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The Reserve Base of Coal
for Underground Mining
in the Western United States



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The Reserve Base of Coal for Underground Mining in the Western United States

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THE RESERVE BASE OF COAL FOR UNDERGROUND MINING IN THE WESTERN UNITED STATES

by

Thomas K. Matson¹ and Doss H. White, Jr.²

ABSTRACT

The coal reserve base in the Western United States is presented for coalbeds amenable to extraction by underground mining methods. The Federal Bureau of Mines has abstracted data on the quality and quantity of coal resources/reserves from numerous State and Federal publications and modified such data as necessary to allow computer storage and retrieval. Tonnages are compiled by State, county, coalbed, and rank, and allotted to sulfur categories by statistical apportionment.

The coal reserve base in those States west of the Mississippi River, amenable to underground mining, is estimated to be approximately 131 billion tons. Of this total, about 30.8 billion tons are bituminous coal, 100.2 billion tons are subbituminous coal, and 126.4 million tons are anthracite. Lignite is not considered for underground mining in this report.

Included in this report is a glossary of terms applicable to a classification system for coal resources and reserves as jointly defined by the Bureau of Mines and U.S. Geological Survey. The purpose of this system is to provide for direct comparison or compilation of various resource/reserve data.

INTRODUCTION

A thorough, concise knowledge of the Nation's reserve base of energy minerals is important. In-depth planning and implementation of conventional or novel energy production techniques require knowledge of the quantity, quality, location, and availability of various primary energy sources.

The Mineral Supply Activity of the Federal Bureau of Mines compiles and reports such inventories on a continuing basis. This investigation, the second of a two-part series on the underground reserve base of coal in the United States, was prepared at the Intermountain Field Operation Center in Denver, Colo., and covers those States west of the Mississippi River. The

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earlier Information Circular dealt with the underground reserve base of coal in the Eastern United States (40).³

Various State, Federal, and private investigations quantifying the coal resources for selected areas have been published in the past. However, because differing criteria often have been employed in conducting these investigations, data are not always suitable to direct comparison or compilation. In an effort to develop a common definition that would permit comparison of resource data, the Bureau of Mines and the U.S. Geological Survey, in November 1973, jointly agreed to a standardized, definitive, broadly applicable classification system for mineral resources and reserves. These definitions were adapted for coal investigations early in 1974 and are to be adhered to for official resource/reserve estimates by the U.S. Department of the Interior. This report conforms with the established criteria.

Background material is supplied to provide an explanation of the method of reserve base calculation. The background material will also indicate areas where the data are inadequate and further investigations are warranted. The location of the Nation's coalfields is shown in figures 1 and 2.

ACKNOWLEDGMENTS

The authors wish to acknowledge the assistance and cooperation of several individuals who contributed to the successful completion of this report. Paul Averitt and Edwin Landis of the U.S. Geological Survey offered assistance through their familiarity with coal in the Western United States. Charles E. Robertson of the Missouri Geological Survey, Robert E. Matson of the Montana Bureau of Mines and Geology, S. A. Friedman of the Oklahoma Geological Survey, Hellmut Doelling of the Utah Geological and Mineralogical Survey, and Gary B. Glass of the Geological Survey of Wyoming assisted with knowledge of coal in their respective States.

Thanks are also extended to Jerrold G. Thompson, Paul J. Waller, and Joseph E. Toland, Division of Automatic Data Processing, Bureau of Mines, Denver Colo., for preparing the tables.

³Underlined numbers in parentheses refer to items in the list of references preceding the appendixes.

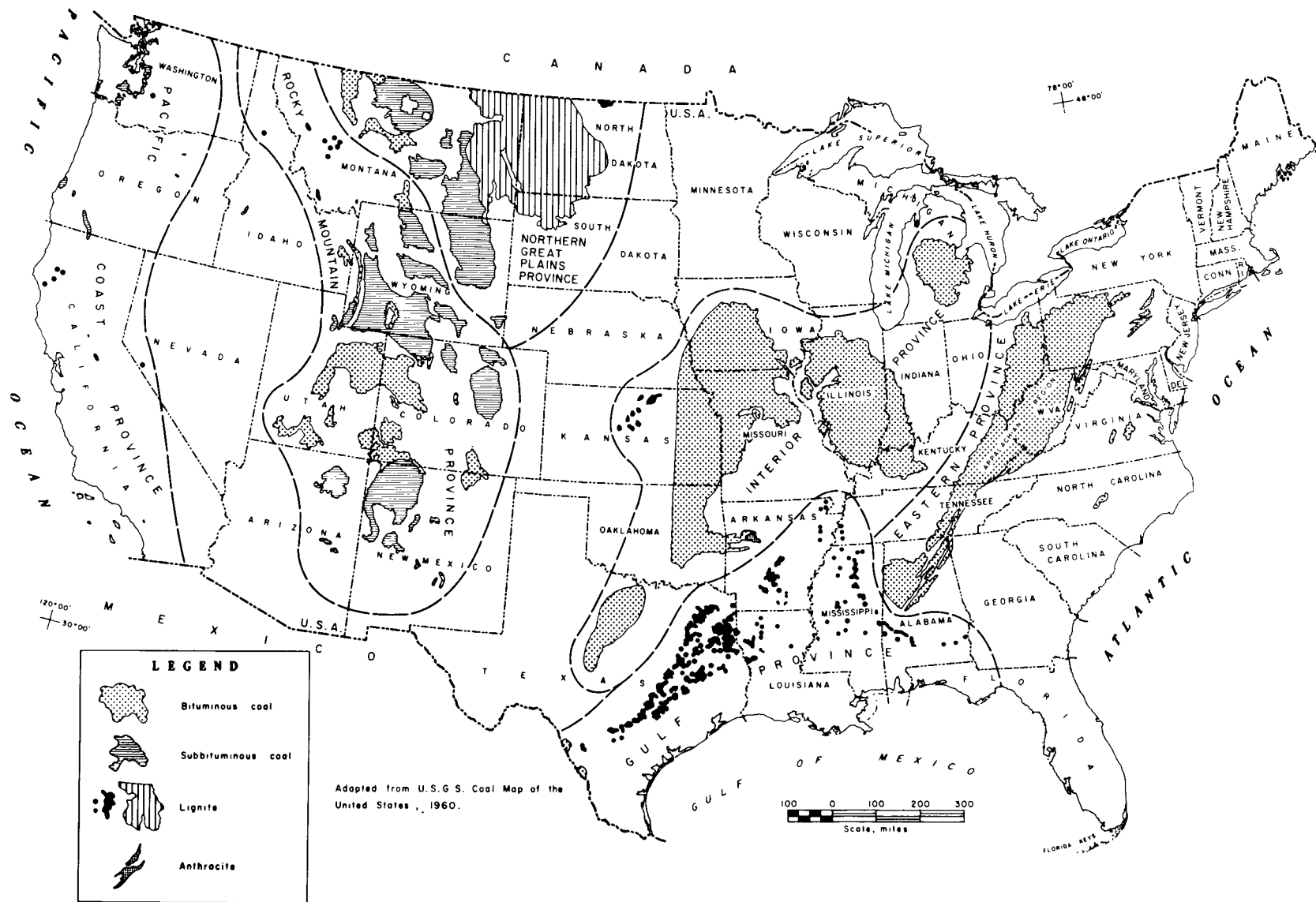


FIGURE 1. - Bituminous and subbituminous coal and lignite fields of the conterminous United States.

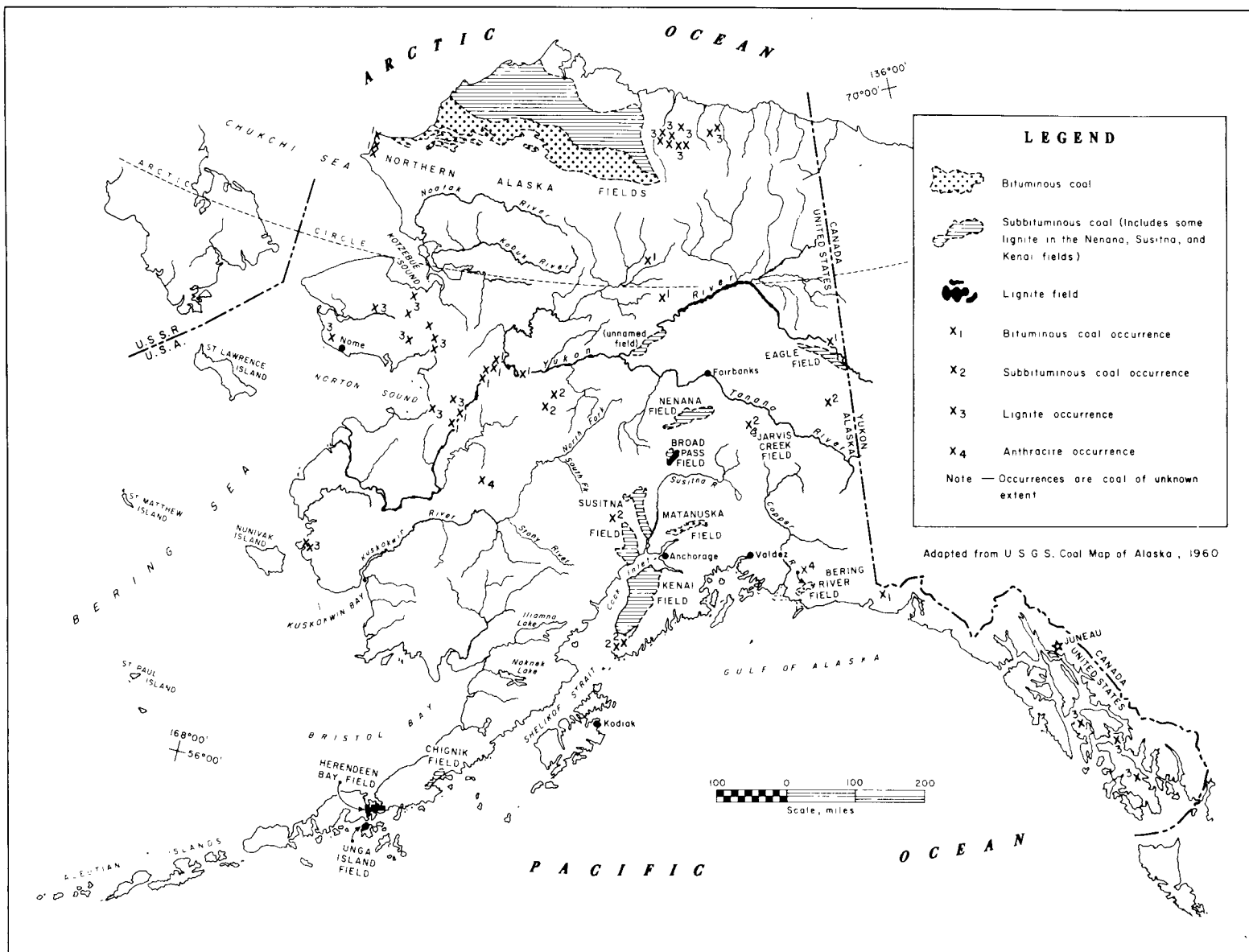


FIGURE 2. - Coalfields of Alaska.

CRITERIA

Coal resource and reserve classifications are based upon (1) the thickness of the coalbed, (2) the depth of the coalbed, and (3) the reliability of the data upon which the estimate was based. The criteria for each category are described in the following paragraphs and summarized in table 1. These categories will be used in preparing all Department of the Interior coal resource/reserve estimates from January 1, 1974, until further revised.

TABLE 1. - Coal resource/reserve criteria¹

Category and coal rank	Depth, feet	Thickness, inches
Total resources and undiscovered resources:		
Anthracite and bituminous.....	6,000 or less	14 or more
Subbituminous and lignite.....	6,000 or less	30 or more
Identified resources:		
Anthracite and bituminous.....	3,000 or less	14 or more
Subbituminous and lignite.....	3,000 or less	30 or more
Reserves:		
Anthracite and bituminous.....	1,000 or less	28 or more
Subbituminous.....	1,000 or less	60 or more
Lignite.....	120 or less	60 or more
Subeconomic resources:		
Anthracite and bituminous.....	0-1,000	14-28
	1,000-3,000	14 or more
Subbituminous.....	0-1,000	30-60
	1,000-3,000	30 or more
Lignite.....	0- 120	30-60
	120-3,000	30 or more

¹Included in reserves, identified, and total resources are thinner and/or deeper beds that presently are being mined or for which there is evidence that they could be mined commercially at this time. Identified resources are classified as measured, indicated, and inferred according to the degree of geologic assurance as described in the text.

Identified resources--This category includes beds of bituminous coal and anthracite 14 inches or more thick and beds of subbituminous coal and lignite 30 inches or more thick that occur at depths to 3,000 feet, and whose existence and quantity have been delineated within specified degrees of geologic assurance as measured, indicated, or inferred. Also included are thinner and/or deeper beds that presently are being mined or for which there is evidence that they could be mined commercially.

Undiscovered resources--This category includes beds of bituminous coal and anthracite 14 inches or more thick and beds of subbituminous coal and lignite 30 inches or more thick that are presumed to occur in unmapped and unexplored areas reasonably near the surface (to depths of 3,000 feet) or in deeper structural basins of depths between 3,000 feet and 6,000 feet. All undiscovered coal resources in the United States are considered to be in the "hypothetical" category. (See appendix A.)

Total resources--This category is the sum of the "identified" and "undiscovered" resources.

Reserve base--The reserve base includes beds of bituminous coal and anthracite 28 inches or more thick and beds of subbituminous coal 60 inches or more thick that occur at depths to 1,000 feet, as well as beds of lignite 60 inches or more thick that can be surface mined--generally those that occur at depths no greater than 120 feet. Also included are thinner and/or deeper beds that presently are being mined or for which there is evidence that they could be mined commercially at this time.

Reserve or recoverable reserve--This category is that portion of the reserve base that can be mined legally and economically at the time of classification.

Subeconomic resources--All identified resources that do not fall into the reserve category are termed subeconomic resources. These include beds of bituminous coal and anthracite 14 inches to 28 inches thick and beds of subbituminous coal 30 inches to 60 inches thick that occur at depths to 1,000 feet, beds of bituminous coal and anthracite 14 inches or more thick and beds of subbituminous coal 30 inches or more thick that occur at depths between 1,000 and 3,000 feet, lignite beds 30 inches or more thick that cannot be surface mined--generally those that occur at depths greater than 120 feet, lignite beds 30 inches to 60 inches thick that can be surface mined, and the nonrecoverable portion of the reserve base.

The following criteria for measured, indicated, and inferred are applicable to both the reserve and subeconomic resource components.

Measured--Coal tonnage is computed from dimensions revealed in outcrops, trenches, mine workings, and drill holes. The points of observation and measurement are so closely spaced and the thickness and extent of coalbeds are so well defined that the calculated tonnage is judged to be accurate within 20 percent of true tonnage. Although the spacing of the points of observation necessary to demonstrate continuity of the coal differs from region to region according to the character of the coalbeds, the points of observation are, in general, no greater than 1/2 mile apart.

Indicated--Tonnage is computed partly from specified measurements and partly from projection of visible data for a reasonable distance on the basic geologic evidence. In general, the points of observation are about 1 mile apart, but they may be as much as 1-1/2 miles apart for beds of known continuity.

Inferred--Quantitative estimates are based largely on broad knowledge of the geologic character of the bed or region and few measurements of coalbed thickness are available. The estimates are based primarily on an assumed continuation for which there is geologic evidence. In general, inferred coal lies more than 1-1/2 miles from the outcrop or from points for which mining or drilling information is available.

Demonstrated reserves--This category is the sum of the measured and indicated reserves.

PROCEDURE

The coal reserve base for underground mining as presented in this report, was computed by subtracting the strippable reserve base from the total reserve base by coalbed. The reserve base of surface-minable coal was obtained primarily from a Bureau of Mines Information Circular (41), with various other Federal, State, and private data to augment and update tonnage figures. The total reserve base was compiled from many publications and reports. The Bureau of Mines has been active during the past several years in computer storage and retrieval of data on the quantity and quality of coal resources/reserves in the United States. These data, currently stored in a computerized energy data bank termed FAS (Fuels Availability System), were abstracted from numerous State and Federal publications. The input system uses depth, reliability-of-estimate, and bed-thickness modifiers for each tonnage entry, and each entry is located geographically as precisely as possible. However, because of the differing criteria previously used in calculating and reporting coal resource data, some modifications of the published estimates were required to bring the information to a standard form to allow computer storage and retrieval.

The coal-tonnage data in some publications were presented in such a manner that specific depth, reliability-of-estimate, and/or bed-thickness modifiers could not be assigned. When such data could not be categorized, an "unclassified" tonnage modifier was assigned for computer storage, resulting in the omission of some 49 billion tons of coal from the reserve base because the data were unuseable.

In addition to unclassified coal, the criteria discussed in the previous section require that coal too thin, too deep, or in the "inferred" reliability-of-estimate category be excluded from the reserve base. Also, lignite is not considered in the underground reserve base for purposes of this report. Economics do not justify mining lignite by underground methods because of the low heating value in relation to bituminous and subbituminous coal, and therefore the low sales value in relation to the cost of extraction.

Coal resource criteria, as presented in the literature, are summarized in table 2. The following discussion by state, explains the source data presentation and modifications thereof.

Alaska.--Coal-resource data are presented in standard form, and no modifications were required.

Arizona.--Data on underground coal resources are in the inferred reliability-of-estimate category or unclassified, precluding the estimation of an underground reserve base.

Arkansas.--Coal resource data required no modifications.

Colorado.--Much of the coal resource data was taken from a U.S. Geological Survey open file report (27). Additional Federal and State publications were used to supplement the open file report. Resource data are presented in

standard form except for some tonnages with thickness data "classified by zone."

Iowa.--Data on underground coal resources are presented in standard form and required no modifications. Comparable data for surface coal resources have not been published. Averitt (2) has estimated Iowa surface-minable coal at 1 billion tons based on geologic inference. In addition to being in the inferred category, the location of this coal has not been specified; therefore, it was not possible to use this figure to establish a strippable-coal reserve base.

Kansas.--Although "proven" (measured) resources, as defined by the Kansas Geological Survey, in the 0 to 1,000-foot-depth range amount to 1,197 million tons, data are lacking on coalbed thicknesses, precluding the calculation of an underground reserve base. According to A. L. Hornbaker, formerly with the Kansas Geological Survey, it is believed the Weir-Pittsburgh bed in Labette and Montgomery Counties may contain bituminous coal with a thickness greater than 28 inches, which would be within the underground reserve base category.

Missouri.--Coal resource data are estimated for two reliability-of-estimate categories: "indicated and strongly inferred" and "weakly inferred." Discussions with personnel of the Missouri Geological Survey led to the handling of "indicated and strongly inferred" as if it were "indicated." According to Charles E. Robertson of the Missouri Geological Survey, recent investigations in the State will increase the underground coal reserve base shown in the tables by about 3 billion tons when the computer data bank can be updated.

Montana.--Coal resource data, as reported in a U.S. Geological Survey Circular (12), are presented on a county basis; beds are not identified. Much of the subbituminous and lignite resource tonnage is reported as "unclassified as to thickness." Recent investigations have indicated that most of these unclassified resources are greater than 5 feet thick. For computer coding, these unclassified resources were prorated into the coal thickness categories "5 to 10 feet" and "greater than 10 feet;" all coal was considered to be less than 1,000 feet in depth.

Approximately 42.6 billion tons of surface-minable subbituminous coal and lignite has been reported in Montana. Because this coal was only reported on a deposit basis, it was necessary to prorate the surface-minable reserve base on a county basis for inclusion into the Fuels Availability System to facilitate the calculation of an underground reserve base.

New Mexico.--Coal resource data are presented in standard form, and no modifications were required. The strippable-coal reserve base was estimated from company reports and coal in the "measured" category in New Mexico Bureau of Mines Memoir 25.

Oklahoma.--Coal resource data are presented in standard form, and no modifications were required.

Oregon.--Coal resource data are reported in various nonstandard depths and required some modification. About 37.8 million tons is estimated to be in the "measured" and "indicated" reliability-of-estimate categories in beds greater than 5 feet thick to a depth of 1,500 feet. This coal is not reflected in the tables because of insufficient data to allocate tonnages from the nonstandard depth criteria.

Utah.--Coal resource data are reported for beds greater than 4 feet thick; therefore, it was not possible to carry the underground reserve base down to a 28-inch thickness for bituminous coal.

Wyoming.--Basic resource data are reported in a U.S. Geological Survey Circular (8) on county-township subdivisions. Subsequent reports have reported on a coalfield-township basis. Where information overlapped, the more recent reports were used to update the State resource information.

Gary Glass, staff coal geologist with The Geological Survey of Wyoming, has identified the surface-minable reserve base of coal in Wyoming, about 23.8 billion tons, by county. These data were allocated on a coalbed basis in line with previous estimates, and incorporated into the Fuels Availability System to facilitate the calculation of the underground coal reserve base.

Tables C-1, C-2, and C-3 present the reserve base of coal minable by underground methods, tabulated by sulfur content and thickness range. The thickness classifications, 28 to 42 inches and greater than 42 inches for bituminous coal and anthracite and 5 to 10 feet and greater than 10 feet for subbituminous coal and lignite, are equivalent to the manner in which the total reserve base of coal was available from the computer. However, such classification was not available for the strippable reserve base which, as stated earlier, must be subtracted from the total to obtain figures for coal minable by underground methods. This necessitated the allocation of the strippable reserve base into the aforementioned thickness categories according to rank. This was accomplished by allocation, based upon the average thickness of coalbeds amenable to surface mining in each State. As in the case of bituminous coal, an average coalbed thickness of 42 inches or less resulted in the allocations of that State's strippable reserve base to the 28- to 42-inch category. This is considered a reasonable approximation of actual conditions, but not as valid as the total tonnage of both thickness ranges. A tabulation of average strippable coalbed thickness follows by State:

<u>State</u>	<u>Average strippable coalbed thickness</u>	<u>State</u>	<u>Average strippable coalbed thickness</u>
Alaska.....	>10 ft	North Dakota.....	16 ft
Arizona.....	10 ft	Missouri.....	24 in
Arkansas.....	26 in	Oklahoma.....	24 in
Colorado.....	12 ft	Texas.....	7 ft
Iowa.....	36 in	Utah.....	14 ft
Kansas.....	22 in	Washington.....	22 ft
Montana.....	24 ft	Wyoming.....	67 ft
New Mexico.....	11 ft		

TABLE 2. - Western coal resource criteria as published

State	Rank	Reliability category	Thickness division ¹	Depth division, ² feet	Data source
WESTERN INTERIOR AND TEXAS GULF COAST					
Arkansas.....	Bituminous and semianthracite.	Measured, indicated, inferred.	Standard	0- 60 60- 500 500-1,000 1,000-2,000 2,000-3,000	(19).
Iowa.....	Bituminous.....	Measured and indicated, inferred.	Standard	0-1,000	(26).
Kansas.....	.....do.....	Proved, potential ³ ..	⁴ >10	(⁴)	(1).
Missouri.....	.....do.....	Indicated and strongly inferred, weakly inferred.	12-18, 18-28, 28-42, >42 inches.	0-1,000	(37).
Oklahoma.....	.....do.....	Measured, indicated, inferred.	Standard	Standard	(39).
Texas.....	.....do.....	Inferred.....	Various--range 1.2-6 feet.	Standard	(30).
Do.....	Lignite.....	Measured, indicated.	>5 feet	0-90, >90	(17).
WESTERN STATES					
Arizona					
Black Mesa.	Bituminous and subbituminous.	Measured, inferred..	Various	0- 650 0-1,000 0-1,700	(35).
Deer Creek.	Bituminous.....	Unclassified.....	>14 inches	0-1,000	(3).
Pinedale...	Subbituminous..	.....do.....	>30 inches	0-1,000	(3).
Colorado.....	Anthracite, bituminous, subbituminous.	Measured and indicated, inferred.	Standard ⁵	Standard	(5-6), (20), (22-23), (27), (42-44), (47).
Montana.....	Bituminous.....	.....do.....	14-24, 24-36, >36 inches	0-2,000	(12).
Do.....	Subbituminous and lignite.	.....do.....	Standard and unclassified.	0-2,000	(12).
New Mexico...	Anthracite, bituminous, subbituminous.	Measured, indicated, inferred.	Standard	Standard	(36).
Strip.....	Bituminous and subbituminous.	Measured and inferred.	Unclassified.	0- 150 150- 250	(38).
North Dakota.	Lignite.....	Measured, indicated, inferred.	Standard	0-1,000	(9).
South Dakota.	.....do.....	.....do.....	Standard	0-1,000	(10).
Utah.....	Bituminous, subbituminous, lignite.	Measured, indicated, inferred or unclassified.	>4 feet, by zone, or unclassified.	Various ⁶	(13-15).
Wyoming.....	Bituminous and subbituminous.	Measured, indicated, inferred.	Standard	Standard	(8).
PACIFIC COAST					
Alaska.....	Bituminous, subbituminous, lignite.	Measured, indicated, inferred.	Standard	Standard	(4).
California..	Subbituminous and lignite.	"Assumption".....	Unclassified	Unclassified	(24).
Idaho.....	Bituminous and subbituminous.	.....do.....	>4 feet	0-1,200	(25).
Oregon.....	Subbituminous..	Measured, indicated, inferred.	Various--range 2.9-4.9 feet.	Unknown	(31).
Washington..	Anthracite and bituminous.	Measured and indicated, inferred	Standard	Standard	(7).
Do.....	Lignite.....	.....do.....	Standard	0-1,000	(7).

¹The standard thickness divisions are 14-28, 28-42, and >42 inches for bituminous coal and anthracite, and 30-60, 60-120, and >120 inches for subbituminous coal and lignite.

²The standard depth divisions are 0-1,000, 1,000-2,000, and 2,000-3,000 feet.

³Potential refers to coal under a 400-square-mile area estimated from one or more measurements.

⁴Depth-thickness criteria are 16 inches at 100 feet, 18 inches at 150 feet, 22 inches at 200 feet, 32 inches at 600 feet, and 36 inches at 1,200 feet.

⁵Data for anthracite and bituminous coal are also reported on an inferred zone basis with various thickness divisions and depth divisions of 1,000-2,000 or 0-3,000 feet.

⁶Depth is not always reported and some divisions are 0-2,000 or 0-3,000 feet.

The sulfur content data were compiled as the number of sulfur analyses falling in each of 50 categories, ranging from zero to 10 percent with increments of 0.2 percent. Each category was numbered consecutively from 1 to 50. When plotted, using the category number as abscissa and the number of analyses as ordinate, it was frequently found that the distribution was multimodal. It was assumed that a multimodal distribution was created due to the lack of a sufficient number of analyses to fully describe a unimodal distribution. Therefore, the data were adjusted by eliminating nonconforming points to force a unimodal frequency distribution.

The adjusted data were then used in a least-squares regression routine to obtain an equation that described an expected frequency function. This equation was then used to determine smoothed values for each of the sulfur percentage categories within the range of the data. These values were adjusted so that each one represents the percentage of the total coal deposit that has the sulfur content specified, and the sum of all the category percentages equaled 100.

Although it is believed that the frequency functions derived were good estimates of the actual functions, it should be noted that the results of smoothing the data cannot be considered as an absolute distribution of sulfur content in any region. Lack of a sufficient number of analyses to adequately describe the distribution could have caused a frequency function to be created that describes a distribution that is completely unrepresentative of the sulfur content in that region. As an example, it is entirely possible that all of the analyses taken in a region were only from a small portion of the entire region.

Historical data on coal production were insufficient to allow compilation of the remaining reserve base by coalbed. To preserve the detail allowed in tabulating by bed, the original reserve base of coal for underground mining is compiled in appendix C. Depletion--production plus coal lost in mining--and resource estimate dates have been summarized by State in table 3.

TABLE 3. - Coal depletion, by State--January 1, 1974¹

State	Depletion, ² million tons	Date of resource estimate	State	Depletion, ² million tons	Date of resource estimate
Alaska.....	42	Original	Montana.....	377	Original
Arizona.....	10	Do.	New Mexico....	335	Do.
Arkansas.....	205	Do.	Oklahoma.....	392	Do.
California....	7	Do.	Oregon.....	8	Do.
Colorado.....	1,175	Do.	Texas.....	61	Do.
Idaho.....	<1	Do.	Utah.....	650	Do.
Iowa.....	727	Do.	Washington....	11	1960
Kansas.....	32	1957	Wyoming.....	20	1/1/73
Missouri.....	656	Original			

¹Figures for 1973 are preliminary.

²Depletion was calculated from date of resource estimate.

UNDERGROUND COAL PRODUCTION IN THE WESTERN UNITED STATES

Total coal production in the United States in 1972 was 595 million tons. Underground production was 304 millions tons, the surface and auger mining accounting for the remainder.

Total coal production from States west of the Mississippi River in 1972 was 64.3 million tons, of which approximately 9.8 million tons was produced from underground mines. No lignite was produced by underground mining methods. Western States with underground production in 1972 were Arkansas, Colorado, Iowa, Montana, New Mexico, Oklahoma, Utah, Washington, and Wyoming. Colorado and Utah contributed 31 percent and 49 percent respectively, of the total western underground coal production. Relevant production data are contained in table 4.

TABLE 4. - Underground mining in the Western United States in 1972,¹
thousand short tons

State	Number of mines	Production	Cut by conventional machines	Mined by continuous-mining machines	Mined by long-wall machines	Average value per ton	Average number of men working daily	Average number of days worked	Average tons per man per day
Arkansas.....	1	8	8	-	-	\$12.50	34	51	4.63
Colorado.....	27	² 3,070	162	2,598	308	8.34	1,185	241	10.74
Iowa.....	2	352	352	-	-	4.80	54	280	23.29
Montana.....	3	17	17	-	-	9.74	30	127	4.39
New Mexico.....	1	1,014	-	1,014	-	10.42	227	270	16.53
Oklahoma.....	2	88	-	88	-	15.00	111	177	4.50
Utah.....	21	4,770	442	3,604	723	8.93	1,577	225	13.44
Washington.....	1	³ 29	-	-	-	16.40	17	205	8.18
Wyoming.....	5	442	106	335	-	4.89	153	218	11.91
Total.....	63	9,790	1,087	7,639	1,031	8.65	3,388	199	14.50
Total United States.	1,996	304,103	113,766	178,375	7,763	9.70	112,252	227	11.91

¹Data abstracted from U.S. Bureau of Mines. Coal-Bituminous and Lignite in 1972. Mineral Industry Survey, Nov. 15, 1973.

²Includes 1,000 tons cut by hand and shot from solid.

³All coal cut by hand and shot from solid.

Approximately 90 percent of underground coal production in the Western United States in 1972 was mined by room-and-pillar methods, 87 percent of this tonnage being produced using continuous-mining machines.

Longwall mining contributed about 10 percent of Western United States underground coal production in 1972.

CONSTRAINTS ON THE AVAILABILITY OF COAL FOR UNDERGROUND MINING

Although the reserve base of coal west of the Mississippi River amenable to underground mining amounts to about 131 billion tons, there are various factors that would preclude extracting large quantities of this tonnage.

The existence of multiple coalbeds may prevent the safe and efficient extraction of a coalbed when an overlying or underlying bed has been previously mined.

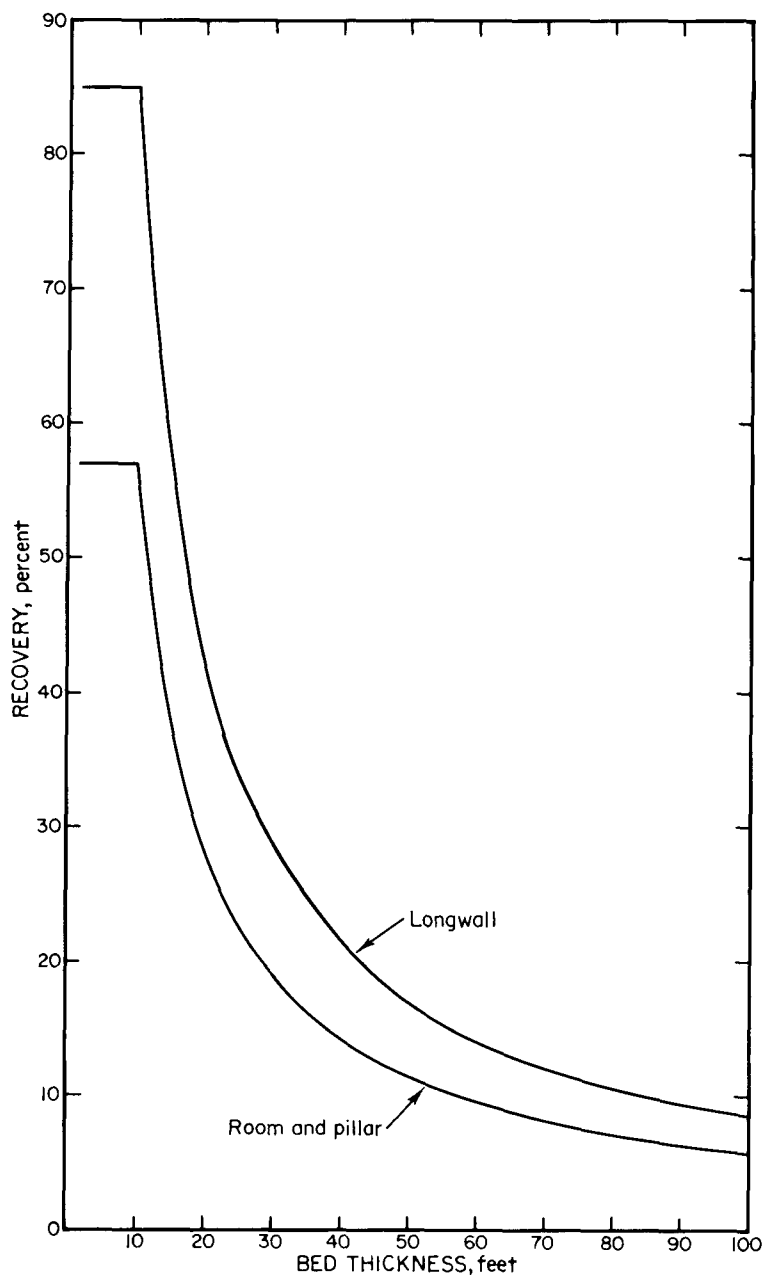


FIGURE 3. - Percentage recovery of thick coalbeds.

feet thick. Data are not available in such a manner to quantitatively identify bituminous coal in beds greater than 10 feet thick. This thick coal is considered

A lower bed may receive high stress loads underneath unmined pillars in the upper bed, whereas mining the lower bed first may severely disrupt the upper bed through subsidence and compaction of the intervening strata. The severity of disruption in either case depends upon the distance between beds, the nature of the intervening strata, and the mining method employed.

Large tonnages of coal would also be unavailable for underground mining where surface subsidence cannot be tolerated owing to conflict with other land uses. This would include coal beneath towns, rivers, railroads, highways, and areas of high land values.

One of the most significant constraints on the availability of coal for underground mining in the Western United States is that coal which occurs in beds greater than 10 feet thick. Based on available data, at least 45.7 billion tons of subbituminous coal, or approximately 46 percent of the subbituminous reserve base and 35 percent of the total underground reserve base listed in this report is identified as being in coalbeds greater than 10

unavailable because domestic underground mining technology and equipment is essentially limited to face heights of 10 feet or less. Although there are a few mines recovering about 15 feet of coal, these are exceptional cases and do not reflect common practice or modern coal cutting equipment. This means that a mine in a 20-foot coalbed would only recover a percentage of the coal in a 10-foot slice of this bed, leaving unmined the remaining 10 feet of coal. Assuming that room-and-pillar mining can recover 57 percent (28) of the coal in this 10-foot slice, only 28.5 percent of the 20-foot bed will be recovered. Similarly, if longwall mining, or pillar extraction following room-and-pillar mining, is possible, 85 percent of the 10-foot slice may be recovered, translating to 42.5 percent recovery of the 20-foot bed. This example illustrates the gross contradiction to the concept of resource conservation when domestic underground coal mining technology is applied to a thick coalbed. Figure 3 illustrates percentage recovery that can be expected when beds thicker than 10 feet are mined by underground methods.

THE COAL RESERVE BASE

The demonstrated reserve base of coal potentially minable by underground methods is 131 billion tons occurring in 12 States west of the Mississippi River. This reserve base is tabulated in appendix C by State, county, coalbed, thickness, and sulfur content for bituminous and subbituminous coal and anthracite as of January 1, 1974. A summary is presented in table 5, by State and rank of coal.

TABLE 5. - Demonstrated underground reserve base of coal in the Western United States--January 1, 1974, million tons

State	Bituminous	Anthracite	Subbituminous	Total
Alaska.....	-	-	4,246.40	4,246.40
Arkansas.....	306.00	96.40	-	402.40
Colorado.....	9,226.12	27.74	4,745.29	13,999.15
Iowa.....	2,884.86	-	-	2,884.86
Missouri.....	6,073.64	-	-	6,073.64
Montana.....	1,384.02	-	64,450.25	65,834.27
New Mexico.....	1,527.20	2.30	607.00	2,136.50
Oklahoma.....	860.13	-	-	860.13
Oregon.....	-	-	1.03	1.03
Utah.....	3,780.46	-	-	3,780.46
Washington.....	251.19	-	1,194.64	1,445.83
Wyoming.....	4,524.03	-	24,966.69	29,490.72
Total.....	30,817.65	126.44	100,211.30	131,155.39

Extreme caution must be exercised in any attempt to translate the underground reserve base into a recoverable reserve figure. The previous section on constraints illustrates some of the problems that may be encountered in underground mining in the Western United States that would inhibit the safe and efficient extraction of coal.

Because of data gaps and inadequacies, it would be very difficult, if not impossible, to accurately quantify the coal unavailable due to multiple

beds, thick beds, subsidence constraints, and other factors. However, the previous identification of approximately 45.7 billion tons of subbituminous coal in beds greater than 10 feet thick indicates the magnitude of the problem.

In addition, only a portion of that coal available for underground mining will be recovered. Lowrie (28) presented an overall average for underground recovery of coal in the United States of about 57 percent of the coal in place by room-an-pillar methods. This percentage varies considerably owing to local conditions. If geologic conditions were conducive to the application of long-wall mining, a higher percentage of the coal could be recovered.

In summation, there is simply not as much coal actually available to the consumer as the underground reserve base may imply.

BIBLIOGRAPHY

1. Abernathy, G. E., J. M. Jewett, and W. H. Shoewe. Coal Reserves in Kansas. State Geol. Survey of Kansas, Bull. 70, pt. 1, 1947, 22 pp.
2. Averitt, P. Coal Resources of the United States, January 1, 1967. U.S. Geol. Survey Bull. 1275, 1969, 116 pp.
3. Averitt, P., and R. B. O'Sullivan. Section on Coal in Mineral and Water Resources of Arizona. Committee Print, Senate Committee on Interior and Insular Affairs, 1969, pp. 59-91.
4. Barnes, F. F. Coal Resources of Alaska. U.S. Geol. Survey Bull. 1242-B, 1967, 28 pp.
5. Barnes, H. Geology of the Ignacio Area, Ignacio and Pagosa Springs Quadrangles, LaPlata and Archuleta Counties, Colorado. U.S. Geol. Survey Oil and Gas Inv. Map OM 138, 1953.
6. Barnes, H., E. H. Baltz, and P. T. Hayes. Geology and Fuel Resources of the Red Mesa Area, LaPlata and Montezuma Counties, Colorado. U.S. Geol. Survey Oil and Gas Inv. Map OM 149, 1954.
7. Beikman, H. M., H. D. Gower, and T. A. M. Dana. Coal Reserves of Washington. Wash. Div. Mines and Geol. Bull. 47, 1961, 113 pp.
8. Berryhill, H. L., D. M. Brown, A. Brown, and D. A. Taylor. Coal Resources of Wyoming. U.S. Geol. Survey Circ. 81, 1950, 78 pp.
9. Brant, R. A. Lignite Resources of North Dakota. U.S. Geol. Survey Circ. 226, 1953, 78 pp.
10. Brown, D. M. Lignite Resources of South Dakota. U.S. Geol. Survey Circ. 159, 1952, 18 pp.
11. Cassidy, S. M. (ed.). Elements of Practical Coal Mining. Soc. Min. Eng., American Institute of Mining, Metallurgical, and Petroleum Engineers, New York, 1973, 613 pp.
12. Combo, J. X., D. M. Brown, H. F. Pulver, and D. A. Taylor. Coal Resources of Montana. U.S. Geol. Survey Circ. 53, 1949, 28 pp.
13. Doelling, H. H. Southwestern Utah Coal Fields. Utah Geol. and Miner. Survey Monograph Ser. 1, 1972, 333 pp.
14. _____. Central Utah Coal Fields. Utah Geol. and Miner. Survey Monograph Ser. 3, 1972, 571 pp.
15. Doelling, H. H., and R. L. Graham. Eastern and Northern Utah Coal Fields. Utah Geol. and Miner. Survey Monograph Ser. 2, 1972, 409 pp.

16. Duncan, D. C. Geology and Coal Deposits in part of the Coos Bay Coal Field, Oregon. U.S. Geol. Survey Bull. 982-B, 1953, pp. 53-73.
17. Fisher, W. L. Lignites of the Texas Gulf Coastal Plain. Texas Bu. Econ. Geol. RI 50, 1963, 164 pp.
18. Glass, G. B. Midyear Review of Wyoming Coal Fields. Geol. Survey of Wyo., 1972, 43 pp.
19. Haley, B. R. Coal Resources of Arkansas. U.S. Geol. Survey Bull. 1072-P, 1954, pp. 795-831.
20. Harbour, R. L., and G. H. Dixon. Coal Resources of Trinidad-Aguilar Area, Las Animas and Huerfano Counties, Colorado. U.S. Geol. Survey Bull. 1072-G, 1959, pp. 445-489.
21. Hendricks, T. A. (The Coal Fields of) Nevada. Ch. in Analyses of Arizona, California, Idaho, Nevada, and Oregon Coals. BuMines Tech. Paper 696, 1947, p. 9.
22. Johnson, R. B. Geology and Coal Resources of the Walsenburg Area, Huerfano County, Colorado. U.S. Geol. Survey Bull. 1042-O, 1958, pp. 557-583.
23. Johnson, R. B., and J. G. Stevens. Coal Resources of the LaVeta Area, Huerfano County, Colorado. U.S. Geol. Survey Coal Inv. Map C 20, 1954.
24. Karp, S. E. California Coal. Compass of Sigma Gamma Epsilon, v. 26, 1949, pp. 341-344.
25. Killsgaard, T. H. The Geology and Coal of the Horseshoe Creek District, Teton County, Idaho. Idaho Bu. Mines and Geol. Pamphlet 92, 1951, 42 pp.
26. Landis, E. R. Coal Resources of Iowa. Iowa Geol. Survey Tech. Paper 4, 1965, 141 pp.
27. Landis, E. R., and G. C. Cone. Coal Resources of Colorado Tabulated by Bed. U.S. Geol. Survey Open File Rept., 1971, 512 pp.
28. Lowrie, R. L. Recovery Percentages of Bituminous Coal Deposits in the United States (in Two Parts). Part 1. Underground Mines. BuMines RI 7109, 1965, 19 pp.
29. Mapel, W. J. Geology and Coal Resources of the Buffalo-Lake De Smet Area, Johnson and Sheridan Counties, Wyoming. U.S. Geol. Survey Bull. 1078, 1959, 148 pp.
30. _____. Bituminous Coal Resources of Texas. U.S. Geol. Survey Bull. 1242-D, 1967, 28 pp.

31. Mason, R. S., and M. I. Erwin. Coal Resources of Oregon. U.S. Geol. Survey Circ. 362, 1955, 7 pp.
32. Matson, R. E., and J. W. Blumer. Quality and Reserves of Strippable Coal in Southeastern Montana. Mont. Bu. Mines and Geol. Bull. 91, 1973, 135 pp.
33. Olive, W. W. The Spotted Horse Coalfield, Sheridan and Campbell Counties, Wyoming. U.S. Geol. Survey Bull. 1050, 1957, 83 pp.
34. Parr, S. W. The Classification of Coal. Eng. Exp. Sta., Univ. Ill. Bull. 180, 1928, 62 pp.
35. Peirce, H. W., S. B. Keith, and J. C. Wilt. Coal, Oil, Natural Gas, Helium, and Uranium in Arizona. Ariz. BuMines Bull. 182, 1970, pp. 11-41.
36. Read, C. B., R. T. Duffner, G. H. Wood, and A. D. Zapp. Coal Resources of New Mexico. U.S. Geol. Survey Circ. 89, 1950, 24 pp.
37. Robertson, C. E. Availability and Classification of Missouri Coals. Missouri Geol. Survey and Water Res. RI 48, 1971, 55 pp.
38. Shoemaker, J. W., E. C. Beaumont, and F. E. Kottowski. Strippable Low-Sulfur Coal Resources of the San Juan Basin in New Mexico and Colorado. N. Mex. Bur Mines and Miner. Res. Memoir 25, 1971, 189 pp.
39. Trumbell, J. V. A. Coal Resources of Oklahoma. U.S. Geol. Survey Bull. 1042-J, 1957, pp. 307-381.
40. U.S. Bureau of Mines. The Reserve Base of Bituminous Coal and Anthracite for Underground Mining in the Eastern United States. BuMines IC 8655, 1974, 428 pp.
41. U.S. Bureau of Mines. Strippable Reserves of Bituminous Coal and Lignite in the United States. BuMines IC 8531, 1971, 148 pp.
42. Wood, G. H., Jr., R. B. Johnson, and G. H. Dixon. Geology and Coal Resources of the Gulnare, Cuchara Pass, and Stonewall Area. Huerfano and Las Animas Counties, Colorado. U.S. Geol. Survey Coal Inv. Map C 26, 1956.
43. _____. Geology and Coal Resources of the Starkville-Weston Area, Las Animas County, Colorado. U.S. Geol. Survey Bull. 1051, 1957, 68 pp.
44. Wood, G. H., Jr., R. B. Johnson, D. H. Eargle, R. T. Duffner, and H. Major. Geology and Coal Resources of the Stonewall-Tercio Area, Las Animas County, Colorado. U.S. Geol. Survey Coal Inv. Map C 4, 1951.

45. Woodruff, S. Methods of Working Coal and Metal Mines. Pergamon Press, Oxford, New York, v. 2, 1966, 436 pp.
46. _____. Methods of Working Coal and Metal Mines. Pergamon Press, Oxford, New York, v. 3, 1966, 571 pp.
47. Zapp, A. D. Geology and Coal Resources of the Durango Area, LaPlata and Montezuma Counties, Colorado. U.S. Geol. Survey Oil and Gas Inv. (Prelim.) Map 109, 1949.

DISCUSSION OF APPENDIXES

Appendix A is a glossary of coal resource and reserve terms developed through joint agreement between the U.S. Bureau of Mines and the U.S. Geological Survey.

Appendix B is a list of definitions of terms as used in this report.

Detailed reserve base data are included in appendix C, tables C-1, C-2, and C-3. Data presentation is by State, county, coalbed, and coalbed thickness, with tonnages prorated by sulfur content. The sulfur analyses assigned to the reserve base are on a dry basis.

Analytical data are presented in appendix D by State, county, and coalbed for moisture, ash, sulfur, and Btu content. Moisture, ash, and sulfur are expressed in weight-percent. The analyses are on as-received, dry, and moisture-and-ash-free bases, where appropriate. The analyses in appendix D cover all those States west of the Mississippi River for which analytical work has been performed.

Appendix E is a listing of code numbers used to identify the various coalbeds. These code numbers and corresponding coalbed names may be used to identify beds in appendixes C and D. Because of the sheer number of coalbeds listed in MERITS, there are two separate numbering systems in the United States; one system covers the eastern and midwestern coalbeds, and the other system covers the western coalbeds and Alaska. Therefore, similarity of code numbers in Arkansas, Iowa, Kansas, Missouri, and Oklahoma with those States farther west does not infer coalbed correlations. Some bed correlation does exist, however, within coal regions common to two or more States.

APPENDIX A.--GLOSSARY OF COAL RESOURCE TERMS

This method of classification conforms with the provisions of the Joint Bureau of Mines-Geological Survey Resource Classification Agreement of November 21, 1973, covering all mineral resources, and will be used in future resource/reserve studies on coal conducted by agencies of the U.S. Department of the Interior.

Within this classification system, the term "coal resource" designates the estimated quantity of coal in the ground in such form that economic extraction is currently or potentially feasible. The "coal reserve" is the relatively small part of the resource for which both quality and quantity have been reasonably determined and which is deemed to be minable at a profit under existing market conditions.

This system employs a concept by which coalbeds are classified in terms of their degree of geologic identification and economic or technologic feasibility of recovery.

Resource.--A concentration of coal in or on the earth's crust in such form that economic extraction is currently or potentially feasible.

Identified resources.--Specific bodies of coal whose location, quality and quantity are known from geologic evidence supported by engineering measurements with respect to the demonstrated category.

Undiscovered resources.--Unspecified bodies of coal surmised to exist on the basis of broad geologic knowledge and theory.

Reserve.--That portion of the identified coal resource that can be economically and legally mined at the time of determination--also referred to as "recoverable reserve."

Reserve base.--The component of the identified coal resource from which the reserve is derived by recoverability calculations.

The following definitions for measured, indicated, and inferred are applicable to both the Reserve and Identified-Subeconomic resource components.

Measured.--Coal for which estimates of the quality and quantity have been computed, within a margin of error of less than 20 percent; from sample analyses and measurements from closely spaced and geologically well-known sample sites.

Indicated.--Coal for which estimates of the quality and quantity have been computed partly from sample analyses and measurements and partly from reasonable geologic projections.

Inferred.--Coal in unexplored extensions of "demonstrated" resources for which estimates of the quality and size are based on geologic evidence and projection.

Identified-subeconomic resources.--Coalbeds that are not "reserves," but may become so as a result of changes in economic and legal conditions.

Paramarginal.--The portion of "subeconomic resources" that (1) borders on being economically producible, or (2) is not commercially available solely because of legal or political circumstances.

Submarginal.--The portion of "subeconomic resources" that would require a substantially higher price (more than 1.5 times the price at the time of determination) or a major cost reducing advance in technology.

Hypothetical resources.--Undiscovered coal that may reasonably be expected to exist in a known mining district under known geologic conditions. Exploration that confirms their existence and reveals quantity and quality will permit their reclassification as a "reserve" or "identified-subeconomic resource."

Speculative resources.--Undiscovered coal that may occur either in known types of deposits in a favorable geologic setting where no discoveries have been made, or in as yet unknown types of deposits that remain to be recognized. Exploration that confirms their existence and reveals quantity and quality will permit their reclassification as "reserves" or "identified-subeconomic resources."

APPENDIX B.--DEFINITIONS

1. Depletion.--The tonnage of coal mined plus the coal lost as a result of mining operations.
2. Anthracite.--A hard, black, lustrous coal having 92 percent or more, but less than 98 percent, fixed carbon, and 8 percent or less, but more than 2 percent, volatile matter, on a dry, mineral-matter-free basis.
3. Semianthracite.--A coal intermediate between anthracite and bituminous coal. It is nonagglomerating and contains 86 percent or more, but less than 92 percent, fixed carbon, and 14 percent or less, but more than 8 percent, volatile matter, on a dry, mineral-matter-free basis.
4. Bituminous coal.--A solid, brittle coal relatively high in gaseous constituents and having 69 percent or more, but less than 86 percent, fixed carbon, and 31 percent or less, but more than 14 percent, volatile matter, on a dry, mineral-matter-free basis. The calorific value ranges from 10,500 to over 14,000 Btu per pound on a moist,¹ mineral-matter-free basis.
5. Subbituminous coal.--Coal of a rank greater than lignite but less than bituminous coal and distinguished from lignite by its black color and its lack of distinctly woody structure and texture, and from bituminous coal by its loss of moisture and slacking when exposed to weathering. Fixed carbon is less than 69 percent and volatile matter is more than 31 percent on a dry, mineral-matter-free basis.
6. As received.--Analytical results of tests on the analyzed sample calculated to the "as-received in the laboratory" or "as-sampled" basis.
7. Dry basis.--Analytical results of tests on the analyzed sample calculated to a "moisture-free" basis.
8. Mineral-matter-free basis.--Coal minus the inorganic material. The mineral matter in coal cannot be analytically determined. This condition must be calculated according to the Parr formula (34).
9. Rank.--Rank is the classification of coals in a sequence ranging from lignite through anthracite, and depends on chemical and physical properties.

¹Moist refers to coal containing its natural inherent moisture but not including visible water on the surface of the coal.

