


11-1960

Groundwater Map of Nebraska, November 1960

E. C. Reed

V.H. Dreeszen

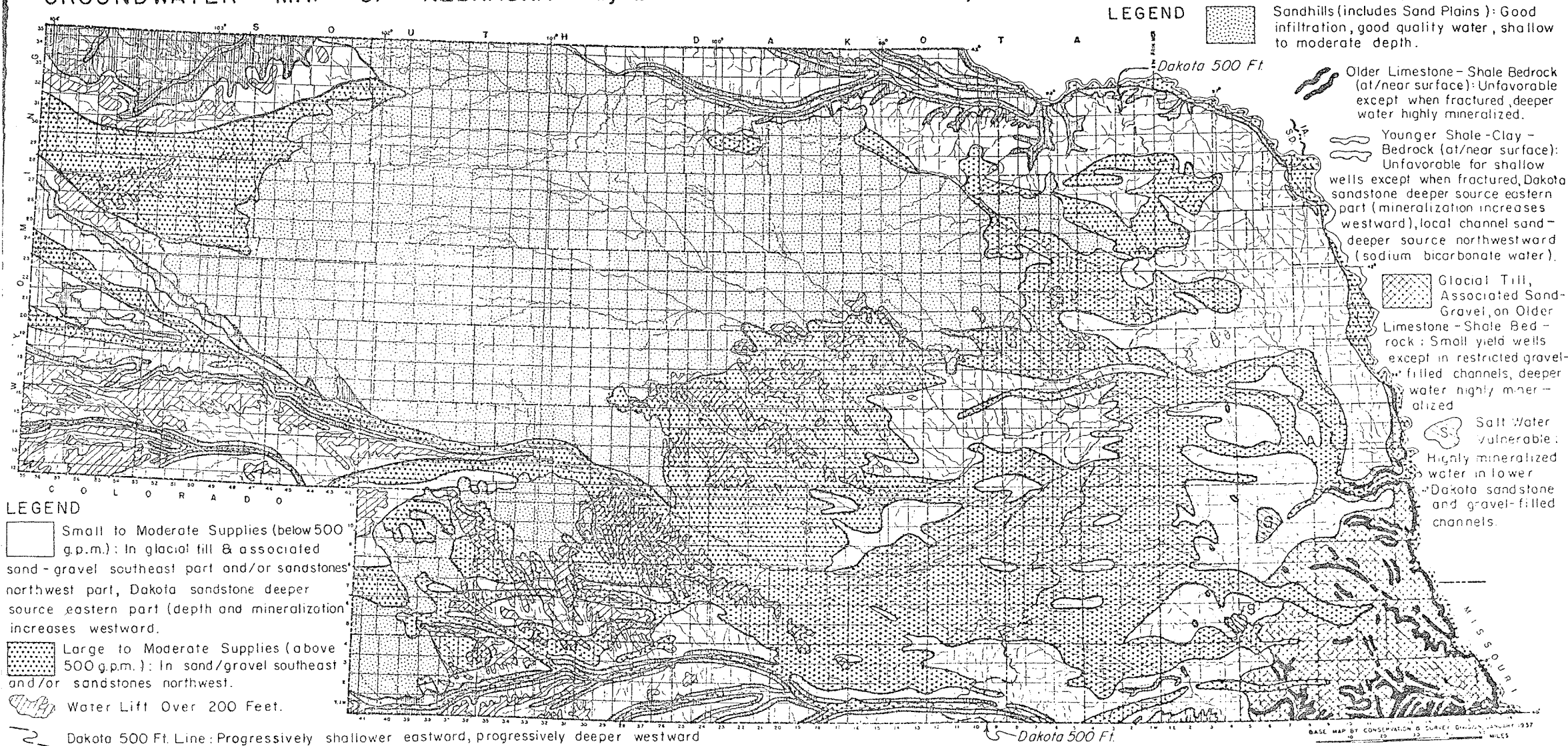
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
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Reed, E. C. and Dreeszen, V. H., "Groundwater Map of Nebraska, November 1960" (1960). *Conservation and Survey Division*. 281.
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
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GROUNDWATER MAP OF NEBRASKA by E.C. Reed and V.H. Dreeszen, Cons. & Surv. Div. — Uni. of Nebraska, NOV. 1960




LEGEND  Sandhills (includes Sand Plains): Good infiltration, good quality water, shallow to moderate depth.


 Older Limestone-Shale Bedrock (at/near surface): Unfavorable except when fractured, deeper water highly mineralized.


 Younger Shale-Clay-Bedrock (at/near surface): Unfavorable for shallow wells except when fractured, Dakota sandstone deeper source eastern part (mineralization increases westward), local channel sand-deeper source northwestward (sodium bicarbonate water).


 Glacial Till, Associated Sand-Gravel, on Older Limestone-Shale Bedrock: Small yield wells except in restricted gravel-filled channels, deeper water highly mineralized.


 Salt Water vulnerable: Highly mineralized water in lower Dakota sandstone and gravel-filled channels.


LEGEND

 Small to Moderate Supplies (below 500 g.p.m.): In glacial fill & associated sand-gravel southeast part and/or sandstones northwest part, Dakota sandstone deeper source eastern part (depth and mineralization increases westward).

 Large to Moderate Supplies (above 500 g.p.m.): In sand/gravel southeast and/or sandstones northwest.

 Water Lift Over 200 Feet.

 Dakota 500 Ft. Line: Progressively shallower eastward, progressively deeper westward

 Dakota 500 Ft.

BASE MAP BY CONSERVATION & SURVEY DIVISION, JANUARY 1937