

THE BUREAU OF APPLIED SOCIAL
SCIENCE, UNIVERSITY OF TORONTO
AND THE NATIONAL RESEARCH
COUNCIL OF CANADA

DEPARTMENT OF
SOCIOLOGY

STUDY
ON
COMMUNITARIAN SERVICE ORGANIZATIONS
IN
THE GREAT BRITAIN AREA

FINAL REPORT

WOLFRUM W.

DONALD F. VOYLES III

1970

Published by the Department of
Sociology, University of Toronto
in cooperation with the National
Research Council of Canada

1970
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THE REPUBLIC OF VENEZUELA
MINISTRY OF ENVIRONMENT
AND NATURAL RESOURCES
DGSPROA - LNH

JAPAN INTERNATIONAL
COOPERATION AGENCY

**STUDY
ON
COMPREHENSIVE IMPROVEMENT
OF
THE APURE RIVER BASIN**

FINAL REPORT

VOLUME V

DATA BOOK II

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STUDIES

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(As of February 17, 1993)

**STUDY ON COMPREHENSIVE IMPROVEMENT
OF
THE APURE RIVER BASIN**

FINAL REPORT

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METEOROLOGICAL DATA

- (1) Monthly Rainfall
- (2) Daily Temperature
- (3) Daily Relative Humidity
- (4) Daily Evaporation
- (5) Daily Wind Velocity
- (6) Daily Sunshine Duration

List of Meteorological Data Attached

- (1) Monthly Rainfall
- (2) Daily Temperature
- (3) Daily Relative Humidity
- (4) Daily Evaporation
- (5) Daily Wind Velocity
- (6) Daily Sunshine Duration

Monthly Rainfall

(Maximum)

Unit : mm

No.	Station Name	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Max	Remarks
1	SANTA BARBARA (3184)	51.4	52.8	194.1	355.0	386.2	790.8	550.5	479.4	458.4	451.2	346.4	168.9	790.8	1970 - 1990
2	BARINAS-AEROPUERTO (3178)	19.2	28.7	118.1	319.3	412.1	519.0	375.3	328.9	354.7	394.4	195.6	128.5	519.0	1975 - 1990
3	EL PARADERO (9060)	153.3	125.9	259.8	500.8	623.5	840.1	775.0	631.3	782.0	644.2	467.2	325.6	840.1	1974 - 1990
4	HACIENDA SAN GIUSTO (7142)	120.2	135.9	240.4	501.0	346.3	562.6	394.8	305.4	236.4	216.6	189.6	165.4	562.6	1972 - 1990
5	PASO ANGOSTURA (2227)	97.9	191.6	178.1	465.8	569.8	476.2	412.2	348.0	324.0	451.0	300.6	219.2	569.8	1968 - 1990
6	YARITAGUA-EXPERIMENTAL RODEO (1295)	42.2	57.6	65.7	284.6	295.7	498.2	300.1	222.0	191.7	153.0	280.8	73.2	498.2	1951 - 1988
7	SAN CARLOS-UNELLEZ (2311)	43.0	39.6	21.4	417.8	382.0	392.8	306.2	387.0	287.4	212.0	229.8	52.8	417.8	1981 - 1990
8	ARISMENDI (3331)	15.0	63.9	55.7	334.4	309.9	421.0	397.4	413.6	350.8	242.3	148.4	47.5	421.0	1971 - 1990
9	MESA DE CAVACAS (2281)	31.7	95.0	217.0	350.8	449.0	467.0	396.9	339.2	479.1	423.8	182.4	124.2	479.1	1978 - 1990
10	BRUZUAL (4292)	34.3	50.0	93.2	227.8	313.0	830.7	424.1	414.9	276.6	294.8	191.8	61.7	830.7	1968 - 1990

(Mean)

Unit : mm

No.	Station Name	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual	Remarks
1	SANTA BARBARA (3184)	15.4	13.3	51.2	149.4	233.1	352.7	337.3	280.5	269.8	265.1	148.7	46.7	2163.2	1970 - 1990
2	BARINAS-AEROPUERTO (3178)	3.7	8.1	40.6	143.1	239.6	244.9	226.2	178.8	192.5	193.4	104.1	28.9	1603.9	1975 - 1990
3	EL PARADERO (9060)	47.4	47.6	122.3	266.8	419.6	548.7	547.3	485.3	453.1	435.3	349.5	166.9	3889.8	1974 - 1990
4	HACIENDA SAN GIUSTO (7142)	35.3	50.8	84.6	208.3	211.2	308.9	252.5	191.1	169.1	151.3	114.1	70.4	1847.6	1972 - 1990
5	PASO ANGOSTURA (2227)	24.6	51.8	56.9	191.6	276.0	298.0	240.7	199.2	195.4	227.6	147.1	82.6	1991.5	1968 - 1990
6	YARITAGUA-EXPERIMENTAL RODEO (1295)	4.8	5.9	8.3	71.5	117.1	171.7	175.1	133.0	90.1	86.3	61.1	28.7	953.6	1951 - 1988
7	SAN CARLOS-UNELLEZ (2311)	10.2	11.0	6.5	130.1	216.7	222.6	224.1	244.5	186.8	139.9	109.6	34.8	1536.8	1981 - 1990
8	ARISMENDI (3331)	2.1	6.4	9.2	104.5	207.9	262.0	236.0	220.5	175.2	138.9	66.6	14.8	1444.1	1971 - 1990
9	MESA DE CAVACAS (2281)	9.3	23.2	37.3	155.3	249.7	276.6	268.4	230.4	227.4	229.0	108.2	33.1	1847.9	1978 - 1990
10	BRUZUAL (4292)	4.8	8.0	19.2	96.6	203.4	262.2	237.9	229.3	149.8	134.8	70.0	17.4	1433.4	1968 - 1990

(Minimum)

Unit : mm

No.	Station Name	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Min	Remarks
1	SANTA BARBARA (3184)	0.0	0.0	0.0	11.9	39.2	141.4	227.7	153.8	103.7	55.4	48.8	0.1	0.0	1970 - 1990
2	BARINAS-AEROPUERTO (3178)	0.0	0.0	0.0	14.3	92.7	121.9	67.4	77.7	95.4	87.2	22.7	1.1	0.0	1975 - 1990
3	EL PARADERO (9060)	4.9	2.2	21.5	88.0	237.7	339.3	357.0	331.8	325.3	206.8	183.6	51.1	2.2	1974 - 1990
4	HACIENDA SAN GIUSTO (7142)	0.0	6.1	3.1	52.0	99.1	159.3	116.7	89.3	86.8	101.8	31.0	9.4	0.0	1972 - 1990
5	PASO ANGOSTURA (2227)	0.0	0.0	0.0	4.6	45.2	171.6	96.4	79.7	103.4	83.4	51.9	1.4	0.0	1968 - 1990
6	YARITAGUA-EXPERIMENTAL RODEO (1295)	0.0	0.0	0.0	0.0	16.8	41.9	94.6	26.0	15.0	24.4	5.7	0.0	0.0	1951 - 1988
7	SAN CARLOS-UNELLEZ (2311)	0.0	0.0	0.0	3.6	46.0	104.9	144.0	131.7	80.0	80.6	42.6	15.5	0.0	1981 - 1990
8	ARISMENDI (3331)	0.0	0.0	0.0	0.0	80.4	140.8	0.0	56.7	92.4	42.4	12.8	0.0	0.0	1971 - 1990
9	MESA DE CAVACAS (2281)	0.0	0.0	0.8	22.0	14.6	101.4	176.5	111.4	119.5	84.0	56.7	3.5	0.0	1978 - 1990
10	BRUZUAL (4292)	0.0	0.0	0.0	1.0	65.0	92.6	144.0	108.1	47.1	43.0	0.0	0.0	0.0	1968 - 1990

- : Not Available

Daily Temperature

(Maximum)														Unit : °C	
No.	Station Name	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Max	Remarks
1	SANTA BARBARA (3184)	35.0	35.1	35.6	36.5	33.5	32.7	32.9	33.5	32.6	34.2	34.3	33.1	36.5	1970 - 1987
2	BARINAS-AEROPUERTO (3178)	34.2	34.8	35.7	34.6	33.3	31.1	30.7	31.8	32.3	32.1	32.9	33.4	35.7	1975 - 1990
3	EL PARADERO (9060)	24.9	25.9	25.6	26.3	25.3	24.1	23.1	24.1	24.8	25.9	24.3	23.5	26.3	1974 - 1990
4	HACIENDA SAN GIUSTO (7142)	27.1	27.2	27.2	27.2	26.1	25.5	26.1	25.8	26.3	27.0	26.5	26.6	27.2	1980 - 1990
5	PASO ANGOSTURA (2227)	30.0	30.7	31.2	29.7	28.0	26.9	26.9	27.3	28.3	28.4	29.4	29.2	31.2	1968 - 1988
6	YARITAGUA-EXPERIMENTAL RODEO (1295)	32.6	34.0	33.9	34.3	34.3	31.6	30.1	31.0	31.9	33.4	32.9	31.3	34.3	1961 - 1976
7	SAN CARLOS-UNELLEZ (2311)	37.6	39.5	41.0	39.7	36.1	33.7	34.6	34.0	35.4	35.8	36.5	36.8	41.0	1981 - 1990
8	ARISMENDI (3331)	35.1	36.1	36.8	36.8	33.8	32.9	31.3	31.6	32.1	33.5	33.0	34.0	36.8	1982 - 1990
9	MESA DE CAVACAS (2281)	34.9	36.1	36.8	37.9	34.5	34.4	33.6	36.0	35.4	36.0	36.5	36.9	37.9	1978 - 1990
10	BRUZUAL (4292)	34.5	40.8	36.9	36.7	34.8	33.3	33.4	33.5	32.8	33.2	33.5	33.7	40.8	1970 - 1990

(Mean)														Unit : °C	
No.	Station Name	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Mean	Remarks
1	SANTA BARBARA (3184)	26.8	27.7	28.0	27.7	26.9	25.9	25.5	26.2	26.3	26.5	26.5	26.2	26.68	1970 - 1987
2	BARINAS-AEROPUERTO (3178)	26.9	27.8	28.4	28.2	26.3	25.5	25.3	25.5	26.0	26.3	26.6	26.2	26.58	1975 - 1990
3	EL PARADERO (9060)	18.7	19.3	19.7	19.5	19.0	18.1	18.1	18.8	19.1	19.4	19.4	18.8	18.99	1974 - 1990
4	HACIENDA SAN GIUSTO (7142)	16.7	17.6	18.4	18.6	18.5	18.1	17.7	18.0	18.1	18.4	18.2	17.1	17.95	1980 - 1990
5	PASO ANGOSTURA (2227)	21.6	22.1	22.6	21.8	21.3	20.5	20.4	21.2	21.8	21.5	21.7	21.2	21.48	1968 - 1988
6	YARITAGUA-EXPERIMENTAL RODEO (1295)	25.1	25.9	26.7	26.9	26.3	25.6	25.1	25.5	25.8	26.0	25.7	25.1	25.81	1961 - 1976
7	SAN CARLOS-UNELLEZ (2311)	27.3	28.8	28.8	30.1	28.1	27.2	26.8	27.0	27.3	27.7	27.8	27.3	27.85	1981 - 1990
8	ARISMENDI (3331)	26.3	26.9	28.0	28.4	26.8	26.3	26.0	26.0	26.7	27.0	27.0	26.4	26.82	1982 - 1990
9	MESA DE CAVACAS (2281)	27.0	27.5	28.3	27.8	26.4	25.4	25.3	25.8	26.4	26.7	26.8	26.5	26.66	1978 - 1990
10	BRUZUAL (4292)	26.7	27.8	28.8	28.2	26.6	25.9	25.5	25.8	26.2	26.6	26.8	26.4	26.78	1970 - 1990

(Minimum)														Unit : °C	
No.	Station Name	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Min	Remarks
1	SANTA BARBARA (3184)	20.1	20.0	21.3	21.4	21.3	20.7	20.3	20.2	21.0	21.2	21.2	20.0	20.0	1970 - 1987
2	BARINAS-AEROPUERTO (3178)	20.0	21.1	22.4	22.9	22.3	21.5	21.1	21.1	21.3	21.8	21.9	20.6	20.0	1975 - 1990
3	EL PARADERO (9060)	15.2	15.5	15.5	15.7	15.5	14.6	14.0	14.9	15.7	15.7	16.1	15.1	14.0	1974 - 1990
4	HACIENDA SAN GIUSTO (7142)	8.5	10.4	10.0	10.5	12.7	12.6	12.0	11.9	11.5	11.0	10.0	9.8	8.5	1980 - 1990
5	PASO ANGOSTURA (2227)	13.6	13.7	14.7	16.0	16.3	15.5	14.8	15.5	15.5	15.7	15.7	14.5	13.6	1968 - 1988
6	YARITAGUA-EXPERIMENTAL RODEO (1295)	18.2	19.3	19.9	21.2	21.3	21.1	20.7	20.6	20.4	20.5	20.3	18.0	18.0	1961 - 1976
7	SAN CARLOS-UNELLEZ (2311)	17.2	18.0	19.7	21.6	21.3	19.4	20.0	20.5	20.7	21.8	20.7	19.1	17.2	1981 - 1990
8	ARISMENDI (3331)	17.6	17.7	19.7	21.8	22.0	21.1	20.5	20.0	21.1	21.6	20.9	19.2	17.6	1982 - 1990
9	MESA DE CAVACAS (2281)	19.4	19.3	20.6	22.3	21.7	21.3	20.0	20.3	19.8	20.5	21.2	20.3	19.3	1978 - 1990
10	BRUZUAL (4292)	19.5	20.4	21.9	22.7	22.6	21.9	21.2	21.4	22.1	22.2	22.1	20.8	19.5	1970 - 1990

- : Not Available

Daily Relative Humidity

		(Maximum)												Unit : %	
No.	Station Name	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Max	Remarks
1	SANTA BARBARA (3184)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	BARINAS-AEROPUERTO (3178)	88	80	79	91	96	97	96	96	98	99	95	95	99	1975 - 1990
3	EL PARADERO (9060)	100	99	100	100	100	100	100	100	100	100	100	100	100	1974 - 1990
4	HACIENDA SAN GIUSTO (7142)	100	100	100	100	100	100	100	100	100	100	100	100	100	1980 - 1990
5	PASO ANGOSTURA (2227)	100	98	96	99	100	100	100	100	100	100	100	100	100	1968 - 1990
6	YARITAGUA-EXPERIMENTAL RODEO (1295)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7	SAN CARLOS-UNELLEZ (2311)	100	100	100	100	100	100	100	100	100	100	100	100	100	1981 - 1990
8	ARISMENDI (3331)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9	MESA DE CAVACAS (2281)	97	98	91	97	98	100	98	100	99	98	98	100	100	1978 - 1990
10	BRUZUAL (4292)	99	99	97	100	100	100	99	99	100	100	100	100	100	1970 - 1990

		(Mean)												Unit : %	
No.	Station Name	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Mean	Remarks
1	SANTA BARBARA (3184)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	BARINAS-AEROPUERTO (3178)	63	57	56	66	77	81	82	81	80	78	76	71	72.3	1975 - 1990
3	EL PARADERO (9060)	78	74	72	77	83	88	87	82	82	86	86	85	81.7	1974 - 1990
4	HACIENDA SAN GIUSTO (7142)	78	77	76	81	83	83	83	84	83	83	81	80	81.0	1980 - 1990
5	PASO ANGOSTURA (2227)	74	71	70	77	85	87	86	86	86	86	83	79	80.8	1968 - 1990
6	YARITAGUA-EXPERIMENTAL RODEO (1295)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7	SAN CARLOS-UNELLEZ (2311)	71	68	66	77	85	88	87	86	85	83	81	77	79.5	1981 - 1990
8	ARISMENDI (3331)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9	MESA DE CAVACAS (2281)	62	59	58	64	74	78	77	77	75	74	72	67	69.8	1978 - 1990
10	BRUZUAL (4292)	66	62	60	70	80	82	83	85	84	82	80	74	75.7	1970 - 1990

		(Minimum)												Unit : %	
No.	Station Name	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Min	Remarks
1	SANTA BARBARA (3184)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	BARINAS-AEROPUERTO (3178)	41	37	38	42	47	56	56	55	54	53	52	47	37	1975 - 1990
3	EL PARADERO (9060)	34	40	43	40	49	54	53	43	39	45	49	44	34	1974 - 1990
4	HACIENDA SAN GIUSTO (7142)	31	31	38	38	43	42	45	47	46	37	41	39	31	1980 - 1990
5	PASO ANGOSTURA (2227)	35	35	34	40	43	59	62	56	53	53	53	43	34	1968 - 1990
6	YARITAGUA-EXPERIMENTAL RODEO (1295)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7	SAN CARLOS-UNELLEZ (2311)	19	20	25	27	30	50	41	38	33	30	32	19	19	1981 - 1990
8	ARISMENDI (3331)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9	MESA DE CAVACAS (2281)	29	26	32	27	35	42	38	36	34	34	34	26	26	1978 - 1990
10	BRUZUAL (4292)	29	34	32	40	42	48	51	53	56	48	44	38	29	1970 - 1990

.. : Not Available

Daily Evaporation

(Maximum)

Unit : mm/day

No.	Station Name	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Max	Remarks
1	SANTA BARBARA (3184)	7.9	9.1	8.7	7.8	5.6	4.5	5.3	5.2	5.5	5.5	5.8	7.0	9.1	1970 - 1990
2	BARINAS-AEROPUERTO (3178)	8.5	10.0	9.9	9.5	7.6	5.7	5.3	5.8	5.8	5.9	5.9	6.8	10.0	1975 - 1990
3	EL PARADERO (9060)	4.4	5.0	4.5	4.3	3.7	3.4	4.0	4.2	4.2	4.5	3.5	3.4	5.0	1974 - 1990
4	HACIENDA SAN GIUSTO (7142)	4.5	5.4	5.4	4.7	3.6	3.3	3.4	3.0	3.5	3.8	3.4	4.1	5.4	1980 - 1990
5	PASO ANGOSTURA (2227)	5.4	6.7	6.2	5.6	4.0	4.1	3.8	4.5	4.8	4.9	4.9	4.6	6.7	1968 - 1990
6	YARITAGUA-EXPERIMENTAL RODEO (1295)	7.9	9.3	9.5	8.7	7.8	5.9	6.1	5.4	6.0	7.2	5.8	6.9	9.5	1964 - 1988
7	SAN CARLOS-UNELLEZ (2311)	6.7	7.9	9.1	8.7	6.9	5.3	5.0	5.1	5.1	4.8	5.5	5.4	9.1	1981 - 1990
8	ARISMENDI (3331)	8.2	9.4	10.6	9.8	7.5	6.2	6.5	6.7	7.0	6.8	6.0	7.4	10.6	1971 - 1990
9	MESA DE CAVACAS (2281)	7.5	9.2	8.6	8.0	7.0	4.7	4.9	4.6	4.9	4.9	5.4	5.3	9.2	1978 - 1990
10	BRUZUAL (4292)	8.7	10.3	11.0	10.0	7.1	7.1	6.7	7.4	5.4	6.3	6.2	7.1	11.0	1970 - 1990

(Mean)

Unit : mm/day

No.	Station Name	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Mean	Remarks
1	SANTA BARBARA (3184)	6.0	7.0	7.0	5.8	4.4	3.8	3.9	4.4	4.8	4.7	4.7	5.2	5.13	1970 - 1990
2	BARINAS-AEROPUERTO (3178)	7.3	8.4	8.4	7.0	5.1	4.6	4.6	5.0	5.3	5.3	5.2	5.6	5.98	1975 - 1990
3	EL PARADERO (9060)	3.2	3.6	3.3	2.9	2.8	2.4	2.8	3.3	3.5	3.4	2.9	2.8	3.08	1974 - 1990
4	HACIENDA SAN GIUSTO (7142)	3.6	4.1	4.3	3.5	2.8	2.6	2.7	2.6	2.9	2.8	2.9	3.1	3.17	1980 - 1990
5	PASO ANGOSTURA (2227)	4.1	4.8	4.8	3.9	3.0	3.0	3.1	3.4	3.5	3.6	3.5	3.6	3.68	1968 - 1990
6	YARITAGUA-EXPERIMENTAL RODEO (1295)	6.9	8.1	8.4	6.7	5.1	4.6	4.5	4.7	5.1	5.0	5.1	5.5	5.81	1964 - 1988
7	SAN CARLOS-UNELLEZ (2311)	5.9	7.2	8.0	7.0	5.2	4.6	4.6	4.7	4.8	4.6	4.9	4.9	5.53	1981 - 1990
8	ARISMENDI (3331)	6.4	7.7	8.6	7.5	5.2	4.5	4.4	4.5	4.6	4.9	5.0	5.3	5.73	1971 - 1990
9	MESA DE CAVACAS (2281)	6.1	7.1	7.3	5.6	4.5	4.0	4.2	4.2	4.6	4.4	4.5	4.7	5.10	1978 - 1990
10	BRUZUAL (4292)	7.2	8.6	8.9	7.3	5.1	4.7	4.6	4.8	4.8	5.0	5.2	5.9	5.99	1970 - 1990

(Minimum)

Unit : mm/day

No.	Station Name	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Min	Remarks
1	SANTA BARBARA (3184)	4.6	5.3	4.7	3.6	2.5	2.7	2.6	3.0	4.0	3.6	3.7	4.2	2.5	1970 - 1990
2	BARINAS-AEROPUERTO (3178)	6.1	6.2	6.3	4.8	3.4	3.9	3.8	4.2	4.4	4.1	4.5	4.4	3.4	1975 - 1990
3	EL PARADERO (9060)	1.8	2.5	1.9	1.9	1.8	1.5	1.7	2.4	2.5	2.5	2.1	2.2	1.5	1974 - 1990
4	HACIENDA SAN GIUSTO (7142)	3.1	3.2	2.6	2.2	1.9	1.8	1.9	2.1	2.4	2.0	2.4	2.4	1.8	1980 - 1990
5	PASO ANGOSTURA (2227)	2.8	2.9	2.4	2.6	1.5	2.1	2.3	2.9	2.5	2.4	2.0	2.0	1.5	1968 - 1990
6	YARITAGUA-EXPERIMENTAL RODEO (1295)	6.0	7.2	6.8	4.8	3.2	3.7	3.9	2.7	4.1	2.1	4.1	4.3	2.1	1964 - 1988
7	SAN CARLOS-UNELLEZ (2311)	5.4	6.5	7.3	4.4	4.1	4.1	4.0	4.3	4.4	4.3	4.5	4.4	4.0	1981 - 1990
8	ARISMENDI (3331)	4.8	6.2	6.8	4.8	3.3	3.5	3.2	3.4	3.6	3.8	4.3	4.6	3.2	1971 - 1990
9	MESA DE CAVACAS (2281)	5.0	5.5	5.1	3.4	3.5	3.0	3.3	3.7	4.4	3.9	4.1	4.0	3.0	1978 - 1990
10	BRUZUAL (4292)	5.4	6.1	7.2	5.5	4.0	3.2	3.4	3.6	4.0	3.8	3.8	4.8	3.2	1970 - 1990

- : Not Available

Daily Wind Velocity

(Maximum)

Unit : km/h

No.	Station Name	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Max	Remarks
1	SANTA BARBARA (3184)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	BARINAS-AEROPUERTO (3178)	56.0	56.0	51.0	59.0	73.0	67.0	86.0	87.0	82.0	81.0	72.0	50.0	87.0	1975 - 1990
3	EL PARADERO (9060)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4	HACIENDA SAN GIUSTO (7142)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	PASO ANGOSTURA (2227)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	YARITAGUA-EXPERIMENTAL RODEO (1295)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7	SAN CARLOS-UNELLEZ (2311)	49.0	54.0	49.0	54.0	62.0	62.0	67.0	75.0	58.0	55.0	70.0	40.0	75.0	1981 - 1990
8	ARISMENDI (3331)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9	MESA DE CAVACAS (2281)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10	BRUZUAL (4292)	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(Mean)

Unit : km/h

No.	Station Name	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Mean	Remarks
1	SANTA BARBARA (3184)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	BARINAS-AEROPUERTO (3178)	8.6	9.8	9.5	9.1	8.0	7.3	7.6	7.2	7.7	7.3	8.3	8.1	8.21	1975 - 1990
3	EL PARADERO (9060)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4	HACIENDA SAN GIUSTO (7142)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	PASO ANGOSTURA (2227)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	YARITAGUA-EXPERIMENTAL RODEO (1295)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7	SAN CARLOS-UNELLEZ (2311)	3.9	4.6	4.7	4.4	3.8	3.6	3.2	3.5	3.1	3.0	3.0	3.1	3.66	1981 - 1990
8	ARISMENDI (3331)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9	MESA DE CAVACAS (2281)	4.1	4.7	5.1	4.9	4.7	3.6	3.2	3.1	3.3	3.6	3.3	3.5	3.93	1980 - 1990
10	BRUZUAL (4292)	10.3	11.5	11.0	9.0	6.6	6.3	6.4	5.7	5.5	5.6	6.7	8.9	7.79	1985 - 1990

(Minimum)

Unit : km/h

No.	Station Name	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Min	Remarks
1	SANTA BARBARA (3184)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	BARINAS-AEROPUERTO (3178)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	EL PARADERO (9060)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4	HACIENDA SAN GIUSTO (7142)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	PASO ANGOSTURA (2227)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	YARITAGUA-EXPERIMENTAL RODEO (1295)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7	SAN CARLOS-UNELLEZ (2311)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8	ARISMENDI (3331)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9	MESA DE CAVACAS (2281)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10	BRUZUAL (4292)	-	-	-	-	-	-	-	-	-	-	-	-	-	-

- : Not Available

Daily Sunshine Duration

		(Maximum)												Unit : hrs/day	
No.	Station Name	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Max	Remarks
1	SANTA BARBARA (3184)	8.5	8.2	6.8	5.5	5.4	4.3	4.4	6.5	5.9	6.2	6.9	7.7	8.5	1973 - 1990
2	BARINAS-AEROPUERTO (3178)	9.3	9.4	7.6	6.3	6.3	5.7	6.6	7.5	7.3	7.0	8.2	8.9	9.4	1975 - 1990
3	EL PARADERO (9060)	6.7	5.8	4.8	4.6	4.1	3.9	4.7	4.2	5.1	4.9	5.4	5.6	6.7	1974 - 1990
4	HACIENDA SAN GIUSTO (7142)	6.8	7.0	6.6	4.1	3.6	3.3	5.0	4.3	5.1	5.0	4.7	6.6	7.0	1980 - 1990
5	PASO ANGOSTURA (2227)	9.0	8.1	7.4	6.2	5.9	5.2	5.7	6.8	6.6	7.0	7.5	7.7	9.0	1969 - 1990
6	YARITAGUA-EXPERIMENTAL RODEO (1295)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7	SAN CARLOS-UNELLEZ (2311)	8.9	8.7	8.3	6.8	7.6	6.0	6.4	6.5	7.1	6.3	7.7	8.3	8.9	1981 - 1990
8	ARISMENDI (3331)	9.1	8.7	8.5	6.7	7.0	5.3	5.7	6.4	6.4	7.3	8.4	8.7	9.1	1979 - 1990
9	MESA DE CAVACAS (2281)	8.8	8.8	7.2	5.4	5.4	4.9	5.9	6.8	6.9	6.5	7.9	7.8	8.8	1978 - 1990
10	BRUZUAL (4292)	10.1	10.3	9.2	7.3	7.0	6.3	6.8	6.6	6.8	7.6	8.8	9.7	10.3	1970 - 1990

		(Mean)												Unit : hrs/day	
No.	Station Name	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Mean	Remarks
1	SANTA BARBARA (3184)	6.9	6.3	4.8	3.6	3.6	3.2	3.6	4.4	4.8	5.1	5.5	6.1	4.83	1973 - 1990
2	BARINAS-AEROPUERTO (3178)	7.9	7.3	5.7	4.5	4.6	4.5	5.2	5.9	6.3	6.3	7.0	7.3	6.04	1975 - 1990
3	EL PARADERO (9060)	4.7	4.0	3.1	2.8	2.9	2.4	2.8	3.4	4.0	4.3	3.8	3.5	3.47	1974 - 1990
4	HACIENDA SAN GIUSTO (7142)	5.6	5.4	4.7	2.5	2.7	2.6	3.6	3.6	3.7	3.5	3.6	5.3	3.90	1980 - 1990
5	PASO ANGOSTURA (2227)	6.7	6.6	5.6	3.9	3.3	3.3	4.4	4.9	5.0	5.1	5.7	5.8	5.03	1969 - 1990
6	YARITAGUA-EXPERIMENTAL RODEO (1295)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7	SAN CARLOS-UNELLEZ (2311)	7.7	7.6	7.2	5.1	5.1	5.0	5.3	5.8	6.0	5.9	7.0	7.4	6.26	1981 - 1990
8	ARISMENDI (3331)	8.2	7.8	7.3	5.4	4.8	4.1	4.8	5.5	5.5	6.3	7.3	7.8	6.23	1979 - 1990
9	MESA DE CAVACAS (2281)	7.1	6.3	4.8	3.4	3.5	3.3	4.4	5.5	5.5	5.4	6.2	6.3	5.13	1978 - 1990
10	BRUZUAL (4292)	8.9	8.8	7.4	5.6	4.9	4.5	5.2	5.3	5.7	6.5	7.8	8.4	6.58	1970 - 1990

		(Minimum)												Unit : hrs/day	
No.	Station Name	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Min	Remarks
1	SANTA BARBARA (3184)	5.1	4.3	2.7	2.3	2.3	2.3	2.1	2.5	2.9	3.7	4.4	4.9	2.1	1973 - 1990
2	BARINAS-AEROPUERTO (3178)	6.3	5.3	2.9	2.6	3.2	3.0	3.8	4.6	5.5	5.4	5.9	5.8	2.6	1975 - 1990
3	EL PARADERO (9060)	2.0	1.4	0.9	1.4	1.8	1.1	1.1	0.5	2.5	3.4	2.2	1.8	0.5	1974 - 1990
4	HACIENDA SAN GIUSTO (7142)	4.4	3.8	2.4	1.1	1.9	1.3	2.2	2.6	2.6	2.5	0.5	3.1	0.5	1980 - 1990
5	PASO ANGOSTURA (2227)	4.8	4.7	3.0	1.5	1.3	2.0	2.2	4.1	3.5	3.8	4.4	3.8	1.3	1969 - 1990
6	YARITAGUA-EXPERIMENTAL RODEO (1295)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7	SAN CARLOS-UNELLEZ (2311)	6.7	6.3	6.1	3.3	3.4	4.1	4.5	5.1	5.0	5.1	6.1	6.5	3.3	1981 - 1990
8	ARISMENDI (3331)	7.4	7.0	4.9	4.1	3.4	1.4	4.1	4.8	4.2	4.5	6.4	7.2	1.4	1979 - 1990
9	MESA DE CAVACAS (2281)	5.3	3.7	2.3	0.5	2.0	1.5	2.5	4.7	4.2	4.3	5.2	5.0	0.5	1978 - 1990
10	BRUZUAL (4292)	7.1	6.6	4.9	3.0	3.3	3.2	3.7	4.4	4.5	4.8	6.6	7.5	3.0	1970 - 1990

- : Not Available

DATA - D2

**MONTHLY RAINFALL OF REPRESENTATIVE
GAUGING STATIONS**

List of Stations

Order	Station No.	Name	Order	Station No.	Name
(1)	491	LAS DOS BOCAS	(32)	4037	SAN CRISTOBAL-ESTANQUE
(2)	2166	EL JARILLO	(33)	4058	LAS COLORADAS
(3)	2378	CAN-O BENITO	(34)	4292	BRUZUAL
(4)	2404	MAWUARE	(35)	4296	MANTECAL
(5)	2426	LA YEGUERA	(36)	4302	EL SAMAN DE APURE
(6)	2427	HATO PARADERO	(37)	4303	ACHAGUAS
(7)	2431	RIO VERDE	(38)	4406	SAN JUAN DE PAYARA
(8)	2448	ORTIZ	(39)	9006	SAN VICENTE-REVANCHA
(9)	2492	GUARDATINAJAS	(40)	1297	EL RODEO-EXPERIMENT OCCIDENTE
(10)	3030	GUARAQUE-LA QUINTA	(41)	1373	NIRGUA
(11)	3072	MUCUBAJI	(42)	4090	EL NULA
(12)	3087	EL CELOSO	(43)	4140	LA PORFIA
(13)	3120	PEN-A LARGA-ZONA	(44)	4175	LA VICTORIA
(14)	3126	BARINITAS	(45)	2208	MAPORAL
(15)	3133	MUCUCHACHI	(46)	2221	CUZ MACHADERA
(16)	3173	SAN SILVESTRE	(47)	4194	EL AMPARO
(17)	3185	CURBATI	(48)	4294	MATA DE CUBARRO
(18)	3186	PEDRAZA LA VIEJA	(49)	6360	PASO UAQUIRA
(19)	3189	MAPORALITO	(50)	2231	CASPITO
(20)	3191	BUM-BUM	(51)	2246	HACIENDA CAMBURITO
(21)	3214	PUERTO LAS ANIMAS	(52)	2260	POTRERITOS
(22)	3254	MIJAGUAL	(53)	2261	CHABASQUEN
(23)	2170	GUAFAS	(54)	2266	OSPINO-LA ESTACION
(24)	2196	LAS MESITAS	(55)	2286	HACIENDA SAN RAFAEL
(25)	3283	SANTA LUCIA	(56)	2308	VALLECITO
(26)	3304	HATO LAS BABAS	(57)	2316	TINAQUILLO
(27)	3309	EL BAUL-CARRETERA	(58)	2331	SAN RAFAEL DE ONOTO
(28)	3331	ARISMENDI	(59)	2336	TINACO
(29)	3332	JOBALITO	(60)	2349	EL PAO-OFICINA
(30)	3403	LOS NARANJOS	(61)	2364	LAS VEGAS-CHARCOTE
(31)	3454	COROZO-PANDO			

(1) Station : LAS DOS BOCAS

YEAR	MONTHLY RAINFALL												TOTAL
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1967	0.0	0.0	0.0	129.8	165.0	168.6	352.2	181.4	104.6	293.3	120.4	66.4	1581.7
1968	1.3	21.3	3.6	72.1	135.9	223.5	164.3	198.6	123.6	201.0	44.4	38.8	1228.4
1969	40.5	44.0	3.7	195.1	102.1	253.1	249.3	228.4	85.0	256.8	201.9	71.3	1731.2
1970	11.6	1.6	22.8	97.8	180.6	321.0	222.4	289.8	202.9	147.1	80.8	209.1	1787.5
1971	5.0	4.8	13.7	148.7	225.3	210.8	254.9	214.4	255.4	96.9	276.0	2.7	1708.6
1972	21.4	21.6	28.5	107.8	165.8	132.0	265.4	178.9	56.5	211.9	102.8	77.6	1370.2
1973	0.0	0.0	14.1	102.2	54.8	140.5	209.5	299.9	207.6	253.0	185.9	35.9	1503.4
1974	37.7	25.3	4.0	0.4	164.6	117.8	215.0	233.2	155.5	203.1	119.2	14.6	1290.4
1975	7.9	2.4	3.8	44.4	45.2	75.8	67.6	141.1	191.9	558.4	254.0	128.3	1520.8
1976	30.2	2.7	24.2	46.5	303.7	158.8	229.4	39.8	179.3	316.6	114.4	23.3	1468.9
1977	1.3	3.0	9.2	17.5	135.4	329.0	212.3	272.4	86.8	144.0	128.3	2.0	1341.2
1978	29.1	0.0	9.8	122.0	284.7	374.4	248.6	248.9	138.4	166.6	191.7	37.3	1851.5
1979	0.0	0.0	47.4	113.4	104.7	170.3	191.6	192.5	143.1	188.0	138.9	46.9	1336.8
1980	6.7	0.0	0.0	157.5	231.5	136.4	221.0	167.7	95.2	123.5	79.0	9.9	1228.4
1981	6.7	78.2	18.1	283.3	274.8	123.8	140.0	204.8	311.5	141.8	175.8	69.7	1828.5
1982	16.7	10.8	6.5	186.5	284.4	100.6	89.4	189.3	25.0	327.3	40.3	38.6	1315.4
1983	9.5	0.0	0.0	150.6	184.5	186.8	250.4	21.8	286.1	384.8	97.7	53.0	1625.2
1984	38.3	17.3	0.1	90.0	30.3	271.5	184.0	279.4	206.7	130.7	177.7	28.4	1454.4
1985	0.0	5.8	35.4	148.6	179.0	158.7	221.2	363.6	159.0	128.6	150.7	37.6	1588.2
1986	4.2	10.7	14.7	40.7	232.1	191.7	164.5	244.2	219.0	51.8	153.0	32.3	1358.9
1987	11.3	0.0	16.3	11.6	163.6	103.3	160.0	234.7	219.4	146.6	124.5	39.8	1231.1
1988	0.0	12.5	0.2	8.3	4.9	274.7	255.1	118.5	234.6	117.8	164.2	0.0	1190.8
1989	15.8	22.0	0.0	8.4	72.9	234.8	90.8	117.2	260.9	150.1	158.5	0.0	1131.4
1990	32.0	30.4	74.5	14.7	148.4	213.7	305.3	188.9	228.0	125.8	118.3	35.3	1515.3
AVE	13.6	13.1	14.6	95.7	161.4	191.7	206.8	202.1	174.0	202.7	141.6	45.8	1466.2
MAX	40.5	78.2	74.5	283.3	303.7	374.4	352.2	363.6	311.5	558.4	276.0	209.1	3225.4
MIN	0.0	0.0	0.0	0.4	4.9	75.8	67.6	21.8	25.0	51.8	40.3	0.0	287.6

(2) Station : EL JARILLO

YEAR	MONTHLY RAINFALL												TOTAL
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1967	24.3	3.7	34.6	159.1	72.4	-	386.7	89.0	54.2	115.1	33.2	59.7	1032.0
1968	16.2	19.1	15.5	171.3	66.6	154.3	197.4	83.4	110.3	107.5	43.7	47.3	1032.6
1969	17.8	36.8	11.6	168.0	64.1	134.9	76.6	80.1	83.6	144.1	84.8	42.0	944.4
1970	17.6	54.5	35.7	124.0	27.4	157.2	108.3	100.6	99.4	126.0	23.4	78.4	952.5
1971	26.3	38.2	26.1	55.5	144.9	135.0	136.2	96.1	112.8	50.6	101.3	46.3	969.3
1972	95.8	42.1	87.5	229.3	95.2	197.4	195.8	126.3	57.6	69.9	124.2	58.4	1379.5
1973	24.1	8.9	43.5	48.9	85.9	126.2	158.6	70.5	96.2	104.8	98.3	33.0	898.9
1974	35.1	56.7	73.3	85.9	101.6	109.3	93.1	97.4	84.9	87.7	50.6	3.7	879.3
1975	28.2	28.7	95.1	55.0	93.3	105.9	62.1	52.5	60.1	114.1	60.9	56.0	811.9
1976	6.8	55.8	74.2	115.3	77.2	194.5	259.1	88.6	71.9	151.4	59.0	37.4	1191.2
1977	6.8	0.9	23.5	52.1	96.2	166.1	84.2	235.8	111.9	37.8	43.8	7.9	867.0
1978	17.2	6.6	35.8	178.3	117.2	157.2	172.4	59.9	88.3	55.9	76.0	50.2	1015.0
1979	9.1	6.8	69.0	67.8	86.4	138.5	122.1	95.2	89.3	118.4	124.3	87.1	1014.0
1980	27.6	20.4	10.9	133.7	97.7	156.8	143.0	98.9	57.0	136.0	49.7	20.9	952.6
1981	1.2	106.2	21.4	208.8	90.1	494.9	81.9	111.9	163.1	84.9	69.9	40.8	1475.1
1982	3.5	77.3	25.6	126.1	108.0	210.6	155.1	123.1	88.3	27.5	57.5	42.0	1044.6
1983	53.5	20.7	29.0	30.2	281.7	92.7	117.4	43.2	108.6	72.1	23.9	63.2	936.2
1984	21.7	27.5	10.5	35.5	77.5	168.1	75.9	68.9	74.1	68.4	66.3	6.3	700.7
1985	0.3	9.8	177.2	44.9	122.3	101.3	92.9	137.0	106.8	152.3	48.9	63.6	1057.3
1986	16.8	4.3	22.1	69.4	133.1	187.5	132.2	155.6	91.6	116.2	40.5	29.0	998.3
1987	0.0	0.0	0.0	47.3	111.0	45.6	150.4	112.5	112.6	105.0	41.3	0.0	725.7
1988	0.2	11.7	24.7	68.4	25.5	150.4	142.6	108.8	112.1	142.4	86.8	37.4	911.0
1989	15.7	26.5	67.5	24.9	86.5	71.3	142.2	39.6	99.9	73.0	64.8	15.3	727.2
1990	22.6	34.4	112.8	240.3	335.7	166.1	141.4	146.7	83.1	71.6	60.0	63.0	1477.7
AVE	20.4	29.1	47.0	105.8	108.2	157.5	142.8	100.9	92.4	97.2	63.9	41.2	1006.3
MAX	95.8	106.2	177.2	240.3	335.7	494.9	386.7	235.8	163.1	152.3	124.3	87.1	2599.4
MIN	0.0	0.0	0.0	24.9	25.5	45.6	62.1	39.6	54.2	27.5	23.4	0.0	302.8

(3) Station : CAN-O BENITO
(2378)

MONTHLY RAINFALL													(Unit : mm)
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
1967	5.2	0.0	4.6	39.3	117.9	90.6	393.9	192.1	106.5	121.1	43.1	10.2	1124.5
1968	0.0	16.6	21.2	46.8	116.3	175.6	254.8	204.1	233.7	36.2	28.6	22.1	1156.0
1969	0.2	65.2	3.2	143.5	309.2	247.9	345.1	255.1	121.8	169.9	54.8	12.3	1728.2
1970	4.8	10.6	0.0	67.2	116.6	249.7	345.7	401.2	237.2	-	79.0	110.9	1622.9
1971	17.0	9.3	1.8	56.9	66.9	18.8	-	415.9	115.2	114.7	79.0	6.1	901.6
1972	18.8	9.0	149.0	31.1	285.7	279.8	220.2	258.6	163.9	35.8	38.5	31.9	1522.3
1973	0.0	0.0	1.0	58.5	74.5	190.5	221.0	218.6	256.2	78.7	37.0	3.2	1139.2
1974	0.7	15.8	0.0	6.1	152.7	189.2	278.9	171.0	187.8	145.4	55.9	2.6	1206.1
1975	0.1	0.0	12.4	41.9	102.3	177.3	173.0	176.6	142.8	134.3	41.1	114.3	1116.1
1976	3.2	0.2	2.7	188.4	300.6	248.3	228.2	78.7	63.8	292.2	119.2	11.5	1537.0
1977	0.6	0.0	31.0	9.5	95.0	190.2	173.6	264.0	159.9	77.8	77.2	1.2	1080.0
1978	0.0	0.3	34.6	123.4	153.3	214.2	175.8	374.1	113.9	46.2	108.8	21.8	1366.4
1979	0.0	0.0	15.4	169.1	186.6	377.2	196.7	145.8	189.0	84.1	44.6	33.8	1442.3
1980	0.6	0.0	3.8	64.6	200.8	194.2	212.5	129.1	172.1	83.4	103.3	3.4	1167.8
1981	0.0	25.2	9.0	65.7	285.1	138.3	337.6	257.6	177.3	183.0	18.8	24.4	1522.0
1982	19.6	17.1	4.2	111.3	384.8	142.8	179.0	131.1	203.7	90.2	70.3	2.1	1356.2
1983	10.7	1.3	0.3	110.2	259.6	306.4	163.2	168.8	75.5	121.2	38.3	16.0	1271.5
1984	39.5	11.3	0.0	19.1	93.5	219.6	206.6	237.5	71.9	53.6	122.7	3.1	1078.4
1985	0.0	0.2	2.4	62.4	127.8	55.0	193.6	71.7	143.7	83.0	125.8	10.1	875.7
1986	0.0	5.8	2.8	87.2	208.2	129.3	180.5	172.1	195.8	213.1	78.3	34.2	1307.3
1987	18.6	0.0	20.8	5.2	299.7	193.1	207.1	126.1	160.7	62.3	113.5	0.0	1207.1
1988	0.0	1.2	0.0	19.0	11.4	305.7	141.4	248.4	87.9	93.9	42.4	10.0	961.3
1989	0.0	0.0	0.0	-	71.0	204.3	111.9	133.1	107.3	148.0	45.4	7.8	828.8
1990	3.1	5.6	0.4	5.2	179.2	278.7	213.8	142.4	56.0	83.0	46.0	4.4	1017.8
AVE	5.9	8.1	13.4	66.6	174.9	200.7	224.1	207.2	147.7	110.9	67.2	20.7	1247.4
MAX	39.5	65.2	149.0	188.4	384.8	377.2	393.9	415.9	256.2	292.2	125.8	114.3	2802.4
MIN	0.0	0.0	0.0	5.2	11.4	18.8	111.9	71.7	56.0	35.8	18.8	0.0	329.6

(4) Station : MAWUARE
(2404)

MONTHLY RAINFALL													(Unit : mm)
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
1967	8.6	0.2	8.3	78.5	144.5	199.6	172.1	189.8	87.2	110.6	79.4	29.7	1108.5
1968	11.0	13.2	0.8	172.6	124.5	145.6	151.5	203.2	150.2	112.2	21.4	28.8	1135.0
1969	90.9	35.8	18.1	89.1	205.8	281.9	189.2	199.3	192.1	245.3	172.1	122.1	1841.7
1970	8.8	0.9	18.5	68.8	152.5	235.9	202.2	213.9	97.0	106.6	99.3	1299.1	
1971	0.7	5.6	9.2	154.5	212.0	180.1	177.6	309.2	219.6	88.4	119.5	34.1	1510.5
1972	25.9	45.1	31.5	93.4	247.6	115.7	116.2	152.1	153.2	53.7	107.3	29.2	1170.9
1973	4.4	0.0	30.9	76.5	72.2	98.4	110.8	203.1	164.4	186.9	210.0	17.6	1175.2
1974	15.3	3.6	15.0	28.6	135.6	52.6	279.5	182.9	126.1	187.0	38.9	30.3	1095.4
1975	0.4	21.3	0.6	104.1	225.3	109.7	92.9	184.1	221.2	273.0	182.0	124.9	1539.5
1976	0.3	5.0	51.8	123.9	178.1	189.7	170.3	98.6	132.2	129.5	-	109.2	1188.6
1977	1.0	0.0	48.6	4.9	70.3	205.4	83.4	187.6	68.2	110.1	157.3	0.6	937.4
1978	16.5	0.0	19.8	180.9	282.2	278.1	99.1	84.7	86.5	172.2	93.2	17.5	1330.7
1979	1.9	0.0	96.6	128.2	100.3	155.3	10.2	118.6	245.3	83.3	172.2	45.5	1157.4
1980	0.1	0.0	0.0	27.7	286.2	136.3	178.6	323.9	86.8	84.3	115.8	1.9	1241.6
1981	2.5	43.0	4.2	108.2	146.6	69.1	190.9	140.0	237.5	112.0	53.3	42.0	1149.3
1982	50.0	26.5	56.7	268.2	124.6	118.4	85.9	92.4	173.7	192.2	109.1	30.1	1327.8
1983	5.8	0.0	0.1	129.1	304.1	124.7	20.8	227.1	77.8	17.5	75.1	26.2	1008.3
1984	72.2	5.6	0.8	17.8	55.3	186.2	228.5	164.8	111.9	81.9	60.4	21.8	1007.2
1985	0.0	1.9	23.5	15.6	132.9	121.9	133.6	159.6	105.8	137.8	39.4	75.9	947.9
1986	0.9	3.2	4.4	37.9	120.1	187.8	84.0	124.4	113.8	115.1	58.7	24.4	874.7
1987	9.1	0.0	42.0	29.8	236.5	117.1	103.1	236.5	236.9	195.2	98.1	10.0	1314.3
1988	0.0	6.3	0.0	17.0	142.0	247.5	88.4	252.2	285.8	193.1	116.3	26.0	1374.6
1989	1.3	47.3	1.3	-	151.5	44.1	178.5	157.0	132.4	118.0	102.1	18.6	952.1
1990	29.5	20.7	23.3	-	200.4	218.0	95.5	287.1	53.6	293.1	62.2	61.5	1344.9
AVE	14.9	11.9	21.1	88.9	168.8	159.1	135.1	187.2	148.3	141.1	102.2	42.8	1221.4
MAX	90.9	47.3	96.6	268.2	304.1	281.9	279.5	323.9	285.8	293.1	210.0	124.9	2606.2
MIN	0.0	0.0	0.0	4.9	55.3	44.1	10.2	84.7	53.6	17.5	21.4	0.6	292.3