APPENDIX C.--UNDERGROUND COAL-RESERVE BASE

050 ARKANSAS

TABLE C-1 ... UNDERGROUND BITUMINOUS COAL RESERVE BASE BY STATE, COUNTY, BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974
MILLION SHORT TONS

COUNTY: 033 CRAWFORD

THICKNESS	BED	RESERVES BY SULFUR RANGE, PERCENT											TOTAL	NO. OF ANAL	AVG S %	
		< .4	.5-.6	.7-.8	.9-1.0	1.1-1.4	1.5-1.8	1.9-2.2	2.3-2.6	2.7-3.0	> 3.0	UNKNOWN				
28-42	563	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	7.90	7.90		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	11.20	11.20		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	19.10	19.10		

COUNTY: TOTAL

28-42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	7.90	7.90		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	11.20	11.20		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	19.10	19.10		

COUNTY: 047 FRANKLIN

28-42	563	.00	.12	.20	.31	1.06	1.59	1.50	.89	.40	.00	.00	6.10	28	1.7
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		.00	.12	.20	.31	1.06	1.59	1.50	.89	.40	.00	.00	6.10		

COUNTY: TOTAL

28-42		.00	.12	.20	.31	1.06	1.59	1.50	.89	.40	.00	.00	6.10	28	
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		.00	.12	.20	.31	1.06	1.59	1.50	.89	.40	.00	.00	6.10		

COUNTY: 127 SCOTT

28-42	563	.00	.11	.23	.42	1.28	.86	.17	.00	.00	.00	.00	3.10	17	1.2
> 42		.00	.35	.71	1.27	3.91	2.62	.52	.00	.00	.00	.00	9.40		
TOTAL		.00	.46	.94	1.69	5.19	3.48	.69	.00	.00	.00	.00	12.50		

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)
(INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

050 ARKANSAS

TABLE C-1 ... UNDERGROUND BITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,
 BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974
 MILLION SHORT TONS

COUNTY: 127 SCOTT

THICK- NESS	BED	RESERVES BY SULFUR RANGE, PERCENT										TOTAL	NO. OF ANAL	AVG S %	
		≤ .4	.5-.6	.7-.8	.9-1.0	1.1-1.4	1.5-1.8	1.9-2.2	2.3-2.6	2.7-3.0	> 3.0				UNKNOWN
COUNTY: TOTAL															
28-42		.00	.11	.23	.42	1.28	.86	.17	.00	.00	.00	.00	3.10	17	
> 42		.00	.35	.71	1.27	3.91	2.62	.52	.00	.00	.00	.00	9.40		
TOTAL		.00	.46	.94	1.69	5.19	3.48	.69	.00	.00	.00	.00	12.50		

COUNTY: 131 SEBASTIAN

28-42	563	.00	.00	6.78	9.08	24.95	30.23	26.98	18.17	10.03	9.08	.00	135.60	116	1.4
> 42		.00	.00	6.63	8.89	24.41	29.59	26.40	17.78	9.81	8.89	.00	132.70		
TOTAL		.00	.00	13.41	17.97	49.36	59.82	53.38	35.95	19.84	17.97	.00	268.30		

COUNTY: TOTAL

28-42		.00	.00	6.78	9.08	24.95	30.23	26.98	18.17	10.03	9.08	.00	135.60	116	
> 42		.00	.00	6.63	8.89	24.41	29.59	26.40	17.78	9.81	8.89	.00	132.70		
TOTAL		.00	.00	13.41	17.97	49.36	59.82	53.38	35.95	19.84	17.97	.00	268.30		

STATE TOTAL

28-42		.00	.23	7.21	9.51	27.29	32.63	28.55	19.06	10.43	9.08	7.90	152.70	161	
> 42		.00	.35	7.34	10.16	24.32	32.21	26.92	17.78	9.81	8.89	11.20	153.30		
TOTAL		.00	.58	14.55	19.67	51.61	64.84	55.47	36.84	20.24	17.97	19.10	306.00		

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)
 (INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

080 COLORADO

TABLE C-1 ... UNDERGROUND BITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,
 THICKNESS AND SULFUR RANGE - JANUARY 1, 1974
 MILLION SHORT TONS

COUNTY: 007 ARCHULETA

THICKNESS	RFD	RESERVES BY SULFUR RANGE, PERCENT										TOTAL	NO. OF ANAL	AVG S %	
		≤ .4	.5-.6	.7-.8	.9-1.0	1.1-1.4	1.5-1.8	1.9-2.2	2.3-2.6	2.7-3.0	> 3.0				UNKNOWN
28-42	799	1.90	5.20	6.45	3.15	.91	.00	.00	.00	.00	.00	.00	17.63	20	.7
> 42		8.04	21.96	27.25	13.33	3.87	.00	.00	.00	.00	.00	.00	74.47		
TOTAL		9.94	27.16	33.70	16.48	4.78	.00	.00	.00	.00	.00	.00	92.10		

COUNTY: TOTAL

28-42		1.90	5.20	6.45	3.15	.91	.00	.00	.00	.00	.00	.00	17.63	20	
> 42		8.04	21.96	27.25	13.33	3.87	.00	.00	.00	.00	.00	.00	74.47		
TOTAL		9.94	27.16	33.70	16.48	4.78	.00	.00	.00	.00	.00	.00	92.10		

COUNTY: 029 DELTA

28-42	704	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	6.88	6.88		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	6.88	6.88		
28-42	753	2.40	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	2.40	1	.4
> 42		44.16	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	44.16		
TOTAL		46.56	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	46.56		
28-42	754	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	19	.6
> 42		.00	12.36	.00	.00	.00	.00	.00	.00	.00	.00	.00	12.36		
TOTAL		.00	12.36	.00	.00	.00	.00	.00	.00	.00	.00	.00	12.36		

COUNTY: TOTAL

28-42		2.40	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	2.40	20	
> 42		44.16	12.36	.00	.00	.00	.00	.00	.00	.00	.00	6.88	63.40		
TOTAL		46.56	12.36	.00	.00	.00	.00	.00	.00	.00	.00	6.88	65.80		

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)
 (INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

080 COLORADO

TABLE C-1 ... UNDERGROUND BITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,
 BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974
 MILLION SHORT TONS

COUNTY: 043 FREMONT

THICKNESS	BED	RESERVES BY SULFUR RANGE, PERCENT										UNKNOWN	TOTAL	NO. OF ANAL	AVG S %	
		≤ .4	.5-.6	.7-.8	.9-1.0	1.1-1.4	1.5-1.8	1.9-2.2	2.3-2.6	2.7-3.0	> 3.0					
28-42	189	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	22.60	22.60		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	22.60	22.60		
28-42	712	.00	1.24	2.72	1.45	.00	.00	.00	.00	.00	.00	.00	.00	5.43	19	.7
> 42		.00	2.24	4.90	2.61	.00	.00	.00	.00	.00	.00	.00	.00	9.77		
TOTAL		.00	3.48	7.62	4.06	.00	.00	.00	.00	.00	.00	.00	.00	15.20		
28-42	732	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	26	.9
> 42		.45	.85	1.28	1.41	1.76	.48	.00	.00	.00	.00	.00	.00	6.27		
TOTAL		.45	.85	1.28	1.41	1.76	.48	.00	.00	.00	.00	.00	.00	6.27		
28-42	744	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	23	.8
> 42		.00	6.51	10.96	11.92	12.23	2.33	.00	.00	.00	.00	.00	.00	44.02		
TOTAL		.00	6.51	10.96	11.92	12.23	2.33	.00	.00	.00	.00	.00	.00	44.02		
28-42	749	.00	22.89	10.67	.00	.00	.00	.00	.00	.00	.00	.00	.00	33.57	4	.6
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		.00	22.89	10.67	.00	.00	.00	.00	.00	.00	.00	.00	.00	33.57		
28-42	758	9.19	9.56	2.03	.00	.00	.00	.00	.00	.00	.00	.00	.00	20.80	445	.5
> 42		7.81	8.12	1.73	.00	.00	.00	.00	.00	.00	.00	.00	.00	17.67		
TOTAL		17.00	17.68	3.76	.00	.00	.00	.00	.00	.00	.00	.00	.00	38.47		
28-42	767	.00	.00	.00	.00	7.65	12.53	.00	.00	.00	.00	.00	.00	20.19	9	1.5
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		.00	.00	.00	.00	7.65	12.53	.00	.00	.00	.00	.00	.00	20.19		
COUNTY:	TOTAL															
28-42		9.19	33.69	15.42	1.45	7.65	12.53	.00	.00	.00	.00	.00	.00	79.99	526	
> 42		8.25	17.72	18.87	15.94	13.99	2.81	.00	.00	.00	.00	.00	22.60	100.33		
TOTAL		17.45	51.41	34.29	17.39	21.64	15.34	.00	.00	.00	.00	.00	22.60	180.32		

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)
 (INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

080 COLORADO

TABLE C-1 ... UNDERGROUND BITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,
 RFD, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974
 MILLION SHORT TONS

COUNTY: 045 GARFIELD

THICK NESS	RFD	RESERVES BY SULFUR RANGE, PERCENT											TOTAL	NO.OF ANAL	AVG S %	
		≤ .4	.5-.6	.7-.8	.9-1.0	1.1-1.4	1.5-1.8	1.9-2.2	2.3-2.6	2.7-3.0	> 3.0	UNKNOWN				
28-42	001	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	5.09	5.09	
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	5.09	5.09	
28-42	063	9.94	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	9.98	4	.4
> 42		13.11	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	13.11		
TOTAL		23.09	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	23.09		
28-42	066	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	7.47	7.47		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	7.47	7.47		
28-42	067	.00	.63	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.63	1	.6
> 42		.00	38.04	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	38.04		
TOTAL		.00	38.67	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	38.67		
28-42	068	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	33.59	33.59		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	12.27	12.27		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	45.86	45.86		
28-42	069	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	11.91	11.91		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	30.40	30.40		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	42.31	42.31		
28-42	070	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	7.15	7.15		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	9.28	9.28		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	16.43	16.43		
28-42	704	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	6	1.0
> 42		.00	.00	1.42	1.88	4.00	2.45	.94	.19	.00	.00	.00	.00	10.90		
TOTAL		.00	.00	1.42	1.88	4.00	2.45	.94	.19	.00	.00	.00	.00	10.90		
28-42	715	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	17	.6
> 42		10.38	33.73	8.34	.00	.00	.00	.00	.00	.00	.00	.00	.00	52.47		
TOTAL		10.38	33.73	8.34	.00	.00	.00	.00	.00	.00	.00	.00	.00	52.47		

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)
 (INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

080 COLORADO

TABLE C-1 ... UNDERGROUND BITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,
 BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974
 MILLION SHORT TONS

COUNTY: 045 GARFIELD

THICK NESS	BED	RESERVES BY SULFUR RANGE, PERCENT										UNKNOWN	TOTAL	NO. OF ANAL	AVG S %	
		≤ .4	.5-.6	.7-.8	.9-1.0	1.1-1.4	1.5-1.8	1.9-2.2	2.3-2.6	2.7-3.0	> 3.0					
28-42	718	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	5	.5
> 42		.00	10.52	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	10.52		
TOTAL		.00	10.52	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	10.52		
28-42	727	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	26.29	26.29		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	8.71	8.71		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	35.00	35.00		
28-42	753	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1	.9
> 42		.00	.00	.00	11.63	.00	.00	.00	.00	.00	.00	.00	.00	11.63		
TOTAL		.00	.00	.00	11.63	.00	.00	.00	.00	.00	.00	.00	.00	11.63		
28-42	754	.00	.00	1.02	1.84	1.02	.00	.00	.00	.00	.00	.00	.00	3.90	3	1.0
> 42		.00	.00	3.59	6.48	3.59	.00	.00	.00	.00	.00	.00	.00	13.68		
TOTAL		.00	.00	4.61	8.32	4.61	.00	.00	.00	.00	.00	.00	.00	17.58		
28-42	755	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	7	.7
> 42		.00	5.21	7.52	3.67	.00	.00	.00	.00	.00	.00	.00	.00	16.40		
TOTAL		.00	5.21	7.52	3.67	.00	.00	.00	.00	.00	.00	.00	.00	16.40		
28-42	756	.00	1.18	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.18	1	.5
> 42		.00	15.37	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	15.37		
TOTAL		.00	16.55	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	16.55		
28-42	757	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	4.28	4.28		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	11.30	11.30		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	15.58	15.58		
28-42	759	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	25	.6
> 42		4.49	15.94	8.76	.00	.00	.00	.00	.00	.00	.00	.00	.00	29.20		
TOTAL		4.49	15.94	8.76	.00	.00	.00	.00	.00	.00	.00	.00	.00	29.20		
28-42	770	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	32.18	32.18		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	124.51	124.51		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	156.69	156.69		

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)
 (INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

080 COLORADO

TABLE C-1 ... UNDERGROUND BITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,
 BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974
 MILLION SHORT TONS

COUNTY: 045 GARFIELD

THICK NESS	BED	RESERVES BY SULFUR RANGE, PERCENT											UNKNOWN	TOTAL	NO.OF ANAL	AVG S %
		≤ .4	.5-.6	.7-.8	.9-1.0	1.1-1.4	1.5-1.8	1.9-2.2	2.3-2.6	2.7-3.0	> 3.0					
28-42	799	.08	.12	.16	.20	.42	.30	.15	.06	.01	.00	.00	.00	1.55	188	1.1
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		.08	.12	.16	.20	.42	.30	.15	.06	.01	.00	.00	.00	1.55		

COUNTY: TOTAL

28-42		10.06	1.93	1.18	2.04	1.44	.30	.15	.06	.01	.00	115.40	132.64	258	
> 42		27.98	118.81	29.63	23.66	7.59	2.45	.94	.19	.00	.00	209.03	420.35		
TOTAL		38.04	120.74	30.81	25.70	9.03	2.75	1.09	.25	.01	.00	324.43	552.99		

COUNTY: 051 GUNNISON

28-42	051	.95	1.97	1.97	.95	.00	.00	.00	.00	.00	.00	.00	5.85	2	.7
> 42		2.95	6.10	6.10	2.95	.00	.00	.00	.00	.00	.00	.00	18.12		
TOTAL		3.90	8.07	8.07	3.90	.00	.00	.00	.00	.00	.00	.00	23.97		
28-42	052	.21	.33	.45	.53	.90	.42	.14	.00	.00	.00	.00	3.00	7	.9
> 42		3.04	4.78	6.61	7.69	13.09	6.21	2.08	.00	.00	.00	.00	43.49		
TOTAL		3.25	5.11	7.06	8.22	13.99	6.63	2.22	.00	.00	.00	.00	46.49		
28-42	053	2.20	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	2.20	2	.4
> 42		5.48	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	5.48		
TOTAL		7.68	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	7.68		
28-42	054	2.58	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	2.58	1	.4
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		2.58	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	2.58		
28-42	055	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1	1.1
> 42		.00	.00	.00	.00	6.48	.00	.00	.00	.00	.00	.00	6.48		
TOTAL		.00	.00	.00	.00	6.48	.00	.00	.00	.00	.00	.00	6.48		

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)
 (INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

080 COLORADO

TABLE C-1 ... UNDERGROUND BITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,
 BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974
 MILLION SHORT TONS

COUNTY: 051 GUNNISON

THICK NESS	BED	RESERVES BY SULFUR RANGE, PERCENT										UNKNOWN	TOTAL	NO.OF ANAL	AVG S %	
		≤ .4	.5-.6	.7-.8	.9-1.0	1.1-1.4	1.5-1.8	1.9-2.2	2.3-2.6	2.7-3.0	> 3.0					
28-42	056	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1	.7
> 42		.00	.00	18.13	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		.00	.00	18.13	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
28-42	058	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	14.60	.00		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	14.60	.00		
28-42	060	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.02		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.02		
28-42	065	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.02		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.02		
28-42	704	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	27.34	.02		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	2.79	.00		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	30.13	.02		
28-42	753	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	33	.5
> 42		97.56	110.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		97.56	110.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
28-42	754	1.07	3.10	.64	.05	.00	.00	.00	.00	.00	.00	.00	.00	.00	127	.5
> 42		21.64	62.42	12.95	1.07	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		22.76	65.52	13.59	1.12	.00	.00	.00	.00	.00	.00	.00	.00	.00		
28-42	755	.11	.82	.09	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	40	.5
> 42		3.38	25.44	2.78	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		3.49	26.26	2.87	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
28-42	756	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	87	.5
> 42		12.22	27.51	8.06	1.02	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		12.22	27.51	8.06	1.02	.00	.00	.00	.00	.00	.00	.00	.00	.00		

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)
 (INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

080 COLORADO

TABLE C-1 ... UNDERGROUND BITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,
BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974
MILLION SHORT TONS

COUNTY: 051 GUNNISON

THICK NESS	RED	RESERVES BY SULFUR RANGE, PERCENT										UNKNOWN	TOTAL	NO.OF ANAL	AVG S %	
		≤ .4	.5-.6	.7-.8	.9-1.0	1.1-1.4	1.5-1.8	1.9-2.2	2.3-2.6	2.7-3.0	> 3.0					
28-42	757	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	49.90	49.90	
28-42	799	1.12	2.78	1.80	.44	.09	.00	.00	.00	.00	.00	.00	.00	.00	6.26	86
> 42		4.84	11.97	7.75	1.91	.40	.00	.00	.00	.00	.00	.00	.00	.00	26.91	.6
TOTAL		5.96	14.75	9.55	2.35	.49	.00	.00	.00	.00	.00	.00	.00	.00	33.17	
28-42	972	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	54.47	54.47	
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	54.47	54.47	
28-42	975	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.11	.11	
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	16.68	16.68	
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	16.79	16.79	

COUNTY: TOTAL

28-42	8.24	9.00	4.95	1.97	.99	.42	.14	.00	.00	.00	.00	.00	27.49	53.29	387
> 42	151.16	248.23	62.38	14.64	19.97	6.21	2.08	.00	.00	.00	.00	.00	138.44	643.28	
TOTAL	159.40	257.23	67.33	16.61	20.96	6.63	2.22	.00	.00	.00	.00	.00	165.93	696.57	

COUNTY: 055 HUERFANO

28-42	203	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.07	1.07
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.07	1.07
28-42	204	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.16	1.16
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.10	1.10
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	2.26	2.26

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)
(INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

080 COLORADO

TABLE C-1 ... UNDERGROUND BITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,
BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974
MILLION SHORT TONS

COUNTY: 055 HUERFANO

THICKNESS	BED	RESERVES BY SULFUR RANGE, PERCENT											UNKNOWN	TOTAL	NO. OF ANAL	AVG S %
		≤ .4	.5-.6	.7-.8	.9-1.0	1.1-1.4	1.5-1.8	1.9-2.2	2.3-2.6	2.7-3.0	> 3.0					
28-42	206	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.29	1.29		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.29	1.29		
28-42	207	.00	.82	.82	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.64	4	.7
> 42		.00	3.55	3.55	.00	.00	.00	.00	.00	.00	.00	.00	.00	7.10		
TOTAL		.00	4.37	4.37	.00	.00	.00	.00	.00	.00	.00	.00	.00	8.74		
28-42	208	.00	11.93	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	11.93	1	.6
> 42		.00	14.26	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	14.26		
TOTAL		.00	26.19	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	26.19		
28-42	210	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.51	.51		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.51	.51		
28-42	213	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.66	.66		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.82	.82		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.48	1.48		
28-42	214	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.83	.83		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.24	1.24		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	2.07	2.07		
28-42	215	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.60	.60		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	2.20	2.20		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	2.80	2.80		
28-42	216	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.50	.50		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	5.40	5.40		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	5.90	5.90		
28-42	217	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	7	.5
> 42		.00	2.67	.72	.00	.00	.00	.00	.00	.00	.00	.00	.00	3.40		
TOTAL		.00	2.67	.72	.00	.00	.00	.00	.00	.00	.00	.00	.00	3.40		

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)
(INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

080 COLORADO

TABLE C-1 ... UNDERGROUND BITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,
 BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974
 MILLION SHORT TONS

COUNTY: 055 HUERFANO

THICK NESS	BED	RESERVES BY SULFUR RANGE, PERCENT											TOTAL	NO.OF ANAL	AVG S %	
		≤ .4	.5-.6	.7-.8	.9-1.0	1.1-1.4	1.5-1.8	1.9-2.2	2.3-2.6	2.7-3.0	> 3.0	UNKNOWN				
28-42	218	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	9	.6
> 42		.00	9.02	7.72	1.55	.00	.00	.00	.00	.00	.00	.00	.00	18.30		
TOTAL		.00	9.02	7.72	1.55	.00	.00	.00	.00	.00	.00	.00	.00	18.30		
28-42	219	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.60	1.60		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.60	1.60		
28-42	220	.00	9.75	7.44	.00	.00	.00	.00	.00	.00	.00	.00	.00	17.20	5	.7
> 42		.00	3.61	6.58	.00	.00	.00	.00	.00	.00	.00	.00	.00	15.20		
TOTAL		.00	13.36	14.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	32.40		
28-42	221	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	9.20	9.20		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	9.20	9.20		
28-42	229	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	9.00	9.00		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	12.20	12.20		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	21.20	21.20		
28-42	230	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	17.30	17.30		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	17.30	17.30		
28-42	521	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.47	1.47		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.54	.54		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	2.01	2.01		
28-42	721	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	3.11	3.11		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.84	1.84		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	4.95	4.95		
28-42	722	.00	.25	.91	.37	.00	.00	.00	.00	.00	.00	.00	.00	1.56	21	.8
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		.00	.25	.91	.37	.00	.00	.00	.00	.00	.00	.00	.00	1.56		

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)
 (INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

080 COLORADO

TABLE C-1 ... UNDERGROUND BITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,
BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974
MILLION SHORT TONS

COUNTY: 055 HUERFANO

THICK NESS	BED	RESERVES BY SULFUR RANGE, PERCENT											TOTAL	NO. OF ANAL	AVG S %	
		≤ .4	.5-.6	.7-.8	.9-1.0	1.1-1.4	1.5-1.8	1.9-2.2	2.3-2.6	2.7-3.0	> 3.0	UNKNOWN				
28-42	724	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	3.17	3.17		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	2.38	2.38		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	5.55	5.55		
28-42	725	.00	6.35	.54	.00	.00	.00	.00	.00	.00	.00	.00	.00	6.90	23	.6
> 42		.00	0.94	.45	.00	.00	.00	.00	.00	.00	.00	.00	.00	10.80		
TOTAL		.00	16.29	1.39	.00	.00	.00	.00	.00	.00	.00	.00	.00	17.70		
28-42	730	.00	4.88	4.31	.00	.00	.00	.00	.00	.00	.00	.00	.00	11.20	9	.6
> 42		.00	5.22	3.27	.00	.00	.00	.00	.00	.00	.00	.00	.00	8.50		
TOTAL		.00	10.10	7.58	.00	.00	.00	.00	.00	.00	.00	.00	.00	19.70		
28-42	739	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.99	.99		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.99	.99		
28-42	745	.00	4.97	1.72	.00	.00	.00	.00	.00	.00	.00	.00	.00	7.70	92	.6
> 42		.00	7.06	2.03	.00	.00	.00	.00	.00	.00	.00	.00	.00	9.10		
TOTAL		.00	12.03	3.75	.00	.00	.00	.00	.00	.00	.00	.00	.00	16.80		
28-42	747	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.05	1.05		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.52	1.52		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	2.57	2.57		
28-42	763	.00	2.44	6.58	7.38	4.03	.24	.00	.00	.00	.00	.00	.00	20.70	115	.8
> 42		.00	3.07	8.29	4.31	5.08	.31	.00	.00	.00	.00	.00	.00	26.10		
TOTAL		.00	5.51	14.87	11.69	9.11	.55	.00	.00	.00	.00	.00	.00	46.80		
28-42	799	.22	.57	.91	.70	.40	.00	.00	.00	.00	.00	.00	.00	2.82	70	.8
> 42		.08	.23	.36	.22	.16	.00	.00	.00	.00	.00	.00	.00	1.13		
TOTAL		.30	.80	1.27	.92	.56	.00	.00	.00	.00	.00	.00	.00	3.95		
COUNTY:	TOTAL															
28-42		.22	41.47	23.23	4.45	4.43	.24	.00	.00	.00	.00	.00	50.84	132.49	356	
> 42		.08	63.53	33.37	11.14	5.24	.31	.00	.00	.00	.00	.00	31.91	145.80		
TOTAL		.30	105.00	56.60	15.59	9.67	.55	.00	.00	.00	.00	.00	82.75	278.29		

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)
(INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

080 COLORADO

TABLE C-1 ... UNDERGROUND BITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,
 BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974
 MILLION SHORT TONS

COUNTY: 067 LA PLATA

THICK NESS	BED	RESERVES BY SULFUR RANGE, PERCENT											TOTAL	NO.OF ANAL	AVG S %	
		≤ .4	.5-.6	.7-.8	.9-1.0	1.1-1.4	1.5-1.8	1.9-2.2	2.3-2.6	2.7-3.0	> 3.0	UNKNOWN				
28-42	232	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1	.6
> 42		.00	22.54	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		.00	22.54	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
28-42	799	.38	.43	.48	.52	1.14	1.16	1.06	.86	.66	1.25	.00	7.97	270	1.6	
> 42		13.94	15.74	17.78	19.24	41.98	42.56	38.77	31.77	24.19	46.06	.00	291.55			
TOTAL		14.37	16.17	18.26	19.76	43.12	43.72	39.83	32.63	24.85	47.31	.00	299.52			

COUNTY: TOTAL

28-42		.38	.43	.48	.52	1.14	1.16	1.06	.86	.66	1.25	.00	7.97	271	
> 42		13.94	15.74	17.78	19.24	41.98	42.56	38.77	31.77	24.19	46.06	.00	314.09		
TOTAL		14.37	16.17	18.26	19.76	43.12	43.72	39.83	32.63	24.85	47.31	.00	322.06		

COUNTY: 071 LAS ANIMAS

28-42	190	.00	.00	.00	5.60	.00	.00	.00	.00	.00	.00	.00	5.60	1	.9
> 42		.00	.00	.00	7.49	.00	.00	.00	.00	.00	.00	.00	7.49		
TOTAL		.00	.00	.00	13.09	.00	.00	.00	.00	.00	.00	.00	13.09		
28-42	191	.00	2.05	2.05	.00	.00	.00	.00	.00	.00	.00	.00	4.10	2	.7
> 42		.00	17.07	17.07	.00	.00	.00	.00	.00	.00	.00	.00	34.15		
TOTAL		.00	19.12	19.12	.00	.00	.00	.00	.00	.00	.00	.00	38.25		
28-42	192	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	7.05	7.05		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	2.65	2.65		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	9.70	9.70		
28-42	193	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.21	1.21		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.21	1.21		

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)
 (INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

080 COLORADO

TABLE C-1 ... UNDERGROUND BITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,
 HD. THICKNESS AND SULFUR RANGE - JANUARY 1, 1974
 MILLION SHORT TONS

COUNTY: 071 LAS ANIMAS

THICK NESS	RED	RESERVES BY SULFUR RANGE, PERCENT											TOTAL	NO.OF ANAL	AVG S %	
		≤ .4	.5-.6	.7-.8	.9-1.0	1.1-1.4	1.5-1.8	1.9-2.2	2.3-2.6	2.7-3.0	> 3.0	UNKNOWN				
28-42	194	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.19	.19		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.15	.15		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.34	.34		
28-42	195	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.57	.57		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.06	.06		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.63	.63		
28-42	196	.00	12.78	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	12.78	5	.5
> 42		.00	14.31	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	14.31		
TOTAL		.00	27.09	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	27.09		
28-42	197	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.13	1.13		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	14.50	14.50		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	15.63	15.63		
28-42	198	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	2.59	2.59		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	2.59	2.59		
28-42	199	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	19.40	19.40		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	4.37	4.37		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	23.77	23.77		
28-42	200	.00	.03	.06	.00	.00	.00	.00	.00	.00	.00	.00	.00	.10	4	.7
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		.00	.03	.06	.00	.00	.00	.00	.00	.00	.00	.00	.00	.10		
28-42	201	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.42	.42		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.05	.05		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.47	.47		
28-42	202	.00	2.92	5.09	1.39	.00	.00	.00	.00	.00	.00	.00	.00	9.41	9	.7
> 42		.00	3.52	6.12	1.67	.00	.00	.00	.00	.00	.00	.00	.00	11.32		
TOTAL		.00	6.44	11.21	3.06	.00	.00	.00	.00	.00	.00	.00	.00	20.73		

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)
 (INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

080 COLORADO

TABLE C-1 ... UNDERGROUND BITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,
BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974
MILLION SHORT TONS

COUNTY: 071 LAS ANIMAS

THICK NESS	BED	RESERVES BY SULFUR RANGE, PERCENT											UNKNOWN	TOTAL	NO.OF ANAL	AVG S %	
		≤ .4	.4-.6	.7-.8	.9-1.0	1.1-1.4	1.5-1.8	1.9-2.2	2.3-2.6	2.7-3.0	> 3.0						
28-42	203	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00			
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.60	1.60			
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.60	1.60			
28-42	204	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	2.29	2.29			
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	2.30	2.30			
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	4.59	4.59			
28-42	206	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	3.12	3.12			
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00			
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	3.12	3.12			
28-42	207	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	2.46	2.46			
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	10.65	10.65			
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	13.11	13.11			
28-42	208	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.15	1.15			
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	4.14	4.14			
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	5.29	5.29			
28-42	209	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	17.55	17.55			
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	7.30	7.30			
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	24.85	24.85			
28-42	210	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.77	.77			
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00			
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.77	.77			
28-42	211	.00	.00	.69	.00	.00	.00	.00	.00	.00	.00	.00	.00	.69		1	.7
> 42		.00	.00	2.54	.00	.00	.00	.00	.00	.00	.00	.00	.00	2.59			
TOTAL		.00	.00	3.23	.00	.00	.00	.00	.00	.00	.00	.00	.00	3.28			
28-42	213	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.58	1.58			
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	16.84	16.84			
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	18.42	18.42			

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)
(INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

080 COLORADO

TABLE C-1 ... UNDERGROUND BITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,
 BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974
 MILLION SHORT TONS

COUNTY: 071 LAS ANIMAS

THICK- NESS	BED	RESERVES BY SULFUR RANGE, PERCENT										UNKNOW	TOTAL	NO.OF ANAL	AVG S %	
		≤ .4	.5-.6	.7-.8	.9-1.0	1.1-1.4	1.5-1.8	1.9-2.2	2.3-2.6	2.7-3.0	> 3.0					
28-42	214	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.59	.59		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	31.09	31.09		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	31.68	31.68		
28-42	222	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.43	1.43		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.01		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.44	1.44		
28-42	223	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	8.59	8.59		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	13.67	13.67		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	22.26	22.26		
28-42	224	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	32.20	32.20		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	16.10	16.10		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	48.30	48.30		
28-42	225	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	12.71	12.71		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	12.71	12.71		
28-42	226	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.14	1.14		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	29.34	29.34		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	30.48	30.48		
28-42	227	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	2.05	2.05		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	2.05	2.05		
28-42	228	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	5.37	5.37		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	2.68	2.68		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	8.05	8.05		
28-42	513	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.44	1.44		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.44	1.44		

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)
 (INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

080 COLORADO

TABLE C-1 ... UNDERGROUND BITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,
 THICKNESS AND SULFUR RANGE - JANUARY 1, 1974
 MILLION SHORT TONS

COUNTY: 071 LAS ANIMAS

THICKNESS	REQD	RESERVES BY SULFUR RANGE, PERCENT											TOTAL	NO. OF ANAL	AVG S %	
		≤ .4	.4-.6	.7-.8	.9-1.0	1.1-1.4	1.5-1.8	1.9-2.2	2.3-2.6	2.7-3.0	> 3.0	UNKNOWN				
28-42	516	12.20	45.07	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	57.28	7	.5
> 42		1.68	6.20	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	7.89		
TOTAL		13.88	51.27	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	65.17		
28-42	521	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	2.20	2.20		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.81	.81		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	3.01	3.01		
28-42	709	.00	.00	.95	.00	.00	.00	.00	.00	.00	.00	.00	.00	.95	3	.7
> 42		.00	.00	19.53	.00	.00	.00	.00	.00	.00	.00	.00	.00	19.53		
TOTAL		.00	.00	20.48	.00	.00	.00	.00	.00	.00	.00	.00	.00	20.48		
28-42	711	.00	.61	1.40	.31	.00	.00	.00	.00	.00	.00	.00	.00	2.33	16	.7
> 42		.00	1.62	3.70	.83	.00	.00	.00	.00	.00	.00	.00	.00	6.16		
TOTAL		.00	2.23	5.10	1.14	.00	.00	.00	.00	.00	.00	.00	.00	8.49		
28-42	717	.00	.68	2.96	1.18	.00	.00	.00	.00	.00	.00	.00	.00	4.83	13	.7
> 42		.00	2.46	10.71	4.30	.00	.00	.00	.00	.00	.00	.00	.00	17.48		
TOTAL		.00	3.14	13.67	5.48	.00	.00	.00	.00	.00	.00	.00	.00	22.31		
28-42	719	.00	.00	4.03	.00	.00	.00	.00	.00	.00	.00	.00	.00	4.03	1	.7
> 42		.00	.00	.29	.00	.00	.00	.00	.00	.00	.00	.00	.00	.29		
TOTAL		.00	.00	4.32	.00	.00	.00	.00	.00	.00	.00	.00	.00	4.32		
28-42	721	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	4.66	4.66		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	2.76	2.76		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	7.42	7.42		
28-42	722	.00	2.34	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	2.34	1	.5
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		.00	2.34	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	2.34		
28-42	724	.00	2.82	1.81	.00	.00	.00	.00	.00	.00	.00	.00	.00	4.64	35	.6
> 42		.00	2.17	1.40	.00	.00	.00	.00	.00	.00	.00	.00	.00	3.58		
TOTAL		.00	4.99	3.21	.00	.00	.00	.00	.00	.00	.00	.00	.00	8.22		

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)
 (INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

080 COLORADO

TABLE C-1 ... UNDERGROUND BITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,
 BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974
 MILLION SHORT TONS

COUNTY: 071 LAS ANIMAS

THICK NESS	BED	RESERVES BY SULFUR RANGE, PERCENT										TOTAL	NO.OF ANAL	AVG S %	
		≤ .4	.5-.6	.7-.8	.9-1.0	1.1-1.4	1.5-1.8	1.9-2.2	2.3-2.6	2.7-3.0	> 3.0				UNKNOWN
28-42	729	.00	31.15	.00	.00	.00	.00	.00	.00	.00	.00	.00	31.15	7	.5
> 42		.00	42.89	.00	.00	.00	.00	.00	.00	.00	.00	.00	42.89		
TOTAL		.00	74.04	.00	.00	.00	.00	.00	.00	.00	.00	.00	74.04		
28-42	735	.00	.00	5.16	.00	.00	.00	.00	.00	.00	.00	.00	5.16	9	.8
> 42		.00	.00	7.06	.00	.00	.00	.00	.00	.00	.00	.00	7.06		
TOTAL		.00	.00	12.22	.00	.00	.00	.00	.00	.00	.00	.00	12.22		
28-42	739	.00	16.84	.00	.00	.00	.00	.00	.00	.00	.00	.00	16.84	1	.5
> 42		.00	30.54	.00	.00	.00	.00	.00	.00	.00	.00	.00	30.54		
TOTAL		.00	47.38	.00	.00	.00	.00	.00	.00	.00	.00	.00	47.38		
28-42	741	.00	3.92	1.01	.00	.00	.00	.00	.00	.00	.00	.00	4.94	22	.6
> 42		.00	20.46	5.30	.00	.00	.00	.00	.00	.00	.00	.00	25.77		
TOTAL		.00	24.38	6.31	.00	.00	.00	.00	.00	.00	.00	.00	30.71		
28-42	742	.00	1.18	1.41	.00	.00	.00	.00	.00	.00	.00	.00	2.60	67	.7
> 42		.00	4.09	4.29	.00	.00	.00	.00	.00	.00	.00	.00	8.99		
TOTAL		.00	5.27	6.30	.00	.00	.00	.00	.00	.00	.00	.00	11.59		
28-42	747	.00	.50	1.59	.00	.00	.00	.00	.00	.00	.00	.00	2.10	6	.7
> 42		.00	.54	1.74	.00	.00	.00	.00	.00	.00	.00	.00	2.29		
TOTAL		.00	1.04	3.33	.00	.00	.00	.00	.00	.00	.00	.00	4.39		
28-42	751	.75	5.30	.98	.00	.00	.00	.00	.00	.00	.00	.00	7.04	57	.6
> 42		4.04	28.87	5.36	.00	.00	.00	.00	.00	.00	.00	.00	38.29		
TOTAL		4.84	34.17	6.34	.00	.00	.00	.00	.00	.00	.00	.00	45.33		
28-42	764	.00	2.28	1.34	.00	.00	.00	.00	.00	.00	.00	.00	3.63	105	.6
> 42		.00	2.76	2.21	.00	.00	.00	.00	.00	.00	.00	.00	5.98		
TOTAL		.00	6.04	3.55	.00	.00	.00	.00	.00	.00	.00	.00	9.61		
28-42	799	3.07	12.42	12.25	2.56	.34	.00	.00	.00	.00	.00	.00	31.66	82	.6
> 42		3.51	15.36	14.02	2.43	.39	.00	.00	.00	.00	.00	.00	36.23		
TOTAL		6.58	27.78	26.27	5.49	.73	.00	.00	.00	.00	.00	.00	67.89		

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)
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080 COLORADO

TABLE C-1 ... UNDERGROUND BITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,
 BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974
 MILLION SHORT TONS

COUNTY: 071 LAS ANIMAS

THICK NESS	BED	RESERVES BY SULFUR RANGE, PERCENT										UNKNOWN	TOTAL	NO.OF ANAL	AVG S %	
		≤ .4	.5-.6	.7-.8	.9-1.0	1.1-1.4	1.5-1.8	1.9-2.2	2.3-2.6	2.7-3.0	> 3.0					
COUNTY: TOTAL																
28-42		16.02	143.89	42.78	11.04	.34	.00	.00	.00	.00	.00	133.86	348.06	454		
> 42		9.28	193.86	101.99	17.22	.39	.00	.00	.00	.00	.00	161.07	483.90			
TOTAL		25.30	337.75	144.77	28.26	.73	.00	.00	.00	.00	.00	294.93	831.96			
COUNTY: 077 MESA																
28-42	066	.00	.00	.00	.00	.41	.00	.00	.00	.00	.00	.00	.41	1	1.2	
> 42		.00	.00	.00	.00	23.83	.00	.00	.00	.00	.00	.00	23.83			
TOTAL		.00	.00	.00	.00	24.24	.00	.00	.00	.00	.00	.00	24.24			
28-42	067	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00			
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	16.33	16.33			
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	16.33	16.33			
28-42	727	.00	2.95	3.83	3.03	2.30	.36	.05	.00	.00	.00	.00	12.54	129	.8	
> 42		.00	15.99	22.03	17.42	13.25	2.08	.28	.00	.00	.00	.00	72.02			
TOTAL		.00	19.94	25.86	20.45	15.55	2.44	.33	.00	.00	.00	.00	84.56			
28-42	770	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	160	.7	
> 42		.00	41.16	49.71	11.67	1.66	.00	.00	.00	.00	.00	.00	104.22			
TOTAL		.00	41.16	49.71	11.67	1.66	.00	.00	.00	.00	.00	.00	104.22			
COUNTY: TOTAL																
28-42		.00	2.95	3.83	3.03	2.71	.36	.05	.00	.00	.00	.00	12.95	290		
> 42		.00	58.15	71.74	29.09	38.74	2.08	.28	.00	.00	.00	16.33	216.40			
TOTAL		.00	61.10	75.57	32.12	41.45	2.44	.33	.00	.00	.00	16.33	229.35			

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)
 (INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

080 COLORADO

TABLE C-1 ... UNDERGROUND BITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,
 BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974
 MILLION SHORT TONS

COUNTY: 081 MOFFAT

THICK NESS	BED	RESERVES BY SULFUR RANGE, PERCENT										UNKNOWN	TOTAL	NO.OF ANAL	AVG S %	
		≤ .4	.5-.6	.7-.8	.9-1.0	1.1-1.4	1.5-1.8	1.9-2.2	2.3-2.6	2.7-3.0	> 3.0					
28-42	075	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	165.64	165.64		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1167.56	1167.56		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1333.20	1333.20		
28-42	076	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.67	1.67		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.87	.87		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	2.54	2.54		
28-42	077	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	2.18	2.18		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	2.18	2.18		
28-42	078	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.25	1.25		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.25	1.25		
28-42	079	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.52	.52		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.52	.52		
28-42	080	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.46	.46		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.76	.76		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.22	1.22		
28-42	081	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.38	1.38		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.38	1.38		
28-42	082	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	5.39	5.39		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	5.39	5.39		
28-42	084	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	3.04	3.04		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	12.06	12.06		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	15.10	15.10		

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)
 (INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

080 COLORADO

TABLE C-1 ... UNDERGROUND BITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,
BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974
MILLION SHORT TONS

COUNTY: 081 MOFFAT

THICK NESS	BED	RESERVES BY SULFUR RANGE, PERCENT											TOTAL	NO.OF ANAL	AVG S %	
		≤ .4	.5-.6	.7-.8	.9-1.0	1.1-1.4	1.5-1.8	1.9-2.2	2.3-2.6	2.7-3.0	> 3.0	UNKNOWN				
28-42	086	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.31	.31	
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.31	.31	
28-42	087	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	8.28	8.28	
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	8.28	8.28	
28-42	088	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.60	1.60	
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.60	1.60	
28-42	089	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.72	.72	
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.72	.72	
28-42	090	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.24	.24	
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.24	.24	
28-42	093	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	14.85	14.85	
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	14.85	14.85	
28-42	095	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	3.71	3.71	
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	3.71	3.71	
28-42	096	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	2.67	2.67	
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	2.67	2.67	
28-42	098	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	2.55	2.55	
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	14.98	14.98	
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	17.53	17.53	

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)
(INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

080 COLORADO

TABLE C-1 ... UNDERGROUND BITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,
BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974
MILLION SHORT TONS

COUNTY: 081 MOFFAT

THICKNESS	BED	RESERVES BY SULFUR RANGE, PERCENT										UNKNOWN	TOTAL	NO. OF ANAL	AVG S %	
		≤ .4	.5-.6	.7-.8	.9-1.0	1.1-1.4	1.5-1.8	1.9-2.2	2.3-2.6	2.7-3.0	> 3.0					
28-42	100	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.13	1.13		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.13	1.13		
28-42	105	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.77	.77		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.77	.77		
28-42	106	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	3.65	3.65		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	3.65	3.65		
28-42	107	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	2.55	2.55		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	2.55	2.55		
28-42	108	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.66	1.66		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.66	1.66		
28-42	109	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.58	1.58		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	3.46	3.46		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	5.04	5.04		
28-42	110	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	16.52	16.52		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	16.52	16.52		
28-42	111	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.11	1.11		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.11	1.11		
28-42	113	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	4.82	4.82		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	4.82	4.82		

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)
(INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

080 COLORADO

TABLE C-1 ... UNDERGROUND BITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,
BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974
MILLION SHORT TONS

COUNTY: 081 MOFFAT

THICK NESS	BED	RESERVES BY SULFUR RANGE, PERCENT										UNKNOWN	TOTAL	NO.OF ANAL	AVG S %	
		≤ .4	.5-.6	.7-.8	.9-1.0	1.1-1.4	1.5-1.8	1.9-2.2	2.3-2.6	2.7-3.0	> 3.0					
28-42	115	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	3.06	3.06		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	3.06	3.06		
28-42	116	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	10.39	10.39		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	10.39	10.39		
28-42	117	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.72	1.72		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.72	1.72		
28-42	118	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	10.45	10.45		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	10.45	10.45		
28-42	119	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	6.63	6.63		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	6.63	6.63		
28-42	121	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.06	1.06		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.12	.12		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.18	1.18		
28-42	122	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	40.39	40.39		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	40.39	40.39		
28-42	151	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	33.52	33.52		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	33.52	33.52		
28-42	153	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.34	1.34		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	67.84	67.84		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	69.18	69.18		

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)
(INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

080 COLORADO

TABLE C-1 ... UNDERGROUND BITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,
 BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974
 MILLION SHORT TONS

COUNTY: 081 MOFFAT

THICK NESS	BED	RESERVES BY SULFUR RANGE, PERCENT										UNKNOWN	TOTAL	NO.OF ANAL	AVG S %	
		≤ .4	.5-.6	.7-.8	.9-1.0	1.1-1.4	1.5-1.8	1.9-2.2	2.3-2.6	2.7-3.0	> 3.0					
28-42	154	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	6.47	6.47		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	75.41	75.41		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	81.88	81.88		
28-42	155	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	3.70	3.70		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	6.16	6.16		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	9.86	9.86		
28-42	166	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	30.61	30.61		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	30.61	30.61		
28-42	168	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	51.15	51.15		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	51.15	51.15		
28-42	169	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.87	1.87		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.87	1.87		
28-42	170	.00	.00	19.48	.00	.00	.00	.00	.00	.00	.00	.00	.00	19.48	1	.8
> 42		.00	.00	78.05	.00	.00	.00	.00	.00	.00	.00	.00	.00	78.05		
TOTAL		.00	.00	97.53	.00	.00	.00	.00	.00	.00	.00	.00	.00	97.53		
28-42	180	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	28.41	28.41		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	37.11	37.11		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	65.52	65.52		
28-42	181	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	5.88	5.88		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	5.88	5.88		
28-42	182	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.56	.56		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.56	.56		

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)
 (INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

080 COLORADO

TABLE C-1 ... UNDERGROUND BITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,
BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974
MILLION SHORT TONS

COUNTY: 081 MOFFAT

THICK NESS	BED	RESERVES BY SULFUR RANGE, PERCENT											TOTAL	NO. OF ANAL	AVG S %	
		≤ .4	.5-.6	.7-.8	.9-1.0	1.1-1.4	1.5-1.8	1.9-2.2	2.3-2.6	2.7-3.0	> 3.0	UNKNOWN				
28-42	184	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.79	1.79		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	13.10	13.10		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	14.89	14.89		
28-42	185	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	8.55	8.55		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	8.55	8.55		

COUNTY: TOTAL

28-42		.00	.00	19.48	.00	.00	.00	.00	.00	.00	.00	.00	239.73	259.21	1	
> 42		.00	.00	78.05	.00	.00	.00	.00	.00	.00	.00	.00	1657.50	1735.55		
TOTAL		.00	.00	97.53	.00	.00	.00	.00	.00	.00	.00	.00	1897.23	1994.76		

COUNTY: 083 MONTEZUMA

28-42	799	.00	6.19	6.55	1.83	.00	.00	.00	.00	.00	.00	.00	.00	14.60	18	.7
> 42		.00	1.91	2.02	.56	.00	.00	.00	.00	.00	.00	.00	.00	4.51		
TOTAL		.00	8.10	8.57	2.39	.00	.00	.00	.00	.00	.00	.00	.00	19.11		

COUNTY: TOTAL

28-42		.00	6.19	6.55	1.83	.00	.00	.00	.00	.00	.00	.00	.00	14.60	18	
> 42		.00	1.91	2.02	.56	.00	.00	.00	.00	.00	.00	.00	.00	4.51		
TOTAL		.00	8.10	8.57	2.39	.00	.00	.00	.00	.00	.00	.00	.00	19.11		

COUNTY: 085 MONTROSE

28-42	071	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	2.36	2.36		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.18	.18		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	2.54	2.54		

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)
(INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

080 COLORADO

TABLE C-1 ... UNDERGROUND BITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,
 BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974
 MILLION SHORT TONS

COUNTY: 085 MONTROSE

THICKNESS	BED	RESERVES BY SULFUR RANGE, PERCENT											TOTAL	NO. OF ANAL	AVG S %	
		≤ .4	.5-.6	.7-.8	.9-1.0	1.1-1.4	1.5-1.8	1.9-2.2	2.3-2.6	2.7-3.0	> 3.0	UNKNOWN				
28-42	072	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	25.72	25.72	
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	25.72	25.72	
28-42	073	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	7.23	7.23		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	7.33	7.33		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	14.56	14.56		

COUNTY: TOTAL

28-42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	9.59	9.59		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	33.23	33.23		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	42.82	42.82		

COUNTY: 093 PARK

28-42	037	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.71	.71		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.71	.71		
28-42	038	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.85	.85		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.85	.85		
28-42	039	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	5.31	5.31		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	5.31	5.31		
28-42	040	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
> 42		.00	18.44	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	18.44		1
TOTAL		.00	18.44	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	18.44		.5

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)
 (INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

080 COLORADO

TABLE C-1 ... UNDERGROUND BITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,
BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974
MILLION SHORT TONS

COUNTY: 093 PARK

THICK NESS	BED	RESERVES BY SULFUR RANGE, PERCENT										UNKNOWN	TOTAL	NO.OF ANAL	AVG S %	
		≤ .4	.5-.6	.7-.8	.9-1.0	1.1-1.4	1.5-1.8	1.9-2.2	2.3-2.6	2.7-3.0	> 3.0					
COUNTY: TOTAL																
28-42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.85	.85	1	
> 42		.00	18.44	.00	.00	.00	.00	.00	.00	.00	.00	.00	6.02	24.46		
TOTAL		.00	18.44	.00	.00	.00	.00	.00	.00	.00	.00	.00	6.87	25.31		

COUNTY: 097 PITKIN

28-42	060	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.45	1.45		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.45	1.45		
28-42	064	.00	.98	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.98	1	.5
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		.00	.98	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.98		
28-42	065	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.77	.77		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.77	.77		
28-42	704	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1	1.2
> 42		.00	.00	.00	.00	12.90	.00	.00	.00	.00	.00	.00	.00	12.90		
TOTAL		.00	.00	.00	.00	12.90	.00	.00	.00	.00	.00	.00	.00	12.90		
28-42	718	.00	3.33	1.55	.00	.00	.00	.00	.00	.00	.00	.00	.00	4.89	4	.6
> 42		.00	7.87	3.67	.00	.00	.00	.00	.00	.00	.00	.00	.00	11.55		
TOTAL		.00	11.20	5.22	.00	.00	.00	.00	.00	.00	.00	.00	.00	16.44		
28-42	753	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.89	1.89		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	5.06	5.06		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	6.95	6.95		

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)
(INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

080 COLORADO

TABLE C-1 ... UNDERGROUND BITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,
 BED THICKNESS AND SULFUR RANGE - JANUARY 1, 1974
 MILLION SHORT TONS

COUNTY: 097 PITKIN

THICK NESS	BED	RESERVES BY SULFUR RANGE, PERCENT										UNKNOWN	TOTAL	NO.OF ANAL	AVG S %	
		≤ .4	.5-.6	.7-.8	.9-1.0	1.1-1.4	1.5-1.8	1.9-2.2	2.3-2.6	2.7-3.0	> 3.0					
28-42	754	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	3.44	3.44		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	5.08	5.08		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	8.52	8.52		
28-42	755	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	3.42	3.42		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	3.42	3.42		
28-42	757	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	4.12	4.12		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	4.12	4.12		
28-42	759	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	12	.5
> 42		2.76	17.30	2.76	.00	.00	.00	.00	.00	.00	.00	.00	.00	22.83		
TOTAL		2.76	17.30	2.76	.00	.00	.00	.00	.00	.00	.00	.00	.00	22.83		
28-42	799	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	4	.7
> 42		.00	2.25	2.25	.00	.00	.00	.00	.00	.00	.00	.00	.00	4.51		
TOTAL		.00	2.25	2.25	.00	.00	.00	.00	.00	.00	.00	.00	.00	4.51		
28-42	975	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1	1.1
> 42		.00	.00	.00	.00	5.71	.00	.00	.00	.00	.00	.00	.00	5.71		
TOTAL		.00	.00	.00	.00	5.71	.00	.00	.00	.00	.00	.00	.00	5.71		
COUNTY: TOTAL																
28-42		.00	4.31	1.55	.00	.00	.00	.00	.00	.00	.00	.00	11.67	17.54	23	
> 42		2.76	27.42	8.68	.00	18.61	.00	.00	.00	.00	.00	.00	13.56	71.06		
TOTAL		2.76	31.73	10.23	.00	18.61	.00	.00	.00	.00	.00	.00	25.23	88.60		
COUNTY: 103 RIO BLANCO																
28-42	063	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	6.21	6.21		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	6.21	6.21		

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)
 (INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

080 COLORADO

TABLE C-1 ... UNDERGROUND BITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,
 BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974
 MILLION SHORT TONS

COUNTY: 103 RIO BLANCO

THICK NESS	BED	RESERVES BY SULFUR RANGE, PERCENT										UNKNOWN	TOTAL	NO.OF ANAL	AVG S %	
		≤ .4	.5-.6	.7-.8	.9-1.0	1.1-1.4	1.5-1.8	1.9-2.2	2.3-2.6	2.7-3.0	> 3.0					
28-42	076	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	2.18	2.18		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	2.18	2.18		
28-42	077	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	53.33	53.33		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	53.33	53.33		
28-42	078	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	13.20	13.20		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	13.20	13.20		
28-42	079	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.69	1.69		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.69	1.69		
28-42	081	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	2.19	2.19		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	2.19	2.19		
28-42	082	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	16.91	16.91		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	16.91	16.91		
28-42	083	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	3.06	3.06		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	34.18	34.18		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	37.24	37.24		
28-42	084	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	2.61	2.61		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.70	1.70		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	4.31	4.31		
28-42	085	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	3.65	3.65		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	7.31	7.31		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	10.96	10.96		

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)
 (INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

080 COLORADO

TABLE C-1 ... UNDERGROUND BITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,
 BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974
 MILLION SHORT TONS

COUNTY: 103 RIO BLANCO

THICK NESS	BED	RESERVES BY SULFUR RANGE, PERCENT										UNKNOWN	TOTAL	NO.OF ANAL	AVG S %	
		≤ .4	.5-.6	.7-.8	.9-1.0	1.1-1.4	1.5-1.8	1.9-2.2	2.3-2.6	2.7-3.0	> 3.0					
28-42	086	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	5.14	5.14		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	10.53	10.53		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	15.67	15.67		
28-42	087	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.68	1.68		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	11.39	11.39		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	13.07	13.07		
28-42	088	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.63	.63		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	3.71	3.71		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	4.34	4.34		
28-42	089	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	8.70	8.70		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	24.17	24.17		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	32.87	32.87		
28-42	090	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	2.09	2.09		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	16.32	16.32		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	18.41	18.41		
28-42	091	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	6.98	6.98		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	6.98	6.98		
28-42	092	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	12.91	12.91		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	12.91	12.91		
28-42	093	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	5.48	5.48		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	5.48	5.48		
28-42	094	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	2.33	2.33		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	2.33	2.33		

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)
 (INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

080 COLORADO

TABLE C-1 ... UNDERGROUND BITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,
BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974
MILLION SHORT TONS

COUNTY: 103 RIO BLANCO

THICK NESS	BED	RESERVES BY SULFUR RANGE, PERCENT											TOTAL	NO.OF ANAL	AVG S %		
		≤ .4	.5-.6	.7-.8	.9-1.0	1.1-1.4	1.5-1.8	1.9-2.2	2.3-2.6	2.7-3.0	> 3.0	UNKNOWN					
28-42	095	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	8.68	8.68		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	20.43	20.43		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	29.11	29.11		
28-42	096	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	2.18	2.18		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	4.96	4.96		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	7.14	7.14		
28-42	097	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	8.17	8.17		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	8.17	8.17		
28-42	098	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	12.53	12.53		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	3.15	3.15		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	15.68	15.68		
28-42	100	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.16	.16		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.16	.16		
28-42	101	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	9.92	9.92		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	9.92	9.92		
28-42	102	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	12.92	12.92		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	14.01	14.01		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	26.93	26.93		
28-42	104	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.13	1.13		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.13	1.13		
28-42	105	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	2.51	2.51		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	31.38	31.38		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	33.89	33.89		

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)
(INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

090 COLORADO

TABLE C-1 ... UNDERGROUND BITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,
BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974
MILLION SHORT TONS

COUNTY: 103 RIO BLANCO

THICK NESS	BED	RESERVES BY SULFUR RANGE, PERCENT										UNKNOWN	TOTAL	NO.OF ANAL	AVG S %	
		≤ .4	.5-.6	.7-.8	.9-1.0	1.1-1.4	1.5-1.8	1.9-2.2	2.3-2.6	2.7-3.0	> 3.0					
28-42	107	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.73	1.73		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	4.58	4.58		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	6.31	6.31		
28-42	108	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	4.78	4.78		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	4.78	4.78		
28-42	109	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	2.68	2.68		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	2.68	2.68		
28-42	110	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	3.74	3.74		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	6.07	6.07		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	9.81	9.81		
28-42	111	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	39.97	39.97		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	39.97	39.97		
28-42	112	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.79	.79		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.79	.79		
28-42	113	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.02	1.02		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.02	1.02		
28-42	116	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	3.69	3.69		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	3.69	3.69		
28-42	118	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	15.78	15.78		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	15.78	15.78		

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)
(INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

080 COLORADO

TABLE C-1 ... UNDERGROUND BITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,
BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974
MILLION SHORT TONS

COUNTY: 103 RIO BLANCO

THICK NESS	BED	RESERVES BY SULFUR RANGE, PERCENT										UNKNOW N	TOTAL	NO.OF ANAL	AVG S %	
		≤ .4	.5-.6	.7-.8	.9-1.0	1.1-1.4	1.5-1.8	1.9-2.2	2.3-2.6	2.7-3.0	> 3.0					
28-42	121	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	3.06	3.06		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.01		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	3.07	3.07		
28-42	124	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	3.46	3.46		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	3.46	3.46		
28-42	126	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.44	1.44		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.44	1.44		
28-42	127	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	3.55	3.55		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.02		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	3.57	3.57		
28-42	128	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.31	.31		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	8.50	8.50		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	8.81	8.81		
28-42	129	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.51	.51		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.51	.51		
28-42	130	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	7.23	7.23		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	7.23	7.23		
28-42	131	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	2.86	2.86		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	9.62	9.62		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	12.48	12.48		
28-42	132	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.05	.05		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.05	.05		

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)
(INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

080 COLORADO

TABLE C-1 ... UNDERGROUND BITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,
BED THICKNESS AND SULFUR RANGE - JANUARY 1, 1974
MILLION SHORT TONS

COUNTY: 103 RIO BLANCO

THICK NESS	BED	RESERVES BY SULFUR RANGE, PERCENT										UNKNOWN	TOTAL	NO.OF ANAL	AVG S %	
		≤ .4	.5-.6	.7-.8	.9-1.0	1.1-1.4	1.5-1.8	1.9-2.2	2.3-2.6	2.7-3.0	> 3.0					
28-42	134	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	3.60	3.60	
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	3.60	3.60	
28-42	135	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	3.08	3.08		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	4.40	4.40		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	7.48	7.48		
28-42	136	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	28.57	28.57		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	28.57	28.57		
28-42	138	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.86	.86		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.82	1.82		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	2.68	2.68		
28-42	139	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.27	1.27		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.27	1.27		
28-42	140	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	2.84	2.84		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	2.84	2.84		
28-42	141	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.79	.79		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.79	.79		
28-42	145	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.87	.87		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.87	.87		
28-42	147	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.93	1.93		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.48	1.48		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	3.41	3.41		

