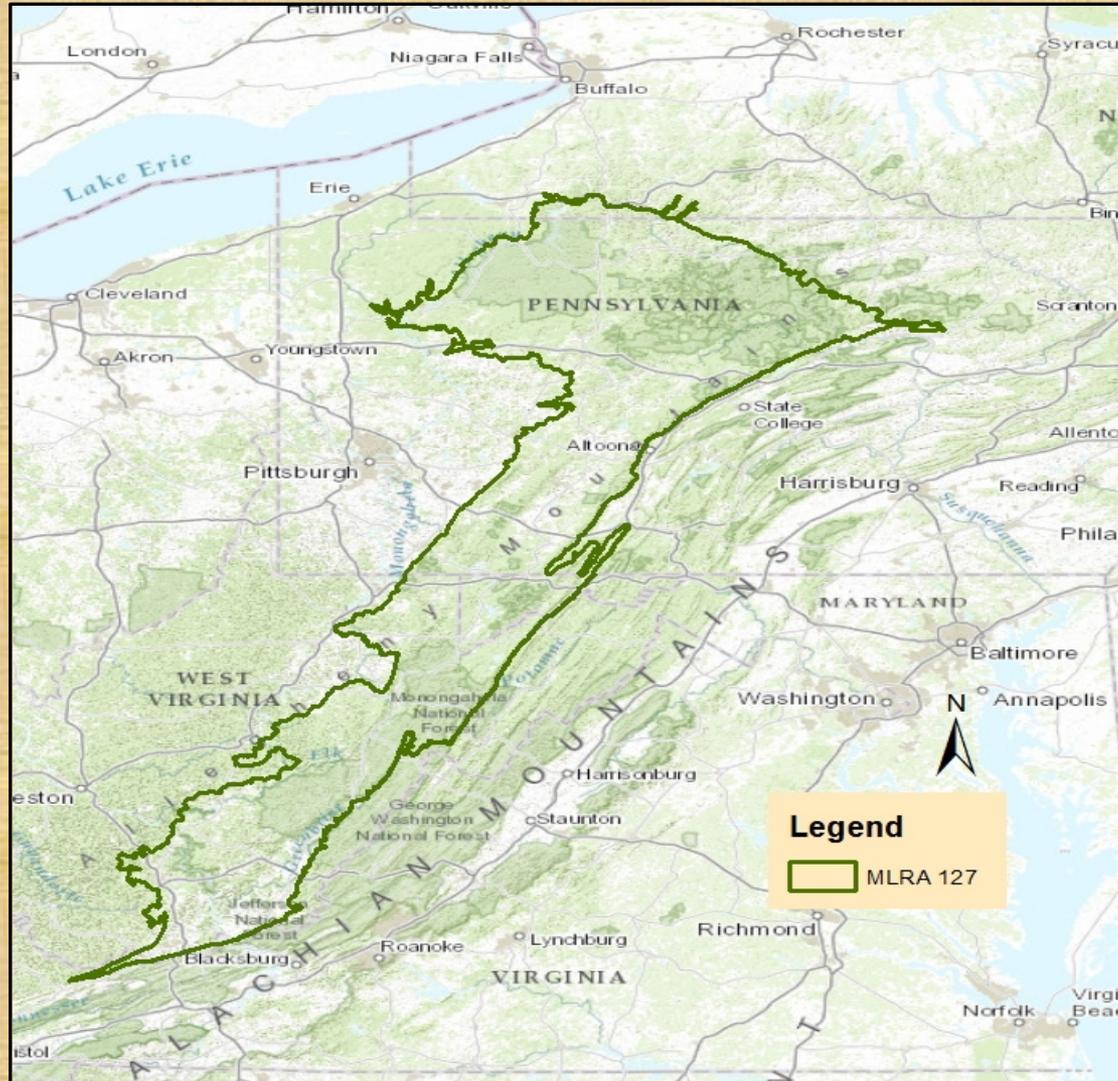




Eastern Allegheny Plateau and Mountains

