NRC-034
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National Geologic Map Database

Geolex — Unit Summary

Geologic Unit: White River

Usage:

White River Group (CO*,MT*,NE*,ND*,SD*,WY*)
White River Formation (CO*,MT,NE*,SD*,WY*)

Subunits:

GROUP STATUS (alphabetical): Brule Clay (NE) or Brule Formation (CO*,MT*,NE*,ND*,SD*,WY*), Castle Rock Conglomerate (CO*), Chadron Formation (CO*,MT*,NE*,ND*,SD*,WY*), Chamberlain Pass Formation (SD), Little White River Formation (SD), /Sweetwater Member (WY).
FORMATION STATUS (alphabetical): Beaver Divide Conglomerate Member (WY*), Big Sand Draw Sandstone Lentil (WY*), Cedar Creek Member (CO), Horsetail Creek Member (CO), Vista Member (CO).

Geologic age:

early Tertiary (Eocene to Oligocene; Chadronian to Whitneyan NALMA)*

Significant Publications

Correlation charts
GNC Archives
N.A. Stratigraphic Code
More Resources

Type section, locality, area and/or origin of name:

Named from occurrence near mouth of White River, SD. Deposits in places crown summits of hills on east side of the Missouri [River] near mouth of White River (Meek and Hayden, 1858; 1862).

AAPG geologic province:

Chadron arch*
Denver basin*
Sioux uplift*
Williston basin*
Wind River basin*

For more information, please contact Nancy Stamm, Geologic Names Committee Secretary.

Asterisk (*) indicates usage by the U.S. Geological Survey. Other usages by state geological surveys.

"No current usage" (†) implies that a name has been abandoned or has fallen into disuse. Former usage and, if known, replacement name given in parentheses ( ).

Slash (/) indicates name does not conform with nomenclatural guidelines (CSN, 1933; ACSN, 1961, 1970; NACSN, 1983, 2005). This may be explained within brackets ([ ]).

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