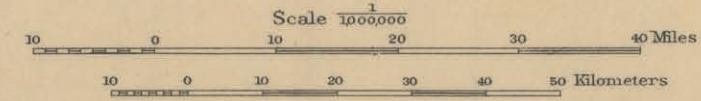


GEOLOGIC MAP OF WISCONSIN

REVISED 1939 BY E. F. BEAN



LEGEND

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|--|---|--|---|
| SILURIAN DEVONIAN | Milwaukee Formation (chiefly shale with some dolomite; about 130 ft. thick) | CAMBRIAN | Upper Cambrian or St. Croix Sandstone ("Piedmont") including Madison sandstone, Trempealeau, Franconia, Drexbach, Eau Claire and Mt. Simon formations; total thickness 500 to 1,000 ft. |
| Niagara Dolomite (including the overlying Washburne dolomite beds 300 to 700 ft. thick) | | Lake Superior Sandstones (includes several sandstone formations with much shale; total thickness estimated at 25,000 ft.) | |
| ORDOVICIAN | Richmond (Cincinnati) Shale (includes Maynoka shale in S. W. Wis.; 50 to 500 ft.) | Barron Quartzite. (Varies from a soft sandstone to a hard siliceous quartzite. Maximum known thickness 800 feet. Average thickness is thought not to exceed 300 feet. Exact correlation not known; probably Upper Keweenawian) | |
| Galena Black River Dolomite (including Decorah shale, and Plattville dolomite and limestone in Western Wisconsin and dolomites of similar ages in eastern Wisconsin; 200 to 350 ft. thick) | | Keweenaw Igneous Rocks (Gabbro and diabase, and basic lava flows with basic and acid intrusives; total thickness very great.) | |
| St. Peter Sandstone (sandstone with some shale at the base; variable in thickness, 0 to 350 ft.) | | Huronian Formations (Metamorphic sedimentary rocks—quartzites, slates, iron formations of Upper, Middle, and Lower Huronian series; thickness in places over 6,000 ft.) | |
| Lower Magnesian Dolomites (includes the Shakopee dolomite 50 ft., unconformably overlying the Onondaga dolomite 120 ft.; dolomite with some sandstone layers) | | Huronian and Laurentian (chiefly igneous rocks—granites, gneisses, gabbros, porphyries; includes large areas of Huronian sedimentary rocks in regions not yet surveyed in detail) | |
| Border of Wisconsin Drift | | Border of Old Drift (Pre-Wisconsin Drift) | |

The drift covered portion of the State lies east and north of the drift border, the Driftless Area being in the southwestern part of the State.
A small area of Mississippian at Milwaukee is not shown.