 2.924                 | 8.462                 | 7.809                 | 5.911                 | 5.762                 | 5.754                 | 5.500                 | 5.452                  |
| Houston Pilots<br>D - 37/38             | 8.280                  | 6.699                  | 5.814                 | 7.510                 | 8.737                 | 10.00                 | 8.809                 | 7.165                 | 7.247                 | 8.606                 | 10.00                 | 9.881                  | 9.522                  | 9.125                  | 8.798                 | 8.518                 | 8.566                 | 9.375                 | 8.332                 | 5.110                 | 4.923                 | 5.071                 | 6.282                 | 7.196                  | 4.001                  | 5.555                  | 6.353                 | 6.260                 | 2.609                 | 7.195                 | 7.399                 | 5.911                 | 5.762                 | 5.754                 | 5.109                 | 5.452                  |
| Houston Pilots<br>C - 25/26             | 8.185                  | 6.734                  | 5.814                 | 8.543                 | 8.825                 | 10.00                 | 8.694                 | 9.206                 | 8.548                 | 8.691                 | 10.00                 | 10.00                  | 9.957                  | 8.928                  | 9.219                 | 9.205                 | 9.734                 | 7.589                 | 7.574                 | 7.989                 | 4.923                 | 5.337                 | 8.388                 | 5.290                  | 4.001                  | 7.354                  | 6.353                 | 5.531                 | 2.609                 | 7.195                 | 6.506                 | 5.987                 | 6.584                 | 6.475                 | 5.109                 | 5.452                  |
| Houston Pilots<br>B - 11/12             | 8.185                  | 7.236                  | 5.814                 | 8.543                 | 8.825                 | 10.00                 | 8.694                 | 10.00                 | 8.597                 | 8.953                 | 10.00                 | 10.00                  | 10.00                  | 6.727                  | 9.643                 | 9.697                 | 9.702                 | 5.871                 | 8.156                 | 7.989                 | 4.923                 | 6.008                 | 8.714                 | 5.290                  | 4.001                  | 7.382                  | 6.353                 | 5.531                 | 2.609                 | 7.195                 | 7.329                 | 5.987                 | 6.969                 | 6.970                 | 5.109                 | 5.452                  |
| Houston Pilots<br>A - 1 & 2 Bravo       | 5.626                  | 8.315                  | 9.195                 | 8.543                 | 9.196                 | 9.378                 | 8.694                 | 10.00                 | 9.136                 | 9.423                 | 8.807                 | 10.00                  | 10.00                  | 3.922                  | 9.612                 | 9.498                 | 9.615                 | 5.810                 | 8.033                 | 7.989                 | 5.216                 | 8.436                 | 8.857                 | 5.714                  | 5.519                  | 6.944                  | 6.390                 | 7.443                 | 2.609                 | 8.066                 | 8.619                 | 7.485                 | 8.412                 | 7.819                 | 6.921                 | 6.000                  |

# Short-Term Forecast Discussion

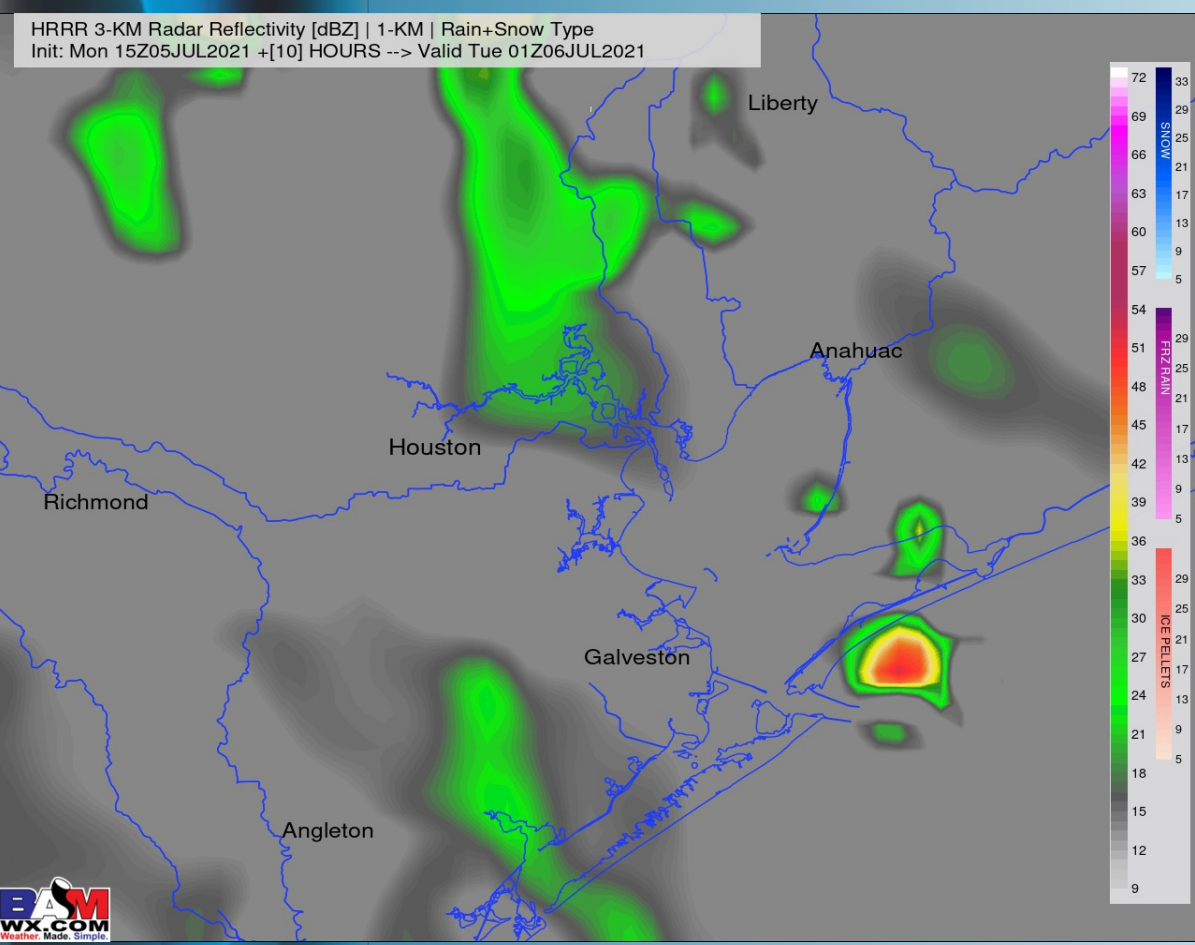
- A widespread area of showers and storms have developed early this afternoon, but the highest activity is remaining inland. However, scattered activity is expected over water and should persist throughout the afternoon, beginning to wane in the evening hours (especially after 8PM).
- Winds will be out of the south this afternoon, generally at 8-13 MPH, with gusts to 15 to locally 20 MPH. Stronger wind gusts possible under the heaviest cells that can form.
- Low temperatures tonight will get into the mid to upper-70s.
- *No fog expected for our today to tonight.*

