

Figure 2.5-6—{Regional Geologic Map 200-Mile (320-Km) Radius Explanation}**Explanation**

CCNPP 200-mile Geology
King and Beikman (1974) Unit Descriptions

Qp	Pleistocene	D3	Upper Devonian
Tm	Miocene	D3c	Upper Devonian continental
Te	Eocene	Pzg2	Middle Paleozoic granitic rocks
Tx	Paleocene	D2	Middle Devonian
uK4	Navarro Group	D	Devonian
uK	Upper Cretaceous	De	Devonian eugeosynclinal
uK1	Woodbine and Tuscaloosa Groups	D1	Lower Devonian
IK3	Washita Group	DS	Devonian and Silurian
IK	Lower Cretaceous	S3	Upper Silurian (Cayugan)
Trv	Mafic Lava interbedded in Triassic Newark Group	S	Silurian
Tri	Triassic mafic intrusives	IPz	Lower Paleozoic
Tr	Triassic	O2	Middle Ordovician (Mohawkian)
um	Ultramafic rocks	O	Ordovician
P1	Wolfcampian series	Oe	Ordovician eugeosynclinal
Ocal	Cataclastic rocks	Ov	Ordovician volcanic rocks
PP4	Virgilian Series	Pzg1	Lower Paleozoic granitic rocks
Pzg3	Upper Paleozoic granitic rocks	O1	Lower Ordovician (Canadian)
PP3	Missourian series	OC	Lower Ordovician and Cambrian carbonate rocks
PP2	Des Moinesian series	C	Cambrian
PP	Pennsylvanian	Ce	Cambrian eugeosynclinal
PP1	Atokan and Morrowan series	Cv	Cambrian volcanics
mm1	Felsic paragneiss and schist	Cq	Basal Lower Cambrian clastic rocks
mm2	Mafic paragneiss (= hornblende, amphibolite)	Z	Z sedimentary rocks
mm3	Migmatite	Zg	Z granitic rocks
Pzmi	Paleozoic mafic intrusives	Zv	Z volcanic rocks
mm4	Felsic orthogneiss (= granite gneiss)	Ym	Paragneiss and schist
M	Mississippian	Ya	Anorthosite
		Ygn	Orthogneiss

