Sam Root

COAL FIELDS OF THE UNITED STATES

SHEET 1

By
James Trumbull

(Coal fields of Alaska are shown on sheet 2)

SCALE 1:5 000 000
Approximately 1 inch to 80 miles
100 0 100 200 MILES

1960

Albers equal-area projection

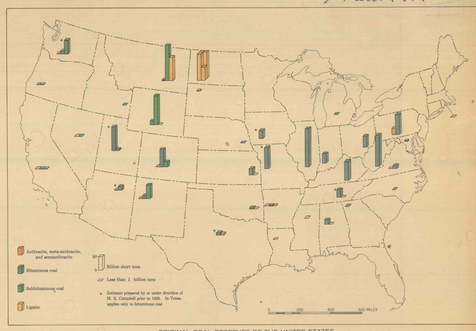
EXPLANATION

- Anthracite, semianthracite, and meta-anthracite
- Subbituminous coal
- Low-volatile bituminous coal
- Lignite and brown coal
- Medium- and high-volatile bituminous coal
- Coking coal (coal coked at the present time, or coal that has been coked in the past)

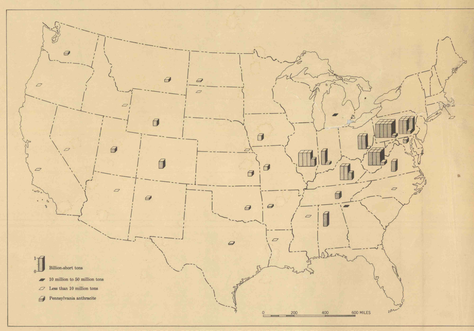
Deep color represents areas known to contain coal beds that are of commercial value at the present time or that may be of value in the future. In general the minimum thicknesses included are 14 inches for anthracite and bituminous coal, and 30 inches for subbituminous coal and lignite.

Light color represents areas of doubtful value for coal. These may be divided into three classes—(1) areas containing thin or irregular beds, which generally have little or no value, but which locally may be thick enough to mine, (2) areas in which the coal is poor in quality, and (3) areas where information on the thickness and quality of coal beds is meager or lacking.

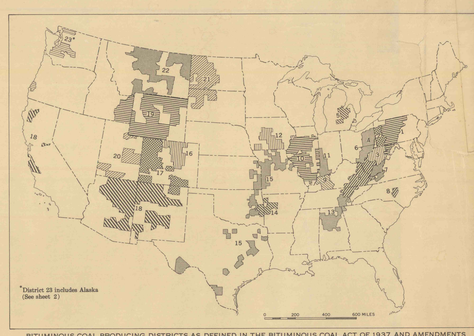
Light color and stippling denote that the coal-bearing formations are under cover which may range from a few hundred to several thousand feet.



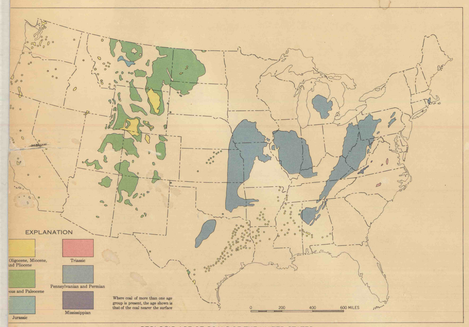
ORIGINAL COAL RESERVES OF THE UNITED STATES



CUMULATIVE COAL PRODUCTION IN THE UNITED STATES TO 1 JANUARY 1959



BITUMINOUS COAL PRODUCING DISTRICTS AS DEFINED IN THE BITUMINOUS COAL ACT OF 1937 AND AMENDMENTS
The districts were originally established to aid in formulating minimum prices of bituminous coal and lignite. Because much statistical information was compiled in terms of these districts, their use for statistical purposes has continued since the abandonment of that legislation in 1943.



GEOLOGIC AGE OF COALS OF THE UNITED STATES

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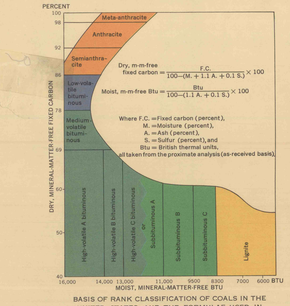
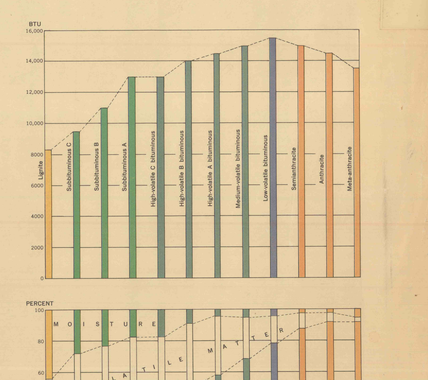


BASIS OF RANK CLASSIFICATION OF COALS IN THE UNITED STATES, AND THE FORMULAE USED IN MAKING APPROXIMATE RANK DETERMINATIONS

Determinations based on the above cannot be considered final or even adequate for any but the most general application. For further information, see the Standard Specifications for Classification of Coals by Rank of the American Society for Testing Materials, A.S.T.M. designation D388–38.



HEAT VALUE OF COAL OF DIFFERENT RANKS COMPARED TO PROXIMATE ANALYSES

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INTERIOR—GEOLOGICAL SURVEY, WASHINGTON, D. C.—1960