# Monday, July 5<sup>th</sup>, 2021

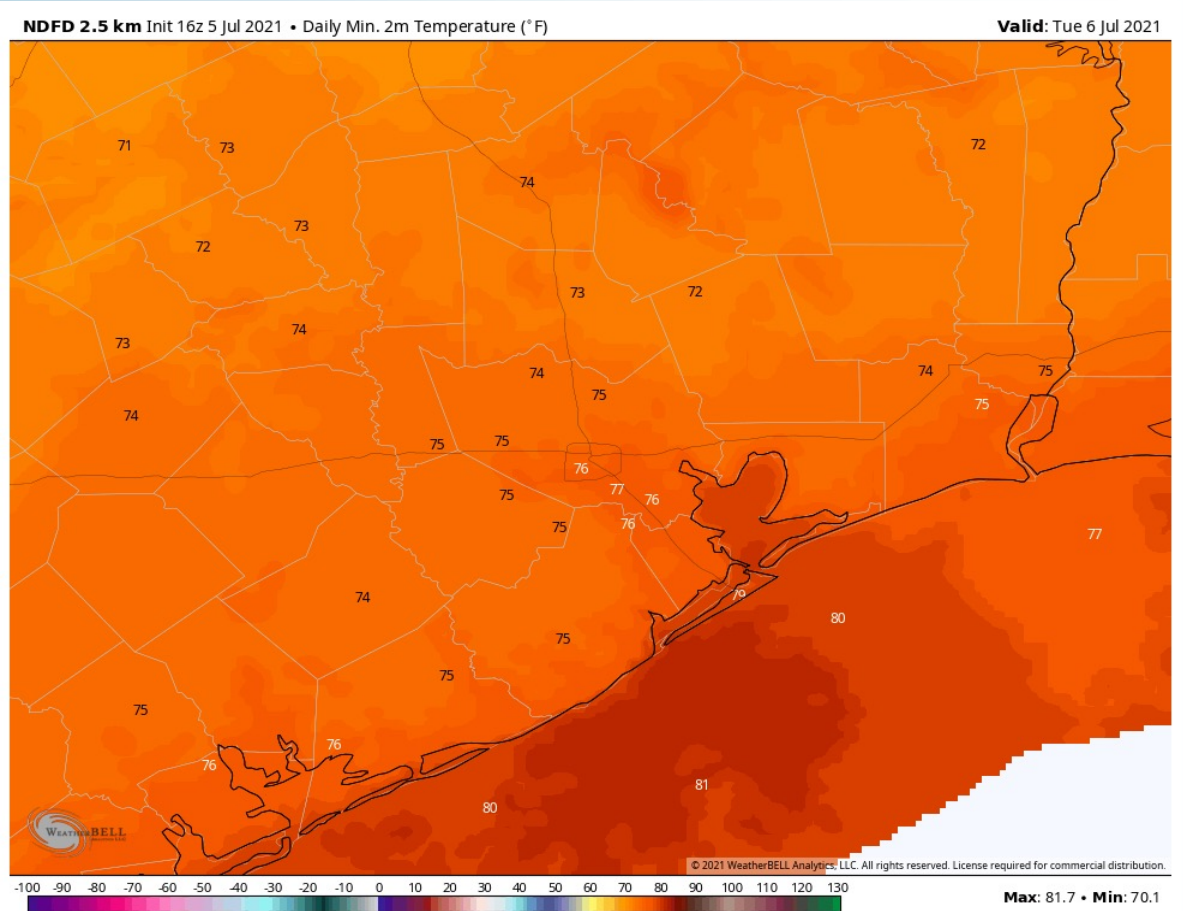
## Sustained Winds (3 PM CT)