(5) Station : LA YEGUERA
(2426)

YEAR	MONTHLY RAINFALL												TOTAL
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1967	0.9	0.0	0.0	153.8	60.4	204.0	219.5	201.5	77.5	127.4	11.7	11.0	1067.7
1968	0.0	0.4	1.6	149.4	137.3	252.5	169.8	139.5	226.9	87.0	10.8	1.9	1177.1
1969	0.0	17.0	53.1	163.3	244.8	318.5	394.8	284.9	84.8	181.5	133.8	18.2	1894.7
1970	17.7	8.1	1.9	18.9	290.6	182.7	243.4	329.8	85.7	127.8	78.1	36.3	1421.0
1971	0.0	0.7	0.0	113.9	223.6	82.7	112.9	129.6	224.4	54.2	52.1	3.8	997.9
1972	11.8	0.0	77.9	130.6	25.3	87.0	120.1	65.2	135.6	116.1	21.6	2.7	793.9
1973	0.0	0.0	0.0	108.7	25.1	102.1	77.1	139.3	147.2	140.8	52.6	21.4	814.3
1974	0.8	0.0	0.0	-	64.8	50.0	217.7	364.9	147.3	77.2	31.5	9.4	963.6
1975	2.1	0.0	0.0	0.2	129.2	218.0	82.7	347.0	168.7	111.3	42.1	48.0	1149.3
1976	2.0	0.0	0.4	43.8	139.7	191.4	246.9	205.3	126.5	224.1	17.4	4.4	1201.9
1977	0.0	0.0	11.6	0.2	158.5	173.0	107.1	160.0	140.7	41.6	74.2	0.1	867.0
1978	0.0	0.0	0.0	134.6	258.7	238.7	115.1	300.4	48.9	199.6	48.9	0.0	1344.9
1979	0.0	0.0	68.2	55.1	113.9	305.0	-	320.1	150.1	52.0	115.0	25.1	1204.5
1980	0.0	0.0	0.0	-	131.7	365.6	272.0	92.5	190.6	-	74.2	0.0	1126.6
1981	0.0	0.0	0.0	105.5	168.0	222.3	-	218.9	165.5	-	170.1	0.0	1050.3
1982	0.0	0.0	0.0	100.7	62.9	357.0	83.3	143.8	53.1	64.9	6.8	1.5	874.0
1983	5.1	0.0	0.7	173.9	50.9	2.7	263.9	233.9	61.1	200.5	17.4	6.0	1016.1
1984	6.9	1.4	0.0	0.4	6.7	69.4	185.0	139.7	71.0	154.7	112.0	2.7	749.9
1985	0.0	0.0	0.0	114.0	116.1	151.9	53.2	228.3	260.3	0.3	212.5	12.3	1148.9
1986	0.0	0.0	0.0	14.5	188.0	171.9	135.7	127.7	25.3	-	99.7	21.7	784.5
1987	4.0	0.0	0.7	10.2	186.7	220.5	71.4	168.1	122.9	198.1	184.6	0.5	1167.7
1988	0.0	0.0	0.0	-	66.3	175.9	169.2	209.6	297.8	148.5	51.1	23.2	1141.6
1989	0.0	0.0	0.0	1.5	139.2	157.5	276.4	123.7	175.9	81.0	143.5	0.0	1098.7
1990	2.1	20.3	0.0	-	86.4	171.1	267.8	208.6	171.9	55.6	81.9	2.7	1068.4
AVE	2.2	2.0	9.0	79.7	128.1	186.3	176.6	203.4	140.0	116.4	76.8	10.5	1131.1
MAX	17.7	20.3	77.9	173.9	290.6	365.6	394.8	364.9	297.8	224.1	212.5	48.0	2488.1
MIN	0.0	0.0	0.0	0.2	6.7	2.7	53.2	65.2	25.3	0.3	6.8	0.0	160.4

(6) Station : HATO PARADERO
(2427)

YEAR	MONTHLY RAINFALL												TOTAL
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1967	0.1	0.0	0.0	41.7	118.8	22.6	400.5	137.2	136.2	126.7	16.6	3.7	1004.1
1968	4.8	0.9	4.8	81.0	147.8	260.8	133.1	146.7	100.1	63.7	4.2	11.5	959.4
1969	4.6	15.2	1.0	117.6	215.8	371.7	186.7	305.0	81.8	215.9	49.2	87.9	1652.4
1970	14.5	2.6	10.0	47.7	179.3	242.1	228.9	372.2	79.6	112.1	130.5	55.7	1475.2
1971	1.5	0.0	2.7	51.4	143.4	129.8	112.6	189.8	228.6	83.1	27.0	6.2	976.1
1972	11.5	3.9	85.2	57.9	169.9	144.2	81.1	116.9	264.2	145.3	46.5	17.7	1144.3
1973	0.0	0.0	0.0	76.6	41.9	108.8	69.1	155.9	156.1	124.0	73.6	5.7	811.7
1974	0.3	0.0	0.0	0.8	122.4	51.7	215.0	213.1	193.5	66.2	20.8	7.1	890.9
1975	0.0	0.0	0.9	18.3	108.7	157.3	77.8	285.5	180.0	137.5	84.6	81.7	1132.3
1976	0.2	1.2	0.4	117.9	147.2	170.4	224.0	168.4	66.2	237.2	16.3	7.8	1157.2
1977	0.8	0.0	19.8	1.8	125.2	164.7	73.8	224.5	45.3	135.9	116.5	4.2	912.5
1978	14.3	1.0	0.0	71.7	286.8	180.0	188.4	269.8	107.8	135.6	84.6	9.7	1349.7
1979	0.0	0.0	0.0	115.1	60.2	234.7	157.2	111.9	124.1	109.6	22.3	6.5	941.6
1980	12.6	0.0	0.0	20.1	199.5	130.3	142.8	84.5	85.0	35.9	19.5	1.7	731.9
1981	1.5	13.9	13.6	193.2	143.8	75.6	235.5	136.1	309.2	28.6	35.4	16.3	1202.7
1982	6.0	1.2	3.0	99.7	247.9	27.8	64.3	69.1	128.4	56.1	45.0	0.8	749.3
1983	9.5	0.5	0.0	118.9	55.2	260.5	99.0	187.4	40.7	62.3	-	0.0	834.0
1984	1.6	1.1	0.0	53.2	19.7	116.6	217.8	121.1	33.1	102.1	97.5	19.9	783.7
1985	0.0	0.0	0.0	10.3	78.7	125.1	105.5	154.6	187.6	90.7	-	19.6	772.1
1986	0.1	1.0	13.9	-	90.9	99.3	9.0	153.8	92.5	29.9	87.5	15.8	593.7
1987	1.6	0.0	20.2	38.4	198.3	92.4	62.8	92.8	130.1	7.2	161.1	1.0	805.9
1988	0.0	0.0	0.0	3.0	84.8	219.8	101.7	163.1	95.2	231.5	155.7	4.6	1059.4
1989	0.3	0.0	0.0	-	99.9	127.5	136.1	80.0	92.3	54.4	66.3	0.0	656.8
1990	5.3	4.0	2.5	6.2	115.2	246.6	335.2	102.1	89.2	5.3	119.8	0.7	1032.1
AVE	3.8	1.9	7.4	61.0	133.4	156.7	152.4	168.4	126.9	99.9	67.3	16.1	995.2
MAX	14.5	15.2	85.2	193.2	286.8	371.7	400.5	372.2	309.2	237.2	161.1	87.9	2534.7
MIN	0.0	0.0	0.0	0.8	19.7	22.6	9.0	69.1	33.1	5.3	4.2	0.0	163.8

(7) Station : RIO VERDE
(2431)

MONTHLY RAINFALL													(Unit : mm)
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
1967	2.2	0.5	0.6	141.2	63.7	124.0	178.8	154.1	189.0	209.4	35.5	0.0	1099.0
1968	1.4	1.6	0.3	77.1	256.8	176.5	234.7	182.7	108.4	78.4	2.9	0.0	1120.8
1969	0.0	19.4	0.0	154.2	283.4	367.0	154.8	376.3	114.1	176.3	153.6	20.7	1819.8
1970	6.8	0.7	0.5	78.0	170.4	321.0	201.3	278.6	116.1	95.5	74.2	90.9	1434.0
1971	1.7	5.4	2.1	183.3	152.0	107.9	103.9	190.5	115.5	50.6	77.6	6.4	996.9
1972	11.9	1.3	29.8	79.5	161.3	106.6	96.8	102.2	189.3	194.5	70.6	11.5	1055.3
1973	0.0	0.0	0.0	40.8	59.7	138.1	145.9	125.7	283.4	123.7	145.8	9.3	1072.4
1974	0.4	0.0	0.0	0.5	117.2	104.0	199.9	269.9	168.3	126.5	51.2	7.4	1045.3
1975	0.0	0.3	0.0	32.0	259.4	157.3	118.0	257.7	201.3	140.6	84.8	56.2	1307.6
1976	16.4	9.3	0.2	107.6	171.7	205.8	187.0	112.0	77.2	186.7	41.2	17.0	1132.1
1977	0.0	0.0	4.6	0.4	72.9	179.6	84.9	183.6	66.9	93.2	94.0	1.0	781.1
1978	21.3	0.0	0.5	109.0	178.8	260.3	98.4	152.0	95.4	55.9	-	0.0	971.6
1979	0.0	0.0	35.7	142.1	113.4	226.8	186.9	152.4	101.6	78.9	52.7	8.6	1099.1
1980	0.0	0.0	0.0	32.7	272.4	178.3	273.4	176.1	147.9	72.3	50.6	20.9	1224.6
1981	1.4	13.9	1.0	-	-	108.0	178.0	152.1	254.0	2.1	4.5	29.7	744.7
1982	0.0	0.0	0.0	-	157.8	127.9	139.0	177.7	81.7	99.1	5.8	30.1	819.1
1983	41.8	1.0	0.0	107.1	203.2	307.7	205.8	146.6	132.7	138.2	14.2	1.0	1299.3
1984	0.0	4.0	0.0	88.9	43.0	165.0	270.6	149.9	123.4	114.0	96.9	1.3	1057.0
1985	0.0	0.0	0.0	77.5	125.3	158.2	295.2	-	-	-	-	0.0	656.2
1986	0.0	7.1	0.0	47.0	214.0	190.7	137.3	158.4	235.1	6.3	24.8	20.7	1041.4
1987	0.8	0.0	21.1	5.9	179.3	90.9	205.7	177.1	118.0	253.3	164.9	1.3	1218.3
1988	0.0	0.0	0.0	6.1	-	209.2	242.8	121.6	202.8	310.1	40.6	32.7	1165.9
1989	0.0	0.0	0.0	-	99.9	265.9	125.2	190.5	366.5	103.1	13.6	0.0	1164.7
1990	3.0	4.0	0.1	-	185.4	238.0	229.1	291.6	68.8	73.2	38.6	2.8	1134.6
AVE	4.5	2.9	4.0	75.5	161.0	188.1	178.9	186.1	154.7	121.0	60.8	15.4	1152.8
MAX	41.8	19.4	35.7	183.3	283.4	367.0	295.2	376.3	366.5	310.1	164.9	90.9	2534.5
MIN	0.0	0.0	0.0	0.4	43.0	90.9	84.9	102.2	66.9	2.1	2.9	0.0	393.3

(8) Station : ORTIZ
(2448)

MONTHLY RAINFALL													(Unit : mm)
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
1967	3.8	0.2	4.8	77.6	27.2	67.7	318.0	23.0	167.3	81.3	38.8	6.3	816.0
1968	0.6	0.0	0.1	23.8	190.2	216.6	151.7	145.5	169.8	65.8	25.4	22.0	1011.5
1969	0.0	30.2	9.4	161.6	221.9	457.2	143.5	341.8	106.0	279.4	49.5	50.8	1851.3
1970	10.3	0.3	6.2	20.6	161.8	183.1	264.3	264.6	75.6	192.2	19.5	23.0	1221.5
1971	4.9	0.0	0.0	72.1	121.2	118.3	156.9	105.7	226.3	68.9	29.2	0.3	903.8
1972	10.3	2.3	76.5	64.4	76.1	151.5	159.7	64.9	239.0	126.5	29.3	2.4	1002.9
1973	0.0	0.0	0.0	56.2	25.7	32.9	75.3	178.2	239.8	124.1	97.4	0.0	829.6
1974	0.9	1.9	0.0	-	120.5	60.1	182.1	152.9	204.2	98.0	33.3	0.7	854.6
1975	2.1	0.0	0.0	0.2	129.2	218.0	82.7	347.0	168.7	111.3	42.1	48.0	1149.3
1976	0.0	0.0	0.5	39.1	109.1	236.1	181.1	165.0	103.6	194.7	52.7	13.2	1095.1
1977	0.0	0.3	0.0	-	92.9	139.2	132.2	155.2	84.1	62.6	99.0	0.0	765.5
1978	1.5	0.0	0.0	79.2	156.2	254.8	100.9	162.9	100.3	153.5	32.4	33.8	1075.5
1979	0.0	0.0	0.0	22.1	202.7	241.4	-	331.2	248.5	169.2	36.1	9.3	1260.5
1980	0.3	0.0	0.0	103.2	175.7	112.8	204.5	115.7	264.1	58.4	72.5	0.6	1107.8
1981	9.8	32.0	0.5	154.7	138.7	219.3	189.6	170.6	202.9	43.4	14.5	9.0	1185.0
1982	15.8	0.5	0.0	211.1	189.5	111.6	127.9	86.4	140.7	107.7	4.8	0.5	996.5
1983	5.6	0.0	0.0	165.8	15.8	326.3	65.0	125.2	59.5	146.9	7.7	11.4	929.2
1984	1.7	0.2	0.0	22.2	2.2	210.8	167.1	202.4	7.1	215.5	91.0	2.9	923.1
1985	0.0	0.0	0.0	48.1	52.0	200.7	98.8	201.6	135.4	126.7	31.4	33.1	927.8
1986	7.5	0.0	0.0	50.8	80.0	76.8	144.5	-	314.5	201.4	25.4	12.2	913.1
1987	0.0	0.0	0.0	26.0	192.0	179.9	187.1	107.7	56.2	49.1	255.5	2.1	1055.6
1988	0.0	5.3	0.0	-	73.7	148.4	171.9	454.9	251.5	146.7	31.0	31.9	1315.3
1989	0.0	0.0	0.0	-	127.1	150.4	157.4	139.5	153.3	93.7	34.5	0.4	856.3
1990	1.2	10.0	1.1	32.0	114.3	101.6	524.4	320.8	135.0	56.7	88.3	10.2	1395.6
AVE	3.2	3.5	4.1	71.5	116.5	175.6	173.3	189.7	160.6	123.9	51.7	13.5	1087.1
MAX	15.8	32.0	76.5	211.1	221.9	457.2	524.4	454.9	314.5	279.4	255.5	50.8	2894.0
MIN	0.0	0.0	0.0	0.2	2.2	32.9	65.0	23.0	7.1	43.4	4.8	0.0	178.6

(9) Station : GUARDATINAJAS
(2492)

YEAR	MONTHLY RAINFALL												TOTAL
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1967	0.1	0.0	25.5	75.1	58.4	271.9	307.9	126.5	199.4	156.1	9.3	0.2	1230.4
1968	0.0	1.0	4.7	19.2	114.6	200.3	183.8	182.7	73.8	112.1	2.2	1.9	896.3
1969	0.0	29.1	0.0	56.3	208.4	293.6	34.1	511.3	123.9	257.6	29.4	54.2	1597.9
1970	0.0	0.5	0.0	57.6	107.0	229.8	211.7	312.7	137.1	79.6	38.3	76.2	1250.5
1971	0.0	0.0	0.0	189.9	152.7	113.7	137.0	183.4	91.5	99.8	130.9	10.1	1109.0
1972	5.4	0.0	2.9	87.9	74.4	101.6	123.3	109.4	98.9	95.4	36.6	4.3	740.1
1973	0.0	0.0	5.5	125.8	127.6	111.1	151.5	165.9	370.2	93.1	105.6	2.3	1258.6
1974	0.2	0.0	0.0	2.0	133.4	117.5	250.3	215.4	145.3	118.1	11.2	10.0	1003.4
1975	2.9	0.0	0.0	32.0	150.3	121.4	38.3	197.4	94.0	63.0	79.7	35.6	814.6
1976	1.6	0.0	0.0	94.0	221.0	221.4	212.7	123.7	79.5	115.6	73.5	2.0	1145.0
1977	0.0	0.0	26.5	4.7	120.5	202.6	112.8	112.8	148.6	36.3	77.5	0.0	842.3
1978	0.0	0.0	0.0	89.4	141.7	203.4	121.7	246.9	136.4	65.4	6.9	26.9	1038.7
1979	0.0	0.0	14.0	74.9	116.3	226.1	330.1	286.5	143.6	38.0	4.4	14.6	1248.5
1980	0.0	0.0	0.0	-	245.6	-	361.0	-	498.0	-	206.8	0.0	1311.4
1981	0.0	0.0	0.0	-	162.1	232.1	201.2	275.6	205.1	-	14.7	0.0	1090.8
1982	0.0	0.0	0.0	104.0	9.9	343.9	53.1	188.9	77.6	88.8	8.0	0.9	875.1
1983	4.3	0.7	11.6	163.4	40.3	172.6	1138.7	128.7	141.0	111.5	10.0	8.7	1931.5
1984	0.0	0.0	0.0	46.6	94.2	293.9	232.9	8.5	-	365.9	69.5	3.0	1114.5
1985	0.0	0.0	0.0	123.8	113.2	111.7	213.6	27.3	187.5	68.7	22.3	99.4	967.5
1986	0.0	0.0	0.1	8.7	-	147.5	8.7	143.5	176.0	148.6	33.3	8.3	674.7
1987	15.9	0.0	0.4	3.5	123.6	128.0	86.9	148.6	100.1	47.2	324.7	2.2	981.1
1988	0.0	0.0	0.0	-	82.2	224.0	166.2	68.4	170.9	100.1	37.8	35.3	884.9
1989	0.0	0.0	0.0	4.7	48.7	63.8	126.0	161.5	164.2	148.8	-	0.0	717.7
1990	2.3	6.4	0.0	-	190.4	344.5	149.6	127.9	93.0	132.8	49.4	0.5	1096.8
AVE	1.4	1.6	3.8	68.2	123.3	194.6	206.4	176.2	158.9	115.6	60.1	16.5	1126.6
MAX	15.9	29.1	26.5	189.9	245.6	344.5	1138.7	511.3	498.0	365.9	324.7	99.4	3789.5
MIN	0.0	0.0	0.0	2.0	9.9	63.8	8.7	8.5	73.8	36.3	2.2	0.0	205.2

(10) Station : GUARAQUE-LA QUINTA
(3030)

YEAR	MONTHLY RAINFALL												TOTAL
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1967	10.0	16.0	13.3	124.8	66.8	113.6	162.4	125.5	151.9	126.1	92.4	25.7	1028.5
1968	0.0	30.3	3.4	121.9	126.0	210.2	139.7	169.0	114.3	76.4	56.3	6.2	1053.7
1969	13.1	11.4	8.9	217.4	94.7	137.9	123.5	96.4	158.6	130.9	144.8	26.9	1164.5
1970	30.0	39.4	6.5	57.8	115.4	174.4	144.4	98.9	128.3	200.1	62.3	42.2	1099.7
1971	44.4	19.0	44.2	47.1	124.9	68.4	123.7	84.3	193.6	49.3	75.4	19.0	893.3
1972	71.7	14.3	57.9	225.7	142.6	132.4	89.0	73.0	78.7	141.7	86.0	19.8	1132.8
1973	0.5	0.7	6.7	71.9	104.2	1.4	122.3	159.4	195.2	68.4	94.2	37.2	862.1
1974	19.3	16.5	55.5	59.8	91.9	59.0	94.0	115.7	113.8	164.0	77.2	7.1	873.8
1975	2.5	8.7	35.3	61.4	151.1	101.8	112.5	123.8	122.8	105.0	74.6	64.5	964.0
1976	5.9	29.2	65.1	55.4	100.9	112.7	136.7	149.1	105.0	107.8	61.0	17.7	946.5
1977	3.1	0.0	33.3	110.6	73.1	155.0	120.2	109.6	83.5	109.3	90.5	2.4	890.6
1978	0.3	11.5	30.5	167.0	155.1	135.7	97.6	114.8	141.6	84.4	43.4	50.1	1032.0
1979	12.0	0.3	43.1	122.6	128.4	205.7	99.8	80.3	84.9	50.1	114.2	47.4	988.8
1980	8.0	5.4	3.5	93.4	93.1	139.7	70.4	143.9	143.6	118.9	50.2	2.0	872.1
1981	0.0	2.1	41.6	202.1	139.9	152.3	67.2	51.7	94.1	71.9	56.2	31.9	911.0
1982	21.4	12.4	12.7	188.3	139.5	139.4	125.1	91.6	169.9	173.6	56.6	16.4	1146.9
1983	6.3	6.6	23.5	120.5	196.8	85.1	189.6	131.5	116.5	81.5	20.7	25.7	1004.3
1984	6.0	6.0	0.4	27.5	94.7	122.5	96.9	139.8	138.1	31.2	40.1	41.4	744.6
1985	1.4	0.0	1.9	91.8	106.3	103.9	137.7	135.8	70.3	153.1	87.3	98.1	987.6
1986	4.8	30.5	16.1	82.4	167.1	137.5	149.0	78.9	105.7	132.4	74.1	17.8	996.3
1987	15.4	3.7	15.9	44.6	173.9	83.9	125.4	153.4	89.9	174.7	56.1	17.1	954.0
1988	0.5	31.8	5.6	76.9	64.6	261.0	126.5	172.8	183.1	135.5	114.6	61.9	1234.8
1989	45.6	5.6	0.0	4.8	113.5	89.4	144.6	71.3	170.3	199.9	100.2	16.4	961.6
1990	19.7	34.8	101.5	114.3	153.0	90.1	83.1	100.9	71.8	122.5	64.8	64.5	1021.0
AVE	14.2	14.0	26.1	103.8	121.6	125.5	120.1	115.5	126.1	117.0	74.7	31.6	990.2
MAX	71.7	39.4	101.5	225.7	196.8	261.0	189.6	172.8	195.2	200.1	144.8	98.1	1896.7
MIN	0.0	0.0	0.0	4.8	64.6	1.4	67.2	51.7	70.3	31.2	20.7	2.0	313.9

(11) Station : MUCUBAJI

YEAR	MONTHLY RAINFALL												TOTAL
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1967	8.9	1.3	13.4	158.7	75.3	133.5	199.3	99.2	96.6	66.8	14.0	37.9	904.9
1968	5.5	19.4	17.6	89.8	141.5	168.9	198.2	86.7	51.1	78.2	6.0	16.6	879.5
1969	8.9	19.7	9.3	193.3	90.0	99.6	93.1	100.2	104.1	182.9	104.3	14.7	1020.1
1970	35.5	23.5	12.7	39.6	91.3	177.3	148.0	217.0	159.9	79.8	35.2	48.9	1068.7
1971	43.4	22.5	29.3	67.4	116.0	112.4	100.2	154.6	95.4	45.9	55.4	27.1	869.6
1972	56.4	18.4	45.3	238.0	105.7	148.9	160.6	114.2	83.7	101.9	37.6	7.1	1117.8
1973	0.0	1.5	29.4	53.9	73.7	111.6	134.4	124.6	129.0	102.6	99.0	11.2	870.9
1974	18.1	15.9	32.5	77.7	122.2	71.2	97.8	75.1	108.0	81.0	46.6	0.5	746.6
1975	1.7	14.0	32.6	41.0	136.8	133.1	93.6	98.5	101.6	95.4	37.1	61.7	847.1
1976	9.1	13.3	53.3	88.3	70.4	266.1	214.1	98.8	70.6	70.3	53.6	4.0	1011.9
1977	7.6	1.1	27.5	37.3	151.3	178.8	155.4	113.4	96.5	61.8	58.9	3.3	892.9
1978	8.0	9.1	37.9	168.9	91.0	218.0	120.9	133.4	118.2	74.2	14.4	34.6	1028.6
1979	0.0	1.2	37.5	97.8	125.2	190.6	175.1	111.6	68.4	157.3	56.2	47.6	1068.5
1980	2.4	7.0	12.0	81.4	151.1	147.3	170.2	141.2	139.6	95.3	78.4	6.3	1032.2
1981	0.0	43.2	13.0	161.3	191.0	154.7	88.7	157.9	117.0	88.2	41.2	24.7	1080.9
1982	3.4	27.9	36.4	100.5	158.3	109.1	128.8	61.6	85.0	41.0	11.4	9.1	772.5
1983	6.0	15.0	41.5	145.1	172.3	153.8	152.8	79.0	89.1	63.3	15.9	6.4	940.2
1984	3.1	2.4	4.8	44.1	75.0	-	61.4	111.3	90.9	62.8	31.2	1.7	488.7
1985	0.0	6.4	2.7	72.6	106.4	129.4	-	38.5	-	292.3	47.6	24.5	720.4
1986	7.0	27.5	12.3	237.8	104.1	219.8	135.0	100.2	108.5	121.6	27.8	6.5	1108.1
1987	4.2	1.4	21.8	43.4	108.6	64.9	141.0	103.1	41.4	164.0	44.3	6.9	745.0
1988	0.7	14.6	1.6	81.0	53.1	130.3	128.9	127.7	165.9	70.1	102.8	30.2	906.9
1989	7.8	33.3	28.4	9.2	129.3	119.2	118.8	90.0	130.7	69.2	23.9	8.4	768.2
1990	21.7	23.6	72.3	162.3	135.8	186.4	89.7	120.2	57.3	79.3	66.9	46.0	1061.5
AVE	10.8	15.1	26.0	103.8	115.6	148.9	135.0	110.8	100.4	97.7	46.2	20.2	930.7
MAX	56.4	43.2	72.3	238.0	191.0	266.1	214.1	217.0	165.9	292.3	104.3	61.7	1922.3
MIN	0.0	1.1	1.6	9.2	53.1	64.9	61.4	38.5	41.4	41.0	6.0	0.5	318.7

(12) Station : EL CELOSO

YEAR	MONTHLY RAINFALL												TOTAL
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1967	8.9	1.3	13.4	158.7	75.3	133.5	199.3	99.2	96.6	66.8	14.0	37.9	904.9
1968	5.5	19.4	17.6	89.8	141.5	168.9	198.2	86.7	51.1	78.2	6.0	16.6	879.5
1969	8.1	59.2	129.0	391.3	280.5	358.2	300.1	509.8	350.0	349.0	124.6	47.5	2907.3
1970	50.5	103.6	61.8	372.0	212.0	267.5	561.8	659.6	359.4	214.1	52.2	125.6	3040.1
1971	84.5	137.8	139.8	114.2	217.7	267.8	238.6	431.8	329.0	243.2	117.6	102.2	2424.2
1972	257.9	85.3	272.1	533.5	257.2	412.7	346.1	352.3	254.6	354.6	149.7	56.4	3332.4
1973	21.5	11.5	118.0	286.4	161.6	255.6	282.0	330.5	529.8	221.9	135.3	13.8	2367.9
1974	58.2	47.9	132.6	68.0	274.3	279.4	140.5	328.4	422.0	290.6	370.2	7.6	2419.7
1975	25.3	16.4	359.0	65.5	254.8	205.0	198.2	409.0	321.5	394.4	214.8	103.4	2567.3
1976	6.3	95.0	125.2	401.9	223.0	589.9	553.0	385.3	170.7	169.4	148.9	71.8	2940.4
1977	6.4	2.0	140.8	142.7	351.5	801.6	509.6	302.4	455.2	217.9	124.5	10.3	3064.9
1978	34.1	8.9	304.9	618.7	369.2	548.4	350.3	423.6	321.6	227.0	135.6	99.8	3442.1
1979	24.4	87.3	145.1	-	365.2	569.6	482.6	398.5	306.5	402.4	247.8	124.0	3153.4
1980	17.7	35.8	29.6	376.5	438.6	487.4	400.7	643.0	560.6	312.6	223.6	36.8	3562.9
1981	0.0	118.1	240.4	240.4	878.9	540.1	257.7	432.4	419.3	209.4	150.0	120.5	3607.2
1982	12.9	182.4	72.5	474.2	464.9	487.5	368.5	327.5	443.3	194.1	90.4	33.4	3151.6
1983	21.9	114.5	42.5	697.8	377.2	579.6	377.5	487.5	389.3	271.7	137.9	68.7	3566.1
1984	37.5	76.7	131.4	95.5	310.7	413.5	490.8	491.5	265.3	298.6	52.8	85.7	2750.0
1985	0.0	27.1	365.7	99.7	263.7	280.8	401.3	846.3	293.5	227.6	170.0	134.6	3110.3
1986	32.9	70.7	189.3	171.8	828.7	414.3	466.6	360.4	520.4	483.1	114.2	22.8	3675.2
1987	26.5	79.8	188.1	261.9	8.3	527.0	616.7	375.2	391.0	348.7	140.1	17.9	2981.2
1988	2.1	13.4	21.9	191.1	261.7	335.7	368.1	430.3	555.6	350.4	250.0	65.2	2845.5
1989	16.6	101.0	39.3	135.8	157.5	205.6	504.8	354.8	441.8	509.1	158.5	5.3	2630.1
1990	32.0	107.1	338.2	427.9	410.4	675.8	443.3	451.3	316.5	346.7	188.5	129.7	3867.4
AVE	33.0	66.8	150.8	278.9	316.0	408.6	377.3	413.2	356.9	282.6	146.6	64.1	2894.6
MAX	257.9	182.4	365.7	697.8	878.9	801.6	616.7	846.3	560.6	509.1	370.2	134.6	6221.8
MIN	0.0	1.3	13.4	65.5	8.3	133.5	140.5	86.7	51.1	66.8	6.0	5.3	578.4

(13) Station : PEN-A LARGA-ZONA

(3120)

MONTHLY RAINFALL

(Unit : mm)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
1967	27.3	0.0	16.3	213.7	248.9	326.9	227.8	244.4	162.7	364.6	58.4	53.0	1944.0
1968	2.2	0.0	8.1	171.6	269.4	320.9	247.7	164.5	168.3	137.7	34.8	61.4	1586.6
1969	31.6	111.9	42.1	339.0	270.0	231.5	222.7	327.8	182.7	347.1	186.6	51.5	2344.5
1970	31.5	19.2	6.5	151.5	67.7	317.6	160.5	283.4	74.0	161.9	37.9	104.0	1415.7
1971	44.3	11.0	16.7	283.8	185.5	172.7	239.1	157.3	207.4	247.6	82.5	17.3	1665.2
1972	61.5	36.0	83.8	275.8	275.4	193.1	253.6	155.5	147.0	120.8	74.5	21.5	1698.5
1973	2.8	4.1	28.0	44.6	112.0	155.2	328.9	85.3	209.5	105.4	73.6	36.0	1185.4
1974	7.1	4.7	106.6	76.5	189.5	150.8	217.7	255.5	434.3	109.9	210.3	3.2	1766.1
1975	0.6	6.8	47.5	162.2	293.8	200.3	116.0	86.8	124.3	284.7	63.4	48.6	1435.0
1976	6.8	21.7	56.5	241.0	198.2	377.6	291.3	211.7	158.3	102.6	60.8	100.5	1827.0
1977	0.0	0.0	38.2	14.7	239.4	356.4	340.7	159.0	169.8	175.3	183.2	0.0	1676.7
1978	4.3	0.0	47.5	331.4	303.0	236.8	324.3	252.2	237.2	229.7	48.4	18.5	2033.3
1979	0.0	8.4	198.9	107.8	426.4	409.4	407.8	196.9	210.0	221.1	176.0	230.3	2593.0
1980	6.3	0.0	19.0	160.6	294.4	229.1	347.5	221.8	162.1	231.0	61.5	1.5	1734.8
1981	2.3	32.5	97.9	236.7	350.4	516.3	104.0	285.9	267.2	121.7	204.6	63.9	2283.4
1982	8.4	34.8	15.3	518.4	342.7	239.2	355.6	157.9	195.2	171.4	121.1	41.3	2201.3
1983	35.6	63.6	9.9	180.4	511.2	282.3	262.2	148.1	183.5	77.3	150.5	86.2	1990.8
1984	22.2	36.4	5.3	114.1	81.0	222.3	183.8	220.6	130.1	-	128.5	0.0	1144.3
1985	0.0	17.8	16.7	48.2	213.0	143.0	183.0	-	207.1	217.8	56.0	60.5	1163.1
1986	5.1	30.1	29.8	177.9	275.2	252.6	255.2	272.4	271.6	252.1	80.8	6.1	1908.9
1987	14.2	1.4	130.0	152.1	163.0	52.7	-	276.3	230.8	415.3	159.2	18.8	1613.8
1988	0.0	8.6	0.4	65.2	80.8	302.2	320.7	258.7	275.5	354.0	249.2	34.1	1949.4
1989	40.8	117.7	10.0	20.9	199.7	188.6	237.8	4.8	539.2	317.4	98.3	20.7	1795.9
1990	28.2	129.1	58.5	258.4	357.1	328.2	327.5	317.6	331.6	516.9	128.9	27.4	2809.4
AVE	16.0	29.0	45.4	181.1	247.8	258.6	258.9	206.3	220.0	229.7	113.7	46.1	1852.5
MAX	61.5	129.1	198.9	518.4	511.2	516.3	407.8	327.8	539.2	516.9	249.2	230.3	4206.6
MIN	0.0	0.0	0.4	14.7	67.7	52.7	104.0	4.8	74.0	77.3	34.8	0.0	430.4

(14) Station : BARINITAS

(3126)

MONTHLY RAINFALL

(Unit : mm)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
1967	44.5	1.4	65.2	413.0	205.3	340.6	325.0	217.2	157.7	382.8	302.6	34.8	2490.1
1968	48.2	1.1	24.7	355.1	303.4	552.5	353.4	235.3	268.6	282.6	45.9	27.9	2498.7
1969	79.3	88.6	185.9	211.8	207.4	333.2	161.8	390.1	283.3	694.2	237.4	158.4	3031.4
1970	30.7	73.2	23.3	176.8	170.3	401.3	319.1	492.7	150.2	420.8	200.4	93.0	2551.8
1971	81.5	48.6	81.6	151.0	299.7	169.2	124.1	436.6	188.0	233.0	145.1	97.3	2055.7
1972	218.7	189.2	442.0	511.6	356.9	193.4	286.9	309.8	392.5	281.7	172.1	124.3	3479.1
1973	30.5	3.9	47.3	206.6	148.5	209.1	269.4	265.0	310.4	427.2	113.1	69.4	2100.4
1974	21.4	53.0	65.0	163.8	156.2	205.5	217.2	288.4	349.8	177.4	210.3	2.7	1910.7
1975	34.5	45.1	146.8	130.7	297.1	147.2	178.9	207.2	305.4	477.3	128.7	47.3	2146.2
1976	49.2	28.5	206.1	491.3	289.8	588.5	355.7	201.4	171.7	257.3	70.6	94.8	2804.9
1977	0.1	0.8	109.7	127.0	524.6	260.9	403.4	317.3	172.7	373.0	153.5	20.8	2463.8
1978	19.5	5.5	91.8	334.7	355.2	569.2	369.9	603.1	514.8	289.4	307.2	131.6	3591.9
1979	0.0	1.4	166.0	328.2	475.4	434.7	357.9	280.2	410.2	320.5	505.0	197.9	3477.4
1980	6.6	4.2	6.5	327.7	287.0	390.0	520.1	250.4	284.5	508.5	145.9	24.7	2756.1
1981	1.5	239.2	68.0	453.5	654.4	587.4	216.9	384.0	438.9	307.6	257.0	12.7	3621.1
1982	9.6	204.5	132.8	378.3	622.1	275.7	321.0	148.3	335.0	195.2	168.9	120.4	2911.8
1983	40.7	18.9	29.9	553.7	337.3	590.0	261.7	403.1	120.2	259.1	123.4	115.8	2853.8
1984	48.7	71.5	12.5	132.1	163.4	379.7	264.0	432.5	320.8	273.3	197.5	36.6	2332.6
1985	3.7	7.6	72.1	244.6	436.0	211.1	206.8	349.8	301.8	94.8	502.4	97.1	2527.8
1986	73.1	14.2	76.1	251.2	412.8	447.1	360.9	298.7	504.9	340.4	244.1	100.7	3124.2
1987	26.6	131.0	124.9	165.7	251.6	231.3	292.1	207.8	224.6	371.8	209.6	5.2	2242.2
1988	1.5	12.1	11.7	156.8	191.5	366.6	307.2	533.0	299.7	486.8	192.8	69.0	2628.7
1989	59.0	157.1	36.6	80.9	324.4	206.3	456.2	487.3	342.0	382.9	125.5	121.0	2779.2
1990	50.7	74.7	245.5	266.7	569.1	442.9	343.1	513.1	373.2	429.4	393.7	96.6	3798.7
AVE	40.8	61.5	103.0	275.5	335.0	355.6	303.0	343.8	300.9	344.5	214.7	79.2	2757.4
MAX	218.7	239.2	442.0	553.7	654.4	590.0	520.1	603.1	514.8	694.2	505.0	197.9	5733.1
MIN	0.0	0.8	6.5	80.9	148.5	147.2	124.1	148.3	120.2	94.8	45.9	2.7	919.9

(15) Station : MUCUCHACHI
(3133)

MONTHLY RAINFALL													(Unit : mm)
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
1967	10.0	16.0	13.3	124.8	66.8	113.6	162.4	125.5	151.9	126.1	92.4	25.7	1028.5
1968	0.0	30.3	3.4	121.9	126.0	210.2	139.7	169.0	114.3	76.4	56.3	6.2	1053.7
1969	13.1	11.4	8.9	217.4	94.7	137.9	123.5	96.4	158.6	130.9	144.8	26.9	1164.5
1970	30.0	39.4	6.5	57.8	115.4	174.4	144.4	98.9	128.3	200.1	62.3	42.2	1099.7
1971	14.4	15.4	37.8	56.7	149.2	90.9	170.5	316.9	222.2	87.3	74.6	25.1	1261.0
1972	35.8	3.4	43.1	165.7	138.5	218.4	149.5	122.4	237.6	96.8	51.1	2.5	1264.8
1973	0.2	0.0	27.2	116.8	125.7	173.8	159.4	123.2	196.1	97.4	61.2	41.7	1122.7
1974	1.3	14.4	2.9	56.2	78.1	147.9	142.1	202.1	126.5	99.5	135.8	13.9	1020.7
1975	0.0	1.5	54.9	25.2	89.3	181.6	150.7	191.1	186.2	92.2	99.7	49.9	1122.3
1976	2.3	30.9	62.3	75.6	59.3	188.2	304.6	245.7	204.2	98.8	79.8	13.7	1365.4
1977	0.0	2.6	13.0	102.2	173.6	201.5	198.1	186.0	167.6	172.5	113.3	1.0	1331.4
1978	5.4	0.0	36.6	120.8	127.0	268.9	176.0	249.3	189.6	93.0	33.0	34.3	1333.9
1979	0.7	12.0	72.1	138.5	174.6	331.2	204.6	169.9	118.1	144.0	115.8	70.2	1551.7
1980	1.7	15.9	7.8	112.3	203.3	178.6	146.5	262.2	263.6	101.1	89.0	8.8	1390.8
1981	0.0	50.2	36.4	137.1	203.2	235.8	189.5	270.4	207.8	144.9	93.6	32.5	1601.4
1982	17.9	14.4	2.2	178.1	239.7	208.1	186.1	192.3	161.8	106.7	9.2	5.2	1321.7
1983	4.4	18.3	66.2	128.6	209.0	163.8	252.5	294.9	188.8	94.8	29.1	21.4	1471.8
1984	18.4	9.1	15.6	32.4	133.6	220.9	234.1	155.4	305.6	47.3	53.7	26.9	1253.0
1985	0.1	0.0	3.0	69.3	180.7	200.0	160.9	283.6	150.5	85.3	114.1	62.2	1309.7
1986	5.5	6.3	0.3	108.6	145.4	170.6	299.1	233.8	187.4	125.1	143.2	15.8	1441.1
1987	28.6	4.3	53.2	116.5	189.9	226.6	158.7	218.2	174.9	108.7	27.7	28.3	1335.6
1988	3.4	21.7	8.7	66.1	163.7	279.3	242.5	250.1	195.4	197.4	165.2	38.2	1631.7
1989	2.1	14.0	33.2	18.0	217.2	105.5	212.4	125.9	174.8	136.7	35.8	13.3	1088.9
1990	23.1	15.4	110.4	113.3	193.4	212.4	218.3	217.2	108.8	182.1	105.4	21.3	1521.1
AVE	9.1	14.5	30.0	102.5	149.9	193.3	188.6	200.0	180.0	118.5	82.8	26.1	1295.3
MAX	35.8	50.2	110.4	217.4	239.7	331.2	304.6	316.9	305.6	200.1	165.2	70.2	2347.3
MIN	0.0	0.0	0.3	18.0	59.3	90.9	123.5	96.4	108.8	47.3	9.2	1.0	554.7

(16) Station : SAN SILVESTRE
(3173)

MONTHLY RAINFALL													(Unit : mm)
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
1967	1.7	0.0	3.9	160.5	108.9	307.3	182.9	278.7	139.2	172.6	37.0	13.6	1406.3
1968	0.1	0.0	2.8	193.8	198.1	341.4	321.6	204.2	173.8	168.0	25.9	0.0	1629.7
1969	4.5	21.1	45.7	176.7	115.3	188.9	143.5	222.1	133.2	199.2	146.6	9.2	1406.0
1970	15.0	40.5	10.7	113.2	96.4	244.5	175.7	282.2	102.0	190.2	9.3	184.2	1463.9
1971	20.8	8.0	2.0	135.2	236.1	108.3	129.5	178.8	117.9	71.1	70.8	18.7	1097.2
1972	31.0	7.6	65.3	192.3	379.0	187.7	225.5	81.4	165.1	182.7	24.4	6.3	1548.3
1973	0.4	0.0	1.2	35.8	118.2	201.9	239.0	63.0	200.5	127.6	67.4	5.6	1060.6
1974	20.7	16.5	2.8	61.4	104.5	130.6	141.2	221.1	169.9	68.2	41.9	0.0	978.8
1975	0.2	5.3	45.4	29.4	188.2	164.9	206.8	122.1	106.8	200.5	39.0	12.4	1121.0
1976	6.7	28.5	1.0	152.4	204.0	309.2	208.5	268.3	158.9	275.8	55.6	54.1	1723.0
1977	0.0	0.0	58.2	1.4	184.8	179.0	255.2	235.2	122.3	88.2	111.4	1.0	1236.7
1978	0.0	1.5	4.3	135.7	252.7	439.6	124.0	233.0	174.3	55.2	154.1	23.3	1597.7
1979	0.0	0.7	55.8	125.0	253.9	182.1	262.2	91.5	145.7	173.2	95.1	114.9	1500.1
1980	0.0	0.0	5.6	56.8	323.6	427.4	433.4	125.5	183.8	149.7	38.0	1.2	1745.0
1981	0.0	19.1	120.5	-	605.7	250.2	122.3	168.7	318.3	139.9	93.9	21.1	1859.7
1982	2.4	4.0	0.4	234.0	214.3	229.8	376.5	88.7	82.4	105.7	102.8	23.7	1464.7
1983	1.7	0.0	6.9	130.5	363.4	183.1	186.9	385.7	217.3	129.2	16.4	30.6	1651.7
1984	25.2	1.2	0.5	22.6	171.5	212.2	267.3	214.0	233.4	72.9	82.7	9.9	1313.4
1985	0.0	7.4	11.4	46.1	250.1	131.7	69.5	221.7	78.4	146.6	54.2	16.9	1034.0
1986	0.2	0.0	7.2	157.2	109.0	279.5	224.1	256.9	82.9	227.9	38.5	0.0	1383.4
1987	0.2	10.6	116.2	62.2	96.2	96.7	308.2	207.4	102.4	179.3	95.2	21.9	1296.5
1988	0.0	6.0	0.0	34.6	54.9	267.4	268.0	167.8	207.8	155.1	118.5	11.2	1291.3
1989	1.6	54.1	3.0	1.6	245.1	176.0	319.2	189.0	136.1	122.4	34.4	3.4	1285.9
1990	0.0	13.0	53.1	31.6	218.0	200.7	86.2	204.6	172.6	203.7	113.3	18.0	1314.8
AVE	5.5	10.2	26.0	99.6	212.2	226.7	219.9	196.3	155.2	150.2	69.4	25.1	1396.2
MAX	31.0	54.1	120.5	234.0	605.7	439.6	433.4	385.7	318.3	275.8	154.1	184.2	3236.4
MIN	0.0	0.0	0.0	1.4	54.9	96.7	69.5	63.0	78.4	55.2	9.3	0.0	428.4

(17) Station : CURBATI
(3185)

YEAR	MONTHLY RAINFALL												TOTAL
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1967	44.5	1.4	65.2	413.0	205.3	340.6	325.0	217.2	157.7	382.8	302.6	34.8	2490.1
1968	48.2	1.1	24.7	355.1	303.4	552.5	353.4	235.3	268.6	282.6	45.9	27.9	2498.7
1969	79.3	88.6	185.9	211.8	207.4	333.2	161.8	390.1	283.3	694.2	237.4	158.4	3031.4
1970	28.8	81.8	56.6	87.1	102.5	226.9	232.9	331.8	154.9	240.6	82.5	64.2	1690.6
1971	73.4	45.2	17.6	126.9	181.8	155.4	187.7	465.7	230.8	194.9	124.3	103.6	1907.3
1972	136.9	45.0	288.5	350.2	243.6	184.1	188.3	245.3	295.2	266.2	86.6	193.6	2523.5
1973	30.5	3.9	47.3	206.6	148.5	209.1	269.4	265.0	310.4	427.2	113.1	69.4	2100.4
1974	13.6	65.5	26.0	78.6	350.1	126.7	151.7	214.3	256.0	121.5	165.2	6.6	1575.8
1975	8.6	16.2	71.6	31.4	254.7	113.9	152.9	190.7	215.5	367.5	146.8	58.6	1628.4
1976	10.5	17.4	118.4	322.4	208.3	478.3	237.4	229.8	92.8	136.7	65.5	36.1	1953.6
1977	11.4	5.7	50.3	40.2	433.0	247.0	405.2	212.4	182.4	196.2	85.3	3.5	1872.6
1978	14.4	2.1	37.1	164.3	259.4	458.0	141.7	235.9	363.7	149.2	250.6	23.4	2099.8
1979	0.0	11.0	150.2	172.3	414.9	464.9	192.3	176.2	196.3	374.7	229.3	157.0	2539.1
1980	2.5	3.7	2.5	129.9	332.7	421.4	292.7	158.2	259.5	226.8	81.2	12.3	1923.4
1981	3.2	105.0	135.8	299.1	611.3	399.4	185.9	206.2	198.1	262.1	181.5	25.0	2612.6
1982	15.2	28.0	36.9	448.8	293.7	157.3	321.1	197.4	216.7	188.4	107.5	93.5	2104.5
1983	18.7	25.6	28.4	324.4	437.5	395.4	168.2	293.5	119.8	228.0	130.4	49.9	2219.8
1984	16.9	36.8	4.5	124.0	160.1	246.8	158.0	272.0	218.3	142.9	192.5	3.4	1576.2
1985	0.0	0.0	45.6	114.4	351.5	117.8	172.4	263.0	127.9	269.5	93.8	55.4	1611.3
1986	13.0	23.4	8.2	125.1	189.9	34.4	347.2	225.5	343.2	159.6	57.9	3.1	1530.5
1987	5.7	5.0	94.2	88.3	124.3	151.8	256.1	182.3	164.2	340.9	182.7	18.0	1613.5
1988	0.0	24.7	20.2	82.6	189.6	264.5	293.7	384.2	200.1	453.3	233.6	33.0	2179.5
1989	4.0	112.6	9.3	85.3	225.3	242.2	309.3	153.0	326.8	163.1	122.9	129.8	1883.6
1990	36.2	33.1	127.1	179.8	315.9	224.8	313.0	281.6	172.9	217.2	299.1	40.9	2241.6
AVE	25.6	32.6	68.8	190.1	272.7	272.8	242.4	251.1	223.1	270.3	150.8	58.4	2058.7
MAX	136.9	112.6	288.5	448.8	611.3	552.5	405.2	465.7	363.7	694.2	302.6	193.6	4575.6
MIN	0.0	0.0	2.5	31.4	102.5	34.4	141.7	153.0	92.8	121.5	45.9	3.1	728.8

