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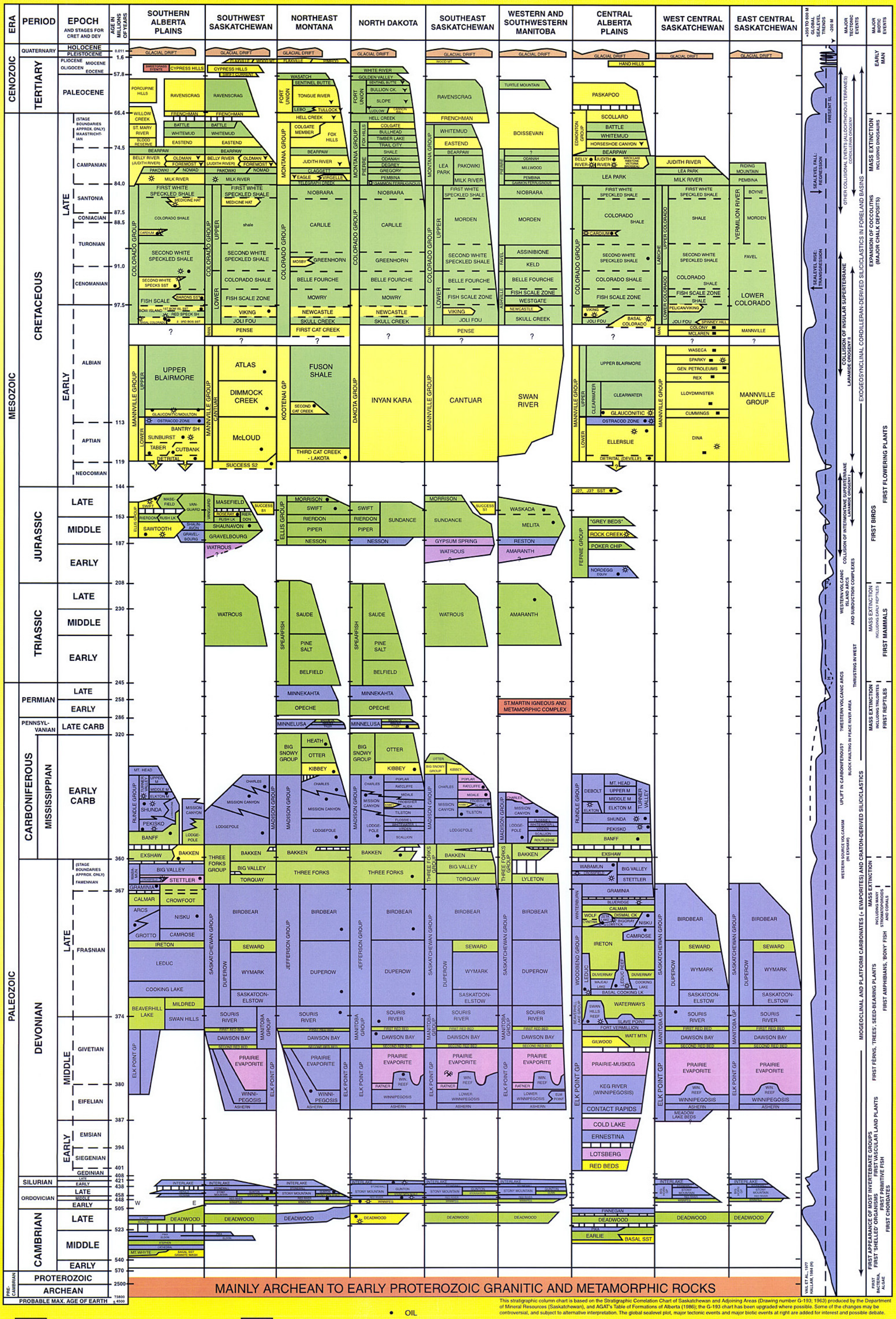
TABLE OF FORMATIONS OF SASKATCHEWAN (INCLUDING THE WILLISTON BASIN AND ADJOINING AREAS)



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This stratigraphic column chart is based on the Stratigraphic Correlation Chart of Saskatchewan and Adjoining Areas (Drawing number G-193; 1963) produced by the Department of Mineral Resources (Saskatchewan), and AGAT's Table of Formations of Alberta (1986); the G-193 chart has been upgraded where possible. Some of the changes may be controversial, and subject to alternative interpretation. The global sealevel plot, major tectonic events and major biotic events at right are added for interest and possible debate.

Absolute Age: The absolute time scale in millions of years at left uses the ages adapted by the Geological Society of America in 1983 for the Decade of North American Geology (DNAG) publication series; error ranges are not shown.

Global Sealevel: The global sealevel plot at right is modified from Vail et al (1977)* and Hallam (1984)*; because the absolute ages adapted for DNAG do not match Vail's base, the plot must be considered an approximation only.

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*Vail, P.R. et al, 1977, AAPG Mem. 26, edit. Payton, C.E., p. 83-97. * Hallam, A., 1984 Ann. Rev. Earth Planet. Sci., v. 12, p. 205-243.