## Simulated Radar Snapshot (8 PM CT)



## Low Temps Tonight

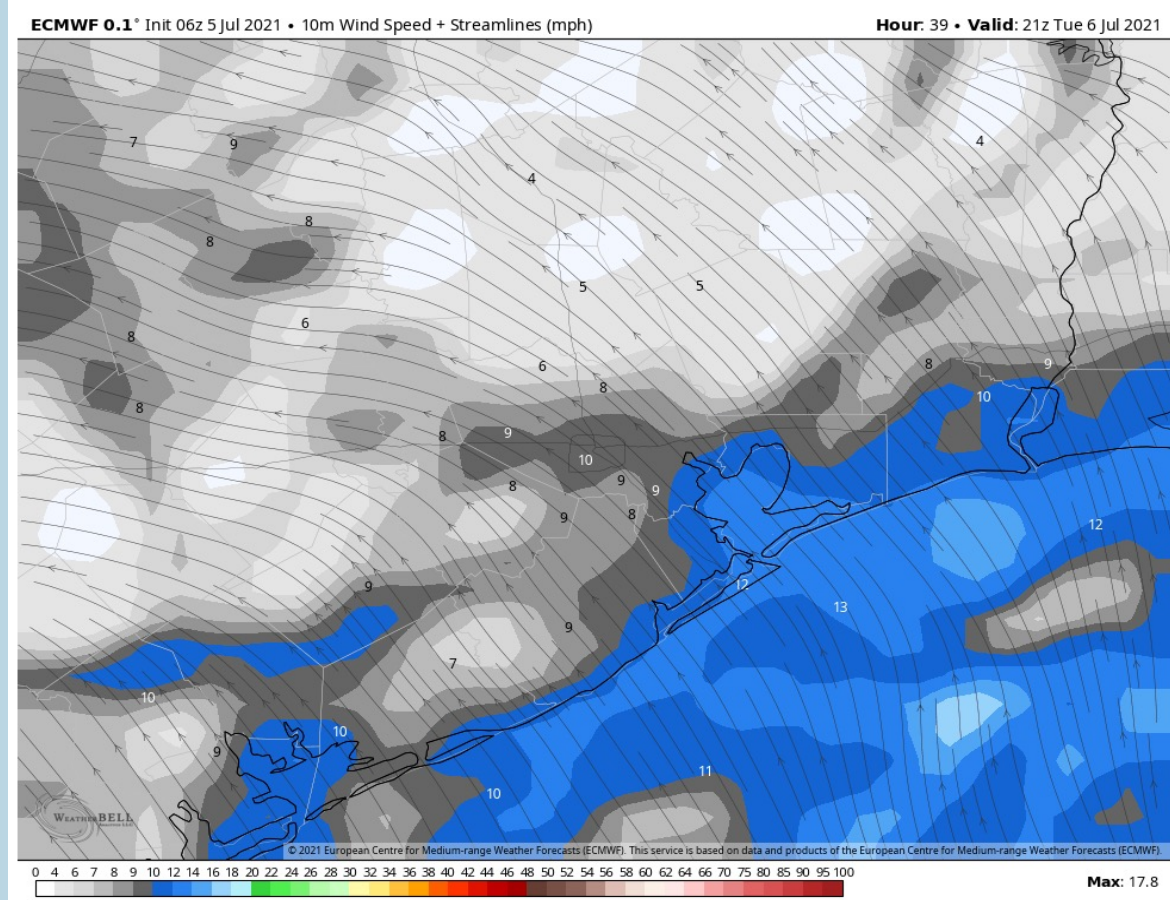


## Short-Term Forecast Discussion

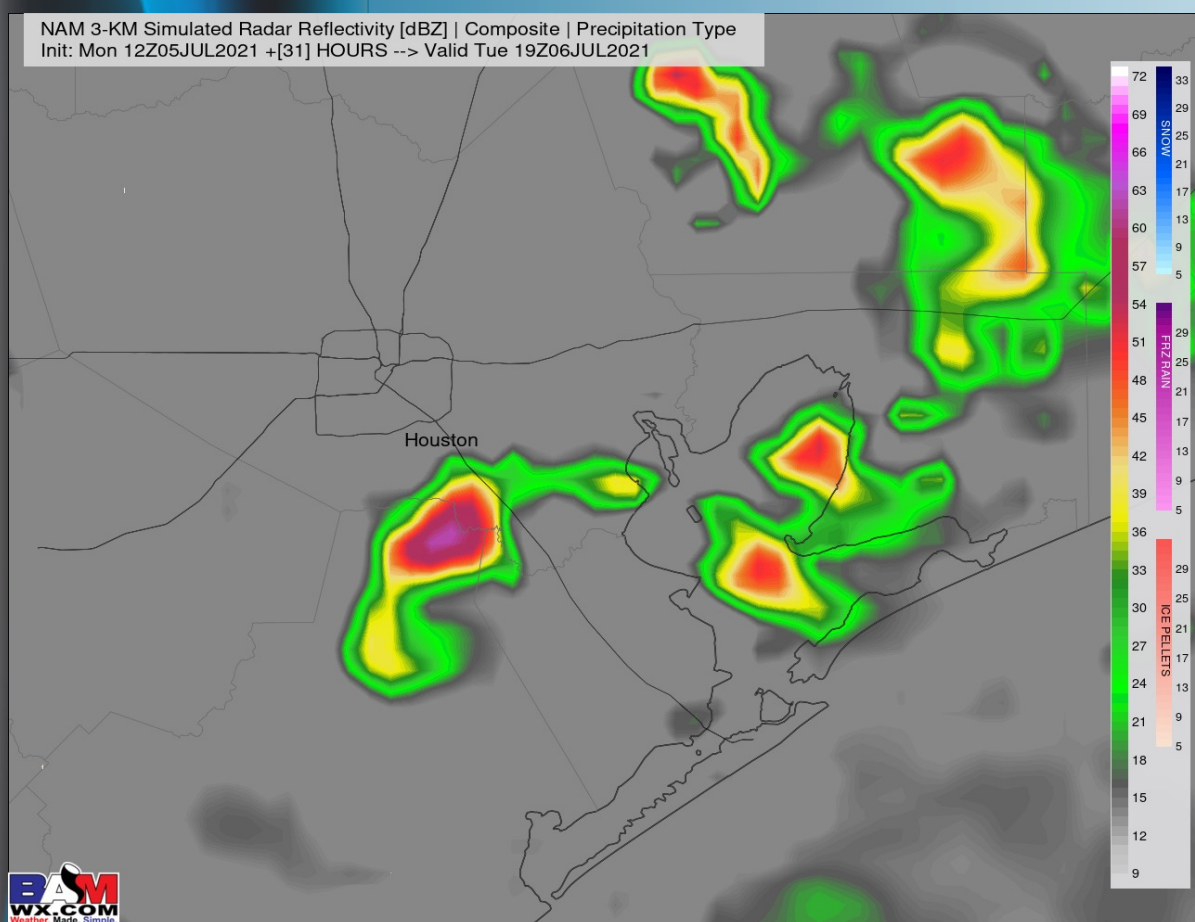
- Scattered showers/ storms will start to pick up tomorrow morning becoming more widespread in coverage as we work into the late morning to late afternoon hours. Locally heavy downpours will be possible.
- Winds are expected overall to be out of the SSE on Tuesday, with speeds to be around 5 - 15 mph.
- High temps look to get into the low to mid 80's F over open waters, warmer in-land.
- *No fog is anticipated Tuesday.*

