

" AÑO DE LOS CENSOS NACIONALES "

S E N A M H I

DIRECCION DE AGROMETEOROLOGIA

DIVISION DE CLIMATOLOGIA APLICADA



ESTUDIOS AGROCLIMATICOS POR CUENCAS

CUENCA DEL RIO SANTA

1972

LIMA - PERU

SERVICIO NACIONAL DE METEOROLOGIA E HIDROLOGIA

- S E N A M H I

DIRECCION DE AGROMETEOROLOGIA

ANEXO CLIMATICO

DE LA CUENCA DEL RIO SANTA

EL PRESENTE TRABAJO HA SIDO PREPARADO POR LA  
DIVISION DE CLIMATOLOGIA APLICADA

REFERENCIAS :

Precipitación	x : Sin datos
	- : No hubo precipitación
Insolación	: Horas y décimos
Temperatura Media	: $\frac{\text{Máxima} + \text{Mínima}}{2}$

SIMBOLOS :

●	C. P.	Climatológica Principal
●	C. O.	Climatológica Ordinaria
○	S.	Sinoptica
▲	Plu.	Pluviométrica



SERVICIO NACIONAL DE METEOROLOGIA E HIDROLOGIA  
 DIRECCION DE AGROMETEOROLOGIA

CUENCA DEL RIO SANTA

FECHA: Lima, Mayo de 1972

ESCALA: 1:1'000,000

DIBUJO: G.E.G.

RELACION DE ESTACIONES METEOROLOGICAS

ESTACION	CATEGORIA	DISTRITO	PROVINCIA	DEPARTAMENTO	LATITUD	LONGITUD	ALTITUD
Cachicadán	PLU	Cachicadán	Santiago de Chuco	La Libertad	08° 06'	78° 09'	2,892
Caráz	CO	Caráz	Huaylas	Ancash	09° 03'	77° 49'	2,288
Conchucos	CO	Conchucos	Pallasca	Ancash	08° 17'	77° 51'	3,180
Conococha	S	Marca	Huaráz	Ancash	10° 06'	77° 20'	4,000
Corongo	CO	Corongo	Corongo	Ancash	08° 34'	77° 55'	3,192
Hidro	PLU	Huallanca	Huaylas	Ancash	08° 51'	77° 52'	1,386
Huaráz	C.P.	Huaráz	Huaráz	Ancash	09° 33'	77° 31'	3,207
Lampas Alto	S	Chiquian	Bolognesi	Ancash	10° 05'	77° 17'	4,030
Lampas Bajo	S	Chiquian	Bolognesi	Ancash	10° 04'	77° 22'	3,950
Los Cedros	PLU	Huaylas	Huaylas	Ancash	08° 54'	77° 46'	1,800
Llanganuco	PLU	Yungay	Yungay	Ancash	09° 05'	77° 41'	3,500
Mollepata	PLU	Mollepata	Santiago de Chuco	La Libertad	08° 12'	77° 58'	2,758
Parón	PLU	Caraz	Huaylas	Ancash	09° 00'	77° 42'	4,185
Punta Mojón	PLU	Chiquian	Bolognesi	Ancash	10° 04'	77° 14'	4,450
Recuay	CO	Recuay	Recuay	Ancash	09° 43'	77° 28'	3,500
Rinconada	CO	Santa	Santa	Ancash	08° 50'	78° 34'	150
Santa	CO	Santa	Santa	Ancash	08° 59'	78° 37'	50
Santiago de Chuco	CO	Stgo. de Chuco	Santiago de Chuco	La Libertad	08° 10'	78° 11'	3,115
Ticapampa	PLU	Ticapampa	Recuay	Ancash	09° 45'	77° 29'	3,560
Tocanca	PLU	Huaylas	Huaylas	Ancash	08° 52'	78° 01'	4,600
Yanacocha	PLU	Aquia	Bolognesi	Ancash	10° 01'	77° 13'	5,360

CACHICADAN

SENAMHI

PRECIPITACION  
( m.m.)

AÑOS	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SET	OCT	NOV	DIC	TOTAL
1963	x	x	x	x	x	x	x	x	9.0	77.0	90.7	117.2	-
1964	102.6	167.8	260.7	127.5	32.8	1.7	13.6	30.8	13.7	117.8	96.5	56.2	1021.7
1965	71.6	135.1	246.1	91.5	18.4	10.2	12.9	16.9	89.7	98.6	55.3	117.2	963.5
1966	148.0	80.9	67.9	68.5	46.3	7.9	20.1	7.8	37.0	162.8	51.8	32.8	731.8
1967	205.5	215.2	230.8	38.6	49.2	2.9	35.3	4.8	8.8	161.1	12.7	76.0	1040.9
1968	87.7	59.9	123.5	54.6	21.4	1.6	3.5	38.5	57.4	48.2	58.2	59.0	613.5
1969	38.4	111.3	207.4	119.0	8.9	11.5	12.0	15.6	2.6	86.8	106.4	148.2	868.1
1970	184.0	30.4	91.0	198.3	68.3	25.4	6.6	4.2	42.9	97.5	71.2	110.9	930.7
1971	78.2	146.8	291.5	68.2	24.2	34.5	10.0	20.7	13.8	91.1	74.8	173.4	1027.2
MEDIA	114.5	118.4	189.9	95.8	33.7	12.0	14.2	17.4	30.5	104.5	68.6	99.0	898.5

LMC/gvv.

C A R A Z

SENAMHI

P R E C I P I T A C I O N

( mm. )

AÑOS	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SET.	OCT	NOV	DIC	TOTAL
1965	16.6	18.3	58.0	-	-	-	-	-	9.4	148.7	106.9	789.2	1147.1
1966	91.7	79.9	36.7	45.5	23.4	-	-	-	-	47.3	33.3	7.4	365.2
1967	103.9	120.1	73.4	19.1	8.8	-	3.0	9.6	-	23.5	4.3	4.6	370.3
1968	29.4	17.6	33.9	7.8	-	-	-	3.9	5.0	13.4	-	13.9	124.9
1969	1.1	30.8	126.0	25.1	2.8	-	-	-	-	11.8	63.1	62.7	313.7
1970	62.3	22.7	38.8	60.2	6.9	x	x	x	2.7	27.5	21.0	39.0	-
1971	9.0	74.2	178.4	7.0	-	-	x	x	x	9.5	26.3	80.5	-
MEDIA	44.9	51.9	77.9	23.5	6.0	0.0	0.6	2.7	2.8	40.2	36.4	142.5	429.4

T E M P E R A T U R A M E D I A

( °C. )

AÑOS	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SET	OCT	NOV	DIC	AÑO
1964	x	x	18.0	17.6	16.8	15.8	15.6	15.9	16.1	16.8	17.0	16.0	-
1965	16.1	15.4	17.6	16.8	18.0	17.6	16.4	18.8	19.2	18.3	x	x	-
1966	x	x	x	x	x	x	x	16.4	17.5	17.4	16.8	16.2	-
1967	17.8	17.2	x	17.4	18.0	17.0	17.1	16.9	16.9	17.4	17.5	17.4	-
1968	17.8	17.4	17.2	16.5	15.9	15.7	16.0	16.2	17.0	18.4	18.4	18.5	17.1
1969	18.6	18.3	18.8	19.0	19.2	16.2	16.0	16.2	16.7	16.6	16.7	17.0	17.4
1970	18.0	19.1	18.1	17.7	17.1	x	x	x	17.3	16.6	16.5	16.7	-
1971	16.7	16.4	16.8	16.9	16.4	16.2	x	x	x	16.4	16.7	17.1	-
MEDIA	17.5	17.3	17.8	17.4	17.3	16.4	16.2	16.7	17.2	17.2	17.1	17.0	17.1

LMC/gvv.

C A R A Z

SENAMHI

TEMPERATURA MAXIMA MEDIA  
( °C )

AÑOS	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SET	OCT	NOV	DIC	AÑO
1964	x	25.1	23.5	24.0	25.2	24.2	24.3	23.9	24.4	24.8	25.0	25.1	-
1965	24.4	24.5	24.6	23.8	24.6	26.2	25.6	28.6	27.3	27.5	x	x	-
1966	x	x	x	x	x	x	x	25.8	26.1	24.5	23.9	23.4	-
1967	23.8	22.5	x	24.4	25.9	25.4	26.7	26.8	26.3	26.4	27.1	26.0	-
1968	24.4	23.8	22.8	25.7	25.6	25.2	25.2	25.1	25.4	25.8	25.6	25.6	25.0
1969	26.0	25.1	25.4	25.9	26.2	24.9	25.5	25.7	25.6	25.6	25.0	24.7	25.5
1970	24.3	25.0	25.4	25.4	24.9	x	x	x	25.6	25.3	25.0	25.6	-
1971	26.0	25.2	24.9	25.7	25.3	25.4	x	x	x	25.6	25.0	24.2	-
MEDIA	24.8	24.5	24.4	25.0	25.4	25.2	25.5	26.0	25.8	25.7	25.2	24.9	25.2

TEMPERATURA MINIMA MEDIA  
( °C )

AÑOS	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SET	OCT	NOV	DIC	AÑO
1964	x	x	12.6	11.3	8.4	7.5	6.9	7.9	7.8	8.9	9.1	7.0	-
1965	7.8	11.2	10.7	9.8	8.5	6.6	7.2	8.9	11.1	11.7	x	x	-
1966	x	x	x	x	x	x	x	7.0	9.0	10.4	9.8	9.1	-
1967	11.8	11.8	11.0	10.2	10.1	8.5	7.5	6.9	7.5	8.3	7.9	8.7	9.2
1968	11.4	11.0	11.7	7.6	6.3	6.2	6.7	7.4	8.6	10.9	11.3	11.4	9.2
1969	11.3	11.5	12.2	12.0	12.1	7.5	6.5	6.6	7.8	7.6	8.3	9.2	9.4
1970	11.8	13.2	10.7	10.1	9.4	x	x	x	9.0	7.9	8.1	7.9	-
1971	7.5	7.6	8.8	8.1	7.4	7.1	x	x	x	7.3	8.4	10.0	-
MEDIA	10.3	11.0	11.1	9.9	8.9	7.2	7.0	7.4	8.7	9.1	9.0	9.0	9.1

LMC/gvv.