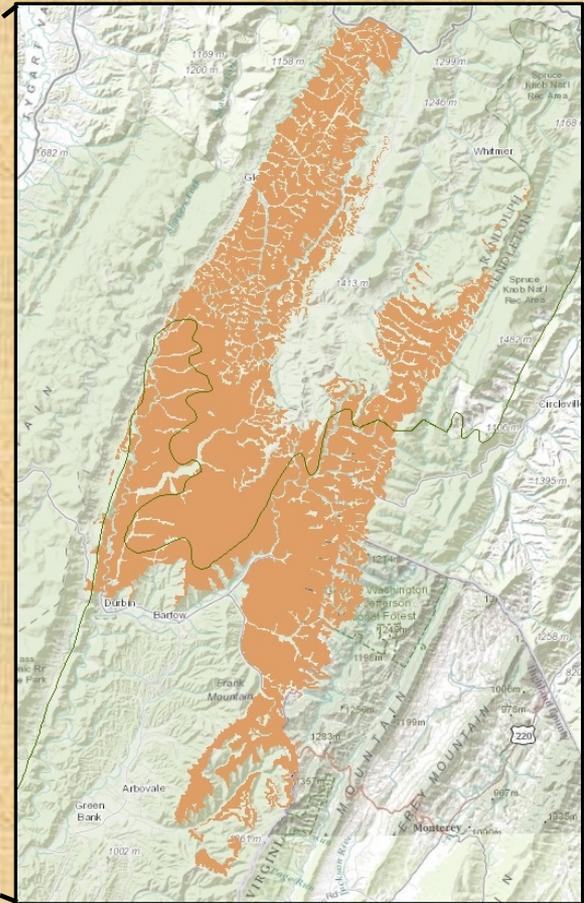
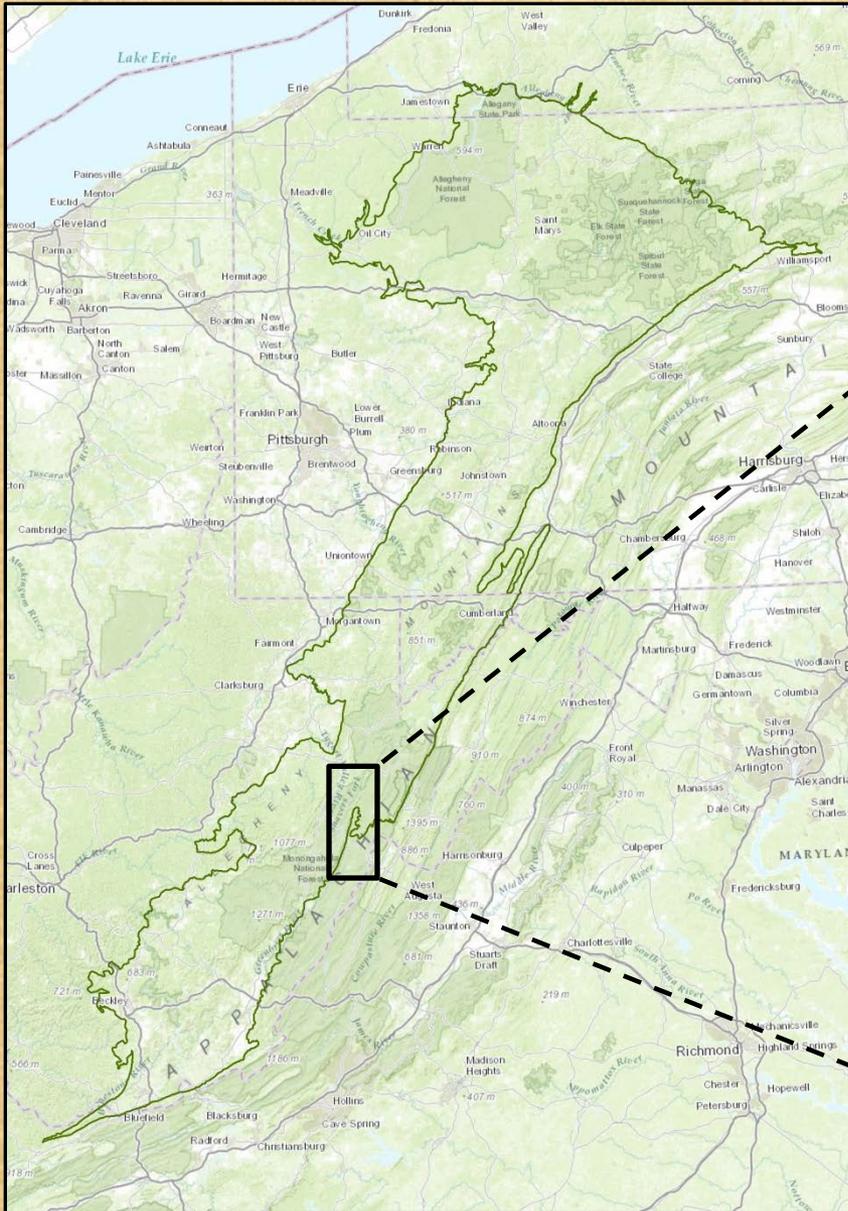
UPDATING BERKS 'MOIST' IN MLRA 127