# Tuesday, July 6<sup>th</sup>, 2021

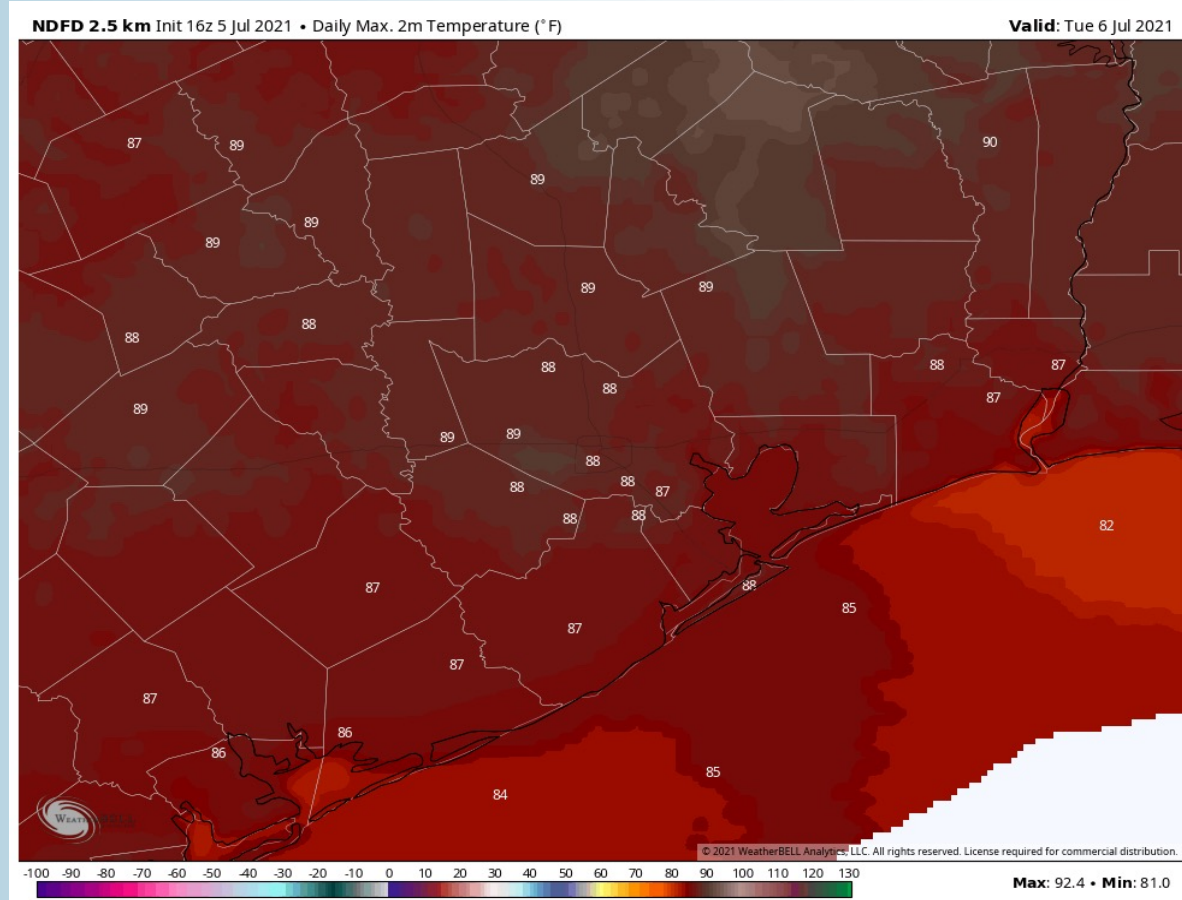
## Sustained Winds (4 PM CT)