CONCHUCOS

SENAMHI

PRECIPITACION  
( mm )

AÑOS	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SET	OCT	NOV	DIC	TOTAL
1964	51.5	58.8	102.3	54.2	31.3	0.1	5.7	10.8	12.4	78.9	37.5	48.2	491.7
1965	58.4	110.1	139.7	52.2	12.3	0.1	5.2	1.0	57.8	71.0	24.4	38.9	571.1
1966	77.6	32.8	112.0	55.7	38.9	1.5	-	1.6	5.0	66.5	90.1	79.6	561.3
1967	136.6	217.7	166.9	34.6	34.6	-	25.9	13.4	33.5	276.0	48.4	18.6	1006.2
1968	60.9	47.3	64.4	16.0	11.8	-	9.7	29.8	109.6	32.1	37.0	76.7	500.3
1969	29.1	51.7	150.7	144.8	14.9	9.7	1.2	1.7	17.5	101.7	75.6	114.7	713.3
1970	27.0	52.4	74.7	69.6	23.0	15.7	11.6	8.8	45.3	77.3	89.1	x	-
1971	59.6	55.2	254.0	141.4	15.2	28.9	45.1	-	18.8	36.3	87.2	121.4	863.1
MEDIA	62.6	78.2	133.1	71.1	22.8	7.0	13.0	8.4	37.5	93.1	61.2	72.6	660.6

TEMPERATURA MEDIA  
( °C )

AÑOS	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SET	OCT	NOV	DIC	AÑO
1966	x	x	x	x	12.7	13.0	13.4	14.4	15.0	14.0	13.8	13.5	-
1967	13.1	12.7	12.4	13.0	12.8	13.3	13.0	13.2	13.2	13.3	13.2	13.7	13.1
1968	13.6	13.9	13.9	13.2	13.3	13.5	13.1	13.0	13.3	13.4	13.0	13.1	13.4
1969	13.5	13.3	13.3	13.0	13.2	14.0	13.4	13.6	13.5	13.6	13.3	13.9	13.5
1970	13.9	13.8	13.8	13.6	13.6	13.6	13.7	13.5	13.5	12.5	12.8	12.7	13.4
1971	12.8	12.6	13.0	13.9	13.6	14.2	13.7	13.9	14.5	13.6	13.2	14.2	13.6
MEDIA	13.4	13.3	13.3	13.3	13.2	13.6	13.4	13.6	13.8	13.4	13.2	13.5	13.4

LMC/gvv.

CONCHUCOS

SENAMHI

TEMPERATURA MAXIMA MEDIA  
( °C )

AÑOS	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SET	OCT	NOV	DIC	A. N. O.
1966	x	x	x	x	17.7	17.8	17.9	20.0	20.0	19.1	18.9	18.4	-
1967	17.6	17.6	17.0	18.1	18.0	18.4	17.6	18.3	19.2	18.7	18.9	20.3	18.3
1968	20.2	20.7	20.8	20.3	20.8	21.1	21.0	20.8	20.9	20.8	20.6	20.7	20.7
1969	21.2	20.7	20.9	20.9	21.0	21.1	21.1	21.0	21.1	21.1	20.9	21.3	21.0
1970	20.8	20.9	21.4	21.4	21.0	20.7	21.0	20.9	20.9	19.7	19.8	19.9	20.7
1971	19.0	18.1	19.6	20.1	20.5	20.3	19.7	19.8	20.0	18.7	18.8	20.3	19.6
MEDIA	19.8	19.6	19.9	20.2	19.8	19.9	19.7	20.1	20.4	19.7	19.6	20.2	19.9

TEMPERATURA MINIMA MEDIA  
( °C )

AÑOS	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SET	OCT	NOV	DIC	A. N. O.
1966	x	x	x	x	7.7	8.2	8.9	8.8	10.1	8.8	8.8	8.6	-
1967	8.6	7.8	7.8	7.8	7.6	8.3	8.4	8.2	7.1	8.0	7.6	7.2	7.9
1968	7.1	7.1	7.1	6.0	5.8	5.9	5.3	5.2	5.6	6.1	5.5	5.5	6.0
1969	5.7	5.8	5.8	5.1	5.4	6.7	5.6	6.1	5.8	6.2	5.6	6.5	5.8
1970	7.0	6.6	6.2	5.9	6.3	6.5	6.5	6.2	6.3	5.5	5.9	5.6	6.7
1971	6.5	7.1	6.3	7.7	6.7	8.0	7.7	8.0	9.0	8.5	7.5	8.0	7.6
MEDIA	7.0	6.9	6.6	6.5	6.6	7.3	7.1	7.1	7.3	7.2	6.8	6.9	6.9

LMC/gvv/

CONOCOCHA

CORPORACION PERUANA DEL SANTA

PRECIPITACION  
( m.m.)

AÑOS	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SET	OCT	NOV	DIC	TOTAL
1957	-	-	-	-	-	-	-	1.6	13.9	13.9	22.1	67.1	-
1958	53.1	108.0	167.7	18.9	4.0	0.2	-	0.5	5.4	69.3	8.8	19.8	455.7
1959	47.5	157.7	157.7	85.1	10.1	0.3	-	-	1.1	61.1	20.0	105.2	645.8
1960	90.9	122.9	86.7	95.0	-	-	-	6.8	10.5	22.3	72.1	43.5	550.5
1961	139.0	136.9	154.7	48.1	32.2	1.6	-	0.3	13.0	9.6	109.1	83.1	727.6
1962	105.6	87.6	107.2	88.4	7.9	-	-	-	12.1	11.6	53.2	45.7	517.3
1963	111.0	110.6	186.6	50.4	2.9	-	-	-	5.5	12.5	88.5	64.2	632.2
1964	57.7	109.2	142.8	71.2	38.0	-	-	1.6	8.7	38.6	43.8	38.7	550.3
1965	46.1	97.0	163.7	49.6	x	x	x	x	x	x	x	x	-
1966	x	x	x	x	x	x	-	-	36.0	71.2	17.5	38.4	-
1967	114.3	253.7	122.7	46.4	13.1	1.6	17.2	3.5	15.9	93.8	15.2	35.6	733.0
1968	68.6	45.1	110.6	22.3	-	-	-	-	-	-	-	-	-
MEDIA	83.4	112.9	140.0	57.5	13.5	0.5	1.9	1.4	12.2	40.4	45.0	54.1	562.8

TEMPERATURA MEDIA  
( °C.)

AÑOS	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SET	OCT	NOV	DIC	A.B.D.
1957	-	-	-	-	-	-	-	-0.3	0.9	7.0	6.3	6.2	-
1958	7.2	7.0	7.4	7.3	6.2	5.1	4.2	5.1	5.8	6.3	5.0	5.6	6.0
1959	6.0	6.3	6.8	6.6	5.6	4.5	4.5	4.9	5.9	6.4	6.1	7.1	5.9
1960	6.1	6.4	5.9	6.4	5.8	4.5	4.2	5.4	5.9	5.6	6.2	5.6	5.7
1961	6.7	5.8	7.5	6.8	6.6	5.0	3.9	4.7	5.9	6.4	5.5	6.0	5.9
1962	6.4	6.8	6.3	6.2	5.7	3.5	4.5	4.2	5.8	6.0	6.2	5.4	5.6
1963	5.5	5.2	6.9	6.4	5.2	4.3	3.6	5.4	5.0	6.2	5.1	6.8	5.5
1964	7.1	6.8	6.8	6.7	5.3	4.2	4.5	4.7	4.8	5.0	5.2	4.1	5.4
1965	5.2	6.2	6.0	5.9	x	x	x	x	x	x	x	x	-
1966	x	x	x	x	x	x	4.2	4.4	5.3	5.6	5.6	4.9	-
1967	6.0	5.4	5.6	6.1	5.6	4.0	3.6	4.3	5.2	5.5	4.9	5.4	5.1
1968	6.0	5.6	5.4	4.5	-	-	-	-	-	-	-	-	-
MEDIA	6.2	6.2	6.5	6.3	5.8	4.4	4.1	4.3	5.0	6.0	5.6	5.7	5.5

CONOCOCHA

CORPORACION PERUANA DEL SANTA

TEMPERATURA MAXIMA MEDIA  
( °C.)

AÑOS	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SET	OCT	NOV	DIC	AÑO
1957	-	-	-	-	-	-	-	13.3	12.2	12.9	12.5	12.4	-
1958	12.6	11.8	12.2	12.2	13.3	13.8	13.1	14.5	13.8	12.2	12.8	13.1	13.0
1959	12.8	10.9	11.1	11.0	11.6	11.6	13.0	13.1	13.7	11.8	11.8	11.7	12.0
1960	10.9	10.9	10.7	11.2	11.9	13.0	12.4	13.6	13.0	12.0	11.8	12.6	12.0
1961	11.1	11.1	12.1	12.0	12.3	12.0	12.3	13.4	12.6	13.6	10.2	10.5	11.9
1962	11.0	11.4	10.8	11.4	12.3	11.9	12.9	12.5	13.4	13.6	13.4	11.2	12.2
1963	9.8	9.5	11.2	11.8	12.0	12.2	11.7	13.6	12.2	12.5	10.1	11.4	11.5
1964	12.3	11.1	10.7	11.2	10.9	11.2	11.0	11.4	11.9	10.6	10.6	10.1	11.1
1965	10.0	10.0	9.9	10.5	x	x	x	x	x	x	x	x	-
1966	x	x	x	x	x	x	12.9	12.7	12.7	10.2	11.1	10.6	-
1967	10.6	9.3	9.8	11.1	11.2	11.1	10.3	11.6	12.2	10.4	10.8	11.5	10.8
1968	11.2	10.4	10.1	11.0	-	-	-	-	-	-	-	-	-
MEDIA	11.2	10.6	10.9	11.3	11.9	12.1	12.2	13.0	12.8	12.0	11.5	11.5	11.8

TEMPERATURA MINIMA MEDIA  
( °C.)

AÑOS	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SET	OCT	NOV	DIC	AÑO
1957	-	-	-	-	-	-	-	-3.2	1.8	1.0	0.0	0.0	-
1958	1.7	2.3	2.6	2.3	-0.8	-3.6	-4.6	-4.4	-2.2	0.4	-2.8	-1.8	-0.9
1959	-0.7	-1.7	2.5	2.2	0.4	-2.7	-3.9	-3.3	-2.0	1.0	0.5	2.5	-0.4
1960	1.8	2.0	1.0	1.5	-0.3	-4.0	-4.0	-2.8	-1.2	-0.9	-0.7	-1.5	-0.6
1961	2.3	1.5	2.8	1.7	0.9	-2.0	-4.4	-4.0	-0.9	-0.8	0.7	1.6	0.0
1962	1.8	2.3	1.7	0.8	-0.9	-4.9	-3.9	-4.2	-1.8	-1.5	-1.0	-0.3	-1.0
1963	1.1	0.9	2.5	1.1	-1.5	-3.6	-4.6	-2.9	-2.1	-0.1	0.2	2.2	-0.6
1964	1.9	2.4	2.8	2.2	-0.3	-2.8	-4.2	-2.0	-2.4	-0.6	-0.3	-1.8	-0.4
1965	0.4	2.4	2.2	1.2	1.2	x	x	x	x	x	x	x	x
1966	x	x	x	x	x	x	-4.6	-3.8	-2.2	1.0	0.1	-0.8	-
1967	1.3	1.5	1.5	1.1	0.0	-3.1	-3.2	-3.0	-1.8	0.6	-1.1	-0.7	-0.6
1968	0.7	0.8	0.8	-2.0	-	-	-	-	-	-	-	-	-
MEDIA	1.2	1.4	2.0	1.2	-0.1	-3.3	-4.2	-3.4	-1.5	0.0	-0.3	-0.1	-0.6

## CORONGO

SENAMHI

PRECIPITACION  
( mm. )

