						Pennsylvania		West Virginia					Kentucky				Virginia			Tennessee		
										Kanawha Valley region	Tug Fork region				Hazard and Big Sandy reserve districts	Harlan subdistrict Upper Cumberland River reserve district					Jellico area	Walnut Mountain area
							Bituminous coal field			Southern West Virginia coal field	Southern West Virginia coal field	Southern West Virginia coal field			Eastern Kentucky coal field	Eastern Kentucky coal field			Southwest Virginia coal field		west of Cumberland overthrust sheet	Cumberland overthrust sheet
										Boone, Clay, Fayette, Greenbrier, Kanawha, Nicholas, Raleigh, Wyoming Cos.	Boone, Lincoln, Logan, McDowell, Mingo, Wayne, Wyoming Cos.				Breathitt, Floyd, Harlan, Johnson, Knott, Leslie, Letcher, Martin, Perry, Pike Cos.	Bell, Harlan, Letcher Cos.			western Buchanan, Dickenson, Lee, Wise Cos.		Anderson, Campbell, Morgan, Scott Cos.	Campbell, Claiborne Cos.
System	Series	Midcontinent Stage	Group (this report)	Code (this report)	Coal Zone Names (this report)	Formation	Formal or informal units	Formation	Divisions of Blake (1998)	Formal or informal units	Formal or informal units	Formal or informal units	Group as used by Chesnut (1992)	Formations of Chesnut (1992)	Formal or informal units	Formal or informal units	Formation	Informal division of Noide (1994a)	Formal or informal units	Formation of Wilson and others (1956) as revised by Hardeman and others (1966)	Formal or informal units	Formal or informal units
Pennsylvanian (part)	Middle (part)	Desmoinesian (part)	Allegheny (part)			Allegheny (part)	Lower Kittanning coal	Charleston Sandstone (part)		No. 6 Block coal (a,b,c)	No. 6 Block coal (a,b,c)	No. 6 Block coal zone (a,b,c)	Breathitt (part)	Princess (part)	eroded	eroded			eroded		eroded	eroded
				13	No. 5 Block coal zone		Clarion coal (?)			No. 5 Block coal (a,b,c)	No. 5 Block coal (a,b,c)	No. 5 Block coal zone (a,b,c)			Richardson, Skyline coal zones (g,h)							
							Brookville coal (?)			Little No. 5 Block coal (c)	Little No. 5 Block coal (c)	Little No. 5 Block coal (c)										
										Stockton "A" coal (c)	Stockton "A" coal (c)	Stockton "A" coal (c)										
		Atokan					Homewood Sandstone Member	Kanawha Formation (part)	upper	Kanawha black flint of White (1891)	Kanawha black flint of White (1891)	Kanawha black flint of White (1891)			Stoney Fork Member (?) (g)		Harlan					
				14	Stockton and Coalburg coal zone		Lower Mercer coal (?)			Stockton coal	Stockton coal	Stockton coal zone (c,d)		Four Corners	Broas coal zone (e,g,h)	Black Mountain coal zone (h)			No. 13 coal			
				15			?			Coalburg coal	Coalburg coal	Coalburg coal zone (c,d)			Peach Orchard coal zone (e,g,h)	High Splint coal zone (h)		Wise of Atokan Age	High Splint coal (i)	Vowell Mountain (part)	Hazard No. 9 (?) (k)	
										Arnett Member (d)	Arnett Member (d)	Arnett Member (d)			Arnett Member (h)							
				16	Winifrede/Hazard coal zone					Winifrede coal (d,e)	Winifrede, Buffalo Creek coals (d,e)	Winifrede coal zone (c,d,f)			Hazard coal zone (h)	Morris coal zone (h)			Morris, No. 11 coals (i,j)	Redoak Mountain	Braden Mountain, Pewee coals (l)	
				17						Lower Winifrede coal (d,e)	Lower Winifrede, Lower Buffalo Creek coals (d,e)				Haddix coal zone (h)	Lower Highsplint coal (h)			Reynolds Sandstone Member (i,j)		Red Ash coal	
																Reynolds Sandstone Member (h)						Fodderstack Sandstone Member	
										Winifrede limestone of White (1908) (c,d,f)	Buffalo Creek limestone of Hennen and Reger (1914) (c,d,f)	Winifrede Shale Member (c,d,f)			Magoffin Member (g,h)	Magoffin Member (g,h)			Magoffin Member		Magoffin Member	
		Morrowan (part)							middle	Chilton coal (c,d,f)	Chilton "A" coal (c,d,f)	Chilton coal zone (c,d,f)		Hyden	Copland coal zone, Taylor coal	Limestone coal			Pardee coal		Sharp coal	
												marine zone (d)			marine zone (h)	marine zone (h)					Caryville Sandstone Member (?)	