(18) Station : PEDRAZA LA VIEJA
(3186)

YEAR	MONTHLY RAINFALL												TOTAL
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1967	41.2	15.8	36.8	262.7	259.9	494.9	529.7	404.5	348.6	188.5	173.6	79.0	2835.2
1968	1.8	45.0	8.7	45.5	183.4	348.1	368.9	357.1	291.7	476.9	163.7	28.3	2319.1
1969	61.6	51.7	49.0	164.4	204.5	232.4	291.4	210.3	149.3	474.7	182.3	114.1	2185.7
1970	27.3	38.8	22.4	161.1	222.6	351.5	396.9	286.2	275.9	315.0	163.4	67.1	2328.2
1971	27.7	6.2	8.2	221.8	214.2	140.7	321.5	203.2	445.6	157.3	47.5	21.9	1815.8
1972	58.4	8.2	367.5	221.2	201.1	305.6	259.1	303.1	263.6	272.1	87.3	19.3	2366.5
1973	3.5	0.0	51.9	97.6	276.6	201.7	317.4	239.6	354.9	208.2	140.7	59.7	1951.8
1974	47.7	6.2	27.1	56.6	133.9	204.1	338.8	229.9	402.7	285.2	130.6	2.9	1865.7
1975	1.8	7.4	40.6	17.1	188.8	251.7	274.9	279.4	245.4	497.1	68.8	48.7	1921.7
1976	8.9	47.2	34.7	183.0	239.1	488.3	204.6	357.2	154.8	387.3	166.3	44.5	2315.9
1977	0.0	0.8	122.6	102.7	98.6	400.2	291.5	432.4	354.0	217.1	129.9	2.9	2152.7
1978	0.0	0.0	58.9	272.6	180.2	529.5	266.5	265.7	374.5	237.9	103.2	82.3	2371.3
1979	0.5	12.8	119.5	167.4	244.4	545.7	350.5	160.4	311.8	205.1	195.7	130.7	2444.5
1980	1.0	3.9	0.0	191.3	429.0	380.7	253.6	175.8	300.8	416.4	98.8	4.8	2256.1
1981	11.9	185.2	45.7	350.9	347.5	357.2	223.8	311.1	228.6	326.1	277.7	98.2	2763.9
1982	4.9	44.0	5.2	276.3	494.9	470.7	424.6	258.5	260.8	384.6	77.5	61.0	2763.0
1983	4.1	20.0	73.6	150.6	261.9	306.9	376.1	392.5	262.1	258.8	66.0	58.4	2231.0
1984	33.5	8.0	20.2	148.6	181.1	238.7	281.3	109.3	315.9	320.9	135.5	5.1	1798.1
1985	0.0	1.1	1.2	213.6	246.4	309.6	290.5	101.8	-	671.3	3.1	184.9	2023.5
1986	1.6	10.0	22.5	56.8	378.3	59.1	398.0	280.0	-	604.5	202.3	30.8	2043.9
1987	11.4	18.8	102.7	130.2	14.6	403.1	56.3	308.8	247.7	232.5	151.0	6.1	1683.2
1988	0.0	8.5	10.7	68.3	134.6	313.7	294.5	256.8	195.4	267.5	329.9	16.7	1896.6
1989	16.7	35.2	5.1	26.1	444.9	348.4	384.4	284.3	271.6	213.6	138.2	23.3	2191.8
1990	60.6	36.8	171.8	107.6	342.5	292.5	367.0	183.5	353.1	352.7	186.5	64.0	2518.6
AVE	17.8	25.5	58.6	153.9	246.8	332.3	315.1	266.3	291.3	332.1	142.5	52.3	2234.4
MAX	61.6	185.2	367.5	350.9	494.9	545.7	529.7	432.4	445.6	671.3	329.9	184.9	4599.6
MIN	0.0	0.0	0.0	17.1	14.6	59.1	56.3	101.8	149.3	157.3	3.1	2.9	561.5

(19) Station : MAPORALITO
(3189)

YEAR	MONTHLY RAINFALL												TOTAL
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1967	41.2	15.8	36.8	262.7	259.9	494.9	529.7	404.5	348.6	188.5	173.6	79.0	2835.2
1968	1.8	45.0	8.7	45.5	183.4	348.1	368.9	357.1	291.7	476.9	163.7	28.3	2319.1
1969	61.6	51.7	49.0	164.4	204.5	232.4	291.4	210.3	149.3	474.7	182.3	114.1	2185.7
1970	32.7	27.5	27.1	101.4	380.4	339.0	391.5	223.9	201.6	366.0	176.0	41.0	2308.1
1971	31.1	10.8	0.7	30.4	257.4	174.6	343.1	365.1	250.5	360.7	216.0	56.0	2096.4
1972	48.6	2.9	154.8	162.6	306.9	275.6	365.2	370.5	264.5	153.8	109.9	14.8	2230.1
1973	0.0	0.0	40.9	149.8	259.8	197.9	306.6	113.9	273.1	212.4	187.5	25.5	1767.4
1974	20.8	20.3	5.4	40.5	196.5	213.8	282.3	378.0	421.2	121.6	136.5	0.1	1837.0
1975	6.5	0.5	30.2	29.3	201.8	279.7	221.3	235.5	277.8	260.7	154.7	69.8	1767.8
1976	10.7	15.1	42.9	247.6	243.5	434.8	279.8	424.5	251.6	220.3	112.6	49.4	2332.8
1977	0.0	1.0	70.1	81.4	226.0	422.4	352.5	69.6	518.3	233.6	235.4	0.0	2210.3
1978	0.0	0.0	89.9	284.8	326.4	399.0	311.4	328.6	335.0	278.2	193.7	71.6	2618.6
1979	0.0	0.0	119.6	189.4	321.1	456.3	250.6	275.1	217.8	213.0	167.5	175.7	2386.1
1980	2.5	5.0	0.4	249.7	188.6	393.2	251.5	163.3	151.4	171.6	246.3	12.5	1836.0
1981	0.4	97.5	23.4	350.6	252.8	308.8	282.3	334.6	259.1	540.7	238.4	56.6	2745.2
1982	18.0	60.3	15.1	370.7	199.8	461.8	347.1	239.6	140.2	409.1	83.7	25.4	2370.8
1983	1.8	167.7	132.8	226.9	313.1	256.6	397.8	307.0	239.9	332.3	56.2	32.3	2464.4
1984	20.6	11.5	1.8	136.5	237.4	367.8	245.4	167.8	288.2	116.1	132.9	19.9	1745.9
1985	0.4	0.0	0.0	38.3	318.6	341.6	334.6	305.3	159.8	365.8	142.0	82.7	2089.1
1986	9.4	0.0	4.3	1.9	-	-	-	266.0	286.0	339.5	181.0	47.6	1135.7
1987	0.8	6.6	95.7	78.1	229.3	238.0	315.1	330.4	223.0	270.5	187.5	20.4	1995.4
1988	1.5	25.0	6.2	77.5	195.1	299.2	298.6	406.0	335.6	274.5	388.0	79.6	2386.8
1989	24.4	11.9	2.2	5.3	196.9	537.3	454.7	179.5	345.5	183.2	288.6	3.8	2233.3
1990	38.9	19.6	110.1	76.3	417.6	225.7	234.7	325.5	277.1	255.2	95.7	98.3	2174.7
AVE	15.6	24.8	44.5	141.7	257.3	334.7	324.2	282.6	271.1	284.1	177.1	50.2	2207.8
MAX	61.6	167.7	154.8	370.7	417.6	537.3	529.7	424.5	518.3	540.7	388.0	175.7	4286.6
MIN	0.0	0.0	0.0	1.9	183.4	174.6	221.3	69.6	140.2	116.1	56.2	0.0	963.3

(20) Station : BUM-BUM
(3191)

YEAR	MONTHLY RAINFALL												TOTAL
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1967	44.5	1.4	65.2	413.0	205.3	340.6	325.0	217.2	157.7	382.8	302.6	34.8	2490.1
1968	48.2	1.1	24.7	355.1	303.4	552.5	353.4	235.3	268.6	282.6	45.9	27.9	2498.7
1969	79.3	88.6	185.9	211.8	207.4	333.2	161.8	390.1	283.3	694.2	237.4	158.4	3031.4
1970	21.2	41.2	58.9	224.0	222.4	270.8	455.2	420.0	119.8	308.9	215.7	87.4	2445.5
1971	79.4	83.1	47.3	139.3	426.2	139.7	366.7	397.5	390.7	180.9	147.3	117.2	2515.3
1972	144.5	42.6	360.6	334.2	369.1	301.4	375.9	293.1	306.7	208.8	148.3	99.4	2984.6
1973	29.1	1.1	69.3	359.8	136.6	212.5	296.4	196.6	287.2	423.8	227.6	60.7	2300.7
1974	50.6	30.1	40.5	82.7	125.8	162.0	226.7	310.1	261.1	174.6	156.6	1.3	1622.1
1975	5.3	28.1	144.7	123.8	314.0	200.4	391.5	211.5	428.9	404.8	270.4	82.8	2606.2
1976	16.0	59.3	138.8	333.0	322.6	585.5	307.5	332.2	206.2	265.1	130.2	153.8	2850.2
1977	0.0	6.0	105.4	130.8	49.2	665.0	425.1	208.1	199.8	353.9	211.7	16.9	2371.9
1978	0.0	0.0	22.7	353.5	306.6	522.6	304.4	275.4	491.8	144.0	173.3	57.7	2652.0
1979	6.0	7.9	155.2	262.0	324.1	537.6	323.8	213.8	252.1	341.9	202.5	127.2	2754.1
1980	0.7	5.6	7.7	158.6	321.3	500.8	385.5	197.7	308.9	190.0	69.4	12.9	2159.1
1981	26.0	101.1	97.7	604.2	520.9	469.7	149.8	361.1	379.4	288.1	159.0	59.7	3216.7
1982	4.2	66.0	46.0	163.0	732.0	383.8	364.1	271.4	274.2	325.4	146.2	107.7	2884.0
1983	40.7	114.4	20.1	393.5	492.5	379.5	436.6	315.5	302.2	237.2	72.3	105.3	2909.8
1984	42.6	27.3	24.2	167.8	184.1	242.7	542.0	384.4	286.1	211.0	204.5	10.7	2327.4
1985	0.1	0.0	38.4	214.4	369.3	307.9	330.0	271.7	183.9	419.0	281.5	68.1	2484.3
1986	113.7	69.4	84.6	160.7	492.2	265.6	261.9	316.9	349.3	583.2	149.4	16.4	2863.3
1987	17.0	26.7	153.5	155.4	201.7	258.5	214.1	394.9	248.5	358.8	98.9	5.6	2133.6
1988	1.1	61.4	13.6	55.6	160.4	284.0	295.1	341.8	340.4	376.0	155.4	38.8	2123.6
1989	21.7	87.6	29.3	22.7	435.6	269.6	399.0	220.9	383.7	258.9	108.4	125.4	2362.8
1990	65.1	44.1	261.3	224.9	375.0	179.9	377.4	149.3	167.9	344.7	319.9	42.1	2551.6
AVE	35.7	41.4	91.5	235.2	316.6	348.6	336.2	288.6	286.6	323.3	176.4	67.4	2547.5
MAX	144.5	114.4	360.6	604.2	732.0	665.0	542.0	420.0	491.8	694.2	319.9	158.4	5247.0
MIN	0.0	0.0	7.7	22.7	49.2	139.7	149.8	149.3	119.8	144.0	45.9	1.3	829.4

(21) Station : PUERTO LAS ANIMAS

(3214)

MONTHLY RAINFALL

(Unit : mm)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
1967	2.3	0.0	6.4	218.0	212.3	278.7	289.0	256.6	66.5	178.7	23.9	18.9	1551.3
1968	0.0	0.0	3.5	26.3	186.7	166.0	341.4	178.6	210.5	127.4	52.9	8.1	1301.4
1969	6.4	127.4	13.4	260.0	129.5	332.6	190.2	221.6	95.6	46.0	132.9	44.0	1599.6
1970	15.1	73.3	0.4	76.5	96.6	211.7	211.4	278.0	118.0	88.9	27.2	0.0	1197.1
1971	10.3	0.7	1.3	58.5	182.4	229.6	183.7	196.8	265.4	160.6	62.0	2.6	1353.9
1972	102.7	13.4	111.3	271.1	248.8	335.1	229.4	213.3	134.2	180.6	185.1	16.0	2041.0
1973	0.0	0.0	7.9	29.7	106.7	246.5	344.2	225.6	208.2	116.1	122.1	15.4	1422.4
1974	9.5	6.5	0.0	24.7	67.7	88.9	272.5	229.6	105.2	123.3	129.2	1.4	1058.5
1975	0.0	0.2	68.3	17.2	293.3	258.4	162.2	159.1	145.4	137.4	206.9	25.9	1474.3
1976	10.2	0.0	5.5	87.2	-	417.5	235.7	183.8	199.3	76.6	87.9	106.6	1410.3
1977	0.0	0.0	24.1	0.3	287.4	375.3	338.3	211.5	148.5	132.3	72.7	1.7	1592.1
1978	4.2	0.0	64.8	153.3	281.0	340.8	181.5	216.0	313.0	285.0	68.4	12.3	1920.3
1979	0.0	0.0	96.0	50.7	203.4	230.9	237.5	153.9	66.2	130.2	108.7	92.7	1370.2
1980	0.0	0.0	32.6	130.4	255.4	248.7	365.5	221.9	176.0	226.0	74.8	3.6	1734.9
1981	0.0	26.1	13.6	335.2	423.5	269.6	137.9	225.3	277.6	133.6	81.6	26.3	1950.3
1982	4.8	0.0	0.2	182.8	122.3	57.7	493.9	173.9	100.3	116.5	150.0	61.3	1463.7
1983	5.5	6.4	9.9	175.8	411.9	321.3	188.8	285.1	128.9	-	323.0	50.2	1906.8
1984	18.3	19.8	0.0	95.4	67.3	246.4	232.1	191.3	138.5	125.0	153.0	21.8	1308.9
1985	0.0	0.0	3.5	14.5	225.0	175.6	170.6	229.9	95.3	238.1	49.1	62.1	1263.7
1986	1.4	0.4	25.1	60.5	116.1	312.0	268.4	231.8	166.5	153.5	170.1	1.1	1506.9
1987	1.4	2.9	58.7	85.2	163.5	170.8	300.0	254.7	224.8	126.8	46.2	6.7	1441.7
1988	0.0	6.1	0.0	45.9	80.8	334.8	159.6	375.0	214.3	69.8	117.0	0.0	1403.3
1989	16.6	0.0	50.9	29.9	412.0	166.0	148.0	134.0	195.4	83.9	124.7	5.1	1366.5
1990	1.0	1.8	13.7	104.6	306.7	165.9	311.7	183.6	101.0	184.2	38.9	3.4	1416.5
AVE	8.7	11.9	25.5	105.6	212.2	249.2	249.7	218.0	162.3	140.9	108.7	24.5	1517.0
MAX	102.7	127.4	111.3	335.2	423.5	417.5	493.9	375.0	313.0	285.0	323.0	106.6	3414.1
MIN	0.0	0.0	0.0	0.3	67.3	57.7	137.9	134.0	66.2	46.0	23.9	0.0	533.3

(22) Station : MJAGUAL

(3254)

MONTHLY RAINFALL

(Unit : mm)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
1967	4.6	0.0	1.8	76.5	133.8	356.9	350.1	234.1	72.1	148.6	41.4	12.7	1432.6
1968	0.0	0.0	1.7	172.2	265.9	186.7	230.9	161.5	109.4	145.8	39.7	9.0	1322.8
1969	0.0	28.4	13.1	201.3	156.4	187.8	252.2	211.6	73.2	103.0	138.4	47.8	1413.2
1970	18.5	27.9	1.8	60.9	116.6	266.5	204.8	278.2	118.0	88.9	27.2	89.6	1298.9
1971	23.1	2.0	0.0	83.5	161.0	224.6	193.1	122.1	240.5	164.3	69.9	17.7	1301.8
1972	74.4	6.9	49.2	214.0	379.5	409.0	237.6	104.2	167.5	105.8	68.8	3.7	1820.6
1973	0.0	0.0	2.4	54.8	93.9	90.6	307.4	143.0	133.1	177.3	92.7	7.4	1102.6
1974	9.4	19.2	0.0	12.3	75.0	58.7	239.8	223.4	94.8	164.2	59.4	1.9	958.1
1975	0.4	0.2	42.7	23.0	361.9	264.6	181.9	137.3	181.1	161.1	38.2	57.7	1450.1
1976	11.7	5.4	0.0	133.7	219.3	370.8	346.3	295.5	119.6	142.5	14.9	24.0	1683.7
1977	0.0	0.0	32.2	4.6	391.8	366.4	339.7	245.5	118.6	160.6	84.7	1.4	1745.5
1978	4.4	0.0	21.6	74.3	199.5	439.2	279.8	211.9	244.4	158.6	27.8	15.7	1677.2
1979	0.0	0.0	110.5	159.5	309.3	359.7	181.8	173.8	127.1	92.0	113.2	113.1	1740.0
1980	0.2	0.3	30.3	162.9	287.2	206.2	290.6	166.5	177.0	244.9	77.1	1.6	1644.8
1981	0.0	19.2	5.8	299.8	261.0	381.4	177.0	125.4	254.0	231.0	80.3	22.0	1856.9
1982	2.7	0.3	2.0	229.2	343.4	225.0	345.2	121.5	64.0	111.4	99.5	31.5	1575.7
1983	0.1	2.2	15.2	186.0	404.5	153.6	309.9	304.6	172.0	221.3	21.0	50.5	1840.9
1984	16.8	4.5	0.0	18.4	41.9	242.2	161.3	254.2	80.1	87.5	211.1	16.0	1134.0
1985	0.0	0.0	2.8	19.7	295.0	141.3	155.5	247.6	162.0	220.8	61.2	7.4	1313.3
1986	15.7	2.5	8.2	108.4	115.5	302.1	251.9	233.3	213.7	232.0	101.6	3.2	1588.1
1987	4.8	0.5	180.4	73.8	214.3	139.7	326.3	241.4	104.7	249.9	89.2	5.0	1630.0
1988	0.0	7.2	0.0	21.5	111.8	257.7	196.6	271.9	229.1	119.3	153.5	4.1	1372.7
1989	0.0	52.1	2.4	8.3	210.2	162.0	281.8	155.4	170.5	60.5	47.7	27.3	1178.2
1990	0.3	17.0	25.1	119.2	308.7	233.7	158.8	186.8	123.9	199.2	43.4	38.4	1454.5
AVE	7.8	8.2	22.9	104.9	227.4	251.1	250.0	202.1	147.9	157.9	75.1	25.4	1480.7
MAX	74.4	52.1	180.4	299.8	404.5	439.2	350.1	304.6	254.0	249.9	211.1	113.1	2933.2
MIN	0.0	0.0	0.0	4.6	41.9	58.7	155.5	104.2	64.0	60.5	14.9	1.4	505.7

(23) Station : GUAFAS

(2170)		MONTHLY RAINFALL											(Unit : mm)
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
1967	59.6	0.5	17.4	237.7	214.9	447.7	355.9	338.0	232.3	371.1	100.7	97.1	2472.9
1968	12.9	9.7	8.5	127.4	324.3	377.5	372.9	220.9	297.2	284.2	52.3	44.7	2132.5
1969	88.2	70.7	86.5	437.9	221.6	420.7	321.1	323.8	131.2	377.8	262.7	111.1	2853.3
1970	15.4	84.9	27.4	177.1	166.6	252.4	257.0	318.2	314.1	192.8	116.5	130.0	2052.4
1971	71.2	24.5	8.0	241.1	274.4	253.8	354.0	307.2	300.5	315.5	77.8	33.8	2261.8
1972	197.4	101.4	260.4	291.6	419.1	585.1	311.1	224.9	318.2	222.1	185.6	103.4	3220.3
1973	17.4	0.4	46.0	102.9	107.2	241.2	286.2	209.8	228.8	196.3	170.7	30.3	1637.2
1974	40.1	13.1	38.3	134.9	138.8	158.7	171.8	257.3	290.0	288.7	234.7	4.2	1770.6
1975	12.3	12.4	43.4	75.8	392.7	274.0	179.3	196.0	166.4	370.0	71.9	63.5	1857.7
1976	28.8	17.1	84.9	287.7	361.4	526.5	391.1	367.7	288.7	174.8	131.9	157.5	2818.1
1977	6.8	0.0	46.0	21.4	257.8	745.6	461.9	256.5	285.6	239.6	116.4	12.9	2450.5
1978	2.5	0.8	65.8	222.8	411.5	319.9	264.8	237.8	379.0	208.1	235.2	53.0	2401.2
1979	0.0	1.9	139.2	241.4	481.4	455.6	478.3	194.9	382.5	377.1	340.3	149.0	3241.6
1980	8.8	0.0	21.6	201.6	353.2	388.0	617.4	370.8	171.2	450.8	85.3	19.7	2688.4
1981	0.0	75.0	69.3	3.4	1063.6	234.6	710.1	469.9	515.2	239.4	180.9	210.7	3772.1
1982	33.5	83.5	35.5	630.5	462.6	520.9	394.4	465.7	220.6	204.9	233.0	84.6	3369.7
1983	74.6	62.8	14.6	421.8	457.4	437.7	341.9	322.3	341.7	260.8	79.1	109.9	2924.6
1984	44.7	73.9	1.0	56.3	87.0	325.2	312.3	411.4	345.9	156.6	97.4	85.2	1996.9
1985	0.0	0.0	44.8	33.0	317.4	184.8	384.8	323.1	397.0	400.1	159.5	96.6	2341.1
1986	21.6	8.6	54.1	125.8	404.2	518.8	405.3	320.3	339.1	299.9	298.3	54.2	2850.2
1987	36.1	8.6	0.0	219.3	250.6	192.3	490.9	224.5	329.6	376.8	167.6	65.7	2362.0
1988	7.4	29.3	0.0	103.5	78.9	374.3	262.3	346.9	484.3	205.6	205.3	0.0	2097.8
1989	6.2	172.7	2.5	21.3	246.9	142.5	321.5	93.1	341.4	-	224.0	134.5	1706.6
1990	46.0	55.2	37.5	125.7	-	135.2	581.9	288.0	197.5	544.2	240.9	69.0	2321.1
AVE	34.6	37.8	48.0	189.2	325.8	354.7	376.2	295.4	304.1	293.8	169.5	80.0	2509.2
MAX	197.4	172.7	260.4	630.5	1063.6	745.6	710.1	469.9	515.2	544.2	340.3	210.7	5860.6
MIN	0.0	0.0	0.0	3.4	78.9	135.2	171.8	93.1	131.2	156.6	52.3	0.0	822.5

(24) Station : LAS MESITAS

(2196)		MONTHLY RAINFALL											(Unit : mm)
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
1967	8.9	1.3	13.4	158.7	75.3	133.5	199.3	99.2	96.6	66.8	14.0	37.9	904.9
1968	5.5	19.4	17.6	89.8	141.5	168.9	198.2	86.7	51.1	78.2	6.0	16.6	879.5
1969	7.2	9.2	15.2	182.1	64.7	110.9	75.4	99.1	84.0	113.8	66.7	22.1	850.4
1970	46.2	32.2	24.8	105.2	38.7	162.7	85.0	114.9	68.2	98.5	35.5	65.6	877.5
1971	29.7	17.8	19.6	57.0	91.0	131.5	97.5	102.5	94.0	55.0	45.8	15.6	757.0
1972	100.6	14.8	84.1	272.1	104.8	154.5	156.0	138.5	76.9	64.7	66.4	19.5	1252.9
1973	0.7	7.5	12.4	84.7	79.2	106.7	153.0	87.3	97.6	68.3	96.9	12.5	806.8
1974	23.1	6.6	31.5	102.1	97.2	90.9	86.6	62.4	104.8	70.9	47.9	1.7	725.7
1975	4.9	9.8	45.7	53.8	81.0	96.3	130.6	74.4	29.1	28.5	38.6	53.6	646.3
1976	11.7	9.0	35.5	76.9	90.6	257.7	36.1	283.4	45.7	50.4	43.7	16.5	957.2
1977	2.9	0.2	44.2	44.0	111.2	160.6	182.5	86.1	87.1	-	13.9	3.6	736.3
1978	7.1	3.1	49.3	142.4	111.3	221.9	90.9	100.9	94.7	70.8	44.6	49.0	986.0
1979	0.0	1.3	51.3	113.8	86.9	149.7	187.1	108.1	46.6	59.9	92.4	82.3	979.4
1980	4.1	4.7	14.1	118.0	127.3	175.0	133.1	111.6	73.6	86.5	48.3	21.6	917.9
1981	0.3	2.3	65.5	163.0	180.8	187.5	82.4	135.9	121.0	71.3	44.4	11.3	1065.7
1982	5.0	22.5	26.4	169.9	182.5	109.3	264.9	57.2	97.5	59.4	51.7	13.8	1060.1
1983	17.2	26.9	37.4	112.2	230.2	159.1	151.0	125.4	85.9	91.6	6.2	43.1	1086.2
1984	19.5	30.3	12.6	29.1	37.5	237.6	70.4	98.4	90.6	64.6	23.1	1.7	715.4
1985	0.0	5.9	89.3	66.4	89.9	117.2	81.0	138.0	34.1	171.1	43.9	78.6	915.4
1986	4.7	20.7	35.1	173.4	99.8	166.1	130.3	143.3	103.7	103.6	45.1	19.1	1044.9
1987	0.0	0.0	0.0	65.5	120.2	73.3	159.0	100.5	66.2	96.8	29.8	0.0	711.3
1988	0.1	11.4	1.0	48.3	31.3	172.7	122.2	149.1	180.1	97.3	62.4	28.3	904.2
1989	13.4	32.3	22.0	12.5	121.3	109.5	160.1	91.1	101.2	91.2	48.7	1.8	805.1
1990	8.6	32.7	104.7	270.1	141.8	151.4	104.3	138.6	71.4	87.8	60.0	16.7	1188.1
AVE	13.4	13.4	35.5	113.0	105.7	150.2	130.7	113.9	83.4	80.3	44.8	26.4	910.6
MAX	100.6	32.7	104.7	272.1	230.2	257.7	264.9	283.4	180.1	171.1	96.9	82.3	2076.7
MIN	0.0	0.0	0.0	12.5	31.3	73.3	36.1	57.2	29.1	28.5	6.0	0.0	274.0

(25) Station : SANTA LUCIA
(3283)

MONTHLY RAINFALL													(Unit : mm)
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
1967	1.7	0.0	2.7	105.0	105.9	294.2	581.9	388.5	113.6	219.2	61.8	7.1	1881.6
1968	0.0	0.0	6.9	112.7	351.7	416.5	293.3	136.1	266.5	178.4	33.0	9.0	1804.1
1969	6.3	87.2	27.2	227.7	59.7	255.8	174.1	177.6	156.6	160.3	91.1	34.9	1458.5
1970	19.9	31.4	2.4	44.9	48.9	218.5	304.0	445.8	194.0	169.4	54.7	103.4	1637.3
1971	14.4	0.0	51.0	99.4	95.3	215.4	305.9	111.2	150.8	100.9	46.1	20.9	1211.3
1972	47.5	6.3	76.2	106.9	173.7	317.0	133.2	191.4	558.9	151.6	49.0	11.7	1823.4
1973	0.0	0.0	0.0	78.7	240.0	262.2	242.4	265.2	230.7	127.8	79.7	0.0	1526.7
1974	0.0	0.0	0.0	15.0	106.7	179.6	215.9	258.1	157.2	142.0	87.5	0.0	1162.0
1975	0.0	0.0	46.6	33.7	214.7	128.7	258.8	264.6	100.8	166.9	68.8	3.2	1286.8
1976	26.3	3.6	1.2	227.8	221.0	216.3	222.0	134.7	85.1	174.2	45.8	61.7	1419.7
1977	0.0	0.0	0.0	0.7	253.5	306.4	308.4	234.3	152.7	145.7	56.4	4.6	1462.7
1978	4.9	0.0	70.0	270.3	162.0	423.6	134.6	273.1	230.9	114.0	32.4	21.6	1737.4
1979	0.0	0.0	86.0	73.2	344.3	355.8	191.6	88.2	118.0	202.6	170.5	66.2	1696.4
1980	0.2	0.0	6.8	31.4	229.7	309.6	138.1	173.9	158.4	261.5	73.3	0.2	1383.1
1981	0.0	67.9	30.7	-	797.1	307.3	41.9	459.7	263.1	117.9	54.2	64.4	2204.2
1982	0.4	0.0	0.0	243.8	406.4	257.9	287.3	106.6	241.6	56.0	81.8	22.8	1704.6
1983	2.6	0.0	18.1	159.5	373.9	220.0	238.3	297.9	232.4	167.1	20.9	51.7	1782.4
1984	27.0	16.1	0.0	67.1	157.9	269.7	164.6	124.8	184.0	106.0	45.4	11.1	1173.7
1985	0.0	0.0	8.7	190.9	218.6	209.4	143.3	316.5	63.5	129.9	64.7	15.1	1360.6
1986	0.0	0.0	0.0	53.9	136.0	356.2	256.8	290.9	-	-	108.4	3.6	1205.8
1987	0.0	0.0	113.4	58.2	154.3	196.4	440.3	260.3	114.0	210.2	106.0	6.4	1659.5
1988	0.0	9.1	0.0	26.0	230.2	316.7	310.5	176.0	147.7	47.5	96.7	14.0	1374.4
1989	2.3	32.1	3.6	29.5	213.4	255.6	280.1	217.8	195.3	158.6	170.5	8.8	1567.6
1990	0.0	2.7	28.8	79.5	288.2	98.8	98.2	245.5	173.0	157.7	60.5	14.5	1247.4
AVE	6.4	10.7	24.2	101.6	232.6	266.2	240.2	234.9	186.5	150.7	73.3	23.2	1550.4
MAX	47.5	87.2	113.4	270.3	797.1	423.6	581.9	459.7	558.9	261.5	170.5	103.4	3875.0
MIN	0.0	0.0	0.0	0.7	48.9	98.8	41.9	88.2	63.5	47.5	20.9	0.0	410.4

(26) Station : HATO LAS BABAS
(3304)

MONTHLY RAINFALL													(Unit : mm)
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
1967	0.0	0.0	0.0	39.3	117.9	90.6	393.9	35.9	71.5	70.5	23.2	20.5	863.3
1968	0.0	10.5	2.0	11.6	138.8	58.1	222.6	144.3	94.7	94.1	77.6	24.8	879.1
1969	32.8	15.2	35.7	77.8	265.0	285.1	-	634.1	117.1	79.4	78.9	5.5	1626.6
1970	5.9	19.0	0.0	57.9	177.6	209.4	380.1	153.8	223.3	107.0	53.1	90.6	1477.7
1971	8.3	3.0	5.2	68.5	154.2	153.4	200.2	122.9	171.9	154.5	153.4	11.7	1207.2
1972	21.5	40.1	48.6	148.4	189.4	148.4	253.1	134.9	147.6	117.8	99.1	65.7	1414.6
1973	0.0	0.0	11.2	44.2	95.1	131.4	159.6	153.7	300.1	38.9	78.1	0.0	1012.3
1974	1.2	10.4	7.2	5.0	199.3	106.8	123.8	227.2	137.7	121.3	130.8	12.3	1083.0
1975	21.4	1.0	7.0	22.2	95.8	236.3	145.0	198.6	202.5	306.6	191.1	110.6	1538.1
1976	11.0	0.5	16.7	137.4	245.3	214.4	132.5	141.7	80.1	148.2	88.8	125.4	1342.0
1977	0.0	2.5	64.6	5.0	189.2	233.0	156.8	177.8	109.8	110.5	45.0	8.2	1102.4
1978	0.0	0.0	3.5	107.9	162.0	302.6	162.0	195.6	57.6	148.3	46.4	32.0	1217.9
1979	0.0	0.0	79.1	155.3	154.9	292.0	167.3	219.8	151.3	134.9	45.6	49.1	1449.3
1980	0.5	0.0	6.6	228.8	175.9	154.2	281.2	101.1	237.3	115.7	73.9	5.2	1380.4
1981	21.7	35.5	1.3	369.9	276.5	165.4	204.5	339.2	101.0	149.2	55.6	31.0	1750.8
1982	6.2	17.2	0.2	195.7	193.4	183.4	139.7	75.9	187.5	133.7	45.7	37.7	1216.3
1983	6.8	4.9	12.7	244.4	218.5	224.2	143.2	206.8	99.7	51.0	73.4	52.1	1337.7
1984	10.0	2.0	0.0	197.7	49.1	195.0	272.5	2.0	209.9	56.0	67.8	23.0	1085.0
1985	0.0	6.8	3.7	58.6	41.2	153.3	174.2	27.9	86.9	63.8	62.2	22.4	701.0
1986	0.0	8.9	5.7	18.5	19.0	85.4	129.2	136.4	141.0	141.7	95.5	17.1	798.4
1987	12.9	0.4	1.8	49.6	273.3	189.9	299.3	130.8	126.9	113.9	122.8	19.8	1341.4
1988	0.0	13.1	0.0	4.7	-	198.9	120.6	294.4	235.6	106.9	69.1	17.0	1060.3
1989	0.0	17.9	6.7	5.2	131.5	122.5	172.8	75.1	96.8	130.8	21.7	11.6	792.6
1990	20.4	0.0	3.8	67.5	141.4	244.1	194.9	290.4	89.3	104.4	47.2	25.2	1228.6
AVE	7.5	8.7	13.5	96.7	161.1	182.4	201.3	175.8	144.9	116.6	76.9	34.1	1219.5
MAX	32.8	40.1	79.1	369.9	276.5	302.6	393.9	634.1	300.1	306.6	191.1	125.4	3052.2
MIN	0.0	0.0	0.0	4.7	19.0	58.1	120.6	2.0	57.6	38.9	21.7	0.0	322.6

(27) Station : EL BAUL-CARRETERA

(3309)		MONTHLY RAINFALL											(Unit : mm)
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
1967	5.2	0.0	4.6	39.3	117.9	90.6	393.9	192.1	106.5	121.1	43.1	10.2	1124.5
1968	0.0	3.2	2.8	25.0	223.0	257.9	200.5	226.5	233.1	69.0	39.0	31.2	1311.2
1969	1.1	33.5	0.5	115.5	330.1	499.3	321.7	321.6	149.6	193.3	98.6	12.1	2076.9
1970	10.9	20.1	0.3	33.5	196.5	240.6	272.1	318.1	299.3	228.4	93.2	114.8	1827.8
1971	39.7	7.5	0.0	89.3	155.5	80.5	163.9	74.9	281.4	94.0	133.7	33.3	1153.7
1972	11.0	9.1	40.3	96.1	303.8	445.0	258.1	139.3	145.5	70.5	46.6	3.3	1568.6
1973	0.0	0.0	0.0	63.8	49.6	160.5	299.5	235.7	219.3	175.3	97.3	2.8	1303.8
1974	2.1	3.1	0.3	6.8	177.9	155.6	304.8	248.6	171.3	111.6	68.0	18.1	1268.2
1975	0.0	0.0	3.4	78.6	180.6	129.1	158.5	233.0	193.7	266.4	86.9	139.4	1469.6
1976	0.8	15.9	0.9	205.6	240.9	385.4	263.9	204.3	128.3	145.9	114.5	13.2	1719.6
1977	0.0	0.0	58.1	12.8	204.6	246.2	115.7	307.8	263.7	150.5	128.0	0.0	1487.4
1978	0.0	0.0	5.3	242.0	164.9	327.7	245.1	219.0	125.4	62.4	41.9	41.4	1475.1
1979	0.0	0.0	43.4	108.5	196.1	423.1	145.0	205.8	131.4	173.8	74.8	45.7	1547.6
1980	0.0	0.3	1.4	75.3	279.2	263.0	298.1	183.8	265.8	200.1	134.3	9.8	1711.1
1981	1.3	97.9	0.0	152.2	253.7	417.4	229.9	274.6	186.4	119.4	25.1	50.8	1808.7
1982	8.1	25.0	1.2	209.3	179.7	188.4	213.9	150.4	263.6	235.9	133.8	14.5	1623.8
1983	1.4	7.0	0.7	137.6	275.0	273.2	154.8	384.0	155.9	207.1	23.1	51.5	1671.3
1984	28.8	3.4	0.0	58.3	151.4	241.7	184.4	202.6	152.8	148.0	146.2	22.5	1340.1
1985	0.0	0.0	0.0	65.0	166.1	138.7	218.1	213.7	112.4	116.3	70.4	29.5	1130.2
1986	0.0	22.0	4.1	12.1	323.2	189.6	302.5	88.7	204.3	267.2	23.8	18.8	1456.3
1987	8.0	0.0	19.3	18.1	424.9	184.0	232.0	253.8	252.8	167.6	118.4	0.0	1678.9
1988	0.0	12.6	0.0	21.0	-	361.6	177.7	110.1	235.3	108.5	26.9	0.0	1053.7
1989	0.0	5.2	0.0	26.3	106.0	338.9	82.0	172.0	188.6	142.2	50.0	0.2	1111.4
1990	4.5	2.2	2.3	22.5	217.8	375.9	-	207.5	146.1	165.7	22.7	3.7	1170.9
AVE	5.1	11.2	7.9	79.8	213.8	267.2	227.7	215.3	192.2	155.8	76.7	27.8	1480.5
MAX	39.7	97.9	58.1	242.0	424.9	499.3	393.9	384.0	299.3	267.2	146.2	139.4	2991.9
MIN	0.0	0.0	0.0	6.8	49.6	80.5	82.0	74.9	106.5	62.4	22.7	0.0	485.4

(28) Station : ARISMENDI

(3331)		MONTHLY RAINFALL											(Unit : mm)
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
1967	0.1	0.0	25.5	75.1	58.4	271.9	307.9	126.5	199.4	156.1	9.3	0.2	1230.4
1968	0.0	3.2	2.8	25.0	223.0	257.9	200.5	226.5	233.1	69.0	39.0	31.2	1311.2
1969	1.1	33.5	0.5	115.5	330.1	499.3	321.7	321.6	149.6	193.3	98.6	12.1	2076.9
1970	10.9	20.1	0.3	33.5	196.5	240.6	272.1	318.1	299.3	228.4	93.2	114.8	1827.8
1971	0.0	0.0	0.0	0.0	117.7	164.9	156.1	201.4	93.7	141.9	58.0	15.8	949.5
1972	6.4	2.5	20.9	94.9	247.4	234.8	318.0	56.7	92.7	85.2	12.8	1.5	1173.8
1973	0.3	0.0	0.0	282.8	101.6	277.9	262.5	246.7	318.1	86.1	76.8	1.8	1654.6
1974	0.0	0.0	0.0	6.5	192.2	133.6	168.9	196.2	149.3	57.8	67.9	12.8	985.2
1975	0.0	0.0	8.0	66.7	254.6	277.5	253.0	262.1	182.7	233.7	12.9	40.0	1591.2
1976	0.0	2.7	0.0	225.9	202.5	359.8	228.6	160.9	105.7	123.7	17.7	0.7	1428.2
1977	0.0	0.0	55.7	0.0	238.8	302.6	225.5	72.2	208.4	79.3	76.3	0.3	1259.1
1978	3.8	0.0	0.0	283.2	187.3	421.0	199.6	200.9	159.7	121.2	80.3	30.4	1687.4
1979	0.0	0.0	18.9	82.3	299.3	396.7	139.1	115.9	126.6	111.2	50.0	18.6	1358.6
1980	0.0	0.0	0.0	55.2	309.9	310.9	298.8	412.5	209.8	150.6	148.4	0.2	1896.3
1981	0.0	29.7	5.7	334.4	263.3	323.4	392.9	316.2	163.8	42.4	54.6	18.8	1945.2
1982	15.0	2.3	0.1	120.8	189.3	152.9	256.9	161.6	201.0	99.2	110.2	0.9	1310.2
1983	2.8	3.4	16.0	129.0	241.0	296.5	337.4	295.7	133.9	234.7	23.6	3.4	1717.4
1984	10.4	5.3	0.0	78.6	88.6	188.8	232.4	360.9	320.7	171.4	96.7	3.9	1557.7
1985	0.0	0.2	0.0	46.0	213.8	170.5	170.7	299.3	159.3	226.6	137.7	43.4	1467.5
1986	0.0	63.9	1.0	85.5	248.2	265.3	397.4	190.9	181.9	197.8	86.3	35.6	1753.8
1987	8.0	0.0	19.3	18.1	424.9	184.0	232.0	253.8	252.8	167.6	118.4	0.0	1678.9
1988	0.0	0.5	0.0	7.8	80.4	240.5	189.4	222.7	169.5	71.9	49.6	47.5	1079.8
1989	0.0	8.4	0.0	9.2	173.6	152.4	307.7	236.1	209.0	161.6	58.1	3.2	1319.3
1990	1.4	3.9	1.1	89.5	221.4	316.0	105.7	179.2	112.0	242.3	48.7	16.9	1338.1
AVE	2.5	7.5	7.3	94.4	212.7	268.3	248.9	226.4	184.7	143.9	67.7	18.9	1483.3
MAX	15.0	63.9	55.7	334.4	424.9	499.3	397.4	412.5	320.7	242.3	148.4	114.8	3029.3
MIN	0.0	0.0	0.0	0.0	58.4	133.6	105.7	56.7	92.7	42.4	9.3	0.0	498.8

(29) Station : JOBALITO
(3332)

MONTHLY RAINFALL

(Unit : mm)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
1967	0.1	0.0	25.5	75.1	58.4	271.9	307.9	126.5	199.4	156.1	9.3	0.2	1230.4
1968	0.0	3.2	2.8	25.0	223.0	257.9	200.5	226.5	233.1	69.0	39.0	31.2	1311.2
1969	1.1	33.5	0.5	115.5	330.1	499.3	321.7	321.6	149.6	193.3	98.6	12.1	2076.9
1970	10.9	20.1	0.3	33.5	196.5	240.6	272.1	318.1	299.3	228.4	93.2	114.8	1827.8
1971	39.7	7.5	0.0	89.3	155.5	80.5	163.9	74.9	281.4	94.0	133.7	33.3	1153.7
1972	15.3	0.0	44.0	88.7	151.3	180.6	283.1	76.3	160.0	57.4	23.4	6.4	1086.5
1973	0.0	0.0	0.0	85.5	55.6	256.6	203.6	148.7	273.0	246.9	104.0	1.9	1375.8
1974	4.3	0.0	0.3	-	258.7	121.8	252.7	127.9	303.1	145.3	86.5	2.0	1302.6
1975	0.0	0.0	0.0	76.2	92.6	230.7	209.7	240.6	135.6	101.7	49.4	82.6	1219.1
1976	1.6	0.0	0.2	204.8	301.6	387.9	342.7	207.3	105.6	137.0	53.3	6.4	1748.4
1977	0.0	0.0	104.8	1.8	190.3	217.3	154.6	240.8	174.3	113.2	108.7	1.4	1307.2
1978	0.0	0.0	20.0	135.5	172.1	201.5	287.7	211.9	243.2	141.8	124.7	25.4	1563.8
1979	0.0	0.0	13.7	117.3	287.3	365.3	167.8	223.1	115.4	138.6	45.6	32.4	1506.5
1980	0.0	0.0	8.4	41.6	280.0	302.0	357.7	147.0	308.8	219.6	119.6	0.0	1784.7
1981	5.4	42.8	3.5	224.4	275.2	372.5	295.5	63.5	138.4	200.6	16.0	14.7	1652.5
1982	7.8	1.9	2.2	193.0	308.8	128.2	322.6	144.4	214.3	115.9	42.8	1.4	1483.3
1983	0.3	8.0	5.3	139.8	233.1	214.9	280.0	240.5	120.3	217.6	45.9	21.1	1526.8
1984	20.2	0.6	0.0	65.7	60.6	219.4	215.5	215.0	125.2	110.5	215.7	5.0	1253.4
1985	0.0	0.0	0.0	112.4	15.9	392.6	196.3	179.0	134.6	89.5	84.6	15.9	1220.8
1986	0.0	23.8	0.0	1.1	288.9	315.4	219.6	95.6	150.1	148.0	58.2	20.5	1321.2
1987	0.0	0.0	9.8	10.7	-	114.6	275.0	169.4	216.0	139.0	117.0	0.0	1051.5
1988	0.0	5.1	0.0	-	86.0	359.9	238.1	49.5	83.7	140.2	55.0	2.7	1020.2
1989	0.0	0.0	0.0	5.3	97.1	227.4	99.4	326.3	0.8	-	7.3	0.0	763.6
1990	2.1	8.1	0.0	87.7	180.2	319.4	365.4	98.6	177.8	133.0	61.4	0.9	1434.6
AVE	4.5	6.4	10.1	87.7	186.9	261.6	251.4	178.0	181.0	145.1	74.7	18.0	1405.4
MAX	39.7	42.8	104.8	224.4	330.1	499.3	365.4	326.3	308.8	246.9	215.7	114.8	2819.0
MIN	0.0	0.0	0.0	1.1	15.9	80.5	99.4	49.5	0.8	57.4	7.3	0.0	311.9

(30) Station : LOS NARANJOS
(3403)

