

CROZIER DRIVE AREA DESCRIPTION

This map shows a central portion of Mokulēʻia Beach (transects 412 - 548), including much of the residential area along Crozier Drive. This shoreline is a portion of a continuous 7-mile-long beach on Oʻahu's north shore. The shoreline is composed of carbonate sand and limestone, and the area is exposed to north and west swells in winter months and persistent easterly tradewind waves year-round.

Since 1924 the beach has experienced low rates of erosion at an average -0.2 ft/yr. The highest erosion rates (-0.8 ft/yr) are found at the east end of the study area, along Puuiki Beach Park (transects 532 - 548).

Previous studies (Hwang, 1981; Sea Engineering, 1988) found little change or net accretion to the vegetation line along this section of Mokulēʻia Beach from 1949 - 1988.

For more information see: <http://www.soest.hawaii.edu/asp/coasts/oahu/index.asp>

¹ Hwang, D. (1981) "Beach changes on Oʻahu as revealed by aerial photographs", State of Hawaii, Department of Planning and Economic Development.

² Sea Engineering, Inc. (1988) "Oʻahu shoreline study", City and County of Honolulu, Department of Land Utilization.

Keywords:

Oʻahu; Crozier Drive; Mokulēʻia Beach; Puuiki Beach Park