AÑOS	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SET	OCT	NOV	DIC	TOTAL
1965	32.0	115.0	173.0	51.0	4.0	-	-	1.0	6.0	14.0	46.0	x	-
1966	x	10.3	31.6	32.9	1.6	-	-	0.3	6.0	52.3	31.5	29.1	
1967	181.3	189.5	151.9	20.4	30.2	1.7	19.9	6.6	43.9	80.4	2.1	16.1	744.0
1968	55.0	27.6	63.9	2.8	11.6	18.0	7.3	15.9	13.3	28.2	40.1	64.2	347.9
1969	57.0	105.3	169.0	51.0	10.4	7.1	-	5.8	5.3	53.9	80.5	60.3	605.6
1970	111.1	15.3	67.2	0.0	14.7	2	10.2	1.2	30.6	24.8	0.0	2.3	277.4
1971	12.1	17.5	120.6	4.3	8.2	-	-	-	10.2	10.2	37.6	39.3	260.0
MEDIA	74.8	68.6	111.0	23.2	11.5	3.8	5.3	4.4	16.5	37.7	34.0	35.2	416.0

TEMPERATURA MEDIA  
( °C. )

AÑOS	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SET	OCT	NOV	DIC	AÑO
1965	x	x	x	x	x	x	x	x	x	x	11.2	x	-
1966	x	x	11.2	11.3	9.9	x	8.9	10.4	10.3	10.7	11.1	10.2	-
1967	11.1	10.1	10.9	11.3	9.9	8.2	9.6	10.3	10.0	10.7	9.3	10.7	10.2
1968	11.3	10.5	10.6	10.5	9.8	9.6	9.9	9.6	8.3	9.5	9.2	9.1	9.8
1969	9.8	10.2	12.2	13.0	13.0	13.1	12.0	13.2	13.4	11.2	11.5	11.7	12.0
1970	11.4	12.1	12.1	12.2	11.2	12.4	11.9	12.6	12.4	11.7	x	12.1	-
1971	12.8	12.8	10.6	12.6	12.7	12.8	13.2	13.0	13.4	12.6	12.8	12.1	12.6
MEDIA	11.3	11.1	11.3	11.8	11.1	11.2	10.9	11.5	11.3	11.1	10.8	11.0	11.2

## CORONGO

## SENAMHI

TEMPERATURA MAXIMA MEDIA  
( °C. )

AÑOS	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SET	OCT	NOV	DIC	AÑO
1965	15.0	x	14.1	14.4	17.1	17.7	17.3	17.6	18.3	17.9	17.1	x	-
1966	x	x	16.5	16.4	15.2	x	16.8	18.4	16.9	15.8	16.8	15.1	-
1967	15.0	13.6	14.8	16.0	15.4	14.8	15.6	16.6	17.4	16.5	16.2	15.9	15.6
1968	16.7	16.3	16.8	14.2	13.4	13.4	14.8	14.8	13.7	15.4	15.1	14.8	15.0
1969	14.9	14.6	16.5	17.5	17.1	17.2	17.6	18.2	18.3	16.8	16.4	16.6	16.8
1970	15.1	15.3	15.2	15.5	14.6	14.8	14.6	15.4	15.0	14.7	-	14.8	-
1971	15.5	15.5	13.2	16.3	16.0	15.6	15.7	16.3	16.6	15.9	14.9	15.3	15.6
MEDIA	15.4	15.1	15.3	15.8	15.7	15.6	16.0	16.8	16.6	16.1	16.1	15.4	15.8

TEMPERATURA MINIMA MEDIA  
( °C. )

AÑOS	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SET	OCT	NOV	DIC	AÑO
1965	x	x	x	x	x	x	x	x	x	x	5.2	x	-
1966	x	x	6.0	6.3	3.6	1.4	1.1	2.5	3.6	5.7	5.5	5.4	-
1967	7.2	6.7	7.0	6.5	4.5	1.5	3.5	4.0	2.6	4.9	2.4	5.5	4.7
1968	5.8	4.8	4.4	6.8	6.2	5.4	5.1	4.3	3.0	3.5	3.2	3.5	4.7
1969	4.6	5.9	7.9	8.6	8.9	9.1	8.4	8.1	8.4	5.6	6.7	6.9	7.4
1970	7.7	9.0	9.0	8.9	7.8	10.0	9.3	9.8	9.8	8.7	x	9.5	-
1971	10.2	10.1	8.0	9.0	9.5	10.1	10.8	9.7	10.2	9.4	8.7	9.0	9.6
MEDIA	7.1	7.3	7.0	7.7	6.8	6.2	6.4	6.4	6.3	6.3	5.3	6.6	6.6

H I D R O

CORPORACION PERUANA DEL SANTA

PRECIPITACION  
( m.m.)

AÑOS	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SET	OCT	NOV	DIC	TOTAL
1945	90.8	64.7	59.6	32.8	0.8	-	-	-	0.5	4.8	14.9	29.9	298.8
1946	87.2	29.3	27.9	11.4	1.0	x	x	x	2.0	33.0	7.5	28.4	-
1947	11.6	12.9	14.7	5.5	4.8	-	-	4.8	-	-	10.4	24.1	88.8
1948	55.1	11.1	17.0	36.5	-	-	x	x	5.8	25.4	2.5	-	-
1949	6.5	35.5	65.3	12.9	-	1.4	-	-	0.3	1.6	3.8	1.0	128.3
1950	4.1	66.0	27.1	34.8	x	x	x	0.3	-	16.5	68.4	32.0	-
1951	x	x	x	x	x	x	x	x	x	x	x	x	-
1952	x	x	x	x	x	x	x	x	x	x	x	x	-
1953	27.9	47.7	28.3	x	x	x	x	-	5.3	5.3	12.2	6.8	-
1954	49.1	8.3	28.2	-	2.0	-	-	-	5.0	18.2	7.1	13.2	131.1
1955	15.7	28.4	31.2	13.4	-	-	-	-	2.5	10.4	16.7	21.0	139.3
1956	63.2	51.3	x	20.5	-	-	-	-	12.7	15.5	-	-	-
1957	x	69.1	43.8	18.0	-	0.3	-	1.5	1.4	12.3	7.1	10.9	-
1958	14.0	16.5	60.9	14.4	-	-	-	-	-	10.1	-	2.5	118.4
1959	3.0	x	20.3	10.3	-	0.7	-	4.5	-	16.2	11.9	33.7	-
1960	18.5	28.9	18.5	12.1	-	-	-	-	-	4.8	9.4	19.9	112.1
1961	74.6	9.8	34.3	33.2	1.5	-	-	-	2.5	6.3	25.5	22.8	210.5
1962	49.3	40.2	49.5	4.0	-	-	-	-	3.8	3.5	14.9	9.0	174.2
1963	13.9	33.0	89.9	41.9	0.7	-	-	-	3.0	9.8	24.9	11.6	228.7
1964	5.5	29.7	32.0	20.5	5.3	-	1.7	3.9	0.2	44.7	10.1	8.3	161.9
1965	3.8	33.2	50.5	19.8	0.7	-	-	-	12.9	12.0	3.0	40.1	176.0
1966	5.5	26.6	15.2	16.1	-	-	-	-	6.3	19.8	14.2	6.8	110.5
1967	71.4	81.5	51.7	6.4	0.8	1.8	4.3	-	2.3	28.6	6.1	1.1	256.0
1968	35.6	25.1	18.8	14.2	1.9	-	-	0.2	1.5	9.5	8.9	9.2	124.9
1969	0.5	32.1	71.8	11.6	7.4	0.8	-	-	-	16.1	32.9	x	-
MEDIA	32.1	35.5	38.9	17.7	1.3	0.2	0.3	0.7	3.0	14.1	13.6	15.1	172.5

H U A R A Z

SENAMHI

PRECIPITACION  
( m.m.)

AÑOS	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SET	OCT	NOV	DIC	TOTAL
1965	67.5	98.3	164.3	55.9	31.2	-	-	0.6	62.9	103.4	49.5	147.0	780.6
1966	140.4	84.9	80.0	71.3	23.6	0.3	-	0.8	17.2	181.0	86.5	60.9	746.9
1967	127.4	164.0	183.4	60.3	46.3	3.0	13.3	8.5	35.2	159.2	40.7	66.0	907.3
1968	100.9	56.1	119.6	18.8	25.8	-	0.3	27.9	37.2	84.5	33.0	36.9	541.0
1969	71.5	101.0	154.1	87.1	10.5	1.4	2.1	-	3.4	78.7	128.4	130.8	769.0
1970	190.0	86.6	96.0	157.3	65.7	7.6	0.2	5.4	92.0	72.7	72.0	129.7	975.2
1971	106.1	129.2	215.1	96.3	3.0	2.7	0.5	34.8	12.6	77.4	54.0	140.4	198.7
MEDIA	114.8	102.9	144.6	78.1	29.4	2.1	2.3	11.4	37.2	108.1	66.3	101.7	798.9

TEMPERATURA MEDIA  
( °C.)

AÑOS	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SET	OCT	NOV	DIC	A. B. O.
1965	13.8	14.2	13.7	13.5	13.3	12.9	13.0	13.7	14.6	14.7	14.1	14.3	13.8
1966	15.0	14.5	14.1	14.3	13.7	12.8	13.4	13.6	14.5	13.7	13.6	13.3	13.9
1967	13.4	12.3	12.2	13.0	13.0	12.0	12.2	13.2	13.4	13.0	13.4	13.7	12.9
1968	14.0	13.6	13.4	13.1	13.1	11.9	12.4	13.6	14.3	14.2	13.8	14.3	13.5
1969	14.4	14.6	14.5	14.4	14.3	13.3	13.0	13.4	14.4	14.2	14.2	13.8	14.0
1970	13.8	14.3	14.3	14.5	13.4	13.8	13.1	13.9	14.6	14.8	14.1	14.3	14.1
1971	13.9	13.2	13.6	13.3	13.0	12.9	12.9	13.1	14.0	14.6	14.1	13.9	13.5
MEDIA	14.0	13.8	13.7	13.7	13.4	12.8	12.9	13.5	14.3	14.2	13.9	13.9	13.7



H U A R A Z

SENAMHI

TEMPERATURA MAXIMA MEDIA  
( °C. )

AÑOS	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SET	OCT	NOV	DIC	AÑO
1965	20.4	20.0	19.4	19.7	20.9	22.0	21.5	22.8	21.8	21.4	21.2	21.1	21.0
1966	20.9	20.6	20.6	21.1	21.5	22.4	23.2	22.7	22.7	19.8	20.3	19.7	21.3
1967	19.4	18.5	18.7	20.3	20.7	20.7	21.1	22.0	21.9	20.1	21.0	21.3	20.5
1968	20.8	19.4	19.1	21.1	21.1	21.2	21.2	22.0	21.8	21.1	21.3	21.6	21.0
1969	21.2	20.3	19.9	20.4	22.2	21.4	22.2	22.0	23.2	21.8	20.6	19.6	21.2
1970	18.8	20.3	20.6	20.2	20.0	22.1	22.3	23.4	22.3	21.8	20.7	20.9	21.1
1971	20.1	18.8	18.8	19.3	20.9	21.0	22.0	21.6	22.4	22.1	21.7	20.4	20.8
MEDIA	20.2	19.7	19.6	20.3	21.0	21.5	21.9	22.4	22.3	21.2	21.0	20.7	20.9