MONTHLY RAINFALL

(Unit : mm)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
1967	0.1	0.0	25.5	75.1	58.4	271.9	307.9	126.5	199.4	156.1	9.3	0.2	1230.4
1968	0.0	1.0	4.7	19.2	114.6	200.3	183.8	182.7	73.8	112.1	2.2	1.9	896.3
1969	0.0	29.1	0.0	56.3	208.4	293.6	34.1	511.3	123.9	257.6	29.4	54.2	1597.9
1970	1.9	10.8	0.1	38.7	160.5	121.4	251.5	199.9	204.6	93.9	25.5	19.7	1128.5
1971	0.0	0.5	0.3	69.1	249.5	117.2	154.3	231.6	172.2	76.4	65.0	0.4	1136.5
1972	12.8	0.0	10.1	51.9	101.6	111.4	134.8	149.0	173.8	95.7	20.6	11.6	873.3
1973	0.0	0.0	0.0	107.0	46.4	140.6	150.0	134.3	207.4	203.7	104.5	1.8	1095.7
1974	0.0	0.0	0.0	-	102.4	121.6	308.0	223.5	103.6	155.2	37.6	0.0	1051.9
1975	2.9	0.0	0.0	18.0	151.9	238.6	115.3	226.6	204.4	59.5	50.6	59.8	1127.6
1976	1.1	0.0	0.5	40.8	221.9	270.6	226.5	139.3	116.4	292.3	75.3	0.0	1384.7
1977	0.2	0.0	18.4	1.7	177.8	287.4	102.4	111.9	181.0	66.5	121.7	0.0	1069.0
1978	0.0	0.0	0.6	60.0	173.0	156.3	144.7	198.4	106.7	154.4	39.3	17.6	1051.0
1979	0.0	0.0	56.8	168.0	175.5	359.5	170.0	267.0	249.4	123.9	36.9	9.8	1616.8
1980	0.0	0.0	0.0	-	306.6	75.8	194.7	-	707.9	-	437.3	0.0	1722.3
1981	0.0	0.0	0.0	-	268.7	227.2	10.2	18.2	360.3	-	27.9	13.0	925.5
1982	0.0	0.0	0.0	56.6	140.4	267.4	94.4	124.8	236.1	124.5	33.0	3.0	1080.2
1983	3.8	7.5	3.2	13.5	280.4	295.6	153.5	210.2	192.8	27.9	0.1	2.2	1190.7
1984	13.7	0.2	0.0	10.9	36.8	162.1	132.3	279.3	185.5	1.5	152.8	3.4	978.5
1985	0.0	0.0	0.0	70.0	141.1	148.0	161.6	149.1	119.1	72.5	121.4	28.7	1011.5
1986	0.0	0.0	0.0	14.5	291.8	192.4	191.7	155.9	70.5	152.5	40.7	5.5	1115.5
1987	0.0	0.0	36.2	8.3	237.3	105.1	170.6	107.7	410.1	114.7	210.1	1.4	1401.5
1988	0.0	0.3	0.0	-	23.9	405.9	185.1	171.5	105.1	261.2	73.2	12.3	1238.5
1989	0.0	0.0	0.0	5.0	26.0	139.9	153.7	215.8	130.9	127.1	51.5	0.0	849.9
1990	4.4	0.0	0.0	11.5	147.7	181.7	269.7	284.8	97.1	193.6	74.6	1.5	1266.6
AVE	1.7	2.1	6.5	44.8	160.1	203.8	166.7	192.1	197.2	132.9	76.7	10.3	1194.9
MAX	13.7	29.1	56.8	168.0	306.6	405.9	308.0	511.3	707.9	292.3	437.3	59.8	3296.7
MIN	0.0	0.0	0.0	1.7	23.9	75.8	10.2	18.2	70.5	1.5	0.1	0.0	201.9

(31) Station : COROZO-PANDO
(3454)

YEAR	MONTHLY RAINFALL												TOTAL
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1967	1.2	0.0	4.0	33.8	85.1	372.6	366.0	247.7	176.1	189.1	29.8	8.2	1513.6
1968	0.0	1.0	4.7	19.2	114.6	200.3	183.8	182.7	73.8	112.1	2.2	1.9	896.3
1969	0.0	136.4	48.1	117.1	337.5	368.0	365.7	311.4	154.0	227.3	184.7	13.6	2263.8
1970	2.1	10.8	0.0	37.7	1.6	244.2	361.0	212.6	303.3	237.1	96.3	47.0	1553.7
1971	2.0	0.0	1.4	22.7	241.9	136.3	112.3	160.1	101.1	128.5	12.3	19.3	937.9
1972	13.0	0.0	8.7	124.1	97.8	149.5	132.6	70.3	95.6	166.9	14.0	15.5	888.0
1973	0.0	0.0	0.0	117.0	42.0	241.6	148.5	198.7	337.4	204.9	132.8	1.3	1424.2
1974	0.0	0.0	0.0	-	102.4	121.6	308.0	223.5	103.6	155.2	37.6	0.0	1051.9
1975	0.0	0.0	0.0	21.5	184.7	154.6	245.4	218.1	270.6	120.7	26.1	37.6	1279.3
1976	2.3	0.0	0.0	78.4	245.1	375.1	267.0	289.9	90.9	253.3	136.0	0.2	1738.2
1977	0.0	0.0	16.3	1.2	166.5	211.2	158.2	44.4	157.6	118.6	106.5	3.5	984.0
1978	0.0	0.0	2.1	77.5	125.1	219.5	247.3	223.1	195.5	123.2	79.4	0.0	1292.7
1979	0.0	0.0	57.9	100.3	119.9	70.6	325.1	302.0	319.7	158.5	108.7	17.7	1580.4
1980	0.0	0.0	0.0	94.4	169.3	249.1	155.2	-	637.3	-	205.5	0.0	1510.8
1981	0.0	0.0	0.0	70.2	171.7	208.8	11.5	79.4	244.7	276.2	24.4	18.9	1105.8
1982	0.0	0.0	0.0	63.7	126.2	249.3	220.0	92.5	257.3	154.9	11.5	1.5	1176.9
1983	0.6	23.5	0.3	-	178.1	165.3	-	225.3	345.2	97.3	48.4	8.2	1092.2
1984	1.3	0.0	0.0	21.3	42.8	181.9	183.6	290.3	159.8	201.5	90.6	0.1	1173.2
1985	0.0	0.0	0.0	44.8	121.4	124.4	350.0	293.5	174.3	352.5	210.7	16.7	1688.3
1986	0.0	13.6	0.0	22.4	126.3	607.0	186.6	59.4	199.8	156.7	37.7	7.1	1416.6
1987	0.0	0.0	5.8	1.9	186.4	177.4	238.5	301.9	133.2	206.3	46.2	0.0	1297.6
1988	0.0	0.0	0.7	1.5	12.5	315.5	222.8	533.4	101.5	278.6	107.9	54.3	1628.7
1989	4.4	0.0	0.0	11.6	74.3	205.8	162.9	260.4	28.7	149.1	85.2	0.5	982.9
1990	12.5	0.8	0.0	8.4	147.6	155.7	564.1	206.1	256.1	151.4	59.4	4.4	1566.5
AVE	1.6	7.8	6.3	49.6	134.2	229.4	239.8	218.6	204.9	183.5	78.9	11.6	1366.0
MAX	13.0	136.4	57.9	124.1	337.5	607.0	564.1	533.4	637.3	352.5	210.7	54.3	3628.2
MIN	0.0	0.0	0.0	1.2	1.6	70.6	11.5	44.4	28.7	97.3	2.2	0.0	257.5

(32) Station : SAN CRISTOBAL-ESTANQUE
(4037)

YEAR	MONTHLY RAINFALL												TOTAL
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1967	101.0	10.8	8.5	125.1	154.2	174.6	275.9	226.2	148.8	128.3	121.8	38.0	1513.2
1968	5.8	22.2	20.7	193.5	26.2	235.9	299.9	202.3	110.5	88.0	77.9	16.4	1299.3
1969	8.4	19.1	31.2	114.7	97.1	128.3	138.0	167.5	126.7	237.6	95.4	89.0	1253.0
1970	48.5	70.9	43.5	77.6	194.9	286.7	161.8	110.4	201.9	152.1	108.0	83.0	1539.3
1971	13.5	31.7	42.2	99.7	194.6	186.6	283.8	192.9	182.2	72.9	80.6	39.8	1420.5
1972	106.2	0.4	56.0	73.3	81.3	79.6	123.6	129.1	166.1	88.6	45.1	14.3	963.6
1973	15.5	1.3	3.2	67.8	65.5	205.7	106.6	111.8	80.3	78.6	195.8	84.4	1016.5
1974	19.3	16.5	55.5	59.8	91.9	59.0	94.0	115.7	113.8	164.0	77.2	7.1	873.8
1975	4.4	32.0	38.2	46.2	54.2	197.6	29.6	43.6	111.4	198.2	155.6	197.8	1108.8
1976	95.4	99.6	71.8	75.3	139.3	307.6	270.6	288.8	143.8	126.2	278.2	16.6	1913.2
1977	30.2	24.2	13.8	68.0	91.8	398.6	359.8	188.6	159.2	106.4	127.4	30.8	1598.8
1978	0.4	63.4	65.8	142.6	128.8	202.2	255.2	79.6	168.4	106.0	55.4	133.0	1400.8
1979	5.2	28.4	78.0	218.6	181.8	191.2	147.6	144.4	203.2	182.0	175.8	106.8	1663.0
1980	77.2	23.0	72.8	121.4	131.4	259.8	132.2	199.6	219.4	210.0	61.8	48.8	1557.4
1981	21.0	48.0	69.2	211.2	301.0	175.0	136.2	145.7	247.4	167.8	144.7	116.4	1783.6
1982	17.6	41.0	4.6	210.8	220.0	275.8	311.0	220.0	266.2	120.2	125.6	28.4	1841.2
1983	39.8	44.6	68.4	217.2	171.6	208.2	333.6	191.8	206.8	246.4	69.8	93.4	1891.6
1984	112.8	36.0	12.0	64.4	156.0	180.4	166.6	174.6	235.8	132.2	125.0	94.8	1490.6
1985	7.0	14.4	105.6	87.6	240.9	184.3	302.4	242.6	182.0	302.0	138.6	107.0	1914.4
1986	7.2	51.2	11.6	80.0	201.2	484.0	383.2	210.8	253.6	190.4	138.8	232.0	2244.0
1987	61.4	49.0	160.8	107.8	194.6	221.2	531.0	179.6	216.8	219.5	111.0	146.0	2201.7
1988	37.4	7.6	6.4	95.4	247.2	237.4	303.2	221.7	221.8	283.0	281.6	164.7	2107.4
1989	69.2	59.8	30.4	38.2	210.8	191.0	310.8	154.8	178.0	206.4	182.0	144.4	1775.8
1990	68.2	56.0	40.0	125.4	328.6	250.0	292.6	289.8	177.4	278.8	147.2	187.0	2241.0
AVE	40.7	35.5	46.3	113.4	162.7	221.7	239.6	176.3	180.1	170.2	130.0	92.5	1608.9
MAX	112.8	99.6	160.8	218.6	328.6	484.0	531.0	289.8	266.2	302.0	281.6	232.0	3307.0
MIN	0.4	0.4	3.2	38.2	26.2	59.0	29.6	43.6	80.3	72.9	45.1	7.1	406.0

(33) Station : LAS COLORADAS
(4058)

YEAR	MONTHLY RAINFALL												TOTAL
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1967	41.2	15.8	36.8	262.7	259.9	494.9	529.7	404.5	348.6	188.5	173.6	79.0	2835.2
1968	1.8	45.0	8.7	45.5	183.4	348.1	368.9	357.1	291.7	476.9	163.7	28.3	2319.1
1969	61.6	51.7	49.0	164.4	204.5	232.4	291.4	210.3	149.3	474.7	182.3	114.1	2185.7
1970	64.2	27.9	49.3	126.7	286.7	392.1	399.6	145.8	251.1	382.2	390.7	108.5	2624.8
1971	79.8	37.2	39.7	67.5	450.5	283.5	499.6	355.4	266.8	190.2	367.7	88.5	2726.4
1972	117.0	85.9	216.3	397.6	470.8	265.4	418.4	459.8	301.0	232.1	180.0	27.9	3172.2
1973	4.0	0.0	44.9	100.4	222.9	205.7	343.4	162.7	423.4	274.5	273.8	184.2	2239.9
1974	24.8	24.6	14.8	76.3	249.6	232.9	269.8	247.4	406.3	145.5	268.7	42.8	2003.5
1975	13.0	2.7	81.1	97.5	234.2	240.5	234.8	217.2	333.7	412.2	288.0	154.6	2309.5
1976	34.1	74.4	79.8	187.4	244.5	-	-	331.1	202.5	428.5	215.2	65.1	1862.6
1977	9.4	0.0	28.0	71.0	368.7	694.4	363.2	220.0	226.2	373.9	246.3	42.4	2643.5
1978	0.9	5.0	135.5	374.7	346.0	335.0	365.1	223.3	280.8	299.0	242.4	136.1	2743.8
1979	1.1	0.0	116.4	276.3	349.0	422.7	391.2	254.0	474.3	312.2	247.1	202.3	3046.6
1980	17.8	0.3	25.8	115.0	320.3	388.7	228.6	297.9	225.7	392.5	165.7	23.6	2201.9
1981	0.9	181.7	60.6	446.0	260.2	332.0	258.6	346.8	399.4	317.6	245.1	149.6	2998.5
1982	25.6	15.2	11.8	321.7	420.4	558.1	366.9	197.2	394.3	437.8	175.9	56.5	2981.4
1983	17.6	103.2	136.5	217.5	363.2	285.7	496.7	298.4	232.3	261.8	278.3	105.0	2796.2
1984	81.8	29.3	13.4	2.0	-	692.1	375.0	363.7	333.2	328.9	125.3	65.1	2409.8
1985	0.0	16.6	6.3	109.7	313.9	265.6	203.0	422.7	216.8	207.1	330.8	55.6	2148.1
1986	31.4	11.8	3.1	38.1	440.3	453.6	273.5	321.0	276.4	433.3	291.0	82.2	2655.7
1987	2.7	42.4	101.1	126.9	176.5	288.9	468.7	230.8	284.5	547.9	245.8	71.5	2587.7
1988	26.3	19.8	22.8	102.5	127.2	382.7	317.0	405.9	690.8	350.6	293.7	121.2	2860.5
1989	26.5	33.0	33.8	16.5	253.0	275.4	119.2	524.4	328.8	317.0	219.2	9.0	2155.8
1990	63.6	31.8	82.4	224.9	399.5	273.4	400.3	219.8	270.5	372.4	289.2	124.0	2751.8
AVE	31.1	35.6	58.2	165.4	302.0	362.8	347.1	300.7	317.0	339.9	245.8	89.0	2594.7
MAX	117.0	181.7	216.3	446.0	470.8	694.4	529.7	524.4	690.8	547.9	390.7	202.3	5012.0
MIN	0.0	0.0	3.1	2.0	127.2	205.7	119.2	145.8	149.3	145.5	125.3	9.0	1032.1

(34) Station : BRUZUAL
(4292)

YEAR	MONTHLY RAINFALL												TOTAL
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1967	1.7	0.0	2.7	105.0	105.9	294.2	581.9	388.5	113.6	219.2	61.8	7.1	1881.6
1968	0.0	0.0	6.9	112.7	351.7	416.5	293.3	136.1	266.5	178.4	33.0	9.0	1804.1
1969	0.3	25.7	10.8	141.4	256.4	142.9	208.9	108.1	82.9	165.4	85.5	8.2	1236.5
1970	2.9	41.6	3.1	26.6	168.7	278.5	339.2	317.9	118.6	112.6	3.8	30.4	1443.9
1971	8.1	1.9	4.3	144.2	155.6	191.3	189.3	160.4	170.6	221.7	100.7	33.7	1381.8
1972	34.3	1.4	54.6	206.1	219.0	258.6	194.4	112.2	229.3	165.8	37.0	0.0	1512.7
1973	0.0	0.0	14.8	108.9	120.1	209.8	159.7	171.1	143.3	178.2	76.2	0.0	1182.1
1974	0.4	0.0	3.6	88.1	147.6	119.0	327.7	213.1	154.0	59.3	155.2	0.1	1268.1
1975	0.1	0.0	6.0	44.6	175.8	229.4	222.8	313.0	234.1	108.8	123.4	36.1	1494.1
1976	26.3	3.6	1.2	227.8	221.0	216.3	222.0	134.7	85.1	174.2	45.8	61.7	1419.7
1977	0.0	0.0	22.4	3.0	247.9	278.6	144.0	170.3	196.6	106.9	7.0	0.1	1176.8
1978	1.8	0.7	41.7	53.0	277.5	341.9	319.3	329.2	196.9	68.2	2.0	20.6	1652.8
1979	0.0	0.0	74.1	140.3	237.8	335.7	250.0	256.0	108.7	294.8	147.3	13.3	1858.0
1980	0.4	0.0	19.4	99.7	231.9	186.0	223.9	290.8	215.3	245.6	115.8	26.2	1655.0
1981	0.0	50.0	46.1	208.2	313.0	284.8	232.8	155.7	49.5	115.9	25.1	61.2	1542.3
1982	0.0	0.0	0.0	178.2	308.1	92.6	424.1	232.4	118.3	43.0	62.4	0.6	1459.7
1983	1.3	9.7	4.2	88.8	251.5	291.7	188.1	414.9	162.1	114.3	19.8	35.5	1581.9
1984	21.1	4.7	2.1	67.3	65.0	339.1	262.8	260.0	156.0	77.4	191.8	1.4	1448.7
1985	0.0	0.0	0.5	74.6	183.7	170.6	155.8	240.8	203.2	169.7	64.6	26.8	1290.3
1986	1.8	4.6	0.0	77.0	194.6	258.8	261.1	285.8	143.4	123.6	63.4	3.6	1417.7
1987	7.5	0.2	93.2	47.4	109.4	203.1	440.3	260.3	114.0	75.0	106.0	6.4	1462.8
1988	0.0	26.6	0.0	10.3	118.5	316.0	275.1	259.2	101.2	63.5	79.5	14.1	1264.0
1989	0.0	5.9	0.0	1.0	178.3	309.7	154.4	261.1	102.0	153.6	91.2	8.3	1265.5
1990	0.0	0.0	20.1	88.5	294.1	217.9	240.8	165.0	47.1	136.3	74.1	17.9	1301.8
AVE	4.5	7.4	18.0	97.6	205.5	249.3	263.0	234.9	146.3	140.5	73.9	17.6	1458.4
MAX	34.3	50.0	93.2	227.8	351.7	416.5	581.9	414.9	266.5	294.8	191.8	61.7	2985.1
MIN	0.0	0.0	0.0	1.0	65.0	92.6	144.0	108.1	47.1	43.0	2.0	0.0	502.8

(35) Station : MANTECAL
(4296)

YEAR	MONTHLY RAINFALL												TOTAL
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1967	1.7	0.0	2.7	105.0	105.9	294.2	581.9	388.5	113.6	219.2	61.8	7.1	1881.6
1968	0.0	0.0	24.5	146.6	222.2	204.2	25.3	-	932.2	135.3	-	0.0	1690.3
1969	0.0	3.5	104.4	285.4	280.0	275.2	329.0	230.8	143.5	212.1	215.3	0.7	2079.9
1970	11.1	24.6	4.9	107.8	97.7	214.0	422.7	265.9	155.9	145.3	59.5	33.4	1542.8
1971	36.0	0.0	8.8	99.3	135.7	144.9	266.5	155.2	219.5	192.9	39.6	107.9	1406.3
1972	12.9	0.4	101.4	225.9	228.2	144.9	301.6	164.2	125.3	140.6	43.2	6.8	1495.4
1973	0.0	0.0	8.8	127.3	96.1	171.6	226.4	213.8	256.5	103.7	101.6	7.7	1313.5
1974	1.2	26.2	0.0	73.7	154.9	160.0	218.2	338.2	148.8	115.9	135.1	0.0	1372.2
1975	1.1	0.0	30.0	63.4	173.4	145.5	296.0	311.1	152.3	131.4	115.8	18.4	1438.4
1976	7.7	2.5	2.3	176.1	238.6	276.4	466.7	214.8	117.2	130.4	13.8	8.0	1654.5
1977	0.0	0.0	8.3	25.8	304.2	268.2	295.1	281.8	189.4	165.3	53.0	0.0	1591.1
1978	0.0	0.2	0.0	152.1	145.4	328.8	401.4	403.9	193.0	67.3	77.5	0.5	1770.1
1979	0.0	0.0	56.1	50.7	247.6	237.0	459.7	319.1	104.3	241.6	233.7	68.5	2018.3
1980	0.0	0.0	39.9	115.1	266.8	463.8	403.1	229.1	168.6	153.8	171.2	22.6	2034.0
1981	0.0	57.5	94.3	306.2	427.1	267.5	199.9	282.9	154.0	168.5	15.1	48.8	2021.8
1982	0.0	0.0	0.5	196.7	300.0	167.9	431.5	227.0	106.8	94.0	8.7	2.7	1535.8
1983	3.6	7.1	22.3	190.7	245.4	284.2	392.1	294.0	151.8	139.1	16.0	0.0	1746.3
1984	14.0	0.8	0.0	99.5	98.8	262.6	197.2	273.2	179.0	138.1	36.5	1.1	1300.8
1985	0.0	0.0	1.4	115.3	154.5	287.8	168.3	271.0	104.3	203.5	140.4	0.0	1446.5
1986	0.0	15.3	3.8	-	237.9	389.4	390.4	289.0	231.0	155.4	127.2	0.0	1839.4
1987	0.0	0.0	74.7	65.0	284.2	178.3	312.6	302.4	104.9	139.4	28.0	5.2	1494.7
1988	0.0	0.0	0.0	51.0	130.7	467.9	282.9	432.9	185.5	132.0	132.2	2.6	1817.7
1989	3.8	1.5	0.0	0.6	162.4	168.7	249.8	168.3	112.6	190.7	70.3	0.0	1128.7
1990	1.7	1.3	11.7	71.8	314.1	295.9	161.0	288.6	124.0	137.1	108.4	29.7	1545.3
AVE	4.0	5.9	25.0	124.0	210.5	254.1	311.6	275.9	186.4	152.2	87.1	15.5	1652.2
MAX	36.0	57.5	104.4	306.2	427.1	467.9	581.9	432.9	932.2	241.6	233.7	107.9	3929.3
MIN	0.0	0.0	0.0	0.6	96.1	144.9	25.3	155.2	104.3	67.3	8.7	0.0	602.4

(36) Station : EL SAMAN DE APURE
(4302)

YEAR	MONTHLY RAINFALL												TOTAL
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1967	1.7	0.0	2.7	105.0	105.9	294.2	581.9	388.5	113.6	219.2	61.8	7.1	1881.6
1968	0.0	0.0	0.0	141.1	92.5	329.3	8.0	261.2	-	-	804.8	2.8	1639.7
1969	0.3	4.5	14.1	170.9	213.6	303.1	251.7	203.3	101.1	199.7	124.5	35.6	1622.4
1970	6.5	82.8	1.4	85.4	135.5	308.8	227.8	460.5	147.4	136.4	6.3	16.4	1615.2
1971	1.7	20.0	1.9	125.4	181.3	194.4	110.3	231.6	184.8	148.5	16.2	52.3	1268.4
1972	14.8	2.6	14.0	95.4	304.7	314.2	204.7	217.2	99.3	218.2	92.1	1.9	1579.1
1973	0.0	0.0	0.0	193.0	129.8	176.2	295.7	211.3	225.2	59.0	91.4	2.1	1383.7
1974	11.2	0.0	0.0	13.3	216.1	178.8	145.0	269.7	300.2	91.6	62.3	0.3	1288.5
1975	0.0	0.0	9.2	68.4	197.7	198.9	234.0	217.6	219.9	74.4	20.3	50.5	1290.9
1976	1.0	0.0	3.1	90.1	258.1	265.3	254.6	85.7	179.2	206.0	59.7	0.4	1403.2
1977	0.0	0.0	25.8	1.0	355.3	310.6	316.7	266.7	174.1	163.2	59.0	0.0	1672.4
1978	0.0	0.0	0.0	247.5	122.0	255.7	129.2	250.3	154.0	32.8	33.7	1.4	1226.6
1979	0.0	0.0	9.9	105.9	276.4	356.0	161.6	331.4	107.1	183.2	50.0	8.5	1590.0
1980	0.0	0.0	0.0	38.8	151.4	285.3	249.6	236.8	121.3	136.9	78.4	1.3	1299.8
1981	0.0	37.3	42.0	245.2	353.3	434.7	407.7	331.9	125.1	70.3	11.8	8.9	2068.2
1982	0.0	0.0	0.0	130.9	234.5	217.7	163.4	342.1	122.7	41.0	76.4	0.0	1328.7
1983	0.7	7.3	4.5	122.1	171.0	308.1	350.7	245.4	274.3	126.4	4.1	4.3	1618.9
1984	15.1	0.0	0.0	35.4	90.8	116.4	348.7	296.4	178.9	-	195.0	31.7	1308.4
1985	0.0	0.0	0.0	25.5	230.4	188.6	113.4	273.4	113.4	186.9	-	0.0	1131.6
1986	0.0	30.8	1.0	26.5	176.5	265.3	-	726.1	-	-	108.4	3.6	1338.2
1987	0.0	0.3	100.9	49.5	217.6	36.6	508.2	175.4	-	408.5	99.8	65.5	1662.3
1988	0.0	0.0	0.0	35.1	-	200.2	310.5	176.0	147.7	244.1	44.8	2.1	1160.5
1989	1.2	0.0	0.0	-	274.8	255.1	-	661.2	37.7	74.6	38.2	0.0	1342.8
1990	0.1	2.0	2.9	95.6	342.2	323.0	88.9	144.4	189.2	77.9	28.1	15.8	1310.1
AVE	2.3	7.8	9.7	97.7	210.1	254.9	248.3	291.8	157.9	147.6	94.2	13.0	1535.3
MAX	15.1	82.8	100.9	247.5	355.3	434.7	581.9	726.1	300.2	408.5	804.8	65.5	4123.3
MIN	0.0	0.0	0.0	1.0	90.8	36.6	8.0	85.7	37.7	32.8	4.1	0.0	296.7

(37) Station : ACHAGUAS

(4303)

MONTHLY RAINFALL

(Unit : mm)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
1967	1.7	0.0	2.7	105.0	105.9	294.2	581.9	388.5	113.6	219.2	61.8	7.1	1881.6
1968	0.0	0.0	19.3	86.2	39.3	261.0	197.6	102.9	191.0	44.7	29.3	0.0	971.3
1969	0.0	35.1	16.5	30.5	97.8	161.8	615.7	478.2	61.7	69.3	46.0	5.0	1617.6
1970	0.0	0.0	0.0	-	133.4	259.3	280.2	392.6	208.5	173.2	19.0	44.2	1510.4
1971	0.0	0.2	0.0	93.8	220.9	183.7	118.2	156.0	86.3	233.9	12.9	6.6	1112.5
1972	7.2	0.0	43.8	183.1	402.9	236.2	171.9	137.2	222.3	189.8	81.8	0.0	1676.2
1973	0.0	0.0	0.1	55.6	158.8	258.3	324.2	196.6	183.6	23.8	103.9	2.8	1307.7
1974	3.6	0.0	0.2	20.9	173.7	117.0	168.6	158.1	248.3	52.6	42.7	0.0	985.7
1975	0.9	0.0	0.9	38.7	151.4	148.0	236.6	269.9	81.2	136.7	8.8	35.9	1109.0
1976	11.9	0.0	1.7	61.0	237.0	280.0	222.4	304.4	95.8	287.6	34.8	0.0	1536.6
1977	0.0	0.0	21.4	11.0	238.7	270.3	134.6	574.8	193.1	146.8	74.6	0.0	1665.3
1978	0.1	0.0	0.0	82.4	129.2	327.8	202.0	218.3	226.7	89.2	24.1	9.5	1309.3
1979	0.0	0.0	6.5	95.6	169.7	448.5	211.1	281.0	236.0	151.8	83.9	2.2	1686.3
1980	0.0	0.0	0.0	72.8	304.8	282.4	287.0	243.0	161.8	242.7	31.3	0.2	1626.0
1981	0.0	74.3	18.2	149.7	322.8	426.6	221.0	339.0	175.5	76.4	3.1	4.1	1810.7
1982	1.2	0.0	0.0	106.2	137.0	271.2	560.3	166.3	170.7	73.4	20.7	0.2	1507.2
1983	5.1	18.7	0.1	150.2	126.7	282.6	490.3	240.7	219.6	134.0	11.2	0.0	1679.2
1984	0.0	0.0	0.0	40.0	96.7	199.3	193.8	624.0	168.5	86.1	-	15.2	1423.6
1985	0.0	0.0	0.0	-	169.5	196.8	223.9	317.2	80.5	150.5	2.8	0.0	1141.2
1986	0.0	7.5	0.0	78.6	107.9	353.0	442.6	193.3	143.4	123.6	63.4	3.6	1516.9
1987	0.0	5.1	58.1	57.1	183.4	194.9	380.1	417.9	362.5	99.9	29.8	0.6	1789.4
1988	0.0	0.0	0.0	33.8	138.4	270.2	303.5	245.1	249.1	54.8	29.2	22.4	1346.5
1989	0.6	0.3	0.0	4.5	156.6	51.1	-	729.7	107.2	282.2	1.1	23.7	1357.0
1990	0.4	0.0	0.6	103.6	206.4	297.6	127.5	148.7	102.1	76.9	91.0	0.0	1154.8
AVE	1.4	5.9	7.9	75.5	175.4	253.0	291.1	305.1	170.4	134.1	39.4	7.6	1466.8
MAX	11.9	74.3	58.1	183.1	402.9	448.5	615.7	729.7	362.5	287.6	103.9	44.2	3322.4
MIN	0.0	0.0	0.0	4.5	39.3	51.1	118.2	102.9	61.7	23.8	1.1	0.0	402.6

(38) Station : SAN JUAN DE PAYARA

(4406)

MONTHLY RAINFALL

(Unit : mm)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
1967	1.2	0.0	4.0	33.8	85.1	372.6	366.0	247.7	176.1	189.1	29.8	8.2	1513.6
1968	0.0	0.0	19.3	86.2	39.3	261.0	197.6	102.9	191.0	44.7	29.3	0.0	971.3
1969	0.0	35.1	16.5	30.5	97.8	161.8	615.7	478.2	61.7	69.3	46.0	5.0	1617.6
1970	2.2	17.7	0.0	29.1	99.0	178.5	337.6	323.3	177.7	417.3	49.3	15.6	1647.3
1971	1.0	0.0	0.0	38.3	187.1	168.6	156.0	285.5	110.0	90.8	12.5	0.7	1050.5
1972	12.5	0.2	0.0	21.2	283.2	137.0	169.6	61.0	135.7	86.8	5.7	0.4	913.3
1973	0.0	11.6	0.0	15.3	69.5	239.5	219.8	170.6	250.7	81.0	99.2	11.8	1169.0
1974	0.0	0.0	0.0	1.6	175.6	99.8	213.7	184.7	242.1	93.6	46.5	0.0	1057.6
1975	0.0	0.0	1.4	-	222.3	72.6	232.5	338.7	255.4	127.8	18.0	7.2	1275.9
1976	5.3	0.0	4.2	118.6	142.0	268.1	430.0	155.6	186.6	186.6	26.5	0.0	1523.5
1977	0.0	0.0	40.6	0.3	312.7	268.4	237.7	371.3	222.5	72.1	27.4	0.0	1553.0
1978	0.0	0.0	1.0	92.3	185.8	551.8	264.9	448.2	160.7	197.5	-	0.2	1902.4
1979	0.0	0.0	27.7	102.2	125.0	372.4	559.1	62.6	389.1	88.9	99.0	4.2	1830.2
1980	0.0	0.0	6.4	31.7	330.3	298.9	683.1	301.8	205.6	-	430.2	5.2	2293.2
1981	0.0	0.0	35.0	115.8	384.8	432.9	19.1	564.5	122.6	17.1	-	18.7	1710.5
1982	0.0	0.0	0.0	184.8	138.6	162.4	369.9	262.5	193.1	27.8	22.8	0.7	1362.6
1983	2.1	4.8	0.2	57.0	159.7	270.0	348.6	378.5	163.2	144.8	0.3	0.0	1529.2
1984	0.0	0.0	0.0	26.6	63.5	175.5	453.8	305.0	168.6	23.2	25.0	20.0	1261.2
1985	0.0	0.0	0.0	-	143.2	294.1	273.2	456.5	147.7	25.0	-	120.5	1460.2
1986	0.8	18.1	0.0	14.5	138.2	458.0	297.1	226.4	199.8	156.7	37.7	7.1	1554.4
1987	0.0	0.0	10.6	147.8	184.5	144.3	335.1	315.4	167.2	188.4	29.0	14.3	1536.6
1988	0.0	3.6	0.0	-	233.3	335.5	159.6	380.2	229.2	134.3	110.6	1.7	1588.0
1989	0.0	0.0	0.0	9.0	181.5	229.5	365.5	142.9	91.9	94.9	16.5	0.0	1131.7
1990	0.5	0.0	0.6	6.6	168.3	376.9	196.8	202.9	115.7	160.4	10.5	0.0	1239.2
AVE	1.1	3.8	7.0	55.4	172.9	263.8	312.6	282.0	181.8	118.2	55.8	10.1	1464.3
MAX	12.5	35.1	40.6	184.8	384.8	551.8	683.1	564.5	389.1	417.3	430.2	120.5	3814.3
MIN	0.0	0.0	0.0	0.3	39.3	72.6	19.1	61.0	61.7	17.1	0.3	0.0	271.4

(39) Station : SAN VICENTE-REVANCHA

(9006)

MONTHLY RAINFALL

(Unit : mm)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
1967	101.0	10.8	8.5	125.1	154.2	174.6	275.9	226.2	148.8	128.3	121.8	38.0	1513.2
1968	0.0	67.7	219.2	246.8	99.6	418.5	484.7	235.0	106.1	120.1	64.5	88.6	2150.8
1969	42.9	65.5	44.9	222.0	101.1	201.8	104.0	130.2	101.5	292.9	163.1	0.0	1469.9
1970	161.5	156.3	120.9	256.2	96.0	320.9	168.5	164.3	208.1	123.4	94.0	176.2	2046.3
1971	25.5	141.7	194.0	119.3	166.8	443.4	371.6	176.9	147.3	107.3	69.7	105.2	2068.7
1972	314.7	148.9	67.1	297.5	177.1	411.2	441.6	448.4	130.5	149.6	64.3	38.8	2689.7
1973	140.5	9.0	72.4	72.6	251.1	293.6	285.7	147.3	152.8	91.9	196.8	9.0	1722.7
1974	32.0	56.9	33.6	142.6	151.4	157.3	160.2	305.3	372.9	293.9	434.5	2.1	2142.7
1975	76.7	22.4	169.6	242.0	243.4	522.0	278.8	125.0	182.2	79.8	95.8	172.0	2209.7
1976	132.3	135.6	307.4	197.8	263.4	669.4	385.4	173.4	121.2	83.4	65.6	142.0	2676.9
1977	5.0	37.4	137.6	116.8	99.6	266.4	363.0	167.8	126.0	133.6	44.4	19.8	1517.4
1978	26.4	95.2	162.0	202.8	251.6	387.2	327.4	107.8	199.6	74.8	149.8	260.8	2245.4
1979	2.8	5.6	100.2	151.6	130.0	73.4	198.0	335.6	181.6	147.2	88.8	100.8	1515.6
1980	20.8	10.6	137.0	261.2	135.4	417.2	213.8	91.2	177.2	108.8	100.0	31.6	1704.8
1981	8.4	82.6	15.4	314.4	249.8	283.4	125.6	253.0	232.9	171.2	87.0	143.2	1966.9
1982	39.2	114.4	97.6	255.0	112.8	365.4	278.2	97.4	111.0	87.8	106.4	7.4	1672.6
1983	91.4	61.8	84.8	177.0	137.2	350.6	352.6	272.0	112.8	46.4	8.6	48.4	1743.6
1984	70.6	127.0	54.0	128.0	162.0	349.6	222.2	209.6	92.0	103.2	231.0	56.0	1805.2
1985	1.8	47.6	466.6	175.4	184.2	435.8	156.6	157.0	136.6	183.0	165.4	86.8	2196.8
1986	20.0	60.0	208.4	133.6	155.0	221.2	127.2	182.0	170.4	137.0	86.2	151.6	1652.6
1987	112.6	40.2	63.6	74.2	225.0	130.4	378.0	73.6	122.0	134.6	64.0	86.6	1504.8
1988	0.0	33.4	30.6	84.2	80.6	168.2	197.2	174.8	291.8	183.6	173.0	75.4	1492.8
1989	105.0	106.6	87.4	57.6	346.2	366.2	297.0	121.4	133.1	138.0	73.8	67.0	1899.3
1990	121.6	76.8	162.4	156.0	336.0	389.0	279.4	235.4	92.6	119.0	139.4	100.4	2208.0
AVE	68.9	71.4	126.9	175.4	179.6	325.7	269.7	192.1	160.5	135.0	120.3	83.7	1909.0
MAX	314.7	156.3	466.6	314.4	346.2	669.4	484.7	448.4	372.9	293.9	434.5	260.8	4562.8
MIN	0.0	5.6	8.5	57.6	80.6	73.4	104.0	73.6	92.0	46.4	8.6	0.0	550.3

(40) Station : EL RODEO-EXPERIMENT OCCIDENTE

(1297)

MONTHLY RAINFALL

(Unit : mm)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
1967	2.0	0.0	5.0	72.0	182.0	114.0	295.0	145.0	78.0	56.0	20.0	23.0	992.0
1968	0.1	0.0	1.2	131.6	75.8	120.8	224.6	88.9	33.1	38.6	5.7	9.9	730.3
1969	5.1	1.3	0.5	127.7	123.0	130.8	131.1	203.1	15.0	110.4	129.8	51.7	1029.5
1970	17.7	2.4	0.6	34.7	112.8	281.4	152.9	198.6	145.0	53.8	17.3	46.4	1063.6
1971	6.7	0.0	0.0	21.5	93.0	92.3	220.6	96.7	72.6	38.1	101.8	0.9	744.2
1972	42.2	3.8	16.0	118.3	105.6	135.5	228.9	186.6	66.5	24.7	40.7	48.5	1017.3
1973	9.0	0.0	12.4	202.5	39.0	118.4	133.9	119.1	141.0	106.3	9.2	0.0	890.8
1974	0.0	6.2	0.0	7.2	90.8	59.7	165.0	131.0	71.7	77.0	103.1	10.2	721.9
1975	2.5	0.0	20.9	3.3	108.8	155.0	113.6	144.0	142.7	124.4	58.1	55.5	928.8
1976	0.0	0.5	0.2	129.9	209.6	220.9	186.8	41.9	85.5	41.8	12.4	43.5	973.0
1977	0.0	0.0	60.3	-	170.3	-	265.0	161.4	69.8	106.4	20.1	12.9	866.2
1978	2.6	0.0	9.4	115.2	231.5	194.1	203.9	97.3	75.6	66.2	78.5	24.5	1098.8
1979	0.0	0.0	65.7	83.3	185.7	120.8	123.4	189.0	64.6	56.8	63.6	38.1	991.0
1980	1.2	0.0	9.6	19.2	123.3	156.2	264.2	101.1	106.2	147.9	78.5	14.0	1021.4
1981	0.5	47.6	7.1	284.6	157.2	191.6	134.3	158.2	153.3	116.8	37.7	59.8	1348.7
1982	10.2	1.8	0.0	159.7	127.2	132.6	209.3	122.3	72.2	68.6	19.8	73.2	996.9
1983	2.2	0.0	8.5	103.0	155.3	194.2	175.0	207.2	91.4	146.0	45.1	55.8	1183.7
1984	0.0	0.2	0.0	18.0	47.2	182.4	176.0	188.0	146.3	101.2	280.8	8.5	1148.6
1985	0.0	0.0	2.0	32.6	135.5	145.2	152.4	140.4	100.6	112.6	75.8	31.0	928.1
1986	8.1	17.3	0.0	34.7	77.6	177.1	103.3	157.6	140.9	108.8	69.8	55.2	950.4
1987	0.0	0.0	0.9	29.9	48.9	175.2	183.7	195.4	63.2	132.8	110.0	82.4	1022.4
1988	0.0	0.0	0.0	7.3	16.8	127.1	211.1	134.1	138.7	101.2	75.2	0.0	811.5
1989	0.0	25.0	7.3	3.4	105.1	159.4	77.8	59.1	73.1	69.1	37.2	3.0	619.5
1990	-	-	-	-	-	-	-	-	-	-	-	-	-
AVE	4.8	4.6	9.9	79.1	118.3	153.8	179.6	142.0	93.3	87.2	64.8	32.5	970.1
MAX	42.2	47.6	65.7	284.6	231.5	281.4	295.0	207.2	153.3	147.9	280.8	82.4	2119.6
MIN	0.0	0.0	0.0	3.3	16.8	59.7	77.8	41.9	15.0	24.7	5.7	0.0	244.9

(41) Station : NIRGUA
(1373)

MONTHLY RAINFALL													(Unit : mm)
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
1967	10.1	2.9	36.6	89.8	128.2	126.4	131.3	69.3	24.5	51.5	57.7	46.5	774.8
1968	0.2	8.0	31.4	162.4	68.1	137.3	136.2	110.1	63.9	136.1	7.0	24.2	884.9
1969	64.2	30.9	32.3	63.6	52.0	66.3	73.9	61.0	38.3	163.8	155.4	136.7	938.4
1970	13.7	9.5	6.6	79.5	94.7	152.1	145.4	129.7	105.5	34.7	114.3	104.5	990.2
1971	2.5	27.5	2.4	39.5	115.6	91.6	119.0	173.4	99.1	60.6	119.5	5.5	856.2
1972	14.7	48.9	40.2	140.5	203.4	78.4	119.9	81.2	57.8	68.8	43.1	50.3	947.2
1973	21.0	1.9	16.0	91.0	92.3	91.7	81.7	91.8	127.0	103.1	86.4	11.4	815.3
1974	2.4	1.2	0.0	7.2	143.6	56.5	97.1	108.4	140.8	186.2	60.9	5.5	809.8
1975	4.8	1.9	18.9	5.7	218.3	62.1	122.9	96.9	142.9	111.8	72.1	80.4	938.7
1976	0.4	10.9	17.1	130.6	163.6	112.3	178.6	42.0	93.9	111.6	70.0	40.0	971.0
1977	0.2	0.0	71.9	0.1	89.9	103.0	156.6	88.2	48.2	69.7	70.3	2.0	700.1
1978	15.0	0.0	9.2	161.2	217.7	225.4	137.0	46.3	58.9	49.4	61.3	31.2	1012.6
1979	0.0	3.7	3.6	57.1	134.3	111.1	60.6	49.6	56.2	369.8	75.1	24.0	945.1
1980	27.8	0.0	0.0	17.6	127.8	82.5	85.5	84.9	46.1	59.4	45.4	13.9	590.9
1981	2.4	101.0	0.6	300.0	74.4	56.9	70.0	78.7	83.3	117.7	67.4	37.3	989.7
1982	4.3	12.7	2.0	177.9	108.2	63.9	124.8	95.2	60.0	62.6	50.4	37.2	799.2
1983	7.6	0.0	42.0	151.9	181.8	102.8	106.4	141.7	70.1	55.9	158.5	33.6	1052.3
1984	30.3	2.9	0.1	79.3	49.4	139.2	104.8	113.5	129.9	41.9	52.2	30.0	773.5
1985	0.6	2.1	31.2	54.2	38.1	71.2	47.2	158.2	42.3	99.1	75.8	28.6	648.6
1986	3.4	8.4	17.1	88.8	141.8	94.8	70.6	51.6	86.3	102.5	40.9	23.8	730.0
1987	3.3	13.5	35.9	77.4	116.6	113.2	121.3	106.7	60.6	91.1	55.2	3.0	797.8
1988	0.0	6.3	0.0	5.8	53.9	96.1	41.8	190.9	200.9	111.7	146.9	53.8	908.1
1989	7.3	59.2	2.8	3.8	79.0	89.8	127.2	22.8	124.2	87.7	28.2	13.4	645.4
1990	23.9	32.2	8.4	53.0	149.4	90.2	100.6	64.9	26.1	129.3	37.2	7.4	722.6
AVE	10.8	16.1	17.8	84.9	118.4	100.6	106.7	94.0	82.8	103.2	73.0	35.2	843.4
MAX	64.2	101.0	71.9	300.0	218.3	225.4	178.6	190.9	200.9	369.8	158.5	136.7	2216.2
MIN	0.0	0.0	0.0	0.1	38.1	56.5	41.8	22.8	24.5	34.7	7.0	2.0	227.5

(42) Station : EL NULA
(4090)

MONTHLY RAINFALL													(Unit : mm)
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
1967	41.2	15.8	36.8	262.7	259.9	494.9	529.7	404.5	348.6	188.5	173.6	79.0	2835.2
1968	1.8	45.0	8.7	45.5	183.4	348.1	368.9	357.1	291.7	476.9	163.7	28.3	2319.1
1969	61.6	51.7	49.0	164.4	204.5	232.4	291.4	210.3	149.3	474.7	182.3	114.1	2185.7
1970	64.2	27.9	49.3	126.7	286.7	392.1	399.6	145.8	251.1	382.2	390.7	108.5	2624.8
1971	0.0	0.0	0.0	67.5	450.5	283.5	369.2	209.5	148.3	227.0	289.3	141.1	2185.9
1972	178.8	152.6	234.2	380.6	584.3	481.4	437.9	330.4	228.6	363.8	167.2	54.0	3593.8
1973	12.7	3.3	32.3	114.6	198.8	212.0	379.8	174.5	488.2	274.6	384.5	84.8	2360.1
1974	32.0	56.9	33.6	142.6	151.4	157.3	160.2	305.3	372.9	293.9	434.5	2.1	2142.7
1975	30.6	10.4	61.7	107.6	306.5	275.1	445.8	195.1	247.6	248.8	171.1	100.4	2200.7
1976	112.1	88.8	198.7	223.4	268.2	532.8	354.9	370.9	207.9	294.8	135.7	104.7	2892.9
1977	13.7	3.5	128.9	139.1	356.7	492.5	337.8	358.3	366.8	344.0	269.6	40.3	2851.2
1978	49.8	11.2	117.0	355.2	299.5	378.5	243.6	297.3	290.2	228.8	286.2	200.3	2757.6
1979	0.1	3.5	171.0	386.4	320.2	457.9	425.1	328.9	343.1	241.8	182.2	198.5	3058.7
1980	20.3	13.3	64.7	279.9	319.7	335.3	222.2	306.4	256.8	363.6	158.1	23.3	2363.6
1981	0.4	207.4	56.0	540.6	475.3	611.2	262.4	263.7	364.4	352.0	195.2	213.2	3541.8
1982	32.3	64.7	50.7	560.2	447.3	559.4	346.5	199.2	325.3	396.9	127.3	94.5	3204.3
1983	88.7	121.6	84.6	279.2	428.4	485.3	269.6	412.4	266.6	433.6	38.3	113.5	3021.8
1984	23.1	101.8	21.4	149.7	326.3	573.9	290.6	363.7	417.8	310.9	152.0	74.1	2805.3
1985	3.8	5.4	80.9	224.5	483.1	430.0	332.0	241.1	253.9	256.9	362.4	83.0	2757.0
1986	28.8	59.1	51.3	135.3	524.8	641.5	495.3	351.3	344.4	461.9	230.8	124.8	3449.3
1987	17.6	42.6	61.5	98.3	216.1	420.6	324.8	310.3	326.7	330.6	156.1	99.8	2405.0
1988	17.1	33.2	7.7	57.8	188.9	413.1	319.0	304.8	476.7	308.8	270.1	175.0	2572.2
1989	43.4	41.9	76.4	51.4	316.0	386.3	298.2	281.2	292.4	325.2	290.3	13.2	2415.9
1990	124.3	181.9	140.4	141.3	525.6	426.3	283.1	340.3	180.1	362.6	420.0	114.3	3240.2
AVE	41.6	56.0	75.7	209.8	338.4	417.6	341.2	294.3	301.6	331.0	234.6	99.4	2741.0
MAX	178.8	207.4	234.2	560.2	584.3	641.5	529.7	412.4	488.2	476.9	434.5	213.2	4961.3
MIN	0.0	0.0	0.0	45.5	151.4	157.3	160.2	145.8	148.3	188.5	38.3	2.1	1037.4

(43) Station : LA PORFIA

(4140)