## Simulated Radar Snapshot (2 PM CT)



## High Temps Tuesday

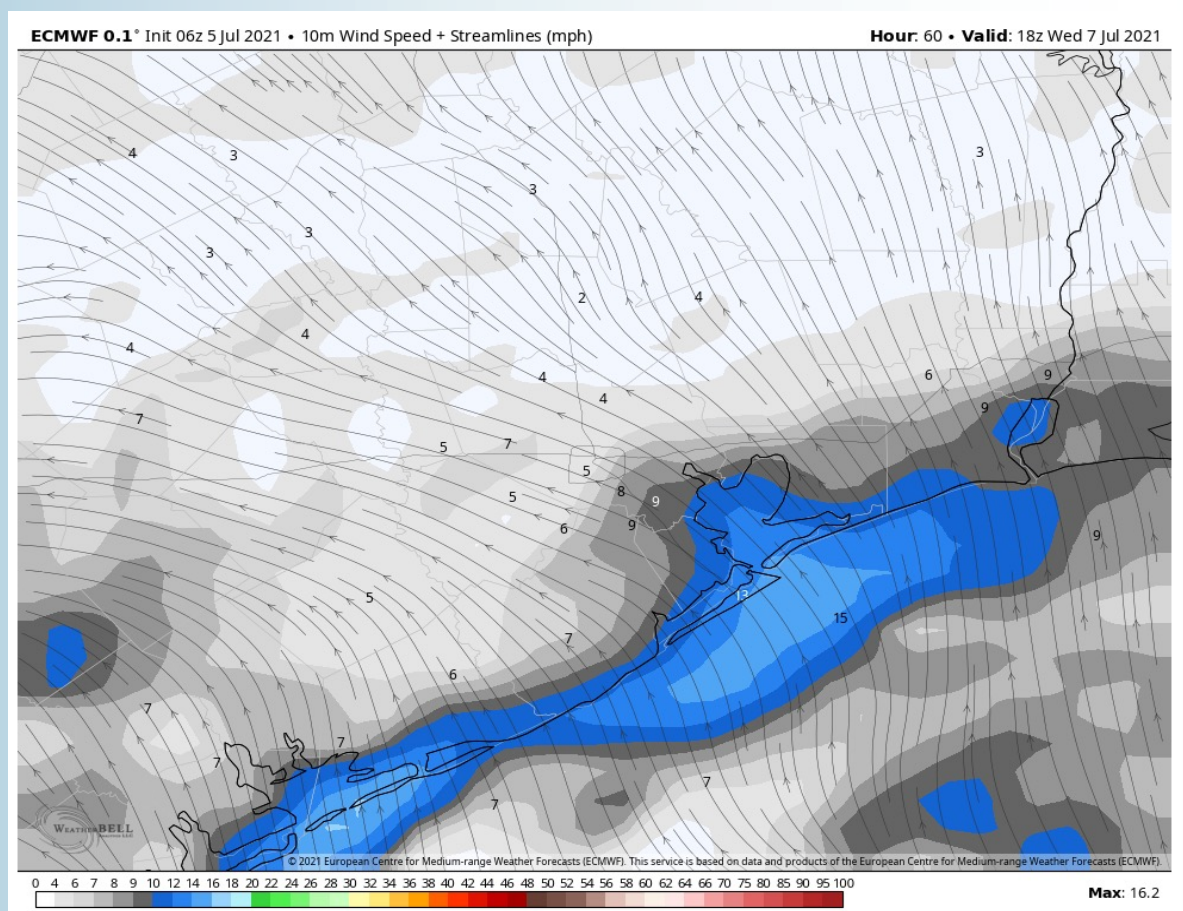


# Short-Term Forecast Discussion

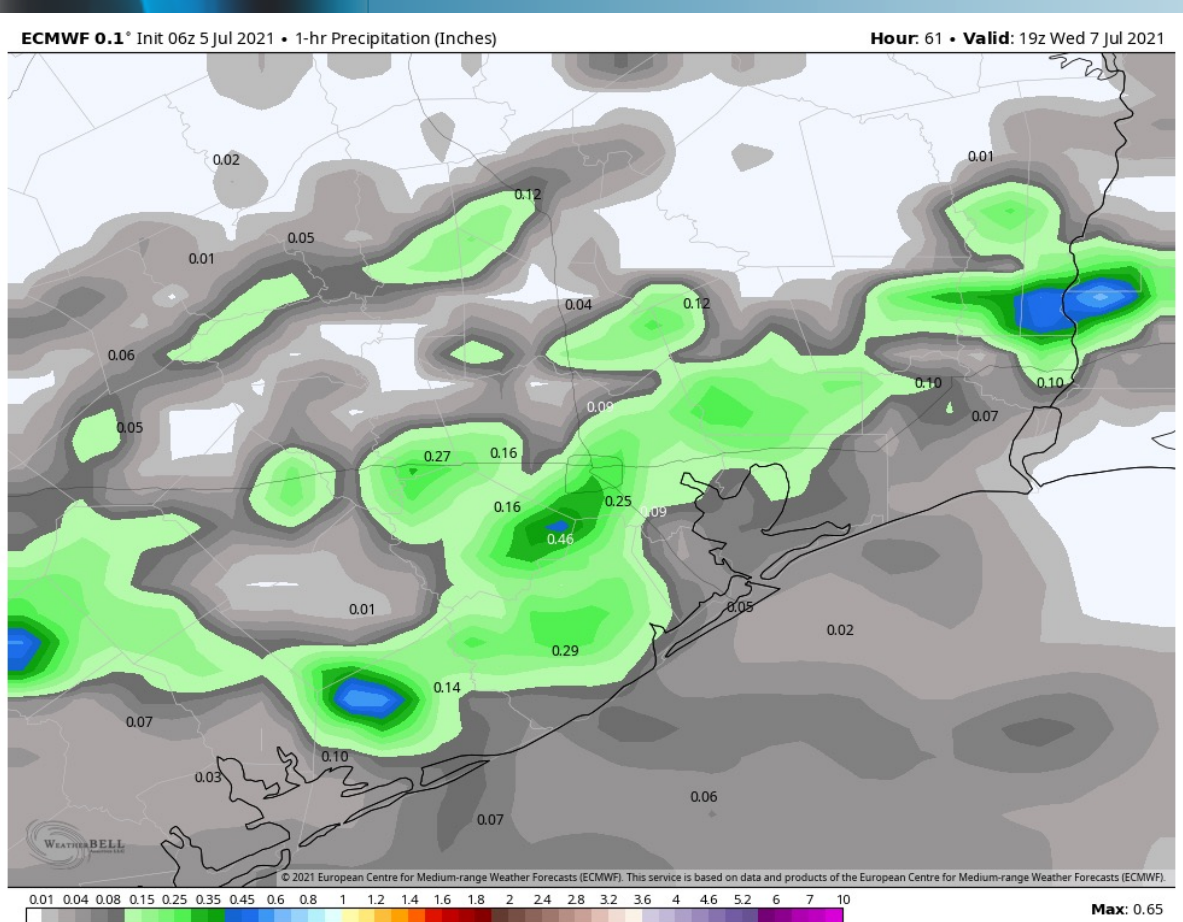
- At this distance, Wednesday morning looks quite active with numerous showers and storms in the pre-dawn hours and then a resurgence as we work late morning into the early afternoon hours. Locally heavy rainfall with gusty winds within the storms will be possible.
- Winds look to be around 5 - 15 mph out of the SE once again on Wednesday.
- High temps look to get into the low to mid 80's F over open waters.
- *No fog is anticipated Wednesday.*