Figure 2.5-7—{Physiographic Map of Maryland}

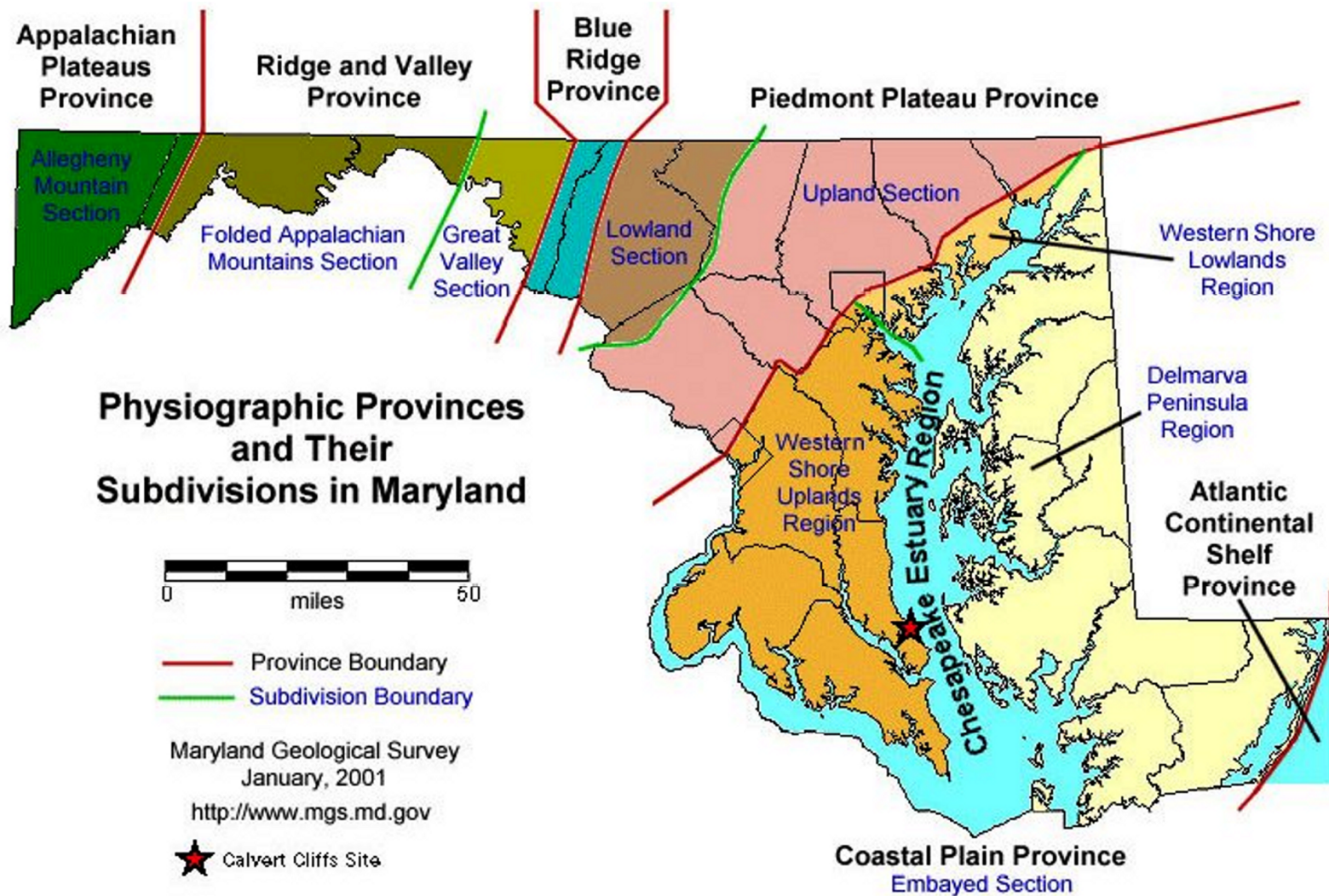


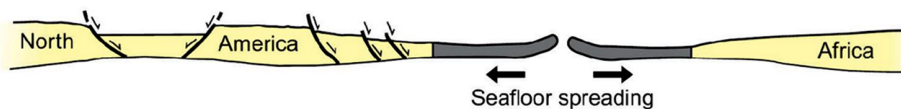
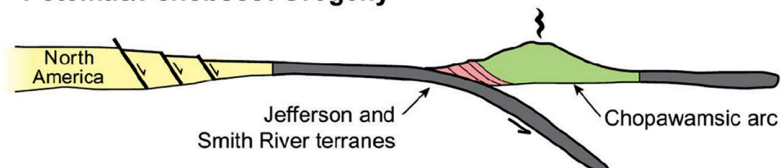
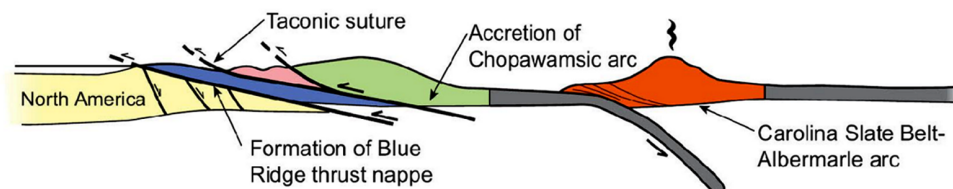
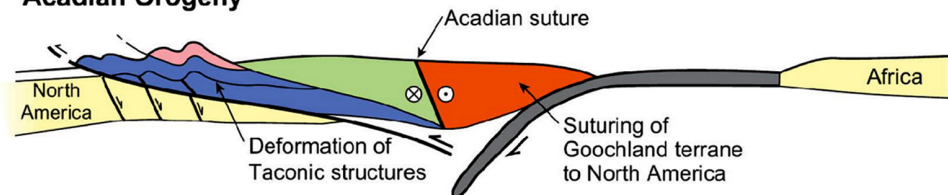
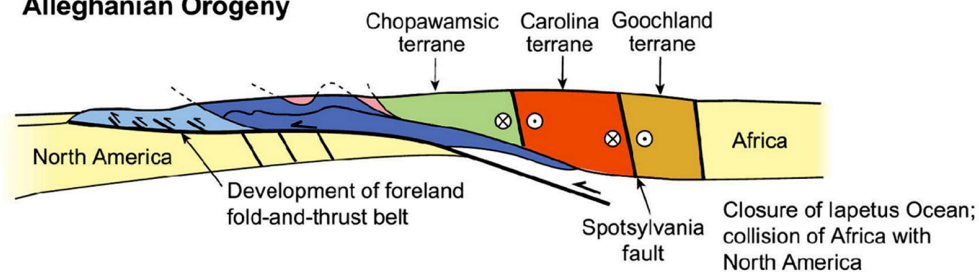
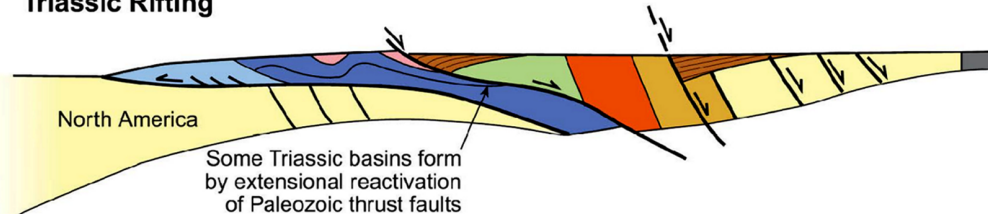
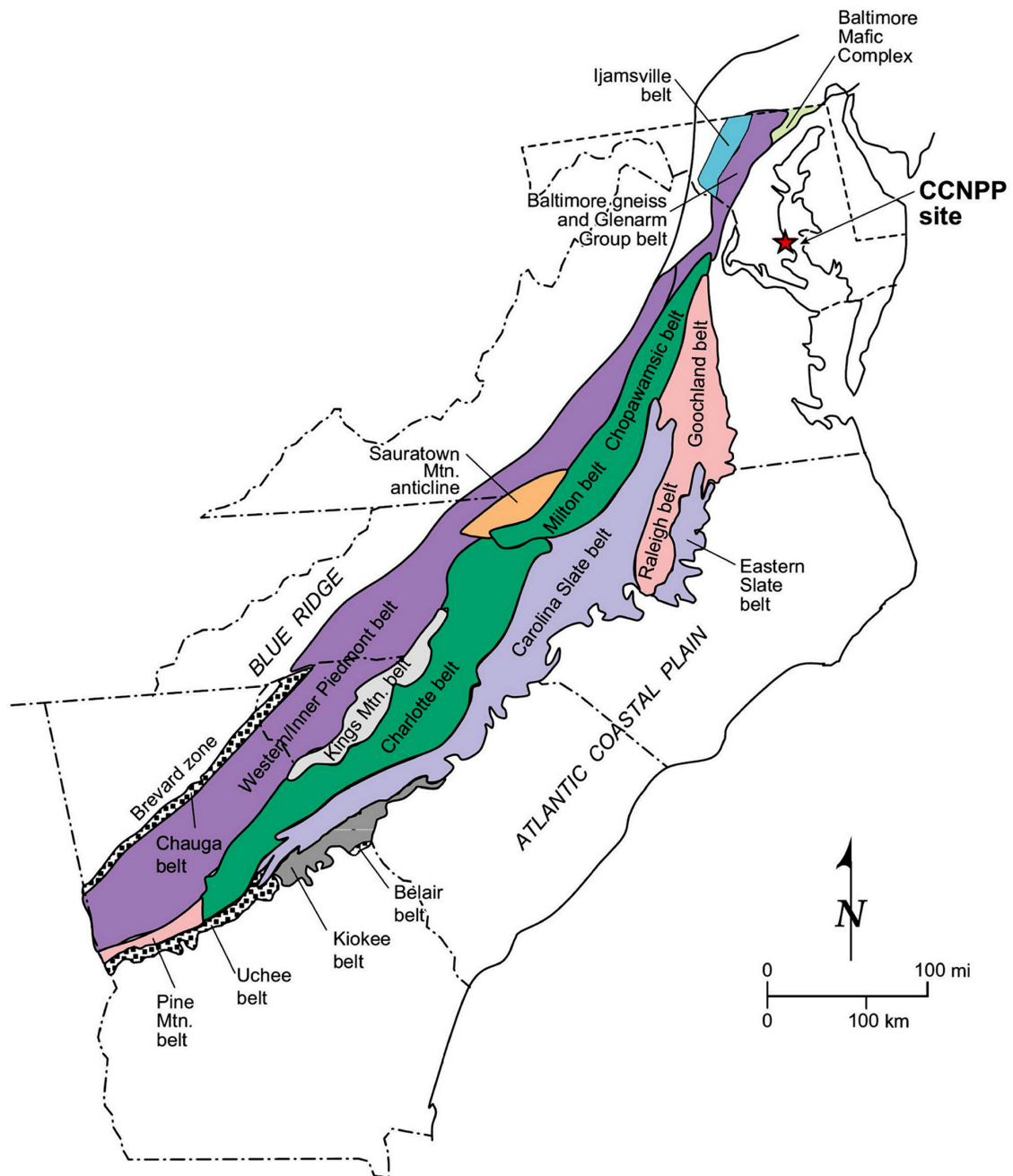
Figure 2.5-8—{Evolution of the Appalachian Orogen}**Close of Grenville Orogeny (~1 Ga)****Late Precambrian rifting; opening of Iapetus Ocean****Potomac/Penobscot Orogeny****Taconic Orogeny****Acadian Orogeny****Alleghanian Orogeny****Triassic Rifting**

Figure 2.5-9—{Lithotectonic Belts of the Piedmont Province}

Source: Bledsoe and Marine, 1980; and
Fichter and Baedke, 2000

Figure 2.5-10—{Map of Mesozoic Basins}