MONTHLY RAINFALL

(Unit : mm)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
1967	1.7	0.0	2.7	105.0	105.9	294.2	581.9	388.5	113.6	219.2	61.8	7.1	1881.6
1968	0.0	0.0	0.0	251.2	200.8	290.6	266.3	227.8	212.8	193.0	68.0	20.7	1731.2
1969	42.5	10.4	120.7	88.8	243.8	386.1	340.8	164.9	154.1	188.0	107.9	20.0	1868.0
1970	27.8	0.0	31.7	92.9	149.3	331.9	355.9	304.4	367.0	95.4	34.9	8.2	1799.4
1971	31.0	5.7	38.9	114.2	183.6	359.7	310.4	265.5	240.0	247.3	94.1	33.6	1924.0
1972	17.5	8.1	46.2	135.3	217.4	355.0	293.7	189.7	270.4	105.7	47.3	14.6	1700.9
1973	3.7	0.0	60.4	191.8	251.7	144.3	242.9	274.0	256.0	99.4	83.3	3.7	1611.2
1974	3.3	0.8	0.0	72.9	92.2	102.2	313.3	183.5	215.3	184.0	82.3	6.6	1256.4
1975	0.9	0.0	64.5	80.3	129.0	340.7	276.2	216.0	281.0	221.1	71.0	36.7	1717.4
1976	10.5	1.2	15.0	130.5	169.1	255.8	220.8	214.9	220.2	85.3	2.8	18.9	1345.0
1977	0.0	0.0	34.4	24.7	207.9	329.1	284.0	242.9	229.1	264.4	79.5	27.0	1723.0
1978	0.2	0.0	45.6	112.3	244.8	387.7	191.0	227.6	399.3	232.3	81.3	41.5	1963.6
1979	0.0	0.0	19.3	238.5	109.8	472.3	255.9	218.9	119.5	275.2	164.4	61.3	1935.1
1980	0.1	20.6	9.0	119.2	266.6	357.8	316.7	180.7	221.1	111.4	111.7	25.4	1740.3
1981	0.0	34.5	196.9	294.6	208.7	330.3	199.5	203.5	255.3	257.8	36.4	78.4	2095.9
1982	0.0	0.5	44.7	168.2	374.0	366.4	316.1	379.3	163.5	188.0	45.8	25.1	2071.6
1983	0.6	19.1	14.2	183.9	279.7	276.8	321.9	254.9	70.5	65.9	54.3	17.3	1559.1
1984	16.0	1.8	0.0	116.5	187.2	296.4	75.0	236.9	104.7	119.4	49.1	3.0	1206.0
1985	0.0	0.0	7.8	70.9	200.2	350.3	302.3	258.5	241.5	263.7	127.1	1.5	1823.8
1986	0.2	4.6	26.4	129.9	208.8	420.6	357.3	347.6	119.5	435.5	215.7	8.8	2274.9
1987	0.6	6.2	110.6	71.7	241.2	310.3	267.8	229.1	116.0	282.2	126.1	3.7	1765.5
1988	0.0	0.5	0.2	42.3	76.4	380.7	328.6	280.0	261.6	120.4	110.8	15.9	1617.4
1989	11.5	59.2	1.4	7.8	186.9	295.8	255.3	196.3	183.4	187.3	10.2	0.0	1395.1
1990	15.2	4.2	146.9	167.3	268.8	336.7	264.4	174.3	162.9	134.6	116.9	2.8	1795.0
AVE	7.6	7.4	43.2	125.4	200.2	323.8	289.1	244.2	207.4	190.7	82.6	20.1	1741.7
MAX	42.5	59.2	196.9	294.6	374.0	472.3	581.9	388.5	399.3	435.5	215.7	78.4	3538.8
MIN	0.0	0.0	0.0	7.8	76.4	102.2	75.0	164.9	70.5	65.9	2.8	0.0	565.5

(44) Station : LA VICTORIA

(4175)

MONTHLY RAINFALL

(Unit : mm)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
1967	41.2	15.8	36.8	262.7	259.9	494.9	529.7	404.5	348.6	188.5	173.6	79.0	2835.2
1968	0.0	0.0	0.0	210.2	283.0	351.4	357.8	370.6	194.9	250.9	71.8	54.6	2145.2
1969	90.9	97.2	23.4	251.2	200.8	290.6	321.4	342.0	113.9	106.6	185.7	7.0	2030.7
1970	0.0	0.0	0.0	134.8	151.8	416.9	477.4	65.9	334.7	202.6	151.1	57.1	1992.3
1971	18.7	13.0	85.9	207.9	339.7	248.4	408.4	342.5	225.9	157.1	268.8	47.4	2363.7
1972	87.7	26.1	74.6	280.4	290.5	230.7	386.7	265.1	205.5	241.7	171.5	13.5	2274.0
1973	10.1	1.0	7.9	219.7	196.1	308.0	302.1	149.3	222.4	209.6	428.9	43.8	2098.9
1974	8.4	31.2	13.9	76.8	266.0	210.4	204.0	171.1	226.9	106.0	198.7	11.0	1524.4
1975	7.8	1.4	78.3	95.2	276.0	279.9	290.8	226.0	353.2	349.0	265.3	95.9	2318.8
1976	43.2	21.9	64.7	275.5	258.7	430.1	327.6	189.5	229.3	155.7	144.6	37.3	2178.1
1977	0.0	2.2	40.4	36.3	202.6	305.9	263.4	240.4	137.7	112.7	266.6	10.7	1618.9
1978	0.2	0.1	59.2	311.2	262.7	509.0	319.6	231.3	147.7	266.3	313.5	57.4	2478.2
1979	0.0	0.0	118.2	296.5	140.6	295.4	188.3	253.0	228.2	275.3	169.1	209.9	2174.5
1980	1.1	1.2	65.6	168.6	305.6	393.5	293.5	269.8	131.3	320.9	94.2	7.9	2053.2
1981	3.1	173.1	77.6	308.2	308.2	313.9	159.1	248.5	212.3	234.5	65.8	93.1	2197.4
1982	16.8	15.6	23.1	425.1	504.4	327.0	277.4	183.0	148.8	268.7	75.4	93.4	2358.7
1983	20.4	58.9	96.7	165.9	301.6	191.7	271.9	235.8	275.2	185.4	79.9	46.6	1930.0
1984	46.5	38.3	1.5	79.0	196.7	259.1	213.4	171.2	371.7	183.9	152.5	169.2	1883.0
1985	0.0	11.0	12.2	119.2	283.7	263.6	166.5	220.5	222.4	203.9	155.0	89.0	1747.0
1986	6.3	74.6	7.1	95.9	314.8	707.4	227.9	305.1	227.7	469.1	83.8	74.4	2594.1
1987	46.7	17.7	65.7	103.0	30.8	38.8	351.3	273.0	275.5	284.2	216.0	32.5	1735.2
1988	0.0	2.0	1.8	73.8	182.1	229.4	188.3	139.4	161.5	428.1	325.4	60.4	1792.2
1989	35.2	69.4	7.0	23.7	175.1	220.7	181.1	113.0	289.7	168.3	90.0	6.2	1379.4
1990	61.9	26.7	17.5	266.4	423.4	381.2	216.0	296.1	44.5	179.6	178.6	63.6	2155.5
AVE	22.8	29.1	40.8	187.0	256.5	320.7	288.5	237.8	222.1	231.2	180.2	60.9	2077.4
MAX	90.9	173.1	118.2	425.1	504.4	707.4	529.7	404.5	371.7	469.1	428.9	209.9	4432.9
MIN	0.0	0.0	0.0	23.7	30.8	38.8	159.1	65.9	44.5	106.0	65.8	6.2	540.8

(45) Station : MAPORAL
(2208)

YEAR	MONTHLY RAINFALL												TOTAL
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1967	27.3	0.3	18.8	44.1	146.1	302.4	257.4	200.3	9.7	153.3	22.4	72.0	1254.1
1968	0.6	1.3	8.8	102.9	171.9	239.5	284.0	186.2	87.0	111.7	30.8	54.2	1278.9
1969	8.6	15.0	5.7	175.4	114.8	135.3	174.8	221.1	63.4	205.0	127.9	61.7	1308.7
1970	14.8	16.2	5.0	78.5	96.7	138.1	163.8	139.3	161.0	134.8	8.8	147.8	1104.8
1971	19.7	13.9	16.2	103.8	228.1	183.3	210.3	38.4	132.7	113.4	97.9	13.8	1171.5
1972	94.8	25.2	41.0	212.8	236.6	148.7	258.3	154.6	173.7	70.9	98.2	62.7	1577.5
1973	12.0	0.0	24.3	208.7	53.4	157.7	133.6	181.9	131.9	104.3	39.5	1.0	1048.3
1974	1.6	7.2	0.7	16.5	129.4	102.6	193.1	226.7	158.8	84.6	140.0	3.3	1064.5
1975	3.7	11.5	36.8	21.5	111.4	179.5	87.0	163.7	116.3	175.8	111.6	73.0	1091.8
1976	6.1	1.1	5.4	164.2	310.8	267.0	240.9	104.3	50.0	127.1	85.4	28.2	1390.5
1977	1.2	0.2	51.4	0.1	126.4	245.6	290.6	147.1	70.2	171.3	95.6	15.6	1215.3
1978	3.4	0.0	0.0	217.6	286.3	245.5	167.2	110.0	146.1	86.2	117.4	24.3	1404.0
1979	0.3	0.8	102.5	157.0	122.4	181.3	141.3	247.7	120.5	152.6	168.6	86.0	1481.0
1980	1.0	0.0	4.3	33.8	148.1	203.0	245.9	105.4	128.4	122.7	125.2	43.8	1161.6
1981	0.1	74.4	18.2	414.3	291.2	255.7	152.8	86.8	178.2	234.7	36.3	83.9	1826.6
1982	46.1	10.9	0.7	299.3	241.5	211.6	270.6	130.3	111.2	99.6	18.2	43.7	1483.7
1983	44.9	0.0	8.5	177.6	351.9	138.6	228.1	167.7	101.3	202.5	53.5	101.1	1575.7
1984	1.1	9.8	0.2	74.9	79.3	153.2	161.4	142.6	163.8	166.9	157.3	36.3	1146.8
1985	0.0	0.1	44.6	84.2	133.8	278.9	171.1	146.4	139.0	173.3	67.2	52.8	1291.4
1986	9.2	5.3	14.1	99.0	256.4	308.2	175.9	237.2	138.4	-	245.5	36.3	1525.5
1987	2.0	0.0	0.2	85.2	137.6	175.2	183.7	195.4	63.2	132.8	110.0	82.4	1167.7
1988	0.3	12.0	0.0	32.5	-	134.8	187.2	222.2	139.9	169.6	156.6	46.9	1102.0
1989	7.0	67.6	19.9	0.6	82.4	174.9	171.7	100.6	68.2	136.5	124.0	5.8	959.2
1990	54.8	7.8	21.3	84.8	242.7	226.8	169.5	74.2	144.7	201.5	46.3	23.8	1298.2
AVE	15.0	11.7	18.7	120.4	178.2	199.5	196.7	155.4	116.6	144.8	95.2	50.0	1302.2
MAX	94.8	74.4	102.5	414.3	351.9	308.2	290.6	247.7	178.2	234.7	245.5	147.8	2690.6
MIN	0.0	0.0	0.0	0.1	53.4	102.6	87.0	38.4	9.7	70.9	8.8	1.0	371.9

(46) Station : CUZ MACHADERA
(2221)

YEAR	MONTHLY RAINFALL												TOTAL
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1967	2.0	0.0	5.0	72.0	182.0	114.0	295.0	145.0	78.0	56.0	20.0	23.0	992.0
1968	0.0	0.0	0.0	-	-	-	81.6	195.4	134.2	182.7	53.2	69.2	716.3
1969	73.7	33.0	7.5	364.7	218.4	308.3	266.5	164.9	84.0	235.2	220.7	136.0	2112.9
1970	61.9	173.2	51.3	78.3	83.9	208.8	106.3	139.5	254.2	137.7	172.2	260.0	1727.3
1971	59.7	19.2	14.2	179.6	220.6	252.0	334.9	50.1	159.0	207.8	134.6	22.9	1654.6
1972	121.9	141.5	108.0	266.2	423.1	354.1	340.9	232.9	153.8	109.9	154.2	127.2	2533.7
1973	25.0	4.8	29.0	214.5	86.2	244.9	208.6	233.2	92.8	181.3	114.3	37.0	1471.6
1974	0.0	6.2	0.0	7.2	90.8	59.7	165.0	131.0	71.7	77.0	103.1	10.2	721.9
1975	28.8	24.0	116.2	36.1	268.8	270.3	167.4	130.7	117.9	178.9	198.0	278.2	1815.3
1976	40.2	25.1	47.8	308.9	351.9	504.7	492.2	216.0	144.2	73.6	92.2	41.0	2337.8
1977	16.4	8.6	44.6	12.4	276.8	406.8	334.2	269.0	179.4	118.2	110.6	31.6	1808.6
1978	45.0	5.2	28.4	113.2	305.6	356.0	274.4	154.4	171.0	141.2	120.0	42.2	1756.6
1979	5.4	1.8	78.0	183.2	309.0	311.6	177.3	197.4	102.4	326.2	140.4	0.0	1832.7
1980	22.0	1.2	11.6	106.0	178.0	386.3	254.4	211.4	129.6	171.4	116.6	69.6	1658.1
1981	17.8	180.4	65.4	444.6	394.2	556.0	122.6	169.6	201.2	250.0	123.0	212.0	2736.8
1982	50.0	23.4	9.4	311.0	336.6	424.6	495.6	188.4	62.8	89.6	162.0	101.2	2254.6
1983	109.6	20.8	86.8	395.8	284.4	252.8	247.4	165.2	124.2	157.4	82.8	142.2	2069.4
1984	7.4	27.6	10.3	74.3	65.8	274.4	139.6	147.7	218.1	30.3	356.8	32.0	1384.3
1985	3.0	48.4	50.7	69.5	139.1	166.2	369.5	150.7	161.0	326.2	88.8	125.4	1698.5
1986	43.6	73.3	27.4	143.1	184.2	439.7	272.0	363.5	190.5	172.3	266.2	76.0	2251.8
1987	19.6	16.2	30.1	45.6	196.9	227.0	406.1	138.9	184.7	143.8	123.0	54.2	1586.1
1988	2.4	32.3	3.4	92.8	10.3	235.4	176.8	141.7	332.7	357.1	185.0	33.6	1603.5
1989	11.1	143.4	34.0	39.7	17.0	238.6	106.7	92.0	199.8	62.7	320.2	84.9	1350.1
1990	70.4	57.5	60.7	210.7	270.6	489.1	217.0	194.7	150.3	211.9	179.0	37.6	2149.5
AVE	34.9	44.5	38.3	163.9	212.8	307.9	252.2	176.0	154.1	166.6	151.5	85.3	1787.9
MAX	121.9	180.4	116.2	444.6	423.1	556.0	495.6	363.5	332.7	357.1	356.8	278.2	4026.1
MIN	0.0	0.0	0.0	7.2	10.3	59.7	81.6	50.1	62.8	30.3	20.0	0.0	322.0

(47) Station : EL AMPARO

(4194)		MONTHLY RAINFALL											(Unit : mm)
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
1967	41.2	15.8	36.8	262.7	259.9	494.9	529.7	404.5	348.6	188.5	173.6	79.0	2835.2
1968	0.0	0.0	0.0	210.2	283.0	351.4	357.8	370.6	194.9	250.9	71.8	54.6	2145.2
1969	90.9	97.2	23.4	251.2	200.8	290.6	321.4	342.0	113.9	106.6	185.7	7.0	2030.7
1970	91.5	30.3	56.8	134.8	151.8	414.5	342.9	237.8	206.2	125.2	7.1	54.5	1853.4
1971	0.0	6.4	72.5	163.4	128.8	250.7	354.1	169.3	242.9	135.1	96.7	54.5	1674.4
1972	28.3	91.3	149.3	275.9	229.9	324.9	450.1	218.6	396.1	144.0	41.2	11.0	2360.6
1973	8.2	0.0	70.9	72.7	183.9	221.1	225.1	237.3	343.4	94.4	141.1	84.3	1682.4
1974	15.0	2.8	5.6	82.6	111.3	188.5	232.1	193.4	148.8	119.2	173.4	2.2	1274.9
1975	7.3	0.0	26.3	20.6	159.1	236.1	255.7	156.6	166.2	120.0	80.4	42.5	1270.8
1976	0.0	0.0	41.7	191.1	271.4	442.3	291.5	284.9	185.0	97.3	81.8	44.9	1931.9
1977	0.0	0.0	35.6	93.3	199.8	299.3	304.8	285.1	119.0	132.1	60.7	7.1	1536.8
1978	0.0	0.0	64.2	156.7	190.9	307.5	313.1	323.4	111.6	143.3	125.8	16.4	1752.9
1979	0.0	0.0	97.6	173.6	212.8	332.2	214.1	259.6	194.7	222.3	401.4	100.8	2209.1
1980	0.0	0.0	11.1	153.9	219.3	345.6	414.3	174.6	79.2	267.2	37.8	1.1	1704.1
1981	0.0	50.9	44.5	331.6	249.1	326.8	405.1	243.1	229.4	105.4	41.3	125.4	2152.6
1982	0.3	1.2	22.6	204.2	351.7	413.2	244.5	190.2	125.6	218.7	71.6	84.3	1928.1
1983	10.6	11.0	59.0	85.5	279.7	276.8	321.9	254.9	70.5	65.9	54.3	17.3	1507.4
1984	35.3	13.0	0.0	119.8	161.2	233.3	186.8	196.8	90.9	78.3	37.5	25.8	1178.7
1985	0.0	0.0	4.1	298.2	203.0	459.3	289.6	190.4	134.9	205.5	127.7	9.0	1921.7
1986	3.1	21.6	4.7	156.6	210.7	416.5	326.3	390.7	135.8	481.4	116.4	31.9	2295.7
1987	1.2	11.6	60.8	96.2	201.0	140.5	326.1	223.8	239.2	203.6	237.7	118.5	1860.2
1988	0.0	5.3	0.0	36.8	154.3	223.9	303.4	250.3	265.2	230.1	145.3	12.8	1627.4
1989	0.0	42.0	41.0	41.0	151.7	261.8	324.2	202.4	207.1	260.9	24.2	0.0	1556.3
1990	3.9	4.6	85.9	199.6	294.7	265.2	141.5	155.0	140.6	105.8	136.2	31.0	1564.0
AVE	14.0	16.9	42.3	158.8	210.8	313.2	311.5	248.1	187.1	170.9	111.3	42.3	1827.3
MAX	91.5	97.2	149.3	331.6	351.7	494.9	529.7	404.5	396.1	481.4	401.4	125.4	3854.7
MIN	0.0	0.0	0.0	20.6	111.3	140.5	141.5	155.0	70.5	65.9	7.1	0.0	712.4

(48) Station : MATA DE CUBARRO

(4294)		MONTHLY RAINFALL											(Unit : mm)
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
1967	41.2	15.8	36.8	262.7	259.9	494.9	529.7	404.5	348.6	188.5	173.6	79.0	2835.2
1968	1.8	45.0	8.7	45.5	183.4	348.1	368.9	357.1	291.7	476.9	163.7	28.3	2319.1
1969	0.0	0.0	0.0	164.4	204.5	232.4	291.4	210.3	149.3	474.7	182.2	22.3	1931.5
1970	35.3	7.9	45.9	160.0	233.0	333.5	291.3	236.1	231.9	174.0	36.6	40.3	1825.8
1971	0.0	1.9	42.2	158.3	147.2	265.8	386.3	146.0	148.6	174.6	96.2	69.8	1636.9
1972	34.1	29.6	115.5	205.3	298.9	238.0	313.3	253.9	283.1	102.1	67.6	16.0	1957.4
1973	0.0	0.0	2.1	78.3	236.8	178.5	352.0	213.0	164.3	310.2	117.5	26.4	1679.1
1974	5.1	8.9	7.0	58.1	200.7	238.1	208.0	231.3	150.3	112.4	99.3	7.0	1326.2
1975	10.6	0.0	32.8	114.1	166.1	302.4	248.9	208.0	192.3	181.4	38.5	21.7	1516.8
1976	7.7	0.3	44.9	302.2	261.6	528.1	285.5	262.8	138.1	143.1	96.3	56.9	2127.5
1977	0.0	0.0	24.6	43.0	219.9	314.7	328.4	257.6	195.8	198.7	109.4	4.3	1696.4
1978	0.0	0.3	40.8	369.6	226.8	405.5	209.8	261.5	171.4	194.1	189.2	33.8	2102.8
1979	0.0	0.0	122.6	227.2	200.7	342.1	346.0	290.9	208.9	293.9	218.8	109.3	2360.4
1980	8.4	0.0	13.8	161.1	304.8	349.7	291.4	175.6	126.9	216.9	83.9	6.1	1738.6
1981	8.4	86.1	98.6	154.5	315.4	232.2	287.7	275.9	180.4	212.0	95.2	118.4	2064.8
1982	4.3	0.7	17.8	161.5	305.4	361.2	355.8	146.7	83.1	236.6	88.8	56.4	1818.3
1983	6.1	25.5	23.4	107.0	221.7	317.3	391.3	304.7	223.7	262.9	150.3	26.1	2060.0
1984	56.7	15.2	47.9	115.0	167.5	239.7	220.5	115.3	162.3	32.7	108.5	18.4	1299.7
1985	0.0	0.0	1.9	156.0	227.2	363.1	240.1	208.5	153.1	242.5	127.2	5.0	1724.6
1986	0.8	17.8	0.5	118.0	171.8	564.5	289.5	453.4	159.9	363.2	130.1	34.5	2304.0
1987	2.5	2.7	66.9	34.5	197.2	207.7	205.8	306.9	194.1	178.7	98.4	49.1	1544.5
1988	-	-	-	-	-	-	-	-	-	-	-	-	-
1989	-	-	-	-	-	-	-	-	-	-	-	-	-
1990	40.5	14.9	106.1	199.5	290.4	310.9	195.7	177.1	122.8	233.2	120.4	20.6	1832.1
AVE	12.0	12.4	40.9	154.4	229.1	325.8	301.7	249.9	185.5	227.4	117.8	38.6	1895.5
MAX	56.7	86.1	122.6	369.6	315.4	564.5	529.7	453.4	348.6	476.9	218.8	118.4	3660.7
MIN	0.0	0.0	0.0	34.5	147.2	178.5	195.7	115.3	83.1	32.7	36.6	4.3	827.9

(49) Station : PASO UAQUIRA

(6360)		MONTHLY RAINFALL											(Unit : mm)
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
1967	10.1	2.9	36.6	89.8	128.2	126.4	131.3	69.3	24.5	51.5	57.7	46.5	774.8
1968	0.2	8.0	31.4	162.4	68.1	137.3	136.2	110.1	63.9	136.1	7.0	24.2	884.9
1969	64.2	30.9	32.3	63.6	52.0	66.3	73.9	61.0	38.3	163.8	155.4	136.7	938.4
1970	0.0	0.0	0.0	79.5	94.7	25.0	193.9	128.8	183.4	157.9	28.7	87.8	979.7
1971	7.4	11.9	2.8	59.8	102.0	120.5	90.1	184.6	121.5	97.3	84.6	16.9	899.4
1972	32.3	18.0	18.2	88.7	160.6	49.6	135.7	130.0	126.1	133.0	30.0	27.1	949.3
1973	28.9	0.0	2.1	93.5	70.2	196.0	84.4	116.5	122.2	75.3	70.5	2.8	862.4
1974	5.2	4.4	0.0	5.1	162.3	70.9	106.3	160.5	67.3	152.6	54.6	1.9	791.1
1975	9.3	4.4	38.6	1.5	109.0	97.6	195.4	250.4	195.3	153.0	71.7	77.5	1203.7
1976	2.9	3.2	11.1	86.5	73.2	116.9	85.9	126.8	161.3	148.2	42.8	8.6	867.4
1977	0.7	0.2	29.4	9.9	58.3	164.1	123.3	163.3	43.0	175.7	86.0	4.3	858.2
1978	5.9	2.0	19.2	109.8	119.1	123.7	131.6	74.9	81.1	69.8	18.9	31.6	787.6
1979	3.9	0.1	4.2	50.2	164.2	77.7	104.9	160.7	18.8	115.0	44.0	50.5	794.2
1980	26.7	0.0	1.1	51.6	24.5	81.2	177.7	96.1	113.0	201.0	45.5	31.2	849.6
1981	13.1	60.7	6.5	284.9	104.0	89.8	84.9	101.2	117.2	58.0	96.3	35.2	1051.8
1982	4.4	6.5	1.7	171.4	115.6	68.9	120.5	106.4	149.0	86.1	90.3	82.4	1003.2
1983	6.0	1.1	12.4	190.2	201.4	90.0	249.0	179.3	83.5	103.8	44.4	37.5	1198.6
1984	21.0	5.4	2.4	42.3	48.8	140.8	218.4	224.7	95.4	50.9	101.8	29.6	981.5
1985	0.0	2.4	9.6	36.1	64.0	87.0	117.5	83.7	152.3	152.4	62.0	28.2	795.2
1986	3.4	0.3	12.6	105.4	121.8	122.0	129.4	133.1	112.2	112.2	46.7	38.7	937.8
1987	0.7	0.8	29.4	52.8	80.1	66.4	129.1	181.4	137.1	107.8	75.7	2.7	864.0
1988	0.1	10.0	2.3	13.5	19.6	122.1	164.7	169.4	166.7	224.0	124.3	56.4	1073.1
1989	25.7	20.2	4.5	4.7	80.4	80.6	108.7	111.8	94.3	94.3	129.0	0.5	754.7
1990	16.9	13.3	26.8	60.0	69.3	86.1	116.1	54.0	47.7	151.3	45.3	3.8	690.6
AVE	12.0	8.6	14.0	79.7	95.5	100.3	133.7	132.4	104.8	123.8	67.2	35.9	908.0
MAX	64.2	60.7	38.6	284.9	201.4	196.0	249.0	250.4	195.3	224.0	155.4	136.7	2056.6
MIN	0.0	0.0	0.0	1.5	19.6	25.0	73.9	54.0	18.8	50.9	7.0	0.5	251.2

(50) Station : CASPITO

(2231)		MONTHLY RAINFALL											(Unit : mm)
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
1967	2.0	0.0	5.0	72.0	182.0	114.0	295.0	145.0	78.0	56.0	20.0	23.0	992.0
1968	0.0	0.0	0.0	-	-	-	-	131.3	139.5	121.7	82.9	68.9	544.3
1969	13.8	54.5	48.2	200.5	175.7	329.8	185.5	172.0	71.9	166.2	150.1	88.9	1657.1
1970	30.8	97.1	15.7	91.6	130.2	188.0	204.6	180.6	257.1	155.1	97.3	138.8	1586.9
1971	35.5	45.5	7.5	128.0	169.9	189.1	295.0	119.5	157.4	241.8	108.4	28.8	1526.4
1972	100.2	140.8	171.9	232.8	269.0	355.5	255.3	173.7	110.1	132.4	170.4	104.4	2216.5
1973	15.0	5.9	29.3	67.2	124.3	183.6	162.7	149.1	99.1	142.7	67.0	8.3	1054.2
1974	0.0	6.2	0.0	7.2	90.8	59.7	165.0	131.0	71.7	77.0	103.1	10.2	721.9
1975	25.2	40.4	102.8	71.2	235.8	185.2	103.8	103.2	173.0	174.4	112.0	156.6	1483.6
1976	21.0	3.2	64.6	241.4	241.5	429.0	327.1	141.5	129.6	89.3	93.0	68.7	1849.9
1977	0.6	2.4	35.0	27.8	270.6	290.6	247.0	168.0	183.8	117.8	114.6	28.6	1486.8
1978	13.6	6.2	69.4	251.4	345.2	245.2	230.0	159.6	152.2	144.6	135.0	73.2	1825.6
1979	2.6	8.6	92.2	230.6	233.8	265.8	209.4	174.0	145.2	195.6	113.1	196.0	1866.9
1980	23.2	0.0	24.6	168.6	210.4	298.8	318.2	199.6	171.4	174.4	44.6	38.2	1672.0
1981	3.6	101.6	42.8	386.0	366.0	455.8	89.6	83.0	148.4	324.2	142.6	158.0	2301.6
1982	32.4	32.8	5.6	242.2	418.2	180.6	285.0	182.4	81.2	113.6	162.2	91.8	1828.0
1983	45.2	46.6	16.0	299.2	350.4	244.6	254.6	140.3	129.5	243.9	102.4	165.8	2038.5
1984	16.8	49.0	3.6	118.4	119.6	250.6	152.2	210.4	214.0	137.8	83.0	23.0	1378.4
1985	0.0	12.0	33.6	61.2	202.4	276.0	181.2	205.4	213.2	269.0	82.0	55.4	1591.4
1986	98.0	74.0	60.6	197.8	280.2	282.0	137.2	288.4	143.0	154.2	200.8	63.8	1980.0
1987	24.6	13.6	33.8	52.2	162.4	156.2	329.2	156.6	137.8	195.4	151.0	17.2	1430.0
1988	0.0	22.2	0.0	76.8	63.8	236.6	117.4	216.0	178.4	295.6	179.8	40.4	1427.0
1989	18.6	150.0	22.6	27.0	172.2	156.2	224.4	74.2	123.8	159.6	133.6	47.6	1309.8
1990	58.6	78.4	77.8	251.4	343.2	293.4	144.0	212.2	134.1	180.5	178.5	24.5	1976.6
AVE	24.2	41.3	40.1	152.3	224.2	246.4	213.6	163.2	143.5	169.3	117.8	71.7	1607.6
MAX	100.2	150.0	171.9	386.0	418.2	455.8	329.2	288.4	257.1	324.2	200.8	196.0	3277.8
MIN	0.0	0.0	0.0	7.2	63.8	59.7	89.6	74.2	71.7	56.0	20.0	8.3	450.5

(51) Station : HACIENDA CAMBURITO

(2246)

MONTHLY RAINFALL

(Unit : mm)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
1967	2.7	2.2	13.0	72.5	126.3	188.7	253.9	273.5	110.1	73.9	39.2	47.3	1203.3
1968	0.3	11.1	8.2	59.8	323.7	380.6	437.9	294.9	346.5	181.1	43.7	65.8	2153.6
1969	14.7	35.0	17.8	366.1	190.7	365.1	230.5	321.3	117.2	286.4	68.8	59.9	2073.5
1970	20.3	0.0	5.9	54.3	120.3	275.8	216.8	217.5	368.5	291.8	20.5	247.6	1839.3
1971	15.8	2.4	9.0	226.1	148.4	345.7	267.7	248.1	227.4	299.8	63.3	12.5	1866.2
1972	48.2	64.8	115.3	255.4	412.1	824.2	267.1	150.6	196.2	166.4	105.7	142.6	2748.6
1973	0.2	0.8	18.7	133.1	118.8	247.0	257.2	180.6	305.8	248.8	67.3	9.2	1587.5
1974	9.0	14.3	33.1	28.9	251.1	232.5	272.2	211.0	243.1	141.6	178.6	13.6	1629.0
1975	4.5	15.1	36.9	35.3	245.2	13.7	372.2	294.9	266.0	221.1	195.2	119.3	1819.4
1976	12.8	7.3	3.9	199.6	223.6	203.8	367.2	171.7	138.0	104.8	67.6	35.0	1535.3
1977	0.0	0.0	40.4	1.4	230.5	232.1	344.7	208.2	207.6	209.8	199.0	2.9	1676.6
1978	33.7	2.5	29.4	192.3	326.5	435.6	337.1	236.0	259.7	243.3	182.9	44.1	2323.1
1979	0.0	0.0	274.5	269.0	389.8	421.4	274.7	254.7	134.2	279.8	126.1	102.9	2527.1
1980	17.1	0.0	10.5	122.9	298.3	543.3	291.2	211.6	220.0	223.3	96.9	40.7	2075.8
1981	4.0	119.1	66.9	232.6	438.1	422.7	243.2	49.7	263.4	239.0	106.1	188.9	2373.7
1982	3.9	21.4	4.0	372.8	424.0	293.6	271.5	238.4	150.3	202.0	96.6	45.8	2124.3
1983	19.7	2.2	29.3	284.4	444.6	341.1	348.0	203.9	16.5	165.2	114.7	41.9	2011.5
1984	3.4	8.6	4.7	61.4	96.8	253.3	210.8	187.2	242.5	257.5	204.3	51.8	1582.3
1985	0.0	1.0	26.0	0.4	355.4	265.5	172.0	155.1	191.6	376.1	85.3	28.2	1656.6
1986	0.5	11.0	48.2	44.6	436.5	472.5	306.0	281.6	46.4	567.9	260.8	88.4	2564.4
1987	3.4	1.0	40.9	59.8	170.5	101.3	561.4	186.5	141.9	147.0	78.1	115.8	1607.6
1988	5.7	5.2	0.0	54.5	85.2	323.0	128.5	441.0	238.6	66.5	447.7	37.4	1833.3
1989	6.2	67.5	2.3	13.1	247.5	213.8	351.9	251.4	128.6	187.5	68.8	76.4	1615.0
1990	61.2	8.0	10.0	175.2	454.6	428.1	116.5	157.0	131.1	365.0	119.6	12.1	2038.4
AVE	12.0	16.7	35.4	138.1	273.3	326.0	287.5	226.1	195.5	231.1	126.5	67.9	1936.1
MAX	61.2	119.1	274.5	372.8	454.6	824.2	561.4	441.0	368.5	567.9	447.7	247.6	4740.5
MIN	0.0	0.0	0.0	0.4	85.2	13.7	116.5	49.7	16.5	66.5	20.5	2.9	371.9

(52) Station : POTRERITOS

(2260)

MONTHLY RAINFALL

(Unit : mm)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
1967	33.2	0.2	1.6	191.3	104.1	432.7	231.0	435.0	217.5	412.1	42.5	80.6	2181.8
1968	3.1	5.2	13.7	115.2	237.9	416.2	321.5	243.5	258.3	178.4	113.7	38.2	1944.9
1969	46.6	60.6	24.3	431.0	332.0	501.7	256.7	419.9	130.6	291.7	267.5	108.8	2871.4
1970	38.9	90.4	25.4	143.1	158.3	293.4	220.2	416.4	274.1	370.1	131.5	185.2	2347.0
1971	33.2	23.4	17.1	251.7	209.1	314.3	240.9	288.0	210.0	248.0	144.4	26.2	2006.3
1972	90.0	48.2	134.5	87.7	331.9	118.0	507.2	154.5	153.7	160.0	129.0	75.7	1990.4
1973	0.1	0.0	22.7	97.0	121.3	225.1	330.8	72.8	240.1	304.0	212.7	14.2	1640.8
1974	31.1	3.7	8.2	36.7	130.0	297.8	87.1	366.3	129.3	257.4	239.2	1.5	1588.3
1975	23.6	2.2	47.9	1.7	397.1	173.2	250.0	2.1	-	525.7	103.6	80.8	1607.9
1976	36.6	19.0	33.2	207.5	295.8	527.7	404.0	250.2	212.1	82.1	300.1	63.3	2431.6
1977	0.1	1.4	32.4	3.5	305.9	433.2	396.4	237.5	308.6	257.8	179.4	1.4	2157.6
1978	23.3	0.0	55.9	162.6	376.9	256.9	376.5	200.1	334.7	311.6	125.0	39.6	2263.1
1979	0.0	3.3	103.4	155.9	224.4	422.8	244.9	195.1	337.8	387.8	234.4	110.2	2420.0
1980	36.9	0.0	24.1	150.0	344.2	357.4	465.7	445.9	196.4	216.4	146.3	55.7	2439.0
1981	4.2	162.2	45.8	71.2	902.2	529.5	261.3	228.9	86.8	689.0	56.4	115.7	3153.2
1982	10.6	55.7	1.4	247.4	487.4	383.8	90.0	467.6	238.7	180.1	137.2	49.2	2349.1
1983	40.0	21.7	13.7	326.3	395.9	266.0	409.1	253.0	400.4	296.5	74.0	67.0	2563.6
1984	0.0	16.8	0.0	25.7	102.8	168.5	139.8	461.5	10.4	-	484.0	64.2	1473.7
1985	0.0	0.0	5.0	35.2	253.4	275.3	192.6	120.2	363.7	138.1	226.7	140.0	1750.2
1986	13.7	15.8	30.9	33.3	-	607.8	474.9	300.1	238.0	-	416.3	40.7	2171.5
1987	75.6	8.5	42.6	-	99.4	189.6	261.3	212.9	318.6	362.3	249.5	61.3	1881.6
1988	0.0	5.2	0.0	97.5	60.2	432.3	260.5	455.9	390.2	-	428.8	0.0	2130.6
1989	44.9	0.0	167.1	-	274.0	178.0	277.8	149.1	301.3	233.4	16.4	63.8	1705.8
1990	35.1	34.1	42.6	213.5	568.0	348.5	345.7	398.5	236.6	396.0	235.4	26.1	2880.1
AVE	25.9	24.1	37.2	140.2	291.8	339.6	293.6	282.3	243.0	299.9	195.6	62.9	2236.0
MAX	90.0	162.2	167.1	431.0	902.2	607.8	507.2	467.6	400.4	689.0	484.0	185.2	5093.7
MIN	0.0	0.0	0.0	1.7	60.2	118.0	87.1	2.1	10.4	82.1	16.4	0.0	378.0

(53) Station : CHABASQUEN

(2261)

MONTHLY RAINFALL

(Unit : mm)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
1967	40.5	21.8	18.0	133.7	446.6	354.8	268.7	218.0	110.6	192.7	119.9	157.1	2082.4
1968	38.8	41.5	72.5	199.1	294.0	231.6	336.1	125.7	160.4	129.4	84.9	55.5	1769.5
1969	45.2	69.3	18.4	277.7	160.1	243.9	196.9	158.2	124.5	289.7	192.1	118.8	1894.8
1970	47.8	190.9	35.2	153.7	136.7	214.2	125.2	207.3	189.6	108.1	89.0	196.8	1694.5
1971	54.4	76.9	34.0	143.2	233.5	245.7	270.5	214.2	130.6	254.9	95.2	72.3	1825.4
1972	314.9	74.2	220.5	241.5	371.5	312.8	299.9	224.6	259.9	100.8	160.1	99.7	2680.4
1973	4.9	2.4	105.9	72.4	173.4	219.7	207.8	115.5	178.9	100.3	178.4	30.4	1390.0
1974	102.3	80.0	40.6	204.1	166.7	135.0	188.4	203.8	200.1	217.3	184.8	1.5	1724.6
1975	23.6	41.8	123.9	128.2	211.5	213.3	218.9	132.6	139.4	235.1	146.0	47.6	1661.9
1976	37.6	33.1	128.8	246.7	212.8	417.5	252.8	194.8	106.2	73.0	125.0	91.4	1919.7
1977	16.0	0.9	55.4	10.2	335.3	371.2	418.7	179.1	223.5	145.6	108.1	14.6	1878.6
1978	26.7	2.6	128.7	201.0	342.4	369.8	222.9	205.5	94.8	88.7	47.7	43.0	1773.8
1979	13.0	4.1	130.5	261.9	276.7	318.7	341.1	181.7	190.8	274.6	257.8	151.5	2402.4
1980	25.5	4.7	14.8	228.8	263.1	287.2	367.9	169.4	95.4	211.3	116.0	98.3	1882.4
1981	0.0	102.4	47.1	108.0	632.2	504.2	123.7	138.5	293.7	246.6	108.2	133.7	2438.3
1982	82.1	100.7	22.3	399.6	356.8	323.9	325.4	213.6	110.0	42.3	206.5	77.4	2260.6
1983	86.5	33.9	58.5	377.0	372.9	275.5	324.3	126.0	233.5	173.0	121.3	178.1	2360.5
1984	50.8	45.6	20.4	73.0	86.2	275.1	200.1	235.0	203.3	122.3	94.7	22.1	1428.6
1985	0.0	0.0	87.7	38.1	154.7	276.4	85.1	338.4	201.0	366.0	169.8	124.7	1841.9
1986	35.4	31.4	14.9	356.6	130.4	463.4	310.1	221.6	186.1	313.9	243.5	74.2	2381.5
1987	17.0	3.9	49.7	30.1	-	-	768.0	78.1	288.6	105.1	125.7	195.1	1661.3
1988	0.0	3.4	26.5	108.4	64.4	145.3	172.0	250.9	99.3	-	462.2	0.0	1332.4
1989	315.3	202.7	37.7	51.2	272.8	141.6	261.0	103.3	31.4	-	319.6	91.9	1828.5
1990	9.2	186.3	101.5	194.9	271.5	351.7	428.4	301.2	158.4	217.8	195.3	94.5	2510.7
AVE	57.8	56.4	66.4	176.6	259.4	291.0	279.7	189.0	167.1	182.2	164.7	90.4	1980.8
MAX	315.3	202.7	220.5	399.6	632.2	504.2	768.0	338.4	293.7	366.0	462.2	196.8	4699.6
MIN	0.0	0.0	14.8	10.2	64.4	135.0	85.1	78.1	31.4	42.3	47.7	0.0	509.0

(54) Station : OSPINO-LA ESTACION

(2266)

MONTHLY RAINFALL

(Unit : mm)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
1967	15.2	2.8	5.9	153.4	175.0	190.6	258.0	248.6	167.9	337.0	45.0	70.6	1670.0
1968	1.4	2.4	4.7	70.3	249.3	384.9	394.0	307.9	201.7	201.0	29.8	62.1	1909.5
1969	21.1	13.9	35.8	358.5	225.0	396.7	238.3	206.2	102.9	167.0	154.6	57.8	1977.8
1970	7.6	88.1	13.2	90.9	142.6	249.1	278.9	227.8	288.2	300.4	49.9	134.1	1870.8
1971	24.0	1.1	16.7	151.1	285.5	410.8	348.6	237.1	205.0	249.5	82.4	28.9	2040.7
1972	103.3	20.9	169.8	244.6	381.8	295.5	307.3	142.2	183.8	226.6	76.4	182.9	2335.1
1973	0.0	0.0	10.8	48.5	124.6	163.6	293.6	150.3	155.1	149.6	84.2	12.9	1193.2
1974	10.1	34.2	5.2	34.4	174.5	165.8	248.8	212.0	298.2	109.0	216.3	7.0	1515.5
1975	2.6	12.2	14.4	53.0	257.8	268.5	290.8	191.3	337.2	210.1	178.5	93.9	1910.3
1976	2.5	0.4	20.1	285.2	322.7	465.4	337.5	194.5	169.8	156.3	51.9	60.5	2066.8
1977	0.6	0.6	41.8	9.7	456.1	263.3	347.6	247.1	222.3	286.0	127.4	8.2	2010.7
1978	10.6	0.0	7.0	351.8	302.7	292.9	304.9	281.1	261.7	269.8	89.0	61.7	2233.2
1979	0.0	14.1	38.8	131.5	315.6	385.7	201.6	168.3	120.8	458.0	132.0	91.0	2057.4
1980	23.1	0.0	14.9	180.5	302.3	390.5	528.0	235.0	229.1	208.5	115.3	26.0	2253.2
1981	0.9	94.7	47.5	-	-	347.8	225.2	225.6	290.3	235.2	101.0	72.2	1640.4
1982	14.3	24.0	8.0	352.9	454.1	208.4	337.6	475.2	192.1	214.4	69.5	41.8	2392.3
1983	28.3	13.2	9.0	221.7	385.1	266.7	284.5	183.5	122.1	34.6	105.1	83.7	1737.5
1984	9.4	13.3	0.3	46.3	102.7	249.0	241.0	339.8	259.9	214.5	150.7	3.4	1630.3
1985	0.0	1.8	12.2	52.0	471.3	260.4	227.9	456.9	259.9	330.8	118.1	40.4	2231.7
1986	27.8	31.2	8.5	122.6	182.3	598.1	271.6	281.3	306.8	169.2	102.0	238.4	2339.8
1987	7.8	4.7	47.4	96.9	142.8	186.0	347.9	193.0	424.4	241.5	150.9	77.7	1921.0
1988	0.2	1.2	0.0	75.0	56.4	499.4	182.4	351.7	183.9	260.4	237.4	30.9	1878.9
1989	0.3	49.2	13.4	39.6	212.7	161.6	235.8	213.0	214.2	188.7	89.4	39.4	1457.3
1990	27.5	17.4	14.6	128.2	470.6	336.0	265.1	227.9	179.4	314.2	156.5	20.6	2158.0
AVE	14.1	18.4	23.3	143.4	269.3	309.9	291.5	249.9	224.0	230.5	113.1	64.4	1951.8
MAX	103.3	94.7	169.8	358.5	471.3	598.1	528.0	475.2	424.4	458.0	237.4	238.4	4157.1
MIN	0.0	0.0	0.0	9.7	56.4	161.6	182.4	142.2	102.9	34.6	29.8	3.4	723.0

(55) Station : HACIENDA SAN RAFAEL
(2286)

YEAR	MONTHLY RAINFALL												TOTAL
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1967	11.5	0.0	5.2	98.1	156.2	228.9	267.8	242.6	178.8	157.8	51.9	26.4	1425.2
1968	0.0	10.1	3.3	47.3	259.2	355.6	338.5	201.8	229.8	74.6	50.8	72.3	1643.3
1969	31.8	35.8	15.8	358.7	197.9	322.8	259.4	230.3	78.3	135.3	103.4	51.5	1821.0
1970	11.4	63.3	9.7	78.3	86.4	144.8	245.9	272.3	288.1	256.9	16.4	84.1	1557.6
1971	20.8	1.5	3.2	174.8	212.3	220.6	247.4	113.7	147.4	138.9	69.7	6.1	1356.4
1972	43.8	6.5	116.2	137.1	250.4	220.3	372.6	111.9	109.9	200.7	66.9	62.2	1698.5
1973	3.2	0.0	4.2	65.8	119.8	142.7	387.6	158.6	253.7	126.6	81.7	42.7	1386.6
1974	9.5	2.9	1.7	35.3	70.9	125.6	164.3	201.3	138.5	124.1	153.4	0.4	1027.9
1975	14.6	0.0	14.7	27.5	224.9	286.8	146.5	175.6	108.7	235.0	74.6	61.6	1370.5
1976	17.1	1.6	9.6	242.2	286.4	436.8	267.0	196.9	132.2	62.4	116.5	29.0	1797.7
1977	0.0	4.1	34.8	1.4	266.7	342.6	369.5	249.1	157.0	136.0	103.5	2.8	1667.5
1978	3.0	0.0	53.0	252.0	290.8	285.6	236.8	165.2	253.3	275.7	40.2	30.9	1886.5
1979	0.0	3.2	71.1	137.3	278.8	270.4	209.0	134.5	263.5	217.9	135.1	78.6	1799.4
1980	11.7	0.0	52.9	136.1	294.7	330.9	425.3	169.0	114.8	206.8	199.2	4.8	1946.2
1981	0.8	103.3	49.5	282.0	358.5	338.9	163.6	147.5	313.4	200.6	131.3	123.4	2212.8
1982	4.6	16.8	0.0	188.9	263.6	231.0	327.5	165.1	125.1	117.1	88.2	36.7	1564.6
1983	17.7	1.4	8.8	108.6	311.6	257.6	170.2	306.8	257.4	211.5	61.3	0.0	1712.9
1984	7.7	19.9	0.0	57.7	90.4	306.7	256.8	339.8	259.9	214.5	150.7	230.2	1934.3
1985	0.0	0.0	6.0	34.9	66.9	-	483.8	425.6	170.2	253.2	107.5	57.2	1605.3
1986	3.8	34.6	8.0	73.7	63.3	-	1020.0	287.3	168.9	225.5	121.4	54.1	2060.6
1987	9.8	0.0	0.0	-	361.2	188.7	87.5	177.4	255.2	142.5	140.3	71.5	1434.2
1988	0.0	10.6	0.0	40.9	19.3	302.8	217.8	156.6	260.2	45.6	204.2	0.0	1258.0
1989	2.8	17.7	4.1	16.4	275.0	108.9	209.4	147.0	50.2	113.6	172.4	17.4	1134.9
1990	7.7	4.2	10.1	114.6	470.3	273.8	202.4	167.3	100.1	191.8	59.4	4.9	1606.6
AVE	9.7	14.1	20.1	117.8	219.8	260.1	294.9	206.0	183.9	169.4	104.2	47.9	1647.8
MAX	43.8	103.3	116.2	358.7	470.3	436.8	1020.0	425.6	313.4	275.7	204.2	230.2	3998.2
MIN	0.0	0.0	0.0	1.4	19.3	108.9	87.5	111.9	50.2	45.6	16.4	0.0	441.2

(56) Station : VALLECITO
(2308)