## Wednesday, July 7<sup>th</sup>, 2021

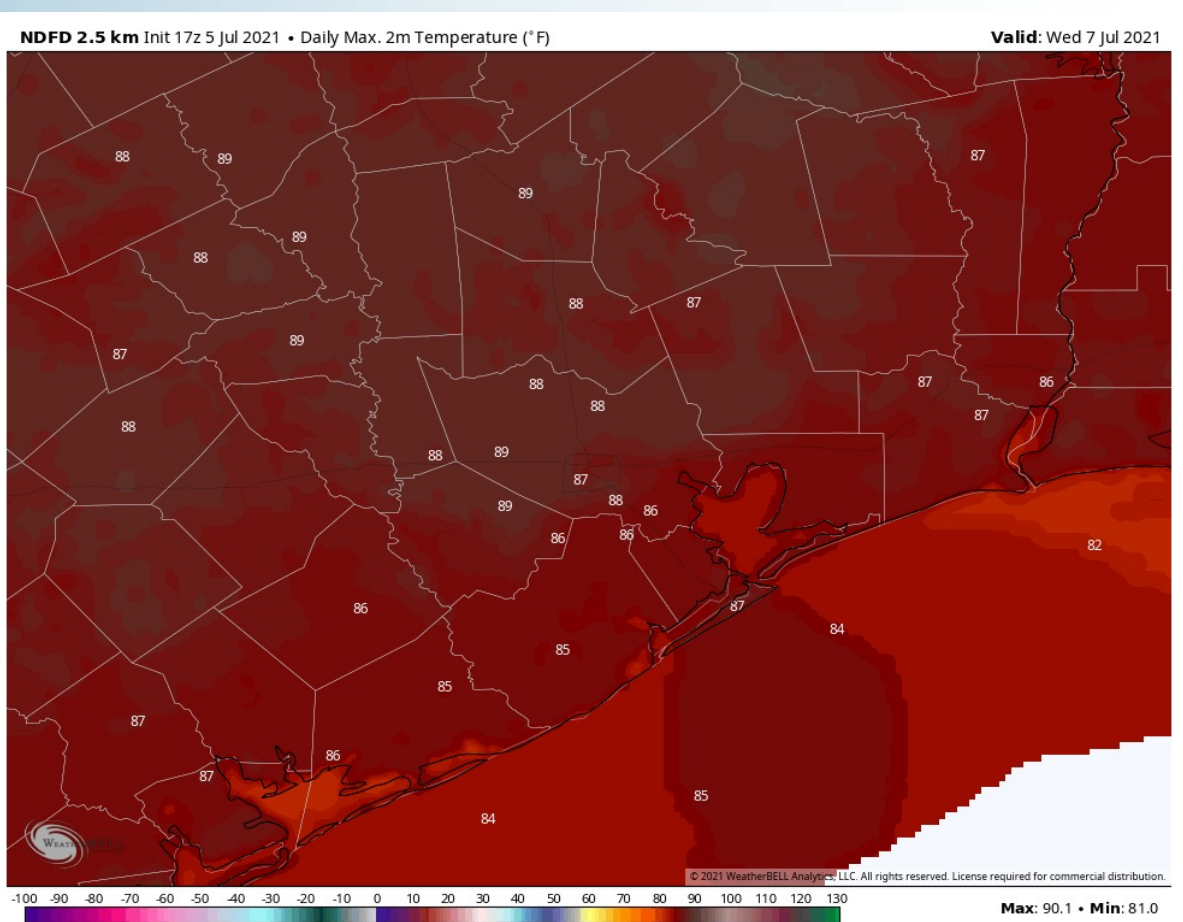
# Sustained Winds (2 PM CT)



# Simulated Radar Snapshot (2 PM CT)



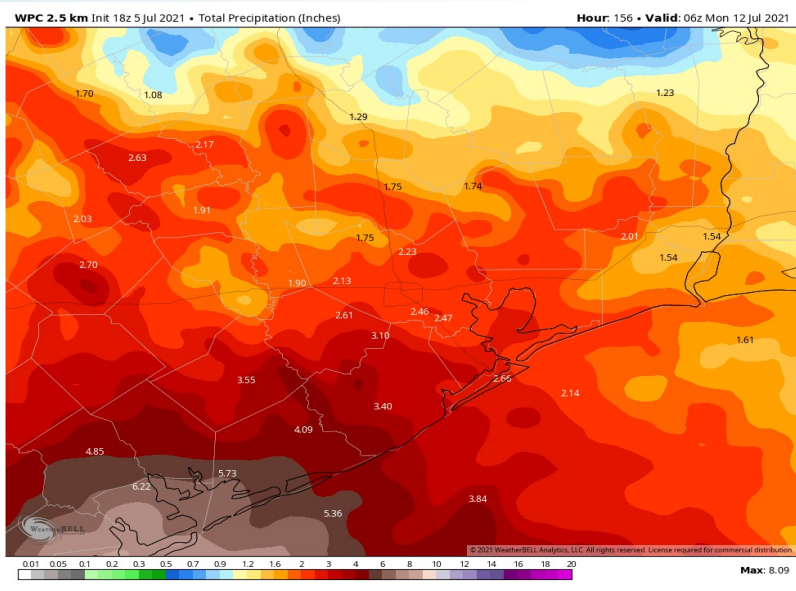
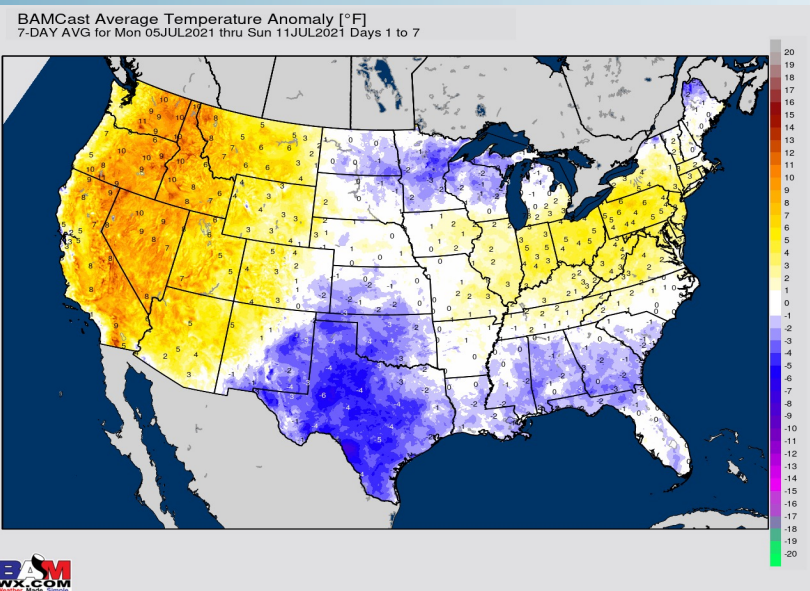
# High Temps Wednesday



