

**22—PLATE-TECTONIC FEATURES**

REF NO	DESCRIPTION	SYMBOL	CARTOGRAPHIC SPECIFICATIONS*	NOTES ON USAGE*
22.1	Active spreading axis or mid-oceanic ridge, with rift—Accurately located. Sawteeth point in direction of spreading		color 100% red / 60° lineweight .375 mm 1.25 mm spacing may vary sawtooth lineweight .25 mm; spacing 12.5 mm	May also be shown in black or other colors.
22.2	Active spreading axis or mid-oceanic ridge, with rift—Approximately located. Sawteeth point in direction of spreading		10.0 mm 2.5 mm	
22.3	Active spreading axis or mid-oceanic ridge, without rift—Accurately located. Sawteeth point in direction of spreading		color 100% red / 60° lineweight .625 mm 1.25 mm spacing may vary sawtooth lineweight .25 mm; spacing 12.5 mm	
22.4	Active spreading axis or mid-oceanic ridge, without rift—Approximately located. Sawteeth point in direction of spreading		10.0 mm 2.5 mm	
22.5	Ancient spreading axis or mid-oceanic ridge—Accurately located. Sawteeth point in direction of spreading		1.25 mm all lineweights .25 mm 60° sawtooth spacing 12.5 mm 75 mm	May also be shown in other colors.
22.6	Ancient spreading axis or mid-oceanic ridge—Approximately located. Sawteeth point in direction of spreading		10.0 mm 2.5 mm	
22.7	Surface trace of active deep-seismofocal or subduction zone—Accurately located. Sawteeth on upper plate		lineweight .375 mm color 100% red 1.25 mm 6.25 mm sawtooth radius 3.0 mm	May also be shown in black or other colors.
22.8	Surface trace of active deep-seismofocal or subduction zone—Approximately located. Sawteeth on upper plate		5.25 mm 1.0 mm	
22.9	Surface trace of active deep-seismofocal or subduction zone—Showing fore-arc sediments. Sawteeth on upper plate		pattern 427-R	
22.10	Active convergent plate boundary—Accurately located. Sawteeth on upper plate		lineweight .375 mm color 100% red 6.25 mm 2.0 mm 60°	
22.11	Active convergent plate boundary—Approximately located. Sawteeth on upper plate		5.25 mm 1.0 mm	
22.12	Active convergent plate boundary—Showing accretionary prism. Sawteeth on upper plate		pattern 429-R	
22.13	Ancient convergent plate boundary—Accurately located. Sawteeth on upper plate		lineweight .25 mm 6.25 mm 1.75 mm 60°	May also be shown in other colors.
22.14	Ancient convergent plate boundary—Approximately located. Sawteeth on upper plate		5.25 mm 1.0 mm	
22.15	Active transform fault, sense of offset unspecified—Accurately located		color 100% red lineweight .375 mm	May also be shown in black or other colors.
22.16	Active transform fault, sense of offset unspecified—Approximately located		3.5 mm 1.0 mm	
22.17	Active transform fault, right-lateral offset—Accurately located. Arrows show relative motion		arrow lineweight .3 mm 25° 1.75 mm color 100% red 5.0 mm lineweight .375 mm	
22.18	Active transform fault, right-lateral offset—Approximately located. Arrows show relative motion		3.5 mm 1.0 mm	
22.19	Active transform fault, left-lateral offset—Accurately located. Arrows show relative motion		arrow lineweight .3 mm 1.75 mm 25° color 100% red 5.0 mm lineweight .375 mm	
22.20	Active transform fault, left-lateral offset—Approximately located. Arrows show relative motion		3.5 mm 1.0 mm	
22.21	Active transform fault, normal offset—Accurately located. Hachures on downthrown side		color 100% red lineweight .375 mm 1.0 mm hachure lineweight .175 mm; spacing .375 mm	
22.22	Active transform fault, normal offset—Approximately located. Hachures on downthrown side		3.5 mm 1.0 mm	
22.23	Ancient transform fault, sense of offset unspecified—Accurately located		lineweight .25 mm	May also be shown in other colors.
22.24	Ancient transform fault, sense of offset unspecified—Approximately located		3.5 mm 1.0 mm	

\*For more information, see general guidelines on pages A-i to A-v.

**22—PLATE-TECTONIC FEATURES (continued)**

REF NO	DESCRIPTION	SYMBOL	CARTOGRAPHIC SPECIFICATIONS*	NOTES ON USAGE*
22.25	Continental slope—Accurately located. Rectangles point downslope		lineweight 25 mm  tooth height .875 mm; width 1.5 mm	May also be shown in other colors.
22.26	Continental slope—Approximately located. Rectangles point downslope		 5.25 mm 1.0 mm	
22.27	Continental slope—Showing margin filled by sedimentation. Rectangles point downslope		pattern 119-K 	
22.28	Outline of basin—Accurately located. Sawteeth point into basin		all lineweights .2 mm  6.25 mm 90° .75 mm	
22.29	Outline of basin—Approximately located. Sawteeth point into basin		 5.25 mm 1.0 mm	
22.30	Deep-sea trench—Patterned where filled by sedimentation		all lineweights .2 mm  pattern 119-K	
22.31	Margin of oceanic rise—Accurately located. Hachures point downslope		all lineweights .2 mm  .625 mm 1.0 mm	
22.32	Margin of oceanic rise—Approximately located. Hachures point downslope		 5.25 mm 1.0 mm	
22.33	Volcanic ridge or edifice—Accurately located. Hachures point downslope		all lineweights .2 mm  .625 mm 3.125 mm	
22.34	Volcanic ridge or edifice—Approximately located. Hachures point downslope		 5.25 mm 1.0 mm	
22.35	Guyot—Hachures point downslope		all lineweights .2 mm  hachure height .625 mm; spacing .5 mm	
22.36	Seamount, nonvolcanic origin—Sawteeth point downslope		sawtooth spacing 5.0 mm  60° 5.0 mm 1.0 mm all lineweights .2 mm	
22.37	Seamount, volcanic origin—Sawteeth point downslope			
22.38	Seamount, nonvolcanic origin (shown as point symbol when too small to outline at map scale)		all lineweights .2 mm  .625 mm circle diameter 1.375 mm	
22.39	Seamount, volcanic origin (shown as point symbol when too small to outline at map scale)		lineweights .2 mm  dot diameter 1.375 mm	

\*For more information, see general guidelines on pages A-i to A-v.