

This map represents modeled lower soil zone soil moisture content in areas of the basin that contribute most to runoff. Basins with above average soil moisture conditions can be expected to experience more efficient runoff from rainfall or snowmelt while basins with below average soil moisture conditions can be expected to have lower runoff efficiency until soil moisture deficits are fulfilled.

Average values are computed by averaging 40 years (1981-2020) of lower soil zone soil moisture model states for that date. The 40 years of soil moisture model states are generated during the CBRFC hydrologic model calibration process.

More information on CBRFC soil moisture modeling can be found [here](#).