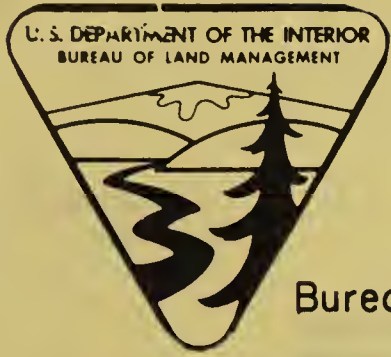


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# TECHNICAL NOTE

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Date Issued 11/25/69

Bureau of Land Management U.S. DEPARTMENT OF THE INTERIOR

Subject: Coal, Reserves

Reference: Averitt, Paul, USGS Open File Report, 1968

Data: See attached sheet.

Please send any additional references on this subject or other minerals subjects to DSC (D-310). If the complete article or publication is needed, DSC (D-310) will attempt to obtain a copy or a loan for you.

FOR ADDITIONAL COPIES WRITE TO DIRECTOR, PORTLAND SERVICE CENTER, BOX 3861, PORTLAND, ORE., 97208

TOTAL ESTIMATED REMAINING COAL RESOURCES OF THE UNITED STATES, Jan. 1, 1967 [In millions of short tons. Figures are for resources in the ground, about half of which may be considered recoverable. Includes beds of bituminous coal and anthracite 14 in. or more thick and beds of subbituminous coal and lignite 2½ ft. or more thick.] ✓

Overburden 0-3,000 feet

Resources determined by mapping and exploration  
Remaining resources in the ground as of Jan. 1, 1967 ✓

State	Bituminous coal	Subbituminous coal	Lignite	Anthracite and semi-anthracite	Total	Estimated additional resources in unmapped and unexplored areas 3/	Estimated total remaining resources in the ground, 0-3,000 ft. overburden	Estimated resources in deeper structural basins 3,000-6,000 ft. overburden 3/	Estimated total remaining resources in the ground, 0-6,000 ft. overburden
Alabama	13,518	0	20	0	13,538	20,000	33,538	6,000	39,538
Alaska	19,415	110,674	✓ —	5/ —	130,089	130,000	260,089	5,000	265,089
Arkansas	1,640	0	350	430	2,420	4,000	6,420	0	6,420
Colorado	62,389	18,248	0	78	80,715	146,000	226,715	145,000	371,715
Georgia	18	0	0	0	18	60	78	0	78
Illinois	139,756	0	0	0	139,756	100,000	239,756	0	239,756
Indiana	34,779	0	0	0	34,779	22,000	56,779	0	56,779
Iowa	6,519	0	0	0	6,519	14,000	20,519	0	20,519
Kansas	18,686	0	6/ —	0	18,686	4,000	22,686	0	22,686
Kentucky	65,958	0	0	0	65,958	52,000	117,958	0	117,958
Maryland	1,172	0	0	0	1,172	400	1,572	0	1,572
Michigan	205	0	0	0	205	500	705	0	705
Missouri	23,359	0	0	0	23,359	0	23,359	0	23,359
Montana	2,299	131,877	87,525	0	221,701	157,000	378,701	0	378,701
New Mexico	10,760	50,715	0	4	61,479	27,000	88,479	21,000	109,479
North Carolina	110	0	0	0	110	20	130	5	135
North Dakota	0	0	350,680	0	350,680	180,000	530,680	0	530,680
Ohio	41,862	0	0	0	41,862	2,000	43,862	0	43,862
Oklahoma	3,299	0	6/ —	0	3,299	20,000	23,299	10,000	33,299
Oregon	48	284	0	0	332	100	432	0	432
Pennsylvania	57,533	0	0	12,117	69,650	10,000	79,650	0	79,650
South Dakota	0	0	2,031	0	2,031	1,000	3,031	0	3,031
Tennessee	2,652	0	0	0	2,652	2,000	4,652	0	4,652
Texas	6,048	0	6,878	0	12,926	14,000	26,926	0	26,926
Utah	32,100	150	0	0	32,250	48,000	80,250	35,000	115,250
Virginia	9,712	0	0	335	10,047	3,000	13,047	100	13,147
Washington	1,867	4,194	117	5	6,183	30,000	36,183	15,000	51,183
West Virginia	102,034	0	0	0	102,034	0	102,034	0	102,034
Wyoming	12,699	108,011	4/ —	0	120,710	325,000	445,710	100,000	545,710
Other States	✓ 618	8/ 4,057	9/ 46	0	4,721	1,000	5,721	0	5,721
Total	671,055	428,210	447,647	12,969	1,559,881	1,313,080	2,872,961	337,105	3,210,066

1/ By Paul Averitt, U.S. Geological Survey.

2/ Estimates from published reports of the U.S. Geological Survey and individual State Surveys reduced by production and losses in mining from date of estimate to Jan. 1, 1967. Losses assumed to be equal to production.

3/ Estimates by G. H. Ashley (Pennsylvania), H. M. Beikman (Washington), H. L. Berryhill, Jr., (Virginia and Wyoming), R. A. Brant (Ohio and North Dakota), W. C. Culbertson (Alabama), K. J. Englund (Kentucky), B. R. Haley (Arkansas), E. R. Landis (Colorado and Iowa), E. T. Luther (Tennessee), R. S. Mason (Oregon), F. C. Peterson (Kaiparowits Plateau, Utah), J. A. Simon (Illinois), J. V. A. Trumbull (Oklahoma), C. E. Wier (Indiana), and Paul Averitt for the remaining States

4/ Small resources of lignite included under subbituminous coal.

5/ Small resources of anthracite in the Bering River field believed to be too badly crushed and faulted to be economically recoverable.

6/ Small resources of lignite in beds generally less than 30 in. thick.

7/ Arizona, California, Idaho, Nebraska, and Nevada. Bituminous coal in Black Mesa field, Arizona included under subbituminous coal.

8/ Arizona, California, Idaho.

9/ California, Idaho, Louisiana and Nevada.