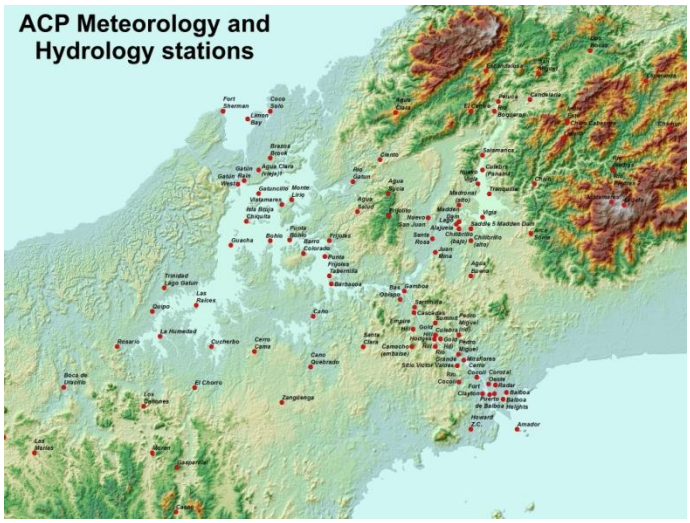
Panama Canal Authority (ACP) Panama Canal Watershed data



The Panama Canal Authority (Autoridad del Canal de Panamá - ACP), through its Meteorological and Hydrological Branch, has generously provided STRI with much of its meteorological and hydrological data. Their website is: www.pancanal.com

The ACP currently manages 60 fully automated meteorological and hydrological stations throughout the Panama Canal Watershed.

The stations are of three main types. The majority of stations are composed of automated rain gauges. These stations report, via radio connections, total precipitation on 15-min intervals. Currently, there are also eleven complete meteorological stations which measure precipitation, wind speed and direction, temperature, humidity and solar radiation. Finally, there are lake and river gauge stations measuring water levels of Lakes Gatun and Alajuela and their major tributaries.

These data are provided by STRI via a collaborative agreement with the Panama Canal Authority. STRI makes no claim about the accuracy or completeness of the data – they are provided on an 'as is' basis and STRI accepts no responsibility for errors and/or inaccuracies.

Any use or publication of these data should cite the Meteorological and Hydrological Branch of The Panama Canal Authority

Available Data

Precipitation

15-minute intervals until 2010 and then 5-minute intervals thereafter.

Complete Meteorological Stations

Hourly until 2014, 10 or 15-minute intervals thereafter (changes year-by-year)
All stations have the following variables: air temperature, relative humidity, dew point, winds speed and direction, air pressure.
Corazal, Humedad and Tranquilla have incoming shortwave and longwave outgoing radiation. Other stations have incoming radiation only.