TEMPERATURA MINIMA MEDIA  
( °C. )

AÑOS	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SET	OCT	NOV	DIC	AÑO
1965	7.1	8.4	7.9	7.2	5.7	3.8	4.5	4.6	7.4	8.0	7.0	7.5	6.6
1966	7.2	8.4	7.6	7.5	6.0	3.3	3.6	4.4	6.1	7.7	6.9	6.8	6.3
1967	8.5	8.4	7.6	7.2	6.2	3.5	3.7	3.9	5.4	7.8	5.8	6.9	6.2
1968	7.3	7.8	7.7	5.0	5.1	2.6	3.6	5.3	6.8	7.3	6.2	7.0	6.0
1969	7.5	8.9	9.2	8.5	6.4	5.3	3.8	4.8	5.7	6.7	7.7	8.1	6.9
1970	8.8	8.3	8.0	8.7	6.8	5.5	3.9	4.2	6.8	7.7	7.5	7.7	7.0
1971	7.6	7.5	8.3	7.3	5.2	4.9	3.8	4.6	5.7	7.2	6.6	7.4	6.3
MEDIA	7.7	8.2	8.0	7.3	5.9	4.1	3.8	4.5	6.3	7.5	6.8	7.3	6.4

H U A R A Z

SENAMHI

RADIACION SOLAR  
( cal/gr/cm<sup>2</sup> )

AÑOS	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SET	OCT	NOV	DIC	A. N. O.
1965	523.2	473.4	462.5	481.4	464.4	445.4	438.8	490.2	511.6	520.9	522.6	508.5	486.9
1966	472.5	483.8	486.7	496.4	436.6	426.7	437.7	452.9	466.7	446.0	503.6	475.0	465.4
1967	470.2	429.5	464.7	470.0	438.8	434.3	439.1	479.1	499.4	500.5	555.6	564.8	479.8
1968	510.2	449.0	457.0	512.5	460.5	446.7	430.4	443.8	474.0	463.8	533.6	500.9	473.5
1969	516.0	451.6	452.8	447.1	451.2	400.4	460.8	462.9	511.9	492.2	484.2	466.3	466.8
MEDIA	498.4	457.5	464.7	481.5	450.3	431.5	441.4	465.8	492.7	484.7	519.9	503.1	474.3

BRILLO SOLAR  
( horas )

AÑOS	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SET	OCT	NOV	DIC	A. N. O.
1965	6.3	5.2	5.4	6.9	8.3	9.7	8.0	8.7	6.9	7.1	7.1	6.7	7.2
1966	6.1	6.4	6.8	7.9	8.5	9.2	9.3	9.1	8.0	5.6	6.7	5.3	7.4
1967	5.1	4.2	5.1	7.0	8.0	9.1	9.0	8.7	7.7	6.3	8.0	8.2	7.2
1968	6.8	4.9	5.5	8.9	9.1	9.2	8.6	7.8	7.6	6.1	8.1	7.2	7.5
1969	6.6	4.7	5.4	6.4	8.3	7.6	8.7	8.0	8.5	7.0	6.4	5.6	6.9
1970	4.0	5.6	7.1	6.1	7.4	5.9	9.2	8.7	7.4	6.8	5.9	x	-
MEDIA	5.8	5.8	5.9	7.2	8.3	8.4	8.8	8.5	7.7	6.5	7.0	6.6	7.2

## LAMPAS - B A J O

CORPORACION PERUANA DEL SANTA


 PRECIPITACION  
 ( mm. )

AÑOS	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SET	OCT	NOV	DIC	TOTAL
1957	x	x	x	x	x	x	x	x	19.8	31.3	53.9	154.4	-
1958	57.1	131.5	168.6	27.3	7.0	-	-	1.0	13.1	51.1	13.2	29.0	498.9
1959	57.5	151.4	184.9	113.0	28.9	2.2	-	0.6	6.7	129.5	26.5	150.5	851.7
1960	120.7	179.9	102.9	109.5	5.7	0.4	-	9.4	13.0	44.7	74.1	36.5	696.8
1961	134.2	140.0	131.8	80.2	36.7	6.9	-	0.9	15.2	24.9	177.9	129.6	878.1
1962	186.1	98.9	207.8	92.2	17.3	-	-	-	11.7	6.2	40.5	53.5	714.2
1963	162.6	140.5	196.5	89.9	7.0	1.7	-	0.4	7.9	23.5	135.9	98.6	864.5
1964	51.0	145.2	203.8	84.8	39.0	-	5.2	3.8	8.8	50.2	61.7	55.3	708.8
1965	63.4	109.9	164.6	51.9	x	x	x	x	x	x	x	x	-
1966	x	x	x	x	x	x	-	0.9	39.2	137.4	57.6	44.2	-
1967	126.2	231.7	114.9	30.0	20.5	10.9	21.8	6.7	28.8	136.2	33.0	76.8	837.5
1968	98.5	62.7	136.0	25.3	x	x	x	x	x	x	x	x	-
MEDIAS	105.7	139.2	161.2	70.4	20.3	2.8	3.0	2.6	16.4	63.5	67.4	82.8	735.3

LMC/gvv.

## LAMPAS - B A J O

CORPORACION PERUANA DEL SANTA

TEMPERATURA MEDIA  
( °C. )

AÑOS	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SET	OCT	NOV	DIC	A Ñ O
1957	x	x	x	x	x	x	x	x	6.4	7.4	6.2	7.0	-
1958	7.6	7.6	7.6	7.9	6.2	5.1	3.8	4.8	5.6	6.5	4.8	5.2	6.0
1959	6.3	7.0	7.4	7.0	5.9	4.5	4.2	4.6	5.6	6.7	6.1	7.1	6.0
1960	6.8	6.8	6.3	6.3	6.0	4.7	4.4	5.5	5.8	5.5	6.7	5.8	5.9
1961	7.2	6.4	7.6	6.9	6.6	5.2	3.8	4.0	5.4	6.8	6.0	6.4	6.0
1962	6.7	7.0	6.5	6.2	5.6	3.3	4.2	4.0	5.6	5.4	6.2	5.8	5.5
1963	6.0	5.6	7.2	6.6	5.5	4.2	3.9	4.8	5.4	6.6	5.9	7.2	5.7
1964	7.4	7.5	7.3	6.9	6.5	4.2	3.7	4.4	4.5	5.4	5.6	4.9	5.7
1965	6.0	6.8	6.6	6.4	x	x	x	x	x	x	x	x	-
1966	x	x	x	x	x	x	4.6	5.0	6.1	6.8	6.6	6.4	-
1967	7.1	7.0	7.0	7.1	6.1	4.4	4.3	4.6	5.5	6.3	5.8	6.0	5.9
1968	6.7	6.5	6.6	5.6	x	x	x	x	x	x	x	x	-
MEDIA	6.8	6.8	7.0	6.7	6.0	4.4	4.1	4.6	5.6	6.3	6.0	6.2	5.9

LMC/gvv.

LAMPAS - B A J O

CORPORACION PERUANA DEL SANTA

TEMPERATURA MAXIMA MEDIA  
( °C.)

AÑOS	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SET	OCT	NOV	DIC	A. N. O.
1957	x	x	x	x	x	x	x	x	13.7	13.3	13.7	13.7	-
1958	13.1	12.4	12.8	13.2	13.5	14.2	12.9	14.3	13.4	12.2	12.6	13.1	13.1
1959	12.8	11.7	12.0	11.9	12.6	12.6	13.3	13.6	13.9	12.1	12.3	11.8	12.6
1960	11.8	11.4	11.8	11.8	12.9	14.1	13.4	14.4	13.2	13.1	12.9	13.6	12.9
1961	11.9	12.2	12.7	12.4	13.0	13.4	13.3	13.8	13.1	14.1	11.4	11.2	12.7
1962	11.6	11.9	11.2	12.3	12.9	13.2	13.9	13.4	13.9	13.9	13.9	12.3	12.9
1963	10.8	10.1	12.0	12.3	13.6	12.5	13.9	14.0	13.7	13.6	11.9	12.6	12.6
1964	13.6	12.8	12.2	12.9	12.5	12.7	13.0	13.1	13.0	12.4	12.2	12.2	12.7
1965	12.0	11.9	11.8	12.4	x	x	x	x	x	x	x	x	-
19 66	x	x	x	x	x	x	14.7	14.6	14.3	12.3	13.1	12.7	-
1967	12.4	11.2	11.8	12.9	13.3	13.3	12.5	13.2	13.6	11.9	13.1	13.0	12.7
1968	12.5	12.1	12.2	12.8	x	x	x	x	x	x	x	x	-
<b>MEDIA</b>	12.2	11.8	12.0	12.6	13.0	13.2	13.4	13.8	13.6	13.0	12.7	12.6	12.8

LAMPAS - B A J O

CORPORACION PERUANA DEL SANTA

TEMPERATURA MINIMA MEDIA  
( °C. )

AÑOS	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SET	OCT	NOV	DIC	AÑO
1957	x	x	x	x	x	x	x	x	-0.9	3.0	-1.2	0.2	-
1958	2.1	2.7	2.6	2.6	-6.1	-4.1	-5.3	-4.8	-2.2	0.8	-2.2	-2.2	-1.3
1959	0.2	2.2	2.8	2.1	-0.9	-3.5	-4.9	-4.3	-2.8	1.2	0.0	-2.3	-0.8
1960	1.7	2.1	0.8	0.8	0.8	-4.7	-4.5	-3.4	-1.6	-2.1	0.5	-1.9	-1.0
1961	2.4	1.6	2.6	1.4	0.2	-3.1	-5.6	-5.8	-2.2	-0.6	1.7	1.6	-0.5
1962	1.8	2.2	1.8	0.0	-1.6	-6.6	-5.6	-5.4	-2.7	-3.0	-1.2	-0.6	-1.7
1963	1.2	1.1	2.4	0.9	-2.6	5.2	-6.0	-4.4	2.8	-0.9	-0.1	1.7	0.1
1964	1.2	2.1	2.3	1.0	-1.5	-4.3	-5.5	-4.2	-4.0	-1.7	-1.2	-2.1	-1.5
1965	-0.1	1.7	1.3	0.9	x	x	x	x	x	x	x	x	-
1966	x	x	x	x	x	x	-5.4	-4.6	-2.2	-1.4	-0.6	0.2	-
1967	1.7	2.2	1.8	1.2	-1.1	-4.4	-4.0	-4.0	-2.5	0.7	-1.5	-1.0	-0.9
1968	0.9	0.9	1.0	-1.7	x	x	x	x	x	x	x	x	-
MEDIA	1.3	1.9	1.9	0.9	-1.6	-3.2	-5.2	-4.5	-1.8	-0.4	-0.6	-0.6	-1.0

LMC/gvv.