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)
(INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

080 COLORADO

TABLE C-1 ... UNDERGROUND BITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,
BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974
MILLION SHORT TONS

COUNTY: 103 RIO BLANCO

THICK NESS	BED	RESERVES BY SULFUR RANGE, PERCENT										UNKNOWN	TOTAL	NO. OF ANAL	AVG S %	
		≤ .4	.5-.6	.7-.8	.9-1.0	1.1-1.4	1.5-1.8	1.9-2.2	2.3-2.6	2.7-3.0	> 3.0					
28-42	148	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	2.70	2.70		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	2.70	2.70		
28-42	150	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	2.31	2.31		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	2.31	2.31		
28-42	165	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	137.66	137.66		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	137.66	137.66		
28-42	166	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	6.17	6.17		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	91.90	91.90		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	98.07	98.07		
28-42	167	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	3.97	3.97		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	3.97	3.97		
28-42	169	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	181.21	181.21		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	181.21	181.21		
28-42	171	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.37	1.37		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.37	1.37		
28-42	172	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	4.12	4.12		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	2.54	2.54		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	6.66	6.66		
28-42	173	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	2.34	2.34		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	13.04	13.04		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	15.38	15.38		

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)
(INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

080 COLORADO

TABLE C-1 ... UNDERGROUND BITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,
 BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974
 MILLION SHORT TONS

COUNTY: 103 RIO BLANCO

THICK NESS	BED	RESERVES BY SULFUR RANGE, PERCENT											TOTAL	NO.OF ANAL	AVG S %		
		≤ .4	.5-.6	.7-.8	.9-1.0	1.1-1.4	1.5-1.8	1.9-2.2	2.3-2.6	2.7-3.0	> 3.0	UNKNOWN					
28-42	174	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00			
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	5.08	5.08	
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	5.08	5.08	
28-42	175	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	2.21	2.21		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	5.23	5.23		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	7.44	7.44		
28-42	176	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.56	1.56		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.56	1.56		
28-42	177	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.18	1.18		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.18	1.18		
28-42	512	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	3.41	3.41		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	3.41	3.41		
28-42	799	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	65	.5
> 42		8.34	14.76	5.67	1.05	.18	.00	.00	.00	.00	.00	.00	.00	.00	30.00		
TOTAL		8.34	14.76	5.67	1.05	.18	.00	.00	.00	.00	.00	.00	.00	.00	30.00		
COUNTY: TOTAL																	
28-42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	134.89	134.89	65	
> 42		8.34	14.76	5.67	1.05	.18	.00	.00	.00	.00	.00	.00	.00	902.48	932.48		
TOTAL		8.34	14.76	5.67	1.05	.18	.00	.00	.00	.00	.00	.00	.00	1037.37	1067.37		
COUNTY: 107 BUITT																	
28-42	152	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	9.19	9.19		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	57.70	57.70		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	66.89	66.89		

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)
 (INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

080 COLORADO

TABLE C-1 ... UNDERGROUND BITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,
BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974
MILLION SHORT TONS

COUNTY: 107 ROUTT

THICK NESS	BED	RESERVES BY SULFUR RANGE, PERCENT										UNKNOWN	TOTAL	NO. OF ANAL	AVG S %	
		≤ .4	.5-.6	.7-.8	.9-1.0	1.1-1.4	1.5-1.8	1.9-2.2	2.3-2.6	2.7-3.0	> 3.0					
28-42	153	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	22.20	22.20		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	206.38	206.38		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	228.58	228.58		
28-42	154	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	170.64	170.64		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	170.64	170.64		
28-42	155	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	71.05	71.05		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	71.05	71.05		
28-42	178	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
> 42		22.76	40.25	13.44	.00	.00	.00	.00	.00	.00	.00	.00	.00	76.38	6	.5
TOTAL		22.76	40.25	13.44	.00	.00	.00	.00	.00	.00	.00	.00	.00	76.38		
28-42	179	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.94	.94		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	55.39	55.39		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	56.33	56.33		
28-42	180	.00	.03	.05	.07	.14	.06	.00	.00	.00	.00	.00	.00	.37	7	1.1
> 42		.00	.66	1.17	1.69	3.20	1.31	.00	.00	.00	.00	.00	.00	8.06		
TOTAL		.00	.69	1.22	1.75	3.34	1.37	.00	.00	.00	.00	.00	.00	8.43		
28-42	181	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	17.20	17.20		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	17.20	17.20		
28-42	182	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	8.32	8.32		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	8.32	8.32		
28-42	183	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	31.28	31.28		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	31.28	31.28		

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)
(INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

080 COLORADO

TABLE C-1 ... UNDERGROUND BITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,
BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974
MILLION SHORT TONS

COUNTY: 107 ROUTT

THICK NESS	RFD	RESERVES BY SULFUR RANGE, PERCENT											TOTAL	NO.OF ANAL	AVG S %	
		≤ .4	.5-.6	.7-.8	.9-1.0	1.1-1.4	1.5-1.8	1.9-2.2	2.3-2.6	2.7-3.0	> 3.0	UNKNOWN				
28-42	184	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.83	.83		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	30.69	30.69		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	31.52	31.52		
28-42	185	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	2.74	2.74		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	2.74	2.74		
28-42	186	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	5.70	5.70		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	139.04	139.04		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	144.74	144.74		
28-42	187	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	11.90	11.90		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	166.66	166.66		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	178.56	178.56		
28-42	188	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1	.5
> 42		.00	159.61	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	159.61		
TOTAL		.00	159.61	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	159.61		
28-42	738	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	7	.5
> 42		.00	417.92	113.11	.00	.00	.00	.00	.00	.00	.00	.00	.00	531.04		
TOTAL		.00	417.92	113.11	.00	.00	.00	.00	.00	.00	.00	.00	.00	531.04		
28-42	750	1.26	3.50	2.54	.63	.13	.00	.00	.00	.00	.00	.00	.00	8.10	786	.6
> 42		91.23	253.24	183.64	46.20	9.94	.00	.00	.00	.00	.00	.00	.00	584.87		
TOTAL		92.49	256.74	186.18	46.83	10.07	.00	.00	.00	.00	.00	.00	.00	592.97		
28-42	760	.00	.40	.81	1.62	8.10	16.82	15.30	6.38	1.21	.00	.00	.00	50.68	335	1.9
> 42		.00	.32	.65	1.31	6.57	13.64	12.40	5.17	.98	.00	.00	.00	41.09		
TOTAL		.00	.72	1.46	2.93	14.67	30.46	27.70	11.55	2.19	.00	.00	.00	91.77		
28-42	799	3.14	12.31	19.24	21.55	26.17	6.64	1.25	.00	.00	.00	.00	.00	96.24	205	.9
> 42		16.56	22.32	34.88	39.07	47.44	12.03	2.26	.00	.00	.00	.00	.00	174.42		
TOTAL		25.70	34.63	54.12	60.62	73.61	18.67	3.51	.00	.00	.00	.00	.00	270.66		

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)
(INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

080 COLORADO

TABLE C-1 ... UNDERGROUND BITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,
BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974
MILLION SHORT TONS

COUNTY: 107 ROUTT

THICK NESS	BED	RESERVES BY SULFUR RANGE, PERCENT										TOTAL	NO.OF ANAL	AVG S %		
		≤ .4	.5-.6	.7-.8	.9-1.0	1.1-1.4	1.5-1.8	1.9-2.2	2.3-2.6	2.7-3.0	> 3.0				UNKNOWN	
COUNTY: TOTAL																
28-42		10.40	16.24	22.64	23.87	34.54	23.52	16.55	6.38	1.21	.00	50.76	206.15	1347		
> 42		130.55	894.32	346.89	88.26	67.15	26.98	14.66	5.17	.98	.00	957.09	2532.56			
TOTAL		140.95	910.56	369.53	112.13	101.69	50.50	31.21	11.55	2.19	.00	1007.85	2738.71			
STATE TOTAL																
28-42		58.81	268.80	148.54	57.35	54.15	38.53	17.95	7.30	1.88	1.25	775.08	1430.25	4037		
> 42		404.60	1729.85	804.32	234.13	217.71	83.40	56.73	37.13	25.17	46.06	4156.14	7795.87			
TOTAL		463.41	1998.65	952.86	291.48	271.86	121.93	74.68	44.43	27.05	47.31	4931.22	9226.12			

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)
(INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

190 IOWA

TABLE C-1 ... UNDERGROUND BITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,
BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974
MILLION SHORT TONS

COUNTY: 007 APPANOOSE

THICK NESS	BED	RESERVES BY SULFUR RANGE, PERCENT										UNKNOWN	TOTAL	NO.OF ANAL	AVG S %	
		≤ .4	.5-.6	.7-.8	.9-1.0	1.1-1.4	1.5-1.8	1.9-2.2	2.3-2.6	2.7-3.0	> 3.0					
28-42	484	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	157.27	.00	157.43	74	5.1
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	157.27	.00	157.43		

COUNTY: TOTAL

28-42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	157.27	.00	157.43	74	
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	157.27	.00	157.43		

COUNTY: 015 HOONE

28-42	510	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.03	.03		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.03	.03		
28-42	548	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	44.48	.00	44.44	7	8.9
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	14.18	.00	14.17		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	58.66	.00	58.61		
28-42	549	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	12.96	.00	12.99	6	5.3
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	12.98	.00	13.01		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	25.94	.00	26.00		
28-42	550	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	16.31	16.31		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	11.61	11.61		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	27.92	27.92		
28-42	799	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	2.97	2.97		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	5.11	5.11		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	8.08	8.08		

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)
(INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

190 IOWA

TABLE C-1 ... UNDERGROUND BITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,
BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974
MILLION SHORT TONS

COUNTY: 015 ROONE

THICK NESS	BED	RESERVES BY SULFUR RANGE, PERCENT											TOTAL	NO.OF ANAL	AVG S %	
		≤ .4	.5-.6	.7-.8	.9-1.0	1.1-1.4	1.5-1.8	1.9-2.2	2.3-2.6	2.7-3.0	> 3.0	UNKNOWN				
COUNTY: TOTAL																
28-42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	57.44	19.31	76.74		13
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	27.16	16.72	43.90		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	84.60	36.03	120.64		

COUNTY: 029 CASS

28-42	442	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.37	.37	
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.37	.37	

COUNTY: TOTAL

28-42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.37	.37	
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.37	.37	

COUNTY: 049 DALLAS

28-42	484	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.92	.92	
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.92	.92	
28-42	485	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.75	1.75	
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.75	1.75	

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)
(INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

190 IOWA

TABLE C-1 ... UNDERGROUND BITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,
BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974
MILLION SHORT TONS

COUNTY: 049 DALLAS

THICK NESS	BED	RESERVES BY SULFUR RANGE, PERCENT											TOTAL	NO.OF ANAL	AVG S %	
		≤ .4	.5-.6	.7-.8	.9-1.0	1.1-1.4	1.5-1.8	1.9-2.2	2.3-2.6	2.7-3.0	> 3.0	UNKNOWN				
28-42	496	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.70	.70		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.70	.70		
28-42	510	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.24	.24		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.38	1.38		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.62	1.62		
28-42	530	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	3.53	.00	3.53	33	5.1
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.08	.00	1.08		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	4.61	.00	4.61		
28-42	549	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	2.86	2.86		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.55	.55		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	3.41	3.41		
28-42	550	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	15.07	.00	15.04	13	5.0
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	11.55	.00	11.53		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	26.62	.00	26.57		
28-42	799	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	8.52	8.52		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	2.33	2.33		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	10.85	10.85		

COUNTY: TOTAL

28-42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	18.60	14.07	32.64	46	
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	12.63	5.18	17.79		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	31.23	19.25	50.43		

COUNTY: 051 DAVIS

28-42	496	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.66	.66		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.66	.66		

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)
(INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

190 IOWA

TABLE C-1 ... UNDERGROUND BITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,
BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974
MILLION SHORT TONS

COUNTY: 051 DAVIS

THICK NESS	BED	RESERVES BY SULFUR RANGE, PERCENT											TOTAL	NO.OF ANAL	AVG S %	
		≤ .4	.5-.6	.7-.8	.9-1.0	1.1-1.4	1.5-1.8	1.9-2.2	2.3-2.6	2.7-3.0	> 3.0	UNKNOWN				
28-42	529	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	8.74	.00	8.76	2	5.7
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	20.01	.00	20.06		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	28.75	.00	28.82		
28-42	539	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	2.83	2.83		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	3.47	3.47		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	6.30	6.30		
28-42	799	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.83	.00	1.83	1	8.6
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.83	.00	1.83		

COUNTY: TOTAL

28-42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	10.57	3.49	14.08	3	
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	20.01	3.47	23.53		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	30.58	6.96	37.61		

COUNTY: 053 DECATUR

28-42	492	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	2.17	2.17		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	14.97	14.97		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	17.14	17.14		
28-42	496	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	2.06	2.06		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	8.11	8.11		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	10.17	10.17		
28-42	799	.00	.00	.00	.00	.00	.00	.00	.04	.18	1.11	.00	1.35	1.35	5	3.5
> 42		.00	.00	.00	.00	.00	.00	.00	.16	.67	3.98	.00	4.82	4.82		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.20	.85	5.09	.00	6.17	6.17		

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)
(INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

190 IOWA

TABLE C-1 ... UNDERGROUND BITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,
BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974
MILLION SHORT TONS

COUNTY: 053 DECATUR

THICKNESS	BED	RESERVES BY SULFUR RANGE, PERCENT											TOTAL	NO. OF ANAL	AVG S %	
		≤ .4	.5-.6	.7-.8	.9-1.0	1.1-1.4	1.5-1.8	1.9-2.2	2.3-2.6	2.7-3.0	> 3.0	UNKNOWN				
COUNTY: TOTAL																
28-42		.00	.00	.00	.00	.00	.00	.00	.04	.18	1.11	4.23	5.58	5		
> 42		.00	.00	.00	.00	.00	.00	.00	.16	.67	3.98	23.08	27.90			
TOTAL		.00	.00	.00	.00	.00	.00	.00	.20	.85	5.09	27.31	33.48			

COUNTY: 073 GREENE

28-42	799	.05	.03	.04	.05	.17	.28	.44	.62	.78	3.28	.00	5.79	3	3.1
> 42		.06	.04	.06	.07	.22	.37	.57	.81	1.01	4.28	.00	7.55		
TOTAL		.11	.07	.10	.12	.39	.65	1.01	1.43	1.79	7.56	.00	13.34		

COUNTY: TOTAL

28-42		.05	.03	.04	.05	.17	.28	.44	.62	.78	3.28	.00	5.79	3	
> 42		.06	.04	.06	.07	.22	.37	.57	.81	1.01	4.28	.00	7.55		
TOTAL		.11	.07	.10	.12	.39	.65	1.01	1.43	1.79	7.56	.00	13.34		

COUNTY: 077 GUTHRIE

28-42	496	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.58	.58		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.58	.58		
28-42	506	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.69	.69		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.69	.69		

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)
(INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

190 IOWA

TABLE C-1 ... UNDERGROUND BITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,
BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974
MILLION SHORT TONS

COUNTY: 077 GUTHRIE

THICK NESS	BED	RESERVES BY SULFUR RANGE, PERCENT											TOTAL	NO.OF ANAL	AVG S %	
		≤ .4	.5-.6	.7-.8	.9-1.0	1.1-1.4	1.5-1.8	1.9-2.2	2.3-2.6	2.7-3.0	> 3.0	UNKNOWN				
28-42	510	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.92	.92		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.92	.92		
28-42	530	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	2.30	2.30		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	2.30	2.30		
28-42	799	.00	.00	.00	.00	.00	.01	.01	.02	.02	.10	.00	.21	.21	3	2.2
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		.00	.00	.00	.00	.00	.01	.01	.02	.02	.10	.00	.21	.21		

COUNTY: TOTAL

28-42	.00	.00	.00	.00	.00	.01	.01	.02	.02	.10	1.27	1.48	1.48	3	
> 42	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	3.22	3.22	3.22		
TOTAL	.00	.00	.00	.00	.00	.01	.01	.02	.02	.10	4.49	4.70	4.70		

COUNTY: 079 HAMILTON

28-42	564	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	5.07	5.07		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	3.44	3.44		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	8.51	8.51		

COUNTY: TOTAL

28-42	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	5.07	5.07	5.07		
> 42	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	3.44	3.44	3.44		
TOTAL	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	8.51	8.51	8.51		

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)
(INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

190 IOWA

TABLE C-1 ... UNDERGROUND BITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,
BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974
MILLION SHORT TONS

COUNTY: 083 HARDIN

THICK NESS	BED	RESERVES BY SULFUR RANGE, PERCENT											TOTAL	NO.OF ANAL	AVG S %
		≤ .4	.5-.6	.7-.8	.9-1.0	1.1-1.4	1.5-1.8	1.9-2.2	2.3-2.6	2.7-3.0	> 3.0	UNKNOWN			
28-42	794	.05	.04	.06	.09	.24	.30	.26	.16	.08	.05	.00	1.38	3	1.2
> 42		.12	.10	.15	.20	.57	.70	.61	.39	.20	.12	.00	3.22		
TOTAL		.17	.14	.21	.28	.81	1.00	.87	.55	.28	.17	.00	4.60		

COUNTY: TOTAL

28-42		.05	.04	.06	.08	.24	.30	.26	.16	.08	.05	.00	1.38	3	
> 42		.12	.10	.15	.20	.57	.70	.61	.39	.20	.12	.00	3.22		
TOTAL		.17	.14	.21	.28	.81	1.00	.87	.55	.28	.17	.00	4.60		

COUNTY: 087 HENRY

28-42	529	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.52	.52		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.48	.48		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.00	1.00		

28-42	539	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.23	.23		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.23	.23		

COUNTY: TOTAL

28-42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.52	.52		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.71	.71		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.23	1.23		

COUNTY: 099 JASPER

28-42	510	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	3.58	3.58		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	3.89	3.89		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	7.47	7.47		

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)
(INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

190 IOWA

TABLE C-1 ... UNDERGROUND BITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,
BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974
MILLION SHORT TONS

COUNTY: 099 JASPER

THICK NESS	BED	RESERVES BY SULFUR RANGE, PERCENT											TOTAL	NO. OF ANAL	AVG S %	
		≤ .4	.5-.6	.7-.8	.9-1.0	1.1-1.4	1.5-1.8	1.9-2.2	2.3-2.6	2.7-3.0	> 3.0	UNKNOWN				
28-42	517	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.93	.93		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	4.25	4.25		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	5.18	5.18		
28-42	530	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	23.06	.00	23.09	5	4.1
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	22.99	.00	23.02		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	46.05	.00	46.11		
28-42	548	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	2.18	2.18		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.21	.21		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	2.39	2.39		
28-42	799	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	7.83	.00	7.83	31	5.8
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	16.34	.00	16.34		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	24.17	.00	24.17		

COUNTY: TOTAL

28-42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	30.89	6.69	37.61	36	
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	39.33	8.35	47.71		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	70.22	15.04	85.32		

COUNTY: 101 JEFFERSON

28-42	529	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	28.07	28.07		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	20.19	20.19		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	48.26	48.26		
28-42	539	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.61	.61		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.61	.61		

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)
(INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

190 IOWA

TABLE C-1 ... UNDERGROUND BITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,
 BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974
 MILLION SHORT TONS

COUNTY: 101 JEFFERSON

THICK NESS	BED	RESERVES BY SULFUR RANGE, PERCENT										UNKNOWN	TOTAL	NO.OF ANAL	AVG S %	
		≤ .4	.5-.6	.7-.8	.9-1.0	1.1-1.4	1.5-1.8	1.9-2.2	2.3-2.6	2.7-3.0	> 3.0					
COUNTY:	TOTAL															
28-42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	28.68	28.68			
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	20.19	20.19			
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	48.87	48.87			

COUNTY: 107 KEOKUK

28-42	539	.00	.00	.00	.00	.00	.00	.00	.00	.00	.98	.00	.98	5	7.8
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	76.71	.00	76.56		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	77.69	.00	77.54		

COUNTY: TOTAL

28-42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.98	.00	.98	5	
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	76.71	.00	76.56		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	77.69	.00	77.54		

COUNTY: 111 LEE

28-42	799	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	2.00	2.00		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.71	.71		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	2.71	2.71		

COUNTY: TOTAL

28-42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	2.00	2.00		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.71	.71		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	2.71	2.71		

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)
 (INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

190 10WA

TABLE C-1 ... UNDERGROUND BITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,
 REF. THICKNESS AND SULFUR RANGE - JANUARY 1, 1974
 MILLION SHORT TONS

COUNTY: 117 LUCAS

THICK NESS	REF	RESERVES BY SULFUR RANGE, PERCENT											TOTAL	NO.OF ANAL	AVG S %	
		≤ .4	.5-.6	.7-.8	.9-1.0	1.1-1.4	1.5-1.8	1.9-2.2	2.3-2.6	2.7-3.0	> 3.0	UNKNOWN				
28-42	495	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	2.30	2.30		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	2.30	2.30		
28-42	496	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	2.86	2.86		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	2.86	2.86		
28-42	506	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.87	1.87		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.87	1.87		
28-42	517	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	11.73	11.73		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	11.73	11.73		
28-42	530	.00	.00	.00	.00	.00	.00	.00	.00	.17	14.43	.00	14.60	14.60	31	4.7
> 42		.00	.00	.00	.00	.00	.00	.00	.00	1.21	99.90	.00	101.02	101.02		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	1.38	114.33	.00	115.62	115.62		

COUNTY: TOTAL

28-42		.00	.00	.00	.00	.00	.00	.00	.00	.17	14.43	18.76	33.36	33.36	31	
> 42		.00	.00	.00	.00	.00	.00	.00	.00	1.21	99.90	.00	101.02	101.02		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	1.38	114.33	18.76	134.38	134.38		

COUNTY: 123 MAHASKA

28-42	529	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	4.21	4.21		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	4.21	4.21		

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)
 (INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

190 IOWA

TABLE C-1 ... UNDERGROUND BITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,
 BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974
 MILLION SHORT TONS

COUNTY: 123 MAHASKA

THICK- NESS	BED	RESERVES BY SULFUR RANGE, PERCENT										UNKNOWN	TOTAL	NO.OF ANAL	AVG S %	
		≤ .4	.5-.6	.7-.8	.9-1.0	1.1-1.4	1.5-1.8	1.9-2.2	2.3-2.6	2.7-3.0	> 3.0					
28-42	530	.00	.00	.00	.00	.00	.00	.00	.00	.00	2.78	32.00	.00	34.79	9	4.0
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	21.14	243.12	.00	264.27		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	23.92	275.12	.00	299.06		
28-42	548	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	10.77	.00	10.75	10	6.2
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	11.34	.00	11.32		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	22.11	.00	22.07		

COUNTY: TOTAL

28-42		.00	.00	.00	.00	.00	.00	.00	.00	.00	2.78	42.77	.00	45.54	19	
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	21.14	254.46	4.21	279.80		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	23.92	297.23	4.21	325.34		

COUNTY: 125 MARION

28-42	517	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	2.11	2.11		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.77	.77		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	2.88	2.88		
28-42	530	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	102.96	.00	103.27	437	5.8
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	258.12	.00	258.90		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	361.08	.00	362.17		
28-42	548	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	5.72	5.72		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	16.04	16.04		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	21.76	21.76		
28-42	794	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	8.68	.00	8.72	97	6.1
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	2.79	.00	2.81		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	11.47	.00	11.53		

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)
 (INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

190 IOWA

TABLE C-1 ... UNDERGROUND BITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,
BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974
MILLION SHORT TONS

COUNTY: 125 MARION

THICK NESS	BED	RESERVES BY SULFUR RANGE, PERCENT										UNKNOWN	TOTAL	NO.OF ANAL	AVG S %	
		≤ .4	.5-.6	.7-.8	.9-1.0	1.1-1.4	1.5-1.8	1.9-2.2	2.3-2.6	2.7-3.0	> 3.0					
COUNTY: TOTAL																
28-42		.00	.00	.00	.00	.00	.00	.00	.00	.01	111.64	7.83	119.82	534		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	260.91	16.81	278.52			
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.01	372.55	24.64	398.34			

COUNTY: 127 MARSHALL

28-42	550	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.83	.83		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.34	.34		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.17	1.17		
28-42	799	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	2.00	2.00		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	2.00	2.00		

COUNTY: TOTAL

28-42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	2.83	2.83		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.34	.34		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	3.17	3.17		

COUNTY: 135 MONROE

28-42	496	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.69	.69		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.69	.69		

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)
(INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

190 IOWA

TABLE C-1 ... UNDERGROUND BITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,
BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974
MILLION SHORT TONS

COUNTY: 135 MONROE

THICK NESS	BED	RESERVES BY SULFUR RANGE, PERCENT											UNKNOWN	TOTAL	NO.OF ANAL	AVG S %
		≤ .4	.5-.6	.7-.8	.9-1.0	1.1-1.4	1.5-1.8	1.9-2.2	2.3-2.6	2.7-3.0	> 3.0					
28-42	517	.00	.00	.00	.00	.00	.00	.00	.19	.29	4.10	.00	4.58	8	3.5	
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00			
TOTAL		.00	.00	.00	.00	.00	.00	.00	.19	.29	4.10	.00	4.58			
28-42	530	.00	.00	.00	.00	.00	9.72	12.87	15.20	63.54	.00	101.35	66	3.3		
> 42		.00	.00	.00	.00	.00	39.19	51.85	61.24	256.01	.00	408.32				
TOTAL		.00	.00	.00	.00	.00	48.91	64.72	76.44	319.55	.00	509.67				
28-42	548	.00	.00	.00	.00	.00	.00	.00	.00	3.73	.00	3.73	9	6.2		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00				
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	3.73	.00	3.73				

COUNTY: TOTAL

28-42	.00	.00	.00	.00	.00	.00	9.72	13.06	15.49	71.37	.69	110.35	83
> 42	.00	.00	.00	.00	.00	.00	39.19	51.85	61.24	256.01	.00	408.32	
TOTAL	.00	.00	.00	.00	.00	.00	48.91	64.91	76.73	327.38	.69	518.67	

COUNTY: 139 MUSCATINE

28-42	529	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.07	.07
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.07	.07

COUNTY: TOTAL

28-42	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.07	.07
> 42	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
TOTAL	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.07	.07

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)
(INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

190 IOWA

TABLE C-1 ... UNDERGROUND BITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,
 BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974
 MILLION SHORT TONS

COUNTY: 153 POLK

THICK- NESS	BED	RESERVES BY SULFUR RANGE, PERCENT											TOTAL	NO. OF ANAL	AVG S %	
		≤ .4	.5-.6	.7-.8	.9-1.0	1.1-1.4	1.5-1.8	1.9-2.2	2.3-2.6	2.7-3.0	> 3.0	UNKNOWN				
28-42	510	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	3.06	3.06		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	6.99	6.99		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	10.05	10.05		
28-42	517	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	4.24	4.24		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	14.11	14.11		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	18.35	18.35		
28-42	530	.00	.00	.00	.00	.00	.00	.00	.00	.00	16.99	.00	16.94	16.94	82	6.8
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	24.81	.00	24.74	24.74		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	41.80	.00	41.68	41.68		
28-42	548	.00	.00	.00	.00	.00	.00	.00	.00	.00	17.03	.00	17.03	17.03	1	5.0
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	33.37	.00	33.37	33.37		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	50.40	.00	50.40	50.40		
28-42	549	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	41.69	41.69		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	48.05	48.05		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	89.74	89.74		
28-42	550	.00	.00	.00	.00	.00	.00	.00	.00	.00	94.20	.00	94.30	94.30	28	6.3
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	188.02	.00	188.21	188.21		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	282.22	.00	282.51	282.51		

COUNTY: TOTAL

28-42	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	128.22	48.99	177.26	177.26	111	
> 42	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	246.20	69.15	315.47	315.47		
TOTAL	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	374.42	118.14	492.73	492.73		

COUNTY: 163 SCOTT

28-42	529	.06	.03	.04	.04	.10	.11	.13	.14	.15	.84	.00	1.68	1.68	5	3.0
> 42		.02	.01	.01	.01	.03	.04	.04	.04	.05	.28	.00	.57	.57		
TOTAL		.08	.04	.05	.05	.13	.15	.17	.18	.20	1.12	.00	2.25	2.25		

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)
 (INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

190 IOWA

TABLE C-1 ... UNDERGROUND BITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,
BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974
MILLION SHORT TONS

COUNTY: 163 SCOTT

THICK- NESS	BED	RESERVES BY SULFUR RANGE, PERCENT										UNKNOWN	TOTAL	NO.OF ANAL	AVG S %	
		≤ .4	.5-.6	.7-.8	.9-1.0	1.1-1.4	1.5-1.8	1.9-2.2	2.3-2.6	2.7-3.0	> 3.0					
COUNTY:	TOTAL															
28-42		.06	.03	.04	.04	.10	.11	.13	.14	.15	.84	.00	1.68	5		
> 42		.02	.01	.01	.01	.03	.04	.04	.04	.05	.28	.00	.57			
TOTAL		.08	.04	.05	.05	.13	.15	.17	.18	.20	1.12	.00	2.25			

COUNTY: 169 STORY

28-42	510	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.04	.04
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	2.94	2.94
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	2.98	2.98
28-42	548	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.24	.24
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	4.31	4.31
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	4.55	4.55
28-42	549	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.18	.18
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.15	1.15
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.33	1.33
28-42	550	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.72	1.72
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	6.07	6.07
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	7.79	7.79
28-42	799	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	3.64	3.64
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	13.68	13.68
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	17.32	17.32

COUNTY: TOTAL

28-42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	5.82	5.82
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	28.15	28.15
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	33.97	33.97

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)
(INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

190 IOWA

TABLE C-1 ... UNDERGROUND BITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,
BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974
MILLION SHORT TONS

COUNTY: 177 VAN BUREN

THICK NESS	BED	RESERVES BY SULFUR RANGE, PERCENT											TOTAL	NO.OF ANAL	AVG S %	
		≤ .4	.5-.6	.7-.8	.9-1.0	1.1-1.4	1.5-1.8	1.9-2.2	2.3-2.6	2.7-3.0	> 3.0	UNKNOWN				
28-42	517	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.42	.42		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.42	.42		
28-42	529	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	19.94	19.94		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	15.17	15.17		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	35.11	35.11		
28-42	530	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.81	.81		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.64	.64		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.45	1.45		
28-42	799	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	5.70	.00	5.71	3	7.1
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	6.03	.00	6.04		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	11.73	.00	11.75		

COUNTY: TOTAL

28-42		.00	.00	.00	.00	.00	.00	.00	.00	.00	5.70	21.17	26.88	3	
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	6.03	15.81	21.85		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	11.73	36.98	48.73		

COUNTY: 179 WAPELLO

28-42	517	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	23.84	23.84		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	60.96	60.96		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	84.80	84.80		
28-42	529	.00	.00	.00	.00	.00	.00	.00	.00	.00	8.94	.00	8.94	1	5.3
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	5.62	.00	5.62		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	14.56	.00	14.56		

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)
(INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

190 IOWA

TABLE C-1 ... UNDERGROUND BITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,
BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974
MILLION SHORT TONS

COUNTY: 179 WAPELLO

THICK NESS	BED	RESERVES BY SULFUR RANGE, PERCENT											TOTAL	NO.OF ANAL	AVG S %	
		≤ .4	.5-.6	.7-.8	.9-1.0	1.1-1.4	1.5-1.8	1.9-2.2	2.3-2.6	2.7-3.0	> 3.0	UNKNOWN				
28-42	530	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	3.51	3.51		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	27.52	27.52		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	31.03	31.03		
28-42	539	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	7.42	.00	7.42	2	5.6
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	10.33	.00	10.33		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	17.75	.00	17.75		
28-42	799	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.81	.00	.81	9	5.9
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.81	.00	.81		

COUNTY: TOTAL

28-42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	17.17	27.35	44.52	12	
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	15.95	88.48	104.43		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	33.12	115.83	148.95		

COUNTY: 181 WARREN

28-42	495	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	6.29	6.29		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	6.29	6.29		
28-42	506	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.98	.98		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.98	.98		
28-42	510	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	14.00	14.00		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.67	.67		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	14.67	14.67		

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)
(INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

190 IOWA

TABLE C-1 ... UNDERGROUND BITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,
 BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974
 MILLION SHORT TONS

COUNTY: 181 WARREN

THICK NESS	BED	RESERVES BY SULFUR RANGE, PERCENT											UNKNOWN	TOTAL	NO.OF ANAL	AVG S %
		≤ .4	.5-.6	.7-.8	.9-1.0	1.1-1.4	1.5-1.8	1.9-2.2	2.3-2.6	2.7-3.0	> 3.0					
28-42	530	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	51.00	.00	51.06	41	4.9
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	13.19	.00	13.21		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	64.19	.00	64.27		
28-42	799	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.17	.00	.17	2	4.2
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.15	.00	1.15		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.32	.00	1.32		

COUNTY: TOTAL

28-42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	51.17	21.27	72.50	43	
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	14.34	.67	15.03		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	65.51	21.94	87.53		

COUNTY: 187 WEBSTER

28-42	564	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	2.41	.00	2.41	1	6.1
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.29	.00	.29		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	2.70	.00	2.70		
28-42	566	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	12.71	.00	12.71	1	5.8
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	11.08	.00	11.08		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	23.79	.00	23.79		
28-42	567	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	10.79	.00	10.79	1	7.5
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	6.67	.00	6.67		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	17.46	.00	17.46		

COUNTY: TOTAL

28-42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	25.91	.00	25.91	3	
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	18.04	.00	18.04		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	43.95	.00	43.95		

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)
 (INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

190 IOWA

TABLE C-1 ... UNDERGROUND BITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,
BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974
MILLION SHORT TONS

THICK NESS	BED	RESERVES BY SULFUR RANGE, PERCENT										TOTAL	NO.OF ANAL	AVG S %	
		≤ .4	.5-.6	.7-.8	.9-1.0	1.1-1.4	1.5-1.8	1.9-2.2	2.3-2.6	2.7-3.0	> 3.0				UNKNOWN
STATE TOTAL															
28-42		.16	.10	.14	.17	.51	.70	10.56	14.04	19.66	749.51	240.11	1036.52	1035	
> 42		.20	.15	.22	.28	.82	1.11	40.41	53.25	85.52	1356.34	309.06	1848.34		
TOTAL		.36	.25	.36	.45	1.33	1.81	50.97	67.29	105.18	2105.85	549.17	2884.86		

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)
(INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

290 MISSOURI

TABLE C-1 ... UNDERGROUND BITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,
BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974
MILLION SHORT TONS

COUNTY: 001 ADAIR

THICK NESS	BED	RESERVES BY SULFUR RANGE, PERCENT										UNKNOWN	TOTAL	NO.OF ANAL	AVG S %	
		≤ .4	.5-.6	.7-.8	.9-1.0	1.1-1.4	1.5-1.8	1.9-2.2	2.3-2.6	2.7-3.0	> 3.0					
28-42	484	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	43.98	.00	43.94	3	4.3
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	43.98	.00	43.94		
28-42	492	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	438.74	.00	438.31	33	5.1
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	438.74	.00	438.31		

COUNTY: TOTAL

28-42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	482.72	.00	482.25	36	
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	482.72	.00	482.25		

COUNTY: 007 AUDRAIN

28-42	490	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	469.26	.00	469.73	5	5.5
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	469.26	.00	469.73		

COUNTY: TOTAL

28-42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	469.26	.00	469.73	5	
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	469.26	.00	469.73		

COUNTY: 011 BARTON

28-42	513	.00	.00	.00	.00	1.96	2.95	4.48	6.45	8.63	84.97	.00	109.36	43	4.3
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		.00	.00	.00	.00	1.96	2.95	4.48	6.45	8.63	84.97	.00	109.36		

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)
(INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

290 MISSOURI

TABLE C-1 ... UNDERGROUND BITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,
 BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974
 MILLION SHORT TONS

COUNTY: 011 BARTON

THICK NESS	BED	RESERVES BY SULFUR RANGE, PERCENT										TOTAL	NO. OF ANAL	AVG S %	
		≤ .4	.5-.6	.7-.8	.9-1.0	1.1-1.4	1.5-1.8	1.9-2.2	2.3-2.6	2.7-3.0	> 3.0				UNKNOWN
COUNTY: TOTAL															
28-42		.00	.00	.00	.00	1.96	2.95	4.48	6.45	8.63	84.97	.00	109.36	43	
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		.00	.00	.00	.00	1.96	2.95	4.48	6.45	8.63	84.97	.00	109.36		

COUNTY: 013 BATES

28-42	482	.00	.00	.00	.00	.00	.00	2.25	17.72	49.33	43.46	.00	112.89	61	3.0
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		.00	.00	.00	.00	.00	.00	2.25	17.72	49.33	43.46	.00	112.89		
28-42	504	.00	.00	.00	.00	.78	1.99	2.56	3.28	4.06	58.60	.00	71.38	12	4.9
> 42		.00	.00	.00	.00	1.18	3.02	3.88	4.96	6.15	88.66	.00	108.00		
TOTAL		.00	.00	.00	.00	1.96	5.01	6.44	8.24	10.21	147.26	.00	179.38		

COUNTY: TOTAL

28-42		.00	.00	.00	.00	.78	1.99	4.81	21.00	53.39	102.06	.00	184.27	73
> 42		.00	.00	.00	.00	1.18	3.02	3.88	4.96	6.15	88.66	.00	108.00	
TOTAL		.00	.00	.00	.00	1.96	5.01	8.69	25.96	59.54	190.72	.00	292.27	

COUNTY: 019 BOONE

28-42	492	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	60.71	60.71
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	60.71	60.71

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)
 (INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

290 MISSOURI

TABLE C-1 ... UNDERGROUND BITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,
 RED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974
 MILLION SHORT TONS

COUNTY: 019 BOONE

THICK NESS	RED	RESERVES BY SULFUR RANGE, PERCENT										UNKNOWN	TOTAL	NO. OF ANAL	AVG S %	
		≤ .4	.5-.6	.7-.8	.9-1.0	1.1-1.4	1.5-1.8	1.9-2.2	2.3-2.6	2.7-3.0	> 3.0					
COUNTY: TOTAL																
28-42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	60.71	60.71		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	60.71	60.71		

COUNTY: 025 CALDWELL

28-42	484	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	128.60	128.60		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	128.60	128.60		

COUNTY: TOTAL

28-42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	128.60	128.60		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	128.60	128.60		

COUNTY: 027 CALLAWAY

28-42	492	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	163.86	.00	163.86	8	6.0
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	163.86	.00	163.86		

COUNTY: TOTAL

28-42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	163.86	.00	163.86	8	
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	163.86	.00	163.86		

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)
 (INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

290 MISSOURI

TABLE C-1 ... UNDERGROUND BITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,
 BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974
 MILLION SHORT TONS

COUNTY: 037 CASS

THICK NESS	BED	RESERVES BY SULFUR RANGE, PERCENT											TOTAL	NO. OF ANAL	AVG S %	
		≤ .4	.5-.6	.7-.8	.9-1.0	1.1-1.4	1.5-1.8	1.9-2.2	2.3-2.6	2.7-3.0	> 3.0	UNKNOWN				
28-42	509	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	72.86	72.86		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	72.86	72.86		

COUNTY: TOTAL

28-42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	72.86	72.86		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	72.86	72.86		

COUNTY: 041 CHARITON

28-42	492	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	3.70	3.70		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	3.70	3.70		

28-42	496	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	60.12	60.12		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	60.12	60.12		

COUNTY: TOTAL

28-42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	63.82	63.82		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	63.82	63.82		

COUNTY: 047 CLAY

28-42	484	.00	.00	.00	.00	.00	.00	.00	.00	.00	32.38	.00	32.42	147	4.1
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	32.38	.00	32.42		

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)
 (INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

290 MISSOURI

TABLE C-1 ... UNDERGROUND BITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,
BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974
MILLION SHORT TONS

COUNTY: 047 CLAY

THICK NESS	BED	RESERVES BY SULFUR RANGE, PERCENT										UNKNOWN	TOTAL	NO.OF ANAL	AVG S %	
		≤ .4	.5-.6	.7-.8	.9-1.0	1.1-1.4	1.5-1.8	1.9-2.2	2.3-2.6	2.7-3.0	> 3.0					
COUNTY: TOTAL																
28-42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	32.38	.00	32.42	147	
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	32.38	.00	32.42		

COUNTY: 061 DAVIESS

28-42	484	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	74.02	.00	74.02	1	5.5
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	74.02	.00	74.02		

COUNTY: TOTAL

28-42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	74.02	.00	74.02	1	
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	74.02	.00	74.02		

COUNTY: 079 GRUNDY

28-42	484	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	31.10	.00	31.10	3	3.6
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	31.10	.00	31.10		

COUNTY: TOTAL

28-42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	31.10	.00	31.10	3	
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	31.10	.00	31.10		

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)
(INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

290 MISSOURI

TABLE C-1 ... UNDERGROUND BITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,
BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974
MILLION SHORT TONS

COUNTY: 081 HARRISON

THICKNESS	BED	RESERVES BY SULFUR RANGE, PERCENT										UNKNOWN	TOTAL	NO.OF ANAL	AVG S %	
		≤ .4	.5-.6	.7-.8	.9-1.0	1.1-1.4	1.5-1.8	1.9-2.2	2.3-2.6	2.7-3.0	> 3.0					
28-42	545	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	169.54	.00	169.54	3	5.8
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	54.18	.00	54.18		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	223.72	.00	223.72		

COUNTY: TOTAL

28-42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	169.54	.00	169.54	3	
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	54.18	.00	54.18		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	223.72	.00	223.72		

COUNTY: 083 HENRY

28-42	509	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	24.23	.00	24.26	99	3.9
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	24.23	.00	24.26		
28-42	545	.00	.00	.00	.00	.00	.00	.00	3.28	5.19	.00	97.72	.00	105.99	12	4.5
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		.00	.00	.00	.00	.00	.00	.00	3.28	5.19	.00	97.72	.00	105.99		

COUNTY: TOTAL

28-42		.00	.00	.00	.00	.00	.00	.00	3.28	5.19	.00	121.95	.00	130.25	111	
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		.00	.00	.00	.00	.00	.00	.00	3.28	5.19	.00	121.95	.00	130.25		

COUNTY: 089 HOWARD

28-42	492	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	152.88	.00	152.88		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	152.88	.00	152.88		

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)
(INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

290 MISSOURI

TABLE C-1 ... UNDERGROUND BITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,
BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974
MILLION SHORT TONS

COUNTY: 089 HOWARD

THICK NESS	BED	RESERVES BY SULFUR RANGE, PERCENT										TOTAL	NO. OF ANAL	AVG S %	
		≤ .4	.5-.6	.7-.8	.9-1.0	1.1-1.4	1.5-1.8	1.9-2.2	2.3-2.6	2.7-3.0	> 3.0				UNKNOWN
COUNTY: TOTAL															
28-42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	152.88	152.88	
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	152.88	152.88	

COUNTY: 101 JOHNSON

28-42	545	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	67.54	67.54	
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	67.54	67.54	

COUNTY: TOTAL

28-42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	67.54	67.54	
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	67.54	67.54	

COUNTY: 115 LINN

28-42	496	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	145.15	145.15	
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	145.15	145.15	
28-42	513	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	419.54	419.54	
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	419.54	419.54	

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)
(INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

290 MISSOURI

TABLE C-1 ... UNDERGROUND BITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,
BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974
MILLION SHORT TONS

COUNTY: 115 LINN

THICK NESS	BED	RESERVES BY SULFUR RANGE, PERCENT										TOTAL	NO.OF ANAL	AVG S %		
		≤ .4	.5-.6	.7-.8	.9-1.0	1.1-1.4	1.5-1.8	1.9-2.2	2.3-2.6	2.7-3.0	> 3.0				UNKNOWN	
COUNTY: TOTAL																
28-42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	564.69	564.69			
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	564.69	564.69			

COUNTY: 121 MACON

28-42	492	.00	.00	.00	.00	.00	.00	.00	.00	.00	174.43	.00	174.43	22	5.0
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	50.88	.00	50.88		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	225.31	.00	225.31		
28-42	513	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	145.15	145.15		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	145.15	145.15		

COUNTY: TOTAL

28-42		.00	.00	.00	.00	.00	.00	.00	.00	.00	174.43	145.15	319.58	22	
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	50.88	.00	50.88		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	225.31	145.15	370.46		

COUNTY: 129 MERCER

28-42	545	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	52.07	52.07		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	537.23	537.23		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	589.30	589.30		

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)
(INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

290 MISSOURI

TABLE C-1 ... UNDERGROUND BITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,
BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974
MILLION SHORT TONS

COUNTY: 129 MERCER

THICK NESS	BED	RESERVES BY SULFUR RANGE, PERCENT										UNKNOWN	TOTAL	NO. OF ANAL	AVG S %	
		≤ .4	.5-.6	.7-.8	.9-1.0	1.1-1.4	1.5-1.8	1.9-2.2	2.3-2.6	2.7-3.0	> 3.0					
COUNTY: TOTAL																
28-42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	52.07	52.07		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	537.23	537.23		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	589.30	589.30		

COUNTY: 139 MONTGOMERY

28-42	490	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	141.31	141.31		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	141.31	141.31		

COUNTY: TOTAL

28-42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	141.31	141.31		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	141.31	141.31		

COUNTY: 147 MODOWAY

28-42	799	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	17.28	17.28		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	17.28	17.28		

COUNTY: TOTAL

28-42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	17.28	17.28		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	17.28	17.28		

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)
(INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

290 MISSOURI

TABLE C-1 ... UNDERGROUND BITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,
BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974
MILLION SHORT TONS

COUNTY: 171 PUTNAM

THICK- NESS	BED	RESERVES BY SULFUR RANGE, PERCENT										UNKNOWN	TOTAL	NO. OF ANAL	AVG S %		
		≤ .4	.5-.6	.7-.8	.9-1.0	1.1-1.4	1.5-1.8	1.9-2.2	2.3-2.6	2.7-3.0	> 3.0						
28-42	484	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	384.36	.00	384.75	5	4.5
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	384.36	.00	384.75		

COUNTY: TOTAL

28-42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	384.36	.00	384.75	5	
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	384.36	.00	384.75		

COUNTY: 175 RANDOLPH

28-42	492	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	27.19	.00	27.14	59	5.2
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	644.50	.00	643.22		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	671.69	.00	670.36		

COUNTY: TOTAL

28-42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	27.19	.00	27.14	59	
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	644.50	.00	643.22		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	671.69	.00	670.36		

COUNTY: 177 RAY

28-42	484	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	110.01	.00	109.91	38	5.2
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	110.01	.00	109.91		

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)
(INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

290 MISSOURI

TABLE C-1 ... UNDERGROUND BITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,
BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974
MILLION SHORT TONS

COUNTY: 177 RAY

THICK NESS	BED	RESERVES BY SULFUR RANGE, PERCENT										UNKNOWN	TOTAL	NO.OF ANAL	AVG S %
		≤ .4	.5-.6	.7-.8	.9-1.0	1.1-1.4	1.5-1.8	1.9-2.2	2.3-2.6	2.7-3.0	> 3.0				

COUNTY: TOTAL

28-42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	110.01	.00	109.91	38	
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	110.01	.00	109.91		

COUNTY: 185 ST CLAIR

28-42	545	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	209.82	209.82		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	209.82	209.82		

COUNTY: TOTAL

28-42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	209.82	209.82		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	209.82	209.82		

COUNTY: 211 SULLIVAN

28-42	484	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	90.26	90.26		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	90.26	90.26		
28-42	987	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	283.67	.00	283.39	2	6.9
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	283.67	.00	283.39		

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)
(INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

290 MISSOURI

TABLE C-1 ... UNDERGROUND BITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,
BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974
MILLION SHORT TONS

COUNTY: 211 SULLIVAN

THICK NESS	BED	≤ .4	RESERVES BY SULFUR RANGE, PERCENT								UNKNOWN	TOTAL	NO.OF ANAL	AVG S %	
			.5-.6	.7-.8	.9-1.0	1.1-1.4	1.5-1.8	1.9-2.2	2.3-2.6	2.7-3.0					> 3.0
COUNTY: TOTAL															
28-42		.00	.00	.00	.00	.00	.00	.00	.00	.00	283.67	90.26	373.65	2	
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	283.67	90.26	373.65		

COUNTY: 217 VERNON

28-42	513	.00	.00	.00	.00	.00	.00	.00	.00	.00	40.47	.00	40.47	1	5.3
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	40.47	.00	40.47		
28-42	545	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	26.90	26.90		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	26.90	26.90		

COUNTY: TOTAL

28-42		.00	.00	.00	.00	.00	.00	.00	.00	.00	40.47	26.90	67.37	1	
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	40.47	26.90	67.37		

COUNTY: 227 WORTH

28-42	545	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	19.35	19.35		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	19.35	19.35		

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)
(INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

290 MISSOURI

TABLE C-1 ... UNDERGROUND BITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,
BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974
MILLION SHORT TONS

COUNTY: 227 WORTH

THICK NESS	BED	RESERVES BY SULFUR RANGE, PERCENT										TOTAL	NO.OF ANAL	AVG S %
		≤ .4	.5-.6	.7-.8	.9-1.0	1.1-1.4	1.5-1.8	1.9-2.2	2.3-2.6	2.7-3.0	> 3.0				UNKNOWN

COUNTY: TOTAL

28-42	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	19.35	19.35
> 42	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
TOTAL	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	19.35	19.35

STATE TOTAL

28-42	.00	.00	.00	.00	2.74	4.94	9.29	30.73	67.21	2751.99	1745.70	4612.59	557
> 42	.00	.00	.00	.00	1.18	3.02	3.88	4.96	6.15	838.22	604.77	1461.05	
TOTAL	.00	.00	.00	.00	3.92	7.96	13.17	35.69	73.36	3590.21	2350.47	6073.64	

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)
(INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

300 MONTANA

TABLE C-1 ... UNDERGROUND BITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,
BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974
MILLION SHORT TONS

COUNTY: 007 BROADWATER

THICKNESS	BED	RESERVES BY SULFUR RANGE, PERCENT											TOTAL	NO. OF ANAL	AVG S %		
		≤ .4	.5-.6	.7-.8	.9-1.0	1.1-1.4	1.5-1.8	1.9-2.2	2.3-2.6	2.7-3.0	> 3.0	UNKNOWN					
28-42	799	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	5.65	.00	5.66	6	7.9
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	5.65	.00	5.66		

COUNTY: TOTAL

28-42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	5.65	.00	5.66	6	
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	5.65	.00	5.66		

COUNTY: 009 CARBON

28-42	799	.00	.00	7.12	13.79	48.97	36.08	7.12	.00	.00	.00	.00	.00	113.11	6	1.4
> 42		.00	.00	39.18	75.88	269.31	198.40	39.18	.00	.00	.00	.00	.00	621.97		
TOTAL		.00	.00	46.30	89.67	318.28	234.48	46.30	.00	.00	.00	.00	.00	735.08		

COUNTY: TOTAL

28-42		.00	.00	7.12	13.79	48.97	36.08	7.12	.00	.00	.00	.00	.00	113.11	6	
> 42		.00	.00	39.18	75.88	269.31	198.40	39.18	.00	.00	.00	.00	.00	621.97		
TOTAL		.00	.00	46.30	89.67	318.28	234.48	46.30	.00	.00	.00	.00	.00	735.08		

COUNTY: 013 CASCADE

28-42	799	.00	.00	.00	.00	.00	1.12	3.73	6.72	10.53	52.43	.00	.00	74.70	32	3.4
> 42		.00	.00	.00	.00	.00	3.51	11.70	21.07	33.01	164.35	.00	.00	234.12		
TOTAL		.00	.00	.00	.00	.00	4.63	15.43	27.79	43.54	216.78	.00	.00	308.82		

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)
(INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

300 MONTANA

TABLE C-1 ... UNDERGROUND BITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,
BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974
MILLION SHORT TONS

COUNTY: 013 CASCADE

THICK NESS	BED	RESERVES BY SULFUR RANGE, PERCENT										UNKNOWN	TOTAL	NO.OF ANAL	AVG S %	
		≤ .4	.5-.6	.7-.8	.9-1.0	1.1-1.4	1.5-1.8	1.9-2.2	2.3-2.6	2.7-3.0	> 3.0					
COUNTY: TOTAL																
28-42		.00	.00	.00	.00	.00	1.12	3.73	6.72	10.53	52.43	.00	74.70	32		
> 42		.00	.00	.00	.00	.00	3.51	11.70	21.07	33.01	164.35	.00	234.12			
TOTAL		.00	.00	.00	.00	.00	4.63	15.43	27.79	43.54	216.78	.00	308.82			

COUNTY: 027 FERGUS

28-42	799	.00	.00	1.58	1.75	3.83	4.25	4.75	5.08	5.41	56.86	.00	83.38	30	3.8	
> 42		.00	.00	2.40	2.66	5.83	6.46	7.22	7.73	8.23	86.44	.00	126.75			
TOTAL		.00	.00	3.98	4.41	9.66	10.71	11.97	12.81	13.64	143.30	.00	210.13			

COUNTY: TOTAL

28-42		.00	.00	1.58	1.75	3.83	4.25	4.75	5.08	5.41	56.86	.00	83.38	30		
> 42		.00	.00	2.40	2.66	5.83	6.46	7.22	7.73	8.23	86.44	.00	126.75			
TOTAL		.00	.00	3.98	4.41	9.66	10.71	11.97	12.81	13.64	143.30	.00	210.13			

COUNTY: 035 GLACIER

28-42	799	.00	.00	1.56	2.77	8.24	5.43	1.09	.00	.00	.00	.00	19.14	4	1.2	
> 42		.00	.00	.51	.91	2.71	1.78	.35	.00	.00	.00	.00	6.30			
TOTAL		.00	.00	2.07	3.68	10.95	7.21	1.44	.00	.00	.00	.00	25.44			

COUNTY: TOTAL

28-42		.00	.00	1.56	2.77	8.24	5.43	1.09	.00	.00	.00	.00	19.14	4		
> 42		.00	.00	.51	.91	2.71	1.78	.35	.00	.00	.00	.00	6.30			
TOTAL		.00	.00	2.07	3.68	10.95	7.21	1.44	.00	.00	.00	.00	25.44			

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)
(INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

300 MONTANA

TABLE C-1 ... UNDERGROUND BITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,
BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974
MILLION SHORT TONS

COUNTY: 045 JUDITH BASIN

THICK NESS	BED	RESERVES BY SULFUR RANGE, PERCENT										UNKNOWN	TOTAL	NO. OF ANAL	AVG S %	
		≤ .4	.5-.6	.7-.8	.9-1.0	1.1-1.4	1.5-1.8	1.9-2.2	2.3-2.6	2.7-3.0	> 3.0					
28-42	799	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	45.65	.00	45.65	5	4.7
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	44.77	.00	44.77		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	90.42	.00	90.42		

COUNTY: TOTAL

28-42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	45.65	.00	45.65	5	
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	44.77	.00	44.77		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	90.42	.00	90.42		

COUNTY: 059 MEAGHER

28-42	799	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	2	.5
> 42		.26	.26	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.53		
TOTAL		.26	.26	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.53		

COUNTY: TOTAL

28-42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	2	
> 42		.26	.26	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.53		
TOTAL		.26	.26	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.53		

