

INFOHYDRO

Peru

Hydrological observation in the country are largely undertaken by **SERVICIO NACIONAL DE METEOROLOGIA E HIDROLOGIA**

The following information pertaining to:

SERVICIO NACIONAL DE METEOROLOGIA E HIDROLOGIA

Preliminary information

Pluviographs - Continuous Precipitation Recording

Daily Precipitation

Evaporation

Stage non-recording

Stage recording

Discharge non-recording

Discharge recording

Groundwater

Sediment

Water quality



Percentage of coverage represented by these data:

N/A

Last update:

13/07/2007

Preliminary information

Main unit of institution name (*Base name of an institution, usually the name of the governing body*)

Subordinate unit of institution name (*Part of a name of an institution that defines a subdivision or department or unit of the institution*)

Abbreviated name

Full mailing address (*of the Institution*)

Full location address (*of the Institution*). Indicate only if not the same then mailing address

Telephone number (*Central operator*)

Telefacsimile number (*Central operator*)

Electronic mail identifier (*E-mail address*)

Host system network address (*Web site address*)

Peru

SERVICIO NACIONAL DE METEOROLOGIA E HIDROLOGIA

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Preliminary information		Peru
Protocol options (<i>Code, word or phrase that specifies capabilities that are supported by a service provider ; "yes" -If activity undertaken - "no" otherwise</i>)	General Hydrology	yes
	Hydropower	no
	Agriculture	no
	Water supply	no
	Flood control	yes
	Pollution control	no
	Navigation	yes
	Others (<i>please specify</i>)	-
Coverage	National (<i>if not leave blank</i>)	yes
	Other (Regional, State, Province...)	-
Types of stations operated	Hydrometric	yes
	Groundwater	no
	Climate	yes
	Snow	no
	Lake levels	yes
	Glaciers	no
	Estuaries	no
	Ice thickness	no
	Soil Moisture	yes
	Sediment	yes
	Water quality	yes
Bio diversity	no	
Geographical Descriptors	Area of country or region (State) (<i>km²</i>)	1285220
	Mean Annual Precipitation (<i>mm</i>)	1738
	Standard Deviation of Annual Precipitation (<i>mm</i>)	-
	General climate (<i>Tropical,sub-tropical, Arid, semi-arid, temperate etc...</i>)	ÁRIDO, SEMIÁRIDO, TROPICAL Y SUBTROPICAL

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Pluviographs - Continuous Precipitation Recording		Peru
Number of sites at which recordings are taken (<i>Number of sites currently operating</i>)		90
Level of responsibility for national coverage (<i>Yes if "National" or specify "Other" but not both</i>)	National (<i>if not leave blank</i>)	yes
	Other (<i>Regional, State, Province...</i>)	-
Tabular information on the number of stations operated for different time periods (<i>Number of sites currently operating</i>)	Less than 5 years	-
	5 years to 10 years	-
	11 years to 30 years	15
	Greater than 30 years	75
Method of transmission of data from sites and number of sites using this method of transmission (<i>Number of sites currently operating</i>)	Telephone	-
	Radio	90
	Satellite	-
	Others (<i>Please specify and give number operating</i>)	-
Method used to estimate precipitation (<i>Number of sites currently operating</i>)	Tipping Bucket	-
	Siphon	90
	Others (<i>Please specify and give number operating</i>)	-
Number of radar stations located in the country (<i>Number of sites</i>)		-
Date that this information was last updated (<i>month and year</i>)		-
Are the data: Available in an electronic medium (<i>yes or no</i>)		yes
Stored in a database (<i>yes or no</i>)		yes

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Daily Precipitation		Peru
Number of sites at which recordings are taken (<i>Number of sites currently operating</i>)		492
Level of responsibility for national coverage (<i>Yes if "National" or specify "Other" but not both</i>)	National (<i>if not leave blank</i>)	yes
	Other (<i>Regional, State, Province...</i>)	-
Tabular information on the number of stations operated for different time periods (<i>Number of sites currently operating</i>)	Less than 5 years	-
	5 years to 10 years	92
	11 years to 30 years	100
	Greater than 30 years	300
Method of transmission of data from sites and number of sites using this method of transmission (<i>Number of sites currently operating</i>)	Telephone	-
	Radio	142
	Satellite	-
	Post/Collected	350
	Others (<i>Please specify and give number operating</i>)	-
Date that this information was last updated (<i>month and year</i>)		-
Are the data: Available in an electronic medium (<i>yes or no</i>)		yes
Stored in a database (<i>yes or no</i>)		yes