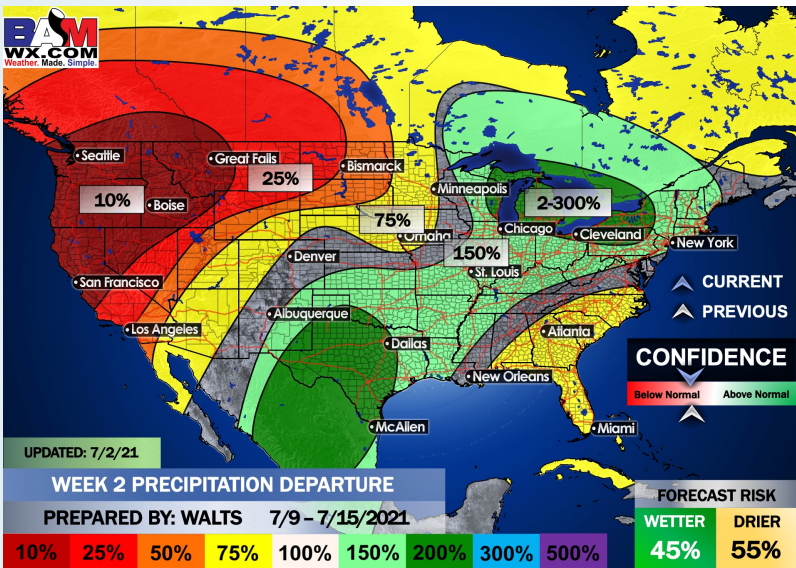
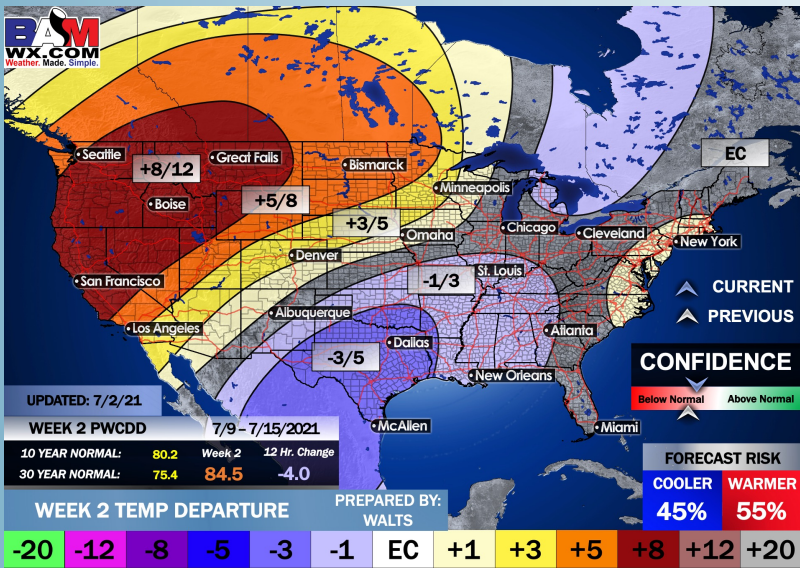
Week 1 Forecast

Long-Range Forecast Discussion

- A stalled out boundary near the HOU area will lead to daily precipitation chances over the next week with a more pronounced tropical airmass in place. Temps will be pushed below normal due to the frequent rainfall chances.
- Week 2 is anticipated to continue to be active in precipitation, with temps staying overall below normal across the area.
- The weeks  $\frac{3}{4}$  (mid to late July essentially) period likely features more seasonable to cooler than normal temperatures, while precipitation looks to continue running above normal in this period as well.



Week 2 Forecast



Weeks 3/4 Forecast

