Piko Assessments Fri Mar 29 03:56:19 HST 2024

Name	Groundwater Availability in Guam
Lead Agencies	USGS Pacific Islands Water Science Center
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Partnering Agencies	U.S. Marine Corps
Types	- Needs And Capabilities - Needs - Capacity
Area of Applicability	- Regional/Local or Problem-focused
Focus Area	- Fresh Water Resources and Drought
Regions	- Western North Pacific - Guam
Status	- Ongoing
Description	The goals of this study are to (1) advance the understanding of regional groundwater dynamics in the Northern Guam Lens Aquifer, (2) provide a new estimate of groundwater recharge for the entire island, and (3) develop a numerical groundwater flow and transport model for northern Guam that will serve as a tool to assist water-resource managers in estimating the effects of selected groundwater-pumping and climate scenarios on the water supply. Although the main area of interest is the Northern Guam Lens Aquifer, the study will also provide a new water-budget estimate of recharge for southern Guam.
Url	http://hi.water.usgs.gov/studies/guam/