

Hydrologic Monitoring



This diagram depicts the tasks in the hydrologic monitoring location visit workflow pertaining to a subset of parameters (e.g. rainfall, groundwater level) and their associated equipment. The goal of this effort is to support the design of new software tools to facilitate the field data collection process.

The workflows described here focus on 1) collecting and verifying data for what Aquarius is the system of record and 2) reconciling system data and maintenance activities for the equipment used to collect that data. At present, ARIZON Survey123 is the target application to be used for data collection. An enterprise geodatabase will serve as the system of record for asset management data, and a staging area for Aquarius contact data. Therefore, the workflow design includes some elements specific to those platforms.

The modeling effort is ongoing. Please contact the NWIRMS-IG team with comments or corrections.