															Fire Clay rider coal zone	Smith coal zone			Gin Creek coal		Big Mary coal	
										Hernshaw coal (?) (c,d,f)	Chilton coal (c,f)	Fire Clay coal zone (c,d,f)			Fire Clay coal	Wallins Creek coal zone			Phillips coal	Graves Gap	Windrock coal	Walnut Mountain coal
										Seth limestone of Krebs and Teets (1915) (c,d,f)		marine zone (c,d,f)			member J (h)			unit 3			Roach Creek Sandstone Member (?)	Magoffin Member (l)
										Cedar Grove coal (c,d,f)	Hernshaw coal (c,d,f)	Cedar Grove coal (d,f)			Whitesburg coal zone	Stray coal zone			House coal (?) (i,j)		Upper Pioneer coal	
											Dingess limestone of Hennen and Reger (1914) (c,d,f)	Dingess Shale Member			Kendrick Shale Member (g,h)	Kendrick Shale Member (g,h)			Kendrick Shale Member		Kendrick Shale Member	
				22	Williamson/Amburgy coal zone					Alma coal (c,d,f)	Williamson coal (c,d,f)	Williamson coal zone		Pikeville	Williamson, Amburgy coal zones	Creech coal zone		unit 2	Low Splint coal		Lower Pioneer, Jordan coals	Windrock coal (l)
										Campbell Creek limestone of White (1885) (c,d,f)	Seth limestone of Krebs and Teets (1915) (d)	Campbell Creek limestone of White (1885)			Elkins Fork shale of Morse (1931) (h)	Elkins Fork shale of Morse (1931) (h)			Marcum Hollow Sandstone Member	Indian Bluff	Pioneer Sandstone Member	
				24	Campbell Creek/Upper Elkhorn No. 3 coal zone					Peerless coal, Campbell Creek coal zone (c,d,f)	Cedar Grove coal (c,d,f)	Peerless, Campbell Creek coal zones (c,f)			Upper Elkhorn No. 3 coal zone	Taggart coal zone (h)			Taggart coal (i,j)		Elk Gap coal	Jordan coal (l)
										No. 2 Gas coal, Campbell Creek coal zone (c,d,f)	Lower Cedar Grove coal (c,d,f)	No. 2 Gas, Campbell Creek coal zones (c,d,f)				Taggart Marker coal (h)			Taggart Marker coal (i,j)			Pioneer Sandstone Member (?) (l)
				25	Upper Elkhorn Nos. 1 and 2/Powellton coal zone					Powellton coal (c,d,f)	Alma coal (c,d,f)	Powellton coal zone (d)			Upper Elkhorn No. 1, Upper Elkhorn No. 2 coals (h)	Harlan coal zone (h)			Wilson, Upper St. Charles coals (i,j)	Statestone (part)	Jellico coal zone	Jellico coal zone (l)
										Cannelton limestone of White (1885) (c,d,f)	Campbell Creek limestone of White (1885) (c,d,f)	Crummies Member (d)			Crummies Member (h)	Crummies Member (h)			marine zone (j)		Sand Gap Sandstone Member	Newcomb Sandstone Member
										Eagle coal (c,d,f)	Campbell Creek coal (c,f)	Eagle coal zone (c,d)			Pond Creek, Lower Elkhorn coals	Imboden coal, Path Fork coal zone (h)			Kelly, Imboden coals (i,j)		Blue Gem coal zone	Rich Mountain coal zone
										Eagle limestone and shale of White (1891) (c,d,f)	Cannelton limestone of White (1885) (c,d,f)	Betsie Shale Member			Betsie Shale Member (g,h)	Betsie Shale Member (g,h)			Betsie Shale Member (j)		Betsie Shale Member	Betsie Shale Member

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