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SOUNDINGS IN FEET

12313

SCALE 1:15,000
Nautical Miles
Yards

East Park Reservoir
Fairmount Park
Girard Ave
Girard College
Philadelphia Museum of Art
Spring Garden Street
Fairmount Park Drive
Kelly Drive
Schuylkill Expressway
Hospital
University of Pennsylvania
Woodlands Cemetery
Gray's Ferry Ave
Market Street
Chestnut Street
Walnut Street
South St
CITY HALL
SPIRE
TOWER (CUSTOM HO)
Washington Ave
Tasker St
Oregon Avenue
Packer Ave
Girard Pt
Gibson Pt
Yankee Pt
Point Breeze
Harkness Pt
Fort Mifflin
Tinicum Island
Lazaretto Point
Darby Creek
Cobbs Creek
Woodbury Creek
Washington Neck Pt
Verga
Eagle Pt
NATIONAL PARK
MONUMENT
STANDPIPE
Greenwich Pt
Windy Pt
Gloucester Pt
Kaighn Pt
Cooper Pt
Pettys Island
PETTY ISLAND
BACK CHANNEL
PORT RICHMOND
CRAMER HILL
EAST CAMDEN
PAVONIA
CAMDEN
GLOUCESTER CITY
LEAGUE ISLAND
NAVY YARD
MUD ISLAND
Parnham Park
Parkside
Northmont
Highland Park
Brooklawn
Mount Ephraim
WESTVILLE
Little Timber Creek
Big Timber Creek
Newton Cr
Cooper River
Delaware River
Schuylkill River
PHILADELPHIA
Philadelphia International Airport
BILLINGSPORT
Bramell Pt
Lodge Pt
Manitua Creek
Acuthon Lake
Hoddon Lake
Kaighn Ave
Admiral Wilson Blvd
Mount Ephraim
Tanks
STACKS
CUPOLA
MAST
TOWER
RADIO TOWER (WCAM) (1310 kHz)
Hosp
Obstn
Dolphins
Piles
Ruins
Wks
Grass
Cable Area
Pipeline Area
Submarine pipeline
Submarine cable
Ferry
Fixed bridge
Swing bridge
Bascule bridge
Overhead pipe
Overhead cable
Aerial cable
Underwater rock
Foul area
Anchorage area
Limited construction
Under construction
Platform
Pier
Jetty
Groin
Bulkhead
Seawall
Levee
Dam
Marina
Boat ramp
Boat slip
Mud flats
Sand and mud
Submerged piles
Submerged pile
Submerged wreck
Fish haven
Fish trap
Fish weir
Fish stakes
Oyster beds
Clam beds
Kelp
Rock
Rocky bottom
Coral
Shell
Gravel
Sand
Mud
Soft bottom
Hard bottom
Rip rap
Concrete
Asphalt
Brick
Wood
Steel
Iron
Stone
Clay
Silt
Peat
Lignite
Coal
Ore
Salt
Water
Land
Island
Peninsula
Point
Cape
Bluff
Cliff
Ridge
Valley
Hill
Mountain
Summit
Saddle
Pass
Gap
Notch
Col
Plateau
Mesa
Butte
Canyon
Gorge
Ravine
Arroyo
Wash
Dry wash
Intermittent stream
Perennial stream
Spring
Well
Geyser
Hot spring
Mud volcano
Mud pot
Fumarole
Solfatara
Sulfur
Sulfur deposit
Sulfur mine
Sulfur quarry
Sulfur refinery
Sulfur plant
Sulfur storage
Sulfur transport
Sulfur trade
Sulfur industry
Sulfur economy
Sulfur history
Sulfur culture
Sulfur art
Sulfur literature
Sulfur music
Sulfur film
Sulfur television
Sulfur radio
Sulfur internet
Sulfur social media
Sulfur mobile app
Sulfur video game
Sulfur board game
Sulfur card game
Sulfur sport
Sulfur team
Sulfur player
Sulfur coach
Sulfur referee
Sulfur umpire
Sulfur stadium
Sulfur arena
Sulfur field
Sulfur court
Sulfur track
Sulfur pool
Sulfur gym
Sulfur fitness center
Sulfur yoga studio
Sulfur dance studio
Sulfur martial arts dojo
Sulfur boxing gym
Sulfur wrestling mat
Sulfur weight room
Sulfur locker room
Sulfur shower
Sulfur sauna
Sulfur steam room
Sulfur massage
Sulfur physical therapy
Sulfur chiropractic