COUNTY: 095 STILLWATER

28-42	799	.00	1.28	2.28	1.77	.70	.00	.00	.00	.00	.00	.00	.00	6.05	3	.7
> 42		.00	.40	.71	.55	.22	.00	.00	.00	.00	.00	.00	.00	1.89		
TOTAL		.00	1.68	2.99	2.32	.92	.00	.00	.00	.00	.00	.00	.00	7.94		

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)
(INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

300 MONTANA

TABLE C-1 ... UNDERGROUND BITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,
 SED. THICKNESS AND SULFUR RANGE - JANUARY 1, 1974
 MILLION SHORT TONS

COUNTY: 095 STILLWATER

THICK NESS	SED	RESERVES BY SULFUR RANGE, PERCENT										TOTAL	NO. OF ANAL	AVG S %	
		≤ .4	.5-.6	.7-.8	.9-1.0	1.1-1.4	1.5-1.8	1.9-2.2	2.3-2.6	2.7-3.0	> 3.0				UNKNOWN
COUNTY:	TOTAL														
24-42		.00	1.28	2.28	1.77	.70	.00	.00	.00	.00	.00	.00	6.05	3	
> 42		.00	.40	.71	.55	.22	.00	.00	.00	.00	.00	.00	1.89		
TOTAL		.00	1.68	2.99	2.32	.92	.00	.00	.00	.00	.00	.00	7.94		

STATE TOTAL

24-42	.00	1.28	12.54	20.03	61.74	46.23	16.69	11.80	15.94	160.59	.00	347.69	88
> 42	.26	.66	42.80	80.00	278.07	210.15	58.45	28.80	41.24	295.56	.00	1036.33	
TOTAL	.26	1.94	55.34	100.03	339.81	257.03	75.14	40.60	57.18	456.15	.00	1384.02	

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)
 (INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

350 NEW MEXICO

TABLE C-1 ... UNDERGROUND BITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,
 BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974
 MILLION SHORT TONS

COUNTY: 007 COLFAX

THICKNESS	BED	RESERVES BY SULFUR RANGE, PERCENT										UNKNOWN	TOTAL	NO. OF ANAL	AVG S %	
		≤ .4	.5-.6	.7-.8	.9-1.0	1.1-1.4	1.5-1.8	1.9-2.2	2.3-2.6	2.7-3.0	> 3.0					
28-42	799	.00	294.21	137.18	.00	.00	.00	.00	.00	.00	.00	.00	.00	431.40	16	.6
> 42		.00	647.62	301.97	.00	.00	.00	.00	.00	.00	.00	.00	.00	949.60		
TOTAL		.00	941.83	439.15	.00	.00	.00	.00	.00	.00	.00	.00	.00	1381.00		

COUNTY: TOTAL

28-42		.00	294.21	137.18	.00	.00	.00	.00	.00	.00	.00	.00	.00	431.40	16	
> 42		.00	647.62	301.97	.00	.00	.00	.00	.00	.00	.00	.00	.00	949.60		
TOTAL		.00	941.83	439.15	.00	.00	.00	.00	.00	.00	.00	.00	.00	1381.00		

COUNTY: 027 LINCOLN

28-42	799	.00	2.85	2.85	.00	.00	.00	.00	.00	.00	.00	.00	.00	5.70	2	.7
> 42		.00	.60	.60	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.20		
TOTAL		.00	3.45	3.45	.00	.00	.00	.00	.00	.00	.00	.00	.00	6.90		

COUNTY: TOTAL

28-42		.00	2.85	2.85	.00	.00	.00	.00	.00	.00	.00	.00	.00	5.70	2	
> 42		.00	.60	.60	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.20		
TOTAL		.00	3.45	3.45	.00	.00	.00	.00	.00	.00	.00	.00	.00	6.90		

COUNTY: 039 RIO ARRIBA

28-42	799	.00	.24	.28	.31	.69	.71	.62	.48	.34	.48	.00	4.20	118	1.3
> 42		.00	.01	.02	.02	.04	.05	.04	.03	.02	.03	.00	.30		
TOTAL		.00	.25	.30	.33	.73	.76	.66	.51	.36	.51	.00	4.50		

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)
 (INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

350 NEW MEXICO

TABLE C-1 ... UNDERGROUND BITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,
BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974
MILLION SHORT TONS

COUNTY: 039 RIO ARRIBA

THICK NESS	BED	RESERVES BY SULFUR RANGE, PERCENT										TOTAL	NO.OF ANAL	AVG S %	
		≤ .4	.5-.6	.7-.8	.9-1.0	1.1-1.4	1.5-1.8	1.9-2.2	2.3-2.6	2.7-3.0	> 3.0				UNKNOWN
COUNTY: TOTAL															
28-42		.00	.24	.28	.31	.69	.71	.62	.48	.34	.48	.00	4.20	118	
> 42		.00	.01	.02	.02	.04	.05	.04	.03	.02	.03	.00	.30		
TOTAL		.00	.25	.30	.33	.73	.76	.66	.51	.36	.51	.00	4.50		

COUNTY: 043 SANDOVAL

28-42	799	.00	.00	.14	.24	.88	1.13	.73	.29	.05	.00	.00	3.50	21	1.5
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		.00	.00	.14	.24	.88	1.13	.73	.29	.05	.00	.00	3.50		

COUNTY: TOTAL

28-42		.00	.00	.14	.24	.88	1.13	.73	.29	.05	.00	.00	3.50	21	
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		.00	.00	.14	.24	.88	1.13	.73	.29	.05	.00	.00	3.50		

COUNTY: 045 SAN JUAN

28-42	799	.00	4.97	8.44	8.63	7.59	.88	.00	.00	.00	.00	.00	30.50	49	.8
> 42		.00	10.46	17.72	14.16	15.98	1.86	.00	.00	.00	.00	.00	64.20		
TOTAL		.00	15.43	26.22	22.79	23.57	2.74	.00	.00	.00	.00	.00	94.70		

COUNTY: TOTAL

28-42		.00	4.97	8.44	8.63	7.59	.88	.00	.00	.00	.00	.00	30.50	49	
> 42		.00	10.46	17.72	14.16	15.98	1.86	.00	.00	.00	.00	.00	64.20		
TOTAL		.00	15.43	26.22	22.79	23.57	2.74	.00	.00	.00	.00	.00	94.70		

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)
(INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

350 NEW MEXICO

TABLE C-1 ... UNDERGROUND BITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,
BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974
MILLION SHORT TONS

COUNTY: 049 SANTA FE

THICK NESS	BED	RESERVES BY SULFUR RANGE, PERCENT											TOTAL	NO.OF ANAL	AVG S %	
		≤ .4	.5-.6	.7-.8	.9-1.0	1.1-1.4	1.5-1.8	1.9-2.2	2.3-2.6	2.7-3.0	> 3.0	UNKNOWN				
28-42	799	.00	.00	.00	4.94	3.11	.00	.00	.00	.00	.00	.00	.00	8.10	3	1.0
> 42		.00	.00	.00	.61	.38	.00	.00	.00	.00	.00	.00	.00	1.00		
TOTAL		.00	.00	.00	5.59	3.49	.00	.00	.00	.00	.00	.00	.00	9.10		

COUNTY: TOTAL

28-42		.00	.00	.00	4.94	3.11	.00	.00	.00	.00	.00	.00	.00	8.10	3	
> 42		.00	.00	.00	.61	.38	.00	.00	.00	.00	.00	.00	.00	1.00		
TOTAL		.00	.00	.00	5.59	3.49	.00	.00	.00	.00	.00	.00	.00	9.10		

COUNTY: 053 SOCORRO

28-42	799	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	2.70	2.70		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	24.80	24.80		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	27.50	27.50		

COUNTY: TOTAL

28-42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	2.70	2.70		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	24.80	24.80		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	27.50	27.50		

STATE TOTAL

28-42		.00	302.27	148.84	14.16	12.27	2.72	1.35	.77	.39	.48	2.70	486.10	209	
> 42		.00	65.69	320.37	18.79	16.40	1.91	.04	.03	.02	.03	24.80	1041.10		
TOTAL		.00	968.96	469.26	32.95	28.67	4.63	1.39	.80	.41	.51	27.50	1527.20		

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)
(INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

400 OKLAHOMA

TABLE C-1 ... UNDERGROUND BITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,
BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974
MILLION SHORT TONS

COUNTY: 005 ATOKA

THICK NESS	4FD	RESERVES BY SULFUR RANGE, PERCENT										UNKNOW	TOTAL	NO. OF ANAL	AVG S %	
		≤ .4	.5-.6	.7-.8	.9-1.0	1.1-1.4	1.5-1.8	1.9-2.2	2.3-2.6	2.7-3.0	> 3.0					
28-42	563	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	3.26	3.26		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	3.26	3.26		

COUNTY: TOTAL

28-42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	3.26	3.26		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	3.26	3.26		

COUNTY: 029 COAL

28-42	554	.00	.00	.00	.00	.00	.02	.08	.18	.41	7.34	.00	8.05	79	4.0
> 42		.00	.00	.00	.00	.00	.08	.28	.66	1.49	26.29	.00	28.80		
TOTAL		.00	.00	.00	.00	.00	.10	.36	.84	1.90	33.63	.00	36.85		

COUNTY: TOTAL

28-42		.00	.00	.00	.00	.00	.02	.08	.18	.41	7.34	.00	8.05	79	
> 42		.00	.00	.00	.00	.00	.08	.28	.66	1.49	26.29	.00	28.80		
TOTAL		.00	.00	.00	.00	.00	.10	.36	.84	1.90	33.63	.00	36.85		

COUNTY: 035 CRAIG

28-42	799	.00	.00	.00	.00	.00	.00	.00	.00	.00	49.85	.00	49.85	36	3.6
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	106.49	.00	106.49		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	156.34	.00	156.34		

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)
(INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

400 OKLAHOMA

TABLE C-1 ... UNDERGROUND BITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,
BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974
MILLION SHORT TONS

COUNTY: 035 CRAIG

THICK NESS	BED	RESERVES BY SULFUR RANGE, PERCENT										TOTAL	NO.OF ANAL	AVG S %	
		≤ .4	.5-.6	.7-.8	.9-1.0	1.1-1.4	1.5-1.8	1.9-2.2	2.3-2.6	2.7-3.0	> 3.0				UNKNOWN
COUNTY: TOTAL															
28-42		.00	.00	.00	.00	.00	.00	.00	.00	.00	49.85	.00	49.85	36	
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	106.49	.00	106.49		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	156.34	.00	156.34		

COUNTY: 061 HASKELL

28-42	880	.00	.00	17.19	9.17	.00	.00	.00	.00	.00	.00	.00	26.37	7	.8
> 42		.00	.00	37.64	20.09	.00	.00	.00	.00	.00	.00	.00	57.74		
TOTAL		.00	.00	54.83	29.26	.00	.00	.00	.00	.00	.00	.00	84.11		

COUNTY: TOTAL

28-42		.00	.00	17.19	9.17	.00	.00	.00	.00	.00	.00	.00	26.37	7	
> 42		.00	.00	37.64	20.09	.00	.00	.00	.00	.00	.00	.00	57.74		
TOTAL		.00	.00	54.83	29.26	.00	.00	.00	.00	.00	.00	.00	84.11		

COUNTY: 077 LATIMER

28-42	556	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.33	.33		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.33	.33		
28-42	558	.00	.00	.00	.00	.00	.00	.00	2.35	3.26	.34	.00	5.97	98	2.6
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		.00	.00	.00	.00	.00	.00	.00	2.35	3.26	.34	.00	5.97		

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF POUNDING)
(INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

400 OKLAHOMA

TABLE C-1 ... UNDERGROUND BITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,
BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974
MILLION SHORT TONS

COUNTY: 077 LATIMER

THICK NESS	BED	RESERVES BY SULFUR RANGE, PERCENT											TOTAL	NO. OF ANAL	AVG S %	
		≤ .4	.5-.6	.7-.8	.9-1.0	1.1-1.4	1.5-1.8	1.9-2.2	2.3-2.6	2.7-3.0	> 3.0	UNKNOWN				
28-42	562	.00	.00	.00	.00	.21	.64	.00	.00	.00	.00	.00	.00	.86	212	1.5
> 42		.00	.00	.00	.05	3.15	9.46	.00	.00	.00	.00	.00	.00	12.67		
TOTAL		.00	.00	.00	.05	3.36	10.10	.00	.00	.00	.00	.00	.00	13.53		
28-42	563	.00	.00	.00	.00	.73	2.67	2.72	.76	.00	.00	.00	6.90	42	1.9	
> 42		.00	.00	.00	.00	3.88	14.04	14.33	4.02	.00	.00	.00	36.30			
TOTAL		.00	.00	.00	.00	4.61	16.71	17.05	4.78	.00	.00	.00	43.20			

COUNTY: TOTAL

28-42		.00	.00	.00	.00	.94	3.31	2.72	3.11	3.26	.34	.33	14.06	352	
> 42		.00	.00	.00	.05	7.03	23.50	14.33	4.02	.00	.00	.00	48.97		
TOTAL		.00	.00	.00	.05	7.97	26.81	17.05	7.13	3.26	.34	.33	63.03		

COUNTY: 079 LE FLORE

28-42	527	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	9.80	9.80		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	9.80	9.80		
28-42	562	.00	2.28	16.11	12.05	2.11	.00	.00	.00	.00	.00	.00	33.57	39	.7
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		.00	2.28	16.11	12.05	2.11	.00	.00	.00	.00	.00	.00	33.57		
28-42	880	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	111.04	111.04		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	115.25	115.25		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	226.29	226.29		

COUNTY: TOTAL

28-42		.00	2.28	16.11	12.05	2.11	.00	.00	.00	.00	.00	120.84	154.41	39	
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	115.25	115.25		
TOTAL		.00	2.28	16.11	12.05	2.11	.00	.00	.00	.00	.00	236.09	269.66		

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)
(INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

400 OKLAHOMA

TABLE C-1 ... UNDERGROUND BITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,
 BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974
 MILLION SHORT TONS

COUNTY: 107 OKFUSKEE

THICK NESS	BED	RESERVES BY SULFUR RANGE, PERCENT										UNKNOWN	TOTAL	NO. OF ANAL	AVG S %	
		< .4	.5-.6	.7-.8	.9-1.0	1.1-1.4	1.5-1.8	1.9-2.2	2.3-2.6	2.7-3.0	> 3.0					
28-42	496	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	2.31	2.31		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	2.31	2.31		

COUNTY: TOTAL

28-42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	2.31	2.31		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	2.31	2.31		

COUNTY: 111 OKMULGEE

28-42	496	.00	.00	.42	.74	5.82	21.48	40.53	26.67	8.04	2.01	.00	105.84	426	2.1
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		.00	.00	.42	.74	5.82	21.48	40.53	26.67	8.04	2.01	.00	105.84		

24-42	503	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.39	.39		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.39	.39		

COUNTY: TOTAL

28-42		.00	.00	.42	.74	5.82	21.48	40.53	26.67	8.04	2.01	.39	106.23	426	
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		.00	.00	.42	.74	5.82	21.48	40.53	26.67	8.04	2.01	.39	106.23		

COUNTY: 121 PITTSBURGH

28-42	527	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	21.93	21.93		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	21.93	21.93		

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)
 (INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

400 OKLAHOMA

TABLE C-1 ... UNDERGROUND BITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,
 THICKNESS AND SULFUR RANGE - JANUARY 1, 1974
 MILLION SHORT TONS

COUNTY: 121 PITTSBURG

THICK- NESS	REFD	RESERVES BY SULFUR RANGE, PERCENT											TOTAL	NO.OF ANAL	AVG S %	
		≤ .4	.5-.6	.7-.8	.9-1.0	1.1-1.4	1.5-1.8	1.9-2.2	2.3-2.6	2.7-3.0	> 3.0	UNKNOWN				
28-42	558	5.62	7.88	9.53	9.64	13.94	5.95	1.98	.60	.00	.00	.00	.00	55.12	44	.8
> 42		.85	1.19	1.44	1.46	2.11	.90	.30	.09	.00	.00	.00	.00	8.36		
TOTAL		6.47	9.07	10.97	11.10	16.05	6.85	2.28	.69	.00	.00	.00	.00	63.48		
28-42	562	.00	.00	.00	.00	2.00	3.60	.96	.00	.00	.00	.00	.00	6.57	6	1.6
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		.00	.00	.00	.00	2.00	3.60	.96	.00	.00	.00	.00	.00	6.57		
28-42	563	.00	.00	.00	.00	.00	.88	1.30	1.45	1.20	1.38	.00	.00	6.25	34	2.4
> 42		.00	.00	.00	.00	.00	5.69	8.38	9.34	7.70	8.90	.00	.00	40.11		
TOTAL		.00	.00	.00	.00	.00	6.57	9.68	10.79	8.90	10.28	.00	.00	46.36		

COUNTY: TOTAL

28-42	5.62	7.88	9.53	9.64	15.94	10.43	4.24	2.05	1.20	1.38	21.93	89.87	84
> 42	.85	1.19	1.44	1.46	2.11	6.59	8.68	9.43	7.70	8.90	.00	48.47	
TOTAL	6.47	9.07	10.97	11.10	18.05	17.02	12.92	11.48	8.90	10.28	21.93	138.34	

STATE TOTAL

28-42	5.62	11.16	43.25	31.70	24.81	35.24	47.57	32.01	12.91	60.92	149.06	454.41	1023
> 42	.85	1.19	39.04	21.60	9.14	30.17	23.29	14.11	9.19	141.68	115.25	405.72	
TOTAL	6.47	12.35	82.33	53.30	33.95	65.41	70.86	46.12	22.10	202.60	264.31	860.13	

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)
 (INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

490 UTAH

TABLE C-1 ... UNDERGROUND BITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,
BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974
MILLION SHORT TONS

COUNTY: 007 CARBON

THICK NESS	BED	RESERVES BY SULFUR RANGE, PERCENT											TOTAL	NO.OF ANAL	AVG S %	
		≤ .4	.5-.6	.7-.8	.9-1.0	1.1-1.4	1.5-1.8	1.9-2.2	2.3-2.6	2.7-3.0	> 3.0	UNKNOWN				
28-42	799	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	41	.6
> 42		86.63	369.54	310.51	.00	.00	.00	.00	.00	.00	.00	.00	.00	766.70		
TOTAL		86.63	369.54	310.51	.00	.00	.00	.00	.00	.00	.00	.00	.00	766.70		

COUNTY: TOTAL

28-42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	41	
> 42		86.63	369.54	310.51	.00	.00	.00	.00	.00	.00	.00	.00	.00	766.70		
TOTAL		86.63	369.54	310.51	.00	.00	.00	.00	.00	.00	.00	.00	.00	766.70		

COUNTY: 015 EMERY

28-42	260	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1	.8
> 42		.00	.00	71.73	.00	.00	.00	.00	.00	.00	.00	.00	.00	71.73		
TOTAL		.00	.00	71.73	.00	.00	.00	.00	.00	.00	.00	.00	.00	71.73		
28-42	799	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	49	.6
> 42		.57	4.18	.78	.00	.00	.00	.00	.00	.00	.00	.00	.00	5.54		
TOTAL		.57	4.18	.78	.00	.00	.00	.00	.00	.00	.00	.00	.00	5.54		

COUNTY: TOTAL

28-42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	50	
> 42		.57	4.18	72.51	.00	.00	.00	.00	.00	.00	.00	.00	.00	77.27		
TOTAL		.57	4.18	72.51	.00	.00	.00	.00	.00	.00	.00	.00	.00	77.27		

COUNTY: 017 GARFIELD

28-42	254	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	37.83	37.83		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	37.83	37.83		

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)
(INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

490 UTAH

TABLE C-1 ... UNDERGROUND BITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,
 BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974
 MILLION SHORT TONS

COUNTY: 017 GARFIELD

THICK NESS	BED	RESERVES BY SULFUR RANGE, PERCENT										TOTAL	NO.OF ANAL	AVG S %		
		≤ .4	.5-.6	.7-.8	.9-1.0	1.1-1.4	1.5-1.8	1.9-2.2	2.3-2.6	2.7-3.0	> 3.0				UNKNOWN	
28-42	255	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	11	1.0
> 42		.00	17.29	31.07	40.52	56.53	14.89	.00	.00	.00	.00	.00	.00	160.16		
TOTAL		.00	17.29	31.07	40.52	56.53	14.89	.00	.00	.00	.00	.00	160.16			
28-42	256	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	4.41	4.41	4.41		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	4.41	4.41	4.41		
28-42	257	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1	1.4
> 42		.00	.00	.00	.00	279.64	.00	.00	.00	.00	.00	.00	279.64	279.64		
TOTAL		.00	.00	.00	.00	279.64	.00	.00	.00	.00	.00	.00	279.64	279.64		
28-42	261	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	9	1.0
> 42		.00	36.74	63.90	87.46	153.36	57.91	.00	.00	.00	.00	.00	399.40	399.40		
TOTAL		.00	36.74	63.90	87.46	153.36	57.91	.00	.00	.00	.00	.00	399.40	399.40		
28-42	262	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	2	3.0
> 42		.00	.00	.00	.00	.00	.00	.00	.46	2.27	1.44	.00	4.18	4.18		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.46	2.27	1.44	.00	4.18	4.18		
28-42	263	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	4	1.0
> 42		.00	.00	22.54	34.65	53.47	9.23	.00	.00	.00	.00	.00	119.91	119.91		
TOTAL		.00	.00	22.54	34.65	53.47	9.23	.00	.00	.00	.00	.00	119.91	119.91		
28-42	799	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	11	.9
> 42		.00	.53	1.28	1.83	1.83	.18	.00	.00	.00	.00	.00	5.67	5.67		
TOTAL		.00	.53	1.28	1.83	1.83	.18	.00	.00	.00	.00	.00	5.67	5.67		
COUNTY: TOTAL																
28-42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	38	
> 42		.00	54.56	118.79	164.46	544.83	82.21	.00	.46	2.27	1.44	42.24	1011.20	1011.20		
TOTAL		.00	54.56	118.79	164.46	544.83	82.21	.00	.46	2.27	1.44	42.24	1011.20	1011.20		

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)
 (INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

490 UTAH

TABLE C-1 ... UNDERGROUND BITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,
BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974
MILLION SHORT TONS

COUNTY: 021 IRON

THICK NESS	BED	RESERVES BY SULFUR RANGE, PERCENT											TOTAL	NO.OF ANAL	AVG S %		
		≤ .4	.5-.6	.7-.8	.9-1.0	1.1-1.4	1.5-1.8	1.9-2.2	2.3-2.6	2.7-3.0	> 3.0	UNKNOWN					
28-42	268	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	50	6.5
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	5.38	.00	5.40			
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	5.38	.00	5.40			

COUNTY: TOTAL

28-42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	50	
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	5.38	.00	5.40			
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	5.38	.00	5.40			

COUNTY: 025 KANE

28-42	253	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	8	1.3
> 42		.00	.00	25.48	33.97	49.19	89.19	59.46	30.05	.00	.00	.00	.00	326.72			
TOTAL		.00	.00	25.48	33.97	49.19	89.19	59.46	30.05	.00	.00	.00	.00	326.72			
28-42	254	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1	.5
> 42		.00	237.52	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	237.52			
TOTAL		.00	237.52	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	237.52			
28-42	255	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	2	1.1
> 42		.00	.00	.00	97.51	97.51	.00	.00	.00	.00	.00	.00	.00	195.03			
TOTAL		.00	.00	.00	97.51	97.51	.00	.00	.00	.00	.00	.00	.00	195.03			
28-42	256	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	4	1.1
> 42		.00	8.94	15.57	21.47	37.23	8.94	.00	.00	.00	.00	.00	.00	92.17			
TOTAL		.00	8.94	15.57	21.47	37.23	8.94	.00	.00	.00	.00	.00	.00	92.17			
28-42	257	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	6	1.1
> 42		.00	50.43	93.58	140.65	275.70	.00	.00	.00	.00	.00	.00	.00	560.37			
TOTAL		.00	50.43	93.58	140.65	275.70	.00	.00	.00	.00	.00	.00	.00	560.37			

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)
(INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

490 UTAH

TABLE C-1 ... UNDERGROUND BITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,
 BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974
 MILLION SHORT TONS

COUNTY: 025 KANE

THICK NESS	RED	RESERVES BY SULFUR RANGE, PERCENT										UNKNOWN	TOTAL	NO. OF ANAL	AVG S %	
		≤ .4	.5-.6	.7-.8	.9-1.0	1.1-1.4	1.5-1.8	1.9-2.2	2.3-2.6	2.7-3.0	> 3.0					
28-42	260	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1	.9
> 42		.00	.00	.00	3.97	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		.00	.00	.00	3.97	.00	.00	.00	.00	.00	.00	.00	.00			
28-42	265	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	10.28	10.28		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	10.28	10.28		
28-42	266	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1	1.5
> 42		.00	.00	.00	.00	.00	23.00	.00	.00	.00	.00	.00	.00	23.00		
TOTAL		.00	.00	.00	.00	.00	23.00	.00	.00	.00	.00	.00	.00	23.00		
28-42	268	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	226.49	226.49		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	226.49	226.49		
28-42	270	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	38.95	38.95		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	38.95	38.95		

COUNTY: TOTAL

28-42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	23	
> 42		.00	296.89	134.63	297.57	499.63	121.13	59.46	30.05	.00	.00	.00	275.72	1714.50		
TOTAL		.00	296.89	134.63	297.57	499.63	121.13	59.46	30.05	.00	.00	.00	275.72	1714.50		

COUNTY: 041 SEVIER

28-42	260	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	142.36	142.36		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	142.36	142.36		

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)
 (INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

490 UTAH

TABLE C-1 ... UNDERGROUND BITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,
BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974
MILLION SHORT TONS

COUNTY: 041 SEVIER

THICK NESS	BED	RESERVES BY SULFUR RANGE, PERCENT										TOTAL	NO.OF ANAL	AVG S %	
		≤ .4	.5-.6	.7-.8	.9-1.0	1.1-1.4	1.5-1.8	1.9-2.2	2.3-2.6	2.7-3.0	> 3.0				UNKNOWN
COUNTY: TOTAL															
28-42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	142.36	142.36	
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	142.36	142.36	

COUNTY: 047 Uintah

28-42	252	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	22	1.7
> 42		.00	1.04	1.69	2.65	9.10	12.16	9.18	4.39	.00	.00	.00	.00	40.28		
TOTAL		.00	1.04	1.69	2.65	9.10	12.16	9.18	4.39	.00	.00	.00	.00	40.28		

COUNTY: TOTAL

28-42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	22	
> 42		.00	1.04	1.69	2.65	9.10	12.16	9.18	4.39	.00	.00	.00	.00	40.28		
TOTAL		.00	1.04	1.69	2.65	9.10	12.16	9.18	4.39	.00	.00	.00	.00	40.28		

COUNTY: 055 WAYNE

28-42	262	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1	2.6
> 42		.00	.00	.00	.00	.00	.00	.00	22.75	.00	.00	.00	.00	22.75		
TOTAL		.00	.00	.00	.00	.00	.00	.00	22.75	.00	.00	.00	.00	22.75		

COUNTY: TOTAL

28-42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1	
> 42		.00	.00	.00	.00	.00	.00	.00	22.75	.00	.00	.00	.00	22.75		
TOTAL		.00	.00	.00	.00	.00	.00	.00	22.75	.00	.00	.00	.00	22.75		

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)
(INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

490 UTAH

TABLE C-1 ... UNDERGROUND BITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,
BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974
MILLION SHORT TONS

THICK NESS	BED	RESERVES BY SULFUR RANGE, PERCENT										TOTAL	NO. OF ANAL	AVG S %	
		≤ .4	.5-.6	.7-.8	.9-1.0	1.1-1.4	1.5-1.8	1.9-2.2	2.3-2.6	2.7-3.0	> 3.0				UNKNOWN
STATE TOTAL															
28-42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	225
> 42		87.20	726.21	638.13	464.68	1053.56	215.50	68.64	57.65	2.28	6.82	460.32	3780.46		
TOTAL		87.20	726.21	638.13	464.68	1053.56	215.50	68.64	57.65	2.28	6.82	460.32	3780.46		

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)
(INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

530 WASHINGTON

TABLE C-1 ... UNDERGROUND BITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,
 BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974
 MILLION SHORT TONS

COUNTY: 033 KING

THICK NESS	BED	RESERVES BY SULFUR RANGE, PERCENT											TOTAL	NO. OF ANAL	AVG S %	
		≤ .4	.5-.6	.7-.8	.9-1.0	1.1-1.4	1.5-1.8	1.9-2.2	2.3-2.6	2.7-3.0	> 3.0	UNKNOWN				
28-42	403	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	15	.9
> 42		.08	.06	.07	.07	.14	.09	.05	.02	.00	.00	.00	.00	.62		
TOTAL		.08	.06	.07	.07	.14	.09	.05	.02	.00	.00	.00	.62			
28-42	404	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	13	.8
> 42		.09	.17	.26	.29	.40	.12	.01	.00	.00	.00	.00	1.37			
TOTAL		.09	.17	.26	.29	.40	.12	.01	.00	.00	.00	.00	1.37			
28-42	405	.00	.08	.13	.16	.32	.16	.05	.01	.00	.00	.00	.95	14	.9	
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00			
TOTAL		.00	.08	.13	.16	.32	.16	.05	.01	.00	.00	.00	.95			
28-42	406	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	12	.8	
> 42		.15	.25	.33	.31	.34	.06	.00	.00	.00	.00	.00	1.46			
TOTAL		.15	.25	.33	.31	.34	.06	.00	.00	.00	.00	.00	1.46			
28-42	407	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	5	.6	
> 42		.00	.36	.37	.13	.00	.00	.00	.00	.00	.00	.00	.88			
TOTAL		.00	.36	.37	.13	.00	.00	.00	.00	.00	.00	.00	.88			
28-42	419	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00			
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.47	.47			
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.47	.47			
28-42	426	.00	.64	1.48	.64	.00	.00	.00	.00	.00	.00	.00	2.78	4	.7	
> 42		.00	.23	.53	.23	.00	.00	.00	.00	.00	.00	.00	1.00			
TOTAL		.00	.87	2.01	.87	.00	.00	.00	.00	.00	.00	.00	3.78			
28-42	430	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	5	.6	
> 42		.86	1.57	1.56	.84	.32	.00	.00	.00	.00	.00	.00	5.17			
TOTAL		.86	1.57	1.56	.84	.32	.00	.00	.00	.00	.00	.00	5.17			
28-42	436	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.22	.22			
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00			
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.22	.22			

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)
 (INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

530 WASHINGTON

TABLE C-1 ... UNDERGROUND BITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,
BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974
MILLION SHORT TONS

COUNTY: 033 KING

THICK NESS	BED	RESERVES BY SULFUR RANGE, PERCENT										UNKNOWN	TOTAL	NO.OF ANAL	AVG S %	
		≤ .4	.5-.6	.7-.8	.9-1.0	1.1-1.4	1.5-1.8	1.9-2.2	2.3-2.6	2.7-3.0	> 3.0					
28-42	437	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.72	.72		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.72	.72		
28-42	440	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	3	.4
> 42		.94	.59	.28	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.82		
TOTAL		.94	.59	.28	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.82		
28-42	441	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.47	.47		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.47	.47		
28-42	442	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1	.9
> 42		.00	.00	.00	.69	.00	.00	.00	.00	.00	.00	.00	.00	.69		
TOTAL		.00	.00	.00	.69	.00	.00	.00	.00	.00	.00	.00	.00	.69		
28-42	444	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.44	.44		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.44	.44		
28-42	445	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	2.68	2.68		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	2.68	2.68		
28-42	446	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.44	.44		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.44	.44		
28-42	449	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.93	.93		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.93	.93		
28-42	451	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.56	.56		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.56	.56		

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)
(INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

530 WASHINGTON

TABLE C-1 ... UNDERGROUND BITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,
BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974
MILLION SHORT TONS

COUNTY: 033 KING

THICK NESS	BED	RESERVES BY SULFUR RANGE, PERCENT										TOTAL	NO. OF ANAL	AVG S %		
		≤ .4	.5-.6	.7-.8	.9-1.0	1.1-1.4	1.5-1.8	1.9-2.2	2.3-2.6	2.7-3.0	> 3.0				UNKNOWN	
28-42	452	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	3	.5
> 42		.53	.74	.30	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.58		
TOTAL		.53	.74	.30	.00	.00	.00	.00	.00	.00	.00	.00	1.58			
28-42	453	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.40	1.40		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.40	1.40		
28-42	455	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.64	1.64		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.64	1.64		
28-42	457	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	7	.7
> 42		.40	1.04	.92	.31	.00	.00	.00	.00	.00	.00	.00	.00	2.68		
TOTAL		.40	1.04	.92	.31	.00	.00	.00	.00	.00	.00	.00	2.68			
28-42	458	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.57	1.57		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.57	1.57		
28-42	459	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	2	.5
> 42		1.75	1.75	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	3.50		
TOTAL		1.75	1.75	.00	.00	.00	.00	.00	.00	.00	.00	.00	3.50			
28-42	799	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	144	.7
> 42		.04	.07	.07	.04	.03	.00	.00	.00	.00	.00	.00	.00	.27		
TOTAL		.04	.07	.07	.04	.03	.00	.00	.00	.00	.00	.00	.27			
28-42	821	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1	.9
> 42		.00	.00	.00	1.06	.00	.00	.00	.00	.00	.00	.00	.00	1.06		
TOTAL		.00	.00	.00	1.06	.00	.00	.00	.00	.00	.00	.00	1.06			
28-42	828	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	109	.8
> 42		.00	.48	6.04	.43	.00	.00	.00	.00	.00	.00	.00	.00	6.97		
TOTAL		.00	.48	6.04	.43	.00	.00	.00	.00	.00	.00	.00	6.97			

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)
(INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

530 WASHINGTON

TABLE C-1 ... UNDERGROUND BITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,
BED THICKNESS AND SULFUR RANGE - JANUARY 1, 1974
MILLION SHORT TONS

COUNTY: 033 KING

THICK NESS	RED	RESERVES BY SULFUR RANGE, PERCENT										TOTAL	NO.OF ANAL	AVG S %	
		≤ .4	.5-.6	.7-.8	.9-1.0	1.1-1.4	1.5-1.8	1.9-2.2	2.3-2.6	2.7-3.0	> 3.0				UNKNOWN
COUNTY: TOTAL															
28-42		.00	.77	1.61	.80	.32	.16	.05	.01	.00	.00	2.03	5.76	338	
> 42		4.84	7.31	10.73	4.40	1.23	.27	.06	.02	.00	.00	9.51	38.58		
TOTAL		4.84	8.03	12.34	5.20	1.55	.43	.11	.03	.00	.00	11.54	44.34		

COUNTY: 037 KITTITAS

28-42	821	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	6	.4
> 42		42.29	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	42.29		
TOTAL		42.29	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	42.29		
28-42	823	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	200	.4
> 42		10.29	1.20	.00	.00	.00	.00	.00	.00	.00	.00	.00	11.50		
TOTAL		10.29	1.20	.00	.00	.00	.00	.00	.00	.00	.00	.00	11.50		
28-42	824	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	8.75	8.75		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	8.75	8.75		
28-42	833	1.85	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.85	4	.4
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		1.85	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.85		

COUNTY: TOTAL

28-42		1.85	.00	.00	.00	.00	.00	.00	.00	.00	.00	8.75	10.60	210	
> 42		52.58	1.20	.00	.00	.00	.00	.00	.00	.00	.00	.00	53.79		
TOTAL		54.43	1.20	.00	.00	.00	.00	.00	.00	.00	.00	8.75	64.39		

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)
(INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

530 WASHINGTON

TABLE C-1 ... UNDERGROUND BITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,
 BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974
 MILLION SHORT TONS

COUNTY: 041 LEWIS

THICK NESS	BED	RESERVES BY SULFUR RANGE, PERCENT											TOTAL	NO.OF ANAL	AVG S %		
		≤ .4	.5-.6	.7-.8	.9-1.0	1.1-1.4	1.5-1.8	1.9-2.2	2.3-2.6	2.7-3.0	> 3.0	UNKNOWN					
28-42	499	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	2	1.3
> 42		.00	.00	.00	.00	1.79	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.79	
TOTAL		.00	.00	.00	.00	1.79	.00	.00	.00	.00	.00	.00	.00	.00	1.79		
28-42	500	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	5	.6
> 42		.23	.65	.55	.16	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.61		
TOTAL		.23	.65	.55	.16	.00	.00	.00	.00	.00	.00	.00	.00	1.61			
28-42	501	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	2	1.0
> 42		.00	.00	.00	1.70	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.70		
TOTAL		.00	.00	.00	1.70	.00	.00	.00	.00	.00	.00	.00	.00	1.70			
28-42	799	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	118	1.1
> 42		.00	.20	.25	.28	.53	.34	.17	.07	.02	.01	.00	.00	1.92			
TOTAL		.00	.20	.25	.28	.53	.34	.17	.07	.02	.01	.00	.00	1.92			

COUNTY: TOTAL

28-42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	127	
> 42		.23	.85	.80	2.14	2.32	.34	.17	.07	.02	.01	.00	.00	7.02			
TOTAL		.23	.85	.80	2.14	2.32	.34	.17	.07	.02	.01	.00	.00	7.02			

COUNTY: 053 PIERCE

28-42	402	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	3	1.0
> 42		.00	.00	.05	.13	.09	.00	.00	.00	.00	.00	.00	.00	.00	.29		
TOTAL		.00	.00	.05	.13	.09	.00	.00	.00	.00	.00	.00	.00	.29			
28-42	403	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	10	.8
> 42		.14	.18	.21	.20	.30	.14	.05	.00	.00	.00	.00	.00	1.25			
TOTAL		.14	.18	.21	.20	.30	.14	.05	.00	.00	.00	.00	.00	1.25			

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)
 (INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

530 WASHINGTON

TABLE C-1 ... UNDERGROUND BITUMINOUS COAL RESERVE BASE BY STATE, COUNTY, BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974
MILLION SHORT TONS

COUNTY: 053 PIERCE

THICKNESS	BED	RESERVES BY SULFUR RANGE, PERCENT										UNKNOWN	TOTAL	NO. OF ANAL	AVG S %	
		≤ .4	.5-.6	.7-.8	.9-1.0	1.1-1.4	1.5-1.8	1.9-2.2	2.3-2.6	2.7-3.0	> 3.0					
28-42	404	.14	.15	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.36	11	.4
> 42		.02	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.04		
TOTAL		.21	.17	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.40		
28-42	405	.10	.23	.10	.00	.00	.00	.00	.00	.00	.00	.00	.00	.45	4	.6
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		.10	.23	.10	.00	.00	.00	.00	.00	.00	.00	.00	.00	.45		
28-42	406	.14	.14	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.38	2	.5
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		.14	.14	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.38		
28-42	407	.00	.47	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.47	1	.6
> 42		.00	1.17	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.17		
TOTAL		.00	1.64	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.64		
28-42	461	.00	.30	.38	.38	.62	.32	.00	.00	.00	.00	.00	.00	2.00	9	1.0
> 42		.00	.84	1.04	1.13	1.82	.94	.00	.00	.00	.00	.00	.00	5.87		
TOTAL		.00	1.14	1.44	1.51	2.44	1.26	.00	.00	.00	.00	.00	.00	7.87		
28-42	462	.11	.20	.35	.52	1.48	1.19	.52	.16	.03	.00	.00	.00	4.61	32	1.1
> 42		.03	.05	.04	.14	.40	.32	.14	.04	.00	.00	.00	.00	1.27		
TOTAL		.14	.25	.44	.67	1.88	1.51	.66	.20	.03	.00	.00	.00	5.88		
28-42	463	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	10	.4
> 42		7.04	5.41	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	12.51		
TOTAL		7.04	5.41	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	12.51		
28-42	464	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	9	.6
> 42		2.42	4.86	2.67	.65	.00	.00	.00	.00	.00	.00	.00	.00	10.63		
TOTAL		2.42	4.86	2.67	.65	.00	.00	.00	.00	.00	.00	.00	.00	10.63		
28-42	465	.05	.07	.09	.11	.31	.36	.33	.24	.15	.08	.00	.00	1.84	8	1.4
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		.05	.07	.09	.11	.31	.36	.33	.24	.15	.08	.00	.00	1.84		

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)
(INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

530 WASHINGTON

TABLE C-1 ... UNDERGROUND BITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,
BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974
MILLION SHORT TONS

COUNTY: 053 PIERCE

THICK NESS	BED	RESERVES BY SULFUR RANGE, PERCENT											TOTAL	NO.OF ANAL	AVG S %	
		≤ .4	.5-.6	.7-.8	.9-1.0	1.1-1.4	1.5-1.8	1.9-2.2	2.3-2.6	2.7-3.0	> 3.0	UNKNOWN				
28-42	466	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	5	.5
> 42		.93	1.48	.55	.00	.00	.00	.00	.00	.00	.00	.00	.00	3.03		
TOTAL		.93	1.48	.55	.00	.00	.00	.00	.00	.00	.00	.00	.00	3.03		
28-42	467	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1	.6
> 42		.00	3.06	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	3.06		
TOTAL		.00	3.06	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	3.06		
28-42	468	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	4	.5
> 42		.34	.73	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.08		
TOTAL		.34	.73	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.08		
28-42	469	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	4	.5
> 42		.00	2.05	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	2.05		
TOTAL		.00	2.05	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	2.05		
28-42	472	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.76	.76		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.76	.76		
28-42	474	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1	.5
> 42		.00	1.18	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.18		
TOTAL		.00	1.18	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.18		
28-42	478	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	2	.8
> 42		.00	.00	2.67	.00	.00	.00	.00	.00	.00	.00	.00	.00	2.67		
TOTAL		.00	.00	2.67	.00	.00	.00	.00	.00	.00	.00	.00	.00	2.67		
28-42	479	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1	.6
> 42		.00	2.88	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	2.88		
TOTAL		.00	2.88	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	2.88		
28-42	480	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	3	.4
> 42		2.77	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	2.77		
TOTAL		2.77	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	2.77		

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)
(INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

530 WASHINGTON

TABLE C-1 ... UNDERGROUND BITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,
BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974
MILLION SHORT TONS

COUNTY: 053 PIERCE

THICK NESS	BED	RESERVES BY SULFUR RANGE, PERCENT											TOTAL	NO. OF ANAL	AVG S %	
		≤ .4	.4-.6	.7-.8	.9-1.0	1.1-1.4	1.5-1.8	1.9-2.2	2.3-2.6	2.7-3.0	> 3.0	UNKNOWN				
28-42	481	.84	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.88	1	.4
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		.84	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.88		
28-42	482	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.93	.93		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.93	.93		
28-42	485	.00	.63	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.63	1	.5
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		.00	.63	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.63		

COUNTY: TOTAL

28-42	1.52	2.25	.90	1.02	2.41	1.87	.85	.40	.18	.08	1.69	13.31	122
> 42	13.79	22.95	7.32	2.25	2.61	1.40	.19	.04	.00	.00	.00	51.75	
TOTAL	15.31	25.20	8.22	3.27	5.02	3.27	1.04	.44	.18	.08	1.69	65.06	

COUNTY: 073 WHATCOM

28-42	393	.00	.00	.00	.00	2.87	.00	.00	.00	.00	.00	.00	2.87	1	1.1
> 42		.00	.00	.00	.00	2.85	.00	.00	.00	.00	.00	.00	2.85		
TOTAL		.00	.00	.00	.00	5.72	.00	.00	.00	.00	.00	.00	5.72		
28-42	394	.00	.00	.00	.00	7.13	.00	.00	.00	.00	.00	.00	7.13	1	1.2
> 42		.00	.00	.00	.00	9.67	.00	.00	.00	.00	.00	.00	9.67		
TOTAL		.00	.00	.00	.00	16.80	.00	.00	.00	.00	.00	.00	16.80		
28-42	799	.00	.00	.00	1.61	6.31	3.77	.53	.00	.00	.00	.00	12.26	5	1.2
> 42		.00	.00	.00	.21	.84	.50	.07	.00	.00	.00	.00	1.64		
TOTAL		.00	.00	.00	1.82	7.15	4.27	.60	.00	.00	.00	.00	13.90		

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)
(INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

530 WASHINGTON

TABLE C-1 ... UNDERGROUND BITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,
 BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974
 MILLION SHORT TONS

COUNTY: 073 WHATCOM

THICK NESS	BED	RESERVES BY SULFUR RANGE, PERCENT											TOTAL	NO.OF ANAL	AVG S %		
		≤ .4	.5-.6	.7-.8	.9-1.0	1.1-1.4	1.5-1.8	1.9-2.2	2.3-2.6	2.7-3.0	> 3.0	UNKNOWN					
28-42	R31	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	91	.3
> 42		33.96	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	33.96		
TOTAL		33.96	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	33.96			

COUNTY: TOTAL

28-42		.00	.00	.00	1.61	16.31	3.77	.53	.00	.00	.00	.00	.00	22.26	98	
> 42		33.96	.00	.00	.21	13.36	.50	.07	.00	.00	.00	.00	.00	48.12		
TOTAL		33.96	.00	.00	1.82	29.67	4.27	.60	.00	.00	.00	.00	.00	70.38		

STATE TOTAL

28-42		3.37	2.97	2.51	3.43	19.04	5.80	1.43	.41	.18	.08	12.47	51.93	895		
> 42		105.40	33.31	18.85	9.00	19.52	2.51	.49	.13	.02	.01	9.51	199.26			
TOTAL		108.77	36.28	21.36	12.43	38.56	8.31	1.92	.54	.20	.09	21.98	251.19			

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)
 (INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

560 WYOMING

TABLE C-1 ... UNDERGROUND BITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,
 BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974
 MILLION SHORT TONS

COUNTY: 007 CARBON

THICK NESS	BED	RESERVES BY SULFUR RANGE, PERCENT											TOTAL	NO.OF ANAL	AVG S %	
		≤ .4	.5-.6	.7-.8	.9-1.0	1.1-1.4	1.5-1.8	1.9-2.2	2.3-2.6	2.7-3.0	> 3.0	UNKNOWN				
28-42	799	.86	2.15	3.32	1.90	.73	.04	.00	.00	.00	.00	.00	.00	9.04	359	.8
> 42		2.89	7.18	11.10	6.36	2.44	.15	.00	.00	.00	.00	.00	.00	30.17		
TOTAL		3.75	9.33	14.42	8.26	3.17	.19	.00	.00	.00	.00	.00	.00	39.21		

COUNTY: TOTAL

28-42		.86	2.15	3.32	1.90	.73	.04	.00	.00	.00	.00	.00	.00	9.04	359	
> 42		2.89	7.18	11.10	6.36	2.44	.15	.00	.00	.00	.00	.00	.00	30.17		
TOTAL		3.75	9.33	14.42	8.26	3.17	.19	.00	.00	.00	.00	.00	.00	39.21		

COUNTY: 011 CROOK

28-42	799	.00	.00	.00	.00	.01	.01	.02	.02	.02	.43	.00	.56	22	5.2
> 42		.00	.00	.00	.00	.01	.01	.02	.02	.03	.45	.00	.59		
TOTAL		.00	.00	.00	.00	.02	.02	.04	.04	.05	.88	.00	1.15		

COUNTY: TOTAL

28-42		.00	.00	.00	.00	.01	.01	.02	.02	.02	.43	.00	.56	22	
> 42		.00	.00	.00	.00	.01	.01	.02	.02	.03	.45	.00	.59		
TOTAL		.00	.00	.00	.00	.02	.02	.04	.04	.05	.88	.00	1.15		

COUNTY: 023 LINCOLN

28-42	799	7.15	9.52	8.81	7.83	10.28	4.45	1.61	.34	.00	.00	.00	48.99	29	.7
> 42		74.00	89.20	91.24	81.10	106.44	46.12	16.72	3.54	.00	.00	.00	506.90		
TOTAL		81.15	96.72	100.05	88.93	116.72	50.57	18.33	3.88	.00	.00	.00	555.89		

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)
 (INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

560 WYOMING

TABLE C-1 ... UNDERGROUND BITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,
 BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974
 MILLION SHORT TONS

COUNTY: 023 LINCOLN

THICK NESS	BED	RESERVES BY SULFUR RANGE, PERCENT										UNKNOWN	TOTAL	NO.OF ANAL	AVG S %	
		≤ .4	.5-.6	.7-.8	.9-1.0	1.1-1.4	1.5-1.8	1.9-2.2	2.3-2.6	2.7-3.0	> 3.0					
COUNTY: TOTAL																
28-42		7.15	4.52	8.81	7.83	10.28	4.45	1.61	.34	.00	.00	.00	48.99	29		
> 42		74.00	89.20	91.24	81.10	106.44	46.12	16.72	3.54	.00	.00	.00	506.90			
TOTAL		81.15	93.72	100.05	88.93	116.72	50.57	18.33	3.88	.00	.00	.00	555.89			

COUNTY: 029 PARK

28-42	799	1.45	1.54	1.74	1.33	1.12	.00	.00	.00	.00	.00	.00	7.20	35	.7
> 42		.21	.22	.25	.19	.16	.00	.00	.00	.00	.00	.00	1.06		
TOTAL		1.66	1.76	1.99	1.52	1.28	.00	.00	.00	.00	.00	.00	8.26		

COUNTY: TOTAL

28-42		1.45	1.54	1.74	1.33	1.12	.00	.00	.00	.00	.00	.00	7.20	35	
> 42		.21	.22	.25	.19	.16	.00	.00	.00	.00	.00	.00	1.06		
TOTAL		1.66	1.76	1.99	1.52	1.28	.00	.00	.00	.00	.00	.00	8.26		

COUNTY: 037 SWEETWATER

28-42	799	35.44	36.92	39.13	40.61	82.71	81.97	78.27	70.15	61.29	211.94	.00	738.49	32	1.2
> 42		127.84	133.21	141.20	146.53	248.40	295.73	282.41	253.10	221.13	764.65	.00	2664.31		
TOTAL		163.22	170.13	180.33	187.14	331.11	377.70	360.68	323.25	282.42	976.59	.00	3402.80		

COUNTY: TOTAL

28-42		35.44	36.92	39.13	40.61	82.71	81.97	78.27	70.15	61.29	211.94	.00	738.49	32	
> 42		127.84	133.21	141.20	146.53	248.40	295.73	282.41	253.10	221.13	764.65	.00	2664.31		
TOTAL		163.22	170.13	180.33	187.14	331.11	377.70	360.68	323.25	282.42	976.59	.00	3402.80		

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)
 (INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

560 WYOMING

TABLE C-1 ... UNDERGROUND BITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,
 SED. THICKNESS AND SULFUR RANGE - JANUARY 1, 1974
 MILLION SHORT TONS

COUNTY: 041 UINTA

THICK NESS	9FD	RESERVES BY SULFUR RANGE, PERCENT										UNKNOWN	TOTAL	NO. OF ANAL	AVG S %
		≤ .4	.5-.6	.7-.8	.9-1.0	1.1-1.4	1.5-1.8	1.9-2.2	2.3-2.6	2.7-3.0	> 3.0				
28-42	799	1.19	.78	.90	1.03	2.34	2.44	2.20	1.75	1.24	2.02	.00	15.95	58	1.3
> 42		35.90	23.45	27.28	31.11	70.37	73.24	66.06	52.66	37.34	60.80	.00	478.75		
TOTAL		37.09	24.23	28.18	32.14	72.71	75.68	68.26	54.41	38.58	62.82	.00	494.70		

COUNTY: TOTAL

28-42		1.19	.78	.90	1.03	2.34	2.44	2.20	1.75	1.24	2.02	.00	15.95	58	
> 42		35.90	23.45	27.28	31.11	70.37	73.24	66.06	52.66	37.34	60.80	.00	478.75		
TOTAL		37.09	24.23	28.18	32.14	72.71	75.68	68.26	54.41	38.58	62.82	.00	494.70		

COUNTY: 045 WESTON

28-42	799	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	10.14	10.14		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	11.88	11.88		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	22.02	22.02		

COUNTY: TOTAL

28-42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	10.14	10.14		
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	11.88	11.88		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	22.02	22.02		

STATE TOTAL

28-42		46.09	49.91	53.90	52.70	97.19	88.91	82.10	72.26	62.55	214.39	10.14	830.37	535	
> 42		240.88	252.26	271.07	265.29	477.82	415.25	365.21	309.32	258.50	825.90	11.88	3693.66		
TOTAL		286.97	302.17	324.97	317.99	575.01	504.16	447.31	381.58	321.05	1040.29	22.02	4524.03		

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)

(INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

WESTERN U.S. TOTAL

TABLE C-1 ... UNDERGROUND BITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,
 BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974
 MILLION SHORT TONS

THICK VFSS	BED	RESERVES BY SULFUR RANGE, PERCENT										UNKNOWN	TOTAL	NO. OF ANAL	AVG S %
		≤ .4	.5-.6	.7-.8	.9-1.0	1.1-1.4	1.5-1.8	1.9-2.2	2.3-2.6	2.7-3.0	> 3.0				
28-42		114.05	636.72	416.98	189.40	299.74	256.40	215.59	188.38	191.15	3948.29	2943.16	9402.56	8765	
> 42		839.39	3402.67	2142.18	1103.93	2102.54	995.23	644.06	523.16	437.90	3519.51	5702.93	21415.09		
TOTAL		953.44	4039.39	2559.16	1293.33	2402.28	1251.63	859.65	711.54	629.05	7467.80	8646.09	30817.65		

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)

(INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

050 ARKANSAS

TABLE C-2 UNDERGROUND ANTHRACITE RESERVE BASE BY STATE, COUNTY,
 BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974
 MILLION SHORT TONS

COUNTY: 071 JOHNSON

THICK NESS	BED	RESERVES BY SULFUR RANGE, PERCENT											TOTAL	NO.OF ANAL	AVG S %
		≤ .4	.5-.6	.7-.8	.9-1.0	1.1-1.4	1.5-1.8	1.9-2.2	2.3-2.6	2.7-3.0	> 3.0	UNKNOWN			
28-42	563	.00	.00	.87	1.25	4.24	7.56	10.82	11.42	8.86	9.46	.00	54.40	82	2.4
> 42		.00	.00	.16	.23	.78	1.39	1.99	2.10	1.63	1.74	.00	10.00		
TOTAL		.00	.00	1.03	1.48	5.02	8.95	12.81	13.52	10.49	11.20	.00	64.40		

COUNTY: TOTAL

28-42		.00	.00	.87	1.25	4.24	7.56	10.82	11.42	8.86	9.46	.00	54.40	82	
> 42		.00	.00	.16	.23	.78	1.39	1.99	2.10	1.63	1.74	.00	10.00		
TOTAL		.00	.00	1.03	1.48	5.02	8.95	12.81	13.52	10.49	11.20	.00	64.40		

COUNTY: 083 LOGAN

28-42	563	.00	.00	.00	4.05	15.32	.00	.00	.00	.00	.00	.00	19.40	5	1.1
> 42		.00	.00	.00	1.63	6.16	.00	.00	.00	.00	.00	.00	7.80		
TOTAL		.00	.00	.00	5.68	21.48	.00	.00	.00	.00	.00	.00	27.20		

COUNTY: TOTAL

28-42		.00	.00	.00	4.05	15.32	.00	.00	.00	.00	.00	.00	19.40	5	
> 42		.00	.00	.00	1.63	6.16	.00	.00	.00	.00	.00	.00	7.80		
TOTAL		.00	.00	.00	5.68	21.48	.00	.00	.00	.00	.00	.00	27.20		

COUNTY: 115 POPE

28-42	563	.00	.00	.00	.00	.00	1.55	1.55	.00	.00	.00	.00	3.10	6	1.8
> 42		.00	.00	.00	.00	.00	.85	.85	.00	.00	.00	.00	1.70		
TOTAL		.00	.00	.00	.00	.00	2.40	2.40	.00	.00	.00	.00	4.80		