YEAR	MONTHLY RAINFALL												TOTAL
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1967	1.7	0.6	19.4	110.3	171.3	251.9	147.2	450.2	118.2	94.9	45.1	51.5	1462.3
1968	0.0	8.7	12.9	149.2	197.5	256.5	300.8	103.3	147.7	154.3	72.8	44.5	1448.2
1969	109.7	32.5	1.9	176.9	137.2	266.8	341.8	226.8	99.1	325.1	176.7	113.2	2007.7
1970	1.5	3.6	2.8	72.8	148.6	197.4	231.1	280.4	309.8	62.5	60.6	86.5	1457.6
1971	15.9	36.7	43.3	78.6	160.1	98.2	208.5	291.0	286.8	62.0	124.2	43.4	1448.7
1972	35.5	128.4	90.3	120.5	271.6	173.6	205.8	178.0	171.6	104.4	95.2	52.7	1627.6
1973	0.0	0.0	14.3	67.0	90.5	221.2	188.1	211.3	258.9	221.7	160.0	5.8	1438.8
1974	8.1	19.9	6.5	25.5	189.2	100.5	128.4	203.9	162.0	206.5	115.0	7.0	1172.5
1975	1.4	0.0	0.0	17.0	201.2	186.5	186.0	304.9	304.2	193.5	182.3	169.7	1746.7
1976	3.0	0.0	4.7	163.1	188.5	287.7	268.5	138.3	179.4	208.9	79.5	62.0	1583.6
1977	0.0	0.0	59.3	6.8	171.9	250.2	254.5	138.4	108.7	168.4	57.8	7.3	1223.3
1978	6.0	2.9	1.3	87.5	270.5	162.7	212.7	199.3	97.0	187.1	56.4	45.9	1329.3
1979	0.0	0.0	0.0	186.8	229.0	295.1	235.5	269.3	138.4	189.7	155.9	79.9	1779.6
1980	0.8	0.0	11.3	127.9	254.4	244.5	172.2	236.5	136.4	77.2	76.8	29.2	1367.2
1981	28.5	88.6	51.4	402.6	296.5	178.4	238.1	247.6	276.5	215.7	110.3	170.7	2304.9
1982	36.6	7.9	0.6	289.3	268.3	198.6	220.7	180.4	195.8	106.8	60.7	34.3	1600.0
1983	5.1	0.4	59.0	227.9	305.2	270.9	315.2	182.7	175.0	235.2	67.8	73.1	1917.5
1984	6.5	19.3	0.0	108.1	42.7	250.1	231.4	27.8	203.9	101.9	177.4	18.5	1187.6
1985	0.0	2.5	9.9	91.5	226.9	181.7	223.2	239.1	160.2	248.7	194.4	31.3	1609.4
1986	0.0	32.0	2.1	9.8	221.5	307.9	184.1	215.7	197.5	269.4	61.9	18.2	1520.1
1987	14.6	0.0	5.3	95.8	220.7	277.4	188.3	204.2	170.2	93.5	110.2	8.8	1389.0
1988	0.0	4.4	0.0	-	104.6	292.5	224.4	418.0	135.3	164.2	170.2	51.9	1565.5
1989	0.0	0.0	8.7	3.8	120.5	154.1	188.7	88.6	242.1	151.3	55.5	41.4	1054.7
1990	23.0	20.0	22.0	81.2	204.0	216.9	237.9	320.8	96.9	99.5	63.3	39.4	1424.9
AVE	12.4	17.0	17.8	117.4	195.5	221.7	222.2	223.2	182.2	164.3	105.4	53.6	1532.7
MAX	109.7	128.4	90.3	402.6	305.2	307.9	341.8	450.2	309.8	325.1	194.4	170.7	3136.1
MIN	0.0	0.0	0.0	3.8	42.7	98.2	128.4	27.8	96.9	62.0	45.1	5.8	510.7

(57) Station : TINAQUILLO

(2316)

MONTHLY RAINFALL

(Unit : mm)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
1967	2.1	0.1	11.4	53.6	115.3	3.9	242.5	107.0	65.6	108.2	86.3	53.2	849.2
1968	0.0	10.2	8.8	58.8	146.1	251.0	219.9	178.9	164.1	119.8	65.4	42.1	1265.1
1969	53.5	32.8	9.8	126.0	184.1	204.6	204.6	151.2	72.9	193.9	168.5	49.9	1451.8
1970	13.0	3.1	6.8	92.8	201.7	241.4	226.0	243.6	362.6	57.3	88.4	140.5	1677.2
1971	9.4	16.2	12.0	209.6	180.4	157.1	123.7	123.5	200.7	78.9	113.8	8.6	1233.9
1972	22.1	21.7	81.8	76.1	128.2	194.9	123.0	198.8	144.8	87.0	46.3	56.0	1180.7
1973	0.0	0.0	18.6	100.1	122.1	132.3	192.5	406.6	213.8	225.8	99.0	39.7	1550.5
1974	2.4	19.0	2.1	5.1	216.9	67.8	126.4	222.5	122.5	127.8	53.6	8.9	975.0
1975	2.1	0.0	2.2	70.6	165.2	115.9	141.5	209.1	232.0	184.4	159.1	58.1	1340.2
1976	13.4	0.0	7.3	153.8	217.1	225.4	180.8	121.0	134.1	140.0	71.3	25.5	1289.7
1977	0.0	0.0	28.4	-	129.2	223.4	217.7	155.2	48.2	196.1	73.2	5.3	1076.7
1978	11.7	0.8	2.7	112.8	287.8	212.8	229.5	103.1	135.4	135.9	89.7	14.6	1336.8
1979	0.0	0.0	0.0	129.3	221.5	246.2	127.3	226.8	160.2	111.9	167.8	52.4	1443.4
1980	1.1	0.9	0.0	36.7	222.8	174.9	193.1	212.0	103.8	98.3	79.2	2.5	1125.3
1981	11.9	47.0	56.6	385.2	173.6	117.0	423.4	284.0	163.6	121.1	11.5	55.1	1850.0
1982	36.8	34.0	0.6	177.9	13.8	121.6	203.9	197.2	117.4	137.8	54.8	59.8	1155.6
1983	13.8	0.0	0.3	226.4	297.8	203.3	-	139.5	136.0	-	76.7	69.7	1163.5
1984	3.7	0.1	1.0	80.3	24.2	203.7	174.4	214.0	162.5	64.4	101.2	12.8	1042.3
1985	0.0	11.1	11.6	89.9	115.0	112.2	142.2	214.7	142.5	72.6	78.8	22.9	1013.5
1986	0.2	34.7	12.0	38.9	249.1	173.3	137.3	198.0	133.3	100.4	49.6	9.8	1136.6
1987	9.6	0.0	32.1	11.0	-	139.1	-	97.5	102.0	111.0	126.9	8.9	638.1
1988	0.0	14.0	0.0	0.8	-	204.4	156.2	218.8	198.1	123.6	95.8	0.0	1011.7
1989	0.0	36.7	1.0	18.2	-	178.7	221.9	164.8	94.8	154.3	82.3	2.2	954.9
1990	16.2	7.8	14.9	78.2	148.7	208.5	201.3	209.7	115.0	129.9	47.2	5.4	1182.8
AVE	9.3	12.1	13.4	101.4	169.6	171.4	191.3	191.6	146.9	125.2	86.9	33.5	1252.6
MAX	53.5	47.0	81.8	385.2	297.8	251.0	423.4	406.6	362.6	225.8	168.5	140.5	2843.7
MIN	0.0	0.0	0.0	0.8	13.8	3.9	123.0	97.5	48.2	57.3	11.5	0.0	356.0

(58) Station : SAN RAFAEL DE ONOTO

(2331)

MONTHLY RAINFALL

(Unit : mm)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
1967	2.7	2.2	13.0	72.5	126.3	188.7	253.9	273.5	110.1	73.9	39.2	47.3	1203.3
1968	0.5	8.1	10.4	97.2	243.0	275.6	323.4	140.1	138.5	69.6	24.6	78.5	1409.5
1969	31.5	29.5	10.1	106.3	194.5	223.7	238.9	158.3	113.5	129.5	116.5	71.4	1423.7
1970	6.6	34.7	9.6	65.2	274.6	248.5	272.3	223.9	277.6	113.1	26.1	78.0	1630.2
1971	6.8	9.7	44.1	29.3	136.0	189.5	215.3	184.3	163.0	125.0	43.4	27.8	1174.2
1972	15.4	24.3	56.3	194.7	383.4	212.3	344.0	203.5	304.0	90.8	56.4	16.5	1901.6
1973	0.1	0.0	22.5	27.6	79.0	224.9	167.8	128.3	204.9	106.2	42.7	11.0	1015.0
1974	11.4	5.4	2.3	2.8	184.6	153.4	117.3	219.6	207.5	114.4	113.1	7.2	1139.0
1975	5.1	0.0	38.8	27.7	232.4	216.4	144.0	226.6	181.6	248.1	112.8	42.8	1476.3
1976	12.8	7.3	3.9	199.6	223.6	203.8	367.2	171.7	138.0	104.8	67.6	35.0	1535.3
1977	0.0	0.2	39.2	-	156.4	260.0	272.5	235.7	142.6	225.8	87.5	4.1	1424.0
1978	3.5	0.6	2.7	258.6	183.5	369.8	222.9	205.5	94.8	88.7	47.7	43.0	1521.3
1979	0.0	3.5	55.8	121.3	231.3	259.2	147.9	291.2	147.1	106.3	94.0	77.2	1534.8
1980	4.2	0.0	7.6	99.9	222.4	216.5	271.8	259.0	167.7	77.8	95.0	20.0	1441.9
1981	8.9	85.9	20.9	202.7	236.2	368.7	204.8	225.9	222.9	130.5	59.6	71.8	1838.8
1982	46.6	1.8	6.5	209.7	170.4	260.1	214.2	148.0	143.9	85.3	23.0	32.3	1341.8
1983	39.9	3.7	5.6	217.9	426.7	350.6	310.4	272.3	120.3	270.9	102.5	78.5	2199.3
1984	7.2	29.2	0.0	167.5	80.9	148.9	240.3	258.4	182.3	107.9	260.7	9.3	1492.6
1985	0.0	0.0	4.3	41.0	76.4	224.2	144.4	156.0	154.8	253.2	62.4	132.4	1249.1
1986	2.9	2.7	1.1	40.8	69.0	519.5	47.9	279.6	20.3	315.8	151.0	56.2	1506.8
1987	5.7	0.0	2.3	23.3	194.2	223.3	368.2	181.0	151.0	222.4	12.2	21.8	1405.4
1988	0.0	4.1	0.0	17.6	129.9	269.1	125.8	397.1	239.7	187.8	-	169.6	1540.7
1989	0.7	16.2	0.0	2.4	181.2	85.7	111.1	136.9	171.0	103.8	63.1	27.6	899.7
1990	20.0	10.8	10.4	11.9	313.3	296.9	222.3	198.6	215.3	194.8	35.1	9.0	1538.4
AVE	9.7	11.7	15.3	97.3	197.9	249.6	222.9	215.6	167.2	147.8	75.5	48.7	1459.0
MAX	46.6	85.9	56.3	258.6	426.7	519.5	368.2	397.1	304.0	315.8	260.7	169.6	3209.0
MIN	0.0	0.0	0.0	2.4	69.0	85.7	47.9	128.3	20.3	69.6	12.2	4.1	439.5

(59) Station : TINACO
(2336)

MONTHLY RAINFALL													(Unit : mm)
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
1967	8.0	1.0	27.0	65.5	82.4	175.9	386.8	140.1	100.5	88.8	65.2	8.2	1149.4
1968	0.0	10.2	8.8	58.8	146.1	251.0	219.9	178.9	164.1	119.8	65.4	42.1	1265.1
1969	21.6	42.9	41.9	177.8	291.8	201.3	355.0	342.1	111.7	218.6	103.0	69.0	1976.7
1970	9.6	8.1	0.7	91.7	272.0	221.4	375.5	320.4	286.8	88.0	66.3	63.3	1803.8
1971	10.2	19.8	5.6	118.4	89.8	224.6	184.9	164.6	199.0	112.3	124.7	17.7	1271.6
1972	25.8	32.4	37.2	115.1	249.8	160.8	270.0	192.8	205.6	79.4	59.7	30.3	1458.9
1973	0.0	0.0	8.9	51.7	160.1	217.8	224.0	147.7	246.9	110.5	177.8	7.5	1352.9
1974	0.9	2.4	0.3	1.4	345.3	94.6	197.3	150.2	151.1	90.2	-	5.7	1039.4
1975	1.9	2.3	8.7	10.8	136.5	227.2	173.3	294.7	147.0	201.7	108.6	134.0	1446.7
1976	3.6	66.7	28.3	175.5	187.4	263.2	165.8	214.7	96.9	238.1	78.2	103.9	1622.3
1977	0.0	0.3	47.1	1.3	143.1	309.7	195.9	123.8	73.5	210.9	95.6	1.2	1202.4
1978	6.1	8.3	1.5	112.0	209.4	250.7	205.2	254.8	146.5	129.5	62.4	61.7	1448.1
1979	0.0	0.0	109.0	220.5	184.6	366.9	305.1	236.5	131.3	173.2	172.7	58.0	1957.8
1980	8.0	0.0	5.6	139.3	244.3	167.0	203.2	145.7	191.1	52.3	62.7	35.0	1254.2
1981	6.9	58.9	22.1	333.6	173.0	114.4	263.9	284.7	202.0	103.6	24.8	51.3	1639.2
1982	12.6	9.3	0.4	235.6	342.6	86.9	161.6	102.7	198.2	120.8	75.8	33.9	1380.4
1983	3.7	11.7	7.0	202.0	266.7	249.7	200.6	328.7	176.5	92.2	110.7	28.6	1678.1
1984	27.1	2.0	0.0	143.4	78.9	236.0	202.7	268.2	140.1	108.5	66.3	38.1	1311.3
1985	0.0	4.0	2.4	78.2	66.2	154.5	212.9	152.7	104.0	168.1	116.8	47.2	1107.0
1986	5.5	0.1	0.0	7.7	179.0	263.5	103.8	-	204.6	221.7	66.2	11.6	1063.7
1987	1.9	0.0	31.0	57.5	228.2	326.9	225.3	243.7	187.0	98.4	40.7	4.2	1444.8
1988	0.0	16.2	0.0	-	110.9	295.4	189.8	433.9	175.2	133.7	95.0	17.8	1467.9
1989	0.0	5.5	3.8	5.0	109.1	145.2	182.0	128.0	129.9	96.6	80.5	6.0	891.6
1990	6.9	11.7	10.3	55.4	151.1	254.4	231.6	274.3	108.0	166.7	59.3	8.6	1338.3
AVE	6.7	13.1	17.0	106.9	185.3	219.1	226.5	222.8	161.6	134.3	86.0	36.9	1416.1
MAX	27.1	66.7	109.0	333.6	345.3	366.9	386.8	433.9	286.8	238.1	177.8	134.0	2906.0
MIN	0.0	0.0	0.0	1.3	66.2	86.9	103.8	102.7	73.5	52.3	24.8	1.2	512.7

(60) Station : EL PAO-OFFICINA
(2349)

MONTHLY RAINFALL													(Unit : mm)
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
1967	2.8	0.0	5.0	65.3	63.6	200.7	245.3	98.1	96.0	114.1	59.1	30.7	980.7
1968	0.0	9.6	0.6	58.0	-	161.1	133.5	199.7	143.7	89.0	86.3	37.5	919.0
1969	8.5	44.7	2.3	97.6	224.7	252.4	385.7	141.5	106.4	184.0	100.3	15.9	1564.0
1970	9.2	1.1	5.4	88.0	375.1	156.0	290.3	246.5	240.0	88.8	124.7	118.9	1744.0
1971	19.4	16.7	13.2	112.8	144.3	101.0	113.1	206.6	113.8	98.5	102.4	9.7	1051.5
1972	18.6	2.9	105.6	110.3	216.7	199.3	184.7	130.0	113.5	117.2	102.6	58.2	1359.6
1973	0.0	0.0	5.2	47.6	80.0	170.8	204.2	214.2	232.3	170.3	158.9	2.5	1286.0
1974	3.8	10.7	10.0	-	171.0	117.1	159.0	258.7	319.3	129.0	68.7	8.2	1255.5
1975	2.9	0.6	1.8	30.4	143.5	157.9	108.1	229.0	195.7	166.2	101.6	169.0	1306.7
1976	3.5	0.0	0.0	185.8	265.1	124.3	210.8	97.2	76.3	157.1	91.6	26.4	1238.1
1977	0.0	0.0	51.6	3.9	95.5	230.6	109.9	146.5	68.8	103.5	51.3	2.8	864.4
1978	0.0	0.0	18.0	149.3	382.5	285.2	177.2	234.1	115.9	162.8	41.1	18.9	1585.0
1979	0.0	0.0	34.6	192.0	103.0	413.8	177.7	189.6	227.2	76.6	193.9	14.1	1622.5
1980	0.0	0.0	0.1	60.7	240.6	181.7	208.5	155.2	115.7	121.0	83.1	1.5	1168.1
1981	2.8	31.6	43.8	170.0	271.6	114.3	190.9	230.0	106.7	112.3	42.4	63.0	1379.4
1982	14.7	11.1	1.5	161.7	291.3	118.6	94.2	126.9	204.6	160.3	50.0	21.1	1256.0
1983	1.0	1.1	0.8	123.5	217.1	132.9	186.1	189.8	137.9	153.3	33.6	33.7	1210.8
1984	23.7	10.5	0.0	63.6	28.6	217.0	240.9	291.0	135.8	89.0	81.3	7.8	1189.2
1985	0.0	6.1	0.0	151.5	129.3	112.7	208.8	220.2	85.7	135.3	88.1	32.6	1170.3
1986	0.9	0.0	3.8	40.3	332.4	121.3	144.7	177.7	232.9	163.9	44.0	21.8	1283.7
1987	40.4	0.2	74.5	36.3	209.1	198.5	153.0	174.2	109.7	61.7	136.7	13.0	1207.3
1988	0.0	3.3	0.0	15.0	58.5	375.7	204.7	-	201.2	-	85.0	0.0	943.4
1989	5.2	15.2	0.0	4.5	134.7	206.3	123.2	86.7	140.8	41.2	17.4	13.6	788.8
1990	22.6	6.6	1.4	25.4	219.5	246.1	166.7	164.8	108.2	69.9	54.6	13.4	1099.2
AVE	7.5	7.2	15.8	86.7	191.2	191.5	184.2	183.0	151.2	120.2	83.3	30.6	1252.3
MAX	40.4	44.7	105.6	192.0	382.5	413.8	385.7	291.0	319.3	184.0	193.9	169.0	2721.9
MIN	0.0	0.0	0.0	3.9	28.6	101.0	94.2	86.7	68.8	41.2	17.4	0.0	441.8

(61) Station : LAS VEGAS-CHARCOTE
(2364)

YEAR	MONTHLY RAINFALL												TOTAL
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1967	4.3	4.3	0.0	88.7	38.3	261.2	269.0	135.8	87.3	117.1	29.1	33.9	1069.0
1968	0.2	7.9	3.0	43.1	121.8	121.7	0.0	411.2	211.1	70.1	42.9	29.1	1062.1
1969	15.2	58.5	2.9	91.9	186.3	224.1	235.6	198.8	48.0	148.7	99.8	42.4	1352.2
1970	6.3	14.4	12.1	43.9	292.3	210.0	207.9	319.6	243.4	117.7	23.6	87.1	1578.3
1971	11.8	10.3	3.0	74.3	106.9	144.5	189.7	95.5	174.3	119.2	111.7	9.7	1050.9
1972	34.5	8.9	70.1	100.0	130.2	167.0	330.2	149.3	136.2	124.9	75.6	36.2	1363.1
1973	0.0	0.0	24.0	52.7	73.8	151.5	174.0	169.2	223.0	40.9	136.9	1.6	1047.6
1974	2.5	3.1	2.5	8.2	153.5	121.5	237.6	170.7	99.7	77.0	138.3	8.7	1023.3
1975	3.0	0.7	1.9	32.6	148.9	204.3	160.3	141.6	232.3	212.1	52.5	112.2	1302.4
1976	5.2	0.0	19.4	139.5	279.1	245.6	196.8	93.6	29.7	136.6	75.9	79.2	1300.6
1977	0.0	0.3	39.1	0.1	248.0	148.6	155.9	170.5	209.6	109.8	111.4	4.3	1197.6
1978	6.2	0.0	3.9	134.7	172.0	271.1	185.6	214.7	138.5	180.3	44.1	26.4	1377.5
1979	0.0	0.0	29.4	94.7	27.5	293.7	151.1	198.4	99.2	118.1	34.0	27.7	1073.8
1980	0.8	0.0	15.0	150.2	175.3	141.4	216.2	147.8	210.8	148.2	52.2	2.0	1259.9
1981	0.0	22.9	24.5	370.8	199.0	193.6	151.2	259.4	212.2	139.2	14.6	18.3	1605.7
1982	3.1	4.1	2.7	314.4	234.9	175.1	153.9	123.7	85.7	94.8	97.4	40.1	1329.9
1983	10.0	7.1	9.4	166.1	300.2	315.5	171.8	220.3	140.9	88.1	82.6	50.8	1562.8
1984	9.7	9.1	0.0	162.6	33.7	166.9	243.9	319.7	94.3	122.3	99.3	17.6	1279.1
1985	0.0	0.0	11.9	29.9	-	180.0	208.0	189.8	160.4	106.3	80.7	31.0	998.0
1986	0.0	0.2	3.0	18.0	129.5	263.3	201.7	103.6	208.2	111.2	117.0	27.4	1183.1
1987	34.3	0.0	11.7	43.0	247.2	208.8	341.6	89.4	104.4	38.3	33.9	21.4	1174.0
1988	0.0	31.8	0.4	-	152.1	256.0	17.0	207.8	193.1	123.6	125.8	26.0	1133.6
1989	0.0	9.8	5.1	6.0	199.4	166.6	162.3	152.2	191.2	103.6	29.9	8.9	1035.0
1990	11.3	1.8	0.3	110.2	174.1	281.8	233.5	151.8	64.1	99.5	38.7	33.2	1200.3
AVE	6.6	8.1	12.3	98.9	166.3	204.7	191.5	184.8	149.9	114.5	72.8	32.3	1242.7
MAX	34.5	58.5	70.1	370.8	300.2	315.5	341.6	411.2	243.4	212.1	138.3	112.2	2608.4
MIN	0.0	0.0	0.0	0.1	27.5	121.5	0.0	89.4	29.7	38.3	14.6	1.6	322.7

DATA - D3

MONTHLY MEAN DISCHARGES

List of Stations

Order	Station No.	Name
(1)	0395	PUENTE TINACO
(2)	0405	PASO VIBORAL
(3)	0005	PUENTE ACARIGUA
(4)	0039	EL CAMBUR
(5)	0120	PUENTE DORADAS
(6)	0317	PUENTE EL BAUL
(7)	0895	JOBALITO
(8)	0890	CAMAGUAN
(9)	0705	BRUZUAL
(10)	0710	EL SAMAN
(11)	0022	SAN FERNANDO

(1) Station PUENBETINACO
(0395)

MONTHLY MEAN DISCHARGE													(Unit: m3/s)
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	AVE
1976	2.38	0.99	0.39	2.06	4.77	8.56	18.81	10.08	7.31	10.54	5.78	2.88	6.21
1977	1.12	0.55	0.43	0.12	1.18	5.44	12.08	8.04	5.86	4.40	4.70	1.12	3.75
1978	-	-	-	-	-	-	-	-	-	-	-	-	-
1979	-	-	-	-	-	-	-	-	-	-	-	-	-
1980	1.53	0.62	0.19	0.56	5.03	7.37	13.59	14.61	13.16	5.83	4.42	1.92	5.74
1982	1.89	0.90	0.17	3.72	8.68	10.70	10.50	13.97	11.31	10.39	5.33	3.30	6.74
1983	1.36	0.47	0.05	0.95	17.90	16.77	20.52	18.65	12.13	11.46	6.90	3.95	9.26
1984	1.62	0.70	0.20	0.57	0.36	2.38	5.96	9.34	10.07	6.41	4.22	1.60	3.62
1985	0.30	-	0.01	0.34	2.25	2.24	6.84	14.26	14.42	7.07	5.40	2.48	5.06
1987	0.84	0.17	0.01	-	5.33	5.04	10.26	10.55	8.94	4.73	6.14	2.13	4.92
1988	0.77	-	-	-	0.33	4.39	8.71	13.04	13.84	14.08	8.19	1.97	7.26
1989	1.59	0.95	0.63	0.54	1.10	2.51	4.71	2.38	6.79	2.65	2.50	1.40	2.31
1990	0.89	0.57	0.16	0.38	1.89	4.08	8.20	18.14	5.99	4.90	2.95	1.63	4.15
AVE	1.30	0.66	0.22	1.03	4.44	6.32	10.93	12.10	9.98	7.50	5.14	2.22	5.15
MAX	2.38	0.99	0.63	3.72	17.90	16.77	20.52	18.65	14.42	14.08	8.19	3.95	10.18
MIN	0.30	0.17	0.01	0.12	0.33	2.24	4.71	2.38	5.86	2.65	2.50	1.12	1.87

(2) Station PASO VIBORAL
(0405)

MONTHLY MEAN DISCHARGE													(Unit: m3/s)
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	AVE
1976	6.49	4.03	2.81	4.45	10.76	11.49	26.15	17.34	14.20	18.32	13.06	8.45	11.46
1977	5.57	3.66	3.41	2.03	4.84	9.76	17.99	16.76	13.03	21.62	15.45	9.94	10.34
1978	-	-	-	-	-	-	-	-	-	-	-	-	-
1979	8.79	7.01	7.09	9.79	13.11	22.54	-	34.64	31.45	25.81	23.61	16.66	18.23
1980	12.25	9.02	7.35	7.89	12.86	15.88	23.38	28.88	23.66	18.58	16.35	11.98	15.67
1981	8.55	9.00	7.12	22.40	22.68	22.93	30.47	32.05	46.30	37.63	26.90	20.44	23.87
1982	15.76	12.82	9.76	16.34	19.80	20.89	24.17	27.40	25.81	22.66	16.85	14.08	18.86
1983	11.56	8.16	2.33	14.50	24.05	30.35	30.17	41.68	29.22	25.64	22.76	15.69	21.34
1984	13.27	10.56	8.85	9.23	7.19	10.79	12.68	16.35	18.61	20.33	12.28	9.13	12.44
1985	6.26	2.90	2.43	6.18	8.33	8.54	9.82	14.09	15.71	18.32	14.14	11.37	9.84
1986	6.23	4.14	1.69	1.43	15.93	14.94	14.59	14.53	26.95	28.42	21.09	14.20	13.68
1987	8.06	5.92	4.84	3.64	8.84	15.75	18.82	21.59	20.94	16.91	14.17	11.53	12.58
1988	6.77	3.87	1.92	1.23	1.28	6.79	11.86	21.41	24.06	18.42	17.14	11.52	10.52
1989	9.03	6.35	3.49	2.15	3.24	5.89	8.66	5.93	11.88	10.88	9.72	7.04	7.02
1990	5.90	3.61	1.82	1.36	4.12	4.95	14.63	24.54	12.32	12.64	11.92	8.84	8.89
AVE	8.89	6.50	4.64	7.33	11.22	14.39	18.72	22.66	22.44	21.16	16.82	12.21	13.91
MAX	15.76	12.82	9.76	22.40	24.05	30.35	30.47	41.68	46.30	37.63	26.90	20.44	26.55
MIN	5.57	2.90	1.69	1.23	1.28	4.95	8.66	5.93	11.88	10.88	9.72	7.04	5.98

(3) Station PUENTE ACARIGUA

(0005)		MONTHLY MEAN DISCHARGE											(Unit: m3/s)
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	AVE
1976	29.21	17.35	16.40	41.67	142.54	218.32	143.01	40.39	23.47	15.02	11.68	5.82	58.74
1977	3.31	2.60	2.68	2.57	9.46	25.78	52.05	33.86	33.41	50.04	66.48	28.04	25.86
1978	14.43	10.58	8.49	33.48	106.58	163.86	109.41	50.96	45.54	34.28	37.21	16.02	52.57
1979	8.98	6.23	9.09	14.94	59.93	69.70	56.28	41.50	25.69	59.46	35.83	35.90	35.29
1980	10.27	3.28	1.89	4.25	31.09	107.12	108.58	66.85	38.18	43.11	35.78	18.62	39.09
1981	10.98	10.99	9.50	41.76	100.92	169.59	40.58	24.83	51.26	68.98	26.76	29.31	48.79
1982	7.90	1.21	1.22	36.62	63.98	122.90	142.05	50.05	23.43	23.83	48.67	24.20	45.51
1983	18.87	8.65	9.46	51.14	139.03	184.16	225.26	112.40	55.25	41.79	41.47	17.94	75.45
1984	7.45	14.86	2.47	12.05	13.54	29.49	14.62	20.23	75.92	58.17	16.15	6.74	22.64
1985	5.39	4.44	1.59	2.15	8.45	32.01	8.78	13.48	13.31	47.16	12.33	9.85	13.25
1986	3.72	2.14	2.45	4.94	26.18	90.59	63.13	51.92	37.17	47.54	92.02	27.38	37.43
1987	7.36	1.48	1.34	2.88	4.82	25.54	65.43	15.68	15.11	15.12	3.63	2.41	13.40
1988	0.24	0.06		0.01		1.28	1.74	25.84	11.19	16.21	46.30	13.84	11.67
1989	6.09	4.15	4.31	2.43	10.39	11.72	8.66	16.66	16.48	17.98	12.53	10.87	10.19
AVE	9.59	6.29	5.06	17.92	51.21	89.43	74.26	40.33	33.24	38.48	34.77	17.64	34.85
MAX	29.21	17.35	16.40	51.14	142.54	218.32	225.26	112.40	75.92	68.98	92.02	35.90	90.45
MIN	0.24	0.06	1.22	0.01	4.82	1.28	1.74	13.48	11.19	15.02	3.63	2.41	4.59

(4) Station EL CAMBUR

(0039)		MONTHLY MEAN DISCHARGE											(Unit: m3/s)
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	AVE
1970	1.52	5.71	3.61	13.06	20.83	51.60	45.10	73.12	35.65	39.84	23.55	17.66	27.60
1971	14.80	9.33	7.59	8.42	23.48	26.99	32.04	47.67	51.65	30.10	19.68	7.83	23.30
1972	40.01	16.34	38.77	74.57	68.98	53.25	70.73	79.91	39.12	35.87	26.45	18.51	46.88
1973	6.91	5.29	5.59	11.18	19.27	27.76	36.61	32.47	47.25	47.34	28.73	16.60	23.75
1974	9.67	7.23	6.87	27.01	32.51	22.74	23.17	41.20	56.97	60.33	26.05	10.05	26.98
1975		3.40	11.65	8.36	24.40	34.62	36.74	35.43	45.11	57.11	35.53	17.95	28.21
1976	7.89	3.22	13.00	35.61	37.26	112.80	129.95	56.02	24.65	32.36	22.18	8.25	40.27
1977	5.08	2.46	4.32	12.21	31.74	51.61	62.48	43.06	41.00	29.57	24.24	13.99	26.81
1978	8.38	3.63	7.38	32.64	37.34	75.73	49.86	66.22	51.43	43.38	29.25	21.39	35.55
1979	9.83	6.47	12.21	27.87	46.93	70.62	75.11	45.23	39.03	48.90	45.74	25.60	37.80
1980	13.71	6.55	4.87	16.67	38.02	52.28	55.51	69.76	47.54	37.88	28.74	13.50	32.09
1981	6.24	8.74	18.46	50.06	78.44	91.61	38.85	41.19	53.55	30.96	24.59	14.84	38.13
1982	8.20	7.60	5.13	36.41	64.45	65.63	68.06	43.84	45.89	39.58	30.18	22.25	36.44
1983	12.99	10.23	10.21	47.02	67.15	79.88	58.77	59.58	37.47	34.18	21.39	19.40	38.19
1984	11.39	10.64	7.78	4.86	4.04	36.75	21.52	58.85	51.52	41.30	25.08	13.30	23.92
1985	9.59	7.01	10.66	12.74	34.72	38.97	42.70	80.82	39.19	40.04	32.36	25.03	31.15
1986	9.57	6.34	9.06	46.47	43.08	63.28	56.14	45.10	61.82	49.93	26.05	9.34	35.52
1987	6.25	3.61	4.49	10.48	24.70	41.20	57.13	43.15	44.21	43.60	23.72	13.79	26.36
1988	8.68	6.57	4.59	8.98	17.30	41.01	52.88	64.42	70.70	64.18	57.21	14.27	34.23
1989	6.02	6.82	6.46	5.07	28.55	42.51	71.54	47.78	47.22	51.18	22.01	12.83	29.00
1990	6.96	10.05	11.54	71.13	77.17	73.89	59.47	77.67	64.92	35.54	52.84	23.17	47.03
AVE	10.18	7.01	9.73	26.71	39.06	54.99	54.49	54.88	47.42	42.53	29.79	16.17	32.75
MAX	40.01	16.34	38.77	74.57	78.44	112.80	129.95	80.82	70.70	64.18	57.21	25.60	65.78
MIN	1.52	2.46	3.61	4.86	4.04	22.74	21.52	32.47	24.65	29.57	19.68	7.83	14.58

(5) Station PUENTE DORADAS
(0120)

YEAR	MONTHLY MEAN DISCHARGE												AVE
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1974	13.95	8.85	6.91	6.42	12.92	19.28	29.86	63.58	58.41	70.51	61.35	23.26	31.28
1975	13.36	10.26	9.20	9.40	27.26	44.65	49.22	50.94	74.30	67.91	68.86	64.77	40.84
1976	27.14	21.22	19.37	31.76	42.68	112.50	101.02	106.50	76.79	60.22	37.73	16.72	54.47
1977	7.70	5.87	4.86	4.96	17.01	119.83	81.71	63.04	48.49	57.17	70.75	13.48	41.24
1978	-	-	-	-	-	-	-	-	-	-	-	-	-
1979	12.58	9.64	9.47	23.70	53.97	101.94	86.64	62.19	81.10	77.23	66.47	33.70	51.55
1980	16.14	11.20	9.23	12.30	54.82	77.11	57.99	77.29	76.44	81.38	40.27	16.54	44.23
1981	8.95	9.52	19.85	42.65	81.93	96.97	79.28	73.20	97.84	68.75	63.28	37.61	56.65
1982	19.11	13.51	10.98	33.25	80.02	108.51	103.75	57.59	105.24	67.17	30.21	13.12	53.54
1983	4.49	2.89	7.47	21.05	68.39	58.38	94.86	106.61	62.38	105.95	36.20	18.27	48.91
1984	12.17	7.85	2.61	4.16	8.53	30.75	53.19	64.63	79.41	47.14	42.48	20.30	31.10
1985	7.78	4.46	3.86	3.78	56.19	87.65	84.97	87.49	50.64	43.43	70.54	37.46	44.85
1986	10.51	1.97	6.62	7.71	42.53	92.65	102.00	79.64	69.96	87.25	80.04	28.35	50.77
1987	12.67	5.79	12.81	13.11	22.67	48.47	95.17	89.06	91.43	112.76	75.14	65.97	53.75
1988	57.46	55.32	64.87	54.29	74.65	108.38	125.08	143.74	143.32	97.01	122.78	84.24	94.26
1989	72.82	56.79	53.71	54.74	62.27	85.35	120.97	94.81	101.35	109.82	89.29	62.49	80.37
1990	37.25	32.32	34.01	36.40	105.45	102.09	122.88	123.14	102.82	94.91	97.79	75.88	80.41
AVE	20.88	16.09	17.24	22.48	50.71	80.91	86.79	83.97	82.50	78.04	65.82	38.26	53.64
MAX	72.82	56.79	64.87	54.74	105.45	119.83	125.08	143.74	143.32	112.76	122.78	84.24	100.54
MIN	4.49	1.97	2.61	3.78	8.53	19.28	29.86	50.94	48.49	43.43	30.21	13.12	21.39

(6) Station PUENTE EL BAUL
(0317)

YEAR	MONTHLY MEAN DISCHARGE												AVE
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1975	11.88	9.31	9.48	9.64	17.90	26.42	44.74	92.68	124.87	138.19	112.53	74.43	56.01
1976	31.87	16.55	11.16	15.78	57.41	163.57	277.70	219.03	103.93	107.34	73.72	35.25	92.78
1977	21.28	16.97	16.54	15.68	22.90	46.50	91.22	154.68	173.90	105.53	111.83	38.16	67.93
1978	-	-	-	-	-	-	-	-	-	-	-	-	-
1979	-	-	-	-	-	-	-	-	-	-	-	-	-
1980	50.12	31.52	23.12	24.13	59.03	118.98	229.85	282.40	255.89	180.63	93.28	49.36	116.53
1981	32.04	27.40	30.19	43.02	247.71	293.46	265.49	302.41	327.94	300.67	145.21	62.95	173.21
1982	44.06	33.69	23.45	43.27	73.18	193.88	150.33	203.33	129.83	140.33	61.29	43.92	95.05
1983	29.90	19.41	17.54	29.85	99.07	262.42	292.75	286.01	237.77	137.75	116.46	57.20	132.18
1984	32.70	20.34	12.89	13.35	19.24	26.42	47.84	161.39	179.72	184.15	64.94	40.67	66.97
1985	20.18	12.65	8.30	8.23	18.48	20.53	53.60	80.42	100.25	101.38	74.24	26.95	43.77
1986	10.92	3.92	4.44	3.79	19.66	72.18	156.08	159.69	127.65	185.89	172.59	51.71	80.71
1987	18.36	12.93	8.44	6.33	46.42	67.80	150.93	155.29	136.14	87.87	32.06	24.45	62.25
1988	6.37	4.56	6.20	11.43	10.51	26.24	68.56	157.82	257.20	176.48	71.30	36.99	69.47
1989	23.63	11.15	11.62	9.13	12.49	24.87	34.80	27.59	29.21	37.72	25.23	11.26	21.56
1990	3.18	3.39	3.66	17.93	32.64	60.65	140.82	183.69	64.53	58.75	37.80	14.78	51.82
AVE	24.04	15.99	13.36	17.97	52.62	100.28	143.19	176.17	160.63	138.76	85.18	40.58	80.73
MAX	50.12	33.69	30.19	43.27	247.71	293.46	292.75	302.41	327.94	300.67	172.59	74.43	180.77
MIN	3.18	3.39	3.66	3.79	10.51	20.53	34.80	27.59	29.21	37.72	25.23	11.26	17.57

(7) Station JOBALITO

(0895)		MONTHLY MEAN DISCHARGE											(Unit: m3/s)
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	AVE
1975	44.38	33.78	31.77	30.46	85.44	145.14	213.84	315.99	383.76	371.00	321.87	184.32	180.15
1976	73.90	45.25	36.67	44.85	213.61	391.48	511.01	505.01	358.39	242.26	177.86	90.88	224.26
1977	53.15	41.44	38.96	36.21	72.53	183.57	322.47	414.20	437.21	366.05	332.24	109.13	200.60
1978	-	-	-	-	-	-	-	-	-	-	-	-	-
1979	54.18	34.07	34.09	68.67	124.57	385.24	477.25	471.58	455.20	324.15	303.68	181.39	242.84
1980	96.63	53.78	36.53	38.84	160.04	346.64	476.07	492.60	478.71	409.84	297.09	116.59	250.28
1981	62.37	50.97	64.07	93.72	420.73	498.63	487.49	482.02	480.80	426.27	347.61	132.10	295.57
1982	92.30	58.36	37.45	84.85	189.25	381.74	441.04	481.38	413.11	284.58	186.73	118.24	230.75
1983	55.00	20.78	13.47	83.37	261.54	473.52	517.96	519.62	503.87	402.09	358.66	165.95	281.32
1984	111.67	70.10	50.70	59.59	64.78	105.57	174.67	391.48	463.94	486.69	310.96	179.93	205.84
1985	77.27	52.90	43.60	42.27	69.08	126.45	241.35	331.35	404.18	398.16	332.71	146.57	188.82
1986	72.39	48.99	44.59	51.33	137.13	360.75	488.36	504.68	447.26	489.88	486.85	271.39	283.63
1987	116.65	82.66	70.26	67.23	148.99	196.65	371.36	451.80	436.51	394.56	207.01	125.51	222.43
1988	67.74	55.02	48.44	48.51	44.00	80.48	204.31	326.13	437.82	359.63	229.52	118.20	168.32
1989	43.12	19.27	24.47	13.08	30.91	75.75	131.90	132.44	101.88	136.82	89.89	53.89	71.12
1990	18.86	16.07	9.82	17.17	89.80	277.46	410.58	421.32	336.54	249.47	228.19	108.67	182.00
AVE	69.31	45.56	38.99	52.01	140.83	268.60	364.64	416.11	409.28	356.10	280.72	140.18	215.19
MAX	116.65	82.66	70.26	93.72	420.73	498.63	517.96	519.62	503.87	489.88	486.85	271.39	339.35
MIN	18.86	16.07	9.82	13.08	30.91	75.75	131.90	132.44	101.88	136.82	89.89	53.89	67.61

(8) Station CAMAGUAN

(0890)		MONTHLY MEAN DISCHARGE											(Unit: m3/s)
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	AVE
1975	65.26	28.45	33.19	27.26	115.01	249.42	474.54	659.77	840.45	851.65	676.18	355.55	364.73
1976	125.84	49.65	44.72	55.89	330.27	709.81	984.90	1064.58	992.62	708.36	500.05	184.64	479.28
1977	90.53	52.25	39.00	43.02	102.77	378.96	678.81	869.45	983.32	943.61	825.73	284.19	440.97
1978	89.86	66.85	37.33	117.45	245.55	637.68	954.78	1033.23	1030.10	988.53	625.90	266.22	507.79
1979	117.37	60.66	52.55	201.28	322.11	692.26	1038.87	1060.42	1039.70	914.32	791.27	464.96	562.98
1980	249.78	120.45	68.34	66.22	318.37	703.05	993.37	1174.39	1100.93	1016.79	863.47	321.00	583.01
1981	128.24	87.53	135.55	128.75	531.54	779.23	1166.03	720.71	1066.30	1042.25	933.71	325.36	587.10
1982	-	-	-	-	-	-	-	-	-	-	-	-	-
1983	188.32	117.57	87.77	125.76	440.95	834.14	1033.30	1145.81	1156.10	993.49	820.09	330.62	606.16
1984	232.10	149.99	123.12	109.27	133.74	247.31	392.85	751.66	618.93	633.21	846.22	346.35	382.06
1985	137.89	75.80	50.93	72.28	170.48	296.10	496.53	696.48	915.82	907.50	839.11	377.09	419.67
1986	162.21	93.50	65.15	86.19	293.33	757.38	986.08	1053.45	1040.83	1027.32	1019.70	751.29	611.37
1987	222.85	161.59	130.16	141.36	267.31	405.49	690.91	896.25	991.23	983.93	683.01	330.60	492.06
1988	138.12	93.79	52.73	-	-	-	-	-	-	-	-	-	94.88
1989	190.61	119.44	129.79	98.31	154.69	317.70	429.46	605.67	485.24	567.35	384.24	242.68	310.43
1990	116.09	104.97	86.04	97.06	317.07	731.20	1042.60	1076.06	1039.32	819.55	632.87	432.39	541.27
AVE	150.34	92.17	75.76	97.86	267.37	552.84	811.64	914.85	950.06	885.56	745.83	358.07	491.86
MAX	249.78	161.59	135.55	201.28	531.54	834.14	1166.03	1174.39	1156.10	1042.25	1019.70	751.29	701.97
MIN	65.26	28.45	33.19	27.26	102.77	247.31	392.85	605.67	485.24	567.35	384.24	184.64	260.35

(9) Station BRUZUAL
(0705)

MEAN MONTHLY DISCHARGE													Unit: m ³ /s
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	AVE
1975	278.28	189.77	253.45	222.24	560.91	1110.72	2122.77	1717.52	1899.23	1796.97	1719.40	899.01	1064.19
1976	500.96	330.38	621.72	594.38	1350.35	2466.03	3594.13	3246.55	2305.57	1671.26	1232.10	631.64	1545.42
1977	279.66	170.53	155.13	270.80	517.55	1916.50	3299.26	3263.32	2417.00	2207.55	1535.60	566.13	1383.25
1978	274.33	238.36	164.17	697.09	1001.27	3011.70	3013.10	2924.13	2929.73	2071.84	1398.12	902.04	1552.16
1979	278.53	125.47	158.09	486.70	1180.28	2663.10	3477.52	2716.39	2115.63	2165.71	2085.50	1412.35	1572.11
1980	538.18	251.27	156.26	327.09	1267.36	2728.10	3454.94	3015.45	2377.77	2479.58	1679.75	579.88	1571.30
1981	284.23	221.15	444.03	891.68	3005.97	3702.97	2991.61	2312.32	3114.23	2399.97	1534.52	624.66	1793.95
1982	296.56	240.36	201.05	650.13	2228.48	3323.27	3715.52	2948.68	2312.80	2237.84	1306.16	593.92	1671.23
1983	321.69	164.13	214.11	523.70	2104.42	3322.70	3341.35	3773.61	2979.07	2030.61	1318.10	568.83	1721.86
1984	374.74	292.02	130.55	145.28	297.65	1219.27	2625.68	2230.48	2685.60	2694.00	2292.37	1039.56	1335.60
1985	292.01	150.44	145.55	342.75	723.97	2140.57	2503.84	3150.55	2674.67	1967.94	1917.00	1197.27	1433.88
1986	350.96	194.28	181.81	585.07	1354.30	2590.00	3688.55	3406.94	3472.47	3062.71	3271.67	1142.89	1941.80
1987	437.55	299.44	284.76	304.81	804.44	1584.67	-	-	-	2375.42	1969.73	1151.55	1023.60
1988	490.42	292.42	176.79	195.51	379.24	985.43	1996.77	2614.29	2918.33	2620.71	-	-	1266.99
1989	1199.18	407.52	405.30	294.36	989.88	1421.30	2036.10	2395.81	1500.97	2273.23	1353.20	744.97	1251.82
1990	391.19	595.20	557.03	565.36	1606.74	2396.60	2416.00	2486.42	2034.17	1647.10	1760.13	1054.11	1459.17
AVE	411.78	260.17	265.61	443.56	1210.80	2286.43	2951.81	2813.50	2515.82	2231.40	1758.22	873.92	1501.92
MAX	1199.18	595.20	621.72	891.68	3005.97	3702.97	3715.52	3773.61	3472.47	3062.71	3271.67	1412.35	2393.75
MIN	274.33	125.47	130.55	145.28	297.65	985.43	1996.77	1717.52	1500.97	1647.10	1232.10	566.13	884.94

(10) Station EL SAMAN
(0710)

MONTHLY MEAN DISCHARGE													(Unit: m ³ /s)
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	AVE
1975	313.52	222.08	283.53	262.28	609.90	1240.11	2531.26	2419.06	2608.27	2360.71	2115.93	1082.84	1337.46
1976	579.74	342.58	676.11	523.56	1546.65	2536.27	4393.13	4371.77	2984.80	2033.77	1372.08	739.52	1841.67
1977	349.28	227.93	196.31	305.15	519.60	1959.10	3301.32	4023.39	3271.23	2615.74	1800.97	658.73	1602.40
1978	288.15	249.25	180.18	710.95	1015.94	2866.70	3916.94	3721.35	3710.23	2821.42	1668.10	901.59	1837.57
1979	394.77	242.26	264.08	581.83	1204.40	2769.33	3924.13	3951.48	2692.07	-	2597.83	1795.60	1856.16
1980	694.44	324.95	205.43	389.44	1356.76	2866.13	4172.03	3943.23	3015.40	3009.77	2202.90	869.19	1920.81
1981	380.35	275.68	547.71	1064.11	3184.06	4276.30	4395.52	3388.39	3858.43	3302.23	1532.77	81.77	2190.61
1982	478.35	383.58	-	-	-	3475.43	4368.55	4189.10	-	-	-	-	2579.00
1983	-	-	581.23	673.27	2308.90	3665.83	4003.55	4200.06	3663.37	2997.26	2442.07	-	2726.17
1984	496.17	-	-	-	2302.90	3666.57	4002.77	4198.03	3663.37	3002.61	2477.80	1152.95	2773.69
1985	-	-	-	-	1270.11	2549.33	2756.48	3575.16	-	-	-	-	2537.77
1986	-	-	-	-	-	-	-	-	-	-	-	-	-
1987	-	-	-	-	611.25	1378.77	2622.06	4130.19	3505.03	3080.23	2899.93	1254.92	2435.30
1988	440.09	321.45	203.03	237.10	452.11	1164.00	2424.39	3333.29	3635.80	712.61	2479.20	-	1400.28
1989	721.92	401.25	415.85	283.95	860.98	1601.07	2479.84	3056.94	1800.43	2728.84	1611.17	784.87	1395.59
1990	416.50	607.63	565.40	596.90	1754.92	2953.97	3178.19	3248.26	2504.43	2031.81	2032.23	1237.97	1760.68
AVE	462.77	327.15	374.44	511.69	1357.03	2597.93	3498.01	3716.65	3147.14	2558.08	2094.84	960.00	1800.48
MAX	721.92	607.63	676.11	1064.11	3184.06	4276.30	4395.52	4371.77	3858.43	3302.23	2899.93	1795.60	2596.13
MIN	288.15	222.08	180.18	237.10	452.11	1164.00	2424.39	2419.06	1800.43	712.61	1372.08	81.77	946.16