UPDATING BERKS 'MOIST' IN MLRA 127

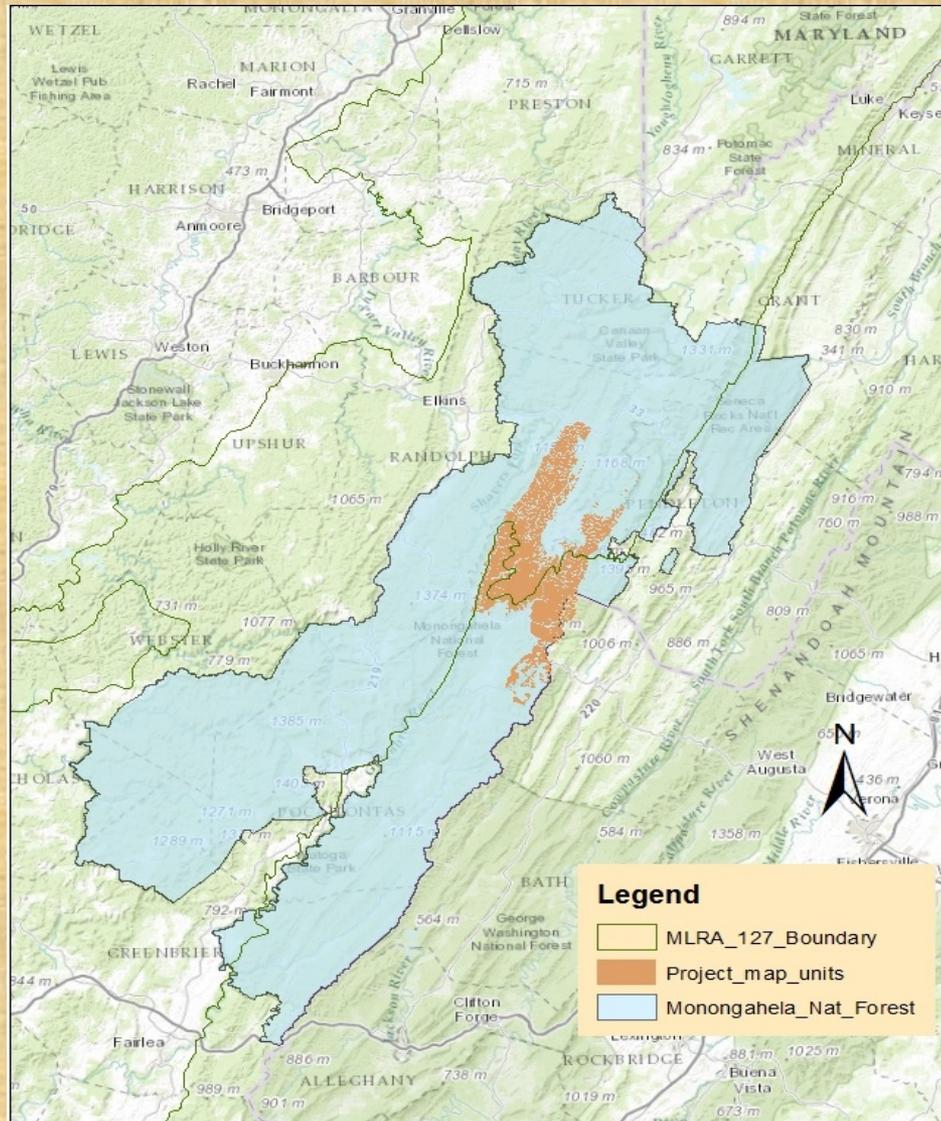


Project map units

98,457 acres



UPDATING BERKS 'MOIST' IN MLRA 127



UPDATING BERKS 'MOIST' IN MLRA 127

Berks Series (from the OSD)