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)

(INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

050 ARKANSAS

TABLE C-2 UNDERGROUND ANTHRACITE RESERVE BASE BY STATE, COUNTY,
BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974
MILLION SHORT TONS

COUNTY: 115 POPE

THICK NESS	BED	RESERVES BY SULFUR RANGE, PERCENT										TOTAL	NO.OF ANAL	AVG S %	
		≤ .4	.5-.6	.7-.8	.9-1.0	1.1-1.4	1.5-1.8	1.9-2.2	2.3-2.6	2.7-3.0	> 3.0				UNKNOWN
COUNTY:		TOTAL													
28-42		.00	.00	.00	.00	.00	1.55	1.55	.00	.00	.00	.00	3.10	6	
> 42		.00	.00	.00	.00	.00	.85	.85	.00	.00	.00	.00	1.70		
TOTAL		.00	.00	.00	.00	.00	2.40	2.40	.00	.00	.00	.00	4.80		
STATE TOTAL															
28-42		.00	.00	.87	5.30	19.56	9.11	12.37	11.42	8.86	9.46	.00	76.90	93	
> 42		.00	.00	.16	1.86	6.94	2.24	2.84	2.10	1.63	1.74	.00	19.50		
TOTAL		.00	.00	1.03	7.16	26.50	11.35	15.21	13.52	10.49	11.20	.00	96.40		

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)

(INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

080 COLORADO

TABLE C-2 UNDERGROUND ANTHRACITE RESERVE BASE BY STATE, COUNTY,
BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974
MILLION SHORT TONS

COUNTY: 051 GUNNISON

THICK NESS	BED	RESERVES BY SULFUR RANGE, PERCENT											TOTAL	NO.OF ANAL	AVG S %	
		≤ .4	.5-.6	.7-.8	.9-1.0	1.1-1.4	1.5-1.8	1.9-2.2	2.3-2.6	2.7-3.0	> 3.0	UNKNOWN				
28-42	053	.61	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.61	2	.4
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		.61	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.61		
28-42	054	.00	.00	6.07	.00	.00	.00	.00	.00	.00	.00	.00	.00	6.07	1	.7
> 42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		.00	.00	6.07	.00	.00	.00	.00	.00	.00	.00	.00	.00	6.07		
28-42	794	1.02	2.53	1.63	.40	.08	.00	.00	.00	.00	.00	.00	.00	5.69	86	.6
> 42		2.76	6.83	4.42	1.09	.23	.00	.00	.00	.00	.00	.00	.00	15.37		
TOTAL		3.78	9.36	6.05	1.49	.31	.00	.00	.00	.00	.00	.00	.00	21.06		

COUNTY: TOTAL

28-42	1.63	2.53	7.70	.40	.08	.00	.00	.00	.00	.00	.00	.00	12.37	89
> 42	2.76	6.83	4.42	1.09	.23	.00	.00	.00	.00	.00	.00	.00	15.37	
TOTAL	4.39	9.36	12.12	1.49	.31	.00	.00	.00	.00	.00	.00	.00	27.74	

STATE TOTAL

28-42	1.63	2.53	7.70	.40	.08	.00	.00	.00	.00	.00	.00	.00	12.37	89
> 42	2.76	6.83	4.42	1.09	.23	.00	.00	.00	.00	.00	.00	.00	15.37	
TOTAL	4.39	9.36	12.12	1.49	.31	.00	.00	.00	.00	.00	.00	.00	27.74	

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)

(INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

350 NEW MEXICO

TABLE C-2 UNDERGROUND ANTHRACITE RESERVE BASE BY STATE, COUNTY,
BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974
MILLION SHORT TONS

COUNTY: 049 SANTA FE

THICK NESS	BED	RESERVES BY SULFUR RANGE, PERCENT											TOTAL	NO.OF ANAL	AVG S %	
		≤ .4	.5-.6	.7-.8	.9-1.0	1.1-1.4	1.5-1.8	1.9-2.2	2.3-2.6	2.7-3.0	> 3.0	UNKNOWN				
28-42	799	.00	.00	.00	1.04	.65	.00	.00	.00	.00	.00	.00	.00	1.70	3	1.0
> 42		.00	.00	.00	.36	.23	.00	.00	.00	.00	.00	.00	.00	.60		
TOTAL		.00	.00	.00	1.40	.88	.00	.00	.00	.00	.00	.00	.00	2.30		

COUNTY: TOTAL

28-42	.00	.00	.00	1.04	.65	.00	.00	.00	.00	.00	.00	.00	1.70	3
> 42	.00	.00	.00	.36	.23	.00	.00	.00	.00	.00	.00	.00	.60	
TOTAL	.00	.00	.00	1.40	.88	.00	.00	.00	.00	.00	.00	.00	2.30	

STATE TOTAL

28-42	.00	.00	.00	1.04	.65	.00	.00	.00	.00	.00	.00	.00	1.70	3
> 42	.00	.00	.00	.36	.23	.00	.00	.00	.00	.00	.00	.00	.60	
TOTAL	.00	.00	.00	1.40	.88	.00	.00	.00	.00	.00	.00	.00	2.30	

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)

(INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

WESTERN U.S. TOTAL

TABLE C-7 UNDERGROUND ANTHRACITE RESERVE BASE BY STATE, COUNTY,
BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974
MILLION SHORT TONS

THICK- NESS	BED	RESERVES BY SULFUR RANGE, PERCENT											TOTAL	NO. OF ANAL	AVG S %
		.5-.6	.7-.8	.9-1.0	1.1-1.4	1.5-1.8	1.9-2.2	2.3-2.6	2.7-3.0	> 3.0	UNKNOWN				
28-42		1.53	2.53	6.57	6.74	20.27	9.11	12.37	11.42	8.86	9.46	.00	90.97	185	
> 42		2.76	6.83	4.58	3.31	7.40	2.24	2.84	2.10	1.63	1.74	.00	35.47		
TOTAL		4.34	9.36	13.15	10.05	27.67	11.35	15.21	13.52	10.49	11.20	.00	126.44		

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)

(INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

020 ALASKA

TABLE C-3 UNDERGROUND SUBBITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,
BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974
MILLION SHORT TONS

COUNTY: 005 COOK INLET SUSITNA

THICK NESS	BED	RESERVES BY SULFUR RANGE, PERCENT										TOTAL	NO. OF ANAL	AVG S %	
		≤ .4	.5-.6	.7-.8	.9-1.0	1.1-1.4	1.5-1.8	1.9-2.2	2.3-2.6	2.7-3.0	> 3.0				UNKNOWN
60-120	799	30.26	27.36	21.37	10.83	5.89	.77	.09	.00	.00	.00	.00	96.70	72	.5
> 120		699.71	632.64	494.04	250.37	136.36	17.88	2.23	.00	.00	.00	.00	2235.50		
TOTAL		729.97	660.00	515.41	261.20	142.25	18.65	2.32	.00	.00	.00	.00	2332.20		

COUNTY: TOTAL

60-120		30.26	27.36	21.37	10.83	5.89	.77	.09	.00	.00	.00	.00	96.70	72	
> 120		699.71	632.64	494.04	250.37	136.36	17.88	2.23	.00	.00	.00	.00	2235.50		
TOTAL		729.97	660.00	515.41	261.20	142.25	18.65	2.32	.00	.00	.00	.00	2332.20		

COUNTY: 007 KENAI PENINSULA

60-120	799	5.02	6.80	3.28	.89	.00	.00	.00	.00	.00	.00	.00	16.00	9	.5
> 120		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		5.02	6.80	3.28	.89	.00	.00	.00	.00	.00	.00	.00	16.00		

COUNTY: TOTAL

60-120		5.02	6.80	3.28	.89	.00	.00	.00	.00	.00	.00	.00	16.00	9	
> 120		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		5.02	6.80	3.28	.89	.00	.00	.00	.00	.00	.00	.00	16.00		

COUNTY: 014 YUKON RIVER

60-120	799	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	45	.3
> 120		1412.26	417.60	68.33	.00	.00	.00	.00	.00	.00	.00	.00	1898.20		
TOTAL		1412.26	417.60	68.33	.00	.00	.00	.00	.00	.00	.00	.00	1898.20		

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)

(INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

020 ALASKA

TABLE C-3 UNDERGROUND SUBBITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,
BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974
MILLION SHORT TONS

COUNTY: 014 YUKON RIVER

THICK NESS	BED	RESERVES BY SULFUR RANGE, PERCENT										TOTAL	NO. OF ANAL	AVG S %		
		< .4	.5-.6	.7-.8	.9-1.0	1.1-1.4	1.5-1.8	1.9-2.2	2.3-2.6	2.7-3.0	> 3.0				UNKNOWN	
COUNTY: TOTAL																
60-120		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	40	
> 120		1412.26	417.60	68.33	.00	.00	.00	.00	.00	.00	.00	.00	.00	1898.20		
TOTAL		1412.26	417.60	68.33	.00	.00	.00	.00	.00	.00	.00	.00	.00	1898.20		
STATE TOTAL																
60-120		35.28	34.16	24.65	11.72	5.89	.77	.09	.00	.00	.00	.00	.00	112.70	126	
> 120		2111.97	1050.24	562.37	250.37	136.36	17.88	2.23	.00	.00	.00	.00	.00	4133.70		
TOTAL		2147.25	1084.40	587.02	262.09	142.25	18.65	2.32	.00	.00	.00	.00	.00	4246.40		

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)

(INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

080 COLORADO

TABLE C-3 UNDERGROUND SUBBITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,
BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974
MILLION SHORT TONS

COUNTY: 001 ADAMS

THICK- NESS	BED	RESERVES BY SULFUR RANGE, PERCENT										UNKNOW N	TOTAL	NO. OF ANAL	AVG S %	
		< .4	.5-.6	.7-.8	.9-1.0	1.1-1.4	1.5-1.8	1.9-2.2	2.3-2.6	2.7-3.0	> 3.0					
60-120	037	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	4.62	4.62		
> 120		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	4.62	4.62		
60-120	799	57.93	57.93	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	115.87	4	.5
> 120		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		57.93	57.93	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	115.87		
60-120	988	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
> 120		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	2.15	2.15		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	2.15	2.15		

COUNTY: TOTAL

60-120	57.93	57.93	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	4.62	120.49	4	
> 120	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	2.15	2.15		
TOTAL	57.93	57.93	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	6.77	122.64		

COUNTY: 005 ARAPAHOE

60-120	799	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	70.12	70.12		
> 120		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	70.12	70.12		

COUNTY: TOTAL

60-120	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	70.12	70.12		
> 120	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	70.12	70.12		

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)

(INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

080 COLORADO

TABLE C-3 UNDERGROUND SUBBITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,
BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974
MILLION SHORT TONS

COUNTY: 013 BOULDER

THICK NESS	BED	RESERVES BY SULFUR RANGE, PERCENT											UNKNOW	TOTAL	NO. OF ANAL	AVG S %
		< .4	.5-.6	.7-.8	.9-1.0	1.1-1.4	1.5-1.8	1.9-2.2	2.3-2.6	2.7-3.0	> 3.0					
60-120	032	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.80	.80		
> 120		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.80	.80		
60-120	033	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	2.71	2.71		
> 120		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	2.71	2.71		
60-120	037	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	60.31	60.31		
> 120		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	60.31	60.31		
60-120	039	22.78	36.33	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	59.17	6	.5
> 120		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		22.78	36.33	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	59.17		
60-120	768	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	8.05	8.05		
> 120		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	8.05	8.05		
60-120	986	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
> 120		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	28.79	28.79		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	28.79	28.79		
60-120	994	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	2.47	2.47		
> 120		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.94	.94		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	3.41	3.41		
COUNTY: TOTAL																
60-120		22.78	36.33	.00	.00	.00	.00	.00	.00	.00	.00	.00	74.34	133.51	6	
> 120		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	29.73	29.73		
TOTAL		22.78	36.33	.00	.00	.00	.00	.00	.00	.00	.00	.00	104.07	163.24		

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)

(INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

08J COLORADO

TABLE C-3 UNDERGROUND SUBBITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,
 BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974
 MILLION SHORT TONS

COUNTY: 029 DELTA

THICK NESS	BED	RESERVES BY SULFUR RANGE, PERCENT										UNKNOW	TOTAL	NO. OF ANAL	AVG S %	
		< .4	.5-.6	.7-.8	.9-1.0	1.1-1.4	1.5-1.8	1.9-2.2	2.3-2.6	2.7-3.0	> 3.0					
60-120	704	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	42.07	42.07		
> 120		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	67.08	67.08		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	109.15	109.15		
60-120	753	15.64	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	15.64	1	.4
> 120		11.81	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	11.81		
TOTAL		27.45	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	27.45		
60-120	754	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	19	.6
> 120		.00	7.92	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	7.92		
TOTAL		.00	7.92	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	7.92		
60-120	755	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	15.14	15.14		
> 120		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	18.95	18.95		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	34.09	34.09		
60-120	756	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	18.21	18.21		
> 120		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	18.21	18.21		
60-120	757	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	8.14	8.14		
> 120		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	8.14	8.14		

COUNTY: TOTAL

60-120	15.64	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	83.56	99.20	20	
> 120	11.81	7.92	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	86.03	105.76		
TOTAL	27.45	7.92	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	169.59	204.96		

COUNTY: 035 DOUGLAS

60-120	799	.00	.00	.00	.00	.56	2.75	1.74	.00	.00	.00	.00	.00	5.07	2	1.8
> 120		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		.00	.00	.00	.00	.56	2.75	1.74	.00	.00	.00	.00	.00	5.07		

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)

(INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

080 COLORADO

TABLE C-3 UNDERGROUND SUBBITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,
 BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974
 MILLION SHORT TONS

COUNTY: 035 DOUGLAS

THICK NESS	BED	RESERVES BY SULFUR RANGE, PERCENT										TOTAL	NO. OF ANAL	AVG S %		
		< .4	.5-.6	.7-.8	.9-1.0	1.1-1.4	1.5-1.8	1.9-2.2	2.3-2.6	2.7-3.0	> 3.0				UNKNOWN	
COUNTY: TOTAL																
60-120		.00	.00	.00	.00	.56	2.75	1.74	.00	.00	.00	.00	5.07	2		
> 120		.00	.00	.00	.00	.00	.30	.00	.00	.00	.00	.00	.00			
TOTAL		.00	.00	.00	.00	.56	2.75	1.74	.00	.00	.00	.00	5.07			

COUNTY: 039 ELBERT

60-120	799	.00	.00	248.81	.00	.00	.00	.00	.00	.00	.00	.00	248.81	1	.7
> 120		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		.00	.00	248.81	.00	.00	.00	.00	.00	.00	.00	.00	248.81		

COUNTY: TOTAL

60-120		.00	.00	248.81	.00	.00	.00	.00	.00	.00	.00	.00	248.81	1	
> 120		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		.00	.00	248.81	.00	.00	.00	.00	.00	.00	.00	.00	248.81		

COUNTY: 041 EL PASO

60-120	030	67.27	56.61	.00	.00	.00	.00	.00	.00	.00	.00	.00	123.89	39	.4
> 120		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		67.27	56.61	.00	.00	.00	.00	.00	.00	.00	.00	.00	123.89		

COUNTY: TOTAL

60-120		67.27	56.61	.00	.00	.00	.00	.00	.00	.00	.00	.00	123.89	39	
> 120		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		67.27	56.61	.00	.00	.00	.00	.00	.00	.00	.00	.00	123.89		

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)

(INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

080 COLORADO

TABLE C-3 UNDERGROUND SUBBITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,
BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974
MILLION SHORT TONS

COUNTY: 051 GUNNISON

THICKNESS	BED	< .4	.5-.6	.7-.9	RESERVES BY SULFUR RANGE, PERCENT							UNKNOWN	TOTAL	NO. OF ANAL	AVG S %
					.9-1.0	1.1-1.4	1.5-1.8	1.9-2.2	2.3-2.6	2.7-3.0	> 3.0				
60-120	799	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	86	.6
> 120		39.60	97.92	63.37	15.62	3.30	.00	.00	.00	.00	.00	.00	.00		
TOTAL		39.60	97.92	63.37	15.62	3.30	.00	.00	.00	.00	.00	.00	220.05		

COUNTY: TOTAL

60-120	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	86	
> 120	39.60	97.92	63.37	15.62	3.30	.00	.00	.00	.00	.00	.00	.00	220.05		
TOTAL	39.60	97.92	63.37	15.62	3.30	.00	.00	.00	.00	.00	.00	.00	220.05		

COUNTY: 057 JACKSON

60-120	042	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	12.65	12.65		
> 120		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	20.73	20.73		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	33.38	33.38		
60-120	043	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	8.26	8.26		
> 120		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	8.26	8.26		
60-120	044	.00	.00	.00	12.65	.00	.00	.00	.00	.00	.00	.00	12.65	2	1.0
> 120		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		.00	.00	.00	12.65	.00	.00	.00	.00	.00	.00	.00	12.65		
60-120	046	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	5	.5
> 120		51.61	64.43	39.65	15.21	.00	.10	.00	.00	.00	.00	.00	170.91		
TOTAL		51.61	64.43	39.65	15.21	.00	.00	.00	.00	.00	.00	.00	170.91		
60-120	047	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
> 120		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	8.65	8.65		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	8.65	8.65		

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)

(INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

080 COLORADO

TABLE C-3 UNDERGROUND SUBBITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,
BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974
MILLION SHORT TONS

COUNTY: 057 JACKSON

THICK- NESS	BED	RESERVES BY SULFUR RANGE, PERCENT											TOTAL	NO. OF ANAL	AVG S %		
		< .4	.5-.6	.7-.8	.9-1.0	1.1-1.4	1.5-1.8	1.9-2.2	2.3-2.6	2.7-3.0	> 3.0	UNKNOWN					
60-120	048	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00			
> 120		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	18.29			
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	18.29			
60-120	049	3.72	1.04	.36	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	5.13	6	.3
> 120		403.28	112.61	39.38	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	554.73		
TOTAL		407.00	113.65	39.74	.00	.00	.00	.00	.00	.00	.00	.00	.00	559.86			
60-120	050	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	11.51	11.51		
> 120		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	11.51	11.51		

COUNTY: TOTAL

60-120		3.72	1.04	.36	12.65	.00	.00	.00	.00	.00	.00	.00	32.42	50.20	13	
> 120		454.89	177.04	79.03	15.21	.00	.00	.00	.00	.00	.00	.00	47.67	773.31		
TOTAL		458.61	178.08	79.39	27.86	.00	.00	.00	.00	.00	.00	.00	80.09	823.51		

COUNTY: 059 JEFFERSON

60-120	799	81.34	59.74	14.18	2.36	.00	.00	.00	.00	.00	.00	.00	.00	157.65	24	.4
> 120		9.42	6.92	1.64	.27	.00	.00	.00	.00	.00	.00	.00	.00	18.26		
TOTAL		90.76	66.66	15.82	2.63	.00	.00	.00	.00	.00	.00	.00	.00	175.91		

COUNTY: TOTAL

60-120		81.34	59.74	14.18	2.36	.00	.00	.00	.00	.00	.00	.00	.00	157.65	24	
> 120		9.42	6.92	1.64	.27	.00	.00	.00	.00	.00	.00	.00	.00	18.26		
TOTAL		90.76	66.66	15.82	2.63	.00	.00	.00	.00	.00	.00	.00	.00	175.91		

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)

(INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

080 COLORADO

TABLE C-3 UNDERGROUND SUBBITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,
BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974
MILLION SHORT TONS

COUNTY: 077 MESA

THICK NESS	BED	RESERVES BY SULFUR RANGE, PERCENT										UNKNOWN	TOTAL	NO. OF ANAL	AVG S %	
		< .4	.5-.6	.7-.8	.9-1.0	1.1-1.4	1.5-1.8	1.9-2.2	2.3-2.6	2.7-3.0	> 3.0					
60-120	704	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	8.99	8.99		
> 120		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	8.99	8.99		

COUNTY: TOTAL

60-120		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	8.99	8.99		
> 120		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	8.99	8.99		

COUNTY: 081 HUFFAT

60-120	074	7.38	13.24	11.99	5.22	.00	.00	.00	.00	.00	.00	.00	.00	38.45	5	.6
> 120		5.79	10.87	9.42	4.10	.00	.00	.00	.00	.00	.00	.00	.00	30.20		
TOTAL		13.17	24.11	21.41	9.32	.00	.00	.00	.00	.00	.00	.00	.00	68.65		
60-120	150	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	57.07	57.07		
> 120		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	25.94	25.94		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	83.01	83.01		
60-120	158	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	38.67	38.67		
> 120		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	38.67	38.67		
60-120	161	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	4.85	4.85		
> 120		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	4.85	4.85		
60-120	162	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	2.72	2.72		
> 120		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	2.72	2.72		

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)

(INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

080 COLORADO

TABLE C-3 UNDERGROUND SUBBITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,
BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974
MILLION SHORT TONS

COUNTY: 081 MOFFAT

THICK NESS	BED	RESERVES BY SULFUR RANGE, PERCENT										UNKNOWN	TOTAL	NO. OF ANAL	AVG S %	
		< .4	.5-.6	.7-.8	.9-1.0	1.1-1.4	1.5-1.8	1.9-2.2	2.3-2.6	2.7-3.0	> 3.0					
60-120	163	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	31.57	31.57		
> 120		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	82.41	82.41		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	113.98	113.98		
60-120	164	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	153.97	153.97		
> 120		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	16.48	16.48		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	170.45	170.45		
60-120	799	73.55	19.90	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	93.46	7	.4
> 120		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		73.55	19.90	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	93.46		

COUNTY: TOTAL

60-120	80.93	33.74	11.99	5.22	.00	.00	.00	.00	.00	.00	.00	.00	288.85	420.76	12	
> 120	5.79	10.87	9.42	4.10	.00	.00	.00	.00	.00	.00	.00	.00	124.83	155.03		
TOTAL	86.72	44.61	21.41	9.32	.00	.00	.00	.00	.00	.00	.00	.00	413.68	575.79		

COUNTY: 085 MONTROUSE

60-120	799	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	17	.7
> 120		.00	32.37	47.80	20.14	.00	.00	.00	.00	.00	.00	.00	.00	100.23		
TOTAL		.00	32.37	47.80	20.14	.00	.00	.00	.00	.00	.00	.00	.00	100.23		

COUNTY: TOTAL

60-120	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	17	
> 120	.00	32.37	47.80	20.14	.00	.00	.00	.00	.00	.00	.00	.00	.00	100.23		
TOTAL	.00	32.37	47.80	20.14	.00	.00	.00	.00	.00	.00	.00	.00	.00	100.23		

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)

(INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

080 COLORADO

TABLE C-3 UNDERGROUND SUBBITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,
BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974
MILLION SHORT TONS

COUNTY: 091 DURAY

THICK NESS	BED	RESERVES BY SULFUR RANGE, PERCENT											TOTAL	NO. OF ANAL	AVG S %	
		< .4	.5-.6	.7-.8	.9-1.0	1.1-1.4	1.5-1.8	1.9-2.2	2.3-2.6	2.7-3.0	> 3.0	UNKNOWN				
60-120	799	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	2	.8
> 120		.00	200.56	301.46	200.56	.00	.00	.00	.00	.00	.00	.00	.00	762.59		
TOTAL		.00	200.56	301.46	200.56	.00	.00	.00	.00	.00	.00	.00	.00	762.59		

COUNTY: TOTAL

60-120		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	2	
> 120		.00	200.56	301.46	200.56	.00	.00	.00	.00	.00	.00	.00	.00	762.59		
TOTAL		.00	200.56	301.46	200.56	.00	.00	.00	.00	.00	.00	.00	.00	762.59		

COUNTY: 107 RUETT

60-120	156	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	49.95	49.95		
> 120		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	106.11	106.11		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	156.06	156.06		
60-120	157	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	136.09	136.09		
> 120		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	136.09	136.09		
60-120	158	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	57.03	57.03		
> 120		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	57.03	57.03		
60-120	159	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	19.51	19.51		
> 120		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	19.51	19.51		
60-120	160	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	27.90	27.90		
> 120		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	19.07	19.07		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	46.97	46.97		

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)

(INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

080 COLORADO

TABLE C-3 UNDERGROUND SUBBITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,
BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974
MILLION SHORT TONS

COUNTY: 107 KUJT

THICK NESS	BED	RESERVES BY SULFUR RANGE, PERCENT											TOTAL	NO. OF ANAL	AVG S %	
		< .4	.5-.6	.7-.8	.9-1.0	1.1-1.4	1.5-1.8	1.9-2.2	2.3-2.6	2.7-3.0	> 3.0	UNKNOWN				
60-120	161	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.38	1.38		
> 120		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.38	1.38		
60-120	163	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.50	.50		
> 120		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.50	.50		
60-120	799	19.43	26.17	40.90	45.81	55.63	14.11	2.65	.00	.00	.00	.00	204.53	205	.9	
> 120		5.04	6.79	10.62	11.89	14.44	3.66	.69	.00	.00	.00	.00	53.11			
TOTAL		24.47	32.96	51.52	57.70	70.07	17.77	3.34	.00	.00	.00	.00	257.64			

COUNTY: TOTAL

60-120	19.43	26.17	40.90	45.81	55.63	14.11	2.65	.00	.00	.00	292.36	496.89	205		
> 120	5.04	6.79	10.62	11.89	14.44	3.66	.69	.00	.00	.00	125.18	178.29			
TOTAL	24.47	32.96	51.52	57.70	70.07	17.77	3.34	.00	.00	.00	417.54	675.18			

COUNTY: 123 WELD

60-120	032	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	3.39	3.39		
> 120		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	3.39	3.39		
60-120	033	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	5.81	5.81		
> 120		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.48	.48		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	6.29	6.29		
60-120	034	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	27.35	27.35		
> 120		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	2.53	2.53		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	29.88	29.88		

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)

(INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

080 COLORADO

TABLE C-3 UNDERGROUND SUBBITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,
BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974
MILLION SHORT TONS

COUNTY: 123 WELD

THICK NESS	BED	RESERVES BY SULFUR RANGE, PERCENT										UNKNOWN	TOTAL	NO. OF ANAL	AVG S %	
		< .4	.5-.6	.7-.8	.9-1.0	1.1-1.4	1.5-1.8	1.9-2.2	2.3-2.6	2.7-3.0	> 3.0					
60-120	035	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	11.09	11.09		
> 120		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	11.09	11.09		
60-120	036	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.20	.20		
> 120		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.20	.20		
60-120	768	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	276.07	276.07		
> 120		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	18.29	18.29		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	294.36	294.36		
60-120	799	81.34	33.46	3.93	.35	.00	.00	.00	.00	.00	.00	.00	.00	119.10	2012	.4
> 120		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		81.34	33.46	3.93	.35	.00	.00	.00	.00	.00	.00	.00	.00	119.10		

COUNTY: TOTAL

60-120	81.34	33.46	3.93	.35	.00	.00	.00	.00	.00	.00	.00	.00	323.91	443.01	2012	
> 120	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	21.30	21.30		
TOTAL	81.34	33.46	3.93	.35	.00	.00	.00	.00	.00	.00	.00	.00	345.21	464.31		

STATE TOTAL

60-120	430.38	305.07	320.17	66.39	56.19	16.86	4.39	.00	.00	.00	.00	.00	1179.17	2378.59	2443	
> 120	526.55	540.30	573.34	267.79	17.74	3.66	.69	.00	.00	.00	.00	.00	436.89	2366.70		
TOTAL	956.93	845.46	893.51	334.18	73.93	20.52	5.08	.00	.00	.00	.00	.00	1616.06	4745.29		

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)

(INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

300 MONTANA

TABLE C-3 UNDERGROUND SUBBITUMINOUS COAL RESERVE BASE BY STATE, COUNTY, BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974
MILLION SHORT TONS

COUNTY: 003 BIG HORN

THICKNESS	BED	RESERVES BY SULFUR RANGE, PERCENT										UNKNOWN	TOTAL	NO. OF ANAL	AVG S %	
		≤ .4	.5-.6	.7-.8	.9-1.0	1.1-1.4	1.5-1.8	1.9-2.2	2.3-2.6	2.7-3.0	> 3.0					
60-120	799	5604.68	5071.52	1872.56	468.14	.00	.00	.00	.00	.00	.00	.00	.00	13003.92	18	.4
> 120		6348.33	5744.43	2121.02	530.25	.00	.00	.00	.00	.00	.00	.00	.00	14729.31		
TOTAL		11953.01	10815.95	3993.58	998.39	.00	.00	.00	.00	.00	.00	.00	.00	27733.23		

COUNTY: TOTAL

60-120		5604.68	5071.52	1872.56	468.14	.00	.00	.00	.00	.00	.00	.00	.00	13003.92	18	
> 120		6348.33	5744.43	2121.02	530.25	.00	.00	.00	.00	.00	.00	.00	.00	14729.31		
TOTAL		11953.01	10815.95	3993.58	998.39	.00	.00	.00	.00	.00	.00	.00	.00	27733.23		

COUNTY: 005 BLAINE

60-120	799	.00	8.00	1.04	.00	.00	.00	.00	.00	.00	.00	.00	.00	9.05	30	.6
> 120		.00	8.00	1.04	.00	.00	.00	.00	.00	.00	.00	.00	.00	9.05		
TOTAL		.00	16.00	2.08	.00	.00	.00	.00	.00	.00	.00	.00	.00	18.10		

COUNTY: TOTAL

60-120		.00	8.00	1.04	.00	.00	.00	.00	.00	.00	.00	.00	.00	9.05	30	
> 120		.00	8.00	1.04	.00	.00	.00	.00	.00	.00	.00	.00	.00	9.05		
TOTAL		.00	16.00	2.08	.00	.00	.00	.00	.00	.00	.00	.00	.00	18.10		

COUNTY: 015 CHOUTEAU

60-120	799	.00	.06	.20	.23	.08	.00	.00	.00	.00	.00	.00	.00	.58	22	.8
> 120		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		.00	.06	.20	.23	.08	.00	.00	.00	.00	.00	.00	.00	.58		

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)
(INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

300 MONTANA

TABLE C-3 UNDERGROUND SUBBITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,
BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974
MILLION SHORT TONS

COUNTY: 015 CHOUTEAU

THICK NESS	BED	RESERVES BY SULFUR RANGE, PERCENT										TOTAL	NO. OF ANAL	AVG S %	
		≤ .4	.5-.6	.7-.8	.9-1.0	1.1-1.4	1.5-1.8	1.9-2.2	2.3-2.6	2.7-3.0	> 3.0				UNKNOWN
COUNTY: TOTAL															
60-120		.00	.05	.20	.23	.08	.00	.00	.00	.00	.00	.00	.58	22	
> 120		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		.00	.06	.20	.23	.08	.00	.00	.00	.00	.00	.00	.58		

COUNTY: 017 CUSTER

60-120	799	259.38	449.14	397.26	191.12	66.89	.00	.00	.00	.00	.00	.00	1365.17	13	.6
> 120		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		259.38	449.14	397.26	191.12	66.89	.00	.00	.00	.00	.00	.00	1365.17		

COUNTY: TOTAL

60-120		259.38	449.14	397.26	191.12	66.89	.00	.00	.00	.00	.00	.00	1365.17	13	
> 120		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		259.38	449.14	397.26	191.12	66.89	.00	.00	.00	.00	.00	.00	1365.17		

COUNTY: 033 GARFIELD

60-120	799	.00	110.28	.00	.00	.00	.00	.00	.00	.00	.00	.00	110.28	2	.6
> 120		.00	5.15	.00	.00	.00	.00	.00	.00	.00	.00	.00	5.15		
TOTAL		.00	115.43	.00	.00	.00	.00	.00	.00	.00	.00	.00	115.43		

COUNTY: TOTAL

60-120		.00	110.28	.00	.00	.00	.00	.00	.00	.00	.00	.00	110.28	2	
> 120		.00	5.15	.00	.00	.00	.00	.00	.00	.00	.00	.00	5.15		
TOTAL		.00	115.43	.00	.00	.00	.00	.00	.00	.00	.00	.00	115.43		

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)

(INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

300 . :NA

TABLE C-3 UNDERGROUND SUBBITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,
BED. THICKNESS AND SULFUR RANGE - JANUARY 1, 1974
MILLION SHORT TONS

THICK NESS	BED	RESERVES BY SULFUR RANGE, PERCENT										TOTAL	NO. OF ANAL	AVG S %	
		≤ .4	.5-.6	.7-.8	.9-1.0	1.1-1.4	1.5-1.8	1.9-2.2	2.3-2.6	2.7-3.0	> 3.0				UNKNOWN
COUNTY: 065 MUSSELSHELL															
60-120	799	629.32	806.16	298.19	.00	.00	.00	.00	.00	.00	.00	.00	1733.68	8	.5
> 120		589.39	755.01	279.27	.00	.00	.00	.00	.00	.00	.00	.00	1623.69		
TOTAL		1218.71	1561.17	577.46	.00	.00	.00	.00	.00	.00	.00	.00	3357.37		
COUNTY: TOTAL															
60-120		629.32	806.16	298.19	.00	.00	.00	.00	.00	.00	.00	.00	1733.68	8	
> 120		589.39	755.01	279.27	.00	.00	.00	.00	.00	.00	.00	.00	1623.69		
TOTAL		1218.71	1561.17	577.46	.00	.00	.00	.00	.00	.00	.00	.00	3357.37		
COUNTY: 075 POWDER RIVER															
60-120	799	8034.63	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	8034.63	14	.3
> 120		3308.46	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	3308.46		
TOTAL		11343.09	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	11343.09		
COUNTY: TOTAL															
60-120		8034.63	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	8034.63	14	
> 120		3308.46	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	3308.46		
TOTAL		11343.09	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	11343.09		

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)

(INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

300 MONTANA

TABLE C-3 UNDERGROUND SUBBITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,
 BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974
 MILLION SHORT TONS

COUNTY: 087 ROSEBUD

THICKNESS	BED	RESERVES BY SULFUR RANGE, PERCENT										UNKNOWN	TOTAL	NO. OF ANAL	AVG S %
		≤ .4	.5-.6	.7-.8	.9-1.0	1.1-1.4	1.5-1.8	1.9-2.2	2.3-2.6	2.7-3.0	> 3.0				
60-120	799	1618.06	4593.22	4945.54	1892.09	.00	.00	.00	.00	.00	.00	.00	13048.94	8	.7
> 120		731.85	2077.52	2236.87	855.79	.00	.00	.00	.00	.00	.00	.00	5902.05		
TOTAL		2349.91	6670.74	7182.41	2747.88	.00	.00	.00	.00	.00	.00	.00	18950.99		

COUNTY: TOTAL

60-120	1618.06	4593.22	4945.54	1892.09	.00	.00	.00	.00	.00	.00	.00	.00	13048.94	8
> 120	731.85	2077.52	2236.87	855.79	.00	.00	.00	.00	.00	.00	.00	.00	5902.05	
TOTAL	2349.91	6670.74	7182.41	2747.88	.00	.00	.00	.00	.00	.00	.00	.00	18950.99	

COUNTY: 103 TREASURE

60-120	799	.00	.00	.00	.00	.00	.00	651.83	.00	.00	.00	.00	651.83	1	1.9
> 120		.00	.00	.00	.00	.00	.00	324.26	.00	.00	.00	.00	324.26		
TOTAL		.00	.00	.00	.00	.00	.00	976.09	.00	.00	.00	.00	976.09		

COUNTY: TOTAL

60-120	.00	.00	.00	.00	.00	.00	.00	651.83	.00	.00	.00	.00	651.83	1
> 120	.00	.00	.00	.00	.00	.00	.00	324.26	.00	.00	.00	.00	324.26	
TOTAL	.00	.00	.00	.00	.00	.00	.00	976.09	.00	.00	.00	.00	976.09	

COUNTY: 111 YELLOWSTONE

60-120	799	33.34	59.90	75.84	62.56	52.52	9.73	1.18	.00	.00	.00	.00	295.10	19	.7
> 120		33.34	59.90	75.84	62.56	52.52	9.73	1.18	.00	.00	.00	.00	295.10		
TOTAL		66.68	119.80	151.68	125.12	105.04	19.46	2.36	.00	.00	.00	.00	590.20		

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)

(INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

300 MONTANA

TABLE C-3 UNDERGROUND SUBBITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,
 BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974
 MILLION SHORT TONS

COUNTY: 111 YELLOWSTONE

THICK NESS	BED	RESERVES BY SULFUR RANGE, PERCENT										TOTAL	NO. OF ANAL	AVG S %	
		< .4	.5-.6	.7-.8	.9-1.0	1.1-1.4	1.5-1.8	1.9-2.2	2.3-2.6	2.7-3.0	> 3.0				UNKNOWN
COUNTY:		TOTAL													
60-120		33.34	59.90	75.84	62.56	52.52	9.73	1.18	.00	.00	.00	.00	295.10	19	
> 120		33.34	59.90	75.84	62.56	52.52	9.73	1.18	.00	.00	.00	.00	295.10		
TOTAL		66.68	119.80	151.68	125.12	105.04	19.46	2.36	.00	.00	.00	.00	590.20		
STATE TOTAL															
60-120		16179.41	11098.28	7590.63	2614.14	119.49	9.73	653.01	.00	.00	.00	.00	38253.18	135	
> 120		11011.37	8650.01	4714.04	1448.60	52.52	9.73	325.44	.00	.00	.00	.00	26197.07		
TOTAL		27190.78	19748.29	12304.67	4062.74	172.01	19.46	978.45	.00	.00	.00	.00	64450.25		

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)

(INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

350 NEW MEXICO

TABLE C-3 UNDERGROUND SUBBITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,
BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974
MILLION SHORT TONS

COUNTY: 031 MCKINLEY

THICKNESS	BED	RESERVES BY SULFUR RANGE, PERCENT										UNKNOWN	TOTAL	NO. OF ANAL	AVG S %
		< .4	.5-.6	.7-.8	.9-1.0	1.1-1.4	1.5-1.8	1.9-2.2	2.3-2.6	2.7-3.0	> 3.0				
60-120	799	15.63	28.96	28.38	14.86	7.19	.76	.09	.00	.00	.00	.00	95.90	656	.7
> 120		2.86	5.31	5.20	2.72	1.32	.14	.01	.00	.00	.00	.00	17.60		
TOTAL		18.49	34.27	33.58	17.58	8.51	.90	.10	.00	.00	.00	.00	113.50		

COUNTY: TOTAL

60-120		15.63	28.96	28.38	14.86	7.19	.76	.09	.00	.00	.00	.00	95.90	656	
> 120		2.86	5.31	5.20	2.72	1.32	.14	.01	.00	.00	.00	.00	17.60		
TOTAL		18.49	34.27	33.58	17.58	8.51	.90	.10	.00	.00	.00	.00	113.50		

COUNTY: 039 RIO ARRIBA

60-120	799	.00	.17	.20	.22	.49	.51	.44	.34	.24	.34	.00	3.00	118	1.3
> 120		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		.00	.17	.20	.22	.49	.51	.44	.34	.24	.34	.00	3.00		

COUNTY: TOTAL

60-120		.00	.17	.20	.22	.49	.51	.44	.34	.24	.34	.00	3.00	118	
> 120		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		.00	.17	.20	.22	.49	.51	.44	.34	.24	.34	.00	3.00		

COUNTY: 043 SANDOVAL

60-120	799	.00	.00	1.97	3.34	11.96	15.26	9.84	3.90	.80	.00	.00	47.10	21	1.5
> 120		.00	.00	.04	.07	.27	.35	.22	.07	.01	.00	.00	1.10		
TOTAL		.00	.00	2.01	3.41	12.23	15.61	10.06	3.97	.81	.00	.00	48.20		

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)

(INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

350 NEW MEXICO

TABLE C-3 UNDERGROUND SUBBITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,
BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974
MILLION SHORT TONS

COUNTY: 043 SANDOVAL

THICKNESS	BED	RESERVES BY SULFUR RANGE, PERCENT										TOTAL	NO. OF ANAL	AVG S %		
		< .4	.5-.6	.7-.8	.9-1.0	1.1-1.4	1.5-1.8	1.9-2.2	2.3-2.6	2.7-3.0	> 3.0				UNKNOWN	
COUNTY: TOTAL																
60-120		.00	.00	1.97	3.34	11.96	15.26	9.84	3.90	.80	.00	.00	47.10	21		
> 120		.00	.00	.04	.07	.27	.35	.22	.09	.01	.00	.00	1.10			
TOTAL		.00	.00	2.01	3.41	12.23	15.61	10.06	3.99	.81	.00	.00	48.20			

COUNTY: 045 SAN JUAN

60-120	799	.00	70.15	119.22	121.80	107.16	12.48	.00	.00	.00	.00	.00	430.40	49	.8	
> 120		.00	1.92	3.26	3.33	2.93	.34	.00	.00	.00	.00	.00	11.80			
TOTAL		.00	72.07	122.48	125.13	110.09	12.82	.00	.00	.00	.00	.00	442.20			

COUNTY: TOTAL

60-120		.00	70.15	119.22	121.80	107.16	12.48	.00	.00	.00	.00	.00	430.40	49		
> 120		.00	1.92	3.26	3.33	2.93	.34	.00	.00	.00	.00	.00	11.80			
TOTAL		.00	72.07	122.48	125.13	110.09	12.82	.00	.00	.00	.00	.00	442.20			

COUNTY: 061 VALENCIA

60-120	799	.00	.00	.01	.02	.04	.02	.00	.00	.00	.00	.00	.10	8	1.1	
> 120		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00			
TOTAL		.00	.00	.01	.02	.04	.02	.00	.00	.00	.00	.00	.10			

COUNTY: TOTAL

60-120		.00	.00	.01	.02	.04	.02	.00	.00	.00	.00	.00	.10	8		
> 120		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00			
TOTAL		.00	.00	.01	.02	.04	.02	.00	.00	.00	.00	.00	.10			

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)

(INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

350 NEW MEXICO

TABLE C-3 UNDERGROUND SUBBITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,
BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974
MILLION SHORT TONS

THICKNESS	BFD	RESERVES BY SULFUR RANGE, PERCENT										TOTAL	NO. OF ANAL	AVG S %
		≤ .4	.5-.6	.7-.8	.9-1.0	1.1-1.4	1.5-1.8	1.9-2.2	2.3-2.6	2.7-3.0	> 3.0				UNKNOWN
STATE TOTAL														
60-120	15.63	99.24	149.78	140.24	126.84	29.03	10.37	4.24	1.04	.34	.00	576.50	852	
> 120	2.86	7.23	8.50	6.12	4.52	.83	.23	.09	.01	.00	.00	30.50		
TOTAL	18.49	106.51	158.28	146.36	131.36	29.86	10.60	4.33	1.05	.34	.00	607.00		

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)

(INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

410 OREGON

TABLE C-3 UNDERGROUND SUBBITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,
 BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974
 MILLION SHORT TONS

COUNTY: 011 COOS

THICK NESS	BED	RESERVES BY SULFUR RANGE, PERCENT										TOTAL	NO. OF ANAL	AVG S %		
		< .4	.5-.6	.7-.8	.9-1.0	1.1-1.4	1.5-1.8	1.9-2.2	2.3-2.6	2.7-3.0	> 3.0				UNKNOWN	
60-120	837	.70	.32	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.03	4	.4
> 120		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		.70	.32	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.03		

COUNTY: TOTAL

60-120		.70	.32	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.03	4	
> 120		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		.70	.32	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.03		

STATE TOTAL

60-120		.70	.32	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.03	4	
> 120		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		.70	.32	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.03		

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)

(INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

530 WASHINGTON

TABLE C-3 UNDERGROUND SUBBITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,
BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974
MILLION SHORT TONS

COUNTY: 033 KING

THICK NESS	BED	RESERVES BY SULFUR RANGE, PERCENT											TOTAL	NO. OF ANAL	AVG S %	
		< .4	.5-.6	.7-.8	.9-1.0	1.1-1.4	1.5-1.8	1.9-2.2	2.3-2.6	2.7-3.0	> 3.0	UNKNOWN				
60-120	402	.25	.83	.54	.10	.00	.00	.00	.00	.00	.00	.00	.00	1.74	13	.6
> 120		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		.25	.83	.54	.10	.00	.00	.00	.00	.00	.00	.00	.00	1.74		
60-120	404	.94	1.68	2.51	2.84	3.86	1.20	.18	.00	.00	.00	.00	.00	13.24	13	.8
> 120		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		.94	1.68	2.51	2.84	3.86	1.20	.18	.00	.00	.00	.00	.00	13.24		
60-120	408	.00	.31	.60	.91	1.63	.53	.00	.00	.00	.00	.00	.00	4.00	4	1.0
> 120		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		.00	.31	.60	.91	1.63	.53	.00	.00	.00	.00	.00	.00	4.00		
60-120	410	.00	1.46	1.20	.00	.00	.00	.00	.00	.00	.00	.00	.00	2.67	7	.6
> 120		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		.00	1.46	1.20	.00	.00	.00	.00	.00	.00	.00	.00	.00	2.67		
60-120	414	.26	.72	.73	.26	.00	.00	.00	.00	.00	.00	.00	.00	1.99	11	.7
> 120		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		.26	.72	.73	.26	.00	.00	.00	.00	.00	.00	.00	.00	1.99		
60-120	418	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	2.73	2.73		
> 120		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	2.73	2.73		
60-120	422	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	5.01	5.01		
> 120		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	5.01	5.01		
60-120	423	.00	1.00	.62	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.63	6	.6
> 120		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		.00	1.00	.62	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.63		
60-120	826	9.35	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	9.35	3	.4
> 120		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		9.35	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	9.35		

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)

(INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

530 WASHINGTON

TABLE C-3 UNDERGROUND SUBBITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,
BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974
MILLION SHORT TONS

COUNTY: 033 KING

THICK NESS	BED	RESERVES BY SULFUR RANGE, PERCENT										UNKNOW N	TOTAL	NO. OF ANAL	AVG S %	
		< .4	.5-.6	.7-.8	.9-1.0	1.1-1.4	1.5-1.8	1.9-2.2	2.3-2.6	2.7-3.0	> 3.0					
60-120	829	.23	.56	.12	.00	.00	.00	.00	.00	.00	.00	.00	.00	.92	30	.5
> 120		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		.23	.56	.12	.00	.00	.00	.00	.00	.00	.00	.00	.92			

COUNTY: TOTAL

60-120		11.03	6.56	6.32	4.11	5.49	1.73	.18	.00	.00	.00	7.74	43.28	87	
> 120		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		11.03	6.56	6.32	4.11	5.49	1.73	.18	.00	.00	.00	7.74	43.28		

COUNTY: 041 LEWIS

60-120	491	.00	.00	.00	.00	.00	.00	36.18	.00	.00	.00	.00	36.18	1	2.0
> 120		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		.00	.00	.00	.00	.00	.00	36.18	.00	.00	.00	.00	36.18		
60-120	492	.00	.00	.00	.00	.00	158.96	.00	.00	.00	.00	.00	158.96	3	1.5
> 120		.00	.00	.00	.00	.00	3.84	.00	.00	.00	.00	.00	3.84		
TOTAL		.00	.00	.00	.00	.00	162.80	.00	.00	.00	.00	.00	162.80		
60-120	494	.00	7.25	13.23	17.95	26.82	5.20	.00	.00	.00	.00	.00	70.40	3	.9
> 120		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		.00	7.25	13.23	17.95	26.82	5.20	.00	.00	.00	.00	.00	70.40		
60-120	495	.00	.00	40.77	79.11	132.93	18.75	.00	.00	.00	.00	.00	271.86	22	1.1
> 120		.00	.00	.69	1.33	2.24	.31	.00	.00	.00	.00	.00	4.60		
TOTAL		.00	.00	41.46	80.44	135.17	19.06	.00	.00	.00	.00	.00	276.46		
60-120	497	.00	.00	.00	.00	177.71	.00	.00	.00	.00	.00	.00	177.71	1	1.3
> 120		.00	.00	.00	.00	50.72	.00	.00	.00	.00	.00	.00	50.72		
TOTAL		.00	.00	.00	.00	228.43	.00	.00	.00	.00	.00	.00	228.43		

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)

(INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

530 WASHINGTON

TABLE C-3 UNDERGROUND SUBBITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,
BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974
MILLION SHORT TONS

COUNTY: 041 LEWIS

THICK- NESS	BED	RESERVES BY SULFUR RANGE, PERCENT										TOTAL	NO. OF ANAL	AVG S %		
		< .4	.5-.6	.7-.8	.9-1.0	1.1-1.4	1.5-1.8	1.9-2.2	2.3-2.6	2.7-3.0	> 3.0				UNKNOWN	
60-120	821	.00	.00	.00	.00	8.38	.00	.00	.00	.00	.00	.00	.00	8.38	1	1.2
> 120		.00	.00	.00	.00	274.78	.00	.00	.00	.00	.00	.00	.00	274.78		
TOTAL		.00	.00	.00	.00	283.16	.00	.00	.00	.00	.00	.00	.00	283.16		

COUNTY: TOTAL

60-120		.00	7.25	54.00	97.06	345.84	182.91	36.18	.00	.00	.00	.00	.00	723.49	31	
> 120		.00	.00	.69	1.33	327.74	4.15	.00	.00	.00	.00	.00	.00	333.94		
TOTAL		.00	7.25	54.69	98.39	673.58	187.06	36.18	.00	.00	.00	.00	.00	1057.43		

COUNTY: 067 THURSTON

60-120	491	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	13.14	13.14		
> 120		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	13.14	13.14		
60-120	492	.00	.00	.00	.00	.00	.00	.00	.00	.00	13.06	.00	13.06	1	3.6
> 120		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	13.06	.00	13.06		
60-120	494	.00	25.60	.00	.00	.00	.00	.00	.00	.00	.00	.00	25.60	1	.5
> 120		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		.00	25.60	.00	.00	.00	.00	.00	.00	.00	.00	.00	25.60		
60-120	495	1.25	2.68	1.59	.40	.07	.00	.00	.00	.00	.00	.00	6.01	14	.6
> 120		.10	.22	.13	.03	.00	.00	.00	.00	.00	.00	.00	.51		
TOTAL		1.35	2.90	1.72	.43	.07	.00	.00	.00	.00	.00	.00	6.52		
60-120	497	.00	.00	.00	.00	.00	.00	2.32	.00	.00	.00	.00	2.32	1	2.0
> 120		.00	.00	.00	.00	.00	.00	1.56	.00	.00	.00	.00	1.56		
TOTAL		.00	.00	.00	.00	.00	.00	3.88	.00	.00	.00	.00	3.88		

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)

(INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

530 WASHINGTON

TABLE C-3 UNDERGROUND SUBBITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,
BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974
MILLION SHORT TONS

COUNTY: 067 THURSTON

THICKNESS	BED	RESERVES BY SULFUR RANGE, PERCENT										TOTAL	NO. OF ANAL	AVG S %		
		< .4	.5-.6	.7-.8	.9-1.0	1.1-1.4	1.5-1.8	1.9-2.2	2.3-2.6	2.7-3.0	> 3.0				UNKNOWN	
60-120	821	.00	1.00	.47	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.48	4	.6
> 120		.00	20.63	9.61	.00	.00	.00	.00	.00	.00	.00	.00	.00	30.25		
TOTAL		.00	21.63	10.08	.00	.00	.00	.00	.00	.00	.00	.00	.00	31.73		

COUNTY: TOTAL

60-120	12.25	29.28	2.06	.40	.07	.00	2.32	.00	.00	13.06	13.14	61.61	21
> 120	.10	20.85	9.74	.03	.00	.00	1.56	.00	.00	.00	.00	32.32	
TOTAL	12.35	50.13	11.80	.43	.07	.00	3.88	.00	.00	13.06	13.14	93.93	

STATE TOTAL

60-120	12.28	43.09	62.38	101.57	351.40	184.64	38.68	.00	.00	13.06	20.88	828.38	139
> 120	.10	20.85	10.43	1.36	327.74	4.15	1.56	.00	.00	.00	.00	366.26	
TOTAL	12.38	63.94	72.81	102.93	679.14	188.79	40.24	.00	.00	13.06	20.88	1194.64	

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)

(INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

560 WYOMING

TABLE C-3 UNDERGROUND SUBBITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,
BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974
MILLION SHORT TONS

COUNTY: 001 ALBANY

THICK NESS	BED	RESERVES BY SULFUR RANGE, PERCENT										TOTAL	NO. OF ANAL	AVG S %		
		≤ .4	.5-.6	.7-.8	.9-1.0	1.1-1.4	1.5-1.8	1.9-2.2	2.3-2.6	2.7-3.0	> 3.0				UNKNOWN	
60-120	799	.00	.00	8.79	16.69	40.80	15.22	.00	.00	.00	.00	.00	.00	81.44	6	1.1
> 120		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		.00	.00	8.79	16.69	40.80	15.22	.00	.00	.00	.00	.00	.00	81.44		

COUNTY: TOTAL

60-120		.00	.00	8.79	16.69	40.80	15.22	.00	.00	.00	.00	.00	.00	81.44	6	
> 120		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		.00	.00	8.79	16.69	40.80	15.22	.00	.00	.00	.00	.00	.00	81.44		

COUNTY: 003 BIG HORN

60-120	799	.38	.25	.29	.30	.58	.44	.27	.14	.04	.00	.00	2.74	17	1.1
> 120		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		.38	.25	.29	.30	.58	.44	.27	.14	.04	.00	.00	2.74		

COUNTY: TOTAL

60-120		.38	.25	.29	.30	.58	.44	.27	.14	.04	.00	.00	2.74	17	
> 120		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		.38	.25	.29	.30	.58	.44	.27	.14	.04	.00	.00	2.74		

COUNTY: 005 CAMPBELL

60-120	695	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	7.37	7.37		
> 120		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	6.20	6.20		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	13.57	13.57		

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)

(INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

560 WYOMING

TABLE C-3 UNDERGROUND SUBBITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,
BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974
MILLION SHORT TONS

COUNTY: 005 CAMPBELL

THICK NESS	BED	RESERVES BY SULFUR RANGE, PERCENT										UNKNOW	TOTAL	NO. OF ANAL	AVG S %	
		< .4	.5-.6	.7-.8	.9-1.0	1.1-1.4	1.5-1.8	1.9-2.2	2.3-2.6	2.7-3.0	> 3.0					
60-120	697	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	364.59	364.59		
> 120		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	165.03	165.03		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	529.62	529.62		
60-120	698	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	68.99	68.99		
> 120		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.67	.67		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	69.66	69.66		
60-120	699	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	364.26	364.26		
> 120		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	810.09	810.09		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1174.35	1174.35		
60-120	701	80.40	183.92	80.40	.00	.00	.00	.00	.00	.00	.00	.00	.00	345.08	4	.6
> 120		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		80.40	183.92	80.40	.00	.00	.00	.00	.00	.00	.00	.00	.00	345.08		
60-120	702	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	2.76	2.76		
> 120		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	2.76	2.76		
60-120	706	.00	.00	1.79	2.41	7.47	11.44	14.47	14.32	11.13	14.94	.00	.00	77.84	5	1.9
> 120		.00	.00	16.74	22.56	69.88	107.00	135.39	133.93	104.09	139.76	.00	.00	727.92		
TOTAL		.00	.00	18.53	24.97	77.35	118.44	149.86	148.25	115.22	154.70	.00	.00	805.76		
60-120	707	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	3.28	3.28		
> 120		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	3.28	3.28		
60-120	708	.00	.22	.41	.68	1.82	1.10	.22	.00	.00	.00	.00	.00	4.47	2	1.3
> 120		.00	1.45	2.70	4.44	11.85	7.17	1.45	.00	.00	.00	.00	.00	29.06		
TOTAL		.00	1.67	3.11	5.12	13.67	8.27	1.67	.00	.00	.00	.00	.00	33.53		
60-120	799	3455.54	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	3455.54	1	.4
> 120		7579.88	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	7579.88		
TOTAL		11035.42	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	11035.42		