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Evaporation		Peru
Recording frequency (<i>Instantaneous, seconds, minutes, hours, days, etc.</i>)		horas
Number of sites at which recordings are taken (<i>Number of sites currently operating</i>)		374
Level of responsibility for national coverage (<i>Yes if "National" or specify "Other" but not both</i>)	National (<i>if not leave blank</i>)	yes
	Other (<i>Regional, State, Province...</i>)	-
Tabular information on the number of stations operated for different time periods (<i>Number of sites currently operating</i>)	Less than 5 years	-
	5 years to 10 years	99
	11 years to 30 years	125
	Greater than 30 years	150
Method of transmission of data from sites and number of sites using this method of transmission (<i>Number of sites currently operating</i>)	Telephone	-
	Radio	94
	Satellite	-
	Post/Collected	280
	Others (<i>Please specify and give number operating</i>)	-
Method used to estimate evaporation (<i>Yes -If activity undertaken- No, otherwise</i>)	Direct measurement	yes
	Indirect calculation	yes
Date that this information was last updated (<i>month and year</i>)		-
Are the data: Available in an electronic medium (<i>yes or no</i>)		yes
Stored in a database (<i>yes or no</i>)		yes

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Stage non-recording		Peru
Recording frequency (<i>Instantaneous, seconds, minutes, hours, days, etc.</i>)		horas
Number of sites at which measurements are taken (<i>Number of sites currently operating</i>)		139
Level of responsibility for national coverage (<i>Yes if "National" or specify "Other" but not both</i>)	National (<i>if not leave blank</i>)	yes
	Other (<i>Regional, State, Province...</i>)	-
Tabular information on the number of stations operated for different time periods (<i>Number of sites currently operating</i>)	Less than 5 years	-
	5 years to 10 years	10
	11 years to 30 years	35
	Greater than 30 years	94
Method of transmission of data from sites and number of sites using this method of transmission (<i>Number of sites currently operating</i>)	Telephone	20
	Post/Collected	119
	Others (<i>Please specify and give number operating</i>)	-
Method used to estimate stage (<i>Yes -If activity undertaken. -No- otherwise</i>)	Gauge-board	yes
	Others (<i>Please specify</i>)	-
Date that this information was last updated (<i>month and year</i>)		-
Are the data: Available in an electronic medium (<i>yes or no</i>)		yes
Stored in a database (<i>yes or no</i>)		yes

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Stage recording		Peru
Recording frequency (<i>Instantaneous, seconds, minutes, hours, days, etc.</i>)		hora
Number of sites at which recordings are taken (<i>Number of sites currently operating</i>)		17
Level of responsibility for national coverage (<i>Yes if "National" or specify "Other" but not both</i>)	National (<i>if not leave blank</i>)	yes
	Other (<i>Specify if Regional, State, Province...</i>)	-
Tabular information on the number of stations operated for different time periods (<i>Number of sites currently operating</i>)	Less than 5 years	-
	5 years to 10 years	17
	11 years to 30 years	-
	Greater than 30 years	-
Method of transmission of data from sites and number of sites using this method of transmission (<i>Number of sites currently operating</i>)	Telephone	-
	Radio	-
	Satellite	17
	Post/Collected	-
	Others (<i>Please specify and give number operating</i>)	-
Method used to estimate stage (<i>Yes -If activity undertaken. -No- otherwise</i>)	Gauge-board	yes
	Float Well	-
	Gas-pressure	-
	Others (<i>Please specify</i>)	acustico
Date that this information was last updated (<i>month and year</i>)		-
Are the data: Available in an electronic medium (<i>yes or no</i>)		yes
Stored in a database (<i>yes or no</i>)		yes

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Discharge non-recording		Peru
Recording frequency (<i>Instantaneous, seconds, minutes, hours, days, etc.</i>)		hora
Number of sites at which measurements are taken (<i>Number of sites currently operating</i>)		120
Level of responsibility for national coverage (<i>Yes if "National" or specify "Other" but not both</i>)	National (<i>if not leave blank</i>)	yes
	Other (<i>Regional, State, Province...</i>)	-
Tabular information on the number of stations operated for different time periods (<i>Number of sites currently operating</i>)	Less than 5 years	-
	5 years to 10 years	-
	11 years to 30 years	50
	Greater than 30 years	70
Method of transmission of data from sites and number of sites using this method of transmission (<i>Number of sites currently operating</i>)	Telephone	15
	Post/Collected	105
	Others (<i>Please specify and give number operating</i>)	-
Method used to determine stage (<i>Yes -If activity undertaken- No, otherwise</i>)	Direct measurement (<i>Gauge Boards</i>)	yes
	Indirect calculation	-
Method used to estimate discharge (<i>Yes -If activity undertaken. -No- otherwise</i>)	Rating Curve	yes
	Others (<i>Please specify</i>)	Hidráulico
Date that this information was last updated (<i>month and year</i>)		-
Are the data: Available in an electronic medium (<i>yes or no</i>)		yes
Stored in a database (<i>yes or no</i>)		yes