- Benchmark soil
- Loamy-skeletal, mixed, active, mesic Typic Dystrudepts
- Well drained
- Moderately deep
- Formed in residuum weathered from shale, siltstone, and fine-grained sandstone under deciduous hardwood forests.
- Summits, shoulders, and backslopes of dissected uplands
- Mean annual precipitation is 40 - 44 inches.
- Mean annual temperature is 50 - 55 degrees F.
- Growing season is 170 - 214 days

UPDATING BERKS 'MOIST' IN MLRA 127

Berks 'Moist'

- Correlated in 1978 – Soil Survey of Randolph Co. WV
- Same soils correlated to the Mandy series in newer surveys
- Loamy-skeletal, **frigid** (mesic)
- Well drained
- Moderately deep
- Formed in residuum weathered from shale, siltstone, and fine-grained sandstone under a **mixed forest of red spruce, hemlock, and northern hardwoods**. (deciduous hardwood forests.)
- Summits, shoulders, and backslopes of dissected uplands
- Mean annual precipitation is **53** inches. (40 – 44 in.)
- Mean annual air temperature is **46** degrees F. (50 – 55 d)
- Growing season is **90 – 120** days (170 – 214 days)

UPDATING BERKS 'MOIST' IN MLRA 127



FIELD WORK

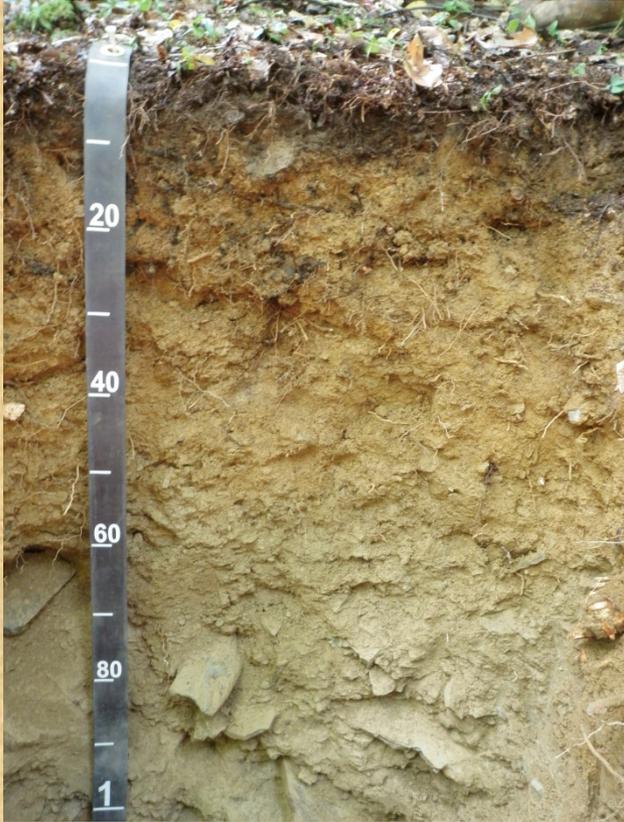
- 332 site and pedon descriptions

UPDATING BERKS 'MOIST' IN MLRA 127



SPODIC DYSTRUDEPTS 55-60 %

TYPIC HAPLORHODS 15-20%



UPDATING BERKS 'MOIST' IN MLRA 127

UPDATING BERKS 'MOIST' IN MLRA 127

Updating the soil survey on these landscapes supports:

- Development of Ecological Site Descriptions
- WVU research programs
- Conservation and enhancement of Northern Flying Squirrel habitat
- Red spruce restoration programs



UPDATING BERKS 'MOIST' IN MLRA 127

Soil Survey Partnership



West Virginia University



U S Forest Service