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)

(INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

560 WYOMING

TABLE C-3 UNDERGROUND SUBBITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,
BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974
MILLION SHORT TONS

COUNTY: 005 CAMPBELL

THICKNESS	BED	RESERVES BY SULFUR RANGE, PERCENT										TOTAL	NO. OF ANAL	AVG S %		
		< .4	.5-.6	.7-.8	.9-1.0	1.1-1.4	1.5-1.8	1.9-2.2	2.3-2.6	2.7-3.0	> 3.0				UNKNOWN	
COUNTY: TOTAL																
60-120		3535.94	184.14	62.60	3.09	9.29	12.54	14.69	14.32	11.13	14.94	811.25	4694.18	12		
> 120		7579.88	1.45	19.44	27.00	81.73	114.17	136.84	133.93	104.09	139.76	981.99	9318.85			
TOTAL		11115.82	185.59	102.04	30.09	91.02	126.71	151.53	148.25	115.22	154.70	1793.24	14013.03			

COUNTY: 007 CARBON

60-120	799	130.83	324.35	501.52	287.55	110.38	6.81	.00	.00	.00	.00	.00	1362.83	359	.8
> 120		34.31	85.06	131.53	75.41	28.95	1.78	.00	.00	.00	.00	.00	357.43		
TOTAL		165.14	409.41	633.05	362.96	139.33	8.59	.00	.00	.00	.00	.00	1720.26		

COUNTY: TOTAL

60-120		130.83	324.35	501.52	287.55	110.38	6.81	.00	.00	.00	.00	.00	1362.83	359	
> 120		34.31	85.06	131.53	75.41	28.95	1.78	.00	.00	.00	.00	.00	357.43		
TOTAL		165.14	409.41	633.05	362.96	139.33	8.59	.00	.00	.00	.00	.00	1720.26		

COUNTY: 009 CONVERSE

60-120	799	115.97	191.68	212.62	152.21	113.55	19.32	.00	.00	.00	.00	.00	805.38	43	.7
> 120		38.24	63.21	70.12	50.20	37.45	6.37	.00	.00	.00	.00	.00	265.62		
TOTAL		154.21	254.89	282.74	202.41	151.00	25.69	.00	.00	.00	.00	.00	1071.00		

COUNTY: TOTAL

60-120		115.97	191.68	212.62	152.21	113.55	19.32	.00	.00	.00	.00	.00	805.38	43	
> 120		38.24	63.21	70.12	50.20	37.45	6.37	.00	.00	.00	.00	.00	265.62		
TOTAL		154.21	254.89	282.74	202.41	151.00	25.69	.00	.00	.00	.00	.00	1071.00		

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)

(INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

560 WYOMING

TABLE C-3 UNDERGROUND SUBBITUMINOUS COAL RESERVE BASE BY STATE, COUNTY, BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974
MILLION SHORT TONS

COUNTY: 013 FREMONT

THICKNESS	BED	RESERVES BY SULFUR RANGE, PERCENT											TOTAL	NO. OF ANAL	AVG S %	
		< .4	.5-.6	.7-.8	.9-1.0	1.1-1.4	1.5-1.8	1.9-2.2	2.3-2.6	2.7-3.0	> 3.0	UNKNOWN				
60-120	799	2.79	7.53	11.84	8.48	4.38	.28	.00	.00	.00	.00	.00	.00	35.37	57	.8
> 120		1.29	3.50	5.51	3.94	2.03	.13	.00	.00	.00	.00	.00	.00	16.45		
TOTAL		4.08	11.03	17.35	12.42	6.41	.41	.00	.00	.00	.00	.00	.00	51.82		

COUNTY: TOTAL

60-120		2.79	7.53	11.84	8.48	4.38	.28	.00	.00	.00	.00	.00	.00	35.37	57	
> 120		1.29	3.50	5.51	3.94	2.03	.13	.00	.00	.00	.00	.00	.00	16.45		
TOTAL		4.08	11.03	17.35	12.42	6.41	.41	.00	.00	.00	.00	.00	.00	51.82		

COUNTY: 017 HUT SPRINGS

60-120	799	7.54	18.37	16.65	6.07	1.87	.05	.00	.00	.00	.00	.00	.00	50.62	188	.6
> 120		2.10	5.11	4.63	1.69	.52	.01	.00	.00	.00	.00	.00	.00	14.10		
TOTAL		9.64	23.48	21.28	7.76	2.39	.06	.00	.00	.00	.00	.00	.00	64.72		

COUNTY: TOTAL

60-120		7.54	18.37	16.65	6.07	1.87	.05	.00	.00	.00	.00	.00	.00	50.62	188	
> 120		2.10	5.11	4.63	1.69	.52	.01	.00	.00	.00	.00	.00	.00	14.10		
TOTAL		9.64	23.48	21.28	7.76	2.39	.06	.00	.00	.00	.00	.00	.00	64.72		

COUNTY: 019 JOHNSON

60-120	280	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.70	.70		
> 120		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.70	.70		

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)
(INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

560 WYOMING

TABLE C-3 UNDERGROUND SUBBITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,
BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974
MILLION SHORT TONS

COUNTY: 019 JOHNSON

THICK NESS	BED	RESERVES BY SULFUR RANGE, PERCENT										UNKNOWN	TOTAL	NO. OF ANAL	AVG S %	
		< .4	.5-.6	.7-.8	.9-1.0	1.1-1.4	1.5-1.8	1.9-2.2	2.3-2.6	2.7-3.0	> 3.0					
60-120	681	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	8.00	8.00		
> 120		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	76.50	76.50		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	84.50	84.50		
60-120	682	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	83.20	83.20		
> 120		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	83.20	83.20		
60-120	684	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	5.50	5.50		
> 120		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	5.50	5.50		
60-120	685	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	65.80	65.80		
> 120		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	58.90	58.90		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	124.70	124.70		
60-120	687	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
> 120		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	10.70	10.70		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	10.70	10.70		
60-120	689	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	27.10	27.10		
> 120		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	27.10	27.10		
60-120	691	5.73	12.08	17.56	15.13	11.77	.00	.00	.00	.00	.00	.00	.00	62.30	8	.9
> 120		117.31	247.38	359.60	309.87	241.01	.00	.00	.00	.00	.00	.00	.00	1275.20		
TOTAL		123.04	259.46	377.16	325.00	252.78	.00	.00	.00	.00	.00	.00	.00	1337.50		
60-120	692	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
> 120		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	75.44	75.44		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	75.44	75.44		
60-120	799	.00	38.34	57.25	76.17	171.26	117.07	50.61	.00	.00	.00	.00	.00	511.23	16	1.2
> 120		.00	3.93	5.87	7.81	17.56	12.00	5.19	.00	.00	.00	.00	.00	52.44		
TOTAL		.00	42.27	63.12	83.98	188.82	129.07	55.80	.00	.00	.00	.00	.00	563.67		

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)

(INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

560 WYOMING

TABLE C-3 UNDERGROUND SUBBITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,
BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974
MILLION SHORT TONS

COUNTY: 019 JOHNSON

THICKNESS	BED	RESERVES BY SULFUR RANGE, PERCENT										TOTAL	NO. OF ANAL	AVG S %		
		< .4	.5-.6	.7-.8	.9-1.0	1.1-1.4	1.5-1.8	1.9-2.2	2.3-2.6	2.7-3.0	> 3.0				UNKNOWN	
COUNTY: TOTAL																
60-120		5.73	50.47	74.81	91.30	183.03	117.07	50.61	.00	.00	.00	190.30	763.83	24		
> 120		117.31	251.31	365.47	317.68	258.57	12.00	5.19	.00	.00	.00	221.54	1549.18			
TOTAL		123.04	301.73	440.28	408.98	441.60	129.07	55.80	.00	.00	.00	411.84	2313.01			

COUNTY: 025 NATRONA

60-120	799	.00	6.39	9.27	8.95	8.71	1.24	.00	.00	.00	.00	.00	34.59	13	.8
> 120		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		.00	6.39	9.27	8.95	8.71	1.24	.00	.00	.00	.00	.00	34.59		

COUNTY: TOTAL

60-120		.00	6.39	9.27	8.95	8.71	1.24	.00	.00	.00	.00	.00	34.59	13	
> 120		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		.00	6.39	9.27	8.95	8.71	1.24	.00	.00	.00	.00	.00	34.59		

COUNTY: 029 PARK

60-120	799	4.25	4.59	5.09	3.91	3.28	.00	.00	.00	.00	.00	.00	21.05	35	.7
> 120		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		4.25	4.59	5.09	3.91	3.28	.00	.00	.00	.00	.00	.00	21.05		

COUNTY: TOTAL

60-120		4.25	4.59	5.09	3.91	3.28	.00	.00	.00	.00	.00	.00	21.05	35	
> 120		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		4.25	4.59	5.09	3.91	3.28	.00	.00	.00	.00	.00	.00	21.05		

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)

(INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

560 WYOMING

TABLE C-3 UNDERGROUND SUBBITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,
BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974
MILLION SHORT TONS

COUNTY: 033 SHERIDAN

THICK NESS	BED	RESERVES BY SULFUR RANGE, PERCENT											TOTAL	NO. OF ANAL	AVG S %	
		< .4	.5-.6	.7-.8	.9-1.0	1.1-1.4	1.5-1.8	1.9-2.2	2.3-2.6	2.7-3.0	> 3.0	UNKNOWN				
60-120	279	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	5.60	5.60		
> 120		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	5.60	5.60		
60-120	681	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
> 120		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	23.40	23.40		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	23.40	23.40		
60-120	682	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	193.20	193.20		
> 120		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	193.20	193.20		
60-120	687	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.50	.50		
> 120		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.50	.50		
60-120	689	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.10	1.10		
> 120		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.10	1.10		
60-120	691	.00	2.90	2.90	.00	.00	.00	.00	.00	.00	.00	.00	.00	5.80	2	.7
> 120		.00	200.05	200.05	.00	.00	.00	.00	.00	.00	.00	.00	.00	400.10		
TOTAL		.00	202.95	202.95	.00	.00	.00	.00	.00	.00	.00	.00	.00	405.90		
60-120	692	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
> 120		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.40	.40		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.40	.40		
60-120	694	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.30	.30		
> 120		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	6.60	6.60		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	6.90	6.90		
60-120	695	.15	.35	.37	.16	.06	.00	.00	.00	.00	.00	.00	.00	1.11	67	.7
> 120		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		.15	.35	.37	.16	.06	.00	.00	.00	.00	.00	.00	.00	1.11		

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)

(INCLUDES ONLY COAL FROM MEASURED AND INDICATOR CATEGORIES OF RELIABILITY)

560 WYOMING

TABLE C-3 UNDERGROUND SUBBITUMINOUS COAL RESERVE BASE BY STATE, COUNTY, BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974
MILLION SHORT TONS

COUNTY: 033 SHERIDAN

THICKNESS	BED	RESERVES BY SULFUR RANGE, PERCENT										UNKNOWN	TOTAL	NO. OF ANAL	AVG S %
		< .4	.5-.6	.7-.8	.9-1.0	1.1-1.4	1.5-1.8	1.9-2.2	2.3-2.6	2.7-3.0	> 3.0				
60-120	697	24.67	66.71	52.08	.00	.00	.00	.00	.00	.00	.00	.00	143.48	8	.7
> 120		11.01	29.78	23.25	.00	.00	.00	.00	.00	.00	.00	.00	64.05		
TOTAL		35.68	96.49	75.33	.00	.00	.00	.00	.00	.00	.00	.00	207.53		
60-120	698	.00	1.74	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.74	2	.5
> 120		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		.00	1.74	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.74		
60-120	699	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	255.27	255.27		
> 120		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	204.74	204.74		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	460.01	460.01		
60-120	701	.00	18.39	41.81	52.15	31.46	.00	.00	.00	.00	.00	.00	143.69	4	.9
> 120		.00	1.87	4.26	5.32	3.21	.00	.00	.00	.00	.00	.00	14.67		
TOTAL		.00	20.26	46.07	57.47	34.67	.00	.00	.00	.00	.00	.00	158.36		
60-120	702	.00	.00	.00	.00	7.57	14.44	12.59	5.43	1.07	.00	.00	41.16	5	1.7
> 120		.00	.00	.00	.00	.06	.12	.11	.04	.00	.00	.00	.37		
TOTAL		.00	.00	.00	.00	7.63	14.56	12.70	5.47	1.07	.00	.00	41.53		
60-120	787	.00	.00	.00	.00	.00	19.92	.00	.00	.00	.00	.00	19.92	1	1.8
> 120		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		.00	.00	.00	.00	.00	19.92	.00	.00	.00	.00	.00	19.92		
60-120	799	320.81	461.84	398.30	220.07	130.18	17.04	.00	.00	.00	.00	.00	1549.83	22	.6
> 120		437.36	629.64	543.01	300.03	177.48	23.24	.00	.00	.00	.00	.00	2112.89		
TOTAL		758.17	1091.48	941.31	520.10	307.66	40.28	.00	.00	.00	.00	.00	3662.72		
60-120	977	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.50	.50		
> 120		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.50	.50		
COUNTY: TOTAL															
60-120		345.63	551.93	475.46	272.38	169.27	51.40	12.59	5.43	1.07	.00	456.47	2363.20	111	
> 120		448.37	861.34	770.57	305.35	180.75	23.36	.11	.04	.00	.00	235.14	2827.22		
TOTAL		794.00	1413.27	1246.03	577.73	350.02	74.76	12.70	5.47	1.07	.00	691.61	5190.42		

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)

(INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

560 WYOMING

TABLE C-3 UNDERGROUND SUBBITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,
BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974
MILLION SHORT TONS

COUNTY: 037 SWEETWATER

THICK NESS	BED	RESERVES BY SULFUR RANGE, PERCENT											UNKNOWN	TOTAL	NO. OF ANAL	AVG S %
		< .4	.5-.6	.7-.8	.9-1.0	1.1-1.4	1.5-1.8	1.9-2.2	2.3-2.6	2.7-3.0	> 3.0					
60-120	799	10.67	11.11	11.78	12.23	24.90	24.68	23.57	21.12	18.45	63.82	.00	222.38	32	1.2	
> 120		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00			
TOTAL		10.67	11.11	11.78	12.23	24.90	24.68	23.57	21.12	18.45	63.82	.00	222.38			

COUNTY: TOTAL

60-120		10.67	11.11	11.78	12.23	24.90	24.68	23.57	21.12	18.45	63.82	.00	222.38	32	
> 120		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		10.67	11.11	11.78	12.23	24.90	24.68	23.57	21.12	18.45	63.82	.00	222.38		

COUNTY: 041 UINTE

60-120	799	5.08	3.32	3.86	4.40	9.96	10.37	9.35	7.45	5.28	8.61	.00	67.81	58	1.3
> 120		4.83	3.15	3.67	4.18	9.47	9.85	8.89	7.08	5.02	8.18	.00	64.43		
TOTAL		9.91	6.47	7.53	8.58	19.43	20.22	18.24	14.53	10.30	16.79	.00	132.24		

COUNTY: TOTAL

60-120		5.08	3.32	3.86	4.40	9.96	10.37	9.35	7.45	5.28	8.61	.00	67.81	58	
> 120		4.83	3.15	3.67	4.18	9.47	9.85	8.89	7.08	5.02	8.18	.00	64.43		
TOTAL		9.91	6.47	7.53	8.58	19.43	20.22	18.24	14.53	10.30	16.79	.00	132.24		

COUNTY: 043 WASHAKIE

60-120	799	.00	1.36	3.42	4.40	2.48	.00	.00	.00	.00	.00	.00	11.68	3	1.0
> 120		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		.00	1.36	3.42	4.40	2.48	.00	.00	.00	.00	.00	.00	11.68		

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)

(INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

560 WYOMING

TABLE C-3 UNDERGROUND SUBBITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,
BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974
MILLION SHORT TONS

COUNTY: 043 WASHAKIE

THICKNESS	BED	RESERVES BY SULFUR RANGE, PERCENT										TOTAL	NO. OF ANAL	AVG S %	
		< .4	.5-.6	.7-.9	.9-1.0	1.1-1.4	1.5-1.8	1.9-2.2	2.3-2.6	2.7-3.0	> 3.0				UNKNOWN
COUNTY:		TOTAL													
60-120		.00	1.36	3.42	4.40	2.48	.00	.00	.00	.00	.00	.00	11.68	3	
> 120		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		
TOTAL		.00	1.36	3.42	4.40	2.48	.00	.00	.00	.00	.00	.00	11.68		

COUNTY: 045 WESTON

60-120	799	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	36.31	36.31	
> 120		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	36.31	36.31	

COUNTY: TOTAL

60-120		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	36.31	36.31	
> 120		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	
TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	36.31	36.31	

STATE TOTAL

60-120	4164.81	1355.35	1438.00	871.96	682.48	259.42	111.08	48.46	35.97	87.37	1494.33	10553.41	958
> 120	8226.33	1274.13	1370.94	785.45	599.47	167.67	151.03	141.05	109.11	147.94	1438.67	14413.28	
TOTAL	12391.14	2629.48	2808.94	1657.41	1281.95	427.09	262.11	189.51	145.08	235.31	2933.00	24966.69	

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)

(INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

WESTERN U.S. TOTAL

TABLE C-3 UNDERGROUND SUBBITUMINOUS COAL RESERVE BASE BY STATE, COUNTY,
 BED, THICKNESS AND SULFUR RANGE - JANUARY 1, 1974
 MILLION SHORT TONS

THICK NESS	BED	RESERVES BY SULFUR RANGE, PERCENT										TOTAL	NO. OF ANAL	AVG S %	
		< .4	.5-.6	.7-.8	.9-1.0	1.1-1.4	1.5-1.8	1.9-2.2	2.3-2.6	2.7-3.0	> 3.0				UNKNOWN
60-120		20838.49	12935.55	9535.61	3806.02	1342.29	500.45	817.62	52.70	37.01	100.77	2694.38	52703.79	4657	
> 120		21879.18	11542.85	7239.62	2759.69	1138.35	203.92	481.18	141.14	109.12	147.94	1875.56	47507.51		
TOTAL		42717.67	24478.40	16825.23	6565.71	2480.64	704.37	1298.80	193.84	146.13	248.71	4569.94	100211.30		

(DISTRIBUTION MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING)

(INCLUDES ONLY COAL FROM MEASURED AND INDICATED CATEGORIES OF RELIABILITY)

APPENDIX D.--AVERAGE ANALYSES OF COAL, BY STATE, COUNTY, AND BED

TABLE D. AVERAGE ANALYSES OF COAL BY STATE, COUNTY, AND BED

STATE: 02 ALASKA

COUNTY	BED	MOISTURE		ASH		SULFUR		M&AF	A.R.	RTU		NO. OF ANAL
		A.R.	A.R.	DRY	A.R.	DRY	M&AF			DRY	M&AF	
COOK INLET SIUSITNA	001	8.2	12.4	13.6	.1	.2	.2	11,330	12,350	14,290	1467	
	799	12.3	11.5	13.2	.3	.4	.4	10,380	11,840	13,640	72	
	COUNTY AVERAGE	8.3	12.4	13.6	.1	.2	.2	11,310	12,340	14,280	1539	
KENAI PENINSULA	799	21.0	10.5	13.4	.3	.5	.5	8,330	10,540	12,170	9	
	COUNTY AVERAGE	21.0	10.5	13.4	.3	.5	.5	8,330	10,540	12,170	9	
NORTHERN ALASKA	799	11.3	7.1	8.1	.3	.4	.4	10,910	12,300	13,380	32	
	COUNTY AVERAGE	11.3	7.1	8.1	.3	.4	.4	10,910	12,300	13,380	32	
YUKON RIVER	001	22.6	8.5	11.1	.1	.2	.2	8,630	11,150	12,550	3271	
	799	25.9	9.4	12.8	.2	.3	.3	7,680	10,370	11,890	45	
	COUNTY AVERAGE	22.6	8.5	11.1	.1	.2	.2	8,630	11,150	12,540	3316	
STATE AVERAGE		18.0	9.7	11.9	.1	.2	.2	9,440	11,530	13,090	4896	

TABLE D. AVERAGE ANALYSES OF COAL BY STATE, COUNTY, AND RED

STATE: 04 ARIZONA

COUNTY	RED	MOISTURE		ASH		SULFUR		A.P.	BTU DRY	M&AF	NO. OF ANAL
		A.P.	A.P.	DRY	A.P.	DRY	M&AF				
APACHE	799	12.8	20.8	23.9	1.3	1.5	1.9	8,920	10,230	13,440	3
	COUNTY AVERAGE	12.8	20.8	23.9	1.3	1.5	1.9	8,920	10,230	13,440	3
COCONINO	799	10.2	11.7	13.1	.8	.9	1.0	10,210	11,370	13,080	5
	COUNTY AVERAGE	10.2	11.7	13.1	.8	.9	1.0	10,210	11,370	13,080	5
NAVAJO	502	11.8	6.4	7.3	.6	.7	.7	11,090	12,580	13,560	2
	503	11.2	7.6	8.6	.3	.4	.4	10,980	12,370	13,530	4
	799	11.0	13.4	15.1	.8	.9	1.0	10,260	11,530	13,580	30
	COUNTY AVERAGE	11.1	12.4	14.0	.7	.8	.9	10,390	11,680	13,580	36
PINAL	799	2.1	46.5	47.5	1.6	1.7	3.2				4
	COUNTY AVERAGE	2.1	46.5	47.5	1.6	1.7	3.2				4
	STATE AVERAGE	10.4	15.5	17.3	.8	.9	1.0	10,350	11,550	13,960	48

TABLE D. AVERAGE ANALYSES OF COAL BY STATE, COUNTY, AND BED

STATE: 05 ARKANSAS

COUNTY	BED	MOISTURE		ASH		SULFUR			BTU		NO. OF ANAL
		A.R.	A.P.	DRY	A.R.	DRY	M&AF	A.R.	DRY	M&AF	
FRANKLIN	554	2.5	7.3	7.5	1.9	2.0	2.1	14,080	14,440	15,610	5
	563	3.7	8.1	8.5	1.6	1.7	1.8	13,670	14,200	15,520	28
	799	2.9	6.3	6.5	3.3	3.4	3.6	14,200	14,620	15,640	1
	COUNTY AVERAGE	3.5	8.0	8.3	1.7	1.8	1.9	13,750	14,250	15,540	34
JOHNSON	554	3.0	5.0	5.2	.6	.7	.7	14,350	14,810	15,620	3
	563	4.3	7.5	7.9	3.5	3.7	4.0	13,580	14,200	15,420	1
	563	2.2	8.9	9.2	2.3	2.4	2.6	13,670	13,980	15,400	82
	COUNTY AVERAGE	2.3	8.8	9.1	2.2	2.3	2.5	13,690	14,010	15,410	86
LOGAN	551	1.6	11.2	11.4	2.0	2.1	2.3	13,530	13,750	15,520	87
	563	3.6	7.1	7.4	1.0	1.1	1.1	13,760	14,270	15,410	5
	COUNTY AVERAGE	1.7	10.9	11.2	1.9	2.0	2.2	13,530	13,780	15,510	92
POPE	563	2.2	10.5	10.8	1.7	1.8	2.0	13,420	13,730	15,390	6
	COUNTY AVERAGE	2.2	10.5	10.8	1.7	1.8	2.0	13,420	13,730	15,390	6
SCOTT	563	1.9	9.1	9.3	1.0	1.1	1.2	13,800	14,060	15,510	17
	COUNTY AVERAGE	1.9	9.1	9.3	1.0	1.1	1.2	13,800	14,060	15,510	17
SEBASTIAN	562	1.6	7.9	8.1	.8	.9	.9	14,040	14,270	15,530	143
	563	2.5	9.3	9.6	1.3	1.4	1.5	13,660	14,010	15,500	116
	COUNTY AVERAGE	2.0	8.6	8.8	1.0	1.1	1.2	13,870	14,150	15,520	259
	STATE AVERAGE	2.1	9.1	9.3	1.5	1.6	1.7	13,760	14,060	15,500	494

TABLE D. AVERAGE ANALYSES OF COAL BY STATE, COUNTY, AND RED

STATE: 06 CALIFORNIA

COUNTY	RED	MOISTURE		ASH		SULFUR		M&AF	A.R.	RTU DRY	M&AF	NO. OF ANAL
		A.R.	A.P.	DRY	A.P.	DRY	DRY					
AMADOR	799	43.0	11.2	19.7	1.1	2.0	2.4	5.880	10.310	12.840	2	
	COUNTY AVERAGE	43.0	11.2	19.7	1.1	2.0	2.4	5.880	10.310	12.840	2	
CONTRA COSTA	799	15.0	12.0	14.2	5.6	6.6	7.6	9.240	10.870	12.670	1	
	COUNTY AVERAGE	15.0	12.0	14.2	5.6	6.6	7.6	9.240	10.870	12.670	1	
MONTEREY	799	6.2	12.1	13.0	4.4	4.7	5.4	11.750	12.530	14.400	3	
	COUNTY AVERAGE	6.2	12.1	13.0	4.4	4.7	5.4	11.750	12.530	14.400	3	
	STATE AVERAGE	19.9	12.3	15.4	3.2	4.1	4.8	9.220	11.510	13.610	6	

TABLE D. AVERAGE ANALYSES OF COAL BY STATE, COUNTY, AND BED

STATE: 08 COLORADO

COUNTY	BED	MOISTURE		ASH		SULFUR			BTU		NO. OF ANAL
		A.R.	A.R.	DRY	A.R.	DRY	M&AF	A.R.	DRY	M&AF	
ADAMS	799	23.7	6.0	7.9	.3	.4	.4	8,670	11,370	12,340	4
	COUNTY AVERAGE	23.7	6.0	7.9	.3	.4	.4	8,670	11,370	12,340	4
ARCHULETA	799	3.7	13.0	13.6	.6	.7	.8	12,370	12,850	14,870	20
	COUNTY AVERAGE	3.7	13.0	13.6	.6	.7	.8	12,370	12,850	14,870	20
BOULDER	039	20.5	3.5	4.5	.3	.5	.5	9,980	12,560	13,150	6
	799	19.1	5.9	7.3	.3	.4	.4	9,940	12,280	13,250	159
	COUNTY AVERAGE	19.1	5.8	7.2	.3	.4	.4	9,940	12,290	13,240	165
DELTA	753	3.9	4.4	4.6	.3	.4	.4	13,400	13,940	14,610	1
	754	8.8	3.8	4.2	.4	.5	.5	12,380	13,570	14,170	19
	799	9.8	6.3	7.0	.5	.6	.6	11,860	13,150	14,140	254
	978	6.6	7.9	8.5	.4	.5	.5	12,450	13,330	14,570	1
	COUNTY AVERAGE	9.7	6.1	6.8	.5	.6	.6	11,910	13,180	14,150	275
DOUGLAS	799			8.7		1.8	1.9				2
	COUNTY AVERAGE			8.7		1.8	1.9				2
ELBERT	799	32.9	8.0	12.0	.4	.7	.7	6,330	9,430	10,720	1
	COUNTY AVERAGE	32.9	8.0	12.0	.4	.7	.7	6,330	9,430	10,720	1
EL PASO	030	24.3	5.5	7.3	.3	.4	.4	8,710	11,500	12,410	39
	733	22.0	6.2	8.0	.2	.3	.3	8,930	11,450	12,440	225
	COUNTY AVERAGE	22.4	6.1	7.9	.2	.3	.3	8,890	11,460	12,440	264
FREMONT	001	8.3	6.5	7.1	1.3	1.5	1.6	11,840	12,910	13,890	16
	002	11.0	9.0	10.2	.3	.4	.4	10,820	12,160	13,540	146
	712	8.6	7.4	8.1	.6	.7	.7	11,620	12,710	13,830	19
	732	8.3	7.7	8.5	.8	.9	.9	11,680	12,740	13,920	26
	736	10.6	9.8	11.0	2.3	2.6	2.9	10,820	12,100	13,590	2
	744	8.6	9.2	10.1	.6	.7	.7	11,330	12,390	13,780	23
	749	9.0	9.1	10.1	.5	.6	.6	11,410	12,540	13,950	4
	758	10.1	9.1	10.2	.3	.4	.4	10,960	12,190	13,570	445
	765	8.9	7.1	7.9	.7	.8	.8	11,460	12,580	13,660	111
	767	9.1	9.5	10.5	1.2	1.4	1.5	11,260	12,390	13,840	9

TABLE D. AVERAGE ANALYSES OF COAL BY STATE, COUNTY, AND RED

STATE: 08 COLORADO

COUNTY	RED	MOISTURE		ASH		SULFUR			BTU		NO. OF ANAL
		A.R.	A.R.	DRY	A.R.	DRY	M&AF	A.R.	DRY	M&AF	
FREMONT	799	10.3	8.8	9.9	.4	.5	.5	10,980	12,240	13,580	470
	971	10.9	9.6	10.8	.8	1.0	1.1	10,790	12,110	13,580	1
	COUNTY AVERAGE	10.1	8.8	9.8	.4	.5	.5	11,030	12,270	13,600	1272
GARFIELD	063	5.8	7.3	7.8	.2	.3	.3	12,350	13,110	14,220	4
	067	11.4	9.3	10.6	.5	.6	.6	11,140	12,570	14,060	1
	704	6.9	9.9	10.7	.9	1.0	1.1	11,710	12,580	14,080	6
	715	5.5	8.4	9.0	.4	.5	.5	12,010	12,720	13,980	17
	718	4.4	4.3	4.6	.4	.5	.5	13,290	13,910	14,580	5
	753	7.7	7.1	7.7	.8	.9	.9	12,100	13,110	14,200	1
	754	6.3	4.4	4.8	.8	.9	.9	12,340	13,170	13,830	3
	755	6.4	3.5	3.8	.6	.7	.7	12,830	13,710	14,250	7
	756	6.5	4.6	5.0	.4	.5	.5	12,390	13,250	13,950	1
	759	6.6	6.1	6.6	.4	.5	.5	12,370	13,250	14,180	25
	799	6.7	7.7	8.3	.9	1.0	1.0	12,060	12,940	14,110	188
	COUNTY AVERAGE	6.6	7.4	8.0	.8	.9	.9	12,130	12,990	14,120	258
	GUNNISON	001	5.5	10.1	10.7	.4	.5	.5	12,110	12,820	14,360	21
051		6.7	4.3	4.7	.5	.6	.6	12,020	13,970	14,660	2
052		9.8	5.4	6.0	.7	.8	.8	11,970	13,270	14,120	7
053		4.7	4.2	4.5	.3	.4	.4	13,220	13,870	14,530	2
054		9.4	4.8	5.3	.3	.4	.4	12,200	13,470	14,220	1
055		6.1	4.3	4.6	1.0	1.1	1.1	12,170	12,960	13,590	1
056		3.3	5.1	5.3	.6	.7	.7	13,990	14,470	15,280	1
059		3.0	7.4	7.7	.6	.7	.7	13,490	13,920	15,080	1
753		5.2	8.5	9.0	.3	.4	.4	12,490	13,180	14,480	33
754		5.5	6.1	6.5	.4	.5	.5	12,740	13,500	14,440	127
755		5.8	6.5	7.0	.4	.5	.5	12,630	13,410	14,410	40
756		5.6	4.4	4.7	.4	.5	.5	13,040	13,830	14,510	87
799		7.0	5.9	6.4	.5	.6	.6	12,480	13,420	14,340	86
COUNTY AVERAGE		5.9	6.1	6.5	.4	.5	.5	12,690	13,490	14,420	409
HUERFANO		001	5.9	12.4	13.2	.5	.6	.6	11,380	12,090	13,930	3
	207	6.3	11.9	12.8	.5	.6	.6	12,040	12,850	14,740	4
	208	3.6	11.5	12.0	.5	.6	.6	12,400	12,860	14,620	1
	217	7.8	8.2	8.9	.4	.5	.5	11,720	12,710	13,950	7
	218	7.5	9.8	10.7	.4	.5	.5	11,760	12,710	14,230	9
	220	7.2	12.5	13.5	.5	.6	.6	11,320	12,200	14,100	5
	722	3.3	10.1	10.5	.6	.7	.7	12,640	13,070	14,610	21
	725	6.6	11.3	12.2	.4	.5	.5	11,460	12,270	13,980	23

TABLE D. AVERAGE ANALYSES OF COAL BY STATE, COUNTY, AND BED

STATE: 08 COLORADO

COUNTY	BED	MOISTURE		ASH		SULFUR			BTU		NO. OF ANAL
		A.R.	A.R.	DRY	A.R.	DRY	M&AF	A.R.	DRY	M&AF	
HUERFANO	730	5.0	13.2	13.9	.5	.6	.6	11,620	12,230	14,210	9
	745	5.1	10.4	11.0	.4	.5	.5	11,940	12,580	14,130	92
	763	5.0	11.0	11.6	.7	.8	.9	11,990	12,620	14,280	115
	799	5.2	10.8	11.4	.6	.7	.7	11,840	12,490	14,090	70
	COUNTY AVERAGE	5.2	10.8	11.4	.6	.7	.7	11,920	12,580	14,190	359
JACKSON	044	18.7	9.7	12.0	.8	1.0	1.1	9,240	11,370	12,920	2
	045	19.7	3.5	4.4	.7	.9	.9	10,290	12,810	13,400	1
	046	18.7	8.6	10.7	.4	.5	.5	9,350	11,500	12,880	5
	049	17.2	3.9	4.8	.1	.2	.2	10,390	12,550	13,180	6
	799	15.4	5.5	6.6	.3	.4	.4	10,310	12,190	13,050	22
COUNTY AVERAGE	16.5	5.9	7.1	.3	.4	.4	10,120	12,120	13,050	36	
JEFFERSON	799	18.9	4.6	5.7	.3	.4	.4	9,850	12,150	12,880	24
	COUNTY AVERAGE	18.9	4.6	5.7	.3	.4	.4	9,850	12,150	12,880	24
LA PLATA	232	7.1	12.6	13.6	.5	.6	.6				1
	799	3.9	7.2	7.5	1.4	1.5	1.6	13,120	13,650	14,750	270
	COUNTY AVERAGE	3.9	7.2	7.5	1.4	1.5	1.6	13,120	13,650	14,750	271
LARIMER	799	31.9	8.1	12.0	1.6	2.4	2.7	7,470	10,970	12,470	7
	COUNTY AVERAGE	31.9	8.1	12.0	1.6	2.4	2.7	7,470	10,970	12,470	7
LAS ANIMAS	190	2.5	16.9	17.4	.8	.9	1.0	11,990	12,300	14,890	1
	191	2.4	13.1	13.5	.5	.6	.6	12,750	13,070	15,100	2
	196	2.4	16.0	16.4	.4	.5	.5	12,610	12,920	15,450	5
	200	3.7	12.8	13.3	.5	.6	.6	13,310	13,830	15,950	4
	202	3.4	11.2	11.6	.6	.7	.7	13,020	13,470	15,240	9
	211	2.0	15.6	16.0	.6	.7	.8	12,470	12,720	15,150	1
	212	2.3	11.0	11.3	.6	.7	.7	13,440	13,760	15,510	1
	516	4.0	20.4	21.3	.3	.4	.5	11,270	11,740	14,920	7
	709	1.9	16.6	17.0	.6	.7	.8	12,330	12,570	15,150	3
	711	1.8	18.0	18.4	.6	.7	.8	12,200	12,440	15,240	16
	717	1.8	14.7	15.0	.6	.7	.8	12,680	12,920	15,200	13
	719	2.1	18.7	19.2	.6	.7	.8	11,920	12,180	15,070	1
	722	3.1	10.7	11.1	.4	.5	.5	12,550	12,960	14,580	1
	724	2.2	12.4	12.7	.5	.6	.6	12,620	12,900	14,780	35
	725	2.3	12.4	12.7	.5	.6	.6	12,600	12,900	14,770	115

TABLE D. AVERAGE ANALYSES OF COAL BY STATE, COUNTY, AND BED

STATE: 08 COLORADO

COUNTY	BED	MOISTURE		ASH		SULFUR			RTU		NO. OF ANAL
		A.R.	A.P.	DRY	A.R.	DRY	M&AF	A.R.	DRY	M&AF	
LAS ANIMAS	729	1.8	16.0	16.4	.4	.5	.5	12,510	12,760	15,260	7
	730	2.7	10.4	10.7	.5	.6	.6	12,780	13,140	14,710	4
	735	2.4	15.7	16.1	.6	.7	.8	12,080	12,380	14,760	9
	739	3.1	10.0	10.4	.4	.5	.5	12,700	13,120	14,640	1
	741	1.9	18.5	18.9	.4	.5	.6	11,980	12,210	15,050	22
	742	1.6	14.8	15.1	.5	.6	.7	12,600	12,800	15,080	67
	747	3.4	11.3	11.7	.6	.7	.7	12,770	13,220	14,970	6
	751	2.7	16.6	17.1	.4	.5	.6	11,990	12,320	14,860	57
	763	2.1	10.6	10.9	.5	.6	.6	13,010	13,290	14,910	37
	764	1.8	10.0	10.2	.5	.6	.6	13,250	13,510	15,040	105
	799	2.4	12.3	12.7	.5	.6	.6	12,700	13,010	14,900	82
	970	1.6	15.1	15.4	.6	.7	.8	12,500	12,700	15,010	56
	COUNTY AVERAGE		2.1	13.3	13.6	.5	.6	.6	12,640	12,910	14,950	667
MESA	066	9.4	5.8	6.5	1.0	1.2	1.2	12,120	13,380	14,310	1
	727	8.7	8.2	9.0	.7	.8	.8	11,830	12,960	14,240	129
	770	7.5	9.8	10.6	.5	.6	.6	11,750	12,710	14,210	160
	799	8.8	7.0	7.7	.8	.9	.9	12,070	13,240	14,340	20
	COUNTY AVERAGE		8.1	8.9	9.8	.6	.7	.7	11,790	12,850	14,240	310
MOFFAT	074	17.6	5.7	7.0	.4	.5	.5	9,930	12,050	12,960	5
	170	12.5	6.8	7.8	.7	.8	.8	10,860	12,410	13,460	1
	769	10.8	3.4	3.9	.2	.3	.3	11,710	13,130	13,660	74
	799	14.6	5.7	6.7	.2	.3	.3	10,650	12,470	13,360	7
	COUNTY AVERAGE		11.5	3.8	4.3	.2	.3	.3	11,510	13,000	13,590	87
MONTEZUMA	799	5.5	7.9	8.4	.5	.6	.6	12,750	13,510	14,750	18
	COUNTY AVERAGE		5.5	7.9	8.4	.5	.6	.6	12,750	13,510	14,750	18
MONTROSE	799	5.4	9.4	10.0	.6	.7	.7	12,390	13,090	14,550	17
	COUNTY AVERAGE		5.4	9.4	10.0	.6	.7	.7	12,390	13,090	14,550	17
OURAY	799	15.7	7.5	8.9	.5	.7	.7	10,140	12,030	13,200	2
	COUNTY AVERAGE		15.7	7.5	8.9	.5	.7	.7	10,140	12,030	13,200	2
PARK	040	15.5	6.3	7.5	.4	.5	.5	9,770	11,570	12,510	1
	799	15.5	6.4	7.6	.5	.6	.6	9,770	11,570	12,530	1
	COUNTY AVERAGE		15.5	6.3	7.5	.4	.5	.5	9,770	11,570	12,510	2

TABLE D. AVERAGE ANALYSES OF COAL BY STATE, COUNTY, AND BED

STATE: 08 COLORADO

COUNTY	BED	MOISTURE		ASH		SULFUR		A.P.	BTU DRY	M&AF	NO. OF ANAL	
		A.R.	A.P.	DRY	A.R.	DRY	M&AF					
PITKIN	064	2.2	6.6	6.8	.4	.5	.5	14,120	14,440	15,490	1	
	704	3.5	13.6	14.1	1.1	1.2	1.3	12,830	13,300	15,480	1	
	705	2.6	8.6	8.9	.9	1.0	1.0	13,740	14,110	15,490	1	
	71A	3.0	7.3	7.6	.5	.6	.6	13,670	14,100	15,260	4	
	759	2.3	7.3	7.5	.4	.5	.5	13,750	14,070	15,210	12	
	799	4.0	8.5	8.9	.5	.6	.6	13,780	14,360	15,760	4	
	974	4.8	12.2	12.9	.8	.9	1.0	12,690	13,330	15,300	1	
	975	3.1	11.9	12.3	1.0	1.1	1.2	13,200	13,640	15,550	1	
	COUNTY AVERAGE		2.8	8.1	8.4	.5	.6	.6	13,660	14,060	15,340	25
RIO BLANCO	799	11.7	6.0	6.9	.4	.5	.5	11,210	12,710	13,650	65	
COUNTY AVERAGE		11.7	6.0	6.9	.4	.5	.5	11,210	12,710	13,650	65	
ROUTT	065	15.0	4.3	5.1	.5	.6	.6	10,940	12,870	13,560	4	
	151	11.8	7.2	8.2	.4	.5	.5				3	
	178	9.8	5.4	6.0	.4	.5	.5	11,760	13,040	13,870	6	
	180	10.5	5.6	6.3	.8	1.0	1.0	11,760	13,150	14,030	7	
	18A	9.0	5.3	5.9	.4	.5	.5	11,970	13,150	13,980	1	
	73A	9.9	9.9	11.0	.4	.5	.5	10,920	12,120	13,610	7	
	748	8.4	6.6	7.3	.5	.6	.6	11,840	12,930	13,950	17A	
	750	9.8	7.1	7.9	.4	.5	.5	11,330	12,570	13,640	851	
	760	8.7	4.0	4.4	1.7	1.9	1.9	12,030	13,170	13,780	335	
	762	14.4	5.4	6.4	.3	.4	.4	10,870	12,700	13,560	5	
	799	9.4	7.4	8.2	.8	.9	.9	11,530	12,730	13,860	205	
	COUNTY AVERAGE		9.4	6.4	7.1	.8	.9	.9	11,560	12,760	13,730	1602
	SAN MIGUEL	799	2.8	7.9	8.2	1.4	1.5	1.6	13,400	13,790	15,020	1
COUNTY AVERAGE		2.8	7.9	8.2	1.4	1.5	1.6	13,400	13,790	15,020	1	
WELD	799	21.2	4.8	6.2	.3	.4	.4	9,810	12,460	13,280	2012	
	COUNTY AVERAGE		21.2	4.8	6.2	.3	.4	9,810	12,460	13,280	2012	
	STATE AVERAGE		11.8	7.2	8.2	.5	.6	.6	11,160	12,650	13,780	8175

TABLE D. AVERAGE ANALYSES OF COAL BY STATE, COUNTY, AND BED

STATE: 16 IDAHO

COUNTY	BED	MOISTURE		ASH		SULFUR		A.P.	BTU		NO. OF ANAL
		A.R.	A.R.	DRY	A.R.	DRY	M&AF		DRY	M&AF	
TETON	608	5.0	5.9	6.3	.3	.4	.4	12,800	13,470	14,380	1
	799	6.2	5.9	6.3	1.0	1.1	1.1	12,500	13,320	14,220	9
COUNTY AVERAGE		6.1	5.9	6.3	.9	1.0	1.0	12,520	13,340	14,230	10
STATE AVERAGE		6.1	5.9	6.3	.9	1.0	1.0	12,520	13,340	14,230	10

TABLE D. AVERAGE ANALYSES OF COAL BY STATE, COUNTY, AND BED

STATE: 19 IOWA

COUNTY	RED	MOISTURE		ASH		SULFUR		M&AF	A.P.	RTU DRY	M&AF	NO. OF ANAL
		A.R.	A.P.	DRY	A.P.	DRY	M&AF					
ADAMS	442	8.6	11.0	12.1	4.0	4.4	5.0					4
	COUNTY AVERAGE	8.6	11.0	12.1	4.0	4.4	5.0					4
APPANOOSE	484	16.2	11.9	14.3	4.2	5.1	5.9	10.070	12.020	14.020		74
	799	14.4	8.5	10.0	4.0	4.7	5.2	10.910	12.750	14.170		3
	COUNTY AVERAGE	16.1	11.9	14.2	4.2	5.1	5.9	10.110	12.050	14.040		77
BOONE	548	20.3	17.3	21.8	7.0	8.9	11.3	8.440	10.590	13.540		7
	549	15.8	9.7	11.6	4.3	5.2	5.8	10.660	12.660	14.320		6
	COUNTY AVERAGE	18.2	13.9	17.1	5.8	7.2	8.6	9.370	11.450	13.810		13
CASS	799			15.0		3.7	4.3					3
	COUNTY AVERAGE			15.0		3.7	4.3					3
DALLAS	530	15.3	17.5	20.7	4.2	5.0	6.3	9.370	11.070	13.960		33
	550	16.6	14.0	16.8	4.1	5.0	6.0	9.700	11.630	13.980		13
	COUNTY AVERAGE	15.6	16.5	19.6	4.2	5.0	6.2	9.470	11.230	13.960		46
DAVIS	529	3.5	9.6	10.0	5.4	5.6	6.2					2
	799	12.2	16.6	19.0	7.5	8.6	10.6	9.990	11.380	14.050		1
	COUNTY AVERAGE	6.4	12.1	13.0	6.1	6.6	7.5	10.650	11.380	13.080		3
DECATUR	799	4.6	11.2	11.8	3.3	3.5	3.9					5
	COUNTY AVERAGE	4.6	11.2	11.8	3.3	3.5	3.9					5
GREENE	799	10.6	8.2	9.2	4.1	4.6	5.0	10.640	11.900	13.100		2
	COUNTY AVERAGE	10.6	8.2	9.2	4.1	4.6	5.0	10.640	11.900	13.100		2
GUTHRIE	799	11.2	5.6	6.4	5.8	6.6	7.0					1
	COUNTY AVERAGE	11.2	5.6	6.4	5.8	6.6	7.0					1
HAMILTON	566	8.3	7.3	8.0	4.9	5.4	5.8					2
	COUNTY AVERAGE	8.3	7.3	8.0	4.9	5.4	5.8					2

TABLE D. AVERAGE ANALYSES OF COAL BY STATE, COUNTY, AND BED

STATE: 19 IOWA

COUNTY	BED	MOISTURE		ASH		SULFUR		A.R.	BTU DRY	M&AF	NO. OF ANAL
		A.R.	A.R.	DRY	A.R.	DRY	M&AF				
HARDIN	799	10.3	6.5	7.3	3.2	3.6	3.8				1
	COUNTY AVERAGE	10.3	6.5	7.3	3.2	3.6	3.8				1
JASPER	530	11.3	11.5	13.0	3.6	4.1	4.7	10,890	12,280	14,110	5
	799	16.5	15.6	18.8	4.7	5.7	7.0	9,400	11,250	13,860	31
	COUNTY AVERAGE	15.8	15.1	18.0	4.6	5.5	6.7	9,570	11,370	13,870	36
KEOKUK	539	6.5	12.9	13.8	7.1	7.7	8.9				5
	COUNTY AVERAGE	6.5	12.9	13.8	7.1	7.7	8.9				5
LUCAS	530	16.6	13.4	16.1	3.8	4.6	5.4	9,750	11,690	13,930	31
	799	16.5	12.1	14.6	2.8	3.4	3.9	9,930	11,900	13,930	28
	COUNTY AVERAGE	16.6	12.8	15.4	3.4	4.1	4.8	9,830	11,790	13,930	59
MAHASKA	517	12.8	25.8	29.6	5.4	6.3	8.9	8,350	9,570	13,590	1
	530	9.1	9.7	10.7	3.6	4.0	4.4	11,670	12,840	14,380	9
	539	5.1	16.3	17.2	7.4	7.8	9.4	10,870	11,450	13,830	1
	548	10.7	10.1	11.4	5.4	6.1	6.8	11,190	12,530	14,140	10
	550	12.4	13.9	15.9	7.5	8.6	10.2	9,640	11,000	13,080	1
	799	13.3	13.4	15.5	4.7	5.5	6.5	10,270	11,850	14,020	30
	COUNTY AVERAGE	11.9	12.5	14.2	4.8	5.5	6.4	10,570	12,000	13,990	52
MARION	001	17.8	12.5	15.3	5.6	6.9	8.1	9,670	11,770	13,900	1
	484	15.8	12.7	15.2	5.0	6.0	7.0	9,880	11,730	13,840	5
	530	15.8	12.9	15.4	4.8	5.8	6.8	9,870	11,720	13,860	439
	799	15.6	13.8	16.4	5.1	6.1	7.2	9,810	11,620	13,900	99
	COUNTY AVERAGE	15.7	13.1	15.6	4.8	5.8	6.8	9,870	11,700	13,870	544
MONROE	517	10.8	13.6	15.3	3.1	3.5	4.1	10,800	12,110	14,290	8
	530	13.8	14.0	16.3	2.8	3.3	3.9	10,240	11,880	14,190	68
	548	13.4	12.2	14.2	5.2	6.1	7.1	10,680	12,330	14,370	9
	550	13.4	13.8	16.0	5.3	6.2	7.3	10,120	11,690	13,920	1
	799	15.9	12.0	14.3	4.2	5.0	5.8	10,130	12,050	14,060	20
	COUNTY AVERAGE	14.0	13.4	15.6	3.3	3.9	4.6	10,290	11,960	14,170	106
PAGE	442	20.4	10.1	12.7	3.1	4.0	4.5	9,540	11,990	13,730	2
	COUNTY AVERAGE	20.4	10.1	12.7	3.1	4.0	4.5	9,540	11,990	13,730	2

TABLE D. AVERAGE ANALYSES OF COAL BY STATE, COUNTY, AND BED

STATE: 19 IOWA

COUNTY	BED	MOISTURE		ASH		SULFUR		M&AF	A.R.	BTU		NO. OF ANAL
		A.R.	A.R.	DRY	A.R.	DRY	M&AF			DRY	M&AF	
POLK	530	14.6	18.6	21.8	5.7	6.7	8.5	9,290	10,880	13,910	82	
	548	6.8	16.1	17.4	4.6	5.0	6.0				1	
	550	14.1	15.2	17.7	5.3	6.2	7.5	9,870	11,490	13,950	28	
	COUNTY AVERAGE	14.4	17.7	20.7	5.6	6.6	8.3	9,440	11,030	13,900	111	
SCOTT	529	3.4	10.5	10.9	2.8	3.0	3.3				5	
	COUNTY AVERAGE	3.4	10.5	10.9	2.8	3.0	3.3				5	
TAYLOR	442	20.4	11.8	14.9	3.9	5.0	5.8	9,320	11,710	13,760	4	
	COUNTY AVERAGE	20.4	11.8	14.9	3.9	5.0	5.8	9,320	11,710	13,760	4	
VAN BUREN	799	11.9	13.4	15.3	6.2	7.1	8.3	10,550	11,970	14,130	3	
	COUNTY AVERAGE	11.9	13.4	15.3	6.2	7.1	8.3	10,550	11,970	14,130	3	
WAPELLO	484	16.9	10.2	12.3	4.1	5.0	5.7	10,230	12,310	14,040	4	
	517	8.0	19.7	21.5	6.9	7.6	9.6	9,950	10,830	13,800	1	
	529	11.9	10.4	11.9	4.6	5.3	6.0	11,340	12,880	14,620	1	
	539	10.1	14.1	15.7	4.9	5.5	6.5	10,800	12,010	14,250	2	
	799	14.3	13.0	15.2	4.9	5.8	6.8	10,300	12,020	14,170	9	
	COUNTY AVERAGE	13.9	12.6	14.7	4.9	5.7	6.6	10,390	12,070	14,150	17	
WARREN	530	11.7	13.7	15.6	4.2	4.8	5.6	10,530	11,940	14,150	41	
	799	12.9	9.0	10.4	3.6	4.2	4.6	11,110	12,750	14,230	2	
	COUNTY AVERAGE	11.8	13.4	15.3	4.2	4.8	5.6	10,570	11,980	14,140	43	
WAYNE	484	18.7	10.6	13.1	4.8	6.0	6.9	9,830	12,090	13,910	1	
	COUNTY AVERAGE	18.7	10.6	13.1	4.8	6.0	6.9	9,830	12,090	13,910	1	
WEBSTER	530	21.6	11.9	15.3	5.8	7.5	8.8	9,040	11,530	13,610	4	
	564	12.7	10.3	11.8	5.3	6.1	6.9				1	
	566	8.5	10.1	11.1	5.3	5.8	6.5				1	
	567	5.9	15.9	16.9	7.0	7.5	9.0				1	
	COUNTY AVERAGE	16.2	12.0	14.4	5.8	7.0	8.1	9,660	11,530	13,460	7	
STATE AVERAGE		15.0	13.6	16.0	4.6	5.5	6.5	9,930	11,690	13,910	1152	

TABLE D. AVERAGE ANALYSES OF COAL BY STATE, COUNTY, AND BED

STATE: 20 KANSAS

COUNTY	BED	MOISTURE		ASH		SULFUR			BTU		NO. OF ANAL
		A.R.	A.R.	DRY	A.R.	DRY	M&AF	A.R.	DRY	M&AF	
ATCHISON	799			13.1		8.6	9.8		12,790	14,720	1
	COUNTY AVERAGE			13.1		8.6	9.8		12,790	14,720	1
CHEROKEE	492	5.1	10.8	11.4	2.6	2.8	3.1	12,480	13,150	14,840	22
	499	2.2	9.7	10.0	3.8	3.9	4.3	13,270	13,570	15,080	5
	504	3.9	11.3	11.8	3.2	3.4	3.8	12,580	13,090	14,840	5
	COUNTY AVERAGE	4.4	10.7	11.2	2.9	3.1	3.4	12,620	13,200	14,870	32
CRAWFORD	001	2.7	11.3	11.7	4.9	5.1	5.7	12,900	13,260	15,020	1
	492	4.7	13.5	14.2	2.0	2.2	2.5	11,810	12,390	14,440	133
	504	4.0	14.0	14.6	4.0	4.2	4.9	12,260	12,770	14,950	43
	513	4.6	12.0	12.6	4.2	4.5	5.1	12,440	13,040	14,920	25
	COUNTY AVERAGE	4.5	13.4	14.1	2.7	2.9	3.3	11,990	12,560	14,620	202
FRANKLIN	444			10.8		1.7	1.9		12,630	14,150	5
	COUNTY AVERAGE			10.8		1.7	1.9		12,630	14,150	5
LARETTE	799			2.1		3.2	3.2		14,000	14,300	1
	COUNTY AVERAGE			2.1		3.2	3.2		14,000	14,300	1
LEAVENWORTH	492	9.6	17.1	19.0	6.4	7.1	8.7	10,410	11,510	14,210	1
	COUNTY AVERAGE	9.6	17.1	19.0	6.4	7.1	8.7	10,410	11,510	14,210	1
LINN	482	9.3	13.4	14.8	2.8	3.2	3.7	11,380	12,560	14,740	15
	COUNTY AVERAGE	9.3	13.4	14.8	2.8	3.2	3.7	11,380	12,560	14,740	15
MIAMI	799			11.4		5.5	6.2		13,510	15,250	1
	COUNTY AVERAGE			11.4		5.5	6.2		13,510	15,250	1
MONTGOMERY	799			13.0		.7	.8		13,390	15,390	4
	COUNTY AVERAGE			13.0		.7	.8		13,390	15,390	4
NEOSHO	799			8.0		1.0	1.0		14,540	15,800	3
	COUNTY AVERAGE			8.0		1.0	1.0		14,540	15,800	3