(11) Station SAN FERNANDO
(0022)

MONTHLY MEAN DISCHARGE													(Unit: m ³ /s)
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	AVE
1975	390.69	196.19	249.20	245.42	710.27	1392.87	2765.90	3065.61	3487.77	3323.58	2893.13	1510.65	1685.94
1976	751.16	375.09	699.89	651.42	1798.68	2946.20	4393.84	6243.32	5252.43	3473.45	2448.53	1262.06	2524.67
1977	706.86	464.33	384.77	538.40	746.30	2319.50	3553.58	4421.13	5258.27	4279.58	3146.10	1276.18	2257.92
1978	601.68	482.64	325.20	930.27	1362.74	3083.77	4209.19	5389.00	5472.63	4678.13	2773.43	1531.87	2570.05
1979	719.66	429.02	422.75	822.45	1512.32	3141.87	4798.16	6104.03	4866.87	3873.48	3459.63	2373.23	2710.29
1980	1118.39	585.43	347.87	453.82	1630.00	3210.63	4487.23	6654.52	6282.50	4778.71	3492.97	1333.12	2864.60
1981	540.41	349.30	681.59	1035.20	3375.97	5308.03	8153.77	6159.71	5589.90	5102.45	3611.60	1388.09	3441.33
1982	777.89	540.43	384.86	1001.82	2751.68	3621.93	4608.65	6638.32	5428.53	3891.19	2387.80	1208.99	2770.17
1983	-	-	-	-	-	-	-	-	-	-	-	-	-
1984	-	-	-	-	-	-	-	-	-	-	-	-	-
1985	-	-	-	-	-	-	-	-	-	-	-	-	-
1986	-	-	-	-	-	-	-	-	-	-	-	-	-
1987	901.37	532.67	452.75	504.01	1008.97	1795.77	3060.77	4023.10	4810.67	4318.58	3368.83	1629.17	2200.56
1988	602.58	407.86	259.59	291.65	467.08	1259.61	2734.61	3780.32	4400.20	4599.87	3973.73	-	2070.65
1989	949.07	540.62	571.81	379.33	867.52	1805.07	2574.87	3356.00	2362.57	3067.32	2068.27	1094.56	1636.42
1990	500.24	735.00	640.28	689.28	1829.99	3310.13	4110.00	4382.39	4100.17	3048.06	2701.37	1832.16	2323.26
AVE	713.33	469.88	451.71	628.59	1505.13	2766.28	4120.88	5018.12	4776.04	4036.20	3027.12	1494.55	2417.32
MAX	1118.39	735.00	699.89	1035.20	3375.97	5308.03	8153.77	6654.52	6282.50	5102.45	3973.73	2373.23	3734.39
MIN	390.69	196.19	249.20	245.42	467.08	1259.61	2574.87	3065.61	2362.57	3048.06	2068.27	1094.56	1418.51

DATA - D4

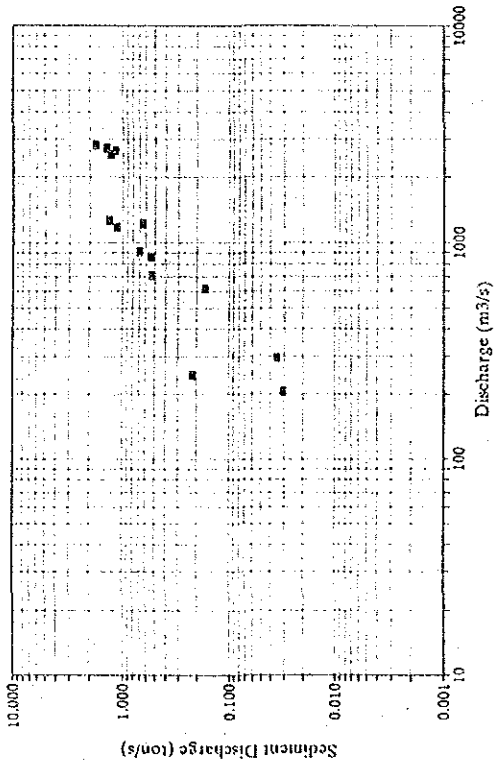
OBSERVED SEDIMENT LOAD BY PROA

Table OBSERVED SEDIMENT LOAD BY PROA

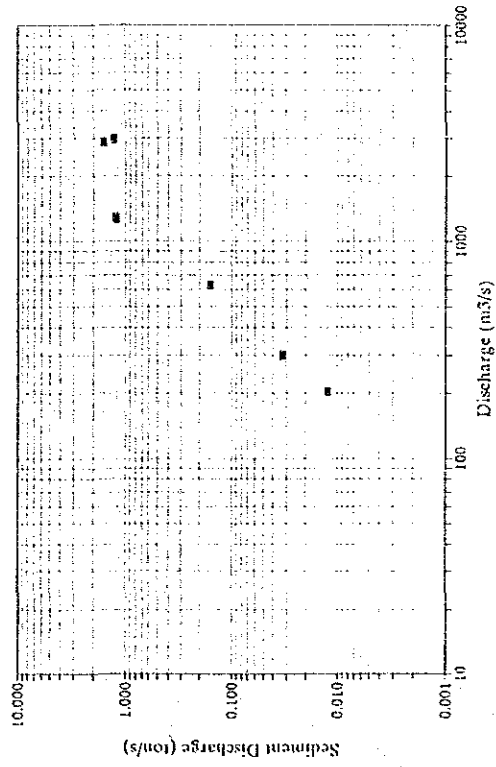
River	Station		Month / Year													
			05/86	02/87	06/87	12/87	02/88	05/88	08/88	11/88	04/89	08/89	03/90	05/91	08/91	07/92
Sarare	Pte. Remolico	Q(m ³ /s)	272	133	682		109	398	758	747	121	500	668	346	617	607
		Conc.(10 ⁻⁴ mg/l)	0.156	0.040	0.234		0.037	0.193	0.144	0.121	0.035	0.082	0.096	0.056	0.075	0.095
		Sed. Trans.(ton/s)	0.425	0.053	1.595		0.040	0.769	1.092	0.902	0.043	0.410	0.641	0.194	0.462	0.574
Apure	Palmarito	Q(m ³ /s)		134	747		114	301	914	1125	117	732	776	327	790	
		Conc.(10 ⁻⁴ mg/l)		0.024	0.223		0.027	0.076	0.115	0.105	0.018	0.074	0.115	0.044	0.108	
		Sed. Trans.(ton/s)		0.032	1.679		0.030	0.228	1.051	1.179	0.020	0.540	0.894	0.144	0.856	
C.La Tigra	Los Caracaras	Q(m ³ /s)	309	106	342		62	193	876	868	55	794	410	133	851	
		Conc.(10 ⁻⁴ mg/l)	0.037	0.012	0.054		0.009	0.041	0.037	0.037	0.005	0.033	0.031	0.013	0.033	
		Sed. Trans.(ton/s)	0.113	0.012	0.183		0.006	0.079	0.324	0.322	0.003	0.264	0.127	0.017	0.278	
Paguey	Paguey	Q(m ³ /s)		18				82	220	212	15	213	130		213	
		Conc.(10 ⁻⁴ mg/l)		0.027				0.034	0.042	0.058	0.022	0.036	0.044		0.070	
		Sed. Trans.(ton/s)		0.003				0.028	0.092	0.123	0.003	0.076	0.057		0.149	
Masparro	Sararito	Q(m ³ /s)	52	9				14	95	106		94	56	62	113	
		Conc.(10 ⁻⁴ mg/l)	0.062	0.013				0.025	0.026	0.039		0.031	0.024	0.028	0.047	
		Sed. Trans.(ton/s)	0.032	0.001				0.003	0.025	0.095		0.029	0.013	0.017	0.053	
Apure	Bruzual	Q(m ³ /s)	1185	293	1271	1221	206	709	2653	2831	245	2726	664	614	2545	908
		Conc.(10 ⁻⁴ mg/l)	0.095	0.012	0.104	0.053	0.015	0.075	0.044	0.063	0.089	0.052	0.063	0.028	0.050	0.076
		Sed. Trans.(ton/s)	1.130	0.033	1.323	0.646	0.030	0.532	1.167	1.769	0.218	1.409	0.341	0.169	1.280	0.693
Apure	El Saman	Q(m ³ /s)	1283	300	1264					2867	203		626	2973		
		Conc.(10 ⁻⁴ mg/l)	0.097	0.011	0.096					0.056	0.006		0.025	0.044		
		Sed. Trans.(ton/s)	1.245	0.033	1.217					1.600	0.012		0.159	1.293		
B.De Rompida	La Rompida	Q(m ³ /s)				53			190	181		163	52		147	
		Conc.(10 ⁻⁴ mg/l)				0.065			0.020	0.060		0.050	0.057		0.035	
		Sed. Trans.(ton/s)				0.034			0.038	0.109		0.081	0.045		0.052	
C. Bravo	El Fomento	Q(m ³ /s)				228	25	107	539	540	29	324	298	110	595	
		Conc.(10 ⁻⁴ mg/l)				0.055	0.013	0.058	0.023	0.030	0.002	0.033	0.035	0.020	0.041	
		Sed. Trans.(ton/s)				0.125	0.003	0.062	0.124	0.271	0.001	0.175	0.254	0.022	0.245	
C. Garzas	Mis Desaos	Q(m ³ /s)		22			34	184	1108	1113	36	1112	618	197	1134	
		Conc.(10 ⁻⁴ mg/l)		0.008			0.012	0.045	0.033	0.052	0.008	0.029	0.066	0.019	0.045	
		Sed. Trans.(ton/s)		0.002			0.004	0.083	0.366	0.574	0.003	0.326	0.410	0.036	0.307	
C. Ruacado	Chamizal	Q(m ³ /s)		252			204	412	1364	1318	185	1315	775	420	1462	
		Conc.(10 ⁻⁴ mg/l)		0.009			0.013	0.046	0.053	0.053	0.008	0.039	0.072	0.032	0.043	
		Sed. Trans.(ton/s)		0.023			0.026	0.190	0.723	0.700	0.013	0.317	0.557	0.132	0.639	
C.Las Yeguas	Las Yeguas	Q(m ³ /s)							349	346			131		335	
		Conc.(10 ⁻⁴ mg/l)							0.040	0.047			0.059		0.013	
		Sed. Trans.(ton/s)							0.140	0.161			0.077		0.044	
Portuguesa	Camaguan	Q(m ³ /s)		152	337		54	59	775	726	80	481	269	201	501	
		Conc.(10 ⁻⁴ mg/l)		0.009	0.033		0.014	0.022	0.049	0.025	0.018	0.023	0.052	0.031	0.019	
		Sed. Trans.(ton/s)		0.013	0.111		0.008	0.013	0.380	0.181	0.014	0.108	0.139	0.062	0.167	
Apure	San Fernando	Q(m ³ /s)			1752		303	685	4105	4550	283	3919	2034	928	4169	
		Conc.(10 ⁻⁴ mg/l)			0.045		0.014	0.045	0.039	0.035	0.012	0.027	0.063	0.027	0.034	
		Sed. Trans.(ton/s)			0.783		0.043	0.306	1.601	1.579	0.033	1.039	1.275	0.254	1.413	
Boquerones	Boquerones	Q(m ³ /s)	134	32		171	20	47	541	575	18	483	195	75	672	
		Conc.(10 ⁻⁴ mg/l)	0.086	0.018		0.050	0.015	0.099	0.028	0.032	0.008	0.023	0.038	0.020	0.022	
		Sed. Trans.(ton/s)	0.116	0.006		0.085	0.003	0.047	0.151	0.182	0.001	0.110	0.074	0.015	0.148	
Aparito	Mangas Cerveras	Q(m ³ /s)		266			876	218	381	1606	1694	198	1536	942	481	1677
		Conc.(10 ⁻⁴ mg/l)		0.009			0.042	0.013	0.041	0.015	0.039	0.007	0.026	0.062	0.024	0.013
		Sed. Trans.(ton/s)		0.023			0.370	0.028	0.148	0.241	0.664	0.014	0.399	0.579	0.114	0.221
Canjerito	Las Playas	Q(m ³ /s)				279	66	120	530	536	57	502	304	156	571	
		Conc.(10 ⁻⁴ mg/l)				0.043	0.014	0.042	0.038	0.030	0.010	0.023	0.066	0.026	0.025	
		Sed. Trans.(ton/s)				0.119	0.009	0.050	0.201	0.159	0.006	0.116	0.202	0.081	0.142	
Apure	El Saual	Q(m ³ /s)					84	209	1243	1468	80	1398	886	386	1493	
		Conc.(10 ⁻⁴ mg/l)					0.013	0.037	0.028	0.048	0.008	0.028	0.070	0.030	0.026	
		Sed. Trans.(ton/s)					0.011	0.077	0.348	0.703	0.007	0.390	0.623	0.114	0.387	
Aparito	Falo Seco	Q(m ³ /s)									16	428	266		281	
		Conc.(10 ⁻⁴ mg/l)									0.009	0.022	0.059		0.030	
		Sed. Trans.(ton/s)									0.001	0.093	0.157		0.085	
C. Maanati	El Guayabo	Q(m ³ /s)		185			13	61	377							
		Conc.(10 ⁻⁴ mg/l)		0.017			0.018	0.032	0.031							
		Sed. Trans.(ton/s)		0.032			0.002	0.019	0.117							
Apure	El Perro	Q(m ³ /s)	800	324	1304		227	458	2162	2552	232	2500	1470	671		
		Conc.(10 ⁻⁴ mg/l)	0.053	0.012	0.048		0.016	0.032	0.046	0.052	0.009	0.028	0.065	0.031		
		Sed. Trans.(ton/s)	0.421	0.057	0.629		0.037	0.146	0.995	1.324	0.022	0.688	0.960	0.203		

Note : Data in 07/92 were measured by JICA study team

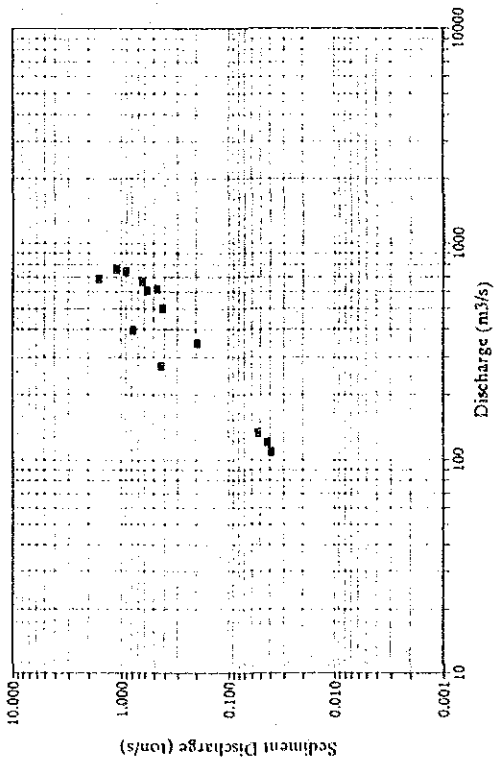
Bruzul



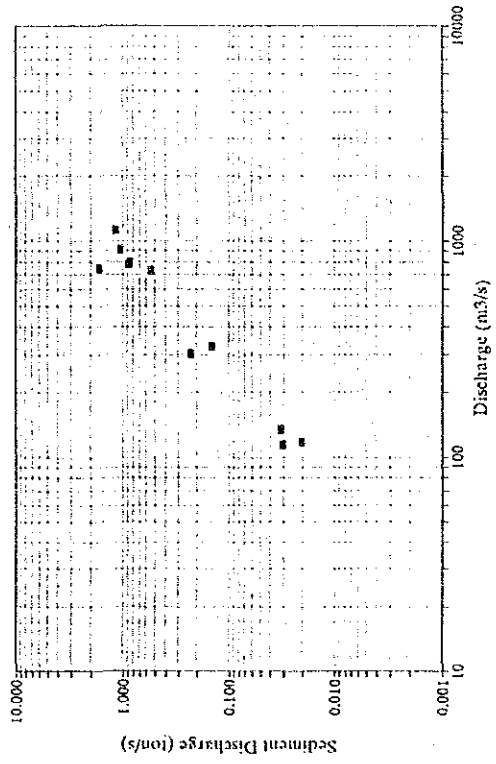
El Saman



Puente Remolivo

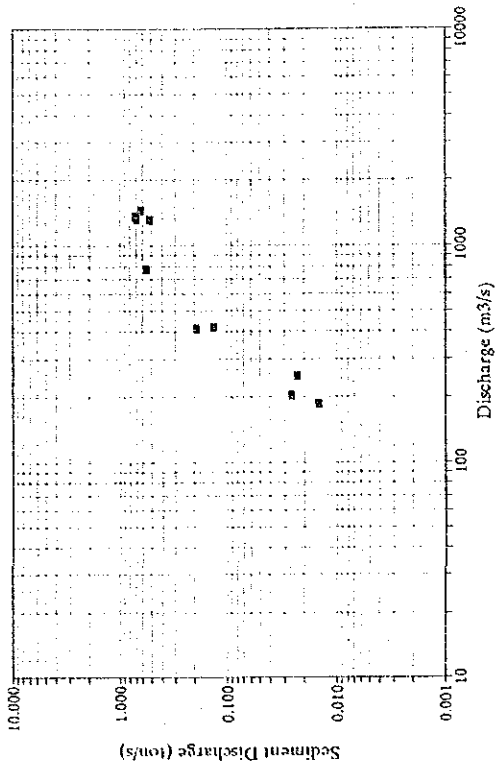


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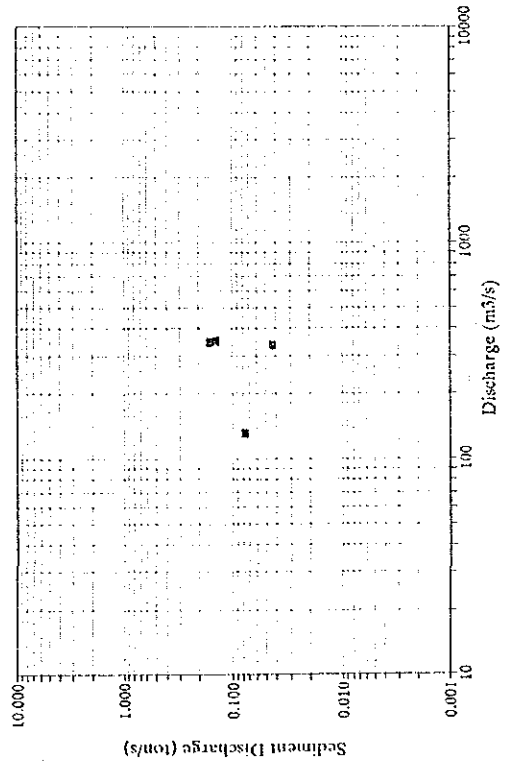


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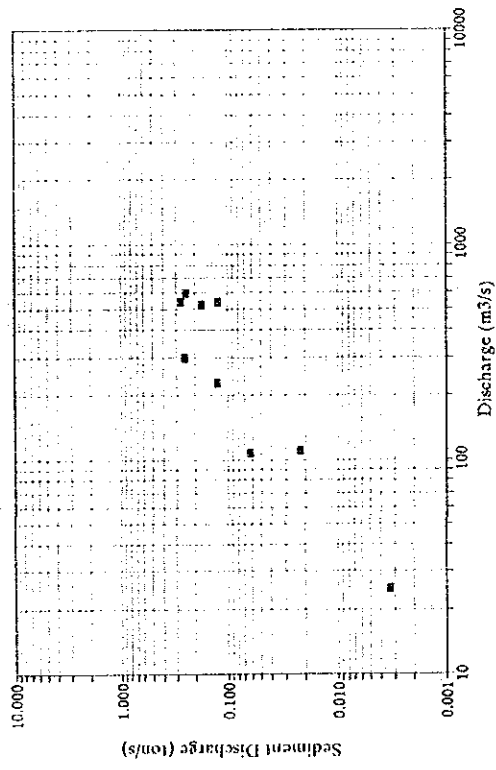
Chamizal / C. Ruende



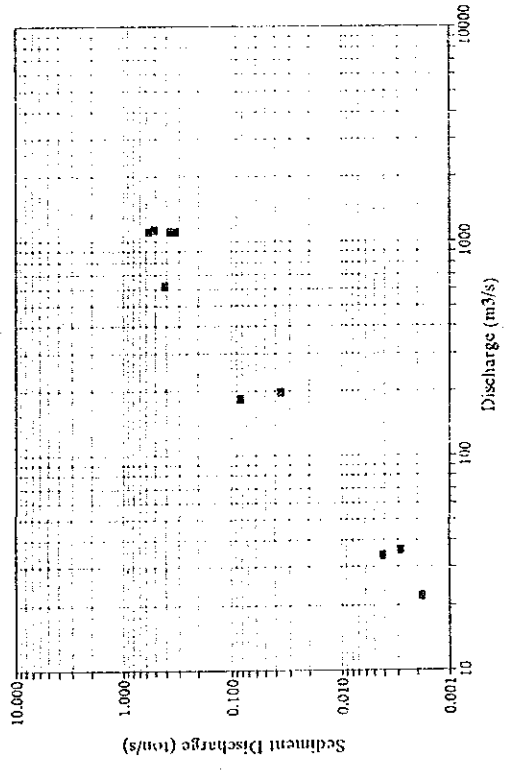
Las Yeguas / C. Las Yeguas



El Foncuto / C. Bravo

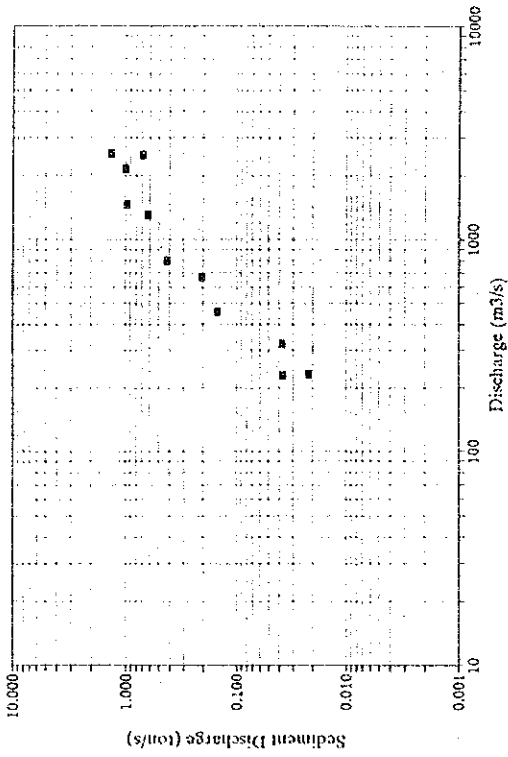


Mis Deseos / C. Garzas

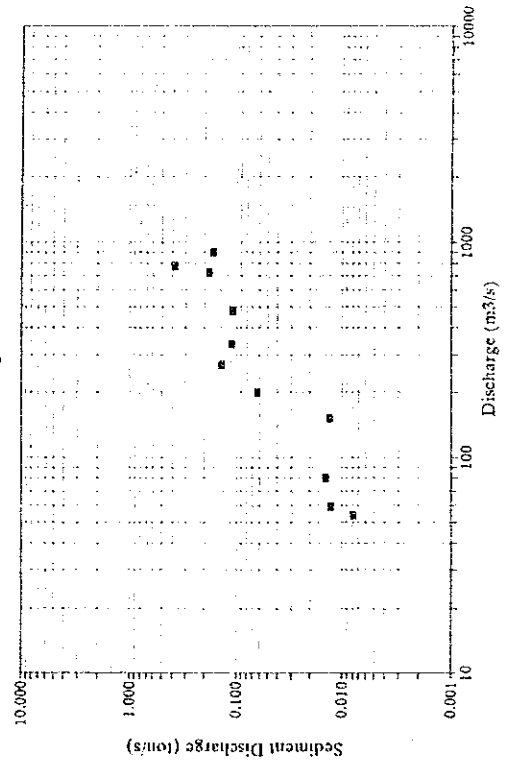


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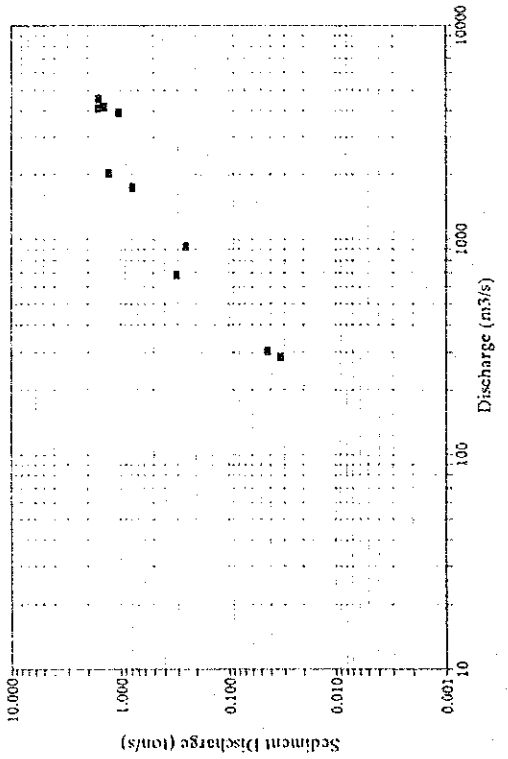
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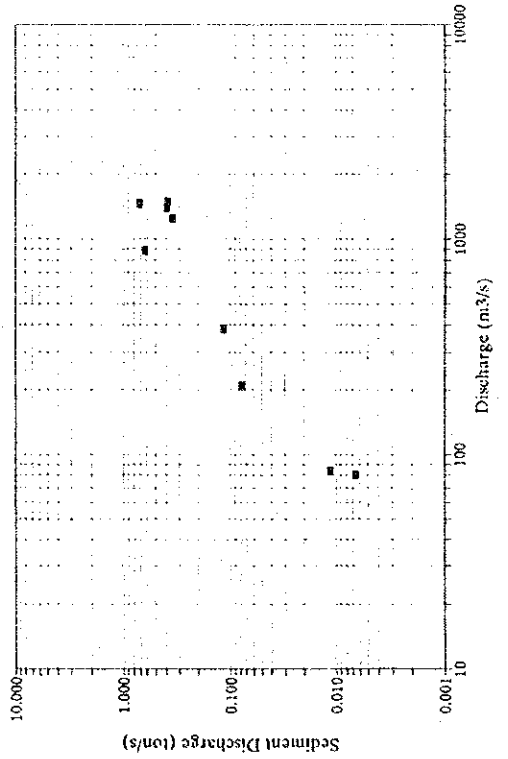
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San Fernando

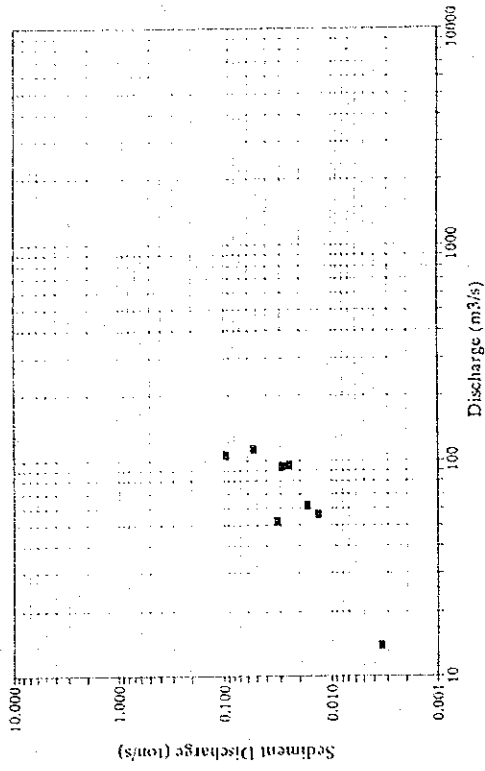


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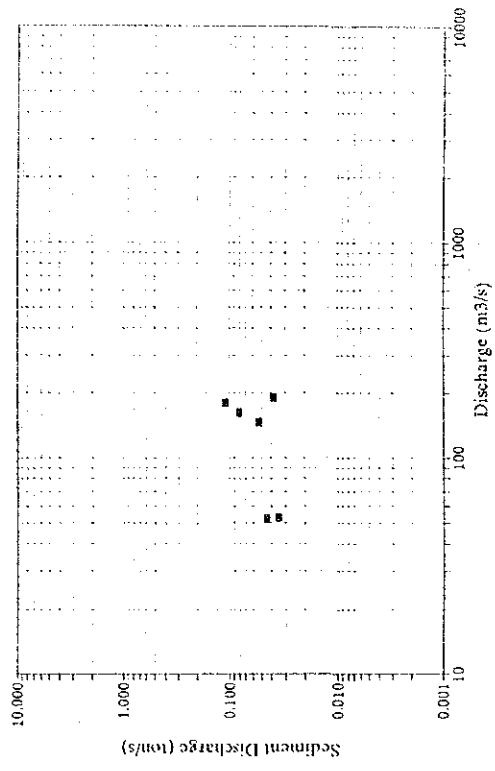


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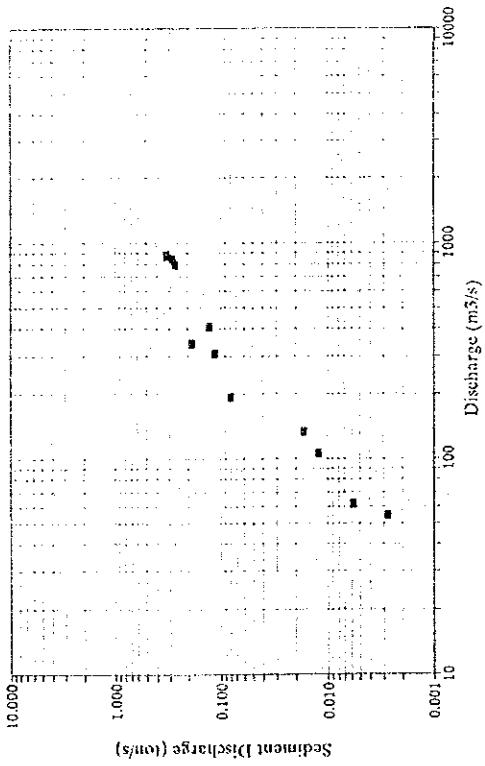
Surarito / Masparro R.



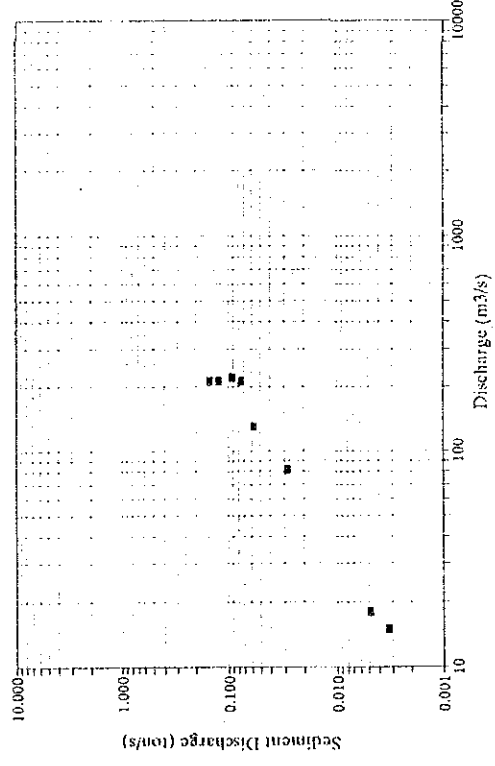
La Rompida / B. De. Rompida



Los Caraceros / C. La Tigrá

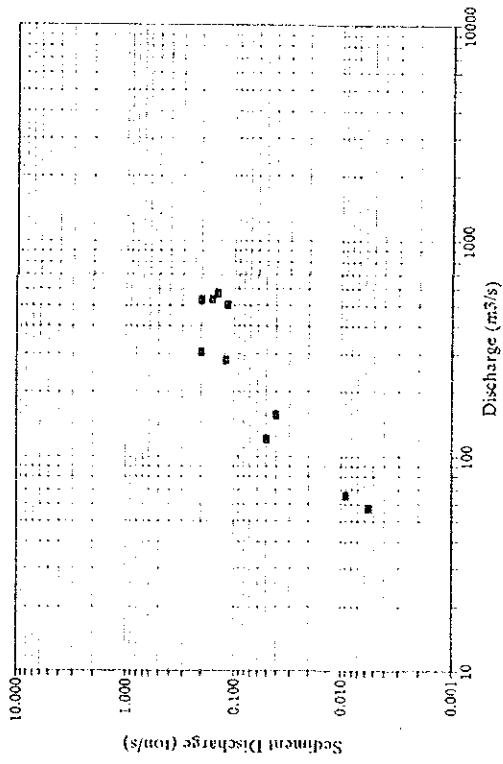


Paguey / Paguey R.

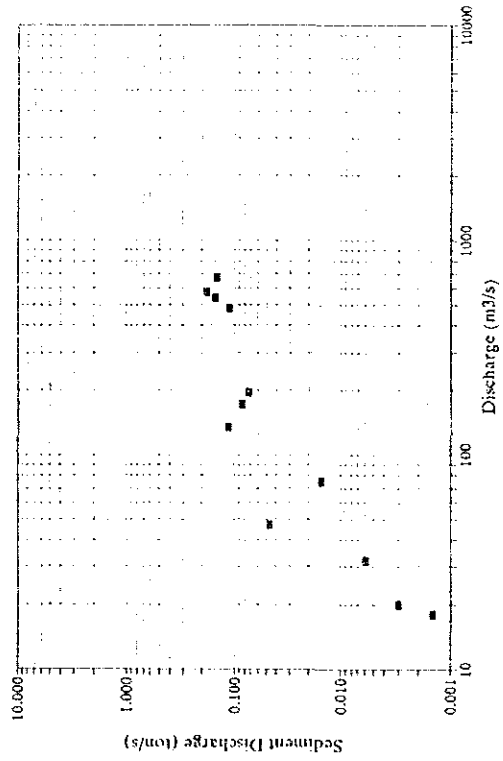


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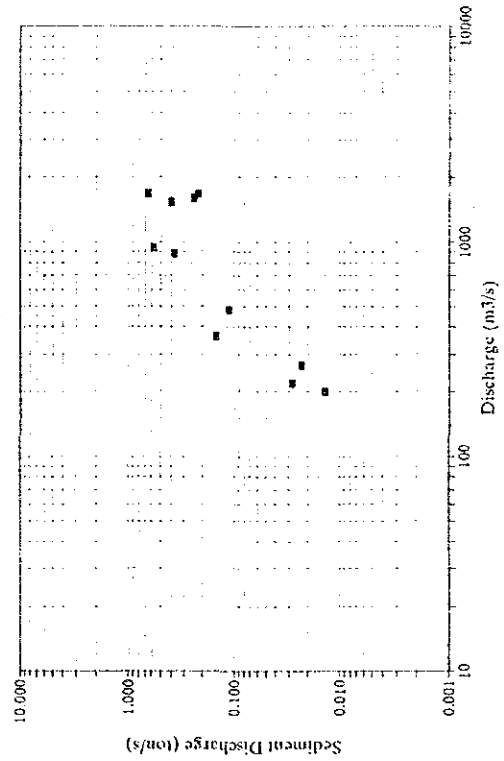
Las Playas / Caujarito R.



Boquerous / Boquerous R.



Mangas Caveras / Apurito R.



THE REPUBLIC OF VENEZUELA
COMPREHENSIVE IMPROVEMENT
OF THE APURE RIVER BASIN
JAPAN INTERNATIONAL COOPERATION AGENCY

DATA - D5

BASIN MEAN RAINFALL

- (1) Apure River Basin**
- (2) Portuguesa River Basin**
- (3) Whole River Basin**
(Apure and Portuguesa River Basin)

(1) Apure River Basin

YEAR	MONTHLY RAINFALL												TOTAL
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1967	22.3	5.8	19.7	178.6	152.9	319.9	414.1	302.3	179.9	196.1	112.6	33.3	1937.5
1968	6.1	14.4	13.9	152.8	211.2	339.9	282.6	224.9	240.8	229.4	95.1	20.1	1831.2
1969	31.8	44.5	55.5	180.2	180.8	241.4	255.1	238.2	147.6	294.0	150.3	53.3	1872.7
1970	29.7	36.2	24.8	106.3	163.8	291.7	311.2	284.4	194.6	208.8	95.5	69.8	1816.8
1971	27.7	19.1	30.7	117.2	216.4	200.7	264.7	230.0	216.0	170.2	106.0	51.7	1650.4
1972	69.5	29.9	133.8	224.6	276.9	267.1	267.3	213.3	247.4	175.6	79.3	26.0	2010.7
1973	8.5	1.1	28.0	125.4	169.3	197.5	259.7	188.4	248.7	179.2	139.0	35.3	1580.1
1974	16.3	16.6	17.0	63.8	150.0	153.2	218.9	233.7	233.2	142.4	137.7	4.6	1387.4
1975	6.4	6.6	54.4	62.2	203.7	218.2	239.1	214.0	214.8	226.5	108.0	56.8	1610.7
1976	22.0	26.5	51.8	195.1	220.5	349.6	263.6	248.8	155.6	197.2	83.8	49.7	1864.2
1977	2.5	2.4	48.9	52.3	231.3	347.3	293.0	248.6	206.8	189.1	113.6	9.4	1745.2
1978	4.5	5.3	51.1	213.0	225.6	386.7	245.3	265.7	257.1	153.9	113.7	52.9	1974.8
1979	1.3	4.3	88.9	172.1	250.7	368.2	272.1	214.8	198.7	226.3	175.1	99.6	2072.1
1980	5.6	5.0	18.5	134.9	268.2	335.5	287.0	210.5	204.9	223.5	105.5	12.6	1811.7
1981	3.8	80.1	69.7	265.7	383.7	337.8	198.7	270.4	235.8	204.8	105.5	68.6	2224.6
1982	7.9	25.4	19.4	242.3	339.6	301.9	337.2	202.4	184.5	186.6	83.1	39.1	1969.4
1983	14.1	37.4	39.5	189.5	297.3	281.1	314.5	304.0	196.0	178.9	59.2	44.7	1956.2
1984	30.3	19.3	10.4	85.3	143.4	277.9	243.2	249.1	212.2	133.5	113.5	25.3	1543.4
1985	0.5	3.9	28.3	115.4	245.3	253.4	214.4	256.1	146.4	243.7	124.9	49.9	1682.2
1986	14.2	20.8	21.5	98.0	232.7	320.9	281.4	295.5	179.7	283.7	129.1	32.6	1910.1
1987	11.3	15.0	95.5	86.9	171.4	208.6	310.7	261.0	180.4	239.5	118.4	29.5	1728.2
1988	3.2	15.3	5.5	54.6	136.5	300.5	276.6	277.3	250.7	209.9	171.2	40.3	1741.6
1989	16.7	42.4	15.2	21.4	238.3	249.8	264.8	253.5	213.8	196.3	102.5	28.0	1642.6
1990	29.6	27.2	91.3	137.5	312.3	264.6	227.0	217.8	168.2	213.2	145.6	46.1	1880.4
AVE	16.1	21.0	43.1	136.5	225.9	283.9	272.6	246.0	204.7	204.3	115.3	40.8	1810.2
MAX	69.5	80.1	133.8	265.7	383.7	386.7	414.1	304.0	257.1	294.0	175.1	99.6	2863.4
MIN	0.5	1.1	5.5	21.4	136.5	153.2	198.7	188.4	146.4	133.5	59.2	4.6	1049.0

(2) Portuguesa River Basin

YEAR	MONTHLY RAINFALL												TOTAL
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1967	6.4	0.9	11.3	96.2	122.0	212.0	304.2	185.7	126.8	152.7	37.4	27.8	1283.4
1968	1.5	6.3	6.8	63.5	174.7	220.0	226.3	194.3	165.8	104.8	53.3	32.4	1249.7
1969	20.2	45.4	15.9	173.8	227.1	314.5	226.6	286.1	109.9	184.4	120.9	45.6	1770.4
1970	12.4	32.0	6.8	68.7	157.3	226.9	249.9	264.2	225.9	149.4	62.8	97.1	1553.4
1971	15.7	9.3	8.1	100.8	164.3	166.8	182.0	174.7	172.7	136.3	92.3	17.5	1240.5
1972	43.8	24.0	71.3	146.1	227.4	228.9	244.6	144.0	147.4	122.1	74.3	41.1	1515.0
1973	2.7	0.6	12.1	99.4	89.6	186.5	216.2	181.6	235.6	131.9	100.9	10.8	1267.9
1974	7.6	8.2	8.0	20.2	156.7	121.9	201.3	206.4	169.6	121.4	101.0	7.1	1129.4
1975	5.6	3.9	22.0	42.6	191.0	197.7	168.3	201.3	178.5	198.1	101.1	80.3	1390.4
1976	8.7	6.2	14.5	166.2	221.1	302.7	246.7	160.6	117.4	145.9	76.4	45.1	1511.5
1977	0.9	0.7	42.0	5.6	200.7	262.1	222.5	181.0	152.5	129.9	91.0	4.4	1293.3
1978	6.8	0.7	19.9	171.6	225.0	285.2	208.0	206.3	162.4	146.9	72.4	28.8	1534.0
1979	0.5	1.4	59.7	126.4	208.3	293.2	199.5	197.4	152.5	160.7	99.5	55.5	1554.6
1980	5.2	0.5	10.1	101.0	234.7	233.1	286.8	187.0	212.5	141.0	109.8	12.8	1534.5
1981	4.3	51.9	23.1	230.8	278.1	269.8	214.3	216.4	207.0	143.9	62.7	55.4	1757.7
1982	13.9	14.3	4.3	202.8	227.1	189.2	234.4	169.0	154.7	122.3	76.6	31.3	1439.9
1983	16.5	9.4	12.3	169.4	274.4	252.3	245.3	222.6	151.6	141.3	75.5	43.5	1614.1
1984	14.7	12.0	1.3	81.0	68.9	213.6	218.4	220.8	170.2	125.5	137.0	25.3	1288.7
1985	0.1	3.0	13.0	58.2	147.1	167.0	204.3	196.8	148.5	179.1	92.2	46.3	1255.6
1986	5.4	19.0	10.2	59.9	176.1	267.7	236.6	194.6	168.5	169.8	105.7	34.1	1447.6
1987	10.6	1.5	25.4	41.7	209.9	163.7	248.8	188.1	180.4	153.5	114.3	24.5	1362.4
1988	0.3	8.0	0.9	24.6	56.0	272.3	178.2	244.2	194.5	141.1	116.7	27.4	1264.2
1989	9.4	26.2	10.6	11.8	158.6	168.2	175.3	160.8	156.8	119.8	76.8	16.4	1090.7
1990	15.3	16.1	16.3	82.9	234.8	262.7	230.3	197.3	128.9	177.0	69.9	17.0	1448.5
AVE	9.5	12.6	17.7	97.7	184.6	228.3	223.7	199.2	166.3	145.8	88.4	34.5	1408.2
MAX	43.8	51.9	71.3	230.8	278.1	314.5	304.2	286.1	235.6	198.1	137.0	97.1	2248.5
MIN	0.1	0.5	0.9	5.6	56.0	121.9	168.3	144.0	109.9	104.8	37.4	4.4	753.8

