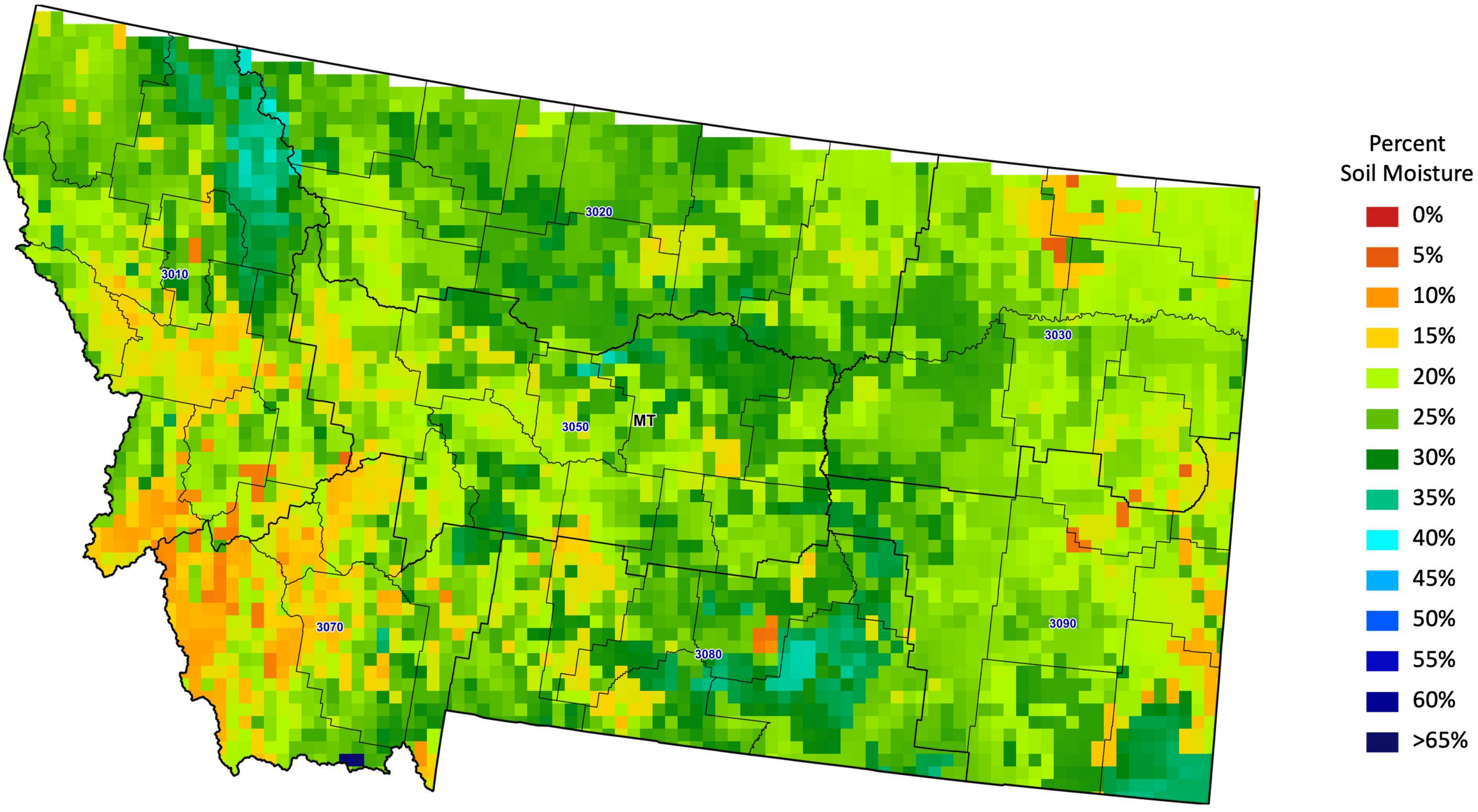
# Root Zone Moisute: Montana- May 12-18,2025




The Soil Moisture Active Passive (SMAP) Level 4 data provides measurements of soil moisture in the topsoil and root zone as a weekly average, represented by pixels. Each pixel represents 9 by 9 kilometer plot or about 20,000 acres. The SMAP data measures soil moisture in cubic centimeters of water/cubic centimeters of soil. The scale represents the percent of water in a given volume of soil. More information and additional mapping is available on Crop-CASMA at https://nassgeo.csiss.gmu.edu/Crop-CASMA/