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Discharge recording		Peru
Recording frequency (<i>Instantaneous, seconds, minutes, hours, days, etc.</i>)		NO SE REALIZA
Number of sites at which recordings are taken (<i>Number of sites currently operating</i>)		NO SE REALIZA
Level of responsibility for national coverage (<i>Yes if "National" or specify "Other" but not both</i>)	National (<i>if not leave blank</i>)	-
	Other (<i>Regional, State, Province...</i>)	-
Tabular information on the number of stations operated for different time periods (<i>Number of sites currently operating</i>)	Less than 5 years	-
	5 years to 10 years	-
	11 years to 30 years	-
	Greater than 30 years	-
Method of transmission of data from sites and number of sites using this method of transmission (<i>Number of sites currently operating</i>)	Telephone	-
	Radio	-
	Satellite	-
	Post/Collected	-
	Others (<i>Please specify and give number operating</i>)	-
Method used to determine stage (<i>Yes -If activity undertaken- No, otherwise</i>)	Gauge-board	-
	Float Well	-
	Gas-pressure	-
	Others (<i>Please specify</i>)	-
Method used to estimate discharge (<i>Yes -If activity undertaken- No,</i>	Rating Curve	-
	Others (<i>Please specify</i>)	-
Date that this information was last updated (<i>month and year</i>)		-
Are the data: Available in an electronic medium (<i>yes or no</i>)		-
Stored in a database (<i>yes or no</i>)		-

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Groundwater		Peru
Recording frequency	Non-continuous	-
	Continuous	-
Number of sites at which recordings are taken (<i>Number of sites currently operating</i>)		-
Level of responsibility for national coverage (<i>Yes if "National" or specify "Other" but not both</i>)	National (<i>if not leave blank</i>)	no
	Other (<i>Regional, State, Province...</i>)	-
Tabular information on the number of stations operated for different time periods (<i>Number of sites currently operating</i>)	Less than 5 years	-
	5 years to 10 years	-
	11 years to 30 years	-
	Greater than 30 years	-
Date that this information was last updated (<i>month and year</i>)		-
Are the data: Available in an electronic medium (<i>yes or no</i>)		-
Stored in a database (<i>yes or no</i>)		-
Are water quality data taken (<i>yes or no</i>)		-

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Sediment		Peru
Recording frequency (<i>Instantaneous, seconds, minutes, hours, days, etc.</i>)		-
Number of sites at which recordings are taken (<i>Number of sites currently operating</i>)		-
Level of responsibility for national coverage (<i>Yes if "National" or specify "Other" but not both</i>)	National (<i>if not leave blank</i>)	no
	Other (<i>Regional, State, Province...</i>)	-
Tabular information on the number of stations operated for different time periods (<i>Number of sites currently operating</i>)	Less than 5 years	-
	5 years to 10 years	-
	11 years to 30 years	-
	Greater than 30 years	-
Date that this information was last updated (<i>month and year</i>)		-
Are the data: Available in an electronic medium (<i>yes or no</i>)		-
Stored in a database (<i>yes or no</i>)		-

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Water quality		Peru
Data routinely measured (Yes -if activity undertaken. -No- otherwise)	Water Temperature	yes
	Air Temperature	-
	pH	yes
	Specific Conductivity	-
	Dissolved Oxygen	yes
	Turbidity	-
	Major ions	-
	Metals	yes
	Organics	-
	Pesticides	-
	Herbicides	-
	Mercury	-
	Phenols	-
	Nutrients	-
BOD & COD	-	
POPs	-	
Others (Please specify)	-	
Number of sites at which recordings are taken (Number of sites currently operating)		12
Level of responsibility for national coverage (Yes if "National" or specify "Other" but not both)	National (if not leave blank)	-
	Other (Regional, State, Province...)	local
Tabular information on the number of stations operated for different time periods (Number of sites currently operating)	Less than 5 years	10
	5 years to 10 years	-
	11 years to 30 years	-
	Greater than 30 years	-
Date that this information was last updated (month and year)		07-2007
Are the data: Available in an electronic medium (yes or no)		yes
Stored in a database (yes or no)		yes