TABLE D. AVERAGE ANALYSES OF COAL BY STATE, COUNTY, AND BED

STATE: 20 KANSAS

COUNTY	BED	MOISTURE		ASH		SULFUR		A.R.	BTU		NO. OF ANAL
		A.R.	A.R.	DRY	A.R.	DRY	M&AF		DRY	M&AF	
OSAGE	442	12.3	11.1	12.7	4.9	5.7	6.5	10,470	11,940	13,680	2
	COUNTY AVERAGE	12.3	11.1	12.7	4.9	5.7	6.5	10,470	11,940	13,680	2
SHAWNEE	799			42.2		1.2	2.0				1
	COUNTY AVERAGE			42.2		1.2	2.0				1
WILSON	799			13.8		2.1	2.4		13,320	15,450	2
	COUNTY AVERAGE			13.8		2.1	2.4		13,320	15,450	2
	STATE AVERAGE	4.9	13.0	13.7	2.7	2.9	3.3	12,050	12,680	14,690	270

TABLE D. AVERAGE ANALYSES OF COAL BY STATE, COUNTY, AND BED

STATE: 29 MISSOURI

COUNTY	BED	MOISTURE		ASH		SULFUR		A.R.	BTU DRY	M&AF	NO. OF ANAL
		A.R.	A.R.	DRY	A.R.	DRY	M&AF				
ADAIR	484	15.7	11.2	13.3	3.6	4.3	4.9				3
	492	13.1	15.2	17.5	4.4	5.1	6.1	10,050	11,560	14,020	33
	COUNTY AVERAGE	13.3	14.9	17.2	4.3	5.0	6.0	10,030	11,560	13,970	36
AUDRAIN	490	10.3	11.9	13.3	4.8	5.4	6.2				5
	COUNTY AVERAGE	10.3	11.9	13.3	4.8	5.4	6.2				5
BARTON	513	4.4	9.6	10.1	4.0	4.2	4.6	12,730	13,320	14,810	43
	540	2.8	15.7	16.2	4.5	4.7	5.6	12,140	12,490	14,900	1
	545	1.5	22.6	23.0	5.5	5.6	7.2	11,100	11,270	14,640	1
	925	5.2	26.5	28.0	4.3	4.6	6.3	10,070	10,620	14,750	2
	COUNTY AVERAGE	4.3	10.8	11.3	4.1	4.3	4.8	12,560	13,140	14,810	47
BATES	482	7.8	13.8	15.0	2.6	2.9	3.4	11,480	12,460	14,650	61
	492	14.6	11.1	13.1	2.2	2.6	2.9	10,970	12,840	14,770	1
	504	10.3	13.8	15.4	4.3	4.9	5.7	10,130	11,300	13,350	12
	COUNTY AVERAGE	8.3	13.7	15.0	2.9	3.2	3.7	11,380	12,410	14,600	74
CALDWELL	987	11.2	12.6	14.2	8.1	9.2	10.7				3
	COUNTY AVERAGE	11.2	12.6	14.2	8.1	9.2	10.7				3
CALLAWAY	492	11.6	12.0	13.6	5.2	5.9	6.8	11,050	12,500	14,470	8
	COUNTY AVERAGE	11.6	12.0	13.6	5.2	5.9	6.8	11,050	12,500	14,470	8
CLARK	799	6.3	12.6	13.5	6.9	7.4	8.5	10,600	11,320	13,080	2
	COUNTY AVERAGE	6.3	12.6	13.5	6.9	7.4	8.5	10,600	11,320	13,080	2
CLAY	484	12.4	14.8	17.0	3.5	4.1	4.9	10,290	11,740	14,150	147
	492	14.3	13.0	15.2	4.0	4.7	5.5	10,140	11,830	13,950	4
	COUNTY AVERAGE	12.4	14.8	17.0	3.5	4.1	4.9	10,290	11,750	14,150	151
DADE	799			7.2		1.3	1.4		13,750	14,810	2
	COUNTY AVERAGE			7.2		1.3	1.4		13,750	14,810	2

TABLE D. AVERAGE ANALYSES OF COAL BY STATE, COUNTY, AND BED

STATE: 29 MISSOURI

COUNTY	BED	MOISTURE		ASH		SULFUR			BTU		NO. OF ANAL
		A.R.	A.R.	DRY	A.R.	DRY	M&AF	A.P.	DRY	M&AF	
DAVISS	484	12.1	11.0	12.6	4.8	5.5	6.2	11,020	12,540	14,350	1
	COUNTY AVERAGE	12.1	11.0	12.6	4.8	5.5	6.2	11,020	12,540	14,350	1
GRUNDY	484	12.5	11.6	13.3	3.1	3.6	4.1				3
	COUNTY AVERAGE	12.5	11.6	13.3	3.1	3.6	4.1				3
HARRISON	545	12.6	11.0	12.7	4.9	5.7	6.5	10,820	12,380	14,180	3
	799	12.3	8.7	10.0	3.9	4.5	4.9	10,490	11,960	13,280	6
	COUNTY AVERAGE	12.4	9.5	10.9	4.2	4.9	5.4	10,660	12,170	13,660	9
HENRY	492	8.9	10.4	11.5	5.1	5.6	6.3	11,670	12,810	14,470	6
	509	6.8	11.5	12.4	3.6	3.9	4.4	11,960	12,850	14,670	100
	545	10.5	12.0	13.5	3.9	4.4	5.0				12
	799	12.9	5.9	6.8	1.3	1.5	1.6	11,980	13,760	14,760	1
	COUNTY AVERAGE	7.3	11.4	12.4	3.7	4.0	4.5	11,920	12,850	14,670	119
JOHNSON	492	12.2	10.3	11.8	4.8	5.5	6.2	11,060	12,600	14,290	9
	979	8.9	13.5	14.9	5.4	6.0	7.0	10,800	11,850	13,920	1
	987	12.4	7.6	8.7	3.8	4.4	4.8				3
	COUNTY AVERAGE	12.0	9.9	11.3	4.6	5.3	5.9	11,020	12,530	14,120	13
LAFAYETTE	484	11.5	14.1	16.0	3.6	4.1	4.8	10,620	12,000	14,280	3
	545	11.4	15.1	17.1	6.3	7.2	8.6	10,860	12,260	14,790	4
	COUNTY AVERAGE	11.4	14.7	16.6	5.1	5.8	6.9	10,690	12,060	14,460	7
LINN	509	10.4	13.7	15.3	5.7	6.4	7.5	10,770	12,020	14,190	19
	COUNTY AVERAGE	10.4	13.7	15.3	5.7	6.4	7.5	10,770	12,020	14,190	19
MACON	490	11.0	13.7	15.4	4.9	5.6	6.6	10,750	12,080	14,280	3
	492	12.3	12.6	14.4	4.3	5.0	5.8	10,600	12,090	14,120	22
	799	11.1	8.0	9.0	3.1	3.5	3.8	11,390	12,810	14,070	1
	COUNTY AVERAGE	12.1	12.5	14.3	4.3	5.0	5.8	10,650	12,120	14,140	26
PLATTE	987			16.4		5.0	5.9		11,510	13,770	2
	COUNTY AVERAGE			16.4		5.0	5.9		11,510	13,770	2

TABLE D. AVERAGE ANALYSES OF COAL BY STATE, COUNTY, AND BED

STATE: 29 MISSOURI

COUNTY	BED	MOISTURE		ASH		SULFUR			BTU		NO. OF ANAL
		A.R.	A.R.	DRY	A.R.	DRY	M&AF	A.R.	DRY	M&AF	
PUTNAM	484	17.6	10.4	12.7	3.7	4.5	5.1	9,910	12,030	13,780	5
	COUNTY AVERAGE	17.6	10.4	12.7	3.7	4.5	5.1	9,910	12,030	13,780	5
RALLS	799	7.0	10.3	11.1	4.2	4.6	5.1	11,510	12,370	13,920	3
	COUNTY AVERAGE	7.0	10.3	11.1	4.2	4.6	5.1	11,510	12,370	13,920	3
RANDOLPH	490	8.6	8.4	9.2	4.6	5.1	5.6				3
	492	9.4	11.6	12.9	4.6	5.1	5.8	11,340	12,510	14,370	60
	COUNTY AVERAGE	9.4	11.5	12.7	4.6	5.1	5.8	11,340	12,510	14,330	63
RAY	484	11.9	13.4	15.3	4.4	5.1	6.0	10,610	12,040	14,220	38
	COUNTY AVERAGE	11.9	13.4	15.3	4.4	5.1	6.0	10,610	12,040	14,220	38
ST CLAIR	509	5.3	20.9	22.1	5.4	5.8	7.4	10,590	11,180	14,350	2
	COUNTY AVERAGE	5.3	20.9	22.1	5.4	5.8	7.4	10,590	11,180	14,350	2
SULLIVAN	987	13.6	16.8	19.5	5.9	6.9	8.5				2
	COUNTY AVERAGE	13.6	16.8	19.5	5.9	6.9	8.5				2
VERNON	490	5.4	10.5	11.2	3.9	4.2	4.7	12,600	13,320	15,000	6
	496	5.5	14.0	14.9	4.9	5.2	6.1	11,940	12,650	14,860	5
	499	2.9	11.4	11.8	5.9	6.1	6.9	12,430	12,800	14,510	1
	504	3.1	14.3	14.8	6.5	6.8	7.9	12,080	12,480	14,650	3
	513	4.6	12.6	13.3	5.0	5.3	6.1	12,270	12,860	14,830	1
	799	6.5	16.5	17.7	3.9	4.2	5.1	11,100	11,870	14,420	1
	COUNTY AVERAGE	4.9	12.7	13.4	4.8	5.1	5.8	12,200	12,830	14,820	17
	STATE AVERAGE	9.8	12.9	14.4	4.0	4.5	5.2	11,090	12,300	14,370	657

TABLE D. AVERAGE ANALYSES OF COAL BY STATE, COUNTY, AND BED

STATE: 30 MONTANA

COUNTY	BED	MOISTURE		ASH		SULFUR			BTU		NO. OF ANAL
		A.R.	A.R.	DRY	A.R.	DRY	M&AF	A.R.	DRY	M&AF	
BIG HORN	698	28.8	3.2	4.6	.2	.4	.4	8,230	11,560	12,120	1
	799	23.9	3.4	4.5	.3	.4	.4	9,540	12,540	13,130	18
	935	20.6	4.3	5.5	.4	.6	.6	9,880	12,440	13,160	1
	COUNTY AVERAGE	23.9	3.4	4.5	.3	.4	.4	9,500	12,490	13,080	20
BLAINE	799	23.9	8.2	10.8	.3	.5	.5	8,660	11,370	12,750	30
	COUNTY AVERAGE	23.9	8.2	10.8	.3	.5	.5	8,660	11,370	12,750	30
BROADWATER	799	3.1	28.3	29.3	7.5	7.8	11.0	9,590	9,910	14,010	6
	COUNTY AVERAGE	3.1	28.3	29.3	7.5	7.8	11.0	9,590	9,910	14,010	6
CARRON	781	9.5	10.4	11.6	1.0	1.2	1.3	10,790	11,920	13,480	87
	799	8.4	14.8	16.2	1.1	1.3	1.5	10,370	11,330	13,520	6
	809	9.4	11.3	12.5	2.2	2.5	2.8	10,600	11,700	13,370	3
	811	9.0	9.2	10.2	2.0	2.2	2.4	11,030	12,120	13,490	262
	812	11.4	9.0	10.2	1.5	1.8	2.0	10,660	12,030	13,390	3
	814	9.8	11.6	12.9	2.1	2.4	2.7	10,460	11,590	13,310	5
COUNTY AVERAGE	9.1	9.7	10.7	1.8	2.0	2.2	10,950	12,050	13,490	366	
CAPTER	799	40.1	10.7	18.0	1.0	1.8	2.1	5,910	9,860	12,030	2
	COUNTY AVERAGE	40.1	10.7	18.0	1.0	1.8	2.1	5,910	9,860	12,030	2
CASCADE	799	6.3	19.6	21.0	3.0	3.3	4.1	10,070	10,740	13,600	32
	816	4.3	20.4	21.4	4.0	4.2	5.3	10,330	10,810	13,750	32
	COUNTY AVERAGE	5.3	20.0	21.2	3.5	3.7	4.6	10,200	10,770	13,670	64
CHOUTEAU	799	13.0	14.4	16.6	.6	.8	.9	9,220	10,610	12,730	22
	COUNTY AVERAGE	13.0	14.4	16.6	.6	.8	.9	9,220	10,610	12,730	22
CUSTER	308	34.3	8.4	12.9	.5	.8	.9	6,980	10,620	12,200	1
	322	29.1	15.0	21.2	.5	.8	1.0	6,660	9,400	11,920	1
	330	33.6	9.1	13.8	.5	.8	.9	6,850	10,310	11,960	2
	799	29.8	7.1	10.2	.4	.6	.6	7,700	10,960	12,210	13
	COUNTY AVERAGE	30.4	7.9	11.4	.4	.6	.6	7,470	10,730	12,110	17

TABLE D. AVERAGE ANALYSES OF COAL BY STATE, COUNTY, AND BED

STATE: 30 MONTANA

COUNTY	BED	MOISTURE		ASH		SULFUR		RTU		M&AF	NO. OF ANAL
		A.R.	A.R.	DRY	A.R.	DRY	A.R.	DRY			
DANIELS	376	41.3	9.2	15.7	.5	.9	1.0	5,680	9,670	11,470	1
	799	33.6	8.7	13.2	1.1	1.8	2.0	6,670	10,040	11,570	2
	COUNTY AVERAGE	36.2	8.9	14.0	.9	1.5	1.7	6,330	9,920	11,530	3
DAWSON	336	33.0	5.4	8.2	.2	.4	.4	7,400	11,050	12,030	1
	345	33.7	6.8	10.3	.5	.8	.8	7,090	10,690	11,920	1
	389	31.5	6.3	9.2	.6	.9	.9	6,880	10,040	11,060	1
	799	33.6	7.3	11.1	.9	1.4	1.5	7,120	10,720	12,060	13
	COUNTY AVERAGE	33.4	7.1	10.7	.7	1.2	1.3	7,120	10,690	11,970	16
FALLON	799	40.1	10.7	18.0	1.0	1.8	2.1	5,910	9,860	12,030	2
	COUNTY AVERAGE	40.1	10.7	18.0	1.0	1.8	2.1	5,910	9,860	12,030	2
FERGUS	799	15.1	11.3	13.4	3.2	3.8	4.3	9,780	11,520	13,300	30
	COUNTY AVERAGE	15.1	11.3	13.4	3.2	3.8	4.3	9,780	11,520	13,300	30
FLATHEAD	799	17.7	12.3	15.0	2.3	2.9	3.4	8,950	10,880	12,800	2
	COUNTY AVERAGE	17.7	12.3	15.0	2.3	2.9	3.4	8,950	10,880	12,800	2
GARFIELD	799	29.8	12.4	17.8	.4	.6	.7	7,210	10,270	12,490	2
	COUNTY AVERAGE	29.8	12.4	17.8	.4	.6	.7	7,210	10,270	12,490	2
GLACIER	799	9.8	17.9	19.9	1.0	1.2	1.4	9,960	11,050	13,790	4
	COUNTY AVERAGE	9.8	17.9	19.9	1.0	1.2	1.4	9,960	11,050	13,790	4
GRANITE	799	19.4	16.9	21.0	1.3	1.7	2.1	8,700	10,790	13,660	1
	COUNTY AVERAGE	19.4	16.9	21.0	1.3	1.7	2.1	8,700	10,790	13,660	1
HILL	799	7.6	13.6	14.8	.8	.9	1.0	10,450	11,310	13,270	5
	COUNTY AVERAGE	7.6	13.6	14.8	.8	.9	1.0	10,450	11,310	13,270	5
JUDITH BASIN	799	9.9	17.4	19.4	4.1	4.6	5.7	9,610	10,660	13,230	5
	COUNTY AVERAGE	9.9	17.4	19.4	4.1	4.6	5.7	9,610	10,660	13,230	5

TABLE D. AVERAGE ANALYSES OF COAL BY STATE, COUNTY, AND BED

STATE: 30 MONTANA

COUNTY	BED	MOISTURE		ASH		SULFUR		A.R.	BTU DRY	M&AF	NO. OF ANAL
		A.R.	A.R.	DRY	A.R.	DRY	M&AF				
MCCONE	380	30.1	7.7	11.1	.5	.8	.8	7,600	10,870	12,230	3
	COUNTY AVERAGE	30.1	7.7	11.1	.5	.8	.8	7,600	10,870	12,230	3
MEAGHER	799	18.0	20.8	25.4	.3	.4	.5	7,440	9,090	12,180	2
	COUNTY AVERAGE	18.0	20.8	25.4	.3	.4	.5	7,440	9,090	12,180	2
MISSOULA	799	24.9	19.7	26.3	.8	1.1	1.4	6,710	8,930	12,120	2
	COUNTY AVERAGE	24.9	19.7	26.3	.8	1.1	1.4	6,710	8,930	12,120	2
MUSSELSHELL	780	11.9	8.8	10.0	.4	.5	.5	10,980	12,460	13,840	428
	799	11.1	9.4	10.6	.4	.5	.5	10,870	12,230	13,680	8
	805	15.1	8.6	10.2	.8	1.0	1.1	10,500	12,370	13,770	7
	806	15.2	6.9	8.2	.5	.7	.7	10,580	12,480	13,590	24
	807	19.2	7.9	9.8	.8	1.0	1.1	9,680	12,000	13,300	134
	COUNTY AVERAGE	13.7	8.5	9.9	.5	.6	.6	10,660	12,350	13,710	601
PARK	799	7.2	17.0	18.4	.5	.6	.7	11,130	12,000	14,700	10
	COUNTY AVERAGE	7.2	17.0	18.4	.5	.6	.7	11,130	12,000	14,700	10
PHILLIPS	799	22.4	23.4	30.2	1.0	1.3	1.8	6,020	7,760	11,110	2
	COUNTY AVERAGE	22.4	23.4	30.2	1.0	1.3	1.8	6,020	7,760	11,110	2
PONDERA	799	6.6	13.9	14.9	3.0	3.3	3.8	10,930	11,700	13,750	1
	COUNTY AVERAGE	6.6	13.9	14.9	3.0	3.3	3.8	10,930	11,700	13,750	1
POWDER RIVER	291	32.0	5.9	8.8	.2	.3	.3	7,650	11,250	12,330	1
	300	29.7	5.8	8.3	.4	.6	.6	7,900	11,240	12,260	14
	302	31.0	7.8	11.4	.4	.7	.7	7,550	10,950	12,350	3
	304	30.7	5.8	8.4	.2	.3	.3	7,770	11,220	12,250	3
	524	35.2	4.0	6.2	.3	.5	.5	6,930	10,690	11,400	1
	526	30.1	7.3	10.5	.5	.8	.8	7,800	11,160	12,470	5
	799	31.8	6.2	9.2	.2	.3	.3	7,630	11,190	12,320	14
	COUNTY AVERAGE	30.8	6.2	9.1	.3	.5	.5	7,730	11,180	12,290	41
PRAIRIE	799	30.6	6.0	8.7	.4	.6	.6	7,840	11,290	12,370	27
	COUNTY AVERAGE	30.6	6.0	8.7	.4	.6	.6	7,840	11,290	12,370	27

TABLE D. AVERAGE ANALYSES OF COAL BY STATE, COUNTY, AND BED

STATE: 30 MONTANA

COUNTY	BED	MOISTURE		ASH		SULFUR			BTU		NO. OF ANAL
		A.R.	A.R.	DRY	A.R.	DRY	M&AF	A.R.	DRY	M&AF	
RICHLAND	304	27.3	3.9	5.4	.4	.6	.6	9,020	12,410	13,110	1
	315	27.3	4.5	6.3	.5	.8	.8	8,850	12,170	12,990	1
	337	36.5	6.6	10.4	.8	1.4	1.5	7,150	11,260	12,570	1
	342	38.3	5.9	9.7	.4	.8	.8	6,710	10,880	12,040	1
	345	38.3	5.9	9.7	.4	.8	.8	6,880	11,150	12,350	1
	371	23.9	7.0	9.3	.6	.8	.8	9,160	12,040	13,270	1
	373	23.7	11.9	15.7	.6	.8	.9	8,080	10,590	12,560	1
	524	26.6	6.8	9.3	1.8	2.5	2.7	8,080	11,010	12,140	1
	693	28.7	4.2	5.9	.2	.4	.4	8,630	12,100	12,860	1
	698	28.9	3.2	4.6	.2	.4	.4	8,230	11,580	12,130	1
	799	35.9	6.0	9.5	.4	.7	.7	7,090	11,050	12,210	49
	COUNTY AVERAGE		34.9	6.0	9.3	.5	.8	.8	7,250	11,130	12,270	59
ROOSEVELT	799	38.9	6.0	9.9	.6	1.0	1.1	6,170	10,090	11,200	9
	COUNTY AVERAGE		38.9	6.0	9.9	.6	1.0	1.1	6,170	10,090	11,200	9
ROSEBUD	525	22.3	6.4	8.3	.7	1.0	1.0	9,180	11,820	12,880	2
	799	27.7	5.1	7.1	.4	.6	.6	8,710	12,050	12,970	8
	808	21.8	8.1	10.4	.7	1.0	1.1	9,190	11,760	13,120	22
	COUNTY AVERAGE		23.3	7.2	9.4	.6	.9	.9	9,080	11,830	13,060	32
SHERIDAN	799	38.0	6.6	10.7	.3	.6	.6	6,350	10,250	11,470	10
	COUNTY AVERAGE		38.0	6.6	10.7	.3	.6	.6	6,350	10,250	11,470	10
STILLWATER	799	7.1	13.3	14.4	.6	.7	.8	11,120	11,970	13,990	3
	COUNTY AVERAGE		7.1	13.3	14.4	.6	.7	.8	11,120	11,970	13,990	3
TREASURE	799	19.8	14.4	18.0	1.5	1.9	2.3	8,580	10,700	13,050	1
	COUNTY AVERAGE		19.8	14.4	18.0	1.5	1.9	2.3	8,580	10,700	13,050	1
VALLEY	375	42.7	8.7	15.2	.5	1.0	1.1	5,640	9,840	11,610	1
	376	37.5	6.1	9.8	.3	.5	.5	6,580	10,530	11,670	1
	799	38.9	6.5	10.7	.5	.9	1.0	6,130	10,030	11,230	15
	COUNTY AVERAGE		39.0	6.6	10.9	.5	.9	1.0	6,130	10,050	11,270	17
WIBAUX	389	39.4	8.7	14.4	.9	1.5	1.7	6,100	10,070	11,760	2
	COUNTY AVERAGE		39.4	8.7	14.4	.9	1.5	1.7	6,100	10,070	11,760	2

TABLE D. AVERAGE ANALYSES OF COAL BY STATE, COUNTY, AND BED

STATE: 30 MONTANA

COUNTY	BED	MOISTURE		ASH		SULFUR		A.P.	BTU		NO. OF ANAL
		A.R.	A.R.	DRY	A.R.	DRY	M&AF		DRY	M&AF	
YELLOWSTONE	799	20.7	7.7	9.8	.5	.7	.7	8.890	11,210	12,420	19
	COUNTY AVERAGE	20.7	7.7	9.8	.5	.7	.7	8.890	11,210	12,420	19
	STATE AVERAGE	15.7	9.2	11.0	1.0	1.2	1.3	10.000	11,860	13,330	1438

TABLE D. AVERAGE ANALYSES OF COAL BY STATE, COUNTY, AND BED

STATE: 32 NEVADA

COUNTY	BED	MOISTURE		ASH		SULFUR		M&AF	A.P.	BTU DRY	M&AF	NO. OF ANAL
		A.P.	A.P.	DRY	A.P.	DRY						
ESMERALDA	799	2.7	51.7	53.2	1.6	1.7	3.6	6.630	6.810	14.550	1	
	COUNTY AVERAGE	2.7	51.7	53.2	1.6	1.7	3.6	6.630	6.810	14.550	1	
	STATE AVERAGE	2.7	51.7	53.2	1.6	1.7	3.6	6.630	6.810	14.550	1	

TABLE D. AVERAGE ANALYSES OF COAL BY STATE, COUNTY, AND BED

STATE: 35 NEW MEXICO

COUNTY	BED	MOISTURE		ASH		SULFUR			RTU		NO. OF ANAL.
		A.R.	A.R.	DRY	A.R.	DRY	M&AF	A.R.	DRY	M&AF	
BERNALILLO	775	20.1	6.8	8.6	.7	.9	.9	9,870	12,360	13,520	7
	COUNTY AVERAGE	20.1	6.8	8.6	.7	.9	.9	9,870	12,360	13,520	7
COLFAX	507	3.3	8.7	9.1	.4	.5	.5	13,150	13,600	14,960	1
	771	3.2	12.1	12.6	.5	.6	.6	12,660	13,080	14,970	6
	772	5.1	14.2	15.0	.5	.6	.7	11,780	12,410	14,600	49
	773	1.7	13.8	14.1	.5	.6	.6	12,670	12,910	15,030	359
	799	5.6	10.0	10.7	.4	.5	.5	12,310	13,050	14,610	16
COUNTY AVERAGE		2.3	13.7	14.1	.5	.6	.6	12,560	12,860	14,970	431
LINCOLN	799	3.1	18.8	19.5	.5	.6	.7	11,520	11,910	14,790	2
	COUNTY AVERAGE		3.1	18.8	19.5	.5	.6	.7	11,520	11,910	14,790	2
MCKINLEY	479	11.5	6.0	6.8	.6	.7	.7	11,420	12,900	13,840	1
	774	12.0	8.8	10.1	.5	.6	.6	11,090	12,600	14,020	99
	785	11.1	8.0	9.0	.6	.7	.7	11,380	12,800	14,060	156
	799	10.6	8.7	9.8	.5	.6	.6	11,330	12,670	14,050	656
	COUNTY AVERAGE		10.8	8.6	9.7	.5	.6	.6	11,310	12,680	14,050	912
RIO ARRIBA	799	2.9	8.9	9.2	1.2	1.3	1.4	13,130	13,520	14,890	118
	COUNTY AVERAGE		2.9	8.9	9.2	1.2	1.3	1.4	13,130	13,520	14,890	118
SANDOVAL	775	16.7	9.4	11.3	.7	.9	1.0	9,970	11,990	13,510	12
	799	18.0	6.3	7.8	1.2	1.5	1.6	10,220	12,480	13,540	21
	COUNTY AVERAGE		17.6	7.4	9.1	1.0	1.3	1.4	10,140	12,300	13,530	33
SAN JUAN	488	10.4	19.5	21.8	.6	.7	.8	9,560	10,670	13,640	3
	777	10.5	4.5	5.1	.7	.8	.8	11,880	13,290	14,010	46
	799	10.2	8.9	10.0	.7	.8	.8	11,350	12,640	14,040	49
	COUNTY AVERAGE		10.3	7.2	8.1	.7	.8	.8	11,560	12,890	14,020	98
SANTA FE	776	3.5	7.7	8.0	.8	.9	.9	13,250	13,730	14,920	37
	778	2.1	12.3	12.6	.7	.8	.9	12,700	12,980	14,850	188
	799	3.0	9.7	10.1	.9	1.0	1.1	12,640	13,040	14,500	3
	COUNTY AVERAGE		2.3	11.5	11.8	.7	.8	.9	12,800	13,100	14,850	228

TABLE D. AVERAGE ANALYSES OF COAL BY STATE, COUNTY, AND BED

STATE: 35 NEW MEXICO

COUNTY	BED	MOISTURE		ASH		SULFUR		RTU		M&AF	NO. OF ANAL
		A.R.	A.R.	DRY	A.P.	DRY	M&AF	A.R.	DRY		
SOCORRO	779	2.4	11.7	12.0	.6	.7	.7	12.760	13.080	14.860	14
	COUNTY AVERAGE	2.4	11.7	12.0	.6	.7	.7	12.760	13.080	14.860	14
VALENCIA	799	14.1	6.7	7.8	.9	1.1	1.1	10.830	12.610	13.680	8
	COUNTY AVERAGE	14.1	6.7	7.8	.9	1.1	1.1	10.830	12.610	13.680	8
	STATE AVERAGE	7.3	10.0	10.8	.6	.7	.7	11.900	12.830	14.390	1851

TABLE D. AVERAGE ANALYSES OF COAL BY STATE, COUNTY, AND BED

STATE: 38 NORTH DAKOTA

COUNTY	BED	MOISTURE		ASH		SULFUR		M&AF	A.R.	BTU DRY	M&AF	NO. OF ANAL
		A.R.	A.R.	DRY	A.R.	DRY						
ADAMS	799	33.1	10.5	15.7	1.2	1.8	2.1	7.080	10.590	12.560	34	
	COUNTY AVERAGE	33.1	10.5	15.7	1.2	1.8	2.1	7.080	10.590	12.560	34	
BILLINGS	799	38.5	6.2	10.1	.8	1.4	1.5	6.350	10.320	11.480	6	
	COUNTY AVERAGE	38.5	6.2	10.1	.8	1.4	1.5	6.350	10.320	11.480	6	
BOWMAN	564	41.4	8.6	14.7	.8	1.4	1.6	6.100	10.410	12.200	1	
	799	43.4	6.6	11.7	.8	1.5	1.6	6.120	10.810	12.240	8	
	COUNTY AVERAGE	43.1	6.8	12.0	.8	1.5	1.7	6.130	10.770	12.230	9	
BURKE	799	33.4	7.9	11.9	.3	.6	.6	7.260	10.900	12.370	613	
	COUNTY AVERAGE	33.4	7.9	11.9	.3	.6	.6	7.260	10.900	12.370	613	
BURLEIGH	799	35.1	6.2	9.7	.6	1.0	1.1	7.100	10.950	12.120	116	
	COUNTY AVERAGE	35.1	6.2	9.7	.6	1.0	1.1	7.100	10.950	12.120	116	
DIVIDE	799	32.0	7.8	11.6	.4	.7	.7	7.510	11.050	12.500	238	
	COUNTY AVERAGE	32.0	7.8	11.6	.4	.7	.7	7.510	11.050	12.500	238	
DUNN	799	40.6	7.0	11.9	.6	1.1	1.2	6.310	10.630	12.060	25	
	COUNTY AVERAGE	40.6	7.0	11.9	.6	1.1	1.2	6.310	10.630	12.060	25	
GOLDEN VALLEY	799	41.3	5.8	9.9	.6	1.1	1.2	6.330	10.790	11.970	3	
	COUNTY AVERAGE	41.3	5.8	9.9	.6	1.1	1.2	6.330	10.790	11.970	3	
GRANT	799	34.5	10.4	15.9	1.6	2.5	2.9	6.840	10.440	12.410	19	
	COUNTY AVERAGE	34.5	10.4	15.9	1.6	2.5	2.9	6.840	10.440	12.410	19	
HETTINGER	799	39.6	8.9	14.9	1.3	2.2	2.5	6.340	10.490	12.330	13	
	COUNTY AVERAGE	39.6	8.9	14.9	1.3	2.2	2.5	6.340	10.490	12.330	13	
MCKENZIE	799	42.7	5.0	8.9	.4	.7	.7	6.330	11.040	12.120	5	
	COUNTY AVERAGE	42.7	5.0	8.9	.4	.7	.7	6.330	11.040	12.120	5	

TABLE D. AVERAGE ANALYSES OF COAL BY STATE, COUNTY, AND BED

STATE: 38 NORTH DAKOTA

COUNTY	BED	MOISTURE		ASH		SULFUR		M&AF	A.P.	RTU		NO. OF ANAL
		A.R.	A.R.	DRY	A.R.	DRY	DRY			M&AF		
MCLEAN	799	38.7	6.4	10.5	.4	.8	.8	6.620	10.800	12.070	44	
	COUNTY AVERAGE	38.7	6.4	10.5	.4	.8	.8	6.620	10.800	12.070	44	
MERCER	569	36.7	6.5	10.4	.8	1.4	1.5	6.930	10.950	12.220	1	
	799	33.8	6.8	10.4	.5	.9	1.0	7.200	10.880	12.140	728	
	COUNTY AVERAGE	33.8	6.8	10.4	.5	.9	1.0	7.200	10.880	12.140	729	
MORTON	799	39.0	8.0	13.2	1.0	1.7	1.9	6.430	10.540	12.150	38	
	COUNTY AVERAGE	39.0	8.0	13.2	1.0	1.7	1.9	6.430	10.540	12.150	38	
MOUNTRAIL	799	43.1	3.6	6.4	.2	.4	.4	6.440	11.310	12.080	1	
	COUNTY AVERAGE	43.1	3.6	6.4	.2	.4	.4	6.440	11.310	12.080	1	
OLIVER	799	36.2	10.2	16.0	.8	1.4	1.6	6.470	10.150	12.080	21	
	COUNTY AVERAGE	36.2	10.2	16.0	.8	1.4	1.6	6.470	10.150	12.080	21	
RENVILLE	799	35.2	6.3	9.8	.9	1.5	1.6	7.090	10.940	12.130	2	
	COUNTY AVERAGE	35.2	6.3	9.8	.9	1.5	1.6	7.090	10.940	12.130	2	
SLOPE	799	42.5	6.3	11.0	1.3	2.4	2.6	5.950	10.350	11.630	1	
	COUNTY AVERAGE	42.5	6.3	11.0	1.3	2.4	2.6	5.950	10.350	11.630	1	
STARK	799	41.1	8.5	14.6	1.1	1.9	2.2	6.150	10.440	12.220	14	
	COUNTY AVERAGE	41.1	8.5	14.6	1.1	1.9	2.2	6.150	10.440	12.220	14	
WARD	575	38.8	4.7	7.8	.1	.3	.3	6.650	10.870	11.790	1	
	799	37.2	5.5	8.8	.1	.3	.3	6.790	10.820	11.860	955	
	COUNTY AVERAGE	37.2	5.5	8.8	.1	.3	.3	6.790	10.820	11.860	956	
WILLIAMS	799	41.0	6.3	10.8	.5	.9	1.0	6.420	10.880	12.200	38	
	COUNTY AVERAGE	41.0	6.3	10.8	.5	.9	1.0	6.420	10.880	12.200	38	
	STATE AVERAGE	35.2	6.8	10.5	.4	.7	.7	7.030	10.860	12.130	2925	

TABLE D. AVERAGE ANALYSES OF COAL BY STATE, COUNTY, AND BED

STATE: 40 OKLAHOMA

COUNTY	BED	MOISTURE		ASH		SULFUR		M&AF	A.R.	BTU DRY	M&AF	NO. OF ANAL
		A.R.	A.R.	DRY	A.R.	DRY						
COAL	558	7.3	10.5	11.4	3.7	4.0	4.5	11,330	12,220	13,790	79	
	911	7.8	9.0	9.8	3.6	4.0	4.4	11,430	12,400	13,750	1	
	COUNTY AVERAGE	7.3	10.4	11.3	3.7	4.0	4.5	11,330	12,230	13,780	80	
CRAIG	496	8.6	10.2	11.2	.4	.5	.5	11,970	13,090	14,750	13	
	507	1.5	14.8	15.1	5.9	6.0	7.0	12,280	12,470	14,690	1	
	521	4.7	9.3	9.8	4.7	5.0	5.5	12,800	13,430	14,890	43	
	799	5.2	10.4	11.0	3.4	3.6	4.0	12,500	13,190	14,820	36	
COUNTY AVERAGE	5.4	9.9	10.5	3.5	3.8	4.2	12,560	13,280	14,840	93		
HASKELL	556	3.1	5.4	5.6	1.1	1.2	1.2	14,060	14,520	15,380	80	
	558	3.3	4.8	5.0	.4	.5	.5	14,310	14,800	15,580	1	
	563	2.9	6.9	7.2	.8	.9	.9	13,930	14,340	15,450	12	
	880	4.4	11.3	11.9	.7	.8	.9	12,960	13,550	15,380	7	
COUNTY AVERAGE	3.1	6.0	6.2	1.0	1.1	1.1	13,970	14,440	15,390	100		
LATIMER	558	4.7	7.7	8.1	2.4	2.6	2.8	13,260	13,920	15,140	98	
	562	3.8	6.5	6.8	1.4	1.5	1.6	13,760	13,890	14,900	212	
	563	4.0	8.7	9.1	1.7	1.8	1.9	13,050	13,600	14,960	42	
COUNTY AVERAGE	4.1	7.0	7.4	1.7	1.8	1.9	13,290	13,860	14,970	352		
LE FLORE	552	1.8	9.4	9.6	2.6	2.7	2.9	13,700	13,960	15,440	62	
	562	2.2	9.4	9.7	.6	.7	.7	13,530	13,840	15,320	39	
	563	2.5	8.0	8.3	1.0	1.1	1.1	13,860	14,210	15,500	193	
COUNTY AVERAGE	2.3	8.5	8.8	1.3	1.4	1.5	13,790	14,110	15,470	294		
MUSKOGEE	556	1.8	10.5	10.8	4.2	4.3	4.8	13,450	13,710	15,370	83	
	COUNTY AVERAGE	1.8	10.5	10.8	4.2	4.3	4.8	13,450	13,710	15,370	83	
OKMULGEE	496	5.3	5.4	5.8	1.8	2.0	2.1	13,170	13,900	14,760	426	
	COUNTY AVERAGE	5.3	5.4	5.8	1.8	2.0	2.1	13,170	13,900	14,760	426	
PITTSBURG	558	3.5	7.5	7.8	.6	.7	.7	13,140	13,620	14,770	44	
	562	4.5	6.3	6.7	1.5	1.6	1.7	13,220	13,850	14,840	6	
	563	3.9	8.4	8.8	2.3	2.4	2.6	13,020	13,550	14,850	34	
COUNTY AVERAGE	3.7	7.8	8.1	1.3	1.4	1.5	13,100	13,610	14,810	84		

TABLE D. AVERAGE ANALYSES OF COAL BY STATE, COUNTY, AND RED

STATE: 40 OKLAHOMA

COUNTY	RED	MOISTURE		ASH		SULFUR		M&AF	A.P.	BTU DRY	M&AF	NO. OF ANAL
		A.R.	A.P.	DRY	A.R.	DRY						
ROGERS	001	5.0	13.7	14.5	3.6	3.8	4.4	11,870	12,490	14,610	20	
	473	4.9	12.1	12.8	4.1	4.4	5.0	12,080	12,710	14,570	30	
	490	5.9	5.4	5.8	.8	.9	.9	13,100	13,920	14,780	4	
	496	6.0	5.6	6.0	.5	.6	.6	13,140	13,980	14,870	238	
	COUNTY AVERAGE	5.8	6.7	7.2	1.1	1.2	1.2	12,950	13,750	14,810	292	
SEQUOYAH	556	2.6	6.1	6.3	.4	.5	.5	14,190	14,560	15,540	5	
	COUNTY AVERAGE	2.6	6.1	6.3	.4	.5	.5	14,190	14,560	15,540	5	
TULSA	473	5.1	11.6	12.3	3.8	4.1	4.6	12,240	12,900	14,710	5	
	496	4.3	8.7	9.2	2.8	3.0	3.3	12,810	13,400	14,760	284	
	COUNTY AVERAGE	4.4	8.7	9.2	2.9	3.1	3.4	12,800	13,390	14,750	289	
WAGONER	496	4.6	6.2	6.6	.6	.7	.7	13,280	13,920	14,910	84	
	COUNTY AVERAGE	4.6	6.2	6.6	.6	.7	.7	13,280	13,920	14,910	84	
	STATE AVERAGE	4.4	7.5	7.9	2.0	2.1	2.2	13,150	13,760	14,930	2182	

TABLE D. AVERAGE ANALYSES OF COAL BY STATE, COUNTY, AND BED

STATE: 41 OREGON

COUNTY	BED	MOISTURE		ASH		SULFUR		M&AF	A.R.	RTU DRY	M&AF	NO. OF ANAL
		A.R.	A.R.	DRY	A.R.	DRY						
COOS	799	18.4	10.2	12.5	.7	.9	1.0	9.010	11.050	12.620	4	
	837	19.3	9.5	11.8	.3	.4	.4	9.170	11.370	12.890	4	
COUNTY AVERAGE		18.8	9.8	12.1	.5	.7	.7	9.100	11.210	12.750	8	
STATE AVERAGE		18.8	9.8	12.1	.5	.7	.7	9.100	11.210	12.750	8	

TABLE D. AVERAGE ANALYSES OF COAL BY STATE, COUNTY, AND BED

STATE: 46 SOUTH DAKOTA

COUNTY	BED	MOISTURE		ASH		SULFUR		M&AF	A.P.	RTU		NO. OF ANAL
		A.P.	A.P.	DRY	A.P.	DRY	M&AF			DRY	M&AF	
CORSON	799	35.9	7.4	11.6	.5	.9	1.0	6,980	10,890	12,320	6	
	COUNTY AVERAGE	35.9	7.4	11.6	.5	.9	1.0	6,980	10,890	12,320	6	
DEWEY	275	37.2	6.6	10.6	.4	.7	.7	6,900	11,000	12,300	4	
	799	35.5	7.4	11.5	.5	.8	.9	7,020	10,890	12,300	18	
	COUNTY AVERAGE	35.8	7.3	11.4	.5	.8	.9	7,000	10,910	12,310	22	
HARDING	799	38.0	10.9	17.6	1.3	2.2	2.6	5,660	9,130	11,080	14	
	COUNTY AVERAGE	38.0	10.9	17.6	1.3	2.2	2.6	5,660	9,130	11,080	14	
MEADE	799			14.2		2.0	2.3		10,560	12,300	1	
	COUNTY AVERAGE			14.2		2.0	2.3		10,560	12,300	1	
PERKINS	799	30.7	12.1	17.6	1.3	2.0	2.4	7,270	10,490	12,720	3	
	COUNTY AVERAGE	30.7	12.1	17.6	1.3	2.0	2.4	7,270	10,490	12,720	3	
	STATE AVERAGE	36.2	8.8	13.8	.8	1.3	1.5	6,590	10,330	11,980	46	

TABLE D. AVERAGE ANALYSES OF COAL BY STATE, COUNTY, AND BED

STATE: 48 TEXAS

COUNTY	BED	MOISTURE		ASH		SULFUR		M&AF	A.R.	RTU		NO. OF ANAL
		A.P.	A.P.	DRY	A.R.	DRY	M&AF			DRY	M&AF	
ANDERSON	799	8.4	6.4	7.0	1.1	1.3	1.3					1
	COUNTY AVERAGE	8.4	6.4	7.0	1.1	1.3	1.3					1
BASTROP	799	24.1	10.6	14.0	1.1	1.5	1.7	8,300	10,930	12,710		7
	COUNTY AVERAGE	24.1	10.6	14.0	1.1	1.5	1.7	8,300	10,930	12,710		7
BEXAR	799	23.6	9.7	12.7	1.9	2.6	2.9	8,100	10,610	12,150		1
	COUNTY AVERAGE	23.6	9.7	12.7	1.9	2.6	2.9	8,100	10,610	12,150		1
BOWIE	799	12.0	6.8	7.8	.7	.8	.8	10,570	12,010	13,020		3
	COUNTY AVERAGE	12.0	6.8	7.8	.7	.8	.8	10,570	12,010	13,020		3
CALDWELL	799	10.6	14.9	16.7	3.5	4.0	4.8					2
	COUNTY AVERAGE	10.6	14.9	16.7	3.5	4.0	4.8					2
CHEROKEE	799	6.8	15.0	16.2	1.8	2.0	2.3					3
	COUNTY AVERAGE	6.8	15.0	16.2	1.8	2.0	2.3					3
COLEMAN	799	4.6	13.7	14.4	3.3	3.5	4.0					5
	COUNTY AVERAGE	4.6	13.7	14.4	3.3	3.5	4.0					5
EASTLAND	799	13.4	15.3	17.7	2.5	2.9	3.5	9,610	11,100	13,480		1
	COUNTY AVERAGE	13.4	15.3	17.7	2.5	2.9	3.5	9,610	11,100	13,480		1
ERATH	528	2.2	27.3	28.0	3.0	3.1	4.3	10,160	10,390	14,430		1
	799	2.2	27.3	28.0	3.0	3.1	4.3	10,160	10,390	14,430		12
	COUNTY AVERAGE	2.2	27.3	28.0	3.0	3.1	4.3	10,160	10,390	14,430		13
FAYETTE	799	28.2	17.3	24.2	2.2	3.2	4.2	7,760	10,810	14,260		6
	COUNTY AVERAGE	28.2	17.3	24.2	2.2	3.2	4.2	7,760	10,810	14,260		6
FREESTONE	799	26.3	9.8	13.4	1.3	1.8	2.0	8,000	10,850	12,530		7
	COUNTY AVERAGE	26.3	9.8	13.4	1.3	1.8	2.0	8,000	10,850	12,530		7

TABLE D. AVERAGE ANALYSES OF COAL BY STATE, COUNTY, AND BED

STATE: 48 TEXAS

COUNTY	BED	MOISTURE		ASH		SULFUR		A.R.	RTU DRY	M&AF	NO. OF ANAL
		A.R.	A.R.	DRY	A.R.	DRY	M&AF				
GREGG	799	12.0	8.1	9.3	.7	.9	.9				1
	COUNTY AVERAGE	12.0	8.1	9.3	.7	.9	.9				1
HARRISON	799	23.4	8.0	10.5	.8	1.1	1.2	8,640	11,280	12,610	11
	COUNTY AVERAGE	23.4	8.0	10.5	.8	1.1	1.2	8,640	11,280	12,610	11
HENDERSON	799	17.9	10.8	13.2	.9	1.2	1.3	8,480	10,320	11,890	8
	COUNTY AVERAGE	17.9	10.8	13.2	.9	1.2	1.3	8,480	10,320	11,890	8
HOPKINS	799	28.8	11.7	16.5	.7	1.0	1.1	7,280	10,220	12,240	8
	COUNTY AVERAGE	28.8	11.7	16.5	.7	1.0	1.1	7,280	10,220	12,240	8
HOUSTON	799	24.2	13.2	17.5	.7	1.0	1.2	8,190	10,810	13,100	18
	COUNTY AVERAGE	24.2	13.2	17.5	.7	1.0	1.2	8,190	10,810	13,100	18
JACK	799	10.2	20.4	22.8	1.7	1.9	2.4	9,430	10,510	13,610	1
	COUNTY AVERAGE	10.2	20.4	22.8	1.7	1.9	2.4	9,430	10,510	13,610	1
LFF	799	14.5	14.4	16.9	.7	.9	1.0	9,560	11,180	13,460	2
	COUNTY AVERAGE	14.5	14.4	16.9	.7	.9	1.0	9,560	11,180	13,460	2
LEON	799	27.0	8.3	11.5	1.0	1.5	1.6	7,710	10,560	11,930	18
	COUNTY AVERAGE	27.0	8.3	11.5	1.0	1.5	1.6	7,710	10,560	11,930	18
LIMESTONE	799	9.0	12.4	13.7	1.3	1.5	1.7	7,660	8,420	9,750	1
	COUNTY AVERAGE	9.0	12.4	13.7	1.3	1.5	1.7	7,660	8,420	9,750	1
MCCULLOCH	799	6.6	19.0	20.4	1.4	1.6	2.0	10,500	11,240	14,120	31
	COUNTY AVERAGE	6.6	19.0	20.4	1.4	1.6	2.0	10,500	11,240	14,120	31
MILAM	799	26.6	9.9	13.5	1.0	1.4	1.6	8,070	11,000	12,710	11
	COUNTY AVERAGE	26.6	9.9	13.5	1.0	1.4	1.6	8,070	11,000	12,710	11

TABLE D. AVERAGE ANALYSES OF COAL BY STATE, COUNTY, AND BED

STATE: 48 TEXAS

COUNTY	BED	MOISTURE		ASH		SULFUR		A.R.	BTU DRY	M&AF	NO. OF ANAL
		A.R.	A.R.	DRY	A.R.	DRY	M&AF				
MONTAGUE	799	5.6	7.5	8.0	1.4	1.5	1.6				2
	COUNTY AVERAGE	5.6	7.5	8.0	1.4	1.5	1.6				2
MORRIS	799	8.6	7.1	7.8	2.1	2.4	2.6				1
	COUNTY AVERAGE	8.6	7.1	7.8	2.1	2.4	2.6				1
PALO PINTO	528	3.4	14.9	15.5	2.8	2.9	3.4	12,060	12,480	14,770	3
	799	3.4	13.3	13.8	3.0	3.2	3.7	12,280	12,710	14,740	13
	COUNTY AVERAGE	3.4	13.7	14.2	2.9	3.1	3.6	12,240	12,670	14,760	16
PANOLA	799	25.5	5.5	7.5	2.1	2.9	3.1	9,070	12,170	13,150	2
	COUNTY AVERAGE	25.5	5.5	7.5	2.1	2.9	3.1	9,070	12,170	13,150	2
PARKER	799	5.4	16.2	17.2	2.6	2.8	3.3	11,590	12,250	14,800	6
	COUNTY AVERAGE	5.4	16.2	17.2	2.6	2.8	3.3	11,590	12,250	14,800	6
PRESIDIO	799	3.7	13.1	13.7	.7	.8	.9	10,100	10,490	12,150	5
	COUNTY AVERAGE	3.7	13.1	13.7	.7	.8	.9	10,100	10,490	12,150	5
RAINS	799	10.1	12.8	14.3	.8	1.0	1.1				2
	COUNTY AVERAGE	10.1	12.8	14.3	.8	1.0	1.1				2
ROBERTSON	799	27.5	8.6	11.9	.8	1.2	1.3	8,070	11,140	12,640	17
	COUNTY AVERAGE	27.5	8.6	11.9	.8	1.2	1.3	8,070	11,140	12,640	17
RUSK	799	13.1	8.0	9.3	1.1	1.3	1.4	11,020	12,680	13,980	5
	COUNTY AVERAGE	13.1	8.0	9.3	1.1	1.3	1.4	11,020	12,680	13,980	5
SAN AUGUSTINE	799			7.8		3.4	3.6				1
	COUNTY AVERAGE			7.8		3.4	3.6				1
SHELBY	799	25.1	6.9	9.3	1.9	2.6	2.8	8,870	11,840	13,060	2
	COUNTY AVERAGE	25.1	6.9	9.3	1.9	2.6	2.8	8,870	11,840	13,060	2

TABLE D. AVERAGE ANALYSES OF COAL BY STATE, COUNTY, AND BED

STATE: 48 TEXAS

COUNTY	BED	MOISTURE		ASH		SULFUR		A.R.	BTU DRY	M&AF	NO. OF ANAL
		A.R.	A.R.	DRY	A.R.	DRY	M&AF				
STEPHENS	799	6.9	17.9	19.3	6.5	7.0	8.6				1
	COUNTY AVERAGE	6.9	17.9	19.3	6.5	7.0	8.6				1
TITUS	799	32.8	6.9	10.3	1.0	1.5	1.6	7,080	10,540	11,750	2
	COUNTY AVERAGE	32.8	6.9	10.3	1.0	1.5	1.6	7,080	10,540	11,750	2
VAN ZANDT	799	27.2	4.8	6.6	.5	.7	.7	7,680	10,550	11,300	1
	COUNTY AVERAGE	27.2	4.8	6.6	.5	.7	.7	7,680	10,550	11,300	1
WASHINGTON	799	19.8	21.4	26.8	2.8	3.5	4.7	5,300	6,610	9,030	1
	COUNTY AVERAGE	19.8	21.4	26.8	2.8	3.5	4.7	5,300	6,610	9,030	1
WEBB	538	3.3	12.3	12.8	2.5	2.6	2.9	12,140	12,550	14,390	6
	539	3.4	14.1	14.6	1.9	2.0	2.3	11,420	11,830	13,850	18
	799	4.0	9.6	10.0	2.0	2.1	2.3	12,640	13,160	14,630	125
	COUNTY AVERAGE	3.9	10.2	10.7	2.0	2.1	2.3	12,490	13,000	14,560	149
WISE	531	13.7	14.4	16.7	2.1	2.5	3.0	9,790	11,340	13,620	7
	COUNTY AVERAGE	13.7	14.4	16.7	2.1	2.5	3.0	9,790	11,340	13,620	7
WOOD	799	28.5	9.2	13.0	.7	1.0	1.1	7,680	10,740	12,350	53
	COUNTY AVERAGE	28.5	9.2	13.0	.7	1.0	1.1	7,680	10,740	12,350	53
YOUNG	537	14.8	15.6	18.4	3.6	4.3	5.2	9,510	11,170	13,680	4
	COUNTY AVERAGE	14.8	15.6	18.4	3.6	4.3	5.2	9,510	11,170	13,680	4
	STATE AVERAGE	13.4	11.7	13.6	1.5	1.8	2.0	10,200	11,780	13,640	436

TABLE D. AVERAGE ANALYSES OF COAL BY STATE, COUNTY, AND BED

STATE: 49 UTAH

COUNTY	BED	MOISTURE		ASH		SULFUR			BTU		NO. OF ANAL
		A.R.	A.R.	DRY	A.R.	DRY	M&AF	A.R.	DRY	M&AF	
CARBON	001	3.6	7.9	8.2	.5	.6	.6	12,880	13,360	14,550	495
	002	4.2	6.8	7.2	.3	.4	.4	12,770	13,350	14,380	1314
	235	6.0	4.0	4.3	.4	.5	.5	12,940	13,770	14,390	4
	236	6.9	4.6	5.0	.8	.9	.9	12,520	13,450	14,150	5
	799	5.5	6.3	6.7	.5	.6	.6	12,610	13,360	14,320	41
	802	4.5	6.8	7.2	.9	1.0	1.0	12,980	13,590	14,650	130
	820	4.5	7.9	8.3	.4	.5	.5	12,530	13,120	14,310	94
	825	4.6	7.1	7.5	.3	.4	.4	12,640	13,250	14,320	595
	830	5.1	7.0	7.4	.4	.5	.5	12,510	13,180	14,230	614
	832	4.5	6.3	6.7	.2	.3	.3	12,820	13,430	14,390	1686
	834	13.5	5.8	6.8	.3	.4	.4	10,620	12,280	13,180	22
	836	3.1	7.1	7.4	.2	.3	.3	12,960	13,390	14,460	322
	840	4.1	6.6	6.9	.7	.8	.8	12,960	13,520	14,520	635
	842	4.8	5.9	6.2	.4	.5	.5	12,840	13,480	14,370	366
	843	3.6	7.4	7.7	.5	.6	.6	12,890	13,370	14,490	349
	844	4.2	6.6	7.0	1.1	1.2	1.2	12,930	13,520	14,530	3
	846	6.4	7.3	7.8	.6	.7	.7	12,310	13,150	14,260	735
	887	5.7	5.6	6.0	.8	.9	.9	12,790	13,560	14,430	6
	905	4.6	8.0	8.4	.3	.4	.4	12,610	13,220	14,430	116
	907	4.1	6.4	6.7	.3	.4	.4	12,840	13,390	14,350	6
COUNTY AVERAGE		4.6	6.8	7.2	.4	.5	.5	12,730	13,350	14,380	7538
DUCHESNE	007	10.1	6.1	6.8	1.5	1.7	1.8	10,210	11,360	12,190	1
	247	19.3	9.8	12.2	.6	.8	.9	8,120	10,070	11,470	3
	COUNTY AVERAGE		17.0	9.0	10.9	.8	1.0	1.1	8,620	10,390	11,660	4
EMERY	246	4.8	11.4	12.0	1.2	1.3	1.4				1
	260	5.2	14.1	14.9	.7	.8	.9	11,270	11,890	13,970	1
	799	4.1	7.0	7.4	.4	.5	.5	12,950	13,510	14,580	49
	800	6.9	6.2	6.7	.6	.7	.7	12,570	13,510	14,480	104
	802	5.8	6.3	6.7	.5	.6	.6	12,670	13,450	14,420	1052
	830	7.1	5.2	5.7	.4	.5	.5	12,460	13,410	14,220	22
	846	5.2	7.3	7.8	.4	.5	.5	12,690	13,390	14,520	189
	852	7.6	8.3	9.0	.7	.8	.8	11,850	12,830	14,100	8
	853	4.4	7.3	7.7	.7	.8	.8	12,740	13,330	14,440	26
	855	4.8	6.8	7.2	.3	.4	.4	12,940	13,600	14,650	370
	856	5.5	5.5	5.9	.4	.5	.5	12,930	13,700	14,560	2
	886	5.6	5.9	6.3	.5	.6	.6	12,810	13,580	14,490	2
COUNTY AVERAGE		5.6	6.6	7.0	.5	.6	.6	12,700	13,470	14,490	1826

