


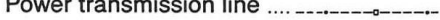




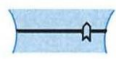








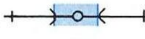
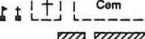
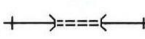




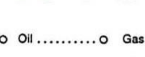
Symbols


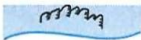

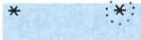
Most topographical maps are multicolored, and each color has a special meaning. In general, black is used to show man-made features: railroads, buildings, trails, boundaries, location names. Blue indicates water: streams, marshes, lakes. Green areas are covered with forests or shrubs, while white stands for the open country of meadows, talus slopes, beaches, and alpine tundra. Red is reserved for improved roads and for grid lines and numbers that, when used with a compass, can improve the accuracy of your navigating.

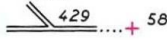
MEANING OF MAP COLORS















Green	Major vegetation (forest, brush, orchard)
Blue	Water (lake, stream, spring, marsh, water tank)
Red	Highways or boundaries
Black	Man-made structures and place names (buildings, roads, trails, bridges, railroads)
White	Absence of major vegetation, (prairie, meadow, tundra—above timberline)
Brown	Contour lines and standard elevations






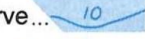








TOPOGRAPHIC MAP SYMBOLS






Primary highway		Power transmission line	
Secondary highway		Landmark line	
Light-duty road			
Unimproved road		Dam with lock	
Trail		Canal with lock	
Railroad: single track		Large dam	
Railroad: multiple track		Small dam	
Bridge		Buildings	
Drawbridge		School—church	
Tunnel		(barn, warehouse,)	
Footbridge		Tanks	
Overpass—Underpass		Wells	

- U.S. mineral prospect ▲ x
- Quarry—Gravel pit ⌘ x
- Mine shaft ▣ Y
- Campsite—Picnic area ♪ x
- Landmark—Windmill ○ X
- Exposed wreck 
- Rock or coral reef 
- Foreshore flat 
- Rock: bare or awash * 

- Horizontal control station Δ
- Vertical control station BM X₆₇₁ X₆₇₂
- Road fork  429 + 58
- Checked spot elevation x 5970
- Unchecked spot elevation x 5970

- Index contour 
- Supplementary cont. 
- Cut—Fill 
- Mine dump 
- Dune area 
- Sand area 
- Tailings 
- Intermediate contour ... 
- Depression contours ... 
- Levee 
- Large wash 
- Tailings pond 
- Distorted surface 
- Gravel beach 

- Glacier 
- Perennial streams ... 
- Water well—Spring 
- Rapids 
- Channel 
- Sounding—Depth curve ...  10
- Dry lake bed 
- Intermittent streams 
- Aqueduct tunnel 
- Falls 
- Intermittent lake 
- Small wash 
- Marsh (swamp) 
- Land subject to controlled inundation 

- Woodland 
- Submerged marsh ... 
- Orchard 
- Vineyard 
- Mangrove 
- Scrub 
- Wooded marsh 
- Bldg. omission area .. 