



Tutuila Island Rugosity
 5 m grid cell size
 NOAA Coral Reef Ecosystem Division
 Pacific Islands Benthic Habitat
 Mapping Center
NOT FOR NAVIGATION

Universal Transverse Mercator Projection
 Zone 2S, Ellipsoid: WGS84

Km

0 3 6 9 12

Rugosity is derived from multibeam bathymetry, collected aboard NOAA Ship Hialaka'i and R/V AHI, using the Benthic Terrain Modeler with rugosity methods by Jeff Jenness (2003). Cell values for rugosity reflect the surface area and (surface area) / (planimetric area) ratio for the area contained within that cell's boundaries. They provide indices of topographic roughness & convolutedness.

