



Overview of Digital Geologic Data for Buck Island Reef NM

NPS Boundary
 NPS Boundary

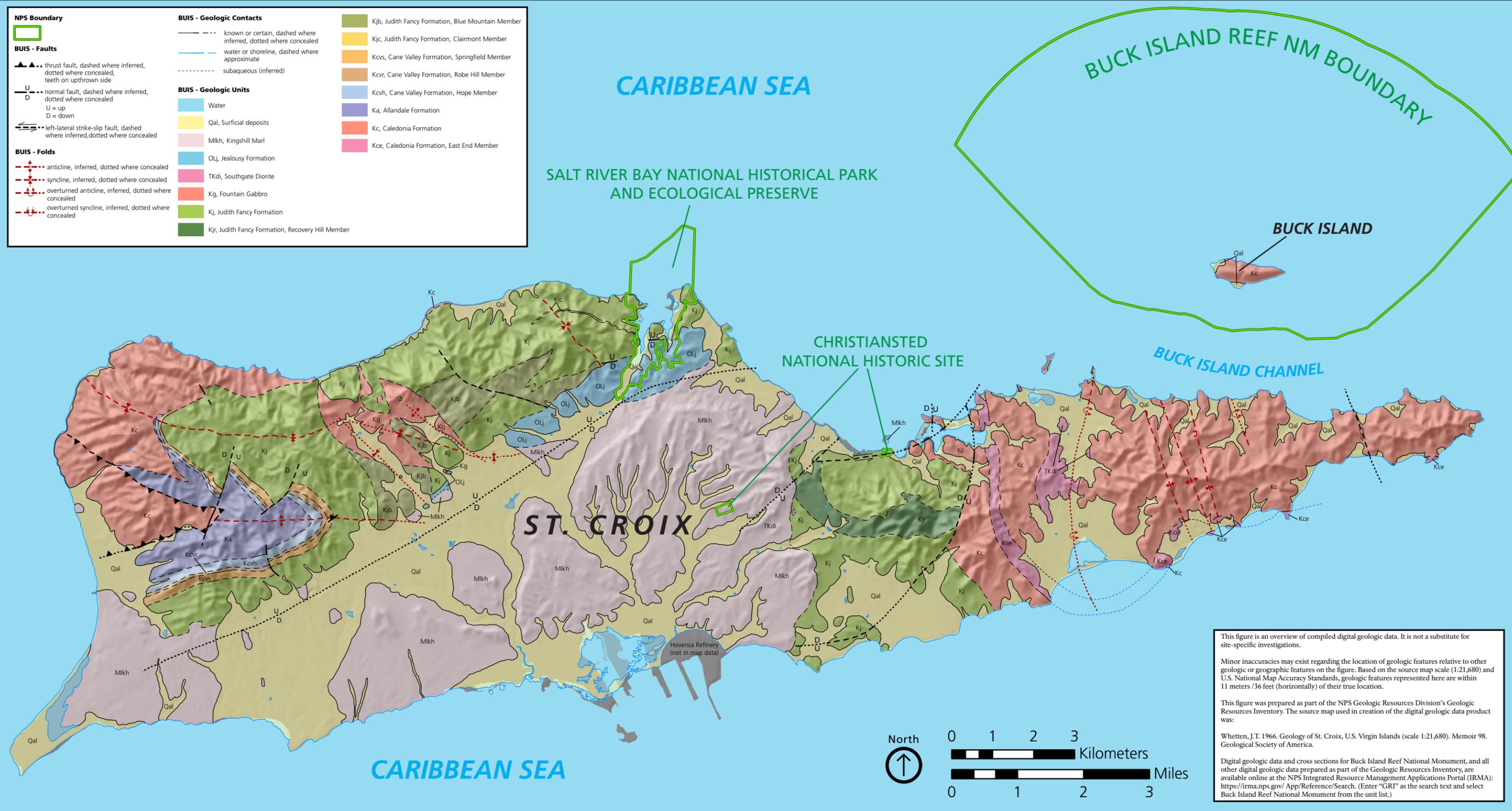
BUIS - Faults
 thrust fault, dashed where inferred, dotted where concealed, teeth on upthrown side
 normal fault, dashed where inferred, dotted where concealed
 U = up
 D = down
 left-lateral strike-slip fault, dashed where inferred, dotted where concealed

BUIS - Geologic Contacts
 known or certain, dashed where inferred, dotted where concealed
 water or shoreline, dashed where approximate
 subaqueous (inferred)

BUIS - Geologic Units
 Water
 Qal, Surficial deposits
 Mikh, Kingshill Marl
 Olj, Jealousy Formation
 TKdi, Southgate Diorite
 Kg, Fountain Gabbro
 Kj, Judith Fancy Formation
 Kjr, Judith Fancy Formation, Recovery Hill Member

BUIS - Folds
 anticline, inferred, dotted where concealed
 syncline, inferred, dotted where concealed
 overturned anticline, inferred, dotted where concealed
 overturned syncline, inferred, dotted where concealed

Geologic Units Legend:
 Kjb, Judith Fancy Formation, Blue Mountain Member
 Kjc, Judith Fancy Formation, Clairmont Member
 Kcvs, Cane Valley Formation, Springfield Member
 Kcvr, Cane Valley Formation, Robe Hill Member
 Kcvh, Cane Valley Formation, Hope Member
 Ka, Allandale Formation
 Kc, Caledonia Formation
 Kce, Caledonia Formation, East End Member



This figure is an overview of compiled digital geologic data. It is not a substitute for site-specific investigations.

Minor inaccuracies may exist regarding the location of geologic features relative to other geologic or geographic features on the figure. Based on the source map scale (1:21,680) and U.S. National Map Accuracy Standards, geologic features represented here are within 11 meters / 36 feet (horizontally) of their true location.

This figure was prepared as part of the NPS Geologic Resources Division's Geologic Resources Inventory. The source map used in creation of the digital geologic data product was:

Whetten, J.T. 1966. Geology of St. Croix, U.S. Virgin Islands (scale 1:21,680). Memoir 98. Geological Society of America.

Digital geologic data and cross sections for Buck Island Reef National Monument, and all other digital geologic data prepared as part of the Geologic Resources Inventory, are available online at the NPS Integrated Resource Management Applications Portal (IRMA): <https://irma.nps.gov/App/Reference/Search>. (Enter "GRI" as the search text and select Buck Island Reef National Monument from the unit list.)