## LAMPAS - ALTO

CORPORACION PERUANA DEL SANTA

PRECIPITACION  
( mm. )

AÑOS	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SET	OCT	NOV	DIC	TOTAL
1957	x	x	x	x	x	x	x	x	x	x	29.8	95.8	-
1958	81.0	161.4	192.4	39.3	14.9	-	-	-	7.9	51.9	24.9	20.4	594.1
1959	65.6	186.8	189.8	154.7	29.2	2.6	-	0.3	4.4	84.2	28.3	110.4	856.3
1960	146.4	149.1	106.6	108.2	4.4	0.3	-	2.6	17.0	60.2	91.9	54.9	741.6
1961	168.9	156.3	163.7	75.5	36.1	6.0	-	1.2	16.8	18.5	140.9	128.8	912.7
1962	142.0	115.4	200.0	83.6	11.1	-	-	-	17.4	12.3	38.8	68.1	688.7
1963	134.5	165.8	183.8	88.5	5.3	-	-	2.1	7.4	12.5	126.3	118.5	844.7
1964	63.5	170.8	197.5	73.4	40.5	-	0.6	3.5	10.2	34.4	75.5	34.8	704.7
1965	42.4	120.1	191.6	70.6	x	x	x	x	x	x	x	x	-
1966	x	x	x	x	x	x	-	-	29.9	112.8	35.7	44.1	-
1967	119.2	243.5	162.0	43.0	23.5	5.5	19.8	7.3	22.0	108.4	27.6	x	-
1968	110.1	45.6	129.1	19.8	26.2	1.5	-	17.1	21.1	43.4	46.7	40.9	501.5
1969	66.7	88.7	145.7	75.3	4.0	-	2.5	3.4	17.5	39.9	89.0	173.2	705.9
1970	178.3	77.9	84.5	161.6	72.0	8.6	-	9.5	75.6	88.1	67.5	108.8	932.4
1971	77.1	180.5	214.5	57.5	1.3	1.5	1.5	23.8	4.6	41.0	16.1	120.4	739.8
MEDIA	107.4	143.2	166.2	80.8	22.4	2.2	1.9	5.4	19.4	54.4	59.9	86.1	749.3

LMC/gvv.

## LAMPAS - ALTO

CORPORACION PERUANA DEL SANTA

TEMPERATURA MEDIA  
( °C. )

AÑOS	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SET	OCT	NOV	DIC	AÑO
1957	x	x	x	x	x	x	x	x	x	x	6.7	7.2	-
1958	7.5	7.4	7.9	2.6	6.5	5.3	4.6	5.4	6.4	7.2	5.8	6.3	6.1
1959	6.2	6.9	7.5	7.0	5.6	4.7	4.7	4.9	6.1	6.7	6.2	7.4	6.2
1960	6.5	6.7	6.2	6.3	5.9	4.6	4.4	5.6	6.1	5.8	6.5	6.1	5.9
1961	7.2	6.2	6.9	7.5	6.6	5.2	4.0	4.8	5.9	6.8	5.9	6.5	6.1
1962	6.8	7.0	6.4	6.2	5.7	3.9	4.9	4.3	5.9	6.1	6.3	5.8	5.8
1963	5.5	5.3	7.0	6.2	5.1	4.7	4.1	5.7	5.6	6.8	5.9	7.2	5.8
1964	7.5	7.4	7.2	7.0	5.7	4.5	3.9	5.0	5.5	5.5	5.5	4.8	5.8
1965	5.7	6.6	6.6	6.1	x	x	x	x	x	x	x	x	-
1966	x	x	x	x	x	x	4.2	4.8	6.0	6.8	6.2	6.2	-
1967	7.0	6.5	6.7	6.9	6.3	4.5	4.0	4.7	6.1	6.1	6.0	x	-
1968	7.0	6.4	6.1	5.6	5.6	4.4	4.9	5.3	6.6	7.4	6.1	6.7	6.0
1969	7.5	7.8	7.9	7.6	7.0	5.8	5.5	6.2	7.3	7.3	6.3	6.6	6.9
1970	6.7	7.4	7.2	7.3	6.7	5.6	4.8	5.4	6.3	7.0	6.7	6.6	6.5
1971	6.4	6.1	6.8	6.6	5.6	4.8	4.4	5.4	5.5	6.7	5.8	6.5	5.9
MEDIA	6.7	6.8	7.0	6.4	6.0	4.8	4.5	5.2	6.1	6.6	6.1	6.4	6.0



## LAMPAS - ALTO

CORPORACION PERUANA DEL SANTA

TEMPERATURA MAXIMA MEDIA  
( °C. )

AÑOS	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SET	OCT	NOV	DIC	AÑO
1957	x	x	x	x	x	x	x	x	x	x	14.0	14.3	-
1958	13.2	12.6	13.2	13.3	13.8	13.6	13.7	15.4	15.0	13.8	14.4	15.2	13.9
1959	15.0	12.1	12.5	12.2	11.7	12.8	14.0	14.2	14.7	13.0	13.2	12.8	13.2
1960	12.0	12.0	12.1	11.9	12.7	13.9	13.2	14.4	14.0	13.3	12.8	13.9	13.0
1961	12.2	11.2	12.4	12.4	12.5	12.7	13.0	12.9	13.2	14.4	11.5	11.4	12.5
1962	12.0	11.9	11.1	11.9	12.9	13.0	13.7	13.3	13.8	14.3	14.5	12.8	12.9
1963	10.6	10.2	11.9	12.0	12.7	13.4	13.1	14.3	13.7	13.9	12.1	12.8	12.6
1964	13.3	12.3	11.9	12.3	12.1	12.3	12.4	12.8	13.7	12.4	12.1	11.8	12.4
1965	11.6	11.5	11.7	12.0	x	x	x	x	x	x	x	x	-
1966	x	x	x	x	x	x	13.2	13.4	13.8	11.7	12.4	11.9	-
1967	12.4	11.0	11.4	12.6	12.5	12.2	11.4	12.4	13.2	12.3	12.3	x	-
1968	12.1	11.6	11.2	12.0	12.1	12.9	12.4	12.4	13.1	13.4	12.5	13.1	12.4
1969	12.8	12.6	12.5	12.5	13.7	13.3	13.2	13.5	14.2	14.2	12.5	11.3	13.0
1970	10.8	11.6	12.1	12.2	12.0	12.2	12.4	13.4	11.8	12.8	12.0	11.9	12.1
1971	10.9	10.6	10.7	12.2	12.8	12.7	13.2	13.0	13.8	13.9	13.8	12.7	12.5
MEDIA	12.2	11.6	11.9	12.3	12.6	12.9	13.0	13.5	13.7	13.3	12.9	12.8	12.7

LMC/gvv.

LAMPAS-ALTO

CORPORACION PERUANA DEL SANTA

TEMPERATURA MINIMA MEDIA  
( °C.)

AÑOS	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SET	OCT	NOV	DIC	AÑO
1957	x	x	x	x	x	x	x	x	x	x	0.8	0.0	-
1958	1.8	2.6	2.6	2.4	-1.5	-3.0	-4.6	-4.5	-2.2	0.6	-2.7	-2.5	-0.9
1959	-0.7	1.7	2.5	1.8	-0.6	-3.2	-4.5	-4.3	-2.6	0.3	-0.8	1.9	-0.7
1960	1.0	1.4	0.3	0.7	-0.9	-4.7	-4.3	-3.2	-1.8	-1.6	-0.2	-1.6	-1.2
1961	2.3	1.3	1.4	2.7	0.7	-2.3	-5.1	-4.3	-1.4	-0.8	0.4	1.6	-0.3
1962	1.7	2.1	1.6	0.5	1.4	-5.1	-3.9	-4.1	-2.0	-2.1	-1.9	-1.1	-1.1
1963	0.4	0.4	2.4	0.5	-2.5	-4.0	-4.9	-2.9	-2.4	-0.2	-0.4	-1.7	-1.3
1964	1.8	2.5	2.4	1.7	-0.7	-3.3	-4.6	-2.7	-2.8	-1.3	-1.0	-2.3	-0.9
1965	-0.1	1.7	1.4	0.2	x	x	x	x	x	x	x	x	-
1966	x	x	x	x	x	x	-4.8	-3.7	-1.8	1.7	1.0	0.5	-
1967	1.8	2.0	2.0	1.3	0.2	-3.3	-3.5	-3.0	-1.0	0.9	-0.3	x	-
1968	1.8	1.3	1.0	-0.8	-0.9	-4.2	-2.5	-1.8	0.1	1.4	-0.3	0.4	-0.4
1969	2.3	3.1	3.5	2.6	0.3	-1.9	-2.0	0.4	0.2	0.2	1.4	2.3	1.0
1970	2.6	3.3	2.2	2.4	1.4	-0.9	-2.8	-2.6	0.8	1.3	1.4	1.4	0.9
1971	1.8	1.6	2.9	1.1	-1.6	-3.2	-4.5	-2.1	-2.8	-0.5	-2.1	0.3	-0.8
MEDIA	1.4	1.9	2.0	1.3	-0.1	-3.3	-4.0	-3.0	-1.5	0.0	-0.3	-0.1	-0.5

LOS-CEDROS

CORPORACION PERUANA DEL SANTA

PRECIPITACION  
( m.m.)

AÑOS	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SET	OCT	NOV	DIC	TOTAL
1945	55.4	52.6	78.0	29.0	3.0	x	0.6	1.5	3.3	7.9	26.7	38.3	-
1946	107.8	29.3	35.3	31.5	5.5	x	x	x	2.9	49.9	25.2	35.8	-
1947	70.1	26.1	21.8	20.7	4.0	11.0	0.2	6.3	4.0	38.3	16.4	44.6	263.5
1948	77.4	40.7	22.5	53.4	8.0	1.5	x	x	-	x	x	-	-
1949	18.5	23.1	91.5	21.3	-	-	-	-	-	7.3	22.0	2.1	185.8
1950	10.9	86.7	49.9	48.6	x	x	x	-	-	-	-	-	-
MEDIA	56.7	43.1	49.8	34.1	4.1	4.2	0.3	2.0	1.7	20.7	18.1	20.1	254.9

LMC/gvv.

LLANGANUCO

CORPORACION PERUANA DEL SANTA

PRECIPITACION  
( m.m.)

