

TOPOGRAPHIC MAP SYMBOLS

BOUNDARIES

National	
State or territorial	
County or equivalent	
Civil township or equivalent	
Incorporated city or equivalent	
Park, reservation, or monument	
Small park	

LAND SURVEY SYSTEMS

U.S. Public Land Survey System:	
Township or range line	
Location doubtful	
Section line	
Location doubtful	
Found section corner; found closing corner	
Witness corner; meander corner	
Other land surveys:	
Township or range line	
Section line	
Land grant or mining claim; monument	
Fence line	

ROADS AND RELATED FEATURES

Primary highway	
Secondary highway	
Light duty road	
Unimproved road	
Trail	
Dual highway	
Dual highway with median strip	
Road under construction	
Underpass; overpass	
Bridge	
Drawbridge	
Tunnel	

BUILDINGS AND RELATED FEATURES

Dwelling or place of employment: small; large	
School; church	
Barn, warehouse, etc.: small; large	
House omission tint	
Racetrack	
Airport	
Landing strip	
Well (other than water); windmill	
Water tank: small; large	
Other tank: small; large	
Covered reservoir	
Gaging station	
Landmark object	
Campground; picnic area	
Cemetery: small; large	

RAILROADS AND RELATED FEATURES

Standard gauge single track; station	
Standard gauge multiple track	
Abandoned	
Under construction	
Narrow gauge single track	
Narrow gauge multiple track	
Railroad in street	
Juxtaposition	
Roundhouse and turntable	

TRANSMISSION LINES AND PIPELINES

Power transmission line: pole; tower	
Telephone or telegraph line	
Aboveground oil or gas pipeline	
Underground oil or gas pipeline	

CONTOURS

Topographic:	
Intermediate	
Index	
Supplementary	
Depression	
Cut; fill	
Bathymetric:	
Intermediate	
Index	
Primary	
Index Primary	
Supplementary	

MINES AND CAVES

Quarry or open pit mine	
Gravel, sand, clay, or borrow pit	
Mine tunnel or cave entrance	
Prospect; mine shaft	
Mine dump	
Tailings	

SURFACE FEATURES

Levee	
Sand or mud area, dunes, or shifting sand	
Intricate surface area	
Gravel beach or glacial moraine	
Tailings pond	

VEGETATION

Woods	
Scrub	
Orchard	
Vineyard	
Mangrove	

MARINE SHORELINE

Topographic maps:	
Approximate mean high water	
Indefinite or unsurveyed	
Topographic-bathymetric maps:	
Mean high water	
Apparent (edge of vegetation)	

COASTAL FEATURES

Foreshore flat	
Rock or coral reef	
Rock bare or awash	
Group of rocks bare or awash	
Exposed wreck	
Depth curve; sounding	
Breakwater, pier, jetty, or wharf	
Seawall	

BATHYMETRIC FEATURES

Area exposed at mean low tide; sounding datum	
Channel	
Offshore oil or gas: well; platform	
Sunken rock	

RIVERS, LAKES, AND CANALS

Intermittent stream	
Intermittent river	
Disappearing stream	
Perennial stream	
Perennial river	
Small falls; small rapids	
Large falls; large rapids	
Masonry dam	
Intermittent lake or pond	
Dry lake	
Narrow wash	
Wide wash	
Canal, flume, or aqueduct with lock	
Elevated aqueduct, flume, or conduit	
Aqueduct tunnel	
Water well; spring or seep	

GLACIERS AND PERMANENT SNOWFIELDS

Contours and limits	
Form lines	

SUBMERGED AREAS AND BOGS

Marsh or swamp	
Submerged marsh or swamp	
Wooded marsh or swamp	
Submerged wooded marsh or swamp	
Rice field	
Land subject to inundation	