

Panama Canal Authority (ACP)

Panama Canal Watershed Complete Meteorological Stations

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

In addition to the approximately 60 rain gauge stations located throughout the Panama Canal, ACP also operates several complete meteorological stations. The list of active stations has changed considerably through time. The list of all stations, past and present, is given in Table 1.

Most stations provide the following parameters: air temperature, wind speed and direction, dew point, relative humidity, air pressure, solar radiation. Some stations, for some years (depending on what parameters the ACP made available that year) include interval max/min values, in addition to the interval average values. A list of all parameters is given in Table 2.

File names are constructed using the format *station name_parameter*. The first column of Table 2 lists the parameters and their definitions.

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 *The Panama Canal Authority*

Table 1. List of all complete stations (inactive and current)

Agua Salud	Albrook (FAA)	Corozal
Dos Bocas	Flamenco	Gamboa
Gasparillal	Gatun West	Humedad
Jagua	Limon Bay	Tranquilla
Vistamares		

Table 2. List of all parameters

File Suffix	Description	Units
_ws	Average interval wind speed	Km/hr
_wsmx	Maximum wind speed in interval	Km/hr
_wsmn	Minimum wind speed in interval	Km/hr
_wd	Average interval wind direction	Degrees
_at	Average interval Air temperature	Celsius
_atmx	Maximum Temperature in interval	Celsius
_atmn	Minimum Temperature in interval	Celsius
_dp	Average interval Dew point	Celsius
_dpmx	Maximum Dew point in interval	Celsius
_dpmn	Minimum Dew point in interval	Celsius
_rh	Average interval Relative Humidity	%
_rhmx	Maximum Relative Humidity Temperature in interval	%
_rhmn	Minimum Relative Humidity Temperature in interval	%
_bphg	Average interval Air Pressure	mmHg
_bphgmx	Maximum Air Pressure in interval	mmHg
_bphgmn	Minimum Air Pressure in interval	mmHg
_sr	Total Solar Radiation during interval	MJ/m ²