

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. Easily the greatest number of stations are composed of automated rain gauges. These reports, 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

A real-time radar image of the Panama Canal Area is available on the ACP’s website here: <http://www.pancanal.com/eng/eie/radar/movie.html>

Available Data

Precipitation

- 15-minute interval
- Daily Totals

Complete Stations (temperature, dew point, relative humidity, wind speed and direction, air pressure, solar radiation)

- 15-minute interval
- Daily Totals/Averages