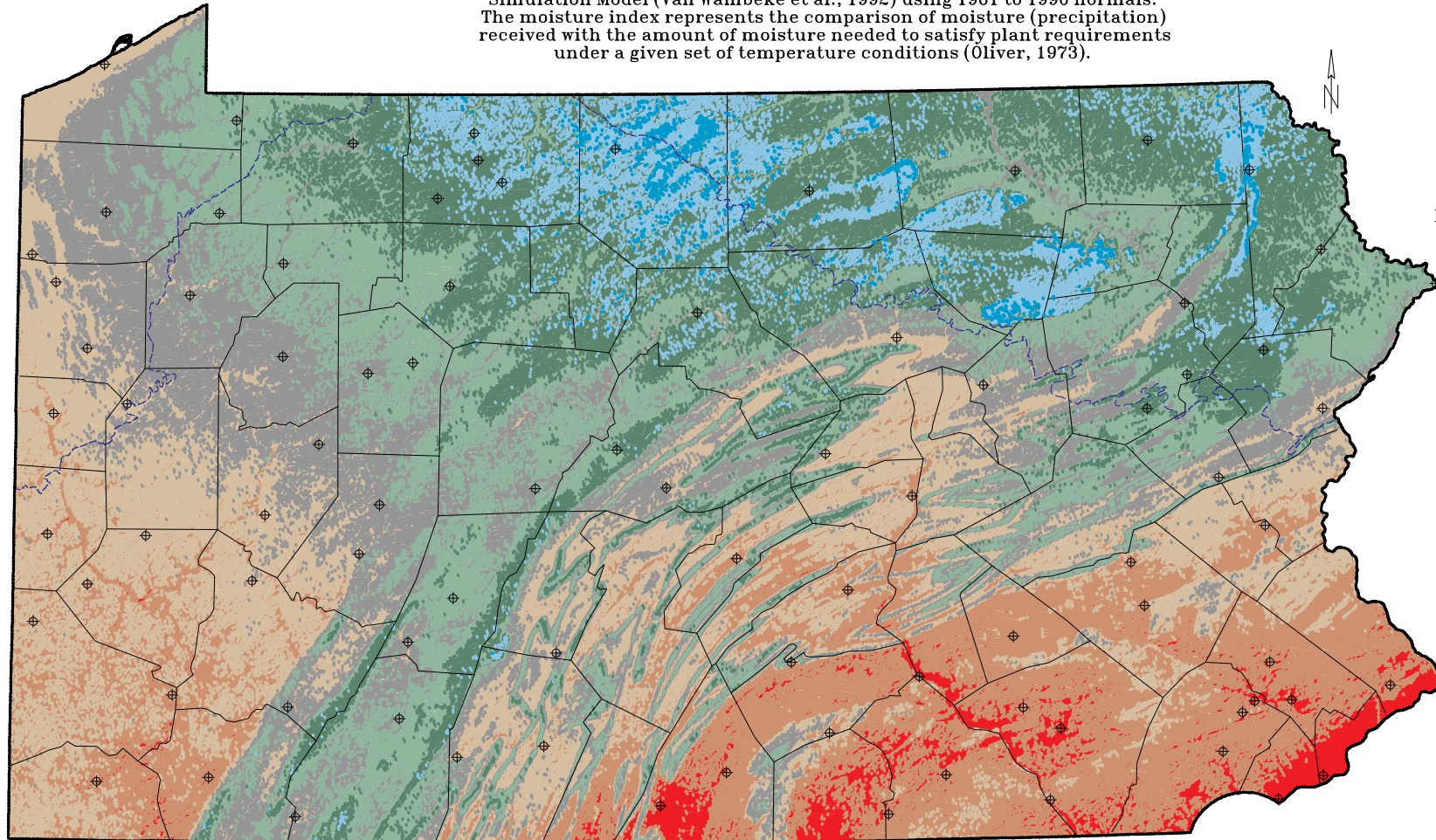


# MOISTURE INDEX OF PENNSYLVANIA LANDSCAPES

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The moisture index (Thornthwaite, 1948) was derived from the Newhall Simulation Model (Van Wambeke et al., 1992) using 1961 to 1990 normals. The moisture index represents the comparison of moisture (precipitation) received with the amount of moisture needed to satisfy plant requirements under a given set of temperature conditions (Oliver, 1973).

42 30 00N +  
80 00 00W



### LEGEND

Moisture Index

$$I_m = (PREC/PET - 1)100$$

- Less than 50
- 51 to 60
- 61 to 70
- 71 to 80
- 81 to 90
- 91 to 100
- 101 to 110
- Greater than 111
- Wisconsinan Glacial Border
- + Weather Stations

39 30 00N +  
80 00 00W

0 25 50 75 100 STATUTE MILES

0 25 50 75 100 KILOMETERS

SCALE 1:2,250,000

39 30 00N +  
75 00 00W

Map Series: 96-0069

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

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