



Piko Assessments Tue Sep 25 18:53:14 HST 2018

<b>Name</b>	Groundwater Availability in Guam
<b>Lead Agencies</b>	USGS Pacific Islands Water Science Center
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<b>Partnering Agencies</b>	U.S. Marine Corps
<b>Types</b>	<ul style="list-style-type: none"> <li>- Needs And Capabilities</li> <li>- Needs</li> <li>- Capacity</li> </ul>
<b>Area of Applicability</b>	- Regional/Local or Problem-focused
<b>Focus Area</b>	- Fresh Water Resources and Drought
<b>Regions</b>	<ul style="list-style-type: none"> <li>- Western North Pacific</li> <li>- Guam</li> </ul>
<b>Status</b>	- Ongoing
<b>Description</b>	<p>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.</p>
<b>Url</b>	<a href="http://hi.water.usgs.gov/studies/guam/">http://hi.water.usgs.gov/studies/guam/</a>