AÑOS	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SET	OCT	NOV	DIC	TOTAL
1953	77.0	x	253.6	x	x	x	x	x	24.9	26.7	17.8	84.1	-
1954	147.0	44.4	100.6	-	-	8.2	-	-	20.1	82.9	46.7	40.8	490.7
1955	97.1	88.5	20.6	40.2	12.4	-	-	-	9.4	20.7	17.7	15.9	322.5
1956	138.6	170.5	x	53.5	8.8	-	-	-	20.7	-	11.8	14.8	-
1957	x	97.7	164.0	88.2	38.5	5.9	-	8.8	47.3	89.3	58.6	76.9	-
1958	148.0	120.3	109.5	89.9	25.4	-	-	-	4.1	45.6	11.2	31.2	585.2
1959	37.9	x	210.5	226.1	29.6	-	-	1.7	1.7	78.7	45.0	164.0	-
1960	61.1	130.3	49.8	65.7	3.5	-	-	43.8	16.5	37.3	63.3	60.6	531.9
1961	190.1	x	171.7	85.2	14.2	9.4	1.8	4.7	32.5	30.7	134.4	114.2	-
1962	161.1	177.0	231.0	36.1	9.4	0.6	-	-	37.2	29.6	34.3	69.2	785.4
1963	118.4	101.2	235.7	80.5	10.6	-	-	1.1	20.7	43.8	127.8	118.9	858.7
1964	30.2	57.4	126.1	112.5	39.7	0.5	18.9	-	-	12.4	8.2	42.0	447.9
1965	79.3	71.0	46.2	94.1	41.4	-	-	-	69.9	183.0	73.4	71.0	729.3
1966	94.2	220.3	73.4	85.8	13.0	-	7.1	4.7	39.9	173.5	31.9	62.2	806.0
1967	55.1	126.2	208.5	18.4	20.1	-	10.7	-	-	57.4	12.4	24.3	533.1
1968	68.2	72.8	90.6	24.9	7.3	-	-	14.2	12.4	86.5	36.1	85.3	498.3
1969	37.9	28.4	116.7	22.5	14.2	-	-	-	-	97.7	88.2	x	-
1970	162.3	54.5	100.7	38.5	31.4	4.7	5.9	18.8	38.5	43.7	39.1	25.5	563.6
1971	76.4	82.9	170.3	31.4	-	-	-	13.6	26.7	51.5	87.1	42.6	582.5
MEDIA	98.9	102.7	137.8	66.3	17.8	1.6	2.5	5.9	22.2	62.7	49.7	63.5	631.6

## MOLLEPATA

## SENAMHI

PRECIPITACION  
( m.m.)

AÑOS	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SET	OCT	NOV	DIC	TOTAL
1963	x	x	x	x	x	x	x	x	x	42.2	56.4	65.8	-
1964	39.8	64.4	102.0	81.6	26.1	-	4.2	13.3	6.9	49.6	30.9	25.0	443.8
1965	30.4	118.4	213.7	34.2	19.8	3.0	4.2	1.2	37.2	56.6	10.8	59.0	588.5
1966	50.2	24.9	40.1	13.1	7.5	-	-	-	-	63.3	x	26.2	-
1967	95.8	147.7	109.5	42.2	11.8	-	14.8	-	-	78.1	10.6	21.1	531.6
1968	33.6	41.9	78.3	5.4	3.8	1.4	2.1	5.9	9.4	30.6	23.2	48.4	284.0
1969	12.5	39.3	149.2	57.1	-	7.1	-	-	-	39.8	85.7	84.9	475.6
1970	117.1	19.6	82.1	81.2	32.6	6.3	-	2.9	22.9	70.4	38.2	37.6	510.9
1971	43.3	87.1	198.2	61.9	6.7	13.5	7.1	-	3.2	26.7	35.9	95.2	578.8
MEDIA	52.8	67.9	121.6	47.1	13.5	3.9	4.0	2.9	10.0	50.8	36.5	51.5	462.5

P A R O N

CORPORACION PERUANA DEL SANTA

P R E C I P I T A C I O N  
( m.m.)

AÑOS	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SET	OCT	NOV	DIC	TOTAL
1953	137.1	151.1	135.0	x	x	x	x	1.5	42.8	66.9	178.5	102.1	-
1954	247.4	77.8	175.6	42.2	52.6	6.4	2.2	-	51.7	124.9	88.4	161.0	1030.2
1955	121.8	273.6	265.7	126.2	35.1	7.1	4.3	19.3	57.1	64.8	58.9	118.3	1152.2
1956	205.3	256.1	x	132.6	23.8	-	-	-	76.9	111.8	42.2	50.9	-
1957	x	206.6	145.2	121.3	212.9	89.0	-	4.3	49.1	82.9	330.5	105.1	-
1958	102.8	97.6	130.7	66.6	25.7	8.1	-	5.3	8.3	82.5	8.5	27.9	564.0
1959	68.3	x	128.2	40.3	9.8	-	-	-	15.4	118.7	43.4	126.9	-
1960	190.3	159.6	88.4	81.7	18.9	-	-	23.3	31.0	x	102.0	49.4	-
1961	211.4	89.1	199.1	84.7	17.2	1.8	-	4.5	60.3	49.3	104.4	86.5	908.3
1962	185.7	148.4	202.9	55.0	12.6	5.1	-	3.2	49.8	39.1	54.4	59.7	815.2
1963	144.9	128.8	183.5	91.5	9.6	12.2	-	4.8	42.0	55.4	157.3	159.2	989.2
1964	59.1	101.5	136.0	96.1	34.7	6.8	22.0	37.7	24.5	106.8	76.0	67.0	768.0
1965	44.4	129.9	106.6	95.0	23.6	-	8.3	7.3	92.6	86.6	50.3	136.4	791.0
1966	106.6	100.7	52.2	65.6	12.2	-	-	-	21.0	138.7	100.7	56.4	654.1
1967	170.1	172.4	159.9	50.6	29.4	1.5	14.2	22.4	26.6	109.5	52.5	34.0	843.1
1968	127.3	95.7	112.4	36.1	12.6	0.8	5.1	13.4	32.2	85.6	38.3	77.7	637.2
1969	82.1	78.5	157.4	55.6	13.3	7.4	-	15.1	x	x	x	x	-
1970	135.8	112.7	22.8	91.8	8.7	x	x	x	62.5	92.9	77.5	91.9	-
1971	109.6	153.2	250.4	99.8	12.2	4.6	2.4	28.8	51.4	97.2	87.1	126.2	1022.9
MEDIA	136.1	140.7	147.3	79.6	31.4	8.9	3.4	10.6	44.2	89.0	91.7	90.9	873.8

PUNTA-MOJON

CORPORACION PERUANA DEL SANTA

PRECIPITACION  
( m.m.)

AÑOS	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SET	OCT	NOV	DIC	TOTAL
1953	122.1	283.6	123.9	x	x	x	x	1.8	51.6	80.1	135.3	108.1	-
1954	142.3	77.1	145.8	54.6	-	-	-	-	36.4	39.4	38.2	30.3	564.1
1955	78.9	238.8	227.8	66.8	41.3	-	-	-	23.0	35.8	26.1	77.7	816.2
1956	133.6	85.0	x	139.7	59.5	-	-	21.2	-	26.1	-	-	-
1957	x	31.5	80.1	x	4.2	-	-	-	16.4	85.0	15.7	21.2	-
1958	115.6	109.3	175.9	30.3	21.2	-	-	-	-	60.1	9.1	47.8	569.3
1959	32.2	x	242.9	153.6	82.0	-	-	-	-	49.2	-	225.3	-
1960	138.5	145.8	120.2	132.4	27.9	-	-	-	13.3	39.4	65.6	27.3	710.4
1961	154.3	100.2	126.9	132.4	33.4	1.8	-	-	25.5	12.1	130.3	167.0	883.6
1962	111.7	136.6	297.0	82.0	20.0	-	-	-	14.5	38.2	27.3	66.8	794.1
1963	108.1	232.6	182.2	159.1	0.0	-	-	-	-	1.8	97.2	100.2	881.2
1964	16.4	225.3	188.3	93.5	35.8	-	-	3.0	7.9	6.0	93.5	12.8	682.5
1965	69.8	113.6	151.8	72.2	6.0	-	12.1	-	16.4	12.1	6.0	57.7	517.7
1966	115.4	99.0	71.0	29.3	7.2	-	-	-	15.8	113.8	10.9	37.7	500.1
1967	83.8	231.4	250.9	53.5	20.6	-	6.7	-	7.9	120.9	18.2	31.6	825.5
1968	87.5	49.8	125.1	2.4	-	-	-	12.8	4.9	46.8	29.8	35.9	395.0
1969	27.9	86.3	111.2	62.0	-	-	-	4.9	-	28.0	65.6	x	-
1970	152.5	95.4	72.9	105.1	48.6	4.9	-	1.8	51.6	38.9	43.7	74.1	689.5
1971	60.8	140.9	161.0	46.8	-	-	-	12.2	3.0	18.8	17.0	150.7	611.2
MEDIA	97.3	137.9	158.6	83.3	22.6	0.4	1.0	3.0	15.2	44.9	43.7	70.7	678.6

QUITACUCHA

CORPORACION PERUANA DEL SANTA

PRECIPITACION  
( m.m. )

AÑOS	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SET	OCT	NOV	DIC	TOTAL
1953	211.8	211.5	87.3	x	x	x	x	-	54.9	29.0	90.0	56.3	-
1954	263.3	126.3	44.9	29.8	13.4	0.6	-	-	11.8	60.6	53.7	48.6	652.9
1955	19.1	235.3	190.5	99.0	14.0	-	0.5	1.7	8.6	42.6	53.1	92.4	756.7
1956	154.3	220.6	x	90.6	10.7	-	-	0.9	19.6	50.6	-	-	-
1957	x	215.8	235.9	92.7	2.1	-	-	9.0	39.4	59.9	22.8	58.4	736.0
1958	154.3	x	x	x	5.6	-	-	-	1.0	x	x	x	-
MEDIA	160.6	201.9	139.6	78.0	9.2	0.1	0.1	1.9	22.6	48.5	43.9	51.1	757.5

LMC/gvv.



RECUAY

SENAMHI

PRECIPITACION

( mm. )

AÑOS	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SET	OCT	NOV	DIC	TOTAL
1964	x	80.9	208.8	85.5	36.2	x	x	x	x	x	x	x	-
1965	x	x	x	x	x	x	x	x	28.1	87.2	40.6	122.3	-
1966	85.5	95.5	47.6	42.7	24.7	-	-	-	12.3	107.4	52.2	70.1	538.0
1967	117.1	195.0	143.4	58.0	24.1	5.2	16.0	11.2	35.5	136.2	35.2	59.1	837.5
1968	73.7	83.1	110.6	21.9	46.6	-	-	21.8	25.2	89.8	33.8	14.8	521.3
1969	43.5	93.7	92.4	64.6	12.4	1.0	-	11.0	9.9	62.3	89.5	128.4	608.7
1970	126.9	59.4	86.9	133.5	42.9	6.0	-	14.3	94.9	172.5	209.7	182.3	1129.3
1971	64.5	93.1	200.1	45.9	-	3.9	-	16.0	18.4	61.3	58.8	123.0	685.0
MEDIA	85.2	100.1	127.1	64.6	26.7	2.7	2.7	12.4	32.0	102.4	74.3	100.0	730.2

TEMPERATURA MEDIA

( °C. )

AÑOS	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SET	OCT	NOV	DIC	AÑO
1964	x	11.2	12.0	11.4	11.4	x	9.6	10.3	9.0	10.9	11.4	10.6	-
1965	11.7	12.9	11.4	10.7	13.3	10.3	9.9	10.6	12.1	12.4	11.8	11.9	11.6
1966	12.7	12.4	11.9	12.2	11.6	9.9	10.4	11.1	11.9	11.5	11.9	11.2	11.6
1967	11.7	11.1	10.8	11.7	11.4	9.9	9.6	10.9	11.2	11.7	11.0	11.6	11.0
1968	11.6	11.5	11.2	10.8	10.8	10.4	10.0	10.8	11.4	11.7	11.4	12.2	11.2
1969	12.6	12.6	12.7	12.6	12.1	11.0	10.9	11.0	12.3	12.3	12.1	12.0	12.0
1970	11.8	12.5	12.3	x	x	x	10.0	10.4	11.2	11.5	11.6	11.3	-
1971	11.4	10.6	10.8	11.0	10.6	10.3	10.3	x	x	x	x	x	-
MEDIA	11.9	11.8	11.6	11.5	11.6	10.3	10.1	10.7	11.3	11.7	11.6	11.5	11.3

RECUAY

SENAMHI

TEMPERATURA MAXIMA MEDIA  
( °C.)