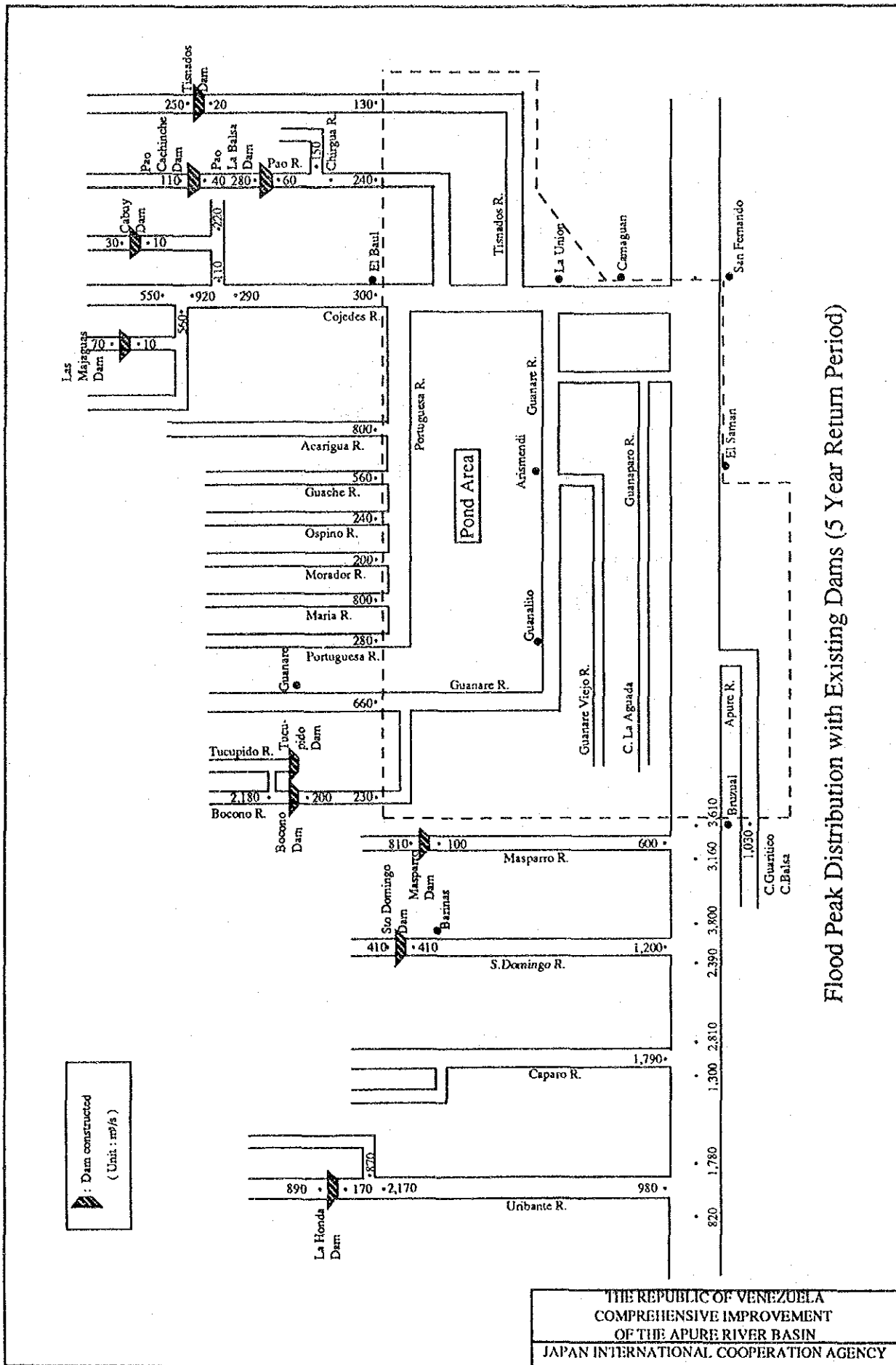
(3) Total River Basin

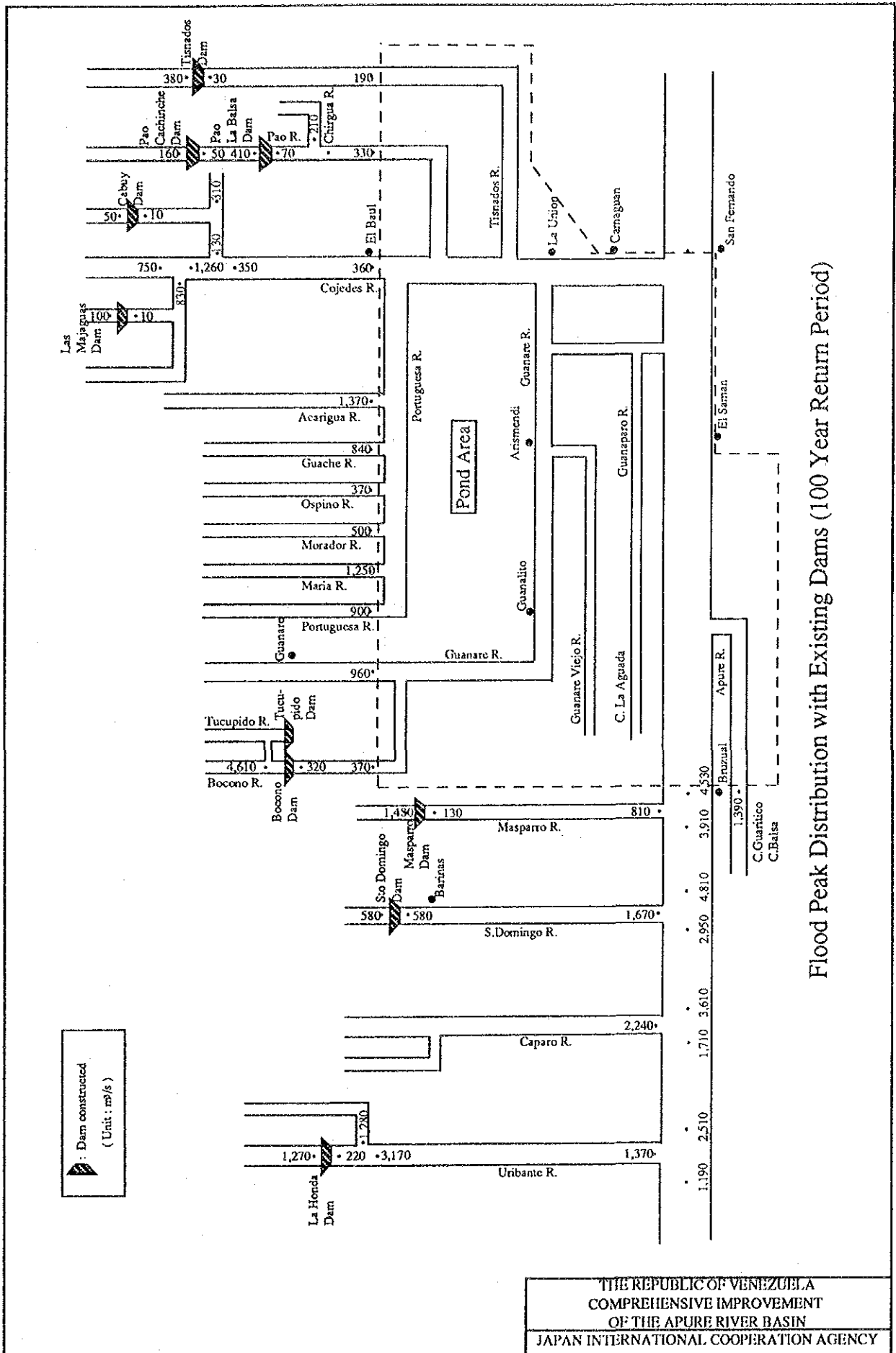
YEAR	MONTHLY RAINFALL												TOTAL
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1967	14.7	3.5	15.6	139.1	137.7	267.5	360.8	246.0	154.0	174.4	76.7	30.5	1620.4
1968	3.9	10.5	10.4	109.1	193.3	281.3	255.3	210.2	203.9	168.8	75.0	26.0	1547.7
1969	26.1	45.0	36.2	176.9	203.5	277.2	241.3	262.0	129.4	240.7	136.0	49.6	1823.9
1970	21.3	34.2	16.0	88.0	161.0	260.5	281.8	275.1	209.9	179.9	79.7	83.2	1690.6
1971	21.8	14.4	19.7	109.3	191.2	184.2	224.4	203.1	194.9	153.8	99.6	35.0	1451.4
1972	57.0	27.0	103.4	186.7	253.1	248.8	256.1	179.9	199.0	149.8	77.1	33.3	1771.2
1973	5.6	0.8	20.3	112.8	130.8	192.2	238.7	185.3	242.7	156.0	120.6	23.2	1429.0
1974	12.1	12.5	12.6	42.5	153.4	138.1	210.6	220.6	202.6	132.2	119.6	5.8	1262.6
1975	6.0	5.3	38.7	52.7	197.6	208.3	204.5	208.2	197.3	212.9	104.8	68.3	1504.6
1976	15.5	16.6	33.6	181.1	220.9	326.8	255.2	205.9	137.0	172.7	80.2	47.6	1693.1
1977	1.7	1.5	45.7	29.5	216.4	305.8	258.5	216.1	180.6	160.2	102.7	7.0	1525.7
1978	5.6	3.0	36.0	193.3	225.6	337.9	226.7	237.0	210.9	150.6	93.6	41.2	1761.4
1979	0.9	2.9	74.7	149.9	230.0	332.0	236.7	206.6	176.4	194.3	138.2	78.1	1820.7
1980	5.4	2.8	14.3	118.5	252.1	285.7	286.9	199.2	208.8	183.4	107.6	12.7	1677.4
1981	4.0	66.5	47.0	248.6	332.6	305.0	206.2	244.7	222.0	175.1	84.6	62.0	1998.3
1982	10.9	20.1	12.1	223.3	284.8	247.4	287.3	186.0	170.2	155.5	80.0	35.3	1712.9
1983	15.3	23.8	26.3	180.1	286.2	267.3	281.0	264.6	174.5	160.7	67.2	44.2	1791.2
1984	22.7	15.8	6.0	83.3	107.4	246.9	231.4	235.2	191.9	130.0	124.7	25.2	1420.5
1985	0.3	3.4	20.9	87.6	197.5	211.4	209.5	227.4	147.1	212.3	108.8	48.3	1474.5
1986	9.9	19.8	16.0	79.6	205.2	294.9	258.9	246.4	174.3	228.3	117.6	33.2	1684.1
1987	10.9	8.4	61.4	64.9	190.2	187.2	281.1	225.8	180.3	197.7	116.6	27.0	1551.5
1988	1.7	11.7	3.3	39.9	96.8	287.3	228.4	261.7	223.9	176.3	144.3	34.0	1509.2
1989	13.2	34.5	13.0	16.7	199.5	210.2	221.0	208.8	186.4	159.0	90.2	22.1	1374.5
1990	22.7	21.9	55.1	111.0	274.7	263.8	228.3	208.1	149.2	195.4	108.9	32.0	1671.0
AVE	12.9	16.9	30.8	117.7	205.9	257.0	248.8	223.5	186.1	175.8	102.3	37.7	1615.3
MAX	57.0	66.5	103.4	248.6	332.6	337.9	360.8	275.1	242.7	240.7	144.3	83.2	2492.9
MIN	0.3	0.8	3.3	16.7	96.8	138.1	204.5	179.9	129.4	130.0	67.2	5.8	972.7

DATA - D6

FLOOD PEAK DISTRIBUTION WITH EXISTING DAMS

- (1) 2-yr Return Period
- (2) 5-yr Return Period
- (3) 20-yr Return Period
- (4) 50-yr Return Period
- (5) 100-yr Return Period



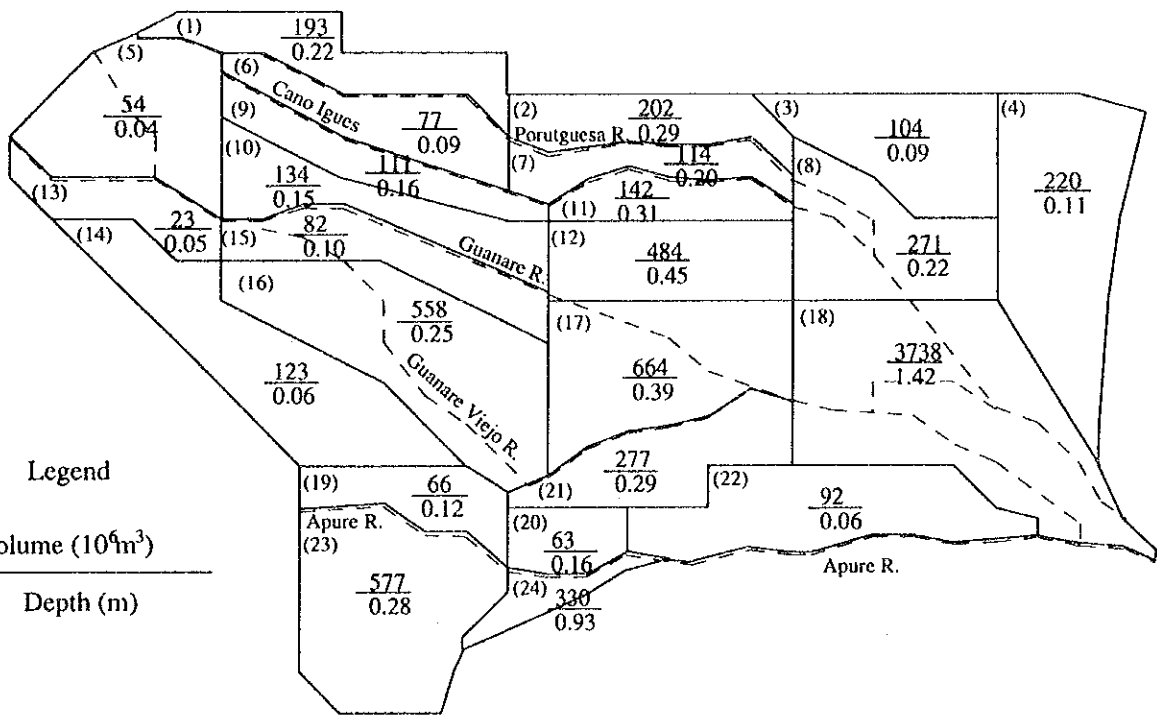
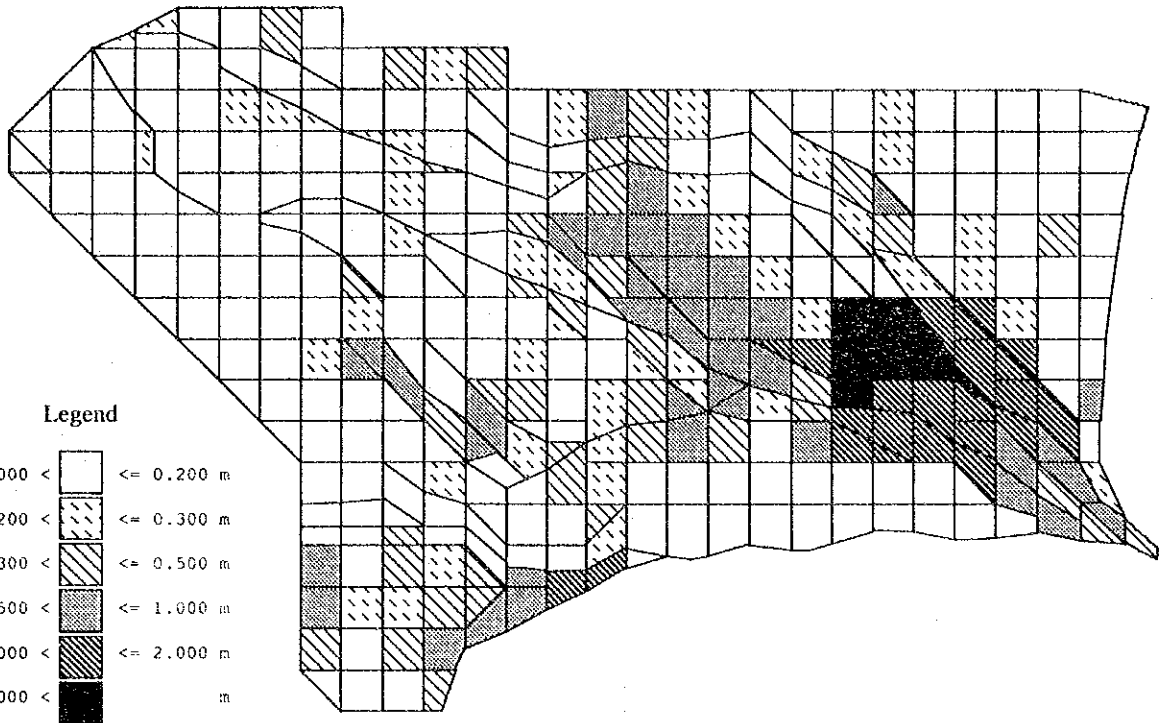


DATA - D7

INUNDATION CALCULATION RESULTS (MAXIMUM INUNDATION DEPTH)

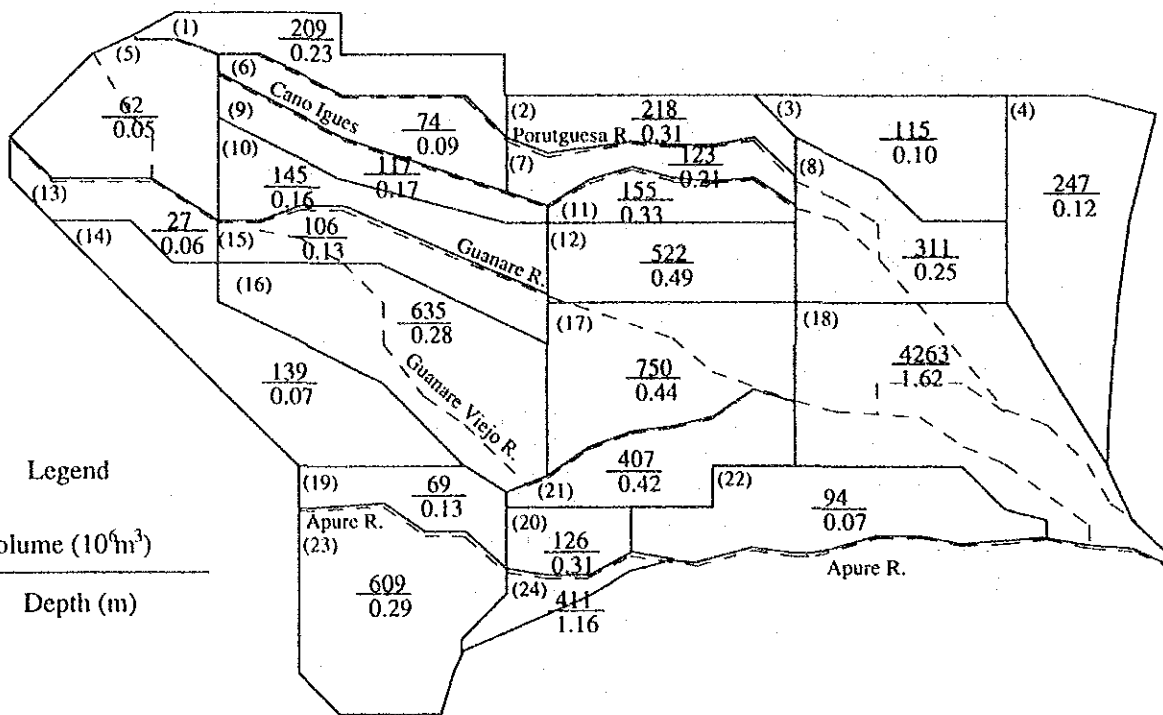
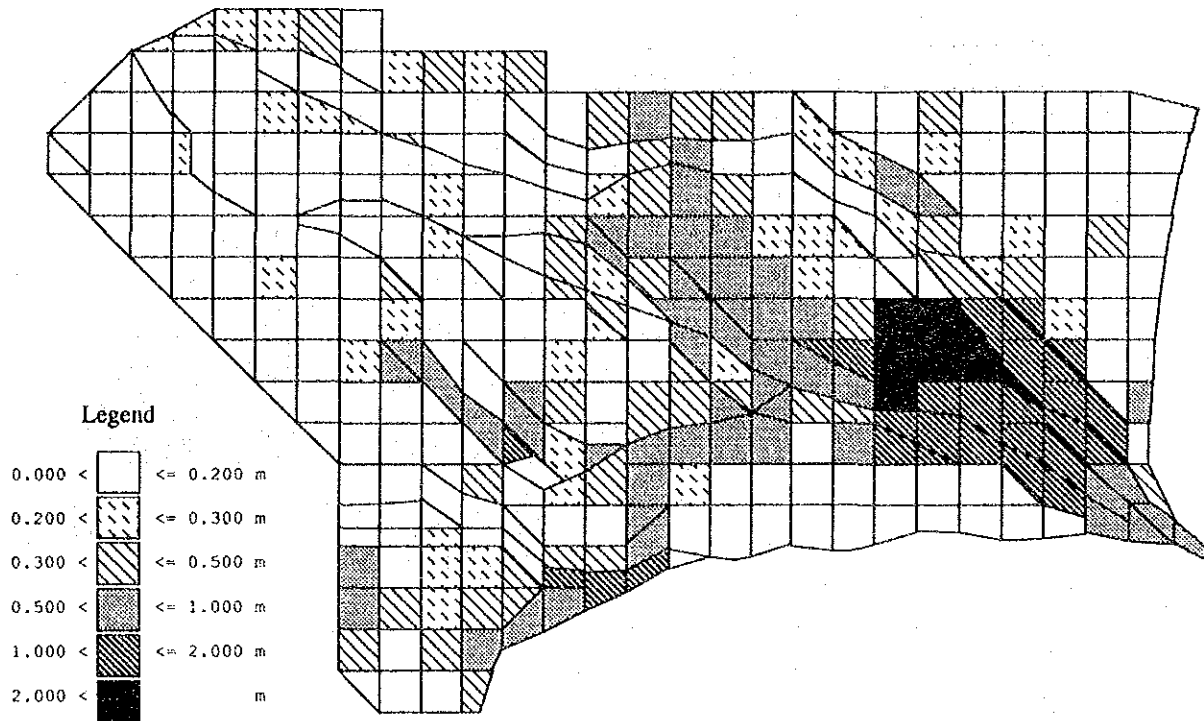
(1) Present Condition	(2-yr Return Period)
(2) Present Condition	(5-yr Return Period)
(3) Present Condition	(50-yr Return Period)
(4) Plan A1	(2-yr Return Period)
(5) Plan A1	(5-yr Return Period)
(6) Plan A1	(50-yr Return Period)
(7) Plan B1	(2-yr Return Period)
(8) Plan B1	(5-yr Return Period)
(9) Plan B1	(50-yr Return Period)
(10) Plan C1	(2-yr Return Period)
(11) Plan C1	(5-yr Return Period)
(12) Plan C1	(50-yr Return Period)
(13) Plan C2	(50-yr Return Period)
(14) Proposed Plan	(2-yr Return Period)
(15) Proposed Plan	(5-yr Return Period)
(16) Proposed Plan	(50-yr Return Period)

Note: Results for 10-yr return period are attached to Main Report and Support.



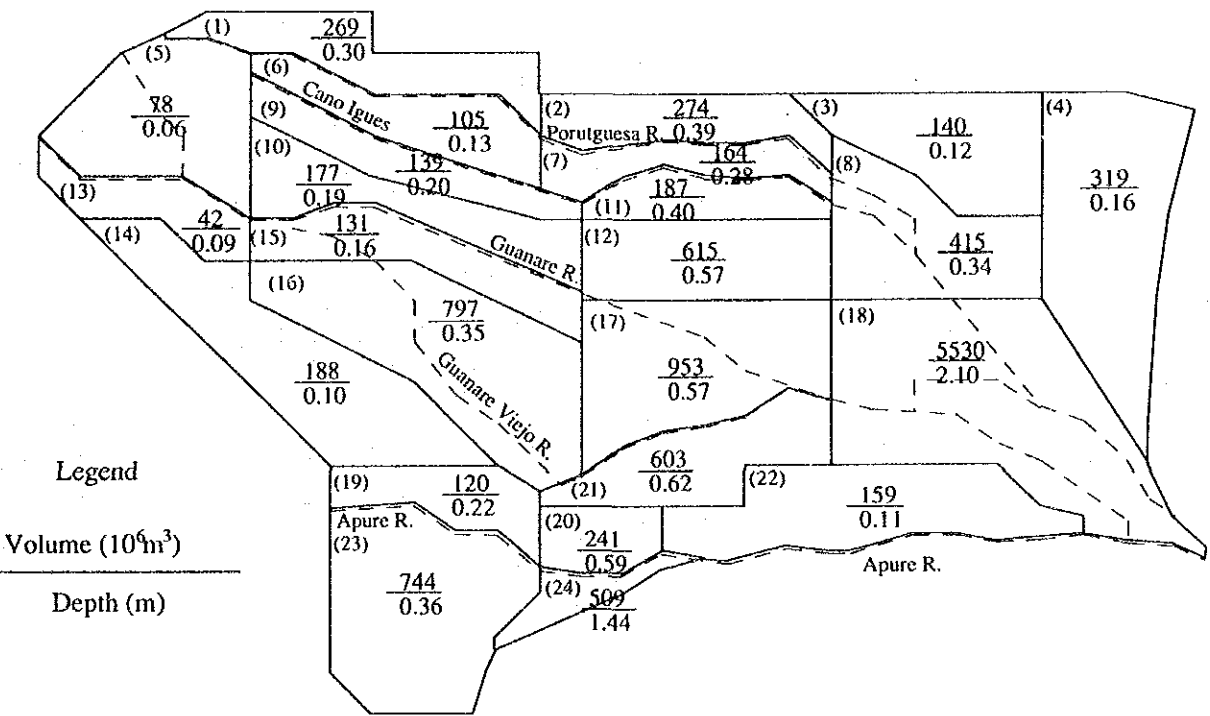
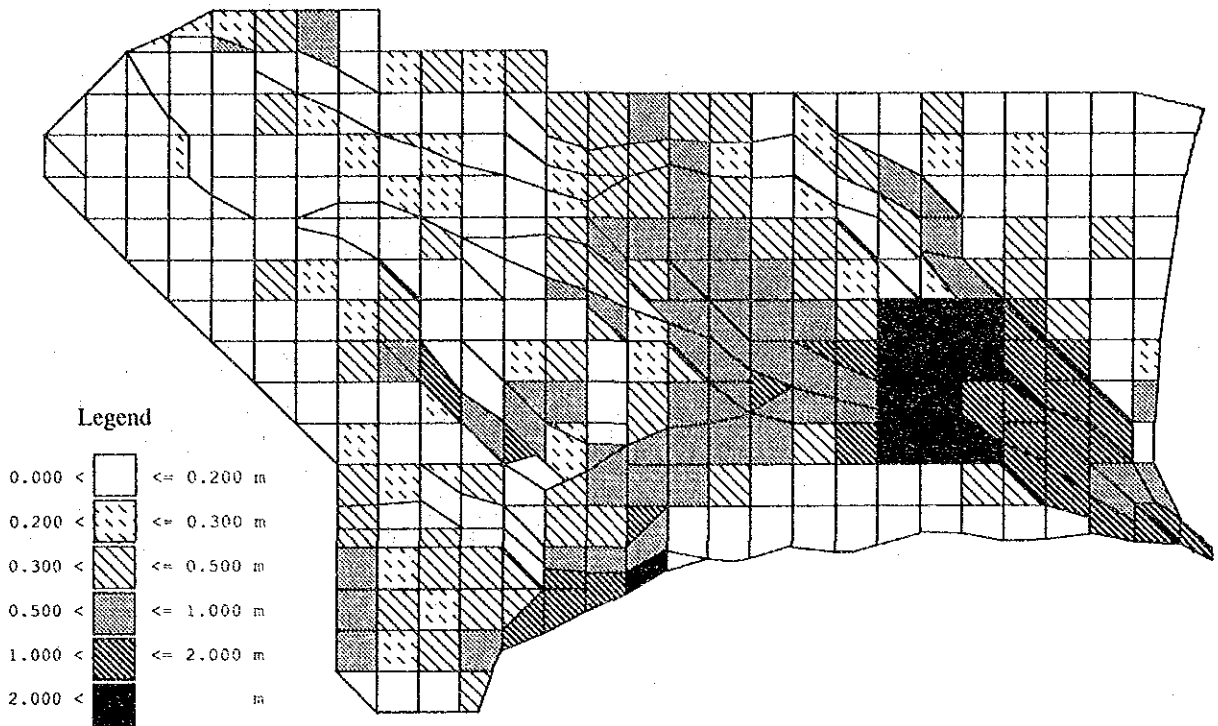
(1) Present Condition (2-yr Return Period)

THE REPUBLIC OF VENEZUELA
 COMPREHENSIVE IMPROVEMENT
 OF THE APURE RIVER BASIN
 JAPAN INTERNATIONAL COOPERATION AGENCY



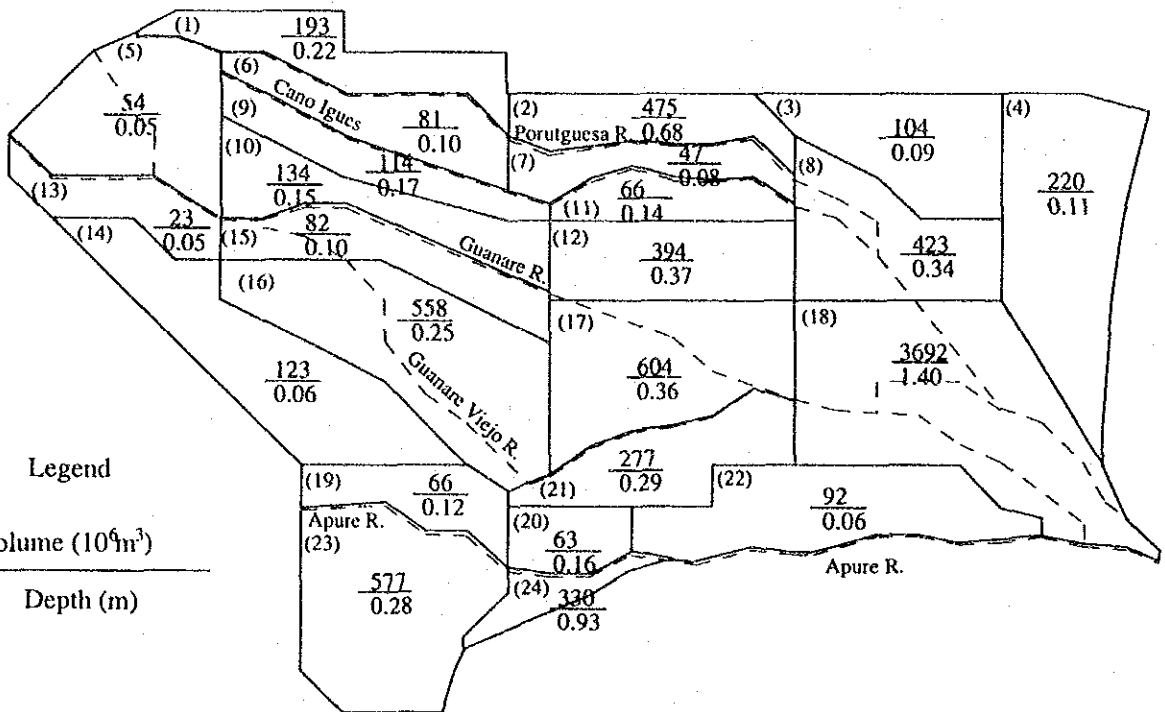
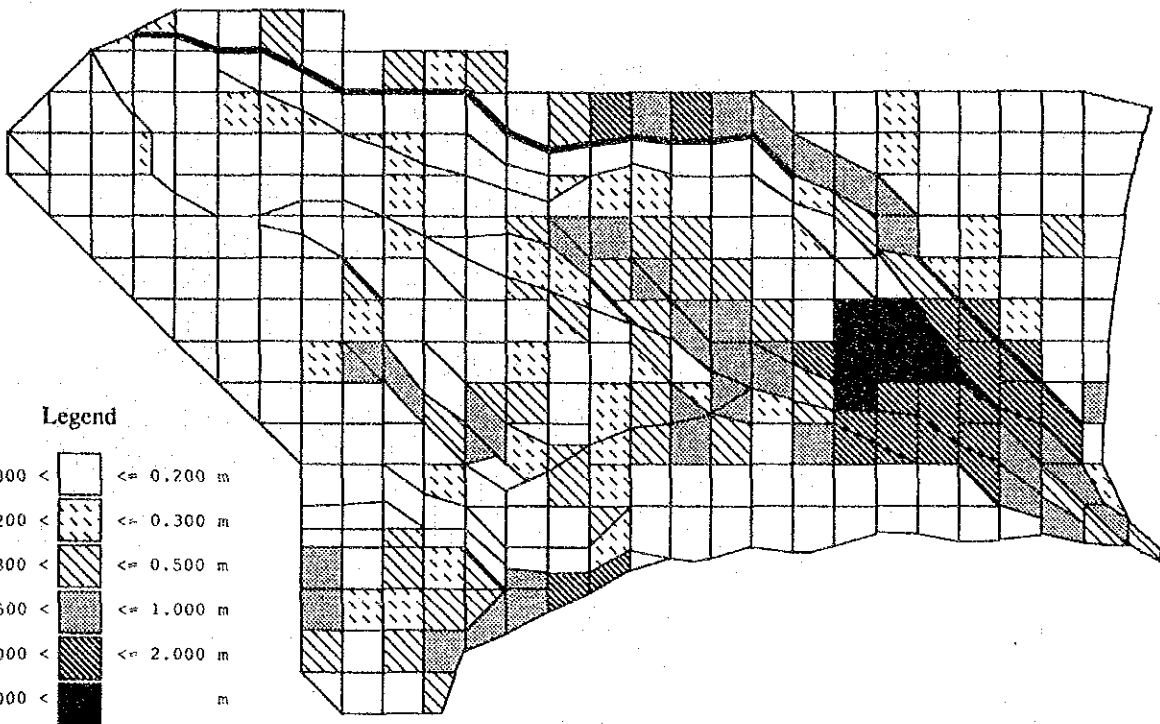
(2) Present Condition (5-yr Return Period)

THE REPUBLIC OF VENEZUELA
 COMPREHENSIVE IMPROVEMENT
 OF THE APURE RIVER BASIN
 JAPAN INTERNATIONAL COOPERATION AGENCY



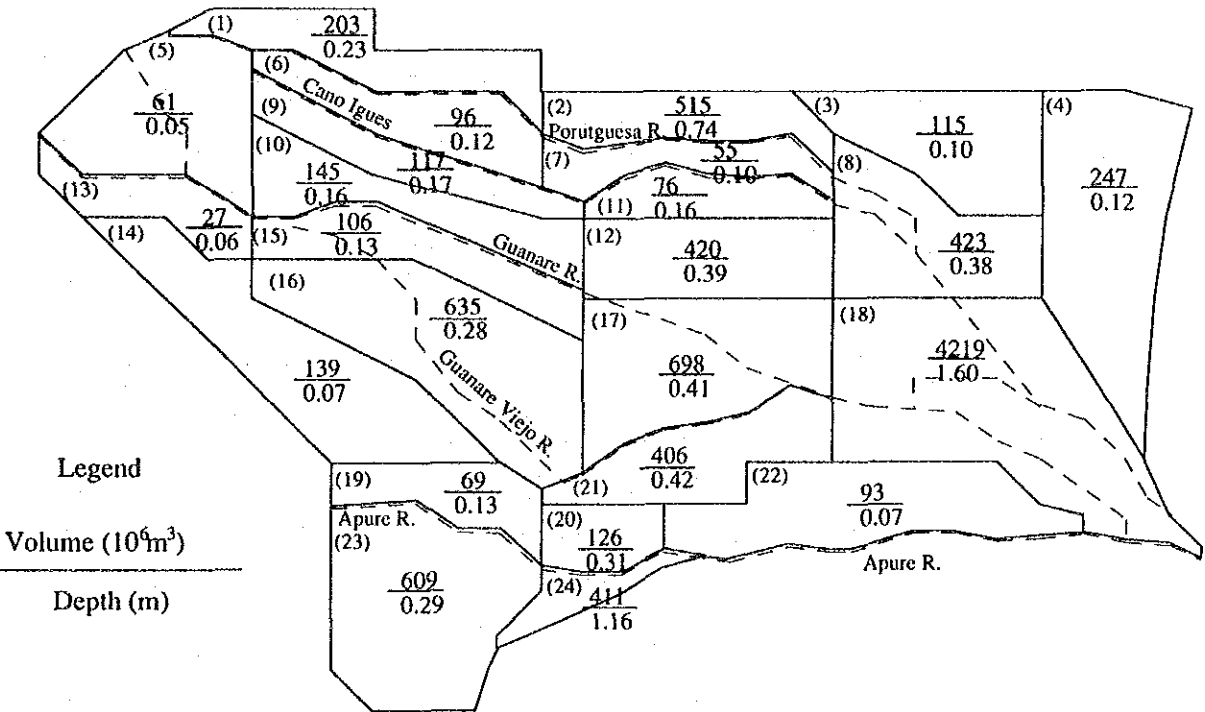
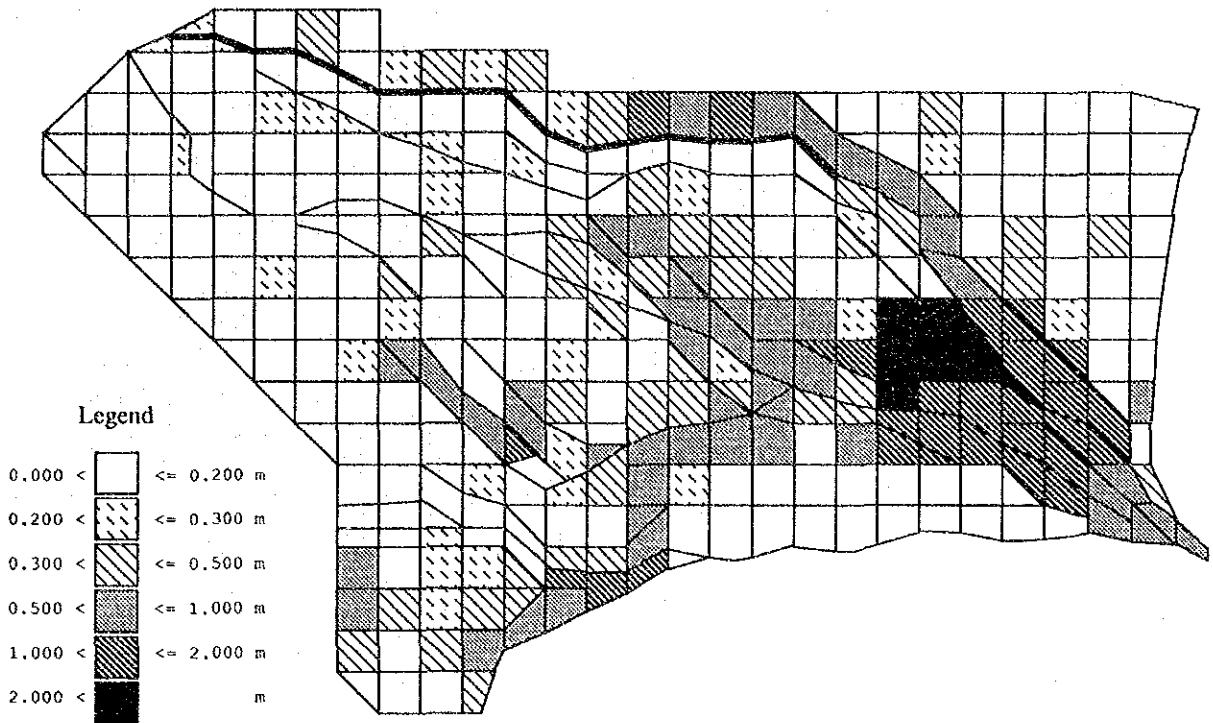
(3) Present Condition (50-yr Return Period)

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 OF THE APURE RIVER BASIN
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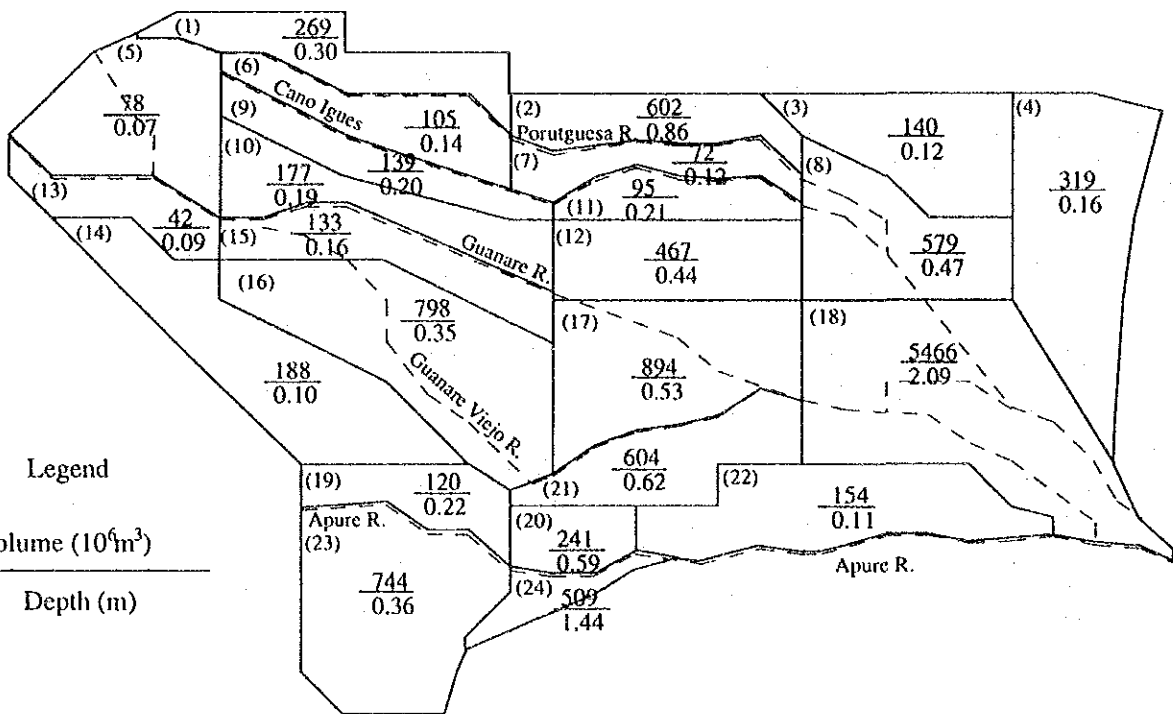
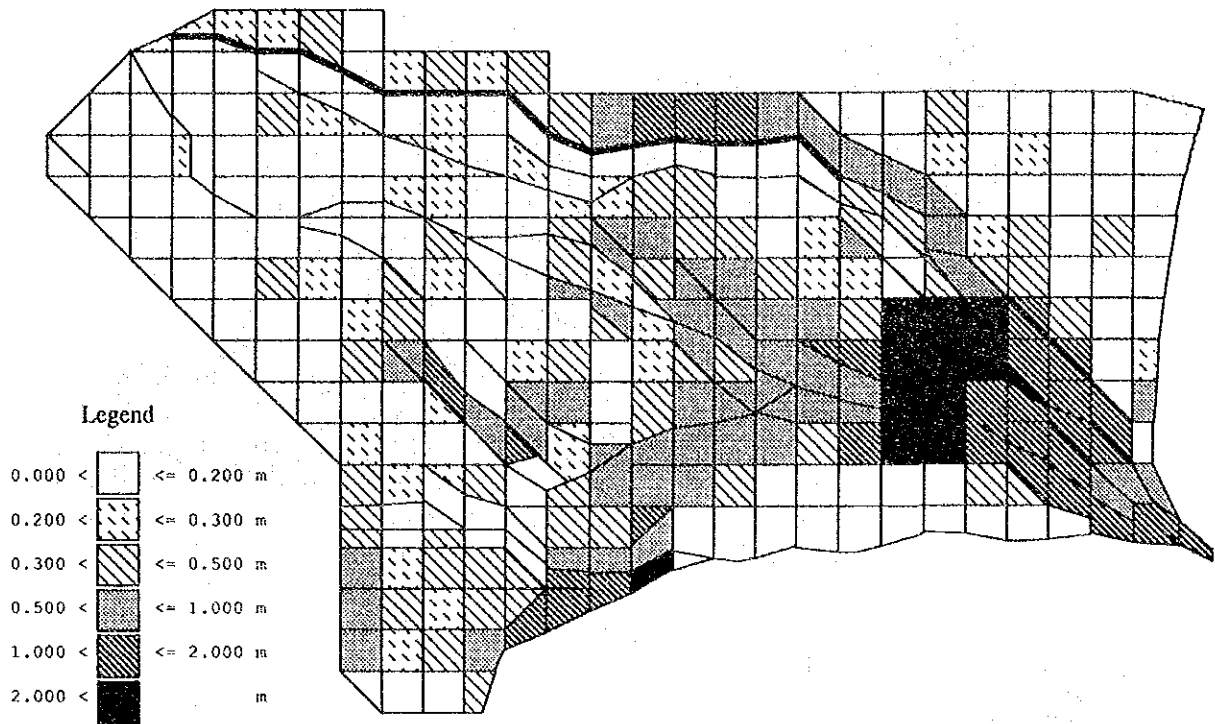
(4) Plan A1 (2-yr Return Period)

THE REPUBLIC OF VENEZUELA
 COMPREHENSIVE IMPROVEMENT
 OF THE APURE RIVER BASIN
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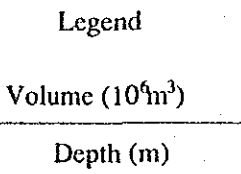
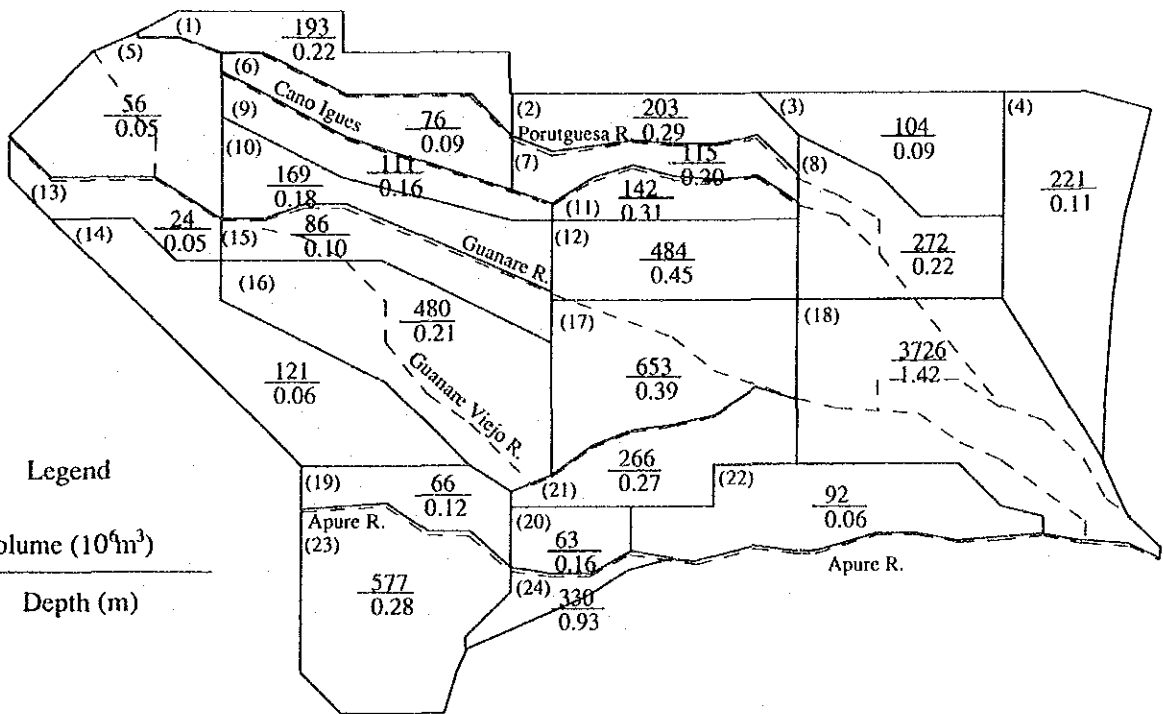
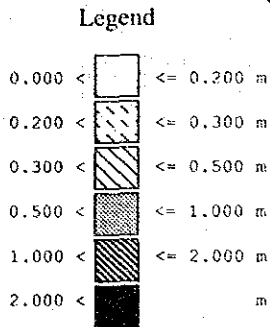
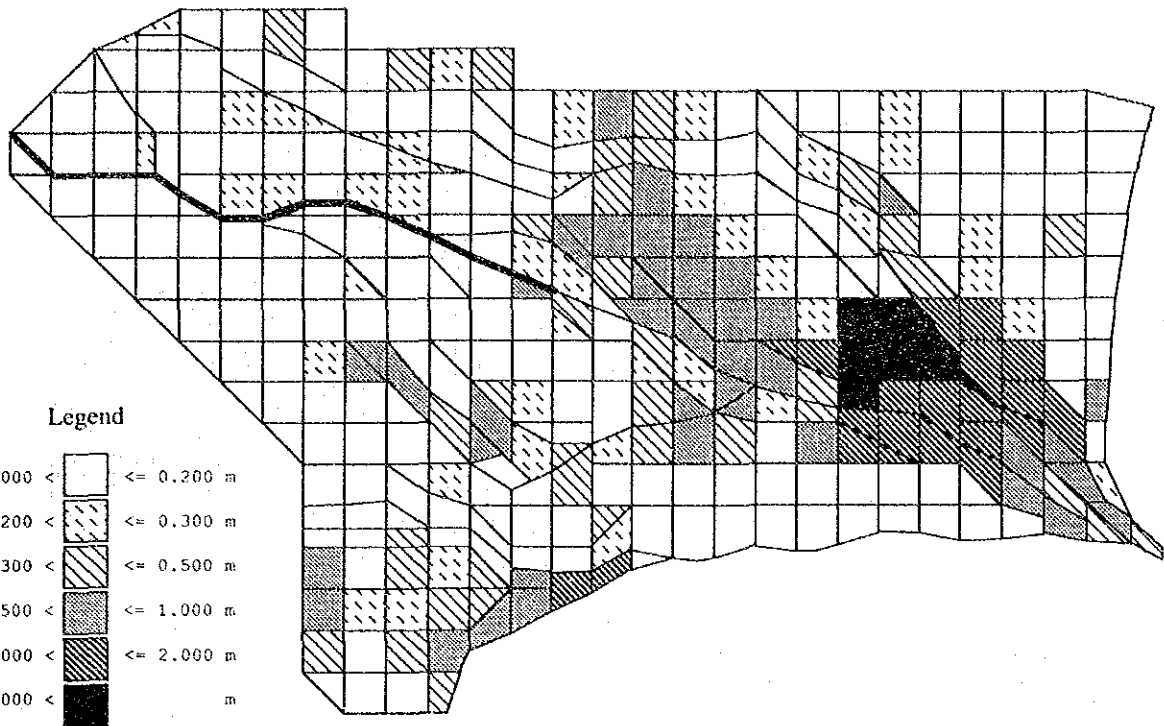
(5) Plan A1 (5-yr Return Period)

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(6) Plan A1 (50-yr Return Period)

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(7) Plan B1 (2-yr Return Period)

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