TABLE D. AVERAGE ANALYSES OF COAL BY STATE, COUNTY, AND BED

STATE: 49 UTAH

COUNTY	BED	MOISTURE		ASH		SULFUR		M&AF	BTU		NO. OF ANAL.
		A.P.	A.P.	DRY	A.P.	DRY	A.P.		DRY	M&AF	
GARFIELD	255	15.5	7.1	8.5	.7	.9	.9	9.860	11,680	12,770	11
	257	4.6	4.7	5.0	1.3	1.4	1.4	10.200	10,700	11,260	1
	261	22.1	9.5	12.3	.7	.9	1.0	8.330	10,690	12,190	9
	262	5.0	15.2	16.1	2.8	3.0	3.5	11,570	12,180	14,520	2
	263	8.2	8.7	9.5	.9	1.0	1.1	11,030	12,020	13,280	4
	799	18.4	7.9	9.7	.6	.8	.8	9.770	11,970	13,260	11
	COUNTY AVERAGE		16.3	8.5	10.2	.8	1.0	1.1	9.680	11,560	12,880	38
GRAND	067	10.0	6.5	7.3	.6	.7	.7	10.270	11,410	12,310	1
	242	8.1	10.0	11.0	.6	.7	.7	11,460	12,490	14,030	11
	243	6.5	10.6	11.4	.5	.6	.6	11,610	12,420	14,010	5
	274	13.3	13.7	15.9	.5	.6	.7	10,230	11,800	14,030	4
	799	6.7	11.0	11.9	.6	.7	.7	11,690	12,550	14,240	16
	COUNTY AVERAGE		7.9	10.9	11.9	.5	.6	.6	11,400	12,380	14,050	37
IRON	268	9.1	9.8	10.8	5.9	6.5	7.2	10,710	11,780	13,210	50
	511	9.9	29.5	32.8	3.4	3.8	5.6	8,970	9,960	14,820	9
	799	8.2	12.5	13.7	5.6	6.2	7.1	10,660	11,610	13,450	42
	COUNTY AVERAGE		8.8	12.7	14.0	5.5	6.1	7.0	10,620	11,640	13,530	101
KANF	253	21.7	8.2	10.6	1.0	1.3	1.4	8.930	11,410	12,760	8
	254	11.4	5.5	6.3	.4	.5	.5	10,910	12,310	13,140	1
	255	13.2	10.5	12.1	.8	1.0	1.1	9,580	11,040	12,550	2
	256	12.6	7.6	8.7	.9	1.1	1.2	9,850	11,280	12,350	4
	257	13.4	7.2	8.4	.9	1.1	1.2	10,000	11,550	12,610	6
	260	12.5	10.4	11.9	.7	.9	1.0	9,420	10,770	12,220	1
	261	22.7	9.5	12.4	.6	.8	.9	7,750	10,030	11,450	1
	266	4.2	8.8	9.2	1.4	1.5	1.6	11,790	12,320	13,560	1
	799	18.0	8.3	10.2	1.5	1.9	2.1	9,790	11,960	13,310	24
	COUNTY AVERAGE		16.9	8.2	9.9	1.2	1.5	1.6	9,700	11,680	12,960	48
MORGAN	799	17.8	18.4	22.5	.4	.6	.7	8,370	10,190	13,150	2
	COUNTY AVERAGE		17.8	18.4	22.5	.4	.6	.7	8,370	10,190	13,150	2
SANPETE	799	3.4	8.0	8.3	.7	.8	.8	12,890	13,340	14,550	7
	COUNTY AVERAGE		3.4	8.0	8.3	.7	.8	.8	12,890	13,340	14,550	7

TABLE D. AVERAGE ANALYSES OF COAL BY STATE, COUNTY, AND RED

STATE: 49 UTAH

COUNTY	RED	MOISTURE		ASH		SULFUR			BTU		NO. OF ANAL	
		A.P.	A.P.	DRY	A.P.	DRY	M&AF	A.P.	DRY	M&AF		
SEVIER	799	5.0	9.5	10.0	1.6	1.7	1.8	12,100	12,740	14,160	10	
	848	6.2	8.9	9.5	.3	.4	.4	11,910	12,700	14,030	8	
	849	8.7	6.8	7.5	.3	.4	.4	11,730	12,850	13,890	28	
	851	8.0	9.0	9.8	.3	.4	.4	11,590	12,610	13,980	4	
	COUNTY AVERAGE	7.5	7.8	8.5	.6	.7	.7	11,830	12,780	13,970	50	
SUMMIT	799	14.3	4.2	5.0	1.1	1.4	1.4	10,900	12,720	13,390	18	
	850	14.3	4.6	5.4	1.2	1.5	1.5	10,760	12,560	13,270	21	
		COUNTY AVERAGE	14.3	4.4	5.2	1.2	1.5	1.5	10,830	12,640	13,330	39
UINTAH	007	12.8	15.2	17.5	.6	.7	.8	7,800	8,950	10,850	2	
	252	8.9	9.6	10.6	1.4	1.6	1.7	10,880	11,940	13,360	22	
	799	8.8	11.8	13.0	1.5	1.7	1.9	11,060	12,120	13,940	10	
		COUNTY AVERAGE	9.1	10.6	11.7	1.4	1.6	1.8	10,740	11,810	13,380	34
WASATCH	271	15.4	7.0	8.3	.8	1.0	1.0	10,320	12,200	13,300	2	
	273	19.2	6.2	7.7	.7	.9	.9	8,710	10,800	11,700	1	
		COUNTY AVERAGE	16.6	6.7	8.1	.8	1.0	1.0	9,780	11,730	12,770	3
WASHINGTON	799	6.7	14.5	15.6	2.2	2.4	2.8	10,780	11,560	13,700	2	
		COUNTY AVERAGE	6.7	14.5	15.6	2.2	2.4	2.8	10,780	11,560	13,700	2
WAYNE	262	5.5	15.9	16.9	2.4	2.6	3.1	10,830	11,470	13,800	1	
		COUNTY AVERAGE	5.5	15.9	16.9	2.4	2.6	3.1	10,830	11,470	13,800	1
		STATE AVERAGE	5.0	6.9	7.3	.5	.6	.6	12,660	13,320	14,370	9730

TABLE D. AVERAGE ANALYSES OF COAL BY STATE, COUNTY, AND BED

STATE: 53 WASHINGTON

COUNTY	BED	MOISTURE		ASH		SULFUR			BTU			NO. OF ANAL
		A.R.	A.R.	ASH DRY	A.R.	DRY	M&AF	A.R.	DRY	M&AF		
COWLITZ	502	32.2	6.5	9.6	.5	.8	.8	7,170	10,580	11,700	2	
	503	24.1	11.9	15.7	.9	1.3	1.5	7,850	10,340	12,270	1	
	505	32.0	28.2	41.5	.8	1.3	2.2	4,520	6,650	11,360	1	
	506	31.0	19.3	28.1	.2	.3	.4	7,600	11,020	15,330	1	
	799	20.1	18.1	22.7	2.8	3.6	4.6	7,800	9,760	12,630	4	
COUNTY AVERAGE		26.3	16.4	22.3	1.5	2.1	2.7	7,230	9,810	12,630	9	
KING	001	11.8	15.3	17.4	.6	.7	.8	9,920	11,240	13,610	50	
	402	9.5	13.4	14.9	.4	.5	.5	10,660	11,780	13,840	13	
	403	8.7	13.5	14.8	.7	.8	.9	10,990	12,030	14,120	15	
	404	8.7	11.8	13.0	.6	.7	.8	11,270	12,340	14,190	13	
	405	10.7	12.4	13.9	.7	.8	.9	10,630	11,900	13,820	14	
	406	8.3	14.3	15.7	.6	.7	.8	10,910	11,900	14,110	12	
	407	5.4	18.8	19.9	.5	.6	.7	10,940	11,560	14,430	5	
	408	14.3	11.5	13.5	.7	.9	1.0	10,200	11,900	13,760	4	
	409	14.7	10.5	12.4	.5	.7	.7	10,080	11,820	13,490	4	
	410	14.1	12.8	15.0	.5	.6	.7	9,820	11,430	13,450	7	
	412	13.2	6.3	7.3	1.5	1.8	1.9	11,130	12,820	13,830	1	
	414	16.9	12.3	14.9	.4	.6	.7	9,560	11,500	13,510	11	
	416	9.7	6.5	7.2	.9	1.0	1.0	11,800	13,070	14,080	1	
	417	10.1	18.2	20.3	.5	.6	.7	9,760	10,860	13,620	2	
	423	16.0	9.4	11.2	.5	.6	.6	9,870	11,750	13,230	6	
	425	13.2	9.5	11.0	.5	.6	.6	10,420	12,000	13,480	5	
	426	11.2	12.0	13.6	.6	.7	.8	10,560	11,900	13,770	4	
	427	14.3	12.5	14.6	.3	.4	.4	9,740	11,370	13,310	1	
	430	6.0	15.8	16.9	.5	.6	.7	11,250	11,970	14,400	5	
	432	4.6	13.0	13.7	.7	.8	.9	12,270	12,860	14,900	4	
	434	4.7	14.3	15.1	.5	.6	.7	11,880	12,470	14,680	3	
	440	16.2	16.1	19.3	.3	.4	.4	9,950	10,680	13,240	3	
	442	3.4	17.3	18.0	.8	.9	1.0	11,590	12,000	14,630	1	
	447	4.6	12.2	12.8	.6	.7	.8	12,730	13,340	15,300	1	
	448	15.4	11.2	13.3	1.2	1.5	1.7	9,940	11,740	13,550	9	
	450	8.9	12.5	13.8	.9	1.0	1.1	10,830	11,890	13,790	2	
	452	11.0	10.6	12.0	.3	.4	.4	10,800	12,140	13,790	3	
	454	9.0	9.9	10.9	.4	.5	.5	11,250	12,360	13,970	1	
	456	5.8	29.4	31.3	.5	.6	.8	9,260	9,830	14,310	2	
	457	6.4	21.8	23.3	.5	.6	.7	10,340	11,050	14,410	7	
	459	6.7	26.5	28.5	.3	.4	.5	9,520	10,220	14,290	2	
	799	11.3	11.2	12.7	.5	.6	.6	10,670	12,030	13,780	144	
821	4.7	12.1	12.7	.8	.9	1.0	12,420	13,030	14,930	1		
826	14.0	16.2	19.9	.2	.3	.3	9,400	10,940	13,480	3		
827	13.5	11.3	13.1	.6	.7	.8	9,890	11,430	13,150	1		

TABLE D. AVERAGE ANALYSES OF COAL BY STATE, COUNTY, AND BED

STATE: 53 WASHINGTON

COUNTY	BED	MOISTURE		ASH		SULFUR		RTU		NO. OF ANAL	
		A.R.	A.R.	DRY	A.R.	DRY	M&AF	A.R.	DRY		M&AF
KING	828	8.3	5.5	6.1	.6	.7	.7	12,230	13,340	14,200	109
	829	11.4	10.8	12.2	.4	.5	.5	10,770	12,160	13,840	30
	960	13.7	12.2	14.2	.3	.4	.4	10,160	11,780	13,720	26
	COUNTY AVERAGE	10.6	11.2	12.6	.6	.7	.8	10,860	12,150	13,900	525
KITITAS	002	3.0	14.7	15.2	.3	.4	.4	12,140	12,530	14,780	1
	400	10.4	22.7	25.4	1.0	1.2	1.6	8,980	10,020	13,430	1
	799	4.9	23.0	24.2	.3	.4	.5	10,880	11,440	15,100	2
	821	4.8	17.9	18.9	.2	.3	.3	11,180	11,740	14,480	6
	823	3.8	13.1	13.7	.3	.4	.4	12,140	12,620	14,620	200
	833	4.6	23.3	24.5	.3	.4	.5	10,830	11,350	15,030	4
	961	4.8	12.3	13.0	.3	.4	.4	12,240	12,860	14,780	2
	COUNTY AVERAGE	3.9	13.6	14.2	.3	.4	.4	12,050	12,540	14,620	216
LEWIS	488	16.8	17.3	20.8	3.9	4.8	6.0	8,700	10,460	13,200	1
	489	29.0	7.5	10.7	1.4	2.0	2.2	8,050	11,340	12,700	1
	490	24.2	11.2	14.8	.9	1.2	1.4	8,310	10,960	12,870	1
	491	26.1	11.9	16.2	1.4	2.0	2.3	7,810	10,570	12,610	1
	492	20.5	12.7	16.0	1.1	1.5	1.7	8,660	10,900	12,970	3
	494	23.7	9.4	12.4	.6	.9	1.0	8,620	11,290	12,890	3
	495	28.5	8.7	12.3	.7	1.0	1.1	7,860	11,000	12,540	22
	496	24.4	9.2	12.3	1.8	2.5	2.8	8,270	10,940	12,470	1
	497	25.1	13.4	18.0	.9	1.3	1.5	7,370	9,840	12,000	1
	499	4.2	17.3	18.1	1.2	1.3	1.5	11,620	12,150	14,830	2
	500	6.0	19.5	20.8	.5	.6	.7	10,560	11,230	14,180	5
	501	7.5	23.4	25.3	.9	1.0	1.3	9,540	10,310	13,800	2
	507	31.4	15.5	22.7	.4	.7	.9	6,440	9,380	12,140	2
	799	28.3	9.1	12.7	.7	1.1	1.2	7,900	11,020	12,620	118
	821	25.9	10.0	13.6	.8	1.2	1.3	8,320	11,230	13,000	1
	COUNTY AVERAGE	26.7	9.8	13.4	.8	1.1	1.2	8,060	11,000	12,700	164
PIERCE	402	4.4	10.8	11.4	.9	1.0	1.1	13,180	13,790	15,560	3
	403	4.1	14.1	14.8	.6	.7	.8	12,550	13,090	15,360	10
	404	3.4	12.9	13.4	.3	.4	.4	12,790	13,240	15,280	11
	405	3.8	12.5	13.0	.4	.5	.5	12,690	13,190	15,160	4
	406	3.1	10.8	11.2	.3	.4	.4	12,380	13,830	15,570	2
	407	4.7	20.8	21.9	.5	.6	.7	10,810	11,340	14,520	1
	461	3.8	9.6	10.0	.8	.9	.9	12,260	13,780	15,310	9
	462	3.4	12.0	12.5	1.0	1.1	1.2	12,940	13,390	15,310	32
	463	2.8	15.4	15.9	.3	.4	.4	12,520	12,880	15,310	10

TABLE D. AVERAGE ANALYSES OF COAL BY STATE, COUNTY, AND BED

STATE: 53 WASHINGTON

COUNTY	BED	MOISTURE		ASH		SULFUR			BTU		NO. OF ANAL	
		A.P.	A.P.	DRY	A.P.	DRY	M&AF	A.P.	DRY	M&AF		
PIERCE	464	3.9	14.1	14.7	.4	.5	.5	12,530	13,040	15,290	9	
	465	3.0	13.3	13.8	1.3	1.4	1.6	12,720	13,130	15,230	8	
	466	2.8	10.8	11.2	.4	.5	.5	13,420	13,800	15,540	5	
	467	3.6	15.3	17.0	.5	.6	.7	11,710	12,150	14,630	1	
	468	3.0	14.3	14.8	.4	.5	.5	12,410	12,800	15,030	4	
	469	2.2	18.4	18.9	.4	.5	.6	11,950	12,220	15,070	4	
	471	12.4	12.0	13.8	.6	.7	.8	10,360	11,830	13,720	1	
	473	6.7	17.5	18.8	.8	.9	1.1	11,550	12,390	15,260	1	
	474	5.1	22.9	24.2	.4	.5	.6	10,440	11,000	14,510	1	
	475	5.8	24.2	25.7	.3	.4	.5	10,410	11,050	14,870	1	
	476	4.1	20.6	21.5	1.8	1.9	2.4	11,230	11,710	14,920	3	
	478	4.4	17.3	18.2	.6	.7	.8	11,800	12,340	15,090	2	
	479	4.7	20.3	21.4	.5	.6	.7	10,860	11,400	14,500	1	
	480	4.8	19.2	20.2	.3	.4	.5	11,010	11,560	14,490	3	
	481	4.5	19.4	20.4	.3	.4	.5	11,270	11,800	14,820	1	
	484	3.3	12.6	13.1	.6	.7	.8	13,060	13,510	15,540	1	
	485	1.9	10.3	10.5	.4	.5	.5	13,720	13,990	15,630	1	
	799	5.1	16.0	16.9	1.8	2.0	2.4	12,070	12,720	15,300	63	
	COUNTY AVERAGE		4.1	14.4	15.1	1.1	1.2	1.4	12,420	12,950	15,250	192
	SKAGIT	393	.3	14.8	14.9	.1	.2	.2				1
799		1.0	7.4	7.5	.4	.5	.5				4	
COUNTY AVERAGE		.9	9.2	9.3	.3	.4	.4				5	
THURSTON	487	17.9	24.8	30.3	2.6	3.2	4.5	7,060	8,600	12,340	1	
	488	16.7	18.1	21.8	3.6	4.4	5.6	8,560	10,290	13,160	7	
	490	22.2	11.9	15.4	2.3	3.0	3.5	8,470	10,890	12,870	1	
	492	22.7	12.8	16.6	2.7	3.6	4.3	8,060	10,430	12,500	1	
	493	25.5	12.6	17.0	4.3	5.9	7.1	7,530	10,110	12,180	1	
	494	22.1	10.5	13.6	.3	.5	.5	8,660	11,120	12,870	1	
	495	22.2	8.2	10.6	.3	.5	.5	8,990	11,550	12,920	14	
	496	24.4	9.2	12.3	1.8	2.5	2.8	8,270	10,940	12,470	1	
	497	20.7	12.9	16.3	1.5	2.0	2.3	8,750	11,030	13,180	1	
	799	19.4	12.5	15.6	1.6	2.0	2.3	8,850	10,980	13,010	14	
	821	22.9	10.7	14.0	.3	.5	.5	8,490	11,010	12,800	4	
	826	21.2	11.4	14.5	.3	.5	.5	8,730	11,080	12,950	4	
	COUNTY AVERAGE		20.6	11.9	15.1	1.4	1.8	2.1	8,720	10,980	12,930	50
WHATCOM	393	1.6	2.1	2.2	1.0	1.1	1.1	11,920	12,110	12,380	1	
	394	5.5	3.6	3.9	1.1	1.2	1.2	7,150	7,580	7,880	1	

TABLE D. AVERAGE ANALYSES OF COAL BY STATE, COUNTY, AND BED

STATE: 53 WASHINGTON

COUNTY	BED	MOISTURE		ASH		SULFUR		A.P.	BTU		NO. OF ANAL
		A.P.	A.P.	DRY	A.P.	DRY	M&AF		DRY	M&AF	
WHATCOM	396	6.1	9.5	10.2	.9	1.0	1.1	12,730	13,550	15,090	5
	799	6.3	21.1	22.6	1.1	1.2	1.5	10,550	11,260	14,540	5
	831	6.9	15.0	16.2	.2	.3	.3	10,630	11,420	13,630	91
COUNTY AVERAGE		6.8	14.3	16.0	.3	.4	.4	10,690	11,490	13,670	103
STATE AVERAGE		10.7	12.3	13.8	.7	.8	.9	10,780	12,070	14,000	1264

TABLE D. AVERAGE ANALYSES OF COAL BY STATE, COUNTY, AND BED

STATE: 56 WYOMING

COUNTY	BED	MOISTURE		ASH		SULFUR			RTU		NO. OF ANAL
		A.P.	A.P.	DRY	A.P.	DRY	M&AF	A.P.	DRY	M&AF	
ALBANY	799	18.8	12.0	14.9	.8	1.0	1.1	8,840	10,880	12,790	6
	COUNTY AVERAGE	18.8	12.0	14.9	.8	1.0	1.1	8,840	10,880	12,790	6
BIG HORN	799	15.0	10.0	11.8	.8	1.0	1.1	9,990	11,750	13,320	17
	COUNTY AVERAGE	15.0	10.0	11.8	.8	1.0	1.1	9,990	11,750	13,320	17
CAMPBELL	701	33.9	5.0	7.6	.3	.5	.5	7,810	11,820	12,790	4
	706	31.6	6.9	10.2	1.2	1.9	2.1	7,810	11,420	12,720	5
	708	28.2	8.1	11.3	.9	1.3	1.4	8,050	11,210	12,630	2
	787	31.1	6.4	9.3	.6	.9	.9	8,040	11,680	12,870	19
	799	30.8	4.9	7.2	.2	.4	.4	8,130	11,750	12,660	1
	951	29.1	6.8	9.6	.5	.8	.8	8,200	11,570	12,800	30
	COUNTY AVERAGE	30.2	6.5	9.4	.6	.9	.9	8,100	11,600	12,810	61
CARBON	799	9.6	8.3	9.2	.6	.7	.7	11,140	12,320	13,570	359
	804	11.2	5.7	6.5	.3	.4	.4	11,250	12,670	13,550	8
	817	11.1	5.6	6.3	.2	.3	.3	11,190	12,590	13,430	17
	818	11.4	6.2	7.1	.3	.4	.4	11,150	12,580	13,540	770
	819	12.2	6.1	7.0	.4	.5	.5	11,040	12,580	13,520	2
	955	11.0	6.8	7.7	.2	.3	.3	11,100	12,470	13,510	5
	COUNTY AVERAGE	10.9	6.8	7.7	.4	.5	.5	11,140	12,500	13,540	1161
CONVERSE	522	15.0	15.0	17.7	.6	.8	.9	8,530	10,040	12,200	1
	523	14.8	8.2	9.7	.7	.9	.9	10,050	11,800	13,070	1
	799	26.3	6.5	8.9	.5	.7	.7	8,430	11,440	12,560	43
	COUNTY AVERAGE	25.8	6.7	9.1	.5	.7	.7	8,470	11,420	12,560	45
CROOK	799	21.1	9.4	12.0	4.0	5.1	5.7	9,060	11,480	13,040	22
	COUNTY AVERAGE	21.1	9.4	12.0	4.0	5.1	5.7	9,060	11,480	13,040	22
FREMONT	799	20.9	6.8	8.6	.5	.7	.7	9,420	11,910	13,030	57
	COUNTY AVERAGE	20.9	6.8	8.6	.5	.7	.7	9,420	11,910	13,030	57
HOT SPRINGS	001	13.5	6.8	7.9	.5	.6	.6	10,880	12,580	13,660	33
	799	12.5	5.9	6.8	.5	.6	.6	11,110	12,700	13,620	188
	COUNTY AVERAGE	12.6	6.1	7.0	.5	.6	.6	11,080	12,680	13,630	221

TABLE D. AVERAGE ANALYSES OF COAL BY STATE, COUNTY, AND BED

STATE: 56 WYOMING

COUNTY	BED	MOISTURE		ASH		SULFUR		A.P.	BTU		NO. OF ANAL
		A.R.	A.R.	DRY	A.R.	DRY	M&AF		DRY	M&AF	
JOHNSON	691	28.4	5.8	8.2	.5	.8	.8	7.960	11.120	12.110	8
	799	25.0	8.9	11.9	.9	1.2	1.3	8.130	10.850	12.310	16
	977	27.9	9.7	13.5	.5	.8	.9	7.530	10.440	12.070	3
	COUNTY AVERAGE	26.4	8.0	11.0	.7	1.0	1.1	7.990	10.860	12.200	27
LINCOLN	001	28.6	3.7	5.3	.2	.3	.3	8.020	11.230	11.860	1
	782	20.4	3.3	4.2	.5	.7	.7	10.120	12.710	13.270	742
	799	7.9	7.2	7.9	.5	.6	.6	11.910	12.930	14.040	29
	801	5.6	7.8	8.3	.8	.9	.9	12.240	12.980	14.160	182
	803	3.7	7.9	8.3	.9	1.0	1.0	12.880	13.380	14.590	51
COUNTY AVERAGE	16.5	4.3	5.2	.6	.8	.8	10.690	12.800	13.500	1005	
NATRONA	799	24.8	9.7	12.9	.6	.8	.9	8.030	10.680	12.260	13
	COUNTY AVERAGE	24.8	9.7	12.9	.6	.8	.9	8.030	10.680	12.260	13
NIOBRARA	799	29.9	7.2	10.4	.7	1.1	1.2	7.660	10.930	12.190	1
	COUNTY AVERAGE	29.9	7.2	10.4	.7	1.1	1.2	7.660	10.930	12.190	1
PARK	799	14.6	9.5	11.2	.5	.7	.7	9.920	11.620	13.080	35
	COUNTY AVERAGE	14.6	9.5	11.2	.5	.7	.7	9.920	11.620	13.080	35
SHERIDAN	002	22.8	4.4	5.8	.3	.5	.5	9.410	12.200	12.940	294
	520	22.8	6.7	8.7	.8	1.1	1.2	9.110	11.800	12.920	9
	691	27.7	7.5	10.4	.4	.6	.6	7.780	10.760	12.010	2
	695	23.1	4.2	5.5	.4	.6	.6	9.350	12.150	12.860	67
	697	24.4	4.7	6.3	.4	.6	.6	9.020	11.930	12.730	8
	698	24.7	4.6	6.2	.3	.5	.5	8.900	11.820	12.600	2
	701	26.3	5.3	7.3	.5	.8	.8	8.340	11.320	12.210	4
	702	27.7	5.7	8.0	1.1	1.6	1.7	8.140	11.250	12.230	5
	708	24.7	10.0	13.4	.4	.6	.6	7.620	10.120	11.690	1
	783	21.0	4.5	5.7	.4	.6	.6	9.720	12.300	13.050	1819
	784	23.2	4.1	5.4	.3	.5	.5	9.350	12.170	12.870	34
	786	24.3	4.3	5.8	.4	.6	.6	9.230	12.200	12.950	20
	787	23.5	4.8	6.3	1.3	1.8	1.9	9.010	11.780	12.570	1
	799	22.9	5.2	6.8	.3	.5	.5	9.280	12.040	12.910	22
	952	23.6	3.2	4.3	.3	.4	.4	9.520	12.460	13.020	5
COUNTY AVERAGE	21.5	4.5	5.8	.4	.6	.6	9.630	12.270	13.020	2293	

TABLE D. AVERAGE ANALYSES OF COAL BY STATE, COUNTY, AND BED

STATE: 56 WYOMING

COUNTY	BED	MOISTURE		ASH		SULFUR		M&AF	A.R.	BTU DRY	M&AF	NO. OF ANAL
		A.R.	A.P.	DRY	A.P.	DRY	A.P.					
SARLETTE	799	9.1	6.3	7.0	.5	.6	.6	11,720	12,890	13,860	7	
	COUNTY AVERAGE	9.1	6.3	7.0	.5	.6	.6	11,720	12,890	13,860	7	
SWEETWATER	001	7.9	3.8	4.2	.8	.9	.9	12,380	13,440	14,030	657	
	506	13.6	2.5	2.9	.9	1.1	1.1	10,970	12,700	13,080	1	
	739	10.6	2.2	2.5	1.2	1.4	1.4	11,460	12,820	13,150	1	
	788	10.9	15.5	17.5	.9	1.1	1.3	9,390	10,540	12,780	1	
	789	14.2	4.3	5.1	1.1	1.3	1.3	10,850	12,660	13,340	1	
	790	6.9	4.5	4.9	.7	.8	.8	12,460	13,390	14,080	185	
	791	11.3	4.8	5.5	.8	1.0	1.0	11,620	13,100	13,870	108	
	792	15.0	3.8	4.5	.8	1.0	1.0	11,070	13,020	13,640	14	
	793	11.2	2.3	2.6	.7	.8	.8	12,200	13,740	14,100	7	
	794	11.2	3.8	4.3	.7	.9	.9	11,760	13,250	13,840	157	
	795	16.0	2.7	3.3	.7	.9	.9	10,970	13,050	13,500	10	
	796	12.6	3.7	4.3	.8	1.0	1.0	11,590	13,260	13,850	22	
	797	14.4	3.5	4.2	.6	.8	.8	11,150	13,020	13,590	283	
	798	13.2	4.6	5.3	1.0	1.2	1.2	11,380	13,110	13,840	7	
	799	15.0	4.9	5.8	.9	1.1	1.1	10,340	12,170	12,920	31	
	953	9.1	4.5	5.0	.9	1.0	1.0	12,110	13,320	14,020	124	
	954	13.8	3.2	3.8	.6	.8	.8	11,270	13,080	13,600	45	
COUNTY AVERAGE		10.0	4.0	4.5	.8	.9	.9	11,940	13,270	13,890	1654	
TETON	799	8.4	7.0	7.7	.4	.5	.5	11,820	12,910	13,980	10	
	COUNTY AVERAGE	8.4	7.0	7.7	.4	.5	.5	11,820	12,910	13,980	10	
UINTA	799	13.6	7.3	8.5	1.0	1.2	1.3	10,500	12,150	13,280	58	
	COUNTY AVERAGE	13.6	7.3	8.5	1.0	1.2	1.3	10,500	12,150	13,280	58	
WASHAKIE	799	16.0	13.2	15.8	.7	.9	1.0	9,020	10,740	12,750	3	
	COUNTY AVERAGE	16.0	13.2	15.8	.7	.9	1.0	9,020	10,740	12,750	3	
WESTON	799	15.5	14.8	17.6	3.2	3.8	4.6	9,550	11,310	13,730	27	
	COUNTY AVERAGE	15.5	14.8	17.6	3.2	3.8	4.6	9,550	11,310	13,730	27	
	STATE AVERAGE	15.7	5.0	6.0	.5	.7	.7	10,630	12,620	13,420	6723	

APPENDIX E. - COALBED NAMES AND CODE NUMBERS

GENERAL

001	Various	799	Uncorrelated
002	Various		

ALASKA

009	Letter Beds	012	Two
011	One	013	Three

ARIZONA

498	Brown	502	Blue
499	Yellow	503	Red
501	Green		

ARKANSAS

551	Paris	563	Lower Hartshorne
552	Cavanal		Hartshorne
554	Charleston		Bernice
	Philpott		Denning
	Sky		Huntington
	Coal Ridge		Jenny Lind
			Shinn Basin
			Spadra
			Mammoth
556	Stigler		Excelsior Thin Vein
			Pickartz
558	McAlester		Lower Spadra
562	Upper Hartshorne	880	Lower and Upper Hartshorne
	Upper Spadra		
		911	Stigler and McAlester

COLORADO

006	Fruitland Fm.	040	Como
007	Mesaverde Fm.	041	Jeff Hill
008	Laramie Fm.	042	Capron
010	Coalmont Fm.	043	Mexican Creek
014	Dakota Sandstone Fm.	044	Mitchell Mine
015	Fort Union Fm.	045	Monahan
016	Lance Fm.	046	Riach
017	Williams Fork Fm.	047	Below Riach
018	Iles Fm.	048	Below Riach Double
019	Vermejo Fm.	049	Sudduth
020	Raton Fm.	050	Taylor Mine
030	Laramie A	051	Coal No. 1 - Mesaverde Fm.
031	Laramie No. 1	052	Coal No. 2 - Mesaverde Fm.
032	Laramie No. 2	053	Coal No. 3 - Mesaverde Fm.
033	Laramie No. 4	054	Coal No. 4 - Mesaverde Fm.
034	Laramie No. 5	055	Coal No. 5 - Mesaverde Fm.
035	Laramie No. 6	056	Coal No. 6 - Mesaverde Fm.
036	Laramie No. 7	057	Coal No. 7 - Mesaverde Fm.
037	Laramie Upper	058	Coal No. 8 - Mesaverde Fm.
038	Laramie Middle	059	Floresta
039	Laramie Lower	060	Lower Hogate

COLORADO (cont'd)

061 Middle Hogate	083 Fairfield No. 8
062 Upper Hogate	084 Fairfield No. 9
063 Keystone	085 Fairfield No. 10
064 Placita	086 Fairfield No. 11
065 Upper Part - Mesaverde Fm.	087 Fairfield No. 12
066 Anchor	088 Fairfield No. 13
067 Carbonera	089 Fairfield No. 14
068 Lower Carbonera	090 Fairfield No. 15
069 Middle Carbonera	091 Fairfield No. 16
070 Upper Carbonera	092 Fairfield No. 17
071 Upper Member - Dakota Ss.	093 Fairfield No. 18
072 Middle Member - Dakota Ss.	094 Fairfield No. 19
073 Lower Member - Dakota Ss.	095 Fairfield No. 20
074 Blevins Group	096 Fairfield No. 21
075 Fairfield Group	097 Fairfield No. 22
076 Fairfield No. 1	098 Fairfield No. 23
077 Fairfield No. 2	099 Fish Creek
078 Fairfield No. 3	100 Goff No. 1
079 Fairfield No. 4	101 Goff No. 2
080 Fairfield No. 5	102 Goff No. 3
081 Fairfield No. 6	103 Goff No. 4
082 Fairfield No. 7	104 Goff No. 5

COLORADO (cont'd)

105 Goff No. 6	127 Lion Canyon No. 1
106 Goff No. 7	128 Lion Canyon No. 2
107 Goff No. 8	129 Lion Canyon No. 3
108 Goff No. 9	130 Lion Canyon No. 4
109 Goff No. 10	131 Lion Canyon No. 5
110 Goff No. 11	132 Lion Canyon No. 6
111 Goff No. 12	133 Lion Canyon No. 7
112 Goff No. 13	134 Lion Canyon No. 8
113 Goff No. 14	135 Lion Canyon No. 9
114 Goff No. 15	136 Lion Canyon No. 10
115 Goff No. 16	137 Lion Canyon No. 11
116 Goff No. 17	138 Lion Canyon No. 12
117 Goff No. 18	139 Lion Canyon No. 13
118 Goff No. 19	140 Lion Canyon No. 14
119 Goff No. 20	141 Lion Canyon No. 15
120 Goff No. 21	142 Lion Canyon No. 16
121 Goff No. 22	143 Lion Canyon No. 17
122 Lay Section	144 Lion Canyon No. 18
123 Lion Canyon A	145 Lion Canyon No. 19
124 Lion Canyon B	146 Lion Canyon No. 20
125 Lion Canyon C	147 Lion Canyon No. 21
126 Lion Canyon D	148 Lion Canyon No. 22

COLORADO (cont 'd)

149	Lion Canyon No. 23	170	Black Diamond Group
150	Lion Canyon No. 24	171	Black Diamond No. 1
151	Middle Group - Wms. Fork	172	Black Diamond No. 2
152	Middle Group F Zone - Wms. Fork	173	Black Diamond No. 3
153	Middle Group G Zone - Wms. Fork	174	Black Diamond No. 4
154	Middle Group H Zone - Wms. Fork	175	Black Diamond No. 5
155	Middle Group J - Wms. Fork	176	Black Diamond No. 9
156	Middle Group K - Wms. Fork	177	Black Diamond No. 10
157	Middle Group L - Wms. Fork	178	Bear River
158	Middle Group N - Wms. Fork	179	Brooks
159	Middle Group O - Wms. Fork	180	Lower Group - Iles Fm.
160	Middle Group P - Wms. Fork	181	Lower Group A - Iles Fm.
161	Middle Group Q - Wms. Fork	182	Lower Group B - Iles Fm.
162	Middle Group R - Wms. Fork	183	Lower Group C - Iles Fm.
163	Middle Group S - Wms. Fork	184	Lower Group D - Iles Fm.
164	T M Group - Wms. Fork Twenty Mile Group	185	Lower Group E - Iles Fm.
165	Another Base Wms. Fork	186	Lower Group No. 1 - Iles Fm.
166	Base Wms. Fork	187	Lower Group No. 2 - Iles Fm.
167	Lower Third Wms. Fork	188	Lower Group No. 3 - Iles Fm.
168	Middle Wms. Fork	189	Royal Gorge
169	Top Wms. Fork	190	Vermejo A

COLORADO (cont 'd)

191 Vermejo B	212 Vermejo No. 3
192 Vermejo C	213 Vermejo No. 4
193 Vermejo D	214 Vermejo No. 5
194 Vermejo E	215 Upper Alamo
195 Vermejo F	216 Lower Alamo
196 Cokedale	217 Kebler No. 2
197 Piedmont	218 Mammoth
198 Lower Piedmont	219 Occidental
199 Sopris	220 Lenox
200 Lower Sopris	221 Rider
201 Upper Starkville	222 Upper Member - Raton Fm.
202 Berwind	223 Apache
203 Bunker Hill	224 Lower Member - Raton Fm.
204 Upper Bunker Hill	225 Middle Member - Raton Fm.
205 Lower Bunker Hill	226 Boncarbo
206 Gem	227 Martinez
207 New Rouse	228 Three Pines
208 Pryor	229 Mutual
209 Rainbow	230 Raton A
210 Thomas	231 Raton B
211 Vermejo No. 2	232 Carbonero

COLORADO (cont'd)

512	Fairfield No. 24	732	Magnet Ocean Wave
513	Vermejo No. 1	733	Fox Hill
514	G	735	Cass
516	Allen Ciruela	736	Zenith
521	Alfreda	738	Wolf Creek
675	Shamrock	739	Delagua No. 1
704	A (Carbondale Field)	741	Majestic
705	B (Carbondale Field) Coal Basin B	742	Lower Ludlow
709	Hastings	744	Chandler
711	Lower Starkville	745	Dirty Robinson Robinson Upper Robinson
712	Nonac	747	Empire
715	Wheeler	748	Pinnacle
717	Morley	749	Rockdale
718	Anderson	750	Wadge
719	Upper Ludlow	751	Primero
722	Upper Rugby	752	A
724	Rapson	753	B Somerset
725	Walsen	754	Bear C Juanita C
727	Palisade	755	D Oliver
729	Frederick		
730	Lower Robinson		

COLORADO (cont 'd)

756 E	768 Laramie No. 3
Red Canyon	
Upper Oliver	769 Collom
757 F	770 Cameo
Green Valley	
Hawksnest	901 Lennox and Wadge
758 Brookside	970 Upper and Lower Ludlow
759 Allen	971 Jack-O-Lantern and Monarch
Sunshine	972 D and E (Carbondale Field)
760 Lennox	974 A and Anderson (Carbondale)
761 Canon City	975 A and B (Carbondale Field)
762 Dry Creek	978 B and C (Grand Mesa and Somerset Fields)
763 Cameron	988 Upper and Lower (Laramie Fm.) Laramie Upper and Lower
764 Bear Canyon No. 6	994 Laramie Nos. 3 and 4
765 Jack-O-Lantern	
767 Radiant	

IOWA

438 Nyman	484 Mystic
441 Elmo	Upper Mystic
442 Nodaway	No. 1
472 Ovid	Centerville
482 Lonsdale	485 Lower Mystic
	Marshall
	489 Summit

IOWA (cont'd)

490	Mulky	548	Manbeck Upper Black Jack
492	Bevier Bedford	549	Hastie Plus
495	Wheeler	550	Hastie
496	Whitebreast	564	Tyson
506	Wiley	566	Pretty Upper Bituminous
510	Munterville	567	Colburn Cannel Big Coal
512	Lucas County No. 7	900	Mystic and Summit
517	Lucas County No. 5	902	Summit and Wiley
529	Laddsdale Rock Island No. 1 Harper	903	Bevier and Mulky
530	Ford Lower Lower-Ford Des Moines No. 1 Mammoth No. 3	940	Bevier and Whitebreast
539	Cliffland	945	Bevier and Summit
		987	Bevier and Wheeler

KANSAS

437	Lorton	441	Elmo
438	Nyman	442	Nodaway
439	Blacksmith Creek	443	Upper Williamsburg Ransomville
440	Cedar Creek		

KANSAS (cont 'd)

444	Williamsburg	497	Coalvale
445	Lower Williamsburg	499	Fleming Mineral Rider Bastard
446	Upper Sibley		
447	Sibley	504	Mineral Baxter Lightning Creek Cherry Creek Twenty-two Inch Upper Weir-Pittsburg Upper Cherokee
448	Lower Sibley		
450	Ottawa		
451	Blue Mound		
463	Thayer	506	Scammon
482	Mulberry	509	Tebo Pilot
484	Lexington		
489	Summit	513	Weir-Pittsburg Cherokee Lower Cherokee Lower
490	Mulky Bunker Hill Fort Scott Red Coal	540	Knifeton
		545	Rowe
492	Bevier Leavenworth Limestone Williams Pioneer Iron Clad Drywood	553	Columbus
		557	Neutral
		562	Riverton
496	Croweburg Cato Fire Clay Huntsinger Mud Seam One Foot	797	Cedar Vale Fm.
		903	Bevier and Mulky
		904	Fleming and Mineral Fleming and Baxter

KANSAS (cont'd)

906	Weir-Pittsburg and Rowe	945	Bevier and Summit
909	Weir-Pittsburg and Columbus	966	Baxter and Limestone Baxter and Bevier Bevier and Mineral
912	Weir-Pittsburg and Tebo	979	Bevier and Tebo
925	Knifeton and Rowe	987	Bevier and Wheeler
940	Bevier and Croweburg		

MISSOURI

438	Nyman	495	Wheeler
441	Elmo	496	Croweburg One Foot Lower Ardmore Moundville Soadstone Little Tebo Fire Clay
442	Nodaway		
446	Upper Sibley		
468	Ovid		
482	Mulberry Foster	499	Fleming Middle Rich Hill Middle Two Foot
484	Lexington Mendota		
486	Alvis	501	Robinson Branch
489	Summit	504	Mineral Rich Hill Lightning Creek Lower Rich Hill Chilhowee Brush Hill
490	Mulky Honey Creek Lower Fort Scott Macon City Red	506	Scammon
492	Bevier Higbee Huntsville Williams	509	Tebo Walker

MISSOURI (cont 'd)

513	Weir-Pittsburg Cherokee Lower Cherokee Bowen Mammoth Eureka	904	Fleming and Mineral Middle and Lower Rich Hill Fleming and Lightning Creek
529	Bluejacket	906	Weir-Pittsburg and Rowe Cherokee and Rowe
537	Drywood	910	Croweburg and Summit
540	Knifeton	912	Weir-Pittsburg and Tebo
545	Rowe Cainsville Montserrat Waverly Jordan	925	Knifeton and Rowe
900	Lexington and Summit	940	Bevier and Croweburg
902	Scammon and Summit	945	Bevier and Summit
903	Bevier and Mulky	966	Bevier and Mineral Bevier and Rich Hill Bevier and Lightning Creek
		979	Bevier and Tebo
		987	Bevier and Wheeler

MONTANA

290	Coal Ridge	297	Elk
291	Paunee	298	Garfield
292	Odell	299	Ferry
293	King	300	Broadus
294	Alderson	301	Cache
295	Dominy	302	Flowers Goodale
296	Cook	303	Allen

MONTANA (cont 'd)

304 Terrett	325 Mizpah
305 Patton	326 Bear Jaw
306 Stump	327 Shook
307 Mackin Walker	328 Squaw Creek
308 Moths	329 Foster
309 Contact	330 Burley
310 Snedecker	331 Trail Creek
311 Nicholls	332 Big Dirty
312 Badger	333 Upper Tullock
313 Harmon	334 Flowers
314 Powers	335 Haddow
315 Brewster Arnold	336 Carroll
316 Carter	337 Lane
317 Elmhurst	338 Butterfield
318 Hercules	339 Budka
319 Divide	340 Gaines
320 Kitty Springs	341 Solack
321 Strevall	342 Lower Elvirio
322 Johnson Creek	343 Upper Elvirio
323 Hagen	344 Stillson
324 Fivemile	345 Pust

MONTANA (cont'd)

346	Prittegurl	368	Ashland E
347	Otter	369	Ashland F
348	Dunning	370	Ashland X
349	Diamond	371	Lee
350	Moorhead No. 5	372	Lay Creek
351	Moorhead No. 5-A	373	Wright
352	Moorhead No. 6	374	Scobey B
353	Moorhead No. 6 Split	375	Scobey C
354	Moorhead No. 7	376	Scobey D
355	Moorhead No. 8	377	Base of Lance
356	Moorhead No. 8-A	378	Tongue River Member P
357	Moorhead No. 9	379	Tongue River Member Q
358	Moorhead No. 9-A	380	Tongue River Member R
359	Moorhead No. 9-B	381	Tongue River Member S
360	Moorhead No. 9-C	382	Lebo Member J
361	Moorhead No. 11	383	Lebo Member T
362	Moorhead No. 12	384	Tullock Member V
363	Moorhead No. 12-A	385	Tullock Member W
364	Moorhead No. 12-B	386	Tullock Member X
365	Ashland A	387	Tullock Member Y
366	Ashland C	388	Hell Creek Member Z
367	Ashland D	389	Sidney Nos. A thru F

MONTANA (cont 'd)

390 Sidney No. G	783 Monarch
391 Sidney No. H	787 Roland
392 Sidney No. I-J-K	805 Bull Mountain
397 Lanark	806 Mammoth
515 McCleary	807 Carpenter Creek
517 Robinson	808 Rosebud
520 Dietz No. 2	809 No. 1
524 Sawyer	811 No. 3
525 McKay	812 No. 4
526 Knoblock	814 No. 5
695 Wall	816 Belt Creek
697 Canyon	926 Anderson and Canyon
698 Dietz Dietz No. 1	927 Anderson and Dietz
699 Anderson	931 Rosebud and McKay
701 Smith	933 Middle and Lower Tullock
702 Arvada	935 Dietz Nos. 1 and 2
706 Felix	938 Moorhead Nos. 8 and 9
780 Roundup	951 Smith and Roland
781 No. 2	

NEW MEXICO

003	Menefee Fm.	507	Upper York Canyon York
004	Crevasse Canyon Fm.	508	Khoeler
005	Various Beds (5) Menefee and Crevasse Fms. Menefee and Crevasse Canyon Fms.	509	Vermejo
006	Fruitland Fm. Various Beds - Fruitland Fm.	510	Tin Pan
476	Yellow	771	Sugarite
477	Fuschia	772	Yankee
478	Green	773	Raton
479	Blue	774	Aztec
482	No. 2	775	Gibson
483	No. 3	776	White Ash
484	No. 4	777	Hogback
485	No. 5	778	Cook and White
486	No. 6	779	Carthage
487	No. 7	785	Black Diamond
488	No. 8	965	Blue and Fuschia

NORTH DAKOTA

561	Scranton	567	Noonan
562	Garner Creek	568	Dunn Center I
563	T Cross	569	Beulah-Zap E
564	Harmon	571	D
565	Fairman		

NORTH DAKOTA (cont'd)

572	C Haynes	575	Coteau
574	Coalbank	577	Garrison Creek
		578	Burlington

OKLAHOMA

436	Ralston	503	Eram
437	Lorton	504	Mineral Welch
441	Elmo	507	Sequoyah
442	Nodaway	509	Tebo Pilot
463	Thayer	513	Weir-Pittsburg Cherokee
467	Cedar Bluff	521	Pawpaw White Oak
472	Dawson Tulsa	527	Secor Upper Witteville Blocker Jones Creek Mayberry Massey Quinton
484	Lexington	529	Bluejacket
490	Iron Post Fort Scott Hill Lightning Creek Mulky	537	Drywood Bellamy
492	Bevier		
496	Croweburg Broken Arrow Henryetta		
498	Morris		
499	Fleming		

OKLAHOMA (cont'd)

545	Rowe	903	Bevier and Mulky Bevier and Iron Post Bevier and Fort Scott Bevier and Lightning Creek
552	Cavanal Lower Witteville		
556	Stigler Upper McAlester	904	Fleming and Mineral Fleming and Welch
558	McAlester Lower McAlester Lehigh Coalgate-Lehigh	906	Weir-Pittsburg and Rowe Cherokee and Rowe
562	Upper Hartshorne Riverton	911	Lower and Upper McAlester Lehigh and Stigler McAlester and Stigler
563	Lower Hartshorne Atoka Grady Panama McCurtain Hartshorne	912	Weir-Pittsburg and Tebo Cherokee and Tebo
587	Baldwin	940	Bevier and Croweburg Bevier and Broken Arrow Bevier and Henryetta
880	Lower and Upper Hartshorne Atoka and Riverton Hartshorne and Riverton	966	Bevier and Mineral Bevier and Welch
		979	Bevier and Tebo Bevier and Pilot

OREGON

518	Carter	839	E
519	Anderson	841	H
837	Beaver Hill	845	J
838	D		

SOUTH DAKOTA

275	Firesteel		
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TEXAS

527	Sunday Creek	534	Chaffin
528	Thurber	536	Bull Creek
529	Abbott	537	Newcastle
531	Bridgeport	538	San Pedro
532	Dalton	539	Santo Thomas

UTAH

007	Mesaverde Coal Zone	246	Beckwith
067	Carbonera	247	Winchester
233	Cottonwood	248	Frontier No. 1
234	Upper Bear Canyon	249	Frontier No. 2
235	Bob Wright	250	Frontier No. 3
236	Wattis	251	Frontier No. 4
237	Tank	252	Frontier Zone
238	Candland	253	Smirl Zone
239	Fish Creek	254	Bald Knoll Zone
240	Royal Blue	255	Alvey Zone
241	Upper Blackhawk	256	Rees Zone
242	Chesterfield	257	Christensen Zone
243	Palisade	258	Castle Gate Group
244	Sevier	259	Spring Canyon Group
245	Wilson	260	Lower Zone

UTAH (cont 'd)

261	Henderson Zone	830	Aberdeen Castle Gate A
262	Ferron Zone	832	Castle Gate B
263	Emery Zone	834	Castle Gate C
264	Straight Cliffs Zone	836	Castle Gate D Kenilworth
265	John Henry Member	840	Subseam No. 1
266	Smoky Hollow Member	842	Subseam No. 2
267	Nelson Member	843	Subseam No. 2-1/2
268	Upper Culver Zone	844	Subseam No. 3
269	Lower Culver Zone	846	Hiawatha King-Hiawatha
270	Lower Zone - Orderville Area	847	Upper Hiawatha
271	Upper Mesaverde	848	Ivie
272	Middle Mesaverde	849	Upper Ivie
273	Lower Mesaverde	850	Wasatch
274	Ballard Zone	851	Muddy No. 1
504	A Minus	852	Ferron A
505	Lilac	853	Ferron J
511	Tropic Dakota Interval	854	Muddy No. 2
674	Upper Sunnyside	855	Blind Canyon
800	Sunnyside	856	Bear Canyon
802	Lower Sunnyside	878	A and B (Kane County)
820	Rock Canyon		
825	Gilson		

UTAH (cont 'd)

886	Hiawatha and Bear Canyon	911	Castle Gate A and Hiawatha
887	Castle Gate B and Subseam No. 1	912	Castle Gates A and B
892	C and D (Kane County)	918	Lower and Upper Sunnyside
899	Blind Canyon and Hiawatha	929	Muddy Nos. 1 and 2
905	Castle Gates A and D	993	Rock Canyon and Fish Creek
907	Castle Gates C and D	996	Wasatch and Dry Hollow
908	Castle Gate B and Subseam No. 3		

WASHINGTON

393	Blue Canyon	411	Shoo Fly
394	Lake Watcom	412	Newenham
395	Bellingham No. 2	413	Senior
396	Glacier	414	Springbrook
400	Green No. 7	415	Sunbeam
402	No. 1	416	Cavanaugh No. 2
403	No. 2	417	Discovery
404	No. 3	418	Ryan No. 1
405	No. 4	419	New Lake Youngs No. 2
406	No. 5	420	Cedar Mountain No. 1
407	No. 6	421	Cedar Mountain No. 2
408	Dolly Varden	422	Kummer No. 4
409	May Creek	423	Dalt No. 4
410	Muldoon	424	Harris

WASHINGTON (cont 'd)

425 Dale No. 7	447 Pocahontas
426 Gem	448 Frazier
427 Kummer No. 1	449 Ravensdale No. 9
428 Kummer No. 0	450 Eight Foot
429 Fulton No. 12	451 Ravensdale No. 5
430 Franklin No. 10	452 Landsburg No. 1
431 Occidental No. 1	453 Ravensdale No. 4
432 Carbon	454 Six Foot
433 Eureka	455 Ravensdale No. 3
434 Navy No. 6	456 Dutch
435 Sunset No. 1	457 Victory
436 Occidental No. 2	458 Elk No. 1
437 Carbon Bayne No. 3	459 Big Elk
438 Navy No. 4	460 Elk No. 2
439 Sunset No. 2	461 Wilkeson No. 5
440 Durham No. 2	462 Wilkeson No. 4
441 Occidental No. 3	463 Wilkeson No. 3
442 Carbon Bayne No. 2	464 Wilkeson No. 2
443 Sunset No. 7	465 Wilkeson No. 1
444 Occidental No. 6	466 Wilkeson No. 7
445 Carbon Bayne No. 1	467 Carbonado No. 5
446 Occidental No. 14	468 Carbonado No. 8

WASHINGTON (cont 'd)

469	Morgan No. 7	497	Upper Thompson
471	Crocker	498	Lucas Creek
472	Burnt	499	Ladd No. 2
473	Snell	500	Ladd No. 3
474	Black Carbon	501	Ladd No. 4
475	Nisqually	502	Leavell
478	No. 7	503	Cherry Creek
479	No. 8	504	Red Ash
480	No. 10	505	Silver Lake
481	No. 11	506	Walker
482	No. 12	507	Cedar Creek No. 1
484	Blacksmith	508	Cedar Creek No. 2
485	McNeill	509	Cedar Creek No. 3
487	Black Bear	510	Big Ben
488	D and F	821	Big Big Dirty Big Dirty No. 1
489	Golden Glow	823	Roslyn Roslyn No. 5
490	Little Dirty	824	Plant No. 6 Roslyn No. 6
491	Lower Thompson	826	Bagley
492	Mendota	827	Dale
493	Penitentiary	828	McKay
494	Smith	829	Jones
495	Tono No. 1		
496	Tono No. 2		

WASHINGTON (cont'd)

831	Bellingham No. 1	962	Roslyn and Roslyn No. 6 Roslyn Nos. 5 and 6 Roslyn and Plant No. 6
833	Roslyn No. 8 Wright No. 8	967	Numbers 2 and 5
960	Bagley and May Creek	969	Numbers 4 and 5
961	Roslyn and Big Roslyn No. 5 and Big		

WYOMING

276	Bed Below Healy	687	Upper Cameron
277	Bed Below Murray	688	Timar
278	Bed Below Ucross	689	Schuman
279	Bed Above Healy	691	Healy
280	Bed Above Walters	692	Walters
281	Bed Below Schuman	694	Monument Peak
282	Bed Above Cameron	695	Wall
398	No. 65	697	Canyon
399	No. 80	698	Dietz No. 1
401	No. 82	699	Anderson
506	Rock Springs No. 8	701	Smith
522	Badger	702	Arvada
523	School	706	Felix
681	Ucross	707	Scott
682	Murray	708	Lower Ulm Ulm No. 2
684	Dry Creek	782	Adaville
685	Lower Cameron	783	Monarch

WYOMING (cont 'd)

784 Carney	803 Willow Creek
786 Masters	804 Hanna No. 1
787 Roland	817 Hanna No. 2
789 Rock Springs No. 4	818 Hanna No. 3
790 Rock Springs No. 3	819 Hanna No. 5
791 Rock Springs No. 1	926 Anderson and Canyon
792 Rock Springs No. 7-1/2	927 Anderson and Dietz Anderson and Dietz No. 1
793 Rock Springs No. 9	935 Dietz Nos. 1 and 2
794 Rock Springs No. 7	951 Smith and Roland
795 Rock Springs No. 10	952 Monarch and Carney
796 Rock Springs No. 11	953 Rock Springs Nos. 1 and 3
797 Rock Springs No. 15	954 Rock Springs Nos. 10 and 15
798 Van Dyke	955 Hanna Nos. 2 and 79-A
801 Kemmerer	977 Lower and Upper Cameron