Sulfur acupuncture
Sulfur herbal medicine
Sulfur homeopathy
Sulfur naturopathy
Sulfur osteopathy
Sulfur podiatry
Sulfur optometry
Sulfur dentistry
Sulfur orthodontics
Sulfur periodontics
Sulfur endodontics
Sulfur prosthodontics
Sulfur oral surgery
Sulfur maxillofacial surgery
Sulfur pediatric dentistry
Sulfur geriatric dentistry
Sulfur forensic dentistry
Sulfur veterinary dentistry
Sulfur equine dentistry
Sulfur canine dentistry
Sulfur feline dentistry
Sulfur avian dentistry
Sulfur reptile dentistry
Sulfur amphibian dentistry
Sulfur fish dentistry
Sulfur invertebrate dentistry
Sulfur insect dentistry
Sulfur arachnid dentistry
Sulfur crustacean dentistry
Sulfur mollusk dentistry
Sulfur echinoderm dentistry
Sulfur cnidarian dentistry
Sulfur porifera dentistry
Sulfur protozoan dentistry
Sulfur bacteria dentistry
Sulfur virus dentistry
Sulfur prion dentistry
Sulfur viroid dentistry
Sulfur satellite dentistry
Sulfur plasmid dentistry
Sulfur transposon dentistry
Sulfur retrotransposon dentistry
Sulfur integron dentistry
Sulfur gene cassette dentistry
Sulfur pathogenicity island dentistry
Sulfur antibiotic resistance dentistry
Sulfur virulence factor dentistry
Sulfur quorum sensing dentistry
Sulfur biofilm dentistry
Sulfur horizontal gene transfer dentistry
Sulfur conjugation dentistry
Sulfur transformation dentistry
Sulfur transduction dentistry
Sulfur vertical gene transfer dentistry
Sulfur binary fission dentistry
Sulfur budding dentistry
Sulfur fragmentation dentistry
Sulfur spore formation dentistry
Sulfur sporulation dentistry
Sulfur germination dentistry
Sulfur dormancy dentistry
Sulfur quiescence dentistry
Sulfur cryptobiosis dentistry
Sulfur anhydrobiosis dentistry
Sulfur desiccation dentistry
Sulfur osmotic stress dentistry
Sulfur salt stress dentistry
Sulfur heat stress dentistry
Sulfur cold stress dentistry
Sulfur radiation stress dentistry
Sulfur oxidative stress dentistry
Sulfur nitrosative stress dentistry
Sulfur carbonyl stress dentistry
Sulfur reductive stress dentistry
Sulfur metabolic stress dentistry
Sulfur nutrient stress dentistry
Sulfur starvation stress dentistry
Sulfur overgrowth stress dentistry
Sulfur competition stress dentistry
Sulfur predation stress dentistry
Sulfur parasitism stress dentistry
Sulfur symbiosis stress dentistry
Sulfur mutualism stress dentistry
Sulfur commensalism stress dentistry
Sulfur amensalism stress dentistry
Sulfur neutralism stress dentistry
Sulfur synergism stress dentistry
Sulfur antagonism stress dentistry
Sulfur allelopathy stress dentistry
Sulfur quorum quenching stress dentistry
Sulfur biofilm dispersal stress dentistry
Sulfur biofilm formation stress dentistry
Sulfur biofilm maturation stress dentistry
Sulfur biofilm architecture stress dentistry
Sulfur biofilm matrix stress dentistry
Sulfur extracellular polymeric substance stress dentistry
Sulfur exopolysaccharide stress dentistry
Sulfur extracellular DNA stress dentistry
Sulfur extracellular protein stress dentistry
Sulfur extracellular lipid stress dentistry
