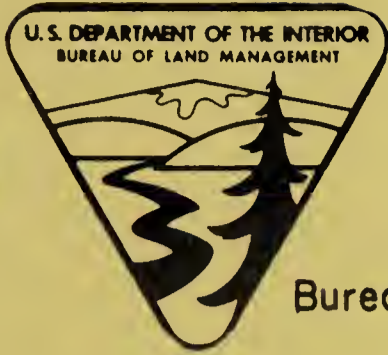


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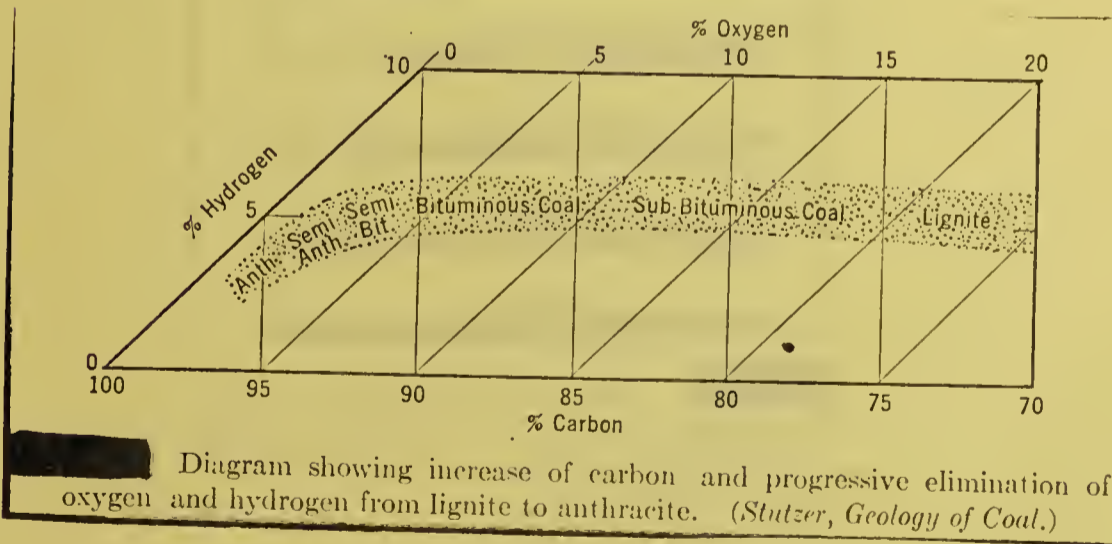
Bureau of Land Management U.S. DEPARTMENT OF THE INTERIOR

Subject: Coal Data

CLASSIFICATION OF COAL BY RANK

[FC = fixed carbon; VM = volatile matter; A = agglomerating; NA = nonagglomerating; W = weathering; NW = nonweathering]

Class	Group	Limits		Physical Properties	
		FC	VM		
I Anthracitic	1. Meta anthracite	98+	2-	NA and NW	
	2. Anthracite	98-92	2-8	NA and NW	
	3. Semi-anthracite	92-86	8-14	NA and NW	
II Bituminous	1. Low volatile	86-78	14-22	NA and NW	
	2. Med. volatile	78-69	22-31	NA and NW	
	3. High volatile A	69-	31+	NA and NW	
III Subbituminous			Btu		
	4. High volatile B	14,000-13,000		A or NW	
	5. High volatile C	13,000-11,000		NA and W	
	1. Subbit. A	13,000-11,000		NA and W	
	2. Subbit. B	11,000- 9,500		NA and W	
IV Lignitic	3. Subbit. C	9,500- 8,300		NA and W	
	1. Lignite	8,300-		Consolidated	
	2. Brown coal	8,300-		Unconsolidated	



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

COAL RESOURCES OF THE WORLD

Type	Billion tons	Continents	Billion tons	Leading Countries	Billion tons
Anthracite	497	1. Americas	5,405	1. United States	3,839
Bituminous	3,903	2. Asia	1,280	2. Canada	1,234
Other coals	2,998	3. Europe	784	3. China	996
		4. Oceania	170	4. Germany	477
Total	7,398	5. Africa	58	5. Russia	233
				6. Great Britain	190
				7. Australia	160
				8. India	79

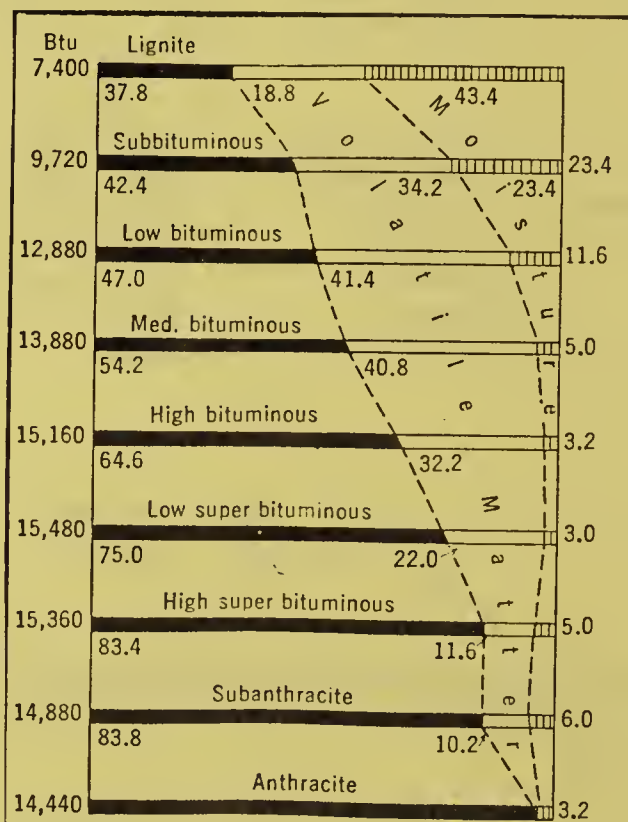


Diagram showing ranks of coals, chemical composition, and heat units in Btu (figures at left). (After Campbell, *U. S. Geol. Surv. p.*)