AÑOS	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SET	OCT	NOV	DIC	AÑO
1964	x	17.1	17.9	17.2	18.3	x	17.7	15.9	17.5	17.6	17.8	17.2	-
1965	16.8	18.8	18.7	18.8	19.4	19.8	18.8	19.4	19.0	19.2	19.0	18.7	18.9
1966	18.8	18.5	18.3	19.4	19.4	19.5	20.3	20.3	20.3	17.4	18.6	17.6	19.0
1967	17.2	16.1	16.0	17.6	18.7	19.0	18.3	19.2	19.1	17.9	18.6	18.7	18.0
1968	18.6	17.3	16.9	18.6	18.8	19.3	19.1	19.5	19.7	19.7	19.6	20.3	19.0
1969	19.9	18.9	18.5	18.8	20.3	19.8	19.8	19.9	20.9	20.4	18.6	18.2	19.5
1970	16.8	19.4	18.4	18.4	18.3	18.9	19.5	20.4	19.0	20.2	19.8	19.1	19.0
1971	18.1	16.7	16.4	17.9	19.4	19.5	20.6	x	x	x	x	x	-
MEDIA	18.0	17.8	17.6	18.3	19.1	19.4	19.3	19.2	19.4	18.9	18.9	18.5	18.7

TEMPERATURA MINIMA MEDIA  
( °C.)

AÑOS	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SET	OCT	NOV	DIC	AÑO
1964	x	5.3	6.1	5.6	4.4	x	1.6	3.3	4.0	4.2	4.7	3.9	-
1965	8.1	6.0	4.2	3.0	2.3	0.8	1.4	1.9	5.2	5.7	4.7	5.1	4.0
1966	6.6	6.3	5.6	5.0	3.9	0.2	0.5	1.9	3.5	5.6	5.1	4.8	4.1
1967	6.2	6.1	5.5	5.8	4.0	0.9	0.9	2.6	3.3	5.6	3.4	4.6	4.1
1968	4.6	5.6	5.5	1.7	2.9	1.4	0.7	2.1	3.1	3.9	3.2	4.1	3.2
1969	5.3	6.3	6.8	6.4	4.0	2.2	2.1	2.0	3.6	4.2	5.7	5.9	4.5
1970	6.7	5.6	5.5	x	x	x	0.6	0.4	3.5	2.8	3.3	3.5	-
1971	4.7	4.4	5.2	4.0	1.8	1.0	0.0	x	x	x	x	x	-
MEDIA	6.0	5.7	5.6	4.5	3.3	1.1	1.0	2.0	3.7	4.6	4.3	4.6	3.9

## RINCONADA

## HACIENDA RINCONADA

PRECIPITACION  
( mm. )

AÑOS	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SET	OCT	NOV	DIC	TOTAL
1956	2.0	-	1.1	0.8	-	0.5	4.8	4.1	-	-	-	-	13.4
1957	0.4	1.9	0.4	-	-	-	-	-	-	-	-	1.0	3.7
1958	0.3	-	-	-	0.3	0.1	-	1.5	0.4	-	0.6	-	3.2
1959	0.4	-	0.4	-	-	1.1	-	0.3	0.4	-	-	-	2.6
1960	-	-	-	-	-	-	-	-	-	-	-	-	-
MEDIA	0.6	0.4	0.4	0.2	0.1	0.3	1.0	1.2	0.2	0.0	0.1	0.2	4.7

TEMPERATURA MEDIA  
( °C. )

AÑOS	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SET	OCT	NOV	DIC	TOTAL
1956	23.2	24.5	24.5	22.2	20.5	20.0	19.0	19.7	20.2	20.4	20.4	22.0	21.4
1957	23.5	26.6	27.2	26.9	25.7	23.6	23.3	22.4	20.3	21.2	22.2	23.5	23.9
1958	26.3	26.9	28.1	25.9	23.9	21.4	19.6	18.0	20.0	20.4	21.1	24.3	23.0
1959	23.5	26.3	26.0	24.4	22.3	19.9	19.8	18.6	19.7	21.5	x	x	-
1960	23.5	25.5	26.1	24.7	22.3	20.3	18.3	18.6	18.4	19.1	20.5	21.8	21.6
MEDIA	24.0	26.0	26.4	24.8	22.9	21.0	20.0	19.5	19.7	20.5	21.0	22.7	22.4

LMC/gvv.

## RINCONADA

## HACIENDA RINCONADA

TEMPERATURA MAXIMA MEDIA  
( °C.)

AÑOS	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SET	OCT	NOV	DIC	AÑO
1956	29.2	30.6	30.1	27.2	25.3	24.9	22.4	24.4	25.0	25.1	25.1	27.2	26.4
1957	29.4	32.6	32.5	32.4	30.9	28.0	26.6	26.9	24.2	25.8	27.0	28.0	28.7
1958	31.3	31.9	32.4	30.5	29.1	27.1	25.3	23.1	25.3	25.7	26.7	29.4	28.2
1959	30.5	30.6	30.5	29.8	27.3	24.5	24.7	23.7	24.9	27.1	x	x	-
1960	28.3	29.7	31.2	29.8	27.2	25.2	23.3	23.0	22.7	23.0	24.4	25.4	26.1
MEDIA	29.7	31.1	31.3	29.9	28.0	25.9	24.5	24.2	24.4	25.3	25.8	27.5	27.3

TEMPERATURA MINIMA MEDIA  
( °C.)

AÑOS	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SET	OCT	NOV	DIC	AÑO
1956	17.1	18.3	18.8	17.1	15.7	15.0	15.5	14.9	15.4	15.7	15.7	16.7	16.3
1957	17.5	20.6	21.8	21.3	20.4	19.2	18.9	17.9	16.3	16.6	17.4	19.0	18.9
1958	21.2	21.8	23.7	21.2	18.6	15.7	13.9	12.8	14.7	15.0	15.5	19.1	17.8
1959	16.5	21.9	21.5	18.9	17.2	15.2	14.8	13.4	14.4	15.8	-	-	-
1960	18.6	21.2	21.0	19.5	17.3	15.4	13.3	14.2	14.1	15.1	16.5	18.2	17.0
MEDIA	18.2	20.8	21.4	19.6	17.8	16.1	15.3	14.6	15.0	15.6	16.3	17.8	17.4

LMC/gvv.

## SANTIAGO DE CHUCO

SENAMHI

## PRECIPITACION

(mm.)

AÑOS	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SET	OCT	NOV	DIC	TOTAL
1965	37.0	63.0	187.0	23.0	-	-	-	-	30.0	22.2	13.2	49.0	424.4
1966	70.0	31.0	38.0	32.2	31.3	1.8	-	1.0	9.2	74.0	18.9	11.4	318.8
1967	130.7	163.6	79.8	18.9	24.3	4.6	23.3	9.3	4.5	80.8	16.9	45.9	602.6
1968	47.8	53.8	75.1	26.6	16.1	-	3.0	14.8	17.8	25.8	38.8	36.1	355.7
1969	45.8	94.3	121.3	55.0	6.4	7.2	6.8	3.8	4.5	34.2	70.4	93.2	542.9
1970	125.0	33.0	75.0	75.5	31.6	x	x	x	x	31.4	47.4	60.9	-
1971	64.4	107.7	236.3	42.9	10.7	22.7	5.8	6.2	7.0	61.3	53.5	139.8	-
1972	78.3	153.8	x	x	x	x	x	x	x	x	x	x	-
MEDIA	74.9	87.5	116.0	39.2	17.2	6.0	6.5	5.8	12.2	47.1	37.0	62.3	511.7

## TEMPERATURA MEDIA

(°C.)

AÑOS	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SET	OCT	NOV	DIC	AÑO
1966	13.2	13.7	13.6	13.5	x	x	13.2	13.4	13.6	12.3	12.2	11.1	-
1967	x	x	11.0	11.7	12.3	10.8	10.8	11.6	11.9	11.4	10.8	11.8	-
1968	11.8	10.7	10.7	11.2	11.7	11.3	12.0	12.2	12.4	12.4	12.2	12.2	11.7
1969	12.5	12.6	12.4	11.9	13.2	12.6	12.9	11.8	12.8	12.4	12.4	12.1	12.5
1970	11.6	12.9	12.6	12.9	11.8	x	x	x	x	12.8	12.1	12.7	-
1971	12.4	11.8	11.6	11.8	12.8	12.4	13.0	12.6	12.9	12.8	12.5	12.0	12.4
1972	11.8	12.0	x	x	x	x	x	x	x	x	x	x	-
MEDIA	12.2	12.3	12.0	12.2	12.5	11.8	12.4	12.3	12.7	12.3	12.0	12.0	12.2

LMC/gvv.

## SANTIAGO-DE-CHUCO

## SENAMHI

TEMPERATURA MAXIMA MEDIA  
( °C.)

AÑOS	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SET	OCT	NOV	DIC	A. R. O.
1966	18.8	19.0	19.4	18.9	19.1	19.0	19.6	20.5	19.8	17.6	17.4	16.0	18.8
1967	x	x	14.4	16.8	17.3	16.9	17.3	18.2	18.4	16.9	16.4	18.0	-
1968	17.8	16.0	15.8	16.9	17.6	17.1	17.8	17.9	18.2	18.0	17.7	17.8	17.4
1969	17.9	17.2	16.2	16.6	18.6	18.0	19.1	18.1	19.4	17.7	17.6	16.4	17.7
1970	14.9	17.5	16.9	16.8	x	x	x	x	x	x	17.2	17.7	-
1971	17.4	16.6	15.0	15.9	17.8	17.3	18.3	18.1	18.3	17.8	18.0	16.7	17.3
1972	16.4	16.6	x	x	x	x	x	x	x	x	x	x	-
MEDIA	17.2	17.2	16.3	17.0	18.1	17.7	18.4	18.6	18.8	17.6	17.4	17.1	17.6

TEMPERATURA MINIMA MEDIA  
( °C.)