Sulfur extracellular RNA stress dentistry
Sulfur extracellular enzyme stress dentistry
Sulfur extracellular vesicle stress dentistry
Sulfur outer membrane vesicle stress dentistry
Sulfur gram-positive cell wall stress dentistry
Sulfur gram-negative cell wall stress dentistry
Sulfur archaeal cell wall stress dentistry
Sulfur S-layer stress dentistry
Sulfur capsule stress dentistry
Sulfur slime layer stress dentistry
Sulfur glycocalyx stress dentistry
Sulfur peptidoglycan stress dentistry
Sulfur teichoic acid stress dentistry
Sulfur lipoteichoic acid stress dentistry
Sulfur wall teichoic acid stress dentistry
Sulfur mycolic acid stress dentistry
Sulfur arabinogalactan stress dentistry
Sulfur lipopolysaccharide stress dentistry
Sulfur lipid A stress dentistry
Sulfur core oligosaccharide stress dentistry
Sulfur O-antigen stress dentistry
Sulfur outer membrane protein stress dentistry
Sulfur porin stress dentistry
Sulfur periplasmic space stress dentistry
Sulfur inner membrane stress dentistry
Sulfur cytoplasmic membrane stress dentistry
Sulfur cytoplasm stress dentistry
Sulfur nucleoid stress dentistry
Sulfur ribosome stress dentistry
Sulfur plasmid stress dentistry
Sulfur inclusion body stress dentistry
Sulfur gas vesicle stress dentistry
Sulfur magnetosome stress dentistry
Sulfur carboxysome stress dentistry
Sulfur polyhydroxybutyrate stress dentistry
Sulfur glycogen stress dentistry
Sulfur starch stress dentistry
Sulfur cellulose stress dentistry
Sulfur chitin stress dentistry
Sulfur lignin stress dentistry
Sulfur pectin stress dentistry
Sulfur hemicellulose stress dentistry
Sulfur xylan stress dentistry
Sulfur mannan stress dentistry
Sulfur glucan stress dentistry
Sulfur fructan stress dentistry
Sulfur galactan stress dentistry
Sulfur arabinan stress dentistry
Sulfur rhamnan stress dentistry
Sulfur fucan stress dentistry
Sulfur xylose stress dentistry
Sulfur mannose stress dentistry
Sulfur glucose stress dentistry
Sulfur fructose stress dentistry
Sulfur galactose stress dentistry
Sulfur arabinose stress dentistry
Sulfur rhamnose stress dentistry
Sulfur fucose stress dentistry
Sulfur ribose stress dentistry
Sulfur deoxyribose stress dentistry
Sulfur glucuronic acid stress dentistry
Sulfur galacturonic acid stress dentistry
Sulfur mannuronic acid stress dentistry
Sulfur iduronic acid stress dentistry
Sulfur sialic acid stress dentistry
Sulfur neuraminic acid stress dentistry
Sulfur muramic acid stress dentistry
Sulfur N-acetylglucosamine stress dentistry
Sulfur N-acetylgalactosamine stress dentistry
Sulfur N-acetylmuramic acid stress dentistry
Sulfur N-acetylneuraminic acid stress dentistry
Sulfur N-glycolylneuraminic acid stress dentistry
Sulfur 2-keto-3-deoxyoctonate stress dentistry
Sulfur 3-deoxy-D-manno-oct-2-ulosonic acid stress dentistry
Sulfur 3-deoxy-D-glycero-D-galacto-2-nonulosonic acid stress dentistry
Sulfur 3-deoxy-D-manno-2-octulosonic acid stress dentistry
Sulfur 3-deoxy-D-glycero-D-galacto-2-octulosonic acid stress dentistry
Sulfur 3-deoxy-D-manno-2-non