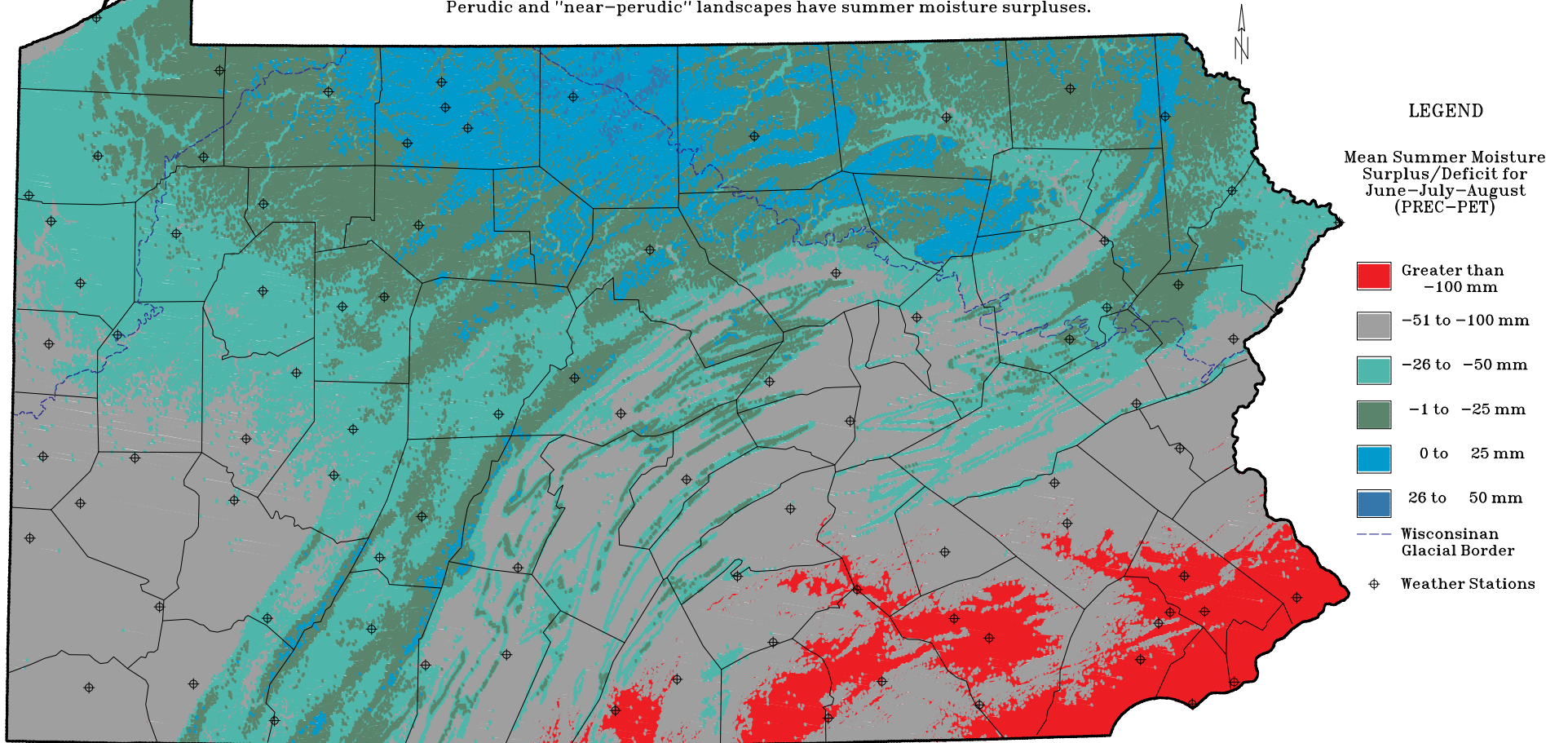


SUMMER WATER BALANCE OF PENNSYLVANIA LANDSCAPES

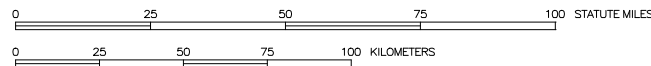
W.J. Waltman, E.J. Ciolkosz, and M.D. Svoboda

42 30 00N+
80 00 00W

Summer water balances were derived from the Newhall Simulation Model (Van Wambeke et al., 1992) using 1961 to 1990 normals. The summer (JUN-JUL-AUG) moisture surplus/deficit represents the cumulative differences between monthly precipitation and evapotranspiration. Perudic and "near-perudic" landscapes have summer moisture surpluses.



39 30 00N+
80 00 00W



SCALE 1:2,250,000

39 30 00N+
75 00 00W

Map Series: 96-0064

Source: USDA/NRCS Climate Data Access Facility, Water and Climate Center, Portland, OR; Owenby and Ezell (1992); Albers Equal Area Projection; AUG 1996.

Cooperative project of the Agronomy Department, Penn State Agricultural Experiment Station, The Pennsylvania State University; NRCS Soil Quality Institute and National Soil Survey Center.