AÑOS	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SET	OCT	NOV	DIC	A. R. O.
1966	7.7	8.4	7.8	8.0	x	x	6.9	6.3	7.3	6.9	7.0	6.2	-
1967	x	x	7.5	6.7	7.3	4.8	4.4	5.0	5.2	5.8	4.6	5.6	-
1968	5.7	5.4	5.4	5.7	5.9	5.5	6.3	6.5	6.7	6.8	3.4	3.7	5.6
1969	7.1	8.0	8.5	8.2	8.5	8.1	7.3	7.3	8.0	7.2	7.2	7.7	7.8
1970	8.3	8.4	8.2	9.0	x	x	x	x	x	x	7.0	7.9	-
1971	7.3	7.1	8.1	7.8	7.8	7.6	7.7	7.1	7.5	7.8	7.0	7.3	7.5
1972	7.3	7.4	x	x	x	x	x	x	x	x	x	x	-
MEDIA	7.2	7.4	7.6	7.6	7.4	6.5	6.5	6.4	6.9	6.9	6.0	6.4	6.4

SANTA

SENAMHI

TEMPERATURA MEDIA  
( °C. )

AÑOS	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SET	OCT	NOV	DIC	AÑO
1965	22.9	23.4	24.2	24.0	22.2	21.1	20.4	21.0	20.5	19.9	21.1	22.2	21.9
1966	x	24.4	24.8	23.0	21.5	19.8	18.3	17.5	18.4	19.5	20.3	22.2	-
1967	23.6	24.4	24.1	23.7	21.3	18.5	18.0	16.8	18.1	18.8	18.8	19.6	20.5
1968	23.0	23.4	22.8	20.3	17.9	17.4	18.6	19.2	20.1	20.0	21.0	21.5	20.4
1969	23.0	23.4	26.3	25.3	23.7	22.0	18.0	19.0	19.8	20.3	20.6	22.5	22.0
1970	24.6	25.5	25.8	24.9	21.9	18.1	16.3	17.4	17.3	18.9	19.2	19.8	20.8
1971	21.4	20.4	21.0	22.2	20.2	19.2	19.2	19.5	19.6	19.6	20.0	22.4	20.4
MEDIA	23.1	23.6	24.1	23.3	21.2	19.4	18.4	18.6	19.1	19.6	20.1	21.5	21.0

TEMPERATURA MAXIMA MEDIA  
( °C. )

AÑOS	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SET	OCT	NOV	DIC	AÑO
1965	28.8	29.1	30.1	29.7	27.3	26.0	24.7	25.7	24.5	24.7	25.9	27.7	27.0
1966	x	29.7	30.4	28.6	26.6	24.3	22.0	20.9	22.1	23.7	25.1	28.1	-
1967	29.7	30.6	30.1	29.9	26.6	22.4	22.0	21.1	22.9	23.6	23.8	25.5	25.7
1968	29.7	30.4	29.0	27.0	23.2	22.5	23.8	26.8	26.4	26.4	27.9	29.0	26.8
1969	30.4	33.3	33.0	32.1	30.4	28.0	24.2	25.5	26.1	27.0	27.5	30.1	29.0
1970	31.7	32.7	33.0	32.0	28.3	22.8	20.3	22.6	23.5	25.0	25.1	26.9	27.0
1971	28.9	27.2	28.1	29.0	26.9	25.8	25.8	26.3	26.1	26.1	26.8	30.3	27.3
MEDIA	29.9	30.4	30.5	29.8	27.0	24.5	23.2	24.1	24.5	25.2	26.0	28.2	26.9

LMC/gvv.

SANTA

SENAMHI

TEMPERATURA MINIMA MEDIA  
( °C.)

AÑOS	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SET	OCT	NOV	DIC	AÑO
1965	17.0	17.7	18.2	18.3	17.2	16.2	16.2	16.4	16.5	15.1	16.4	16.6	16.8
1966	x	19.2	19.2	17.4	16.5	15.3	14.6	14.1	14.7	15.2	15.5	16.4	-
1967	17.4	18.2	18.2	17.5	16.1	14.3	14.0	12.6	13.4	14.0	13.8	13.7	15.3
1968	16.2	16.5	16.6	13.6	12.6	12.2	13.5	13.5	13.7	13.7	14.1	14.1	14.2
1969	15.5	16.8	19.6	17.6	17.1	16.0	11.9	12.4	13.5	13.6	13.6	15.3	15.2
1970	17.6	18.3	18.6	17.8	15.5	13.3	12.3	12.3	11.1	12.8	13.4	12.7	14.6
1971	14.0	13.5	13.8	15.4	13.6	12.5	12.5	12.7	13.0	13.0	13.1	14.4	13.4
MEDIA	16.3	17.2	17.7	16.8	15.5	14.2	13.6	13.4	13.7	13.9	14.3	14.7	15.1

LMC/gvv.



TICAPAMPA

CORPORACION PERUANA DEL SANTA

PRECIPITACION

( m.m.)

AÑOS	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SET	OCT	NOV	DIC	TOTAL
1948	x	x	x	113.7	15.5	7.0	x	x	4.1	121.4	47.0	125.6	-
1949	12.2	83.4	140.9	128.6	4.5	-	12.0	4.1	25.8	32.4	47.8	29.4	519.7
1950	154.6	165.4	198.9	126.2	x	x	x	-	-	26.3	90.7	141.9	-
1951	x	x	x	x	x	x	x	x	x	x	x	x	-
1952	x	x	x	x	x	x	x	x	x	x	x	x	-
1953	119.4	128.3	123.0	x	x	x	x	-	39.4	56.3	157.5	44.2	-
1954	x	60.3	77.1	84.3	21.9	-	-	1.0	34.3	83.9	86.8	111.8	-
1955	85.8	150.1	206.6	58.7	45.4	2.6	-	6.2	31.8	25.3	57.8	84.2	754.3
1956	118.3	114.0	x	122.6	16.3	-	-	7.9	30.6	67.4	6.9	27.0	-
1957	x	157.3	146.4	63.5	7.4	-	-	10.7	37.3	70.6	39.9	72.7	-
1958	61.4	133.9	129.5	73.2	29.7	3.8	-	3.8	38.4	60.3	7.3	51.6	592.9
1959	35.8	x	196.0	91.8	30.8	12.1	-	14.1	41.9	96.7	15.7	115.0	-
1960	142.2	155.3	111.8	117.4	21.4	12.9	3.0	23.3	61.1	47.3	79.5	60.7	835.9
1961	98.6	97.3	124.5	90.0	53.8	7.3	-	3.4	23.4	32.7	133.5	103.6	768.1
1962	113.2	107.0	207.0	64.1	21.0	-	-	1.6	29.1	71.3	48.5	75.4	738.2
1963	152.0	113.3	226.7	105.8	11.0	-	-	-	36.5	69.8	141.7	116.6	973.4
1964	97.8	102.3	136.2	83.2	48.3	-	10.1	13.3	38.5	88.4	68.7	43.0	729.8
1965	53.7	83.9	163.2	60.1	16.3	-	-	6.0	77.1	77.4	47.4	129.4	714.5
1966	87.8	111.6	67.4	80.0	19.0	-	-	0.8	41.6	117.0	47.4	68.8	641.4
1967	151.3	162.1	139.9	77.1	39.0	61.0	20.6	14.4	21.9	121.1	36.2	40.1	829.8
1968	106.9	73.2	90.0	33.7	30.3	-	-	14.8	27.0	67.1	40.4	34.6	518.0
1969	47.2	103.4	130.6	86.3	19.9	0.4	4.8	8.7	18.5	64.3	188.1	x	-
19 70	142.8	78.9	87.0	107.3	47.8	17.6	3.0	4.7	90.1	108.4	91.5	117.8	896.9
1971	65.8	138.5	193.5	79.4	0.4	2.2	0.8	37.5	6.6	71.6	64.7	127.9	788.9
MEDIA	97.2	116.0	144.8	88.0	25.0	3.6	2.9	8.4	34.3	71.7	70.2	82.0	744.1

TOCANCA

CORPORACION PERUANA DEL SANTA

PRECIPITACION

( m.m.)

AÑOS	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SET	OCT	NOV	DIC	TOTAL
1953	183.5	304.9	204.0	166.7	x	x	x	0.5	45.2	36.9	71.1	55.6	-
1954	167.5	99.6	269.1	70.6	27.4	5.8	7.3	-	85.7	66.3	58.5	77.6	935.4
1955	86.0	238.8	0.9	43.6	19.6	-	-	4.0	25.5	37.5	9.5	69.9	535.3
1956	152.1	171.1	x	132.0	-	-	-	1.7	33.2	33.5	1.7	9.6	-
1957	x	21.7	63.9	32.3	13.6	3.9	-	7.5	18.0	43.2	40.7	48.9	316.4
1958	595.1	312.6	336.3	214.8	78.8	-	-	-	2.0	x	x	x	-
MEDIA	236.8	191.4	174.8	110.0	27.9	1.9	1.5	2.3	34.9	43.5	36.3	52.3	913.6

LMC/gvv.

YANACOCHA

CORPORACION PERUANA DEL SANTA

PRECIPITACION  
(m.m.)

AÑO	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SET	OCT	NOV	DIC	TOTAL
1953	x	281.8	129.9	x	x	x	x	3.0	54.0	89.9	151.8	96.5	-
1954	151.9	89.9	185.2	60.7	-	-	-	-	48.6	48.5	72.9	30.9	688.6
1955	117.2	273.9	264.8	82.6	48.6	-	-	-	25.5	56.5	23.6	100.8	993.5
1956	157.9	100.1	x	124.5	85.0	-	-	17.6	-	38.8	-	-	-
1957	x	30.3	120.8	157.7	17.0	-	-	-	30.3	36.4	18.2	30.3	-
1958	154.9	124.5	182.2	94.1	42.5	-	-	-	4.2	80.7	9.7	49.8	742.6
1959	40.0	x	284.3	130.6	121.5	6.0	-	-	-	80.8	-	241.1	-
1960	171.3	181.0	143.9	167.6	40.0	-	-	-	24.3	77.7	102.0	48.6	956.4
1961	139.7	120.8	188.3	113.6	71.6	-	-	-	21.8	30.3	186.5	186.5	1059.1
1962	135.4	194.4	264.8	99.0	12.1	-	-	-	23.0	44.3	37.6	74.8	885.4
1963	141.5	162.8	319.5	223.5	3.6	-	-	-	-	18.2	102.0	216.8	1187.9
1964	26.7	224.7	192.5	154.9	39.4	16.4	-	12.7	6.6	30.3	113.0	18.8	836.0
1965	112.3	136.0	218.7	25.6	15.1	-	18.2	-	41.9	36.5	16.4	65.6	686.3
1966	182.8	127.5	111.1	28.5	69.2	-	-	-	55.2	134.8	37.6	55.2	801.9
1967	121.5	226.6	378.5	49.8	37.0	-	17.0	-	12.1	179.8	27.0	50.4	1100.4
1968	99.6	74.7	145.2	14.6	6.6	-	-	21.9	17.6	79.0	62.6	29.8	551.6
1969	54.7	132.4	168.9	100.8	-	-	-	10.9	6.6	41.3	99.0	x	-
1970	230.8	118.5	133.6	119.1	52.2	7.9	-	6.1	7.3	75.3	91.7	137.3	979.8
1971	113.6	215.1	174.9	68.6	6.7	-	-	23.1	10.3	55.9	37.1	141.5	846.8
MEDIA	126.6	156.4	200.4	100.9	37.1	1.7	2.0	5.0	20.1	65.0	62.6	87.5	865.3



LMC/gvv.