

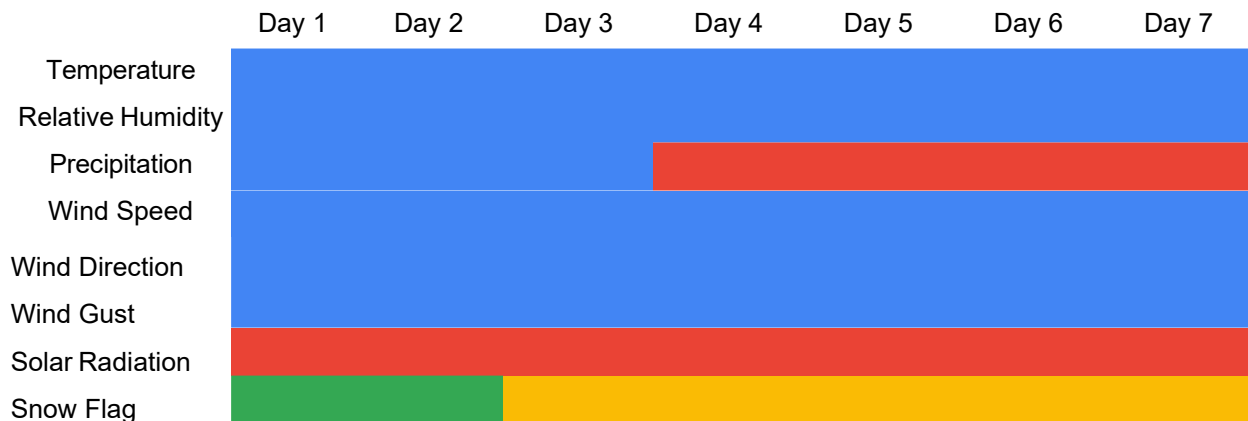
Weather Forecast Ingest Models for FEMS

NOAA provides FEMS the weather forecast by using the following models based on available datasets for different parts of the country.

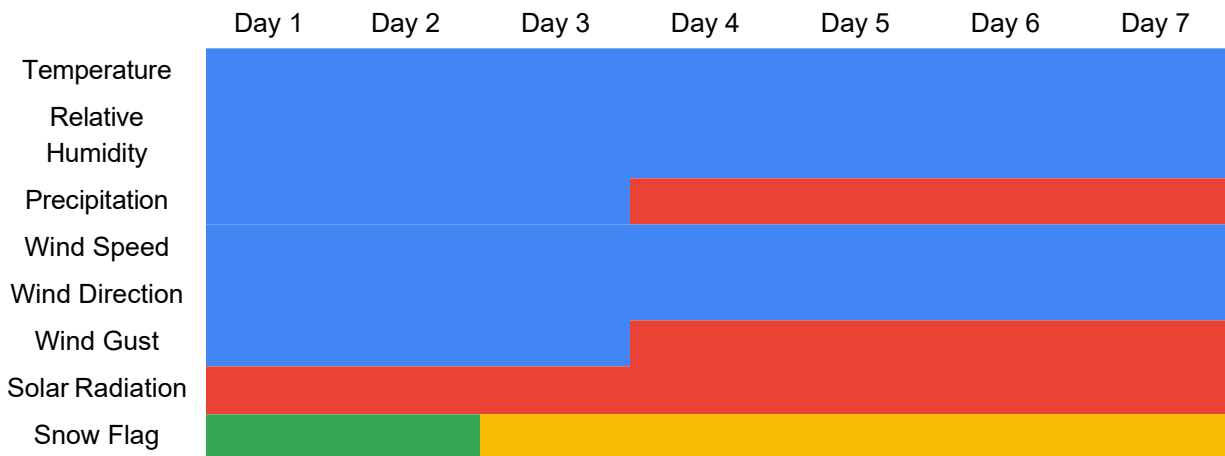
The program will try to get as many fields from NDFD as possible, then fill with the NBM as needed. The RAP and GFS models are used for the snowflag since NDFD nor NBM has snow depth. The RAP snow depth, where available, will take priority over the GFS. A summary of data sources by forecast day can be seen in the graphics below.



CONUS

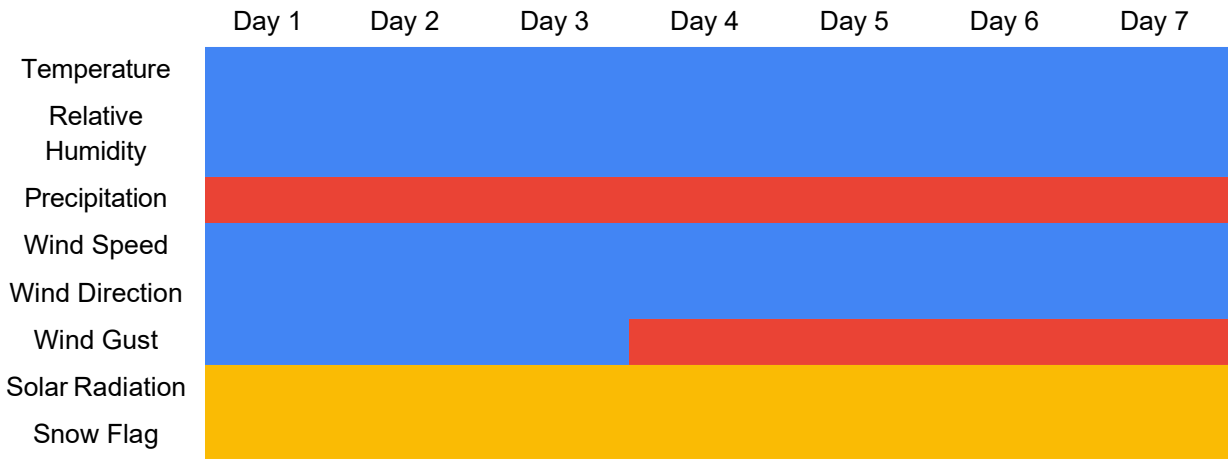


Alaska





Guam



Days 8-10 are not shown in the graphics above but are made entirely from the NBM with the exception of the Snow